

Data Path : U:\HPCHEM1\BNA F\DATA\BF011718\
 Data File : BF102168.D
 Acq On : 17 Jan 2018 23:28
 Operator : SJ/JU
 Sample : J1163-01
 Misc :
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 TP-1-(0-4)

Quant Time: Jan 18 04:03:46 2018
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF010918.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Jan 17 15:28:18 2018
 Response via : Initial Calibration

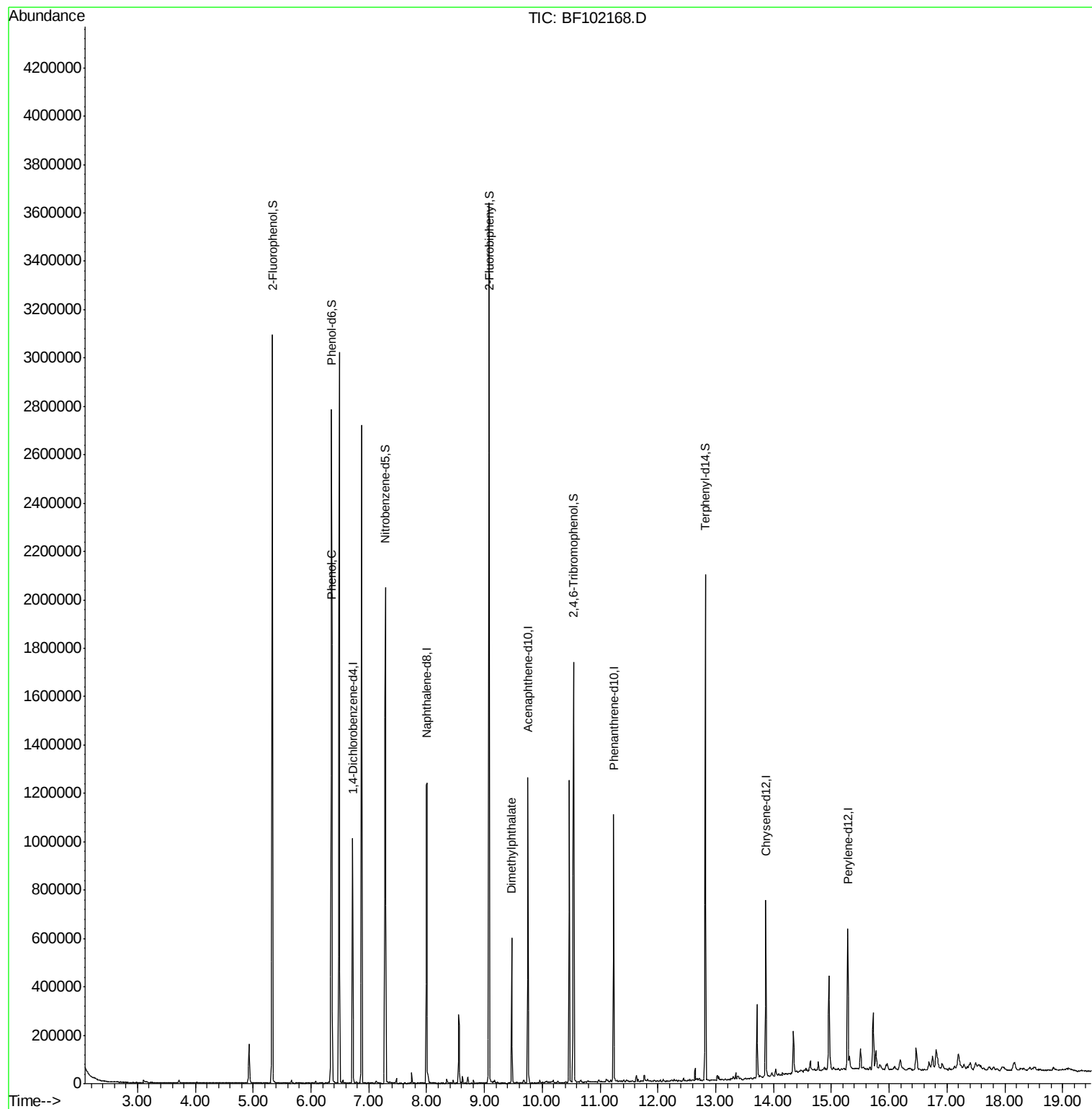
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.72	152	150401	20.00	ng	0.00
21) Naphthalene-d8	8.00	136	587367	20.00	ng	0.00
38) Acenaphthene-d10	9.75	164	245164	20.00	ng	0.00
63) Phenanthrene-d10	11.23	188	362162	20.00	ng	0.00
75) Chrysene-d12	13.87	240	255459	20.00	ng	0.00
86) Perylene-d12	15.29	264	252057	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.33	112	880706	82.69	ng	0.01
7) Phenol-d6	6.36	99	1042813	82.06	ng	0.00
23) Nitrobenzene-d5	7.29	82	639838	64.01	ng	0.00
41) 2,4,6-Tribromophenol	10.55	330	192153	89.81	ng	0.00
44) 2-Fluorobiphenyl	9.08	172	1045561	66.63	ng	0.00
78) Terphenyl-d14	12.82	244	677604	55.07	ng	0.00
Target Compounds						
10) Phenol	6.37	94	47233	3.289	ng	98
49) Dimethylphthalate	9.47	163	226384	11.511	ng	100

