

Data Path : Z:\HPCHEM1\BNA F\DATA\BF010418\
 Data File : BF101903.D
 Acq On : 4 Jan 2018 20:49
 Operator : SJ/JU
 Sample : J1012-13 5X
 Misc :
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 JC-03-010318-G

Quant Time: Jan 05 01:35:53 2018
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF121417.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Jan 04 14:22:17 2018
 Response via : Initial Calibration

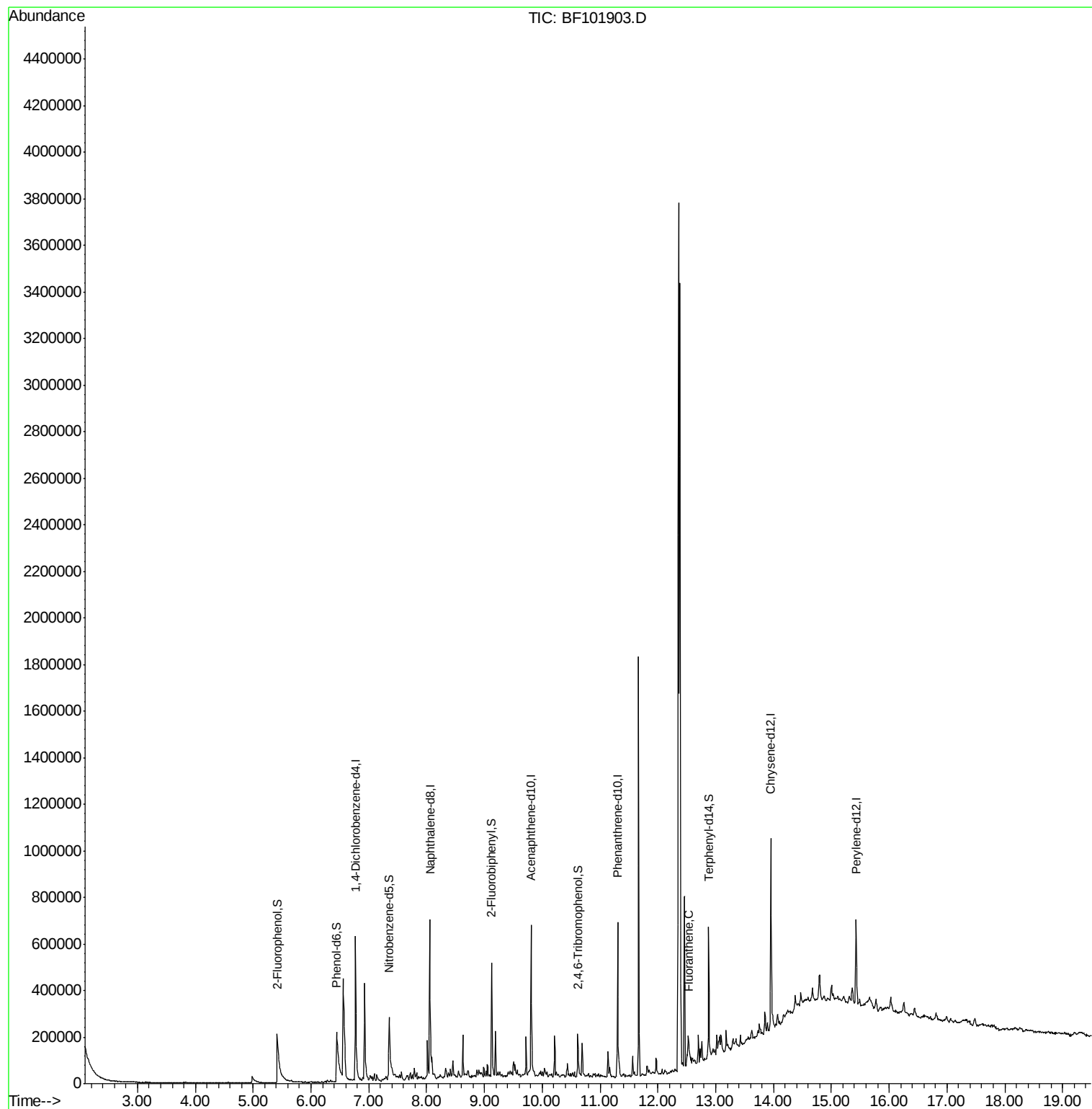
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.77	152	114398	20.00	ng	0.00
21) Naphthalene-d8	8.06	136	402461	20.00	ng	0.00
38) Acenaphthene-d10	9.81	164	136123	20.00	ng	0.00
63) Phenanthrene-d10	11.30	188	244506	20.00	ng	0.00
75) Chrysene-d12	13.96	240	269233	20.00	ng	0.00
86) Perylene-d12	15.43	264	195277	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.42	112	179835	23.42	ng	0.02
7) Phenol-d6	6.45	99	217658	22.77	ng	0.02
23) Nitrobenzene-d5	7.36	82	129418	17.90	ng	0.01
41) 2,4,6-Tribromophenol	10.62	330	23612	18.00	ng	0.01
44) 2-Fluorobiphenyl	9.12	172	176048	20.06	ng	0.00
78) Terphenyl-d14	12.88	244	171121	15.32	ng	0.00
Target Compounds						Qvalue
74) Fluoranthene	12.53	202	35062	2.457	ng	97

