

Data Path : U:\HPCHEM1\BNA F\DATA\BF011518\
 Data File : BF102073.D
 Acq On : 15 Jan 2018 20:00
 Operator : SJ/JU
 Sample : J1117-07
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 COMP-1

Quant Time: Jan 16 00:42:19 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

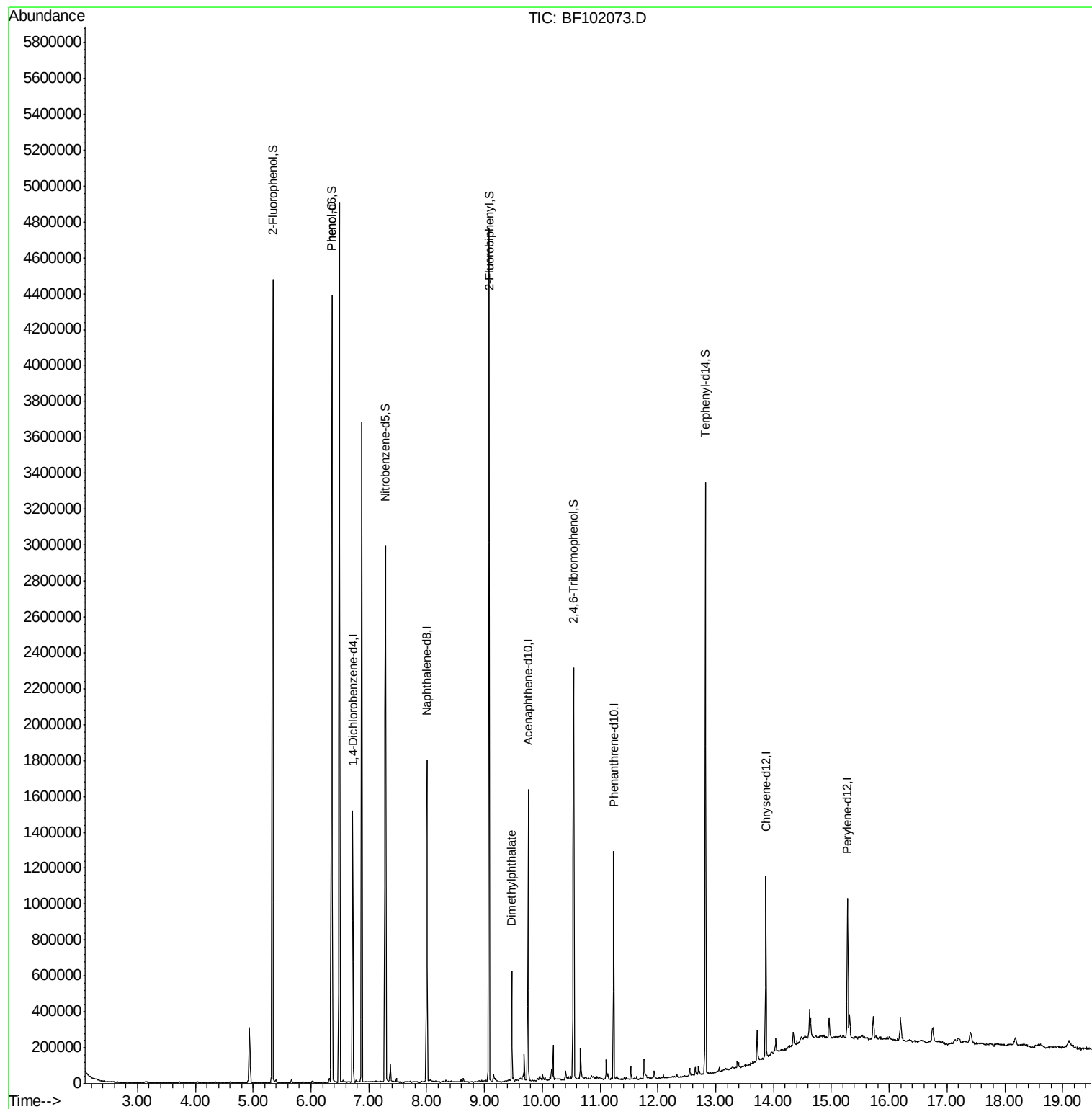
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.72	152	193657	20.00	ng	0.00
21) Naphthalene-d8	8.00	136	767716	20.00	ng	0.00
38) Acenaphthene-d10	9.76	164	299418	20.00	ng	0.00
63) Phenanthrene-d10	11.23	188	424693	20.00	ng	-0.01
75) Chrysene-d12	13.87	240	351807	20.00	ng	-0.01
86) Perylene-d12	15.28	264	338834	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.34	112	1480038	107.92	ng	0.01
7) Phenol-d6	6.36	99	1720293	105.14	ng	0.00
23) Nitrobenzene-d5	7.29	82	1102762	84.41	ng	-0.01
41) 2,4,6-Tribromophenol	10.55	330	270535	103.53	ng	0.00
44) 2-Fluorobiphenyl	9.08	172	1457802	76.06	ng	-0.01
78) Terphenyl-d14	12.82	244	1034186	61.03	ng	-0.01
Target Compounds						
10) Phenol	6.37	94	50117	2.710	ng	82
49) Dimethylphthalate	9.47	163	212815	8.860	ng	98

