

Data Path : U:\HPCHEM1\BNA F\DATA\BF011618\
 Data File : BF102131.D
 Acq On : 17 Jan 2018 1:03
 Operator : SJ/JU
 Sample : J1122-03
 Misc :
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 C-8A

Quant Time: Jan 17 04:01:02 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

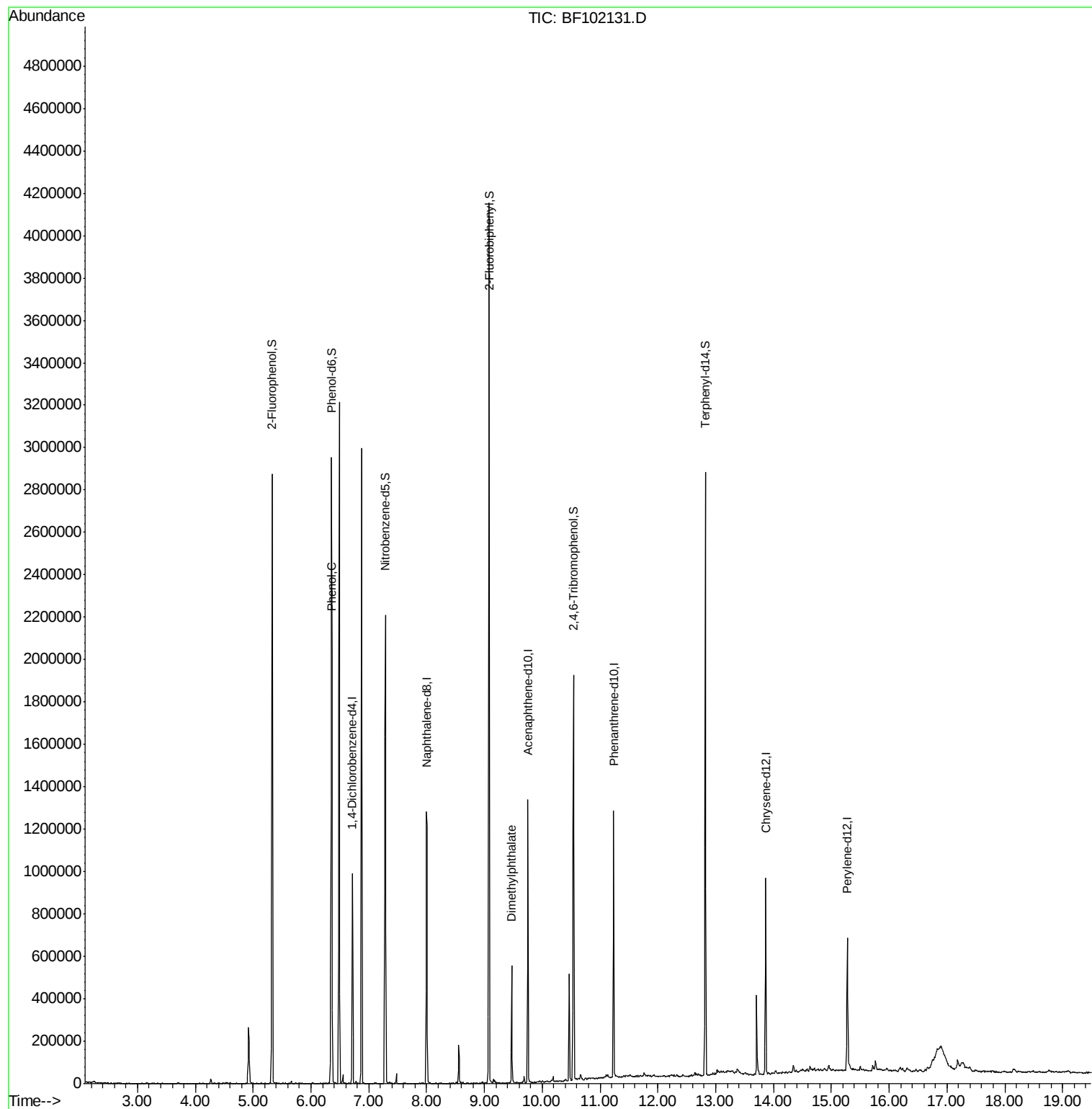
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.72	152	146657	20.00	ng	0.00
21) Naphthalene-d8	8.00	136	583779	20.00	ng	-0.01
38) Acenaphthene-d10	9.75	164	249580	20.00	ng	-0.01
63) Phenanthrene-d10	11.23	188	400517	20.00	ng	-0.01
75) Chrysene-d12	13.86	240	284596	20.00	ng	-0.02
86) Perylene-d12	15.28	264	264987	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.33	112	916370	88.23	ng	0.00
7) Phenol-d6	6.36	99	1120245	90.40	ng	0.00
23) Nitrobenzene-d5	7.29	82	698538	70.32	ng	-0.01
41) 2,4,6-Tribromophenol	10.54	330	201504	92.52	ng	-0.01
44) 2-Fluorobiphenyl	9.08	172	1251571	78.34	ng	-0.01
78) Terphenyl-d14	12.82	244	924301	67.43	ng	-0.01
Target Compounds						
10) Phenol	6.37	94	54355	3.881	ng	98
49) Dimethylphthalate	9.47	163	228958	11.436	ng	99