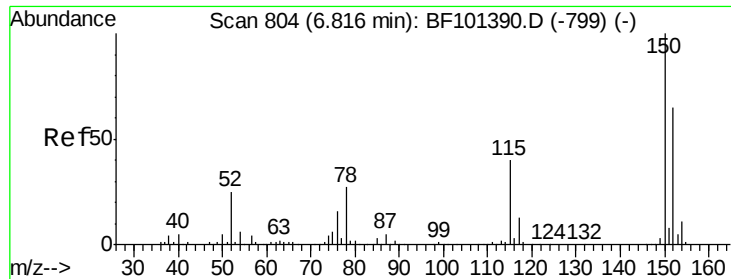
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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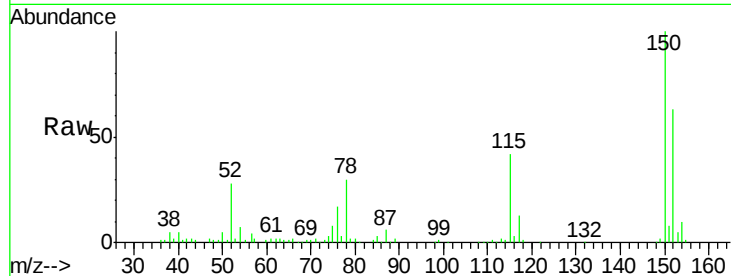


#1

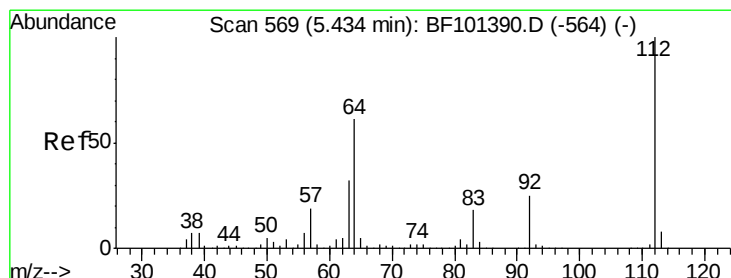
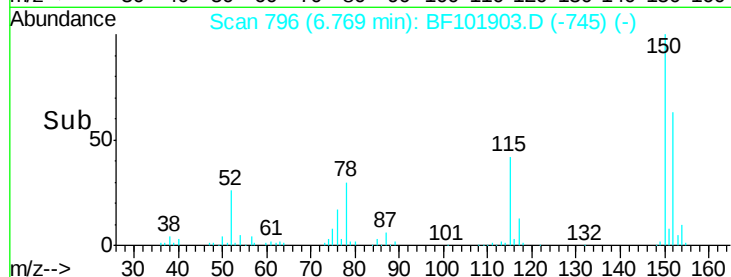
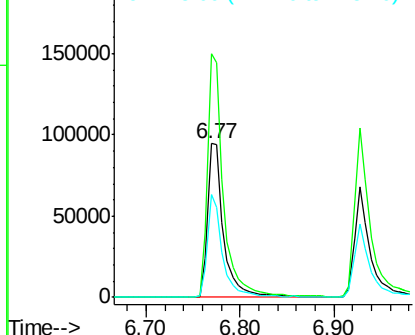
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.77 min Scan# 796
Delta R.T. 0.00 min
Lab File: BF101903.D
Acq: 4 Jan 2018 20:49

Instrument :
BNA_F
ClientSampleId :
JC-03-010318-G

Tot Ion:152 Resp: 114398
Ion Ratio Lower Upper
152 100
150 158.7 124.6 186.8
115 67.3 50.1 75.1



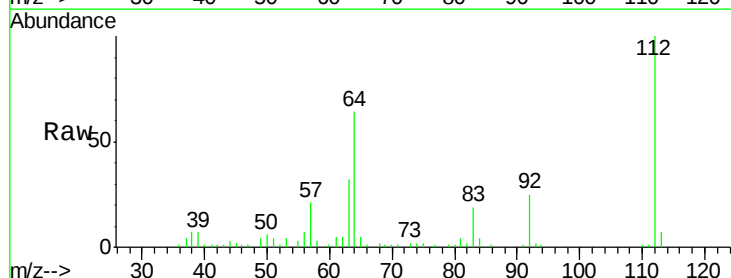
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



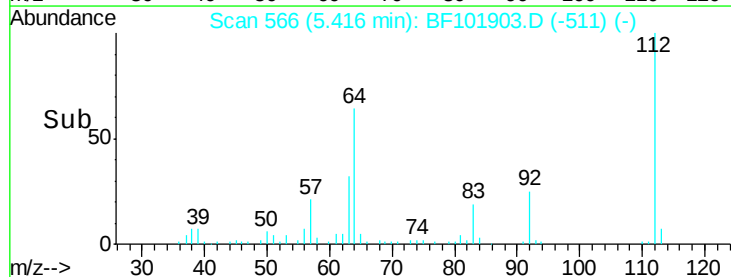
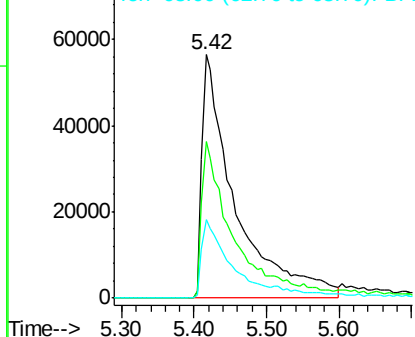
#5