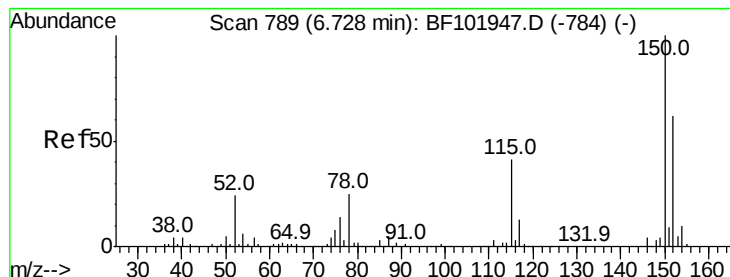
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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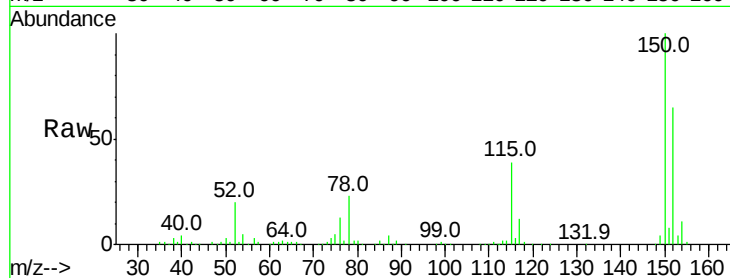


#1

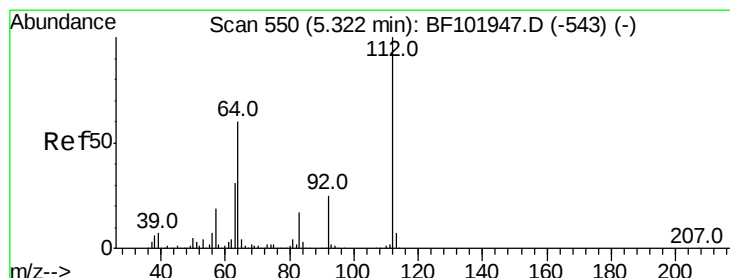
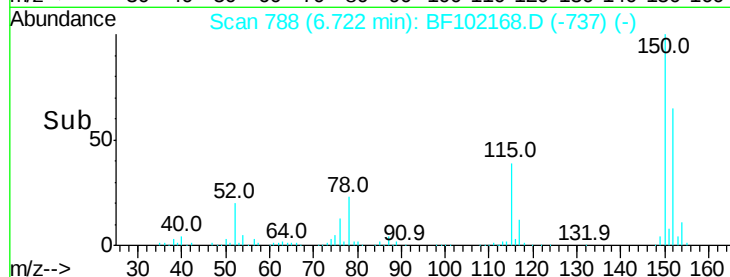
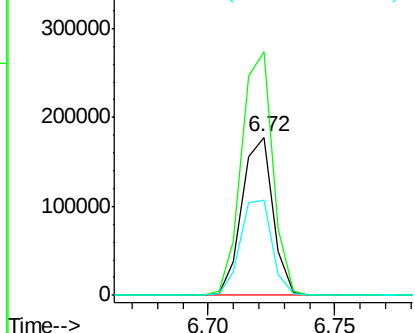
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.72 min Scan# 788
Delta R.T. -0.00 min
Lab File: BF102168.D
Acq: 17 Jan 2018 23:28

Instrument :
BNA_F
ClientSampleId :
TP-1-(0-4)

Tot Ion:152 Resp: 150401
Ion Ratio Lower Upper
152 100
150 153.9 124.6 186.8
115 59.8 50.1 75.1



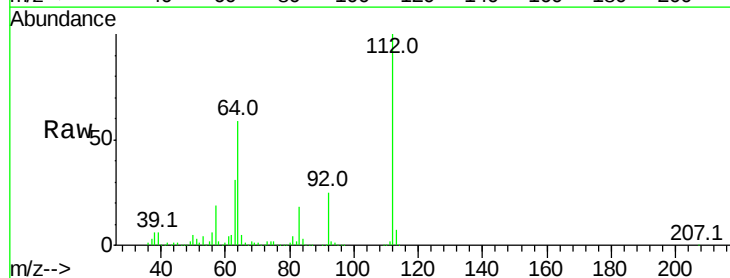
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



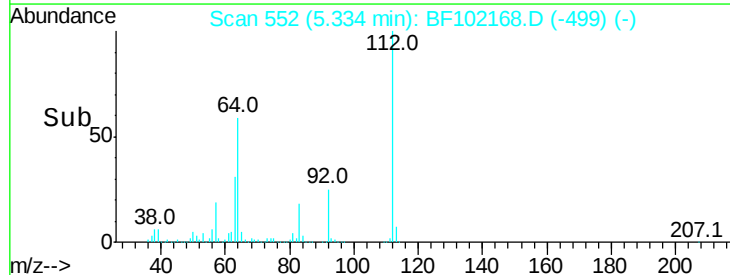
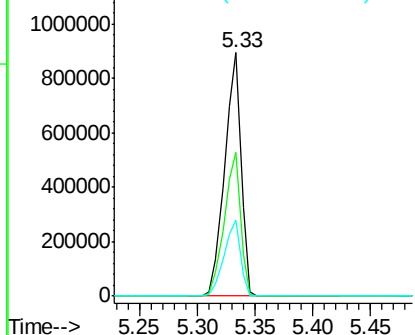
#5