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

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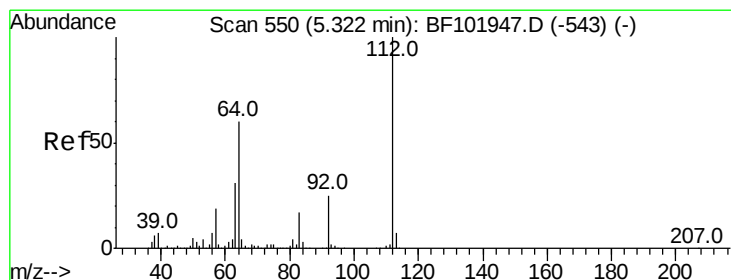
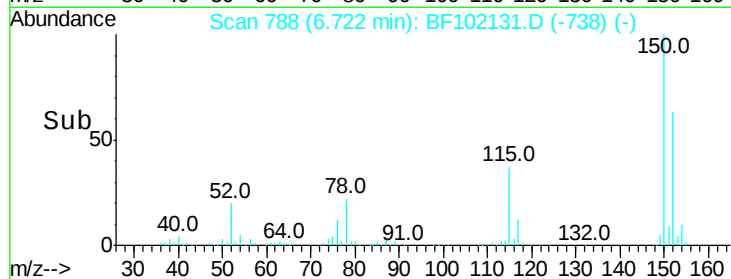
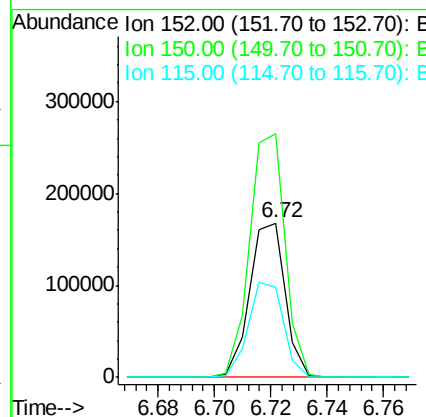
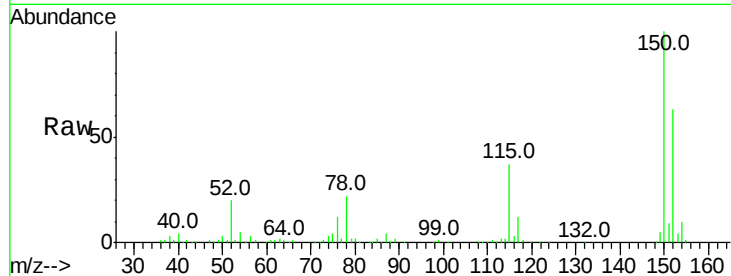


#1

1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.72 min Scan# 788
 Delta R.T. -0.01 min
 Lab File: BF102131.D
 Acq: 17 Jan 2018 1:03

Instrument :
 BNA_F
 ClientSampleId :
 C-8A

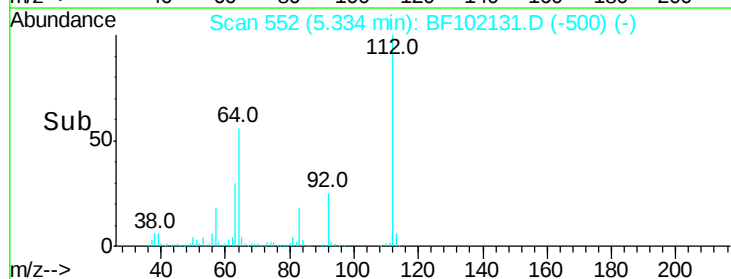
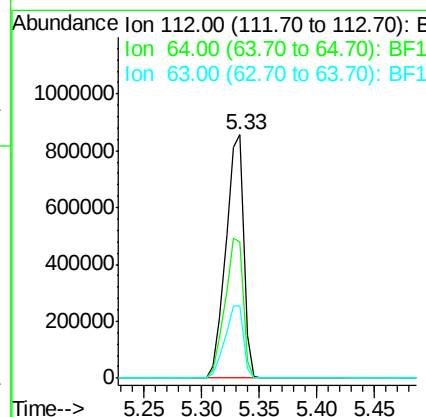
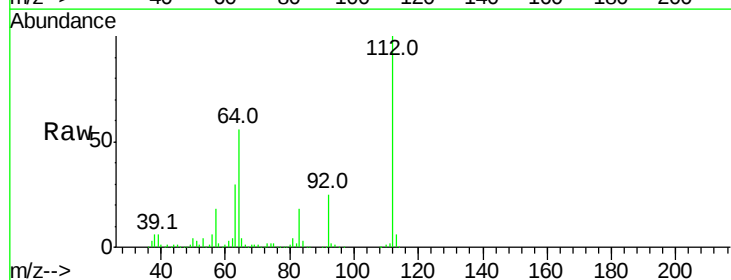
Tot Ion	Ratio	Lower	Upper
152	100		
150	157.9	124.6	186.8
115	58.1	50.1	75.1



#5

2-Fluorophenol
 Concen: 88.232 ng
 RT: 5.33 min Scan# 552
 Delta R.T. 0.01 min
 Lab File: BF102131.D
 Acq: 17 Jan 2018 1:03