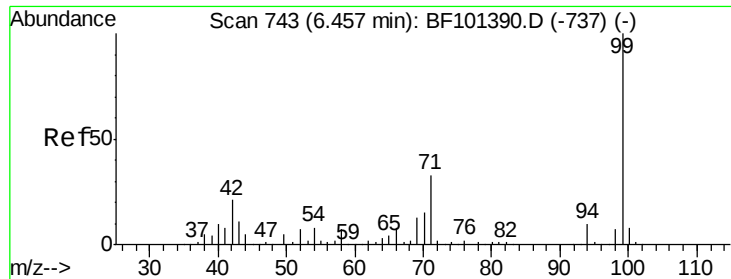
2-Fluorophenol
Concen: 23.416 ng
RT: 5.42 min Scan# 566
Delta R.T. 0.02 min
Lab File: BF101903.D
Acq: 4 Jan 2018 20:49

Tgt Ion:112 Resp: 179835
Ion Ratio Lower Upper
112 100
64 64.2 47.9 71.9
63 32.5 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: 22.773 ng

RT: 6.45 min Scan# 741

Delta R.T. 0.02 min

Lab File: BF101903.D

Acq: 4 Jan 2018 20:49

Instrument :

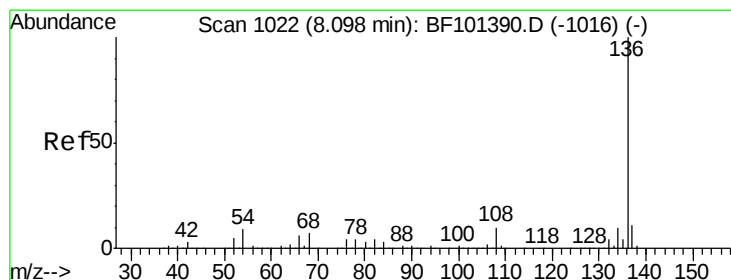
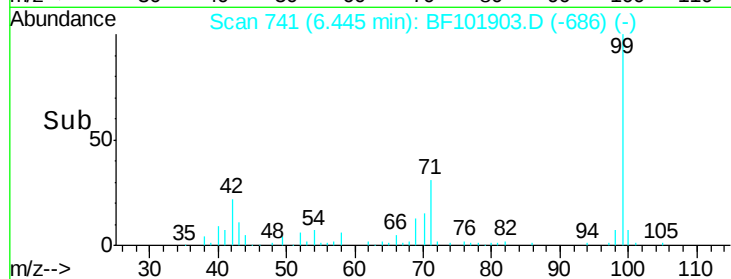
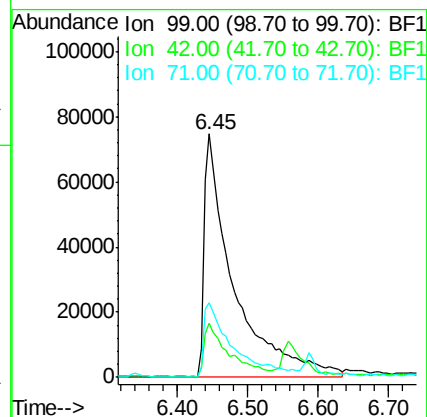
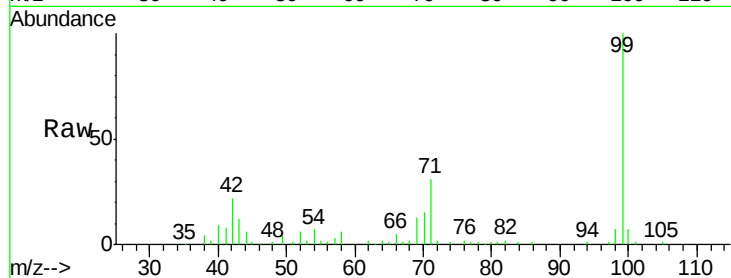
BNA_F

ClientSampleId :

JC-03-010318-G

Tot Ion: 99 Resp: 217658

Ion	Ratio	Lower	Upper
99	100		
42	22.2	14.5	21.7#
71	30.7	25.4	38.0



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.06 min Scan# 1015

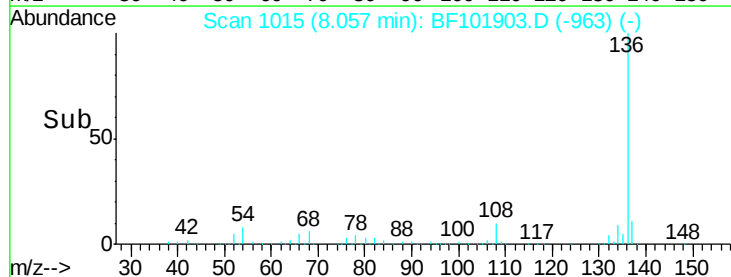
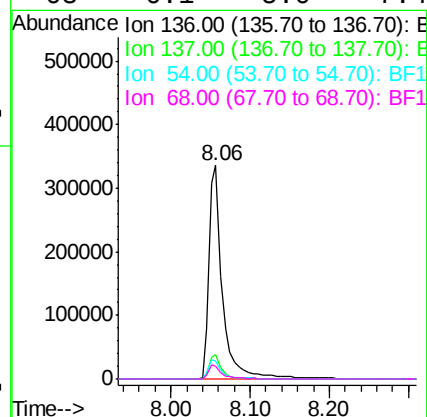
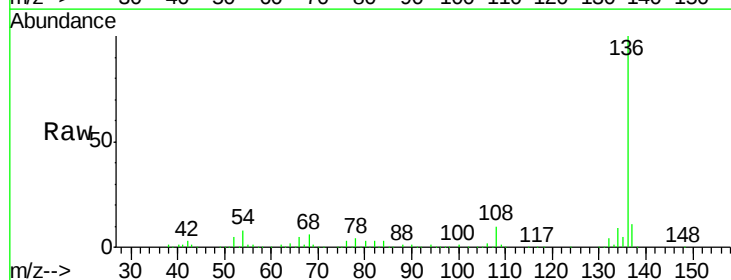
Delta R.T. 0.01 min