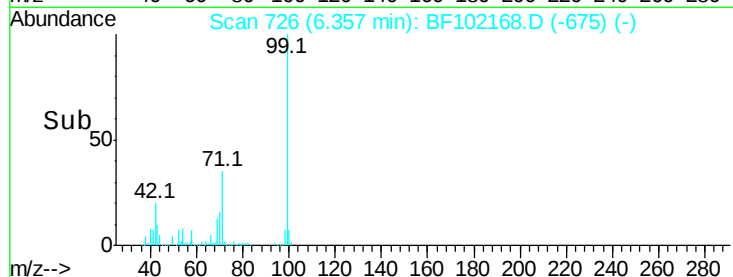
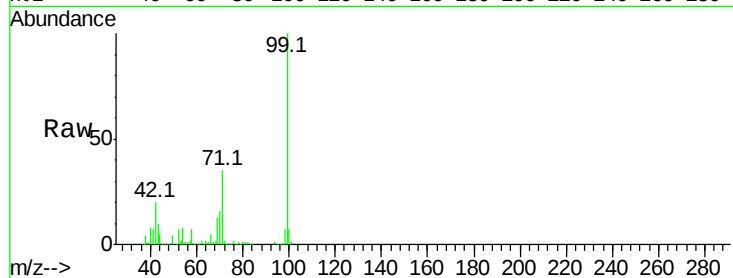
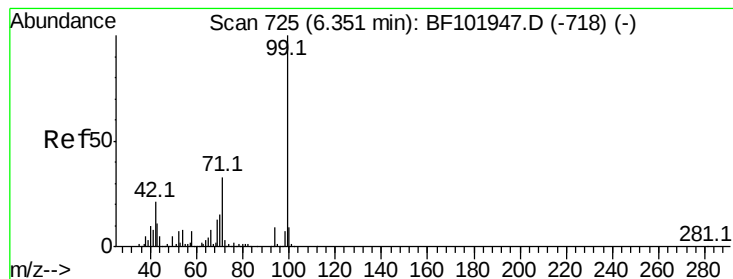
2-Fluorophenol
Concen: 82.688 ng
RT: 5.33 min Scan# 552
Delta R.T. 0.01 min
Lab File: BF102168.D
Acq: 17 Jan 2018 23:28

Tgt Ion:112 Resp: 880706
Ion Ratio Lower Upper
112 100
64 59.0 47.9 71.9
63 31.0 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: 82.061 ng

RT: 6.36 min Scan# 726

Delta R.T. -0.00 min

Lab File: BF102168.D

Acq: 17 Jan 2018 23:28

Instrument :

BNA_F

ClientSampleId :

TP-1-(0-4)

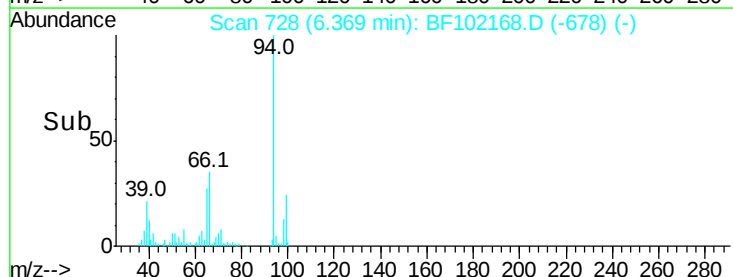
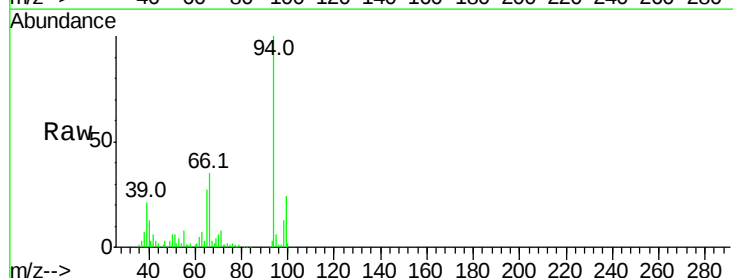
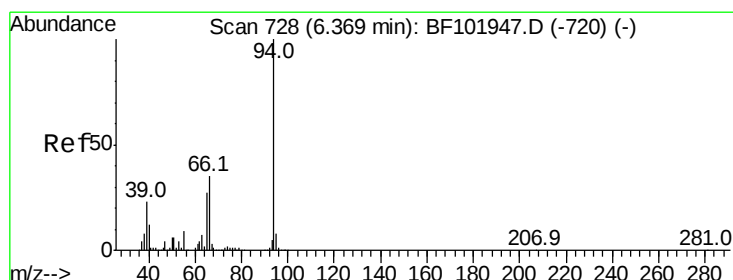
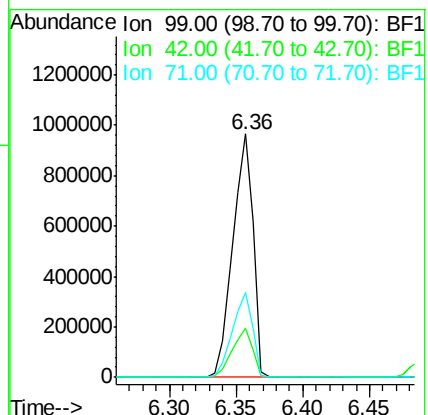
Tot Ion: 99 Resp: 1042813