Tgt Ion	Ratio	Lower	Upper
112	100		
64	55.9	47.9	71.9
63	29.8	23.7	35.5





#7

Phenol-d6

Concen: 90.405 ng

RT: 6.36 min Scan# 726

Delta R.T. -0.01 min

Lab File: BF102131.D

Acq: 17 Jan 2018 1:03

Instrument :

BNA_F

ClientSampled :

C-8A

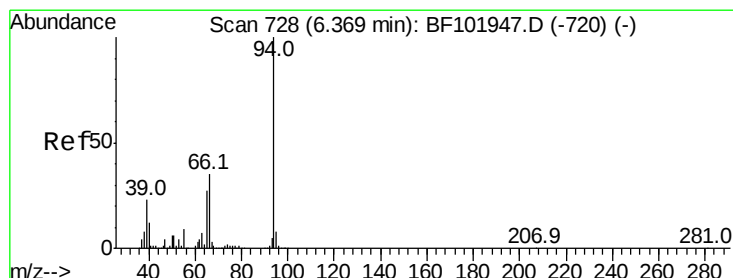
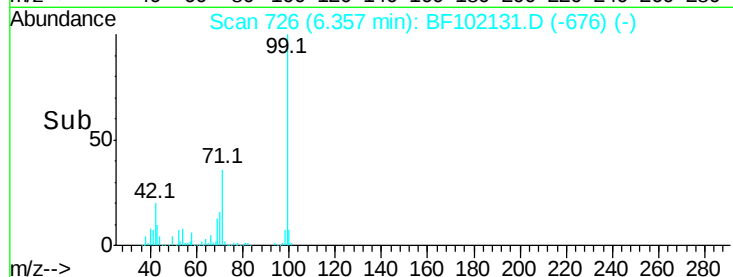
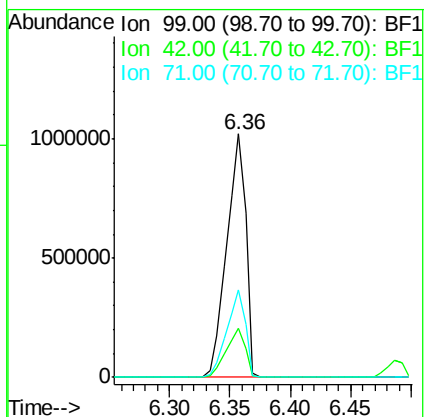
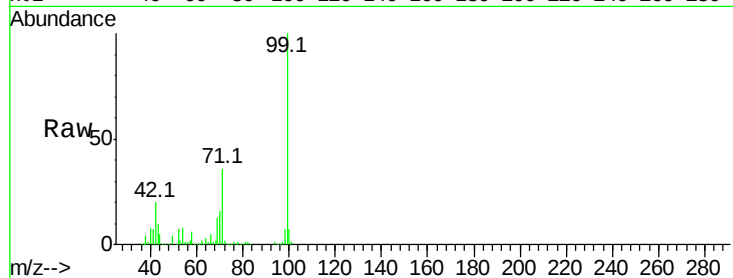
Tot Ion: 99 Resp: 1120245

Ion Ratio Lower Upper

99 100

42 20.3 14.5 21.7

71 35.7 25.4 38.0



#10

Phenol

Concen: 3.881 ng

RT: 6.37 min Scan# 728

Delta R.T. -0.01 min

Lab File: BF102131.D

Acq: 17 Jan 2018 1:03

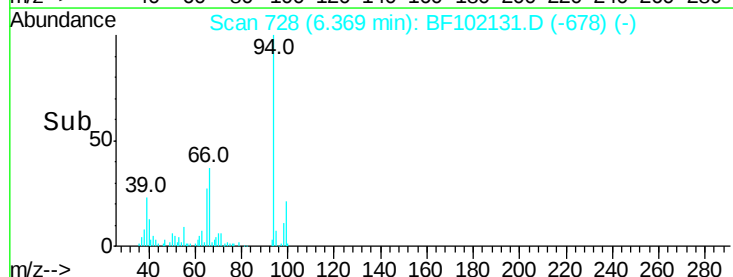
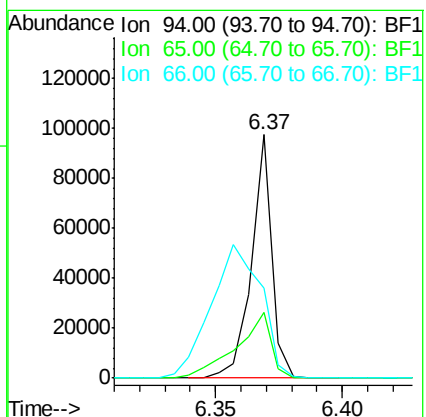
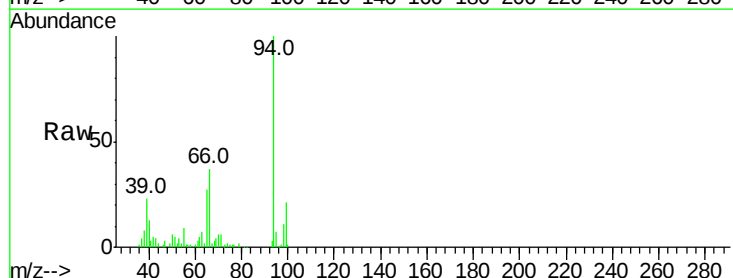
Tgt Ion: 94 Resp: 54355