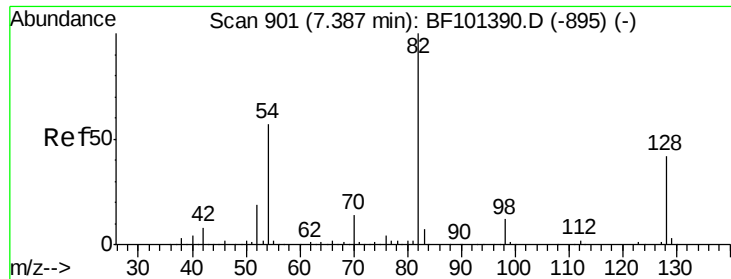
Lab File: BF101903.D

Acq: 4 Jan 2018 20:49

Tgt Ion: 136 Resp: 402461

Ion	Ratio	Lower	Upper
136	100		
137	11.2	8.9	13.3
54	8.5	6.6	9.8
68	6.1	5.0	7.4

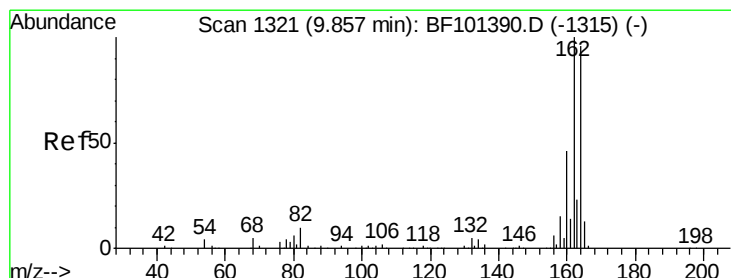
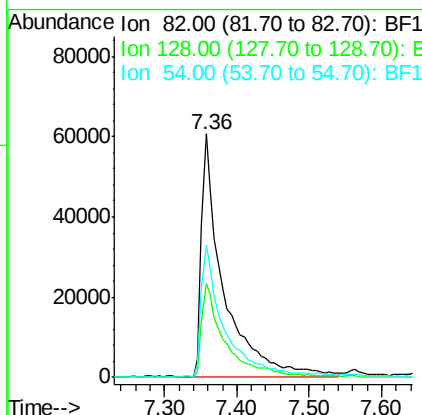
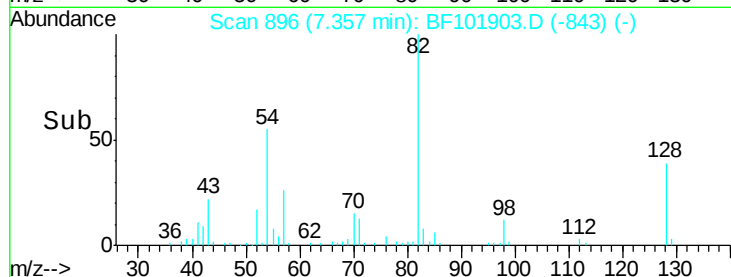
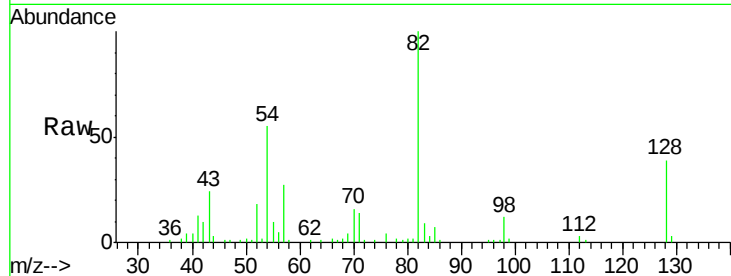




#23
Nitrobenzene-d5
Concen: 17.900 ng
RT: 7.36 min Scan# 896
Delta R.T. 0.01 min
Lab File: BF101903.D
Acq: 4 Jan 2018 20:49

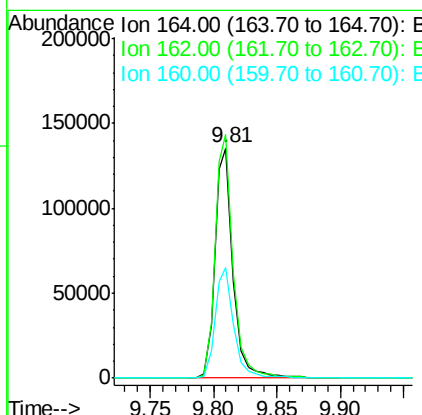
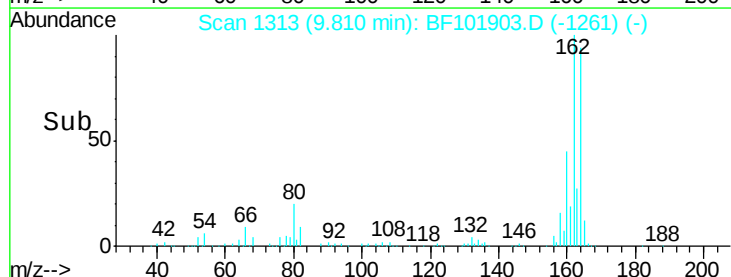
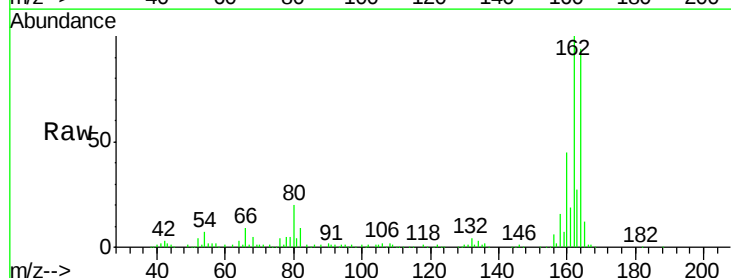
Instrument :
BNA_F
ClientSampleId :
JC-03-010318-G