Ion Ratio Lower Upper

99 100

42 19.9 14.5 21.7

71 34.7 25.4 38.0



#10

Phenol

Concen: 3.289 ng

RT: 6.37 min Scan# 728

Delta R.T. -0.01 min

Lab File: BF102168.D

Acq: 17 Jan 2018 23:28

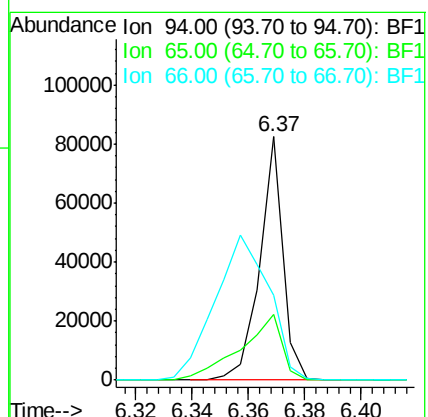
Tgt Ion: 94 Resp: 47233

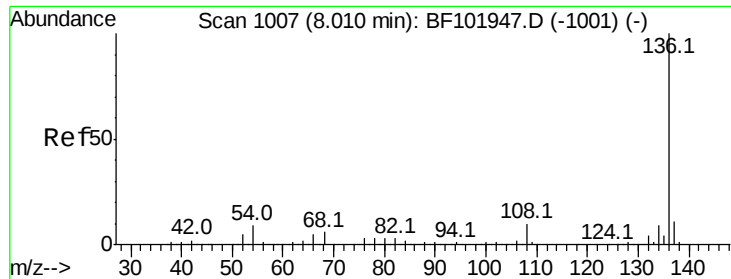
Ion Ratio Lower Upper

94 100

65 26.9 7.9 47.9

66 34.9 16.2 56.2

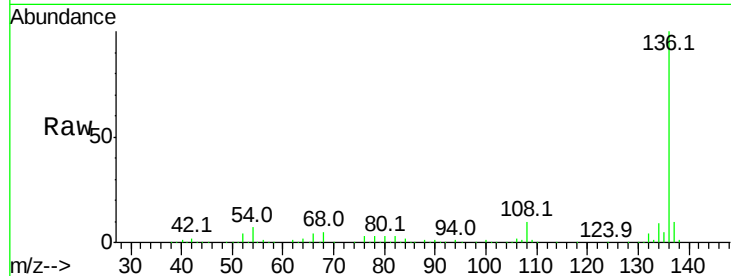




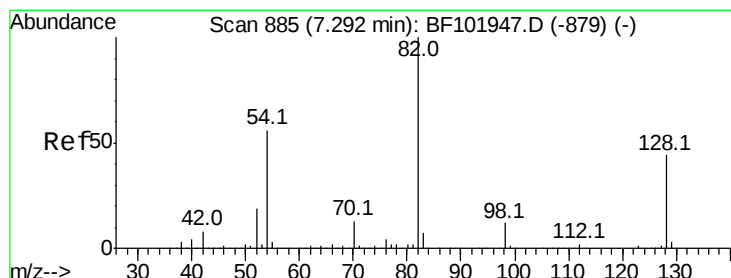
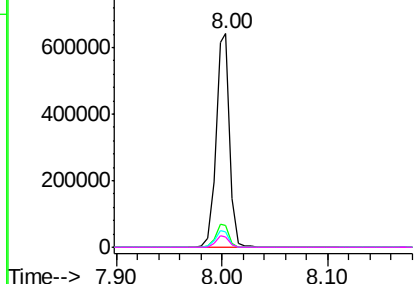
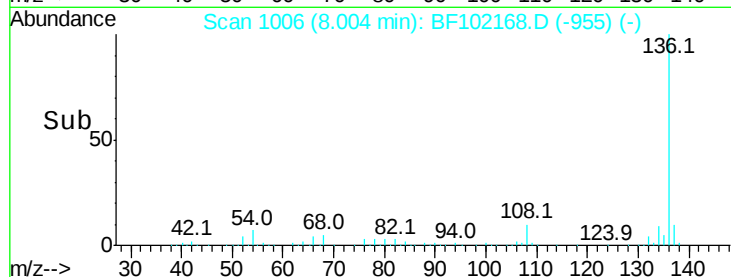
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.00 min Scan# 1006
Delta R.T. -0.00 min
Lab File: BF102168.D
Acq: 17 Jan 2018 23:28

Instrument :
BNA_F
ClientSampleId :
TP-1-(0-4)

Tot Ion:	136	Resp:	587367
Ion	Ratio	Lower	Upper
136	100		
137	10.4	8.9	13.3
54	7.1	6.6	9.8
68	4.8	5.0	7.4#

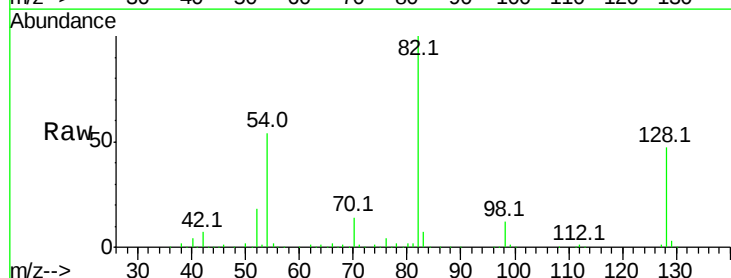


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF1
Ion 68.00 (67.70 to 68.70): BF1

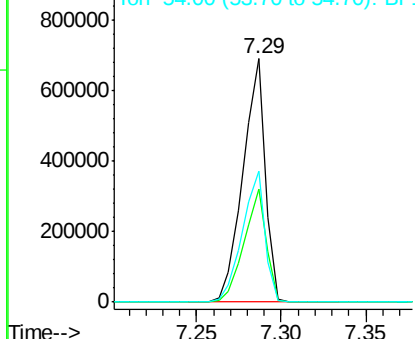
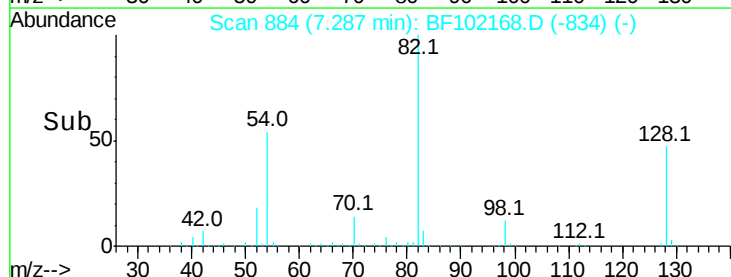