Ion Ratio Lower Upper

94 100

65 27.1 7.9 47.9

66 37.1 16.2 56.2

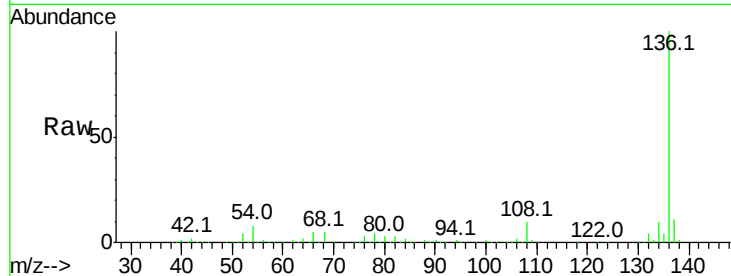




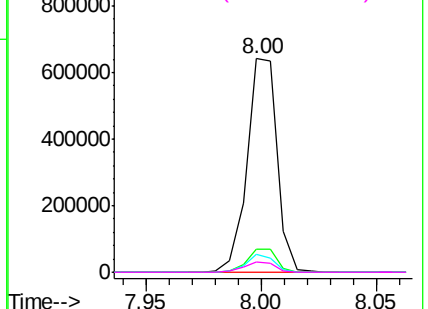
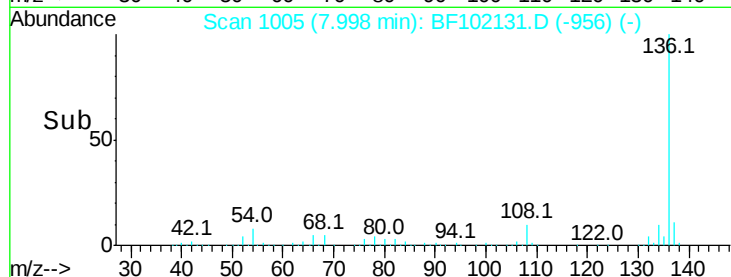
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.00 min Scan# 1005
Delta R.T. -0.01 min
Lab File: BF102131.D
Acq: 17 Jan 2018 1:03

Instrument :
BNA_F
ClientSampleId :
C-8A

Tot Ion:	136	Resp:	583779
Ion	Ratio	Lower	Upper
136	100		
137	11.0	8.9	13.3
54	8.3	6.6	9.8
68	5.1	5.0	7.4

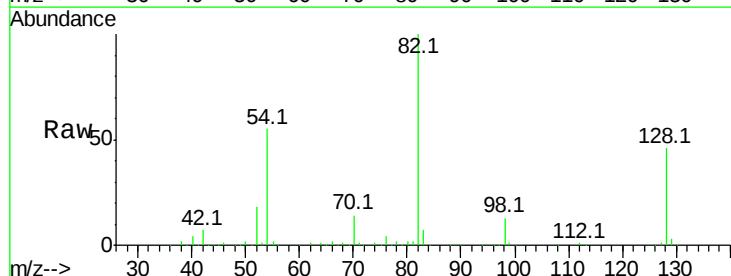


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF1
Ion 68.00 (67.70 to 68.70): BF1

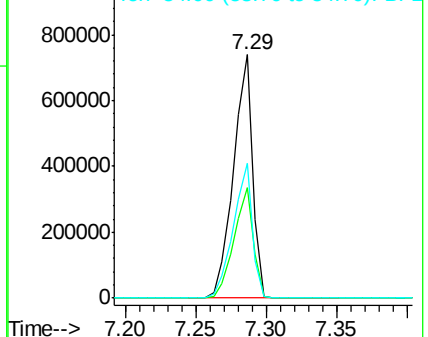
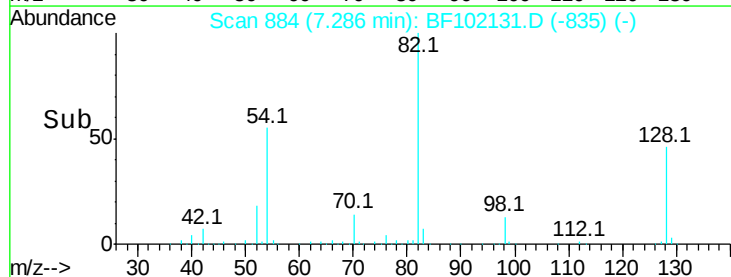


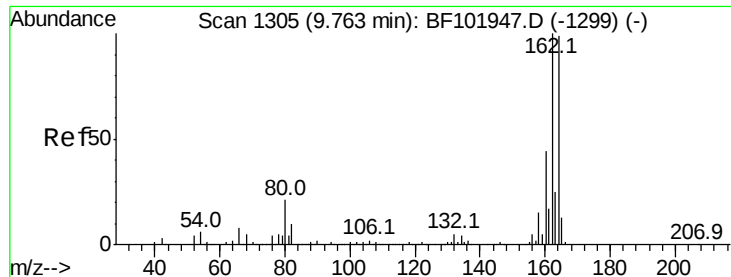
#23
Nitrobenzene-d5
Concen: 70.316 ng
RT: 7.29 min Scan# 884
Delta R.T. -0.01 min
Lab File: BF102131.D
Acq: 17 Jan 2018 1:03