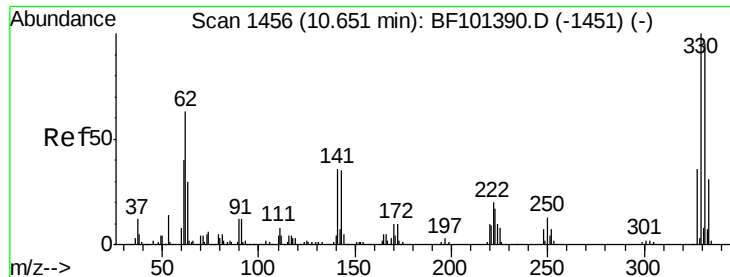
Tot Ion: 82 Resp: 129418
Ion Ratio Lower Upper
82 100
128 38.7 36.1 54.1
54 54.6 41.4 62.2



#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.81 min Scan# 1313
Delta R.T. 0.01 min
Lab File: BF101903.D
Acq: 4 Jan 2018 20:49

Tgt Ion:164 Resp: 136123
Ion Ratio Lower Upper
164 100
162 106.1 86.1 129.1
160 48.2 38.3 57.5

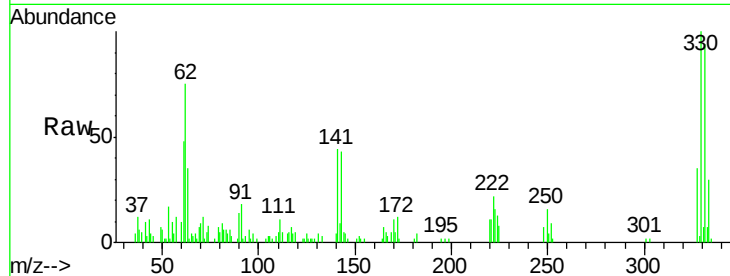




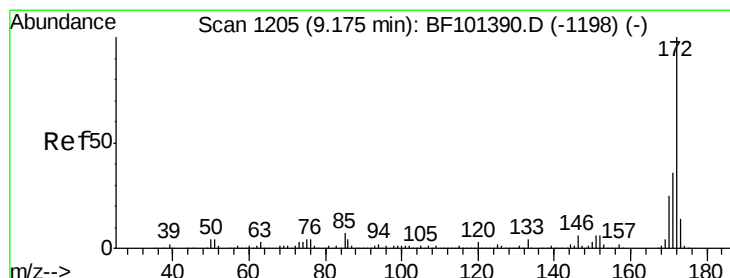
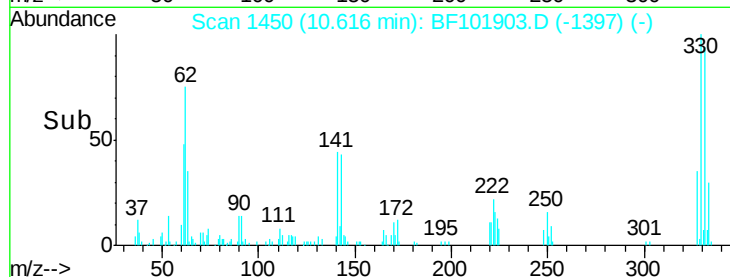
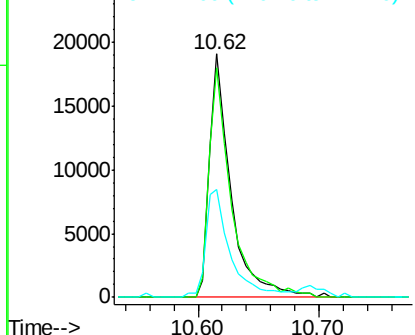
#41
 2,4,6-Tribromophenol
 Concen: 18.002 ng
 RT: 10.62 min Scan# 1450
 Delta R.T. 0.01 min
 Lab File: BF101903.D
 Acq: 4 Jan 2018 20:49

Instrument :
 BNA_F
 ClientSampleId :
 JC-03-010318-G

Tot Ion:330 Resp: 23612
 Ion Ratio Lower Upper
 330 100
 332 97.4 77.0 115.6
 141 50.9 29.9 44.9#