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

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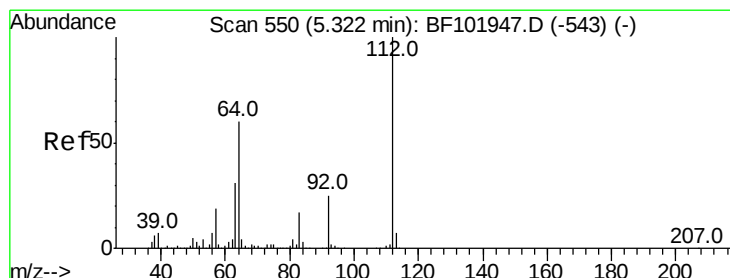
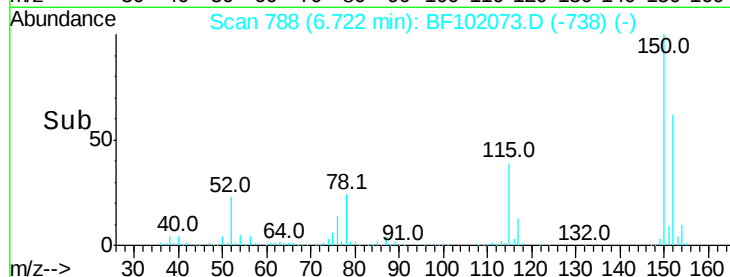
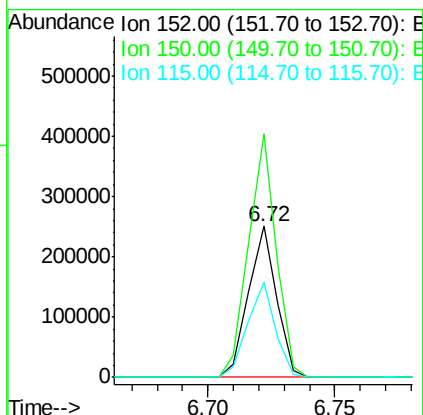
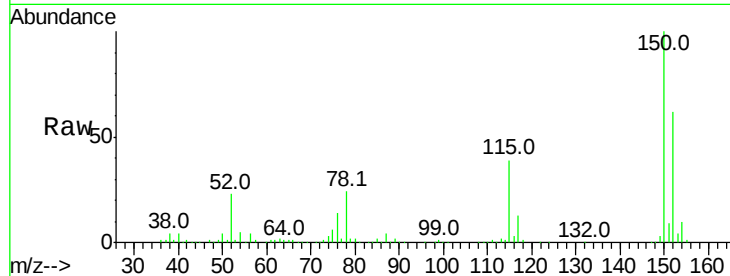


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.72 min Scan# 788
Delta R.T. -0.01 min
Lab File: BF102073.D
Acq: 15 Jan 2018 20:00

Instrument :
BNA_F
ClientSampleId :
COMP-1

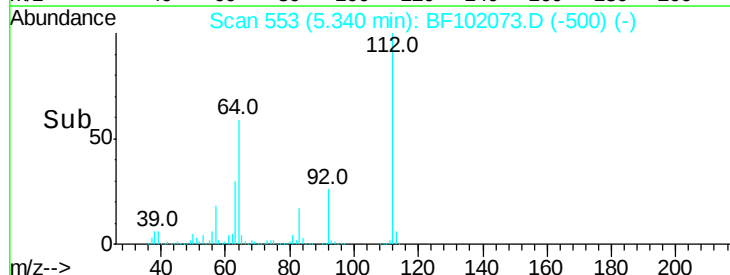
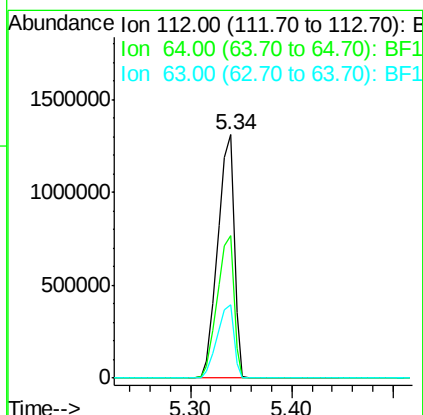
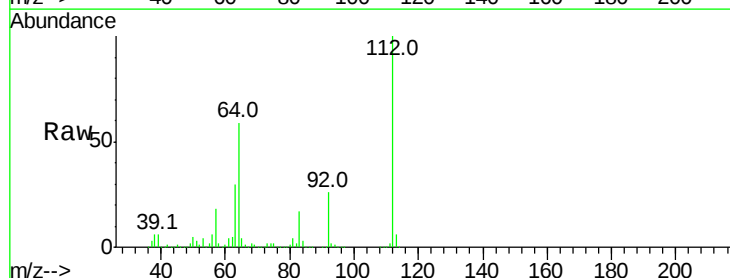
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Ion Ratio Lower Upper
152 100
150 161.2 124.6 186.8
115 62.8 50.1 75.1