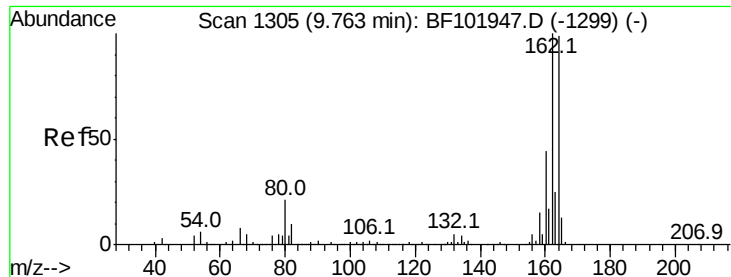
#23
Nitrobenzene-d5
Concen: 64.014 ng
RT: 7.29 min Scan# 884
Delta R.T. -0.01 min
Lab File: BF102168.D
Acq: 17 Jan 2018 23:28

Tgt Ion:	82	Resp:	639838
Ion	Ratio	Lower	Upper
82	100		
128	46.6	36.1	54.1
54	53.7	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: 9.75 min Scan# 1303

Delta R.T. -0.01 min

Lab File: BF102168.D

Acq: 17 Jan 2018 23:28

Instrument :

BNA_F

ClientSampleId :

TP-1-(0-4)

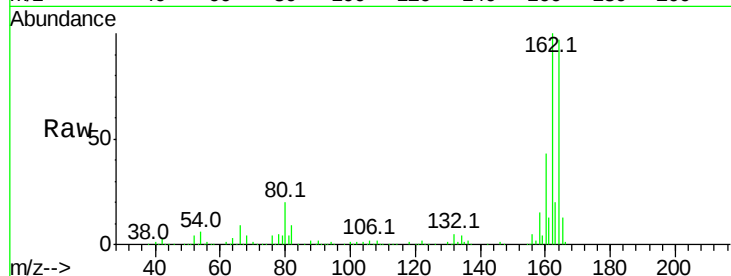
Tot Ion:164 Resp: 245164

Ion Ratio Lower Upper

164 100

162 103.1 86.1 129.1

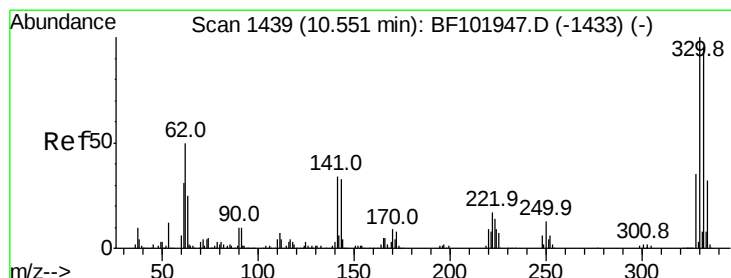
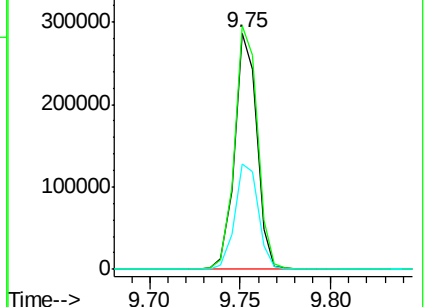
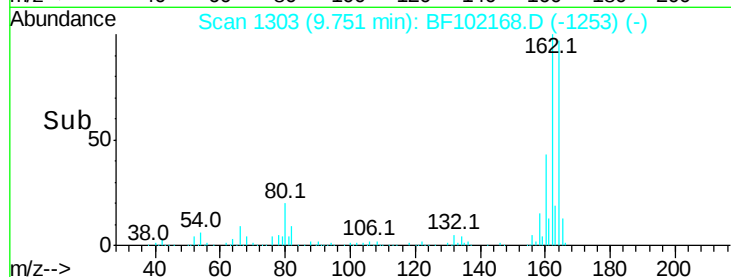
160 44.8 38.3 57.5



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: 89.811 ng

RT: 10.55 min Scan# 1438

Delta R.T. -0.00 min

Lab File: BF102168.D

Acq: 17 Jan 2018 23:28

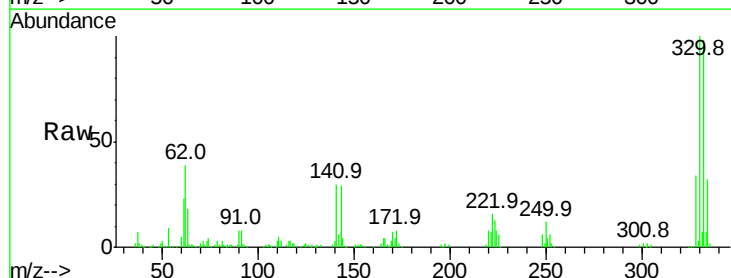
Tgt Ion:330 Resp: 192153

Ion Ratio Lower Upper

330 100

332 97.4 77.0 115.6

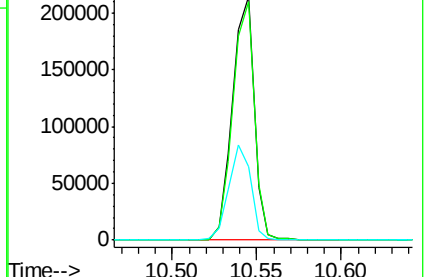
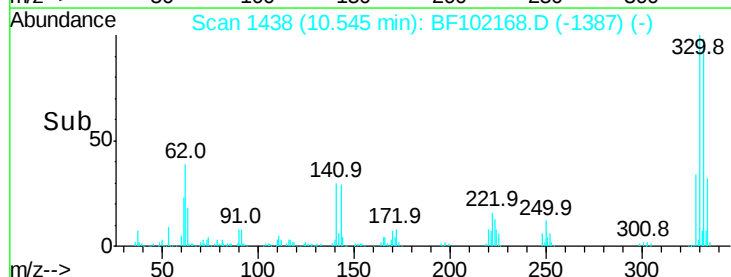
141 39.5 29.9 44.9