Tgt Ion:	82	Resp:	698538
Ion	Ratio	Lower	Upper
82	100		
128	45.5	36.1	54.1
54	55.2	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

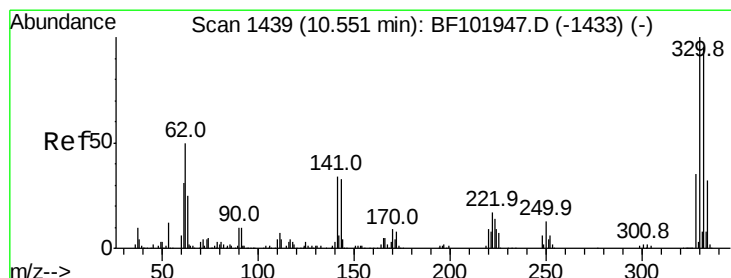
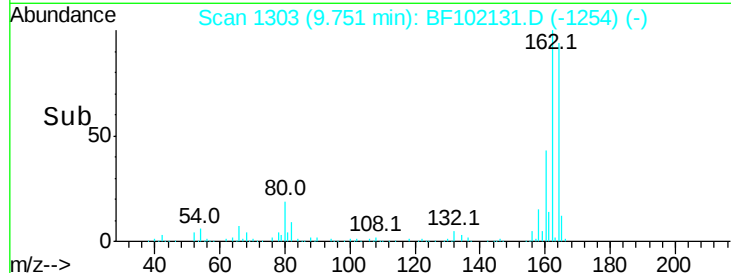
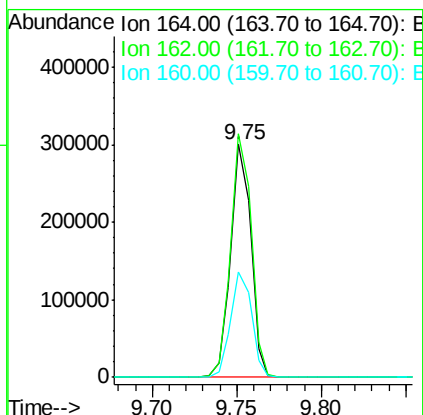
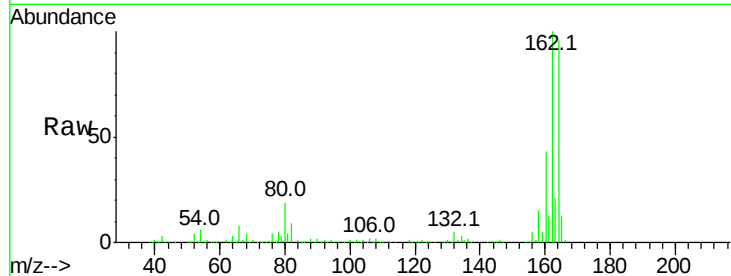




#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.75 min Scan# 1303
 Delta R.T. -0.01 min
 Lab File: BF102131.D
 Acq: 17 Jan 2018 1:03

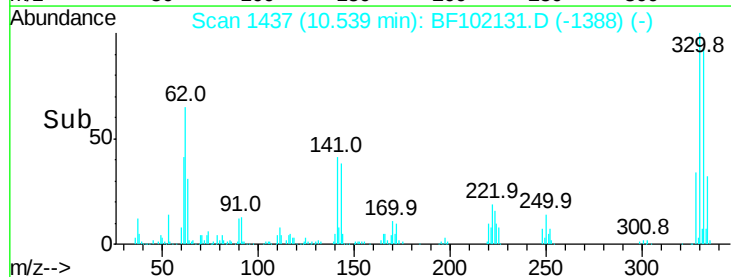
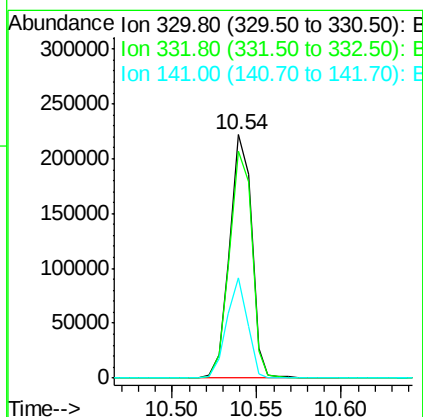
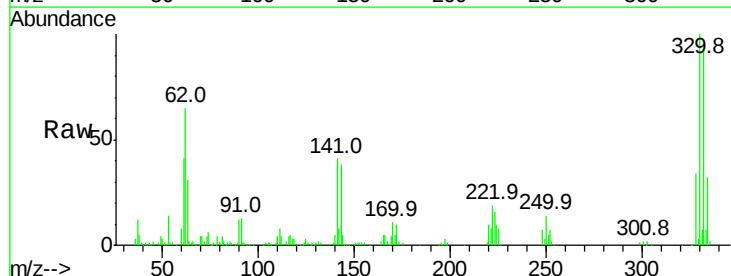
Instrument :
 BNA_F
 ClientSampleId :
 C-8A