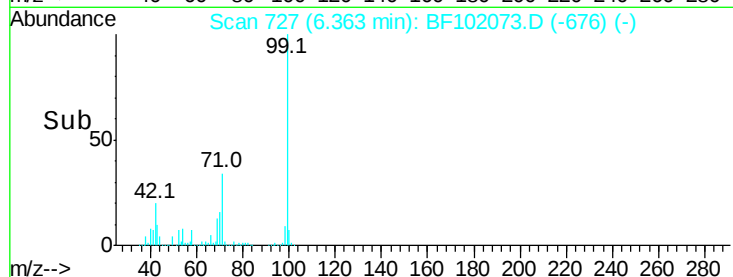
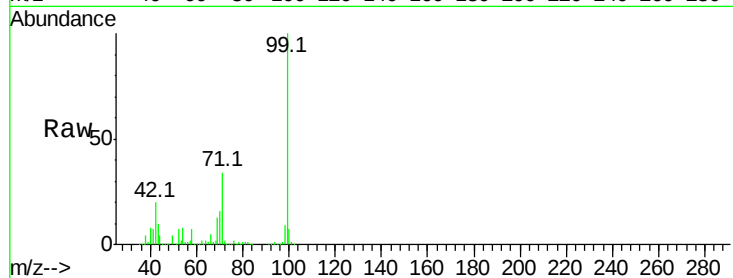
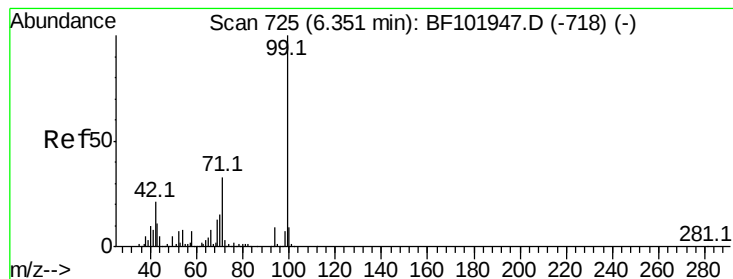


#5

2-Fluorophenol
Concen: 107.919 ng
RT: 5.34 min Scan# 553
Delta R.T. 0.01 min
Lab File: BF102073.D
Acq: 15 Jan 2018 20:00

Tgt Ion:112 Resp: 1480038
Ion Ratio Lower Upper
112 100
64 58.7 47.9 71.9
63 30.2 23.7 35.5





#7

Phenol-d6

Concen: 105.136 ng

RT: 6.36 min Scan# 727

Delta R.T. 0.00 min

Lab File: BF102073.D

Acq: 15 Jan 2018 20:00

Instrument :

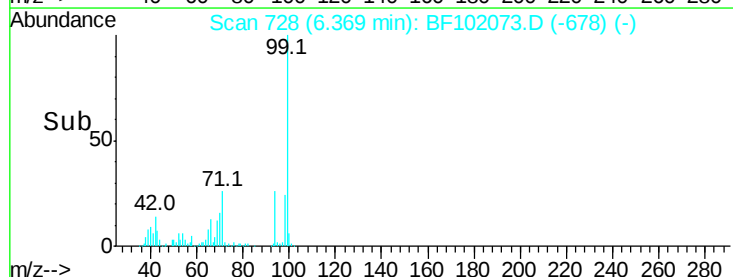
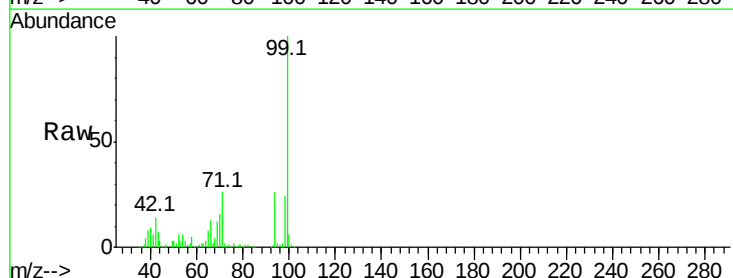
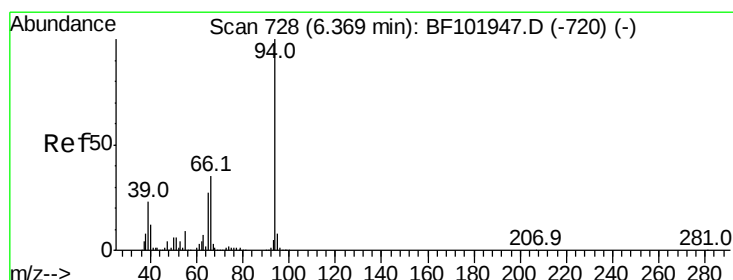
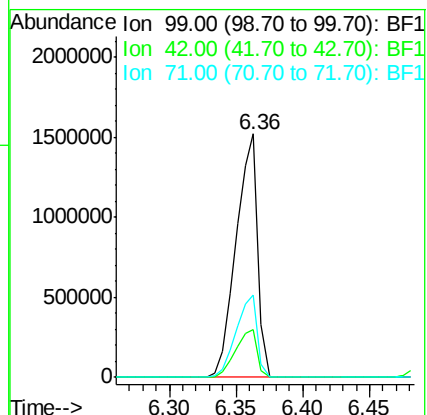
BNA_F

ClientSampleId :