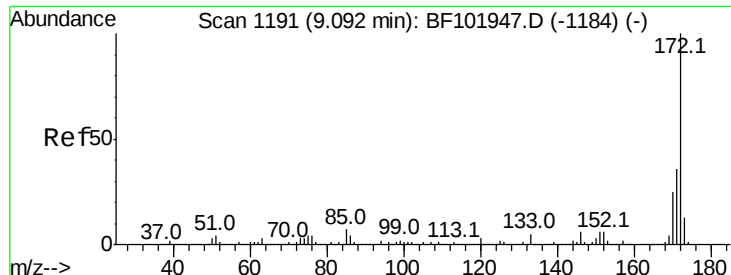


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

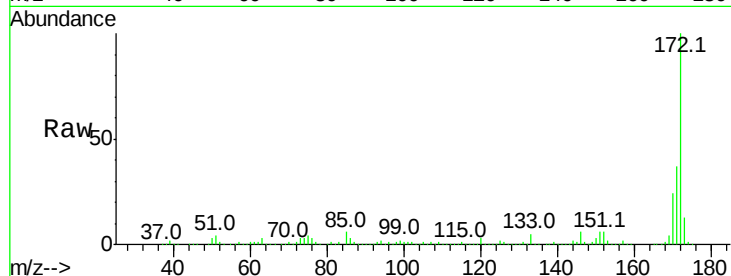




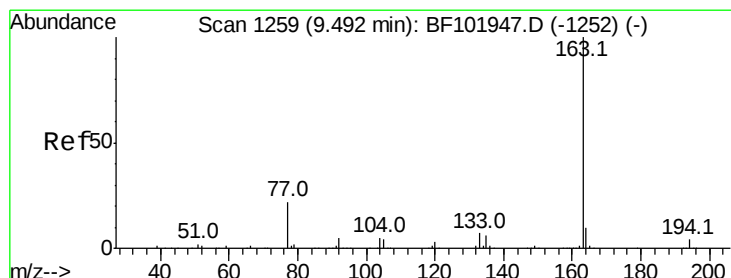
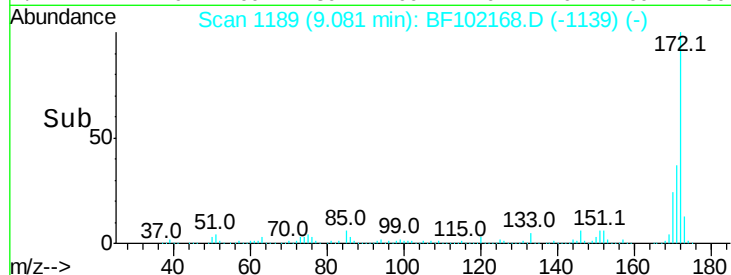
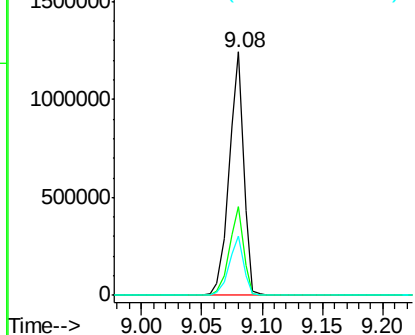
#44
2-Fluorobiphenyl
Concen: 66.627 ng
RT: 9.08 min Scan# 1189
Delta R.T. -0.01 min
Lab File: BF102168.D
Acq: 17 Jan 2018 23:28

Instrument :
BNA_F
ClientSampleId :
TP-1-(0-4)

Tot Ion:172 Resp: 1045561
Ion Ratio Lower Upper
172 100
171 36.6 29.7 44.5
170 24.3 19.6 29.4

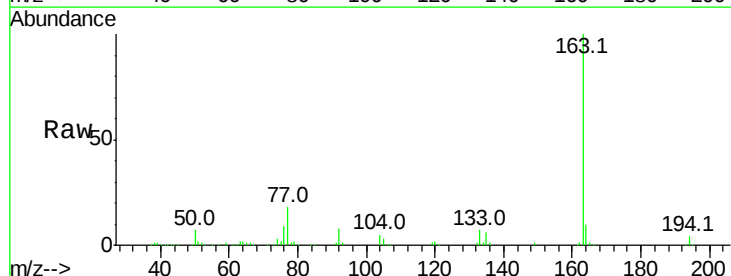


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

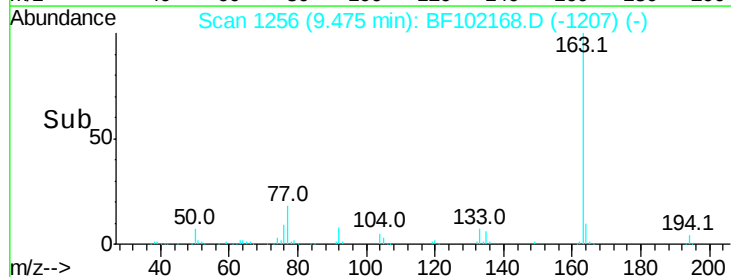
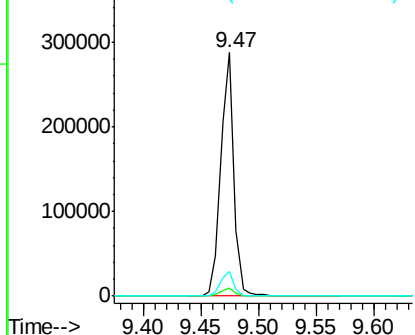