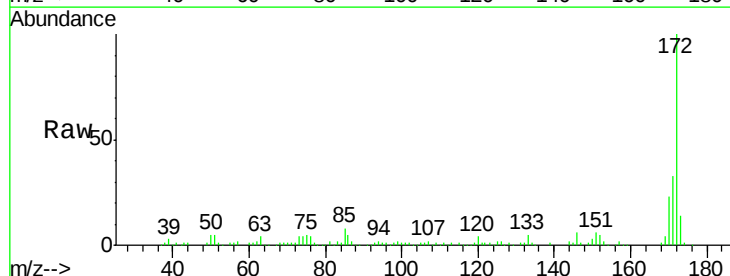


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

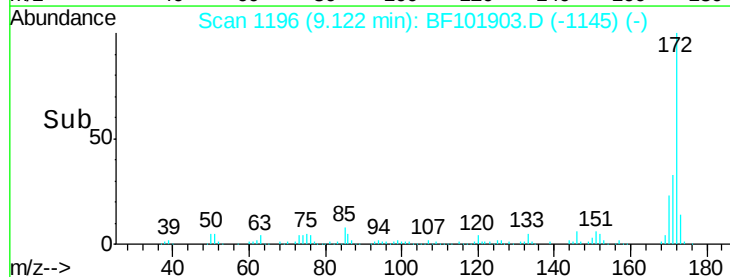
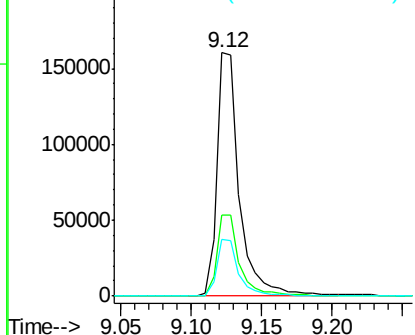


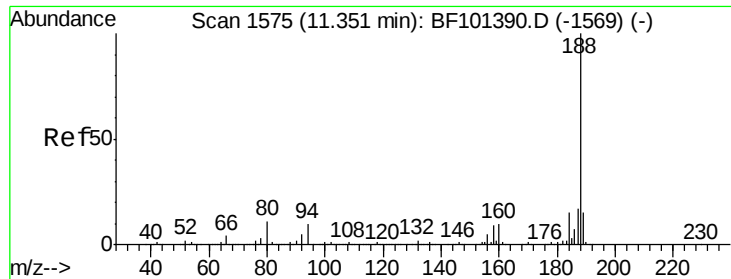
#44
 2-Fluorobiphenyl
 Concen: 20.062 ng
 RT: 9.12 min Scan# 1196
 Delta R.T. 0.00 min
 Lab File: BF101903.D
 Acq: 4 Jan 2018 20:49

Tgt Ion:172 Resp: 176048
 Ion Ratio Lower Upper
 172 100
 171 33.3 29.7 44.5
 170 23.4 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

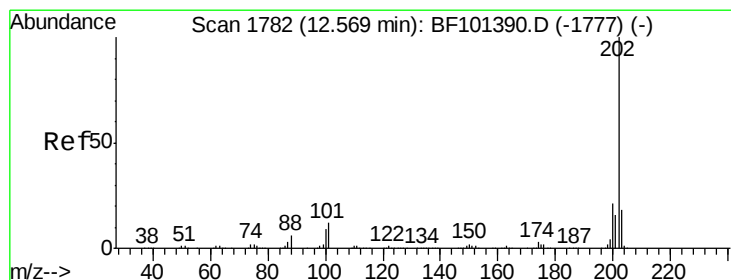
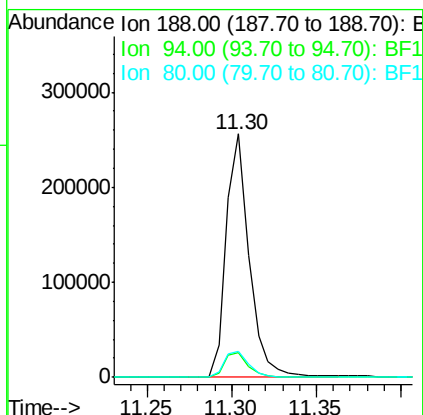
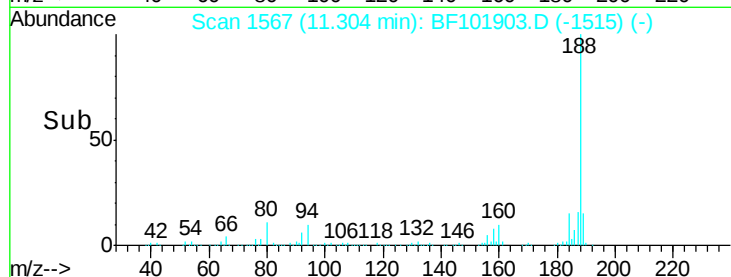
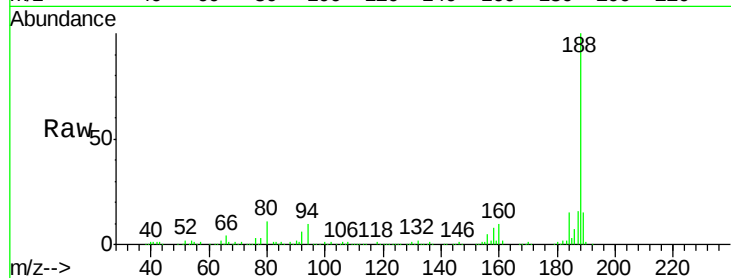




#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.30 min Scan# 1567
Delta R.T. 0.01 min
Lab File: BF101903.D
Acq: 4 Jan 2018 20:49