COMP-1

Tot Ion: 99 Resp: 1720293

Ion	Ratio	Lower	Upper
99	100		
42	19.7	14.5	21.7
71	34.0	25.4	38.0



#10

Phenol

Concen: 2.710 ng

RT: 6.37 min Scan# 728

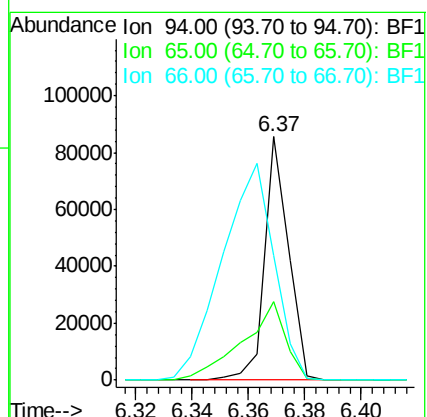
Delta R.T. -0.01 min

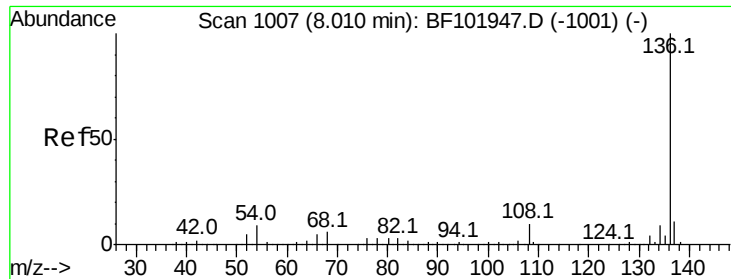
Lab File: BF102073.D

Acq: 15 Jan 2018 20:00

Tgt Ion: 94 Resp: 50117

Ion	Ratio	Lower	Upper
94	100		
65	32.2	7.9	47.9
66	51.0	16.2	56.2

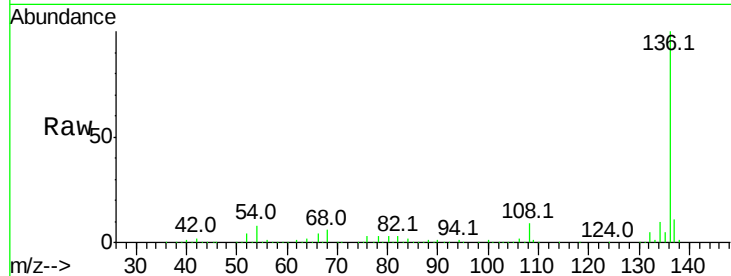




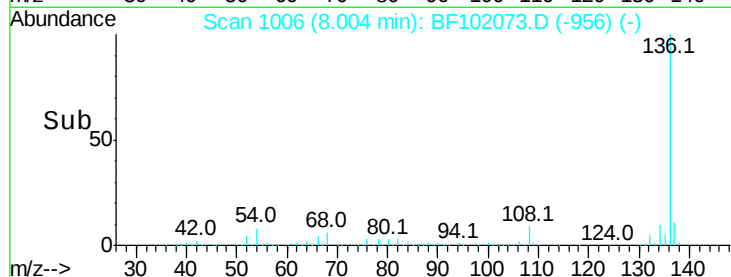
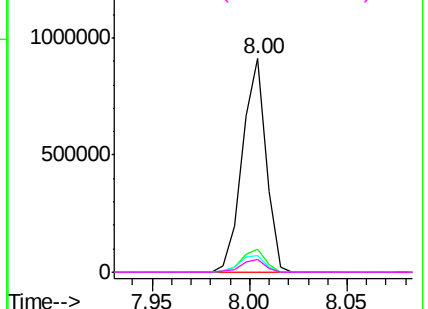
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.00 min Scan# 1006
Delta R.T. -0.01 min
Lab File: BF102073.D
Acq: 15 Jan 2018 20:00

Instrument :
BNA_F
ClientSampleId :
COMP-1

Tot Ion:	136	Resp:	767716
Ion	Ratio	Lower	Upper
136	100		
137	10.7	8.9	13.3
54	8.0	6.6	9.8
68	5.9	5.0	7.4

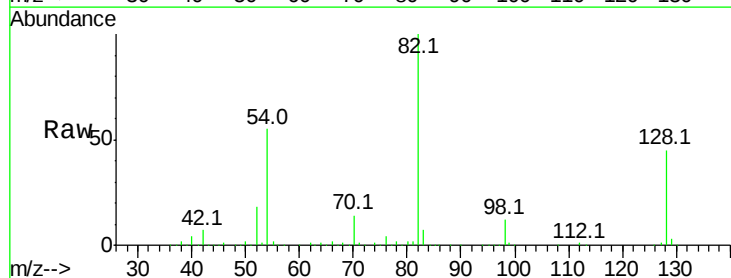


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF1
Ion 68.00 (67.70 to 68.70): BF1

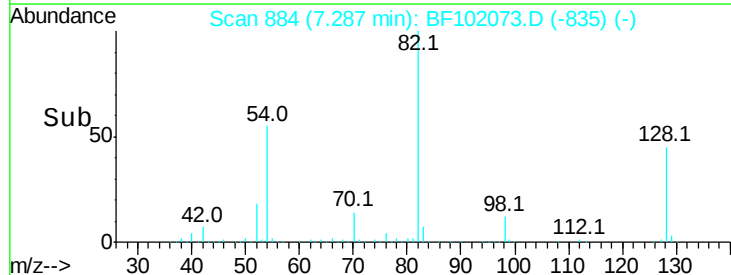
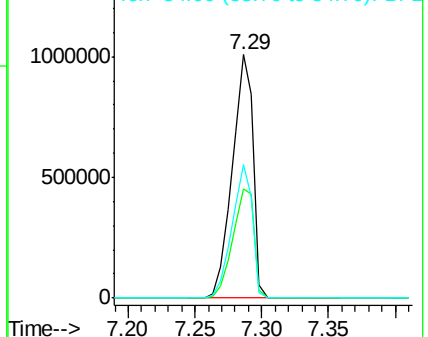