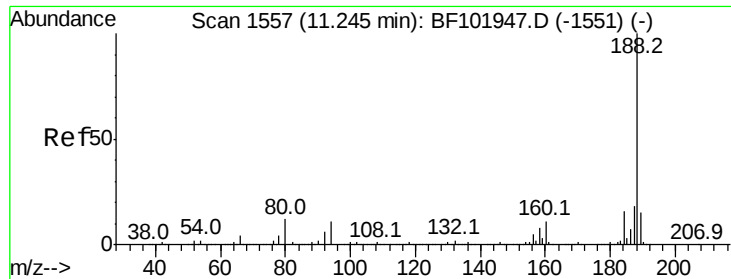
#49
Dimethylphthalate
Concen: 11.511 ng
RT: 9.47 min Scan# 1256
Delta R.T. -0.01 min
Lab File: BF102168.D
Acq: 17 Jan 2018 23:28

Tgt Ion:163 Resp: 226384
Ion Ratio Lower Upper
163 100
194 3.5 2.7 4.1
164 10.2 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

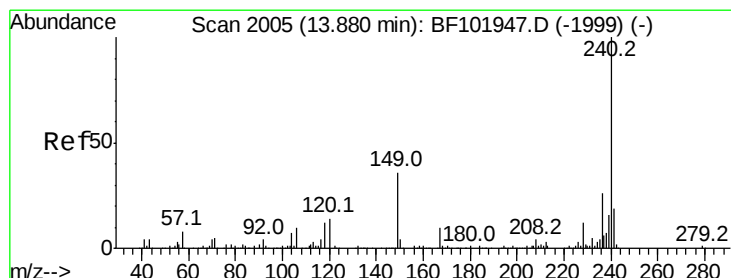
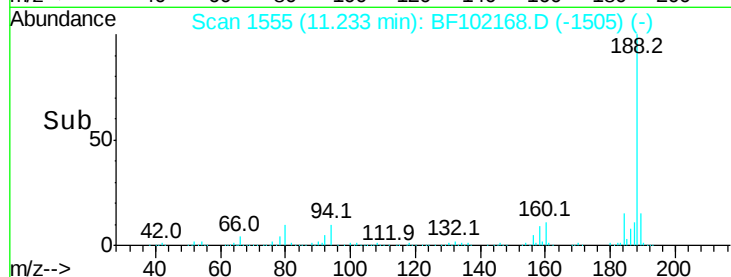
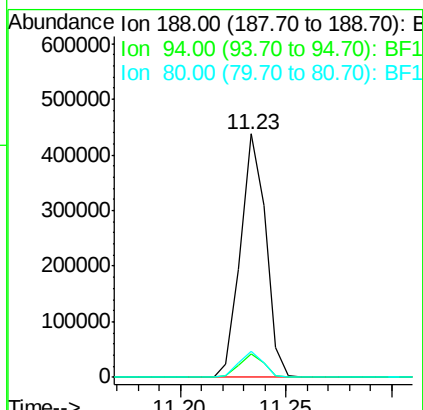
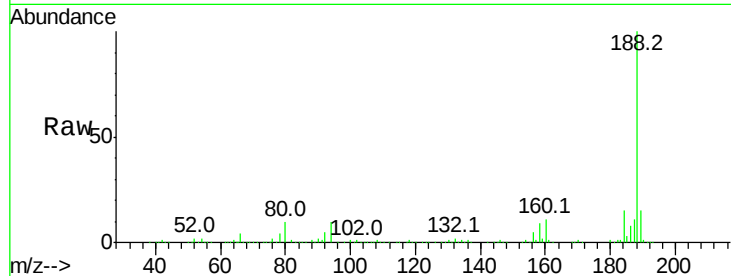




#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.23 min Scan# 1555
Delta R.T. -0.01 min
Lab File: BF102168.D
Acq: 17 Jan 2018 23:28

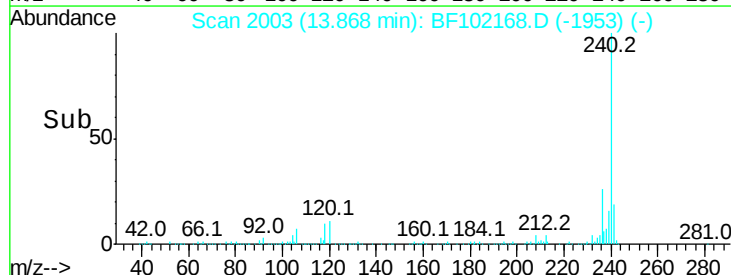
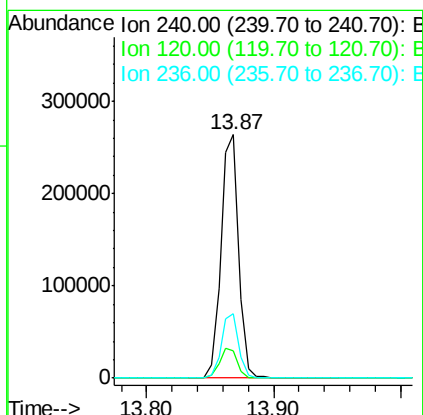
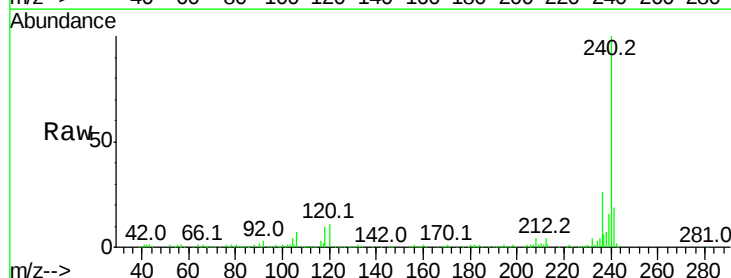
Instrument :
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TP-1-(0-4)