Tot Ion:164 Resp: 249580
 Ion Ratio Lower Upper
 164 100
 162 104.5 86.1 129.1
 160 45.2 38.3 57.5



#41
 2,4,6-Tribromophenol
 Concen: 92.516 ng
 RT: 10.54 min Scan# 1437
 Delta R.T. -0.01 min
 Lab File: BF102131.D
 Acq: 17 Jan 2018 1:03

Tgt Ion:330 Resp: 201504
 Ion Ratio Lower Upper
 330 100
 332 95.3 77.0 115.6
 141 39.4 29.9 44.9

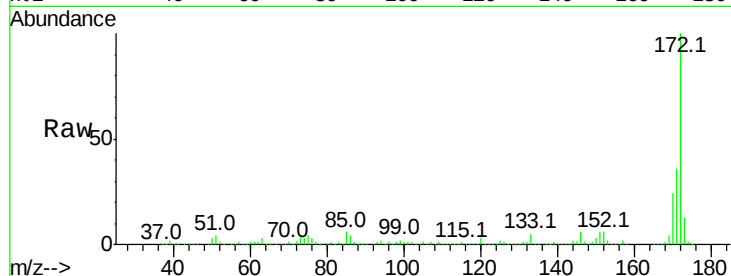




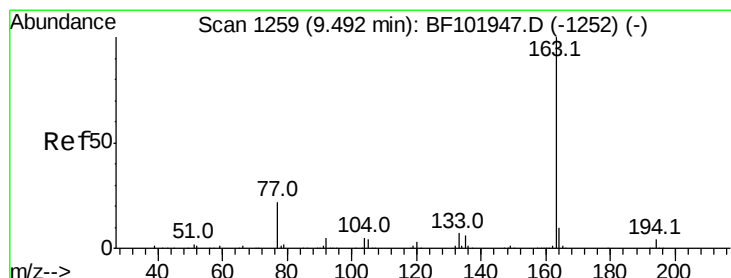
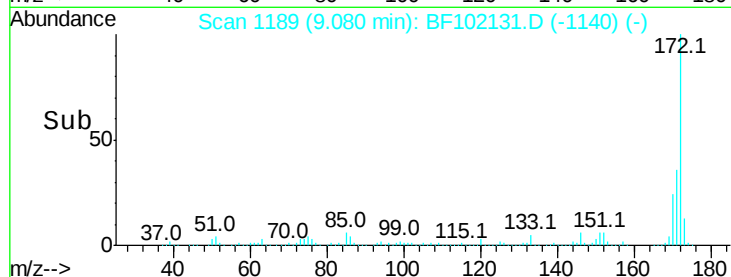
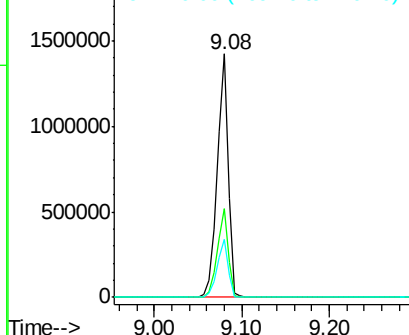
#44
2-Fluorobiphenyl
Concen: 78.343 ng
RT: 9.08 min Scan# 1189
Delta R.T. -0.01 min
Lab File: BF102131.D
Acq: 17 Jan 2018 1:03

Instrument :
BNA_F
ClientSampleId :
C-8A

Tot Ion:172 Resp: 1251571
Ion Ratio Lower Upper
172 100
171 36.5 29.7 44.5
170 23.7 19.6 29.4

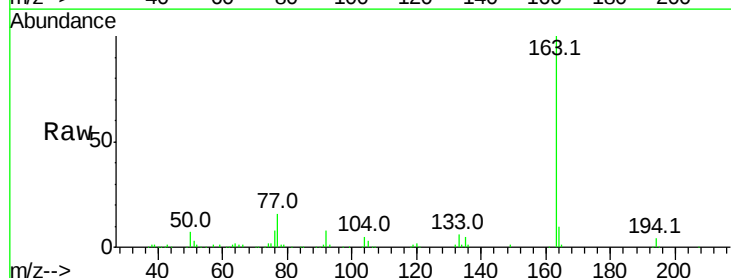


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

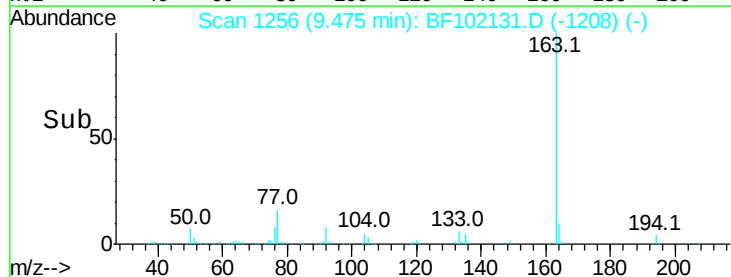
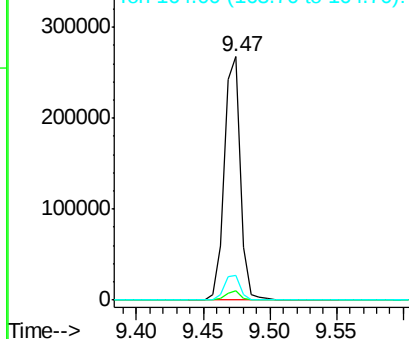