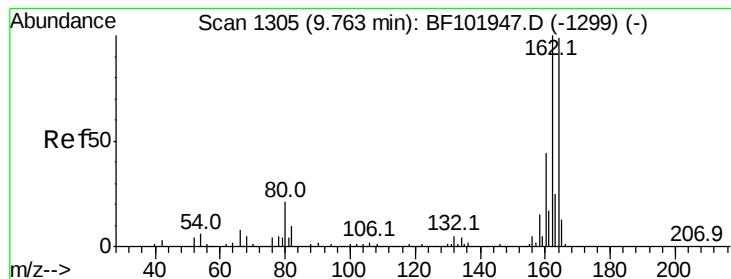
#23
Nitrobenzene-d5
Concen: 84.410 ng
RT: 7.29 min Scan# 884
Delta R.T. -0.01 min
Lab File: BF102073.D
Acq: 15 Jan 2018 20:00

Tgt Ion:	82	Resp:	1102762
Ion	Ratio	Lower	Upper
82	100		
128	44.9	36.1	54.1
54	54.7	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: 9.76 min Scan# 1304

Delta R.T. -0.01 min

Lab File: BF102073.D

Acq: 15 Jan 2018 20:00

Instrument :

BNA_F

ClientSampleId :

COMP-1

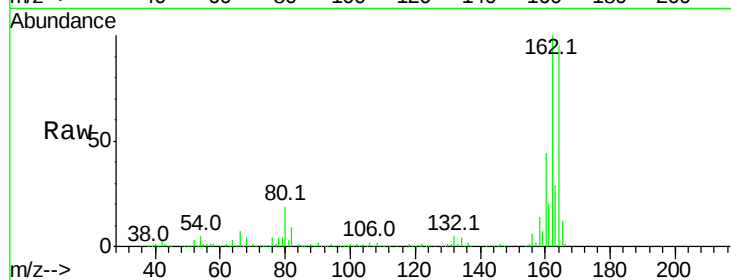
Tot Ion:164 Resp: 299418

Ion Ratio Lower Upper

164 100

162 105.7 86.1 129.1

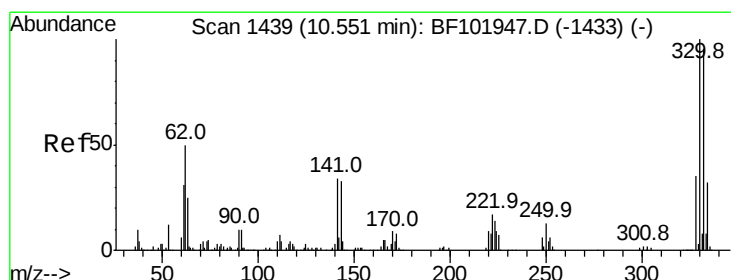
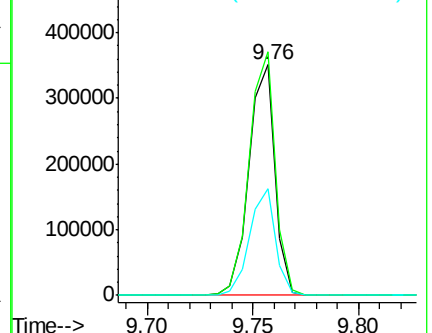
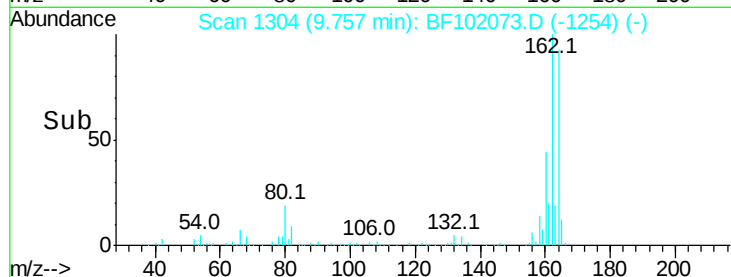
160 46.4 38.3 57.5