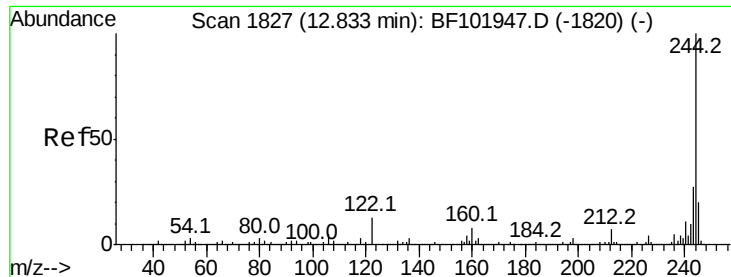
Tot Ion	Ratio	Lower	Upper
188	100		
94	9.6	8.5	12.7
80	10.4	9.2	13.8



#75
Chrysene-d12
Concen: 20.000 ng
RT: 13.87 min Scan# 2003
Delta R.T. -0.01 min
Lab File: BF102168.D
Acq: 17 Jan 2018 23:28

Tgt Ion	Ratio	Lower	Upper
240	100		
120	11.4	9.5	14.3
236	26.2	20.7	31.1

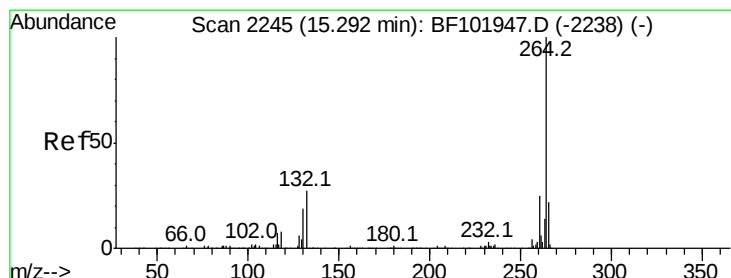
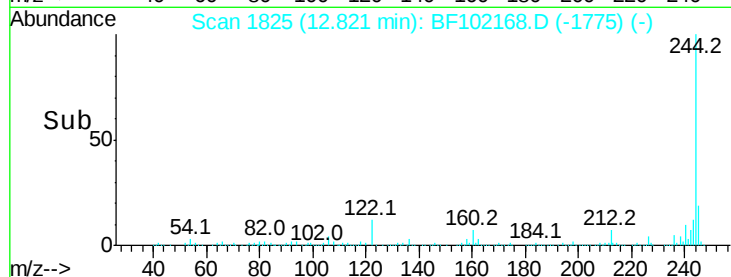
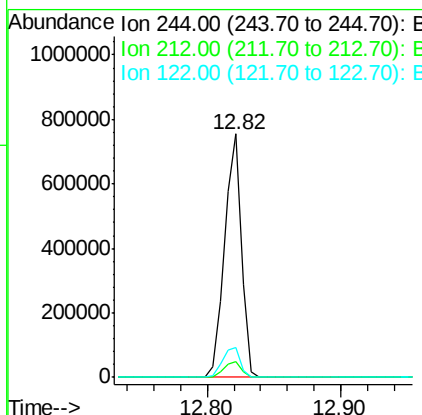
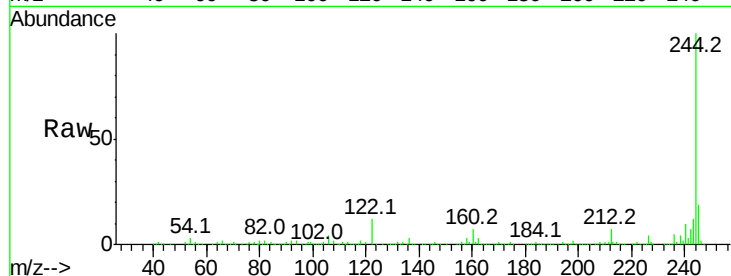




#78
 Terphenyl-d14
 Concen: 55.073 ng
 RT: 12.82 min Scan# 1825
 Delta R.T. -0.01 min
 Lab File: BF102168.D
 Acq: 17 Jan 2018 23:28

Instrument :
 BNA_F
 ClientSampleId :
 TP-1-(0-4)

Tot Ion:244 Resp: 677604
 Ion Ratio Lower Upper
 244 100
 212 6.7 5.4 8.0
 122 12.3 11.0 16.4



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.29 min Scan# 2244
 Delta R.T. -0.00 min
 Lab File: BF102168.D
 Acq: 17 Jan 2018 23:28

Tgt Ion:264 Resp: 252057
 Ion Ratio Lower Upper
 264 100
 260 23.6 19.2 28.8
 265 20.8 17.5 26.3