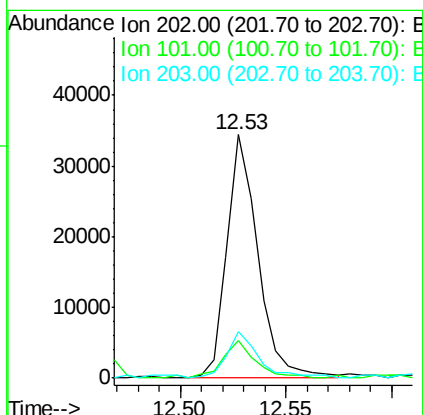
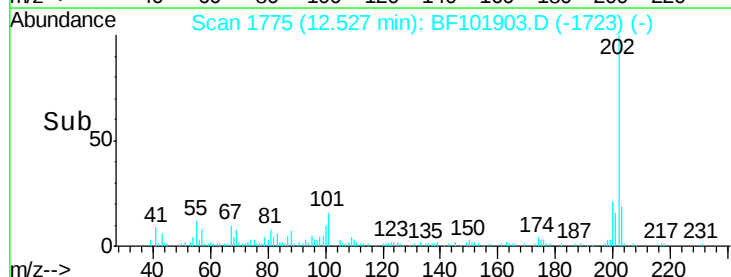
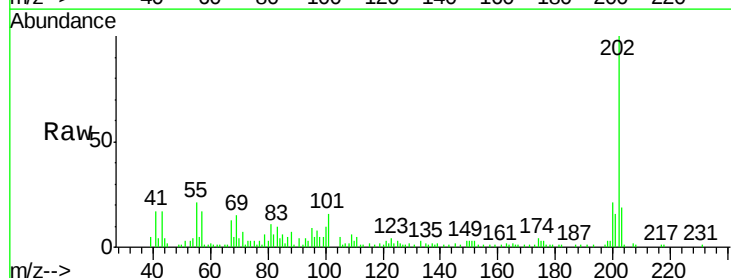
Instrument :
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ClientSampleId :
JC-03-010318-G

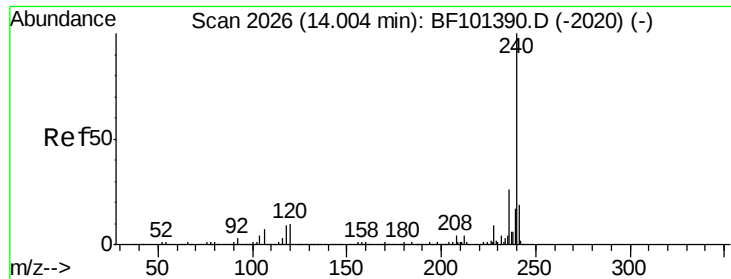
Tot Ion:188 Resp: 244506
Ion Ratio Lower Upper
188 100
94 10.2 8.5 12.7
80 10.9 9.2 13.8



#74
Fluoranthene
Concen: 2.457 ng
RT: 12.53 min Scan# 1775
Delta R.T. 0.01 min
Lab File: BF101903.D
Acq: 4 Jan 2018 20:49

Tgt Ion:202 Resp: 35062
Ion Ratio Lower Upper
202 100
101 15.5 0.0 34.1
203 19.3 0.0 38.1





#75

Chrysene-d12

Concen: 20.000 ng

RT: 13.96 min Scan# 2018

Delta R.T. 0.00 min

Lab File: BF101903.D

Acq: 4 Jan 2018 20:49

Instrument :

BNA_F

ClientSampleId :

JC-03-010318-G

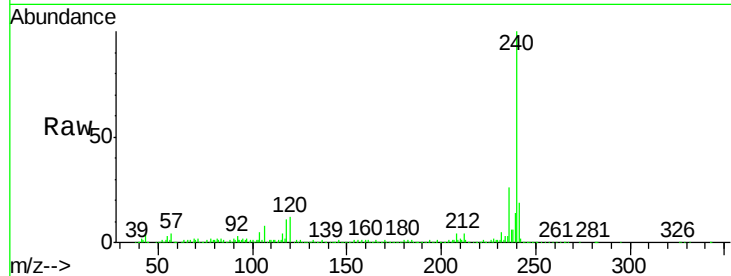
Tot Ion:240 Resp: 269233

Ion Ratio Lower Upper

240 100

120 11.8 9.5 14.3

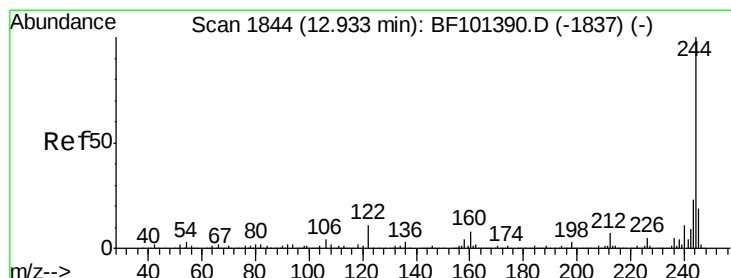
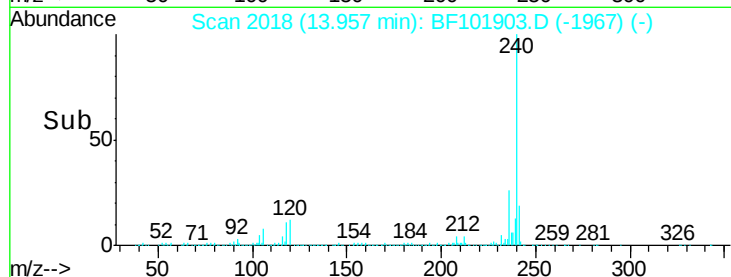
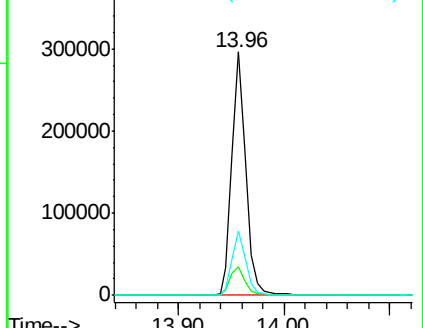
236 26.3 20.7 31.1



Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E



#78

Terphenyl-d14

Concen: 15.323 ng

RT: 12.88 min Scan# 1835

Delta R.T. 0.00 min

Lab File: BF101903.D

Acq: 4 Jan 2018 20:49

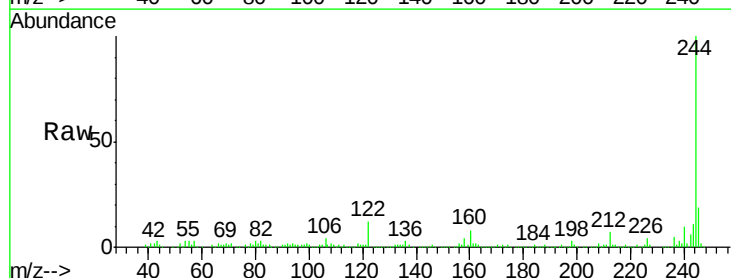
Tgt Ion:244 Resp: 171121

Ion Ratio Lower Upper

244 100

212 6.9 5.4 8.0

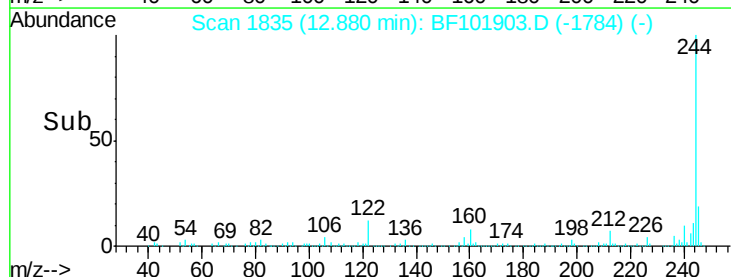
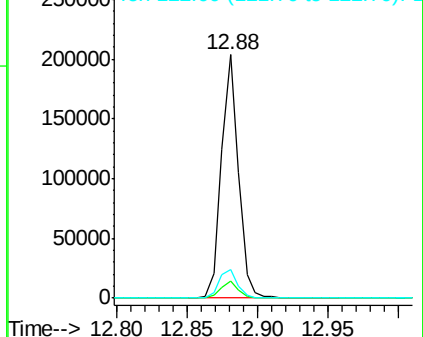
122 11.6 11.0 16.4

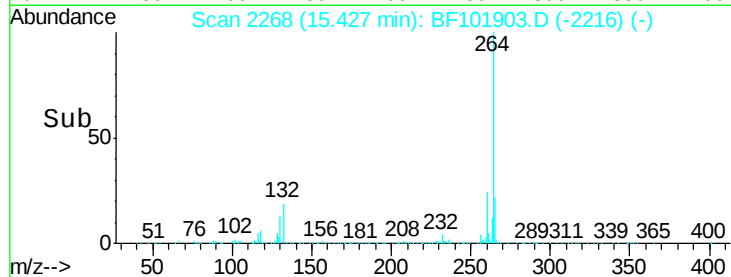
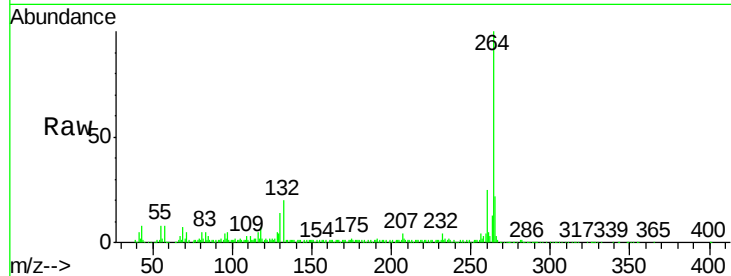
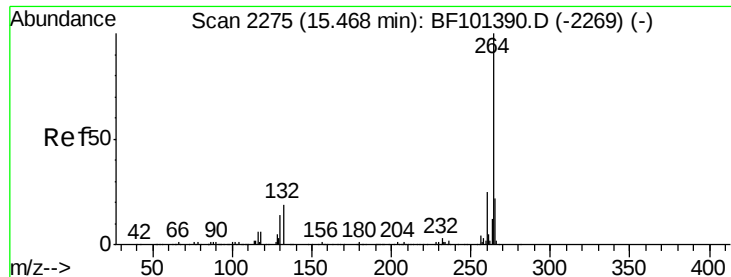


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E





#86
 Pervlene-d12
 Concen: 20.000 ng
 RT: 15.43 min Scan# 2268
 Delta R.T. 0.01 min
 Lab File: BF101903.D
 Acq: 4 Jan 2018 20:49

Instrument :
 BNA_F
 ClientSampleId :
 JC-03-010318-G

Tot Ion	Ratio	Lower	Upper
264	100		
260	24.5	19.2	28.8
265	22.0	17.5	26.3