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: 103.535 ng

RT: 10.55 min Scan# 1438

Delta R.T. -0.01 min

Lab File: BF102073.D

Acq: 15 Jan 2018 20:00

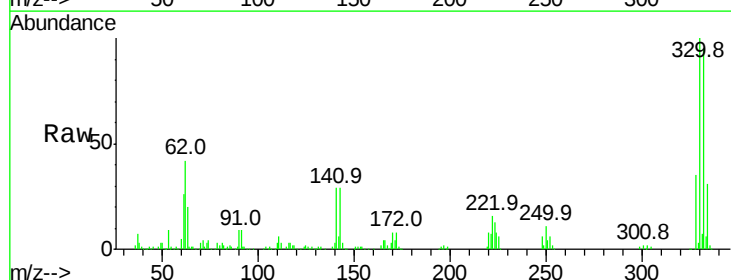
Tgt Ion:330 Resp: 270535

Ion Ratio Lower Upper

330 100

332 95.0 77.0 115.6

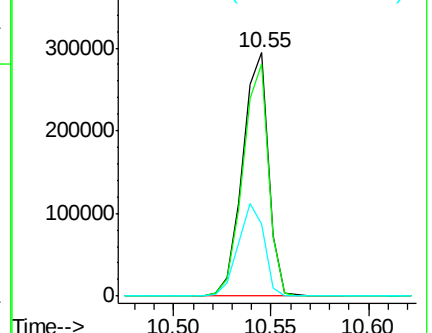
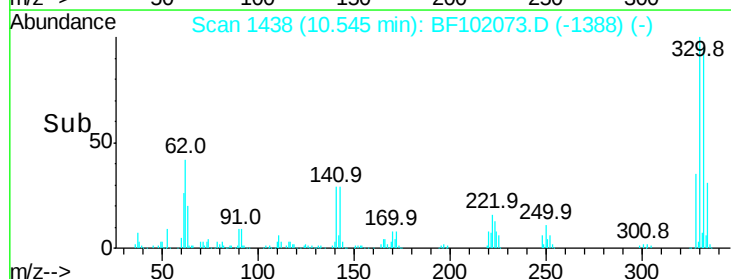
141 38.4 29.9 44.9

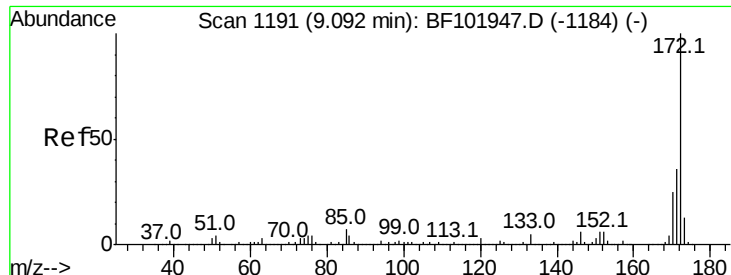


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

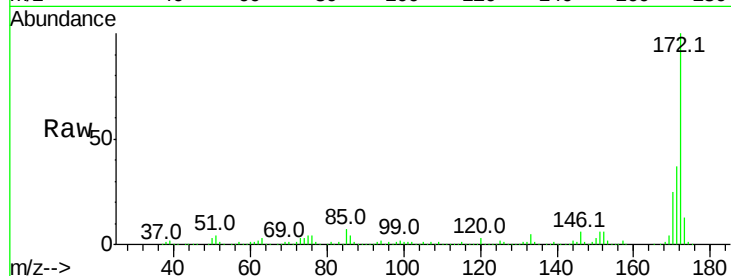




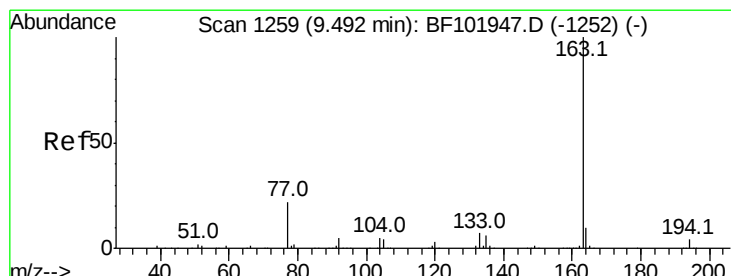
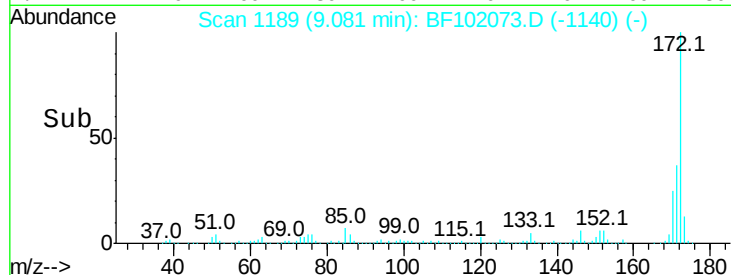
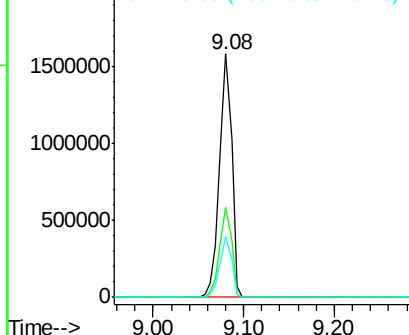
#44
2-Fluorobiphenyl
Concen: 76.064 ng
RT: 9.08 min Scan# 1189
Delta R.T. -0.01 min
Lab File: BF102073.D
Acq: 15 Jan 2018 20:00

Instrument :
BNA_F
ClientSampleId :
COMP-1

Tot Ion:172 Resp: 1457802
Ion Ratio Lower Upper
172 100
171 36.9 29.7 44.5
170 24.7 19.6 29.4