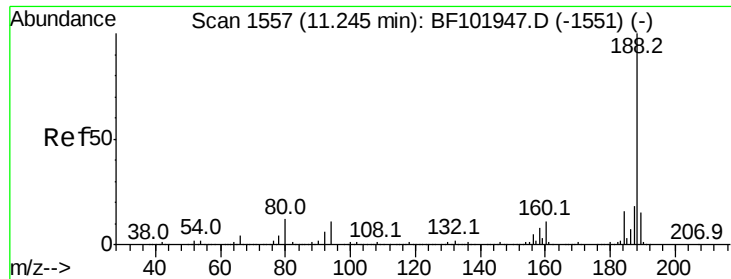
#49
Dimethylphthalate
Concen: 11.436 ng
RT: 9.47 min Scan# 1256
Delta R.T. -0.02 min
Lab File: BF102131.D
Acq: 17 Jan 2018 1:03

Tgt Ion:163 Resp: 228958
Ion Ratio Lower Upper
163 100
194 3.6 2.7 4.1
164 10.0 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

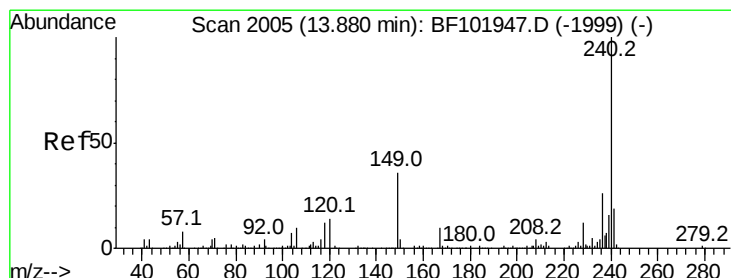
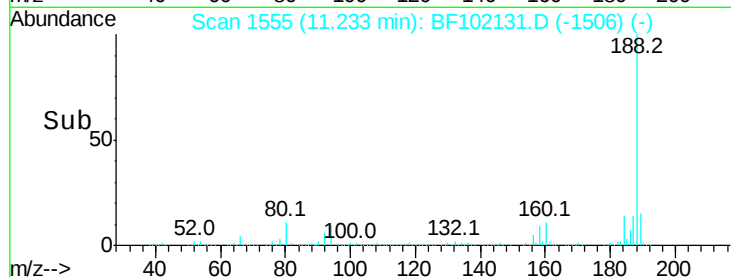
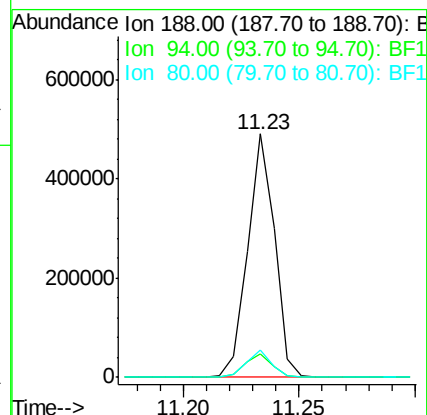
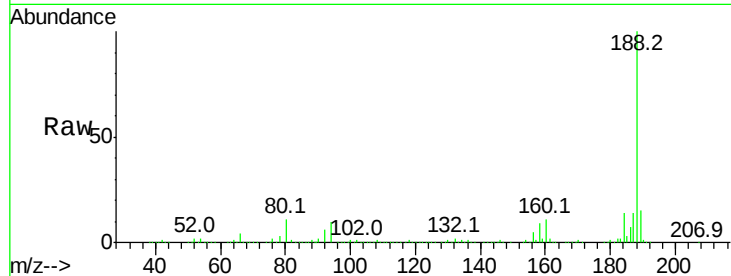




#63
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 11.23 min Scan# 1555
 Delta R.T. -0.01 min
 Lab File: BF102131.D
 Acq: 17 Jan 2018 1:03