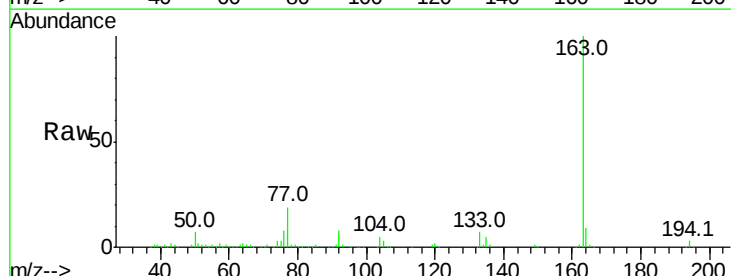


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

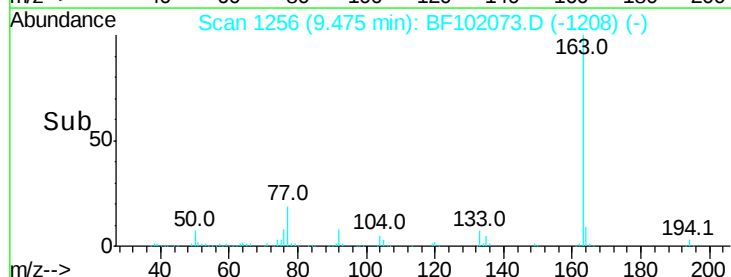
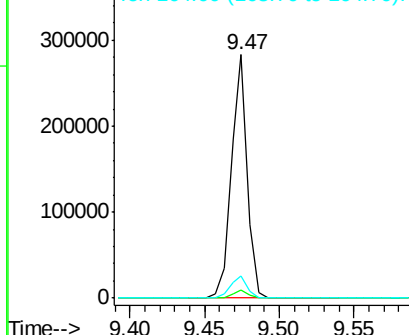


#49
Dimethylphthalate
Concen: 8.860 ng
RT: 9.47 min Scan# 1256
Delta R.T. -0.02 min
Lab File: BF102073.D
Acq: 15 Jan 2018 20:00

Tgt Ion:163 Resp: 212815
Ion Ratio Lower Upper
163 100
194 3.5 2.7 4.1
164 9.3 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

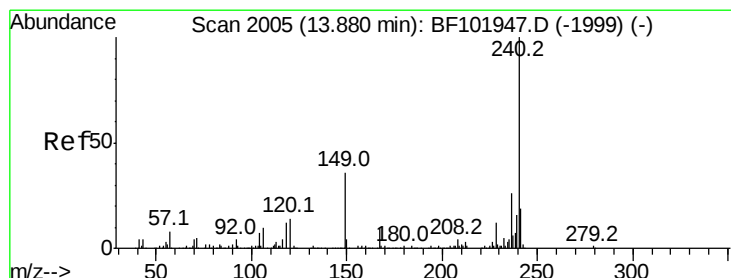
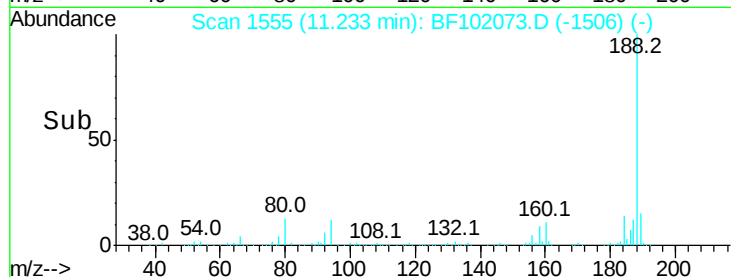
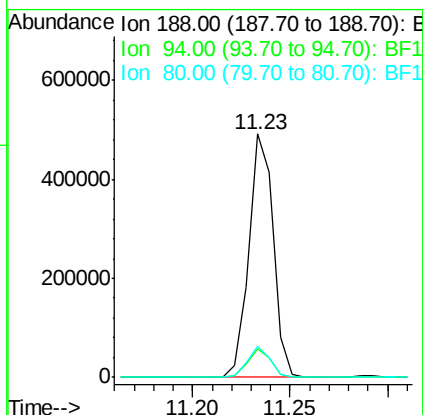
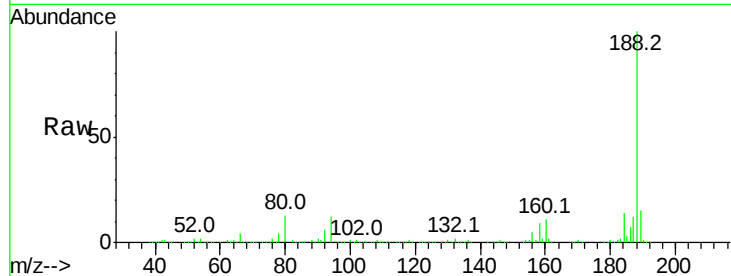




#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.23 min Scan# 1555
Delta R.T. -0.01 min
Lab File: BF102073.D
Acq: 15 Jan 2018 20:00