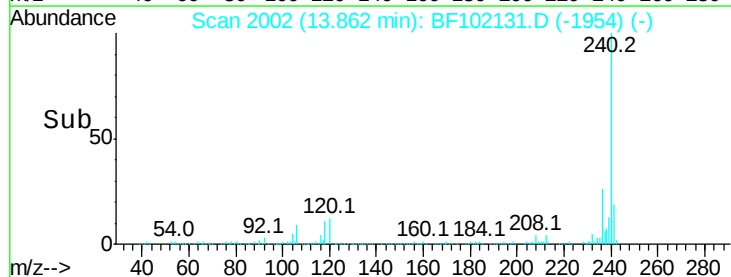
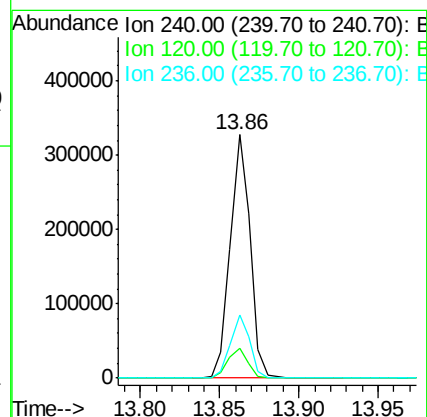
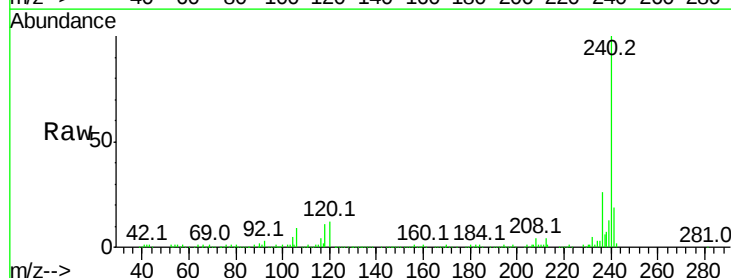
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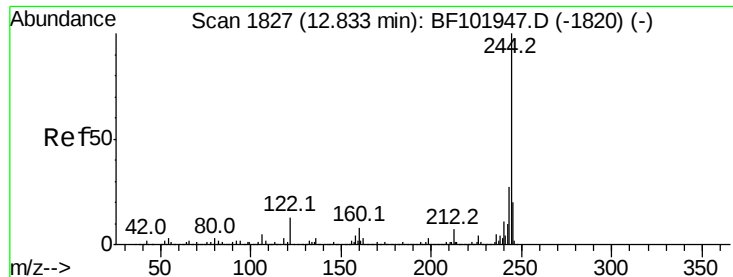
Tot Ion:188 Resp: 400517
 Ion Ratio Lower Upper
 188 100
 94 9.8 8.5 12.7
 80 11.1 9.2 13.8



#75
 Chrysene-d12
 Concen: 20.000 ng
 RT: 13.86 min Scan# 2002
 Delta R.T. -0.02 min
 Lab File: BF102131.D
 Acq: 17 Jan 2018 1:03

Tgt Ion:240 Resp: 284596
 Ion Ratio Lower Upper
 240 100
 120 12.2 9.5 14.3
 236 25.8 20.7 31.1

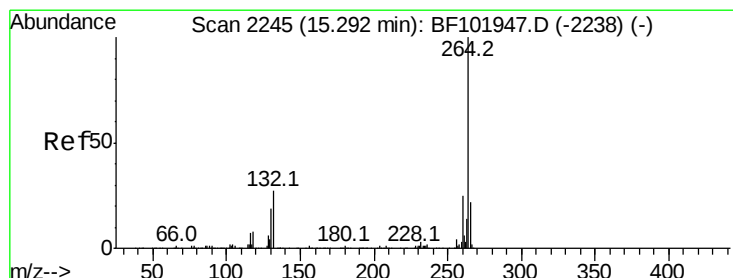
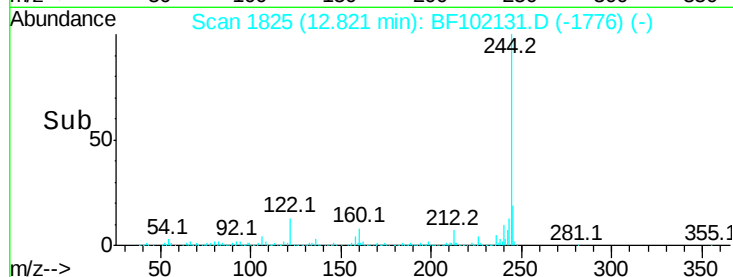
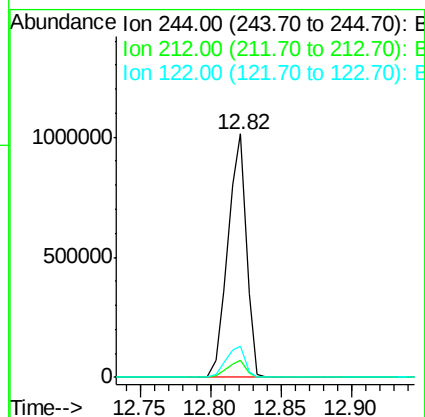
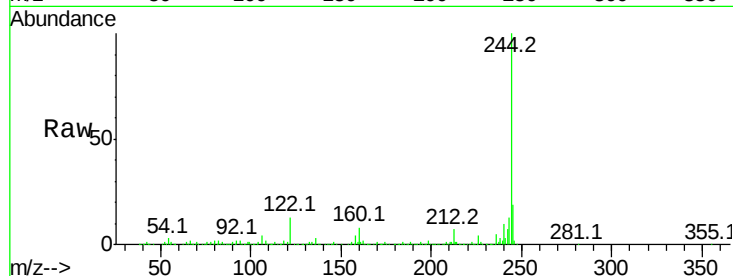




#78
 Terphenyl-d14
 Concen: 67.432 ng
 RT: 12.82 min Scan# 1825
 Delta R.T. -0.01 min
 Lab File: BF102131.D
 Acq: 17 Jan 2018 1:03

Instrument :
 BNA_F
 ClientSampled :
 C-8A

Tot Ion:244 Resp: 924301
 Ion Ratio Lower Upper
 244 100
 212 6.9 5.4 8.0
 122 12.5 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: BF102131.D
 Acq: 17 Jan 2018 1:03

Tgt Ion:264 Resp: 264987
 Ion Ratio Lower Upper
 264 100
 260 24.4 19.2 28.8
 265 21.5 17.5 26.3