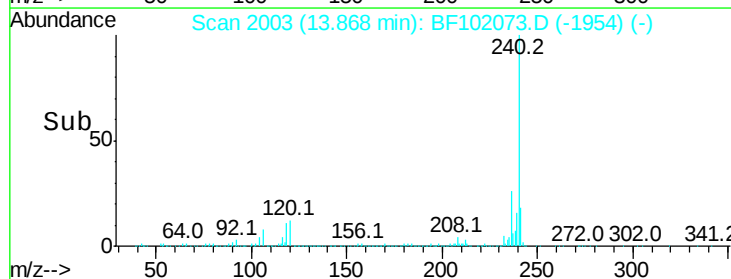
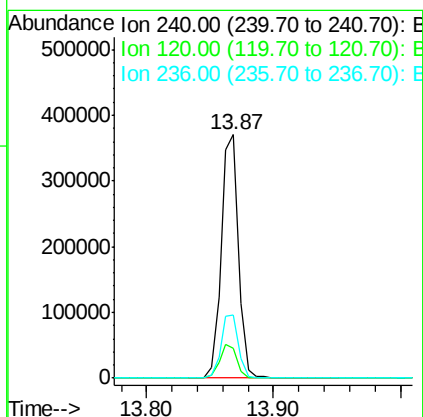
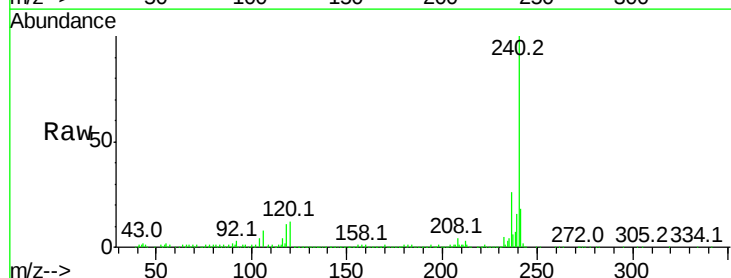
Instrument :
BNA_F
ClientSampleId :
COMP-1

Tot Ion:188 Resp: 424693
Ion Ratio Lower Upper
188 100
94 11.8 8.5 12.7
80 12.6 9.2 13.8



#75
Chrysene-d12
Concen: 20.000 ng
RT: 13.87 min Scan# 2003
Delta R.T. -0.01 min
Lab File: BF102073.D
Acq: 15 Jan 2018 20:00

Tgt Ion:240 Resp: 351807
Ion Ratio Lower Upper
240 100
120 12.5 9.5 14.3
236 25.9 20.7 31.1

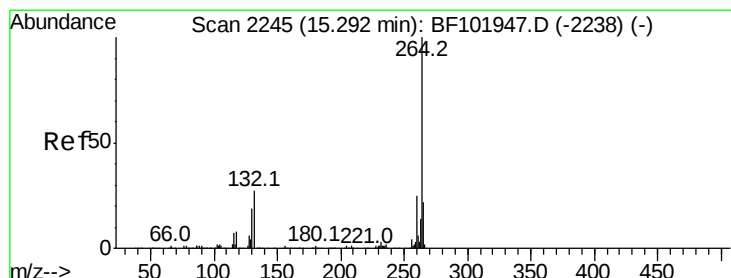
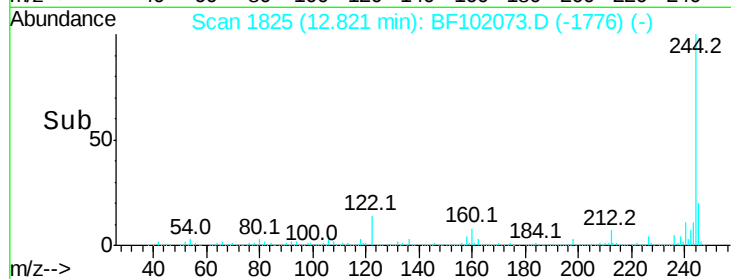
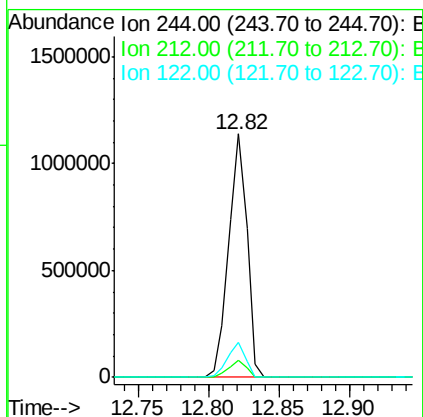
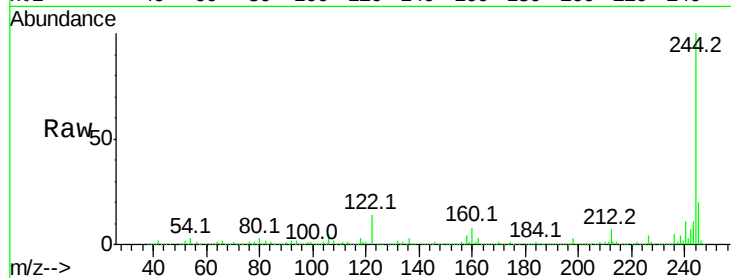




#78
 Terphenyl-d14
 Concen: 61.035 ng
 RT: 12.82 min Scan# 1825
 Delta R.T. -0.01 min
 Lab File: BF102073.D
 Acq: 15 Jan 2018 20:00

Instrument :
 BNA_F
 ClientSampleId :
 COMP-1

Tot Ion:244 Resp: 1034186
 Ion Ratio Lower Upper
 244 100
 212 6.9 5.4 8.0
 122 14.2 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: BF102073.D
 Acq: 15 Jan 2018 20:00

Tgt Ion:264 Resp: 338834
 Ion Ratio Lower Upper
 264 100
 260 23.5 19.2 28.8
 265 21.9 17.5 26.3

