

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF121418\
 Data File : BF111436.D
 Acq On : 14 Dec 2018 23:16
 Operator : JU/SJ
 Sample : J6376-01
 Misc :
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 TEST-PIT-1

Quant Time: Dec 15 00:05:04 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF121418.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Dec 14 13:26:17 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.79	152	173067	20.00	ng	0.00
21) Naphthalene-d8	8.07	136	653602	20.00	ng	0.00
39) Acenaphthene-d10	9.83	164	345462	20.00	ng	0.00
64) Phenanthrene-d10	11.32	188	505595	20.00	ng	0.00
76) Chrysene-d12	13.95	240	407630	20.00	ng	0.00
87) Perylene-d12	15.39	264	295004	20.00	ng	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
5) 2-Fluorophenol	5.42	112	1141825	109.79	ng	0.00
7) Phenol-d6	6.44	99	1451238	104.90	ng	0.00
23) Nitrobenzene-d5	7.36	82	865796	78.88	ng	0.00
42) 2,4,6-Tribromophenol	10.62	330	285613	92.29	ng	0.00
45) 2-Fluorobiphenyl	9.15	172	1675678	74.92	ng	0.00
79) Terphenyl-d14	12.90	244	1176863	67.80	ng	0.00

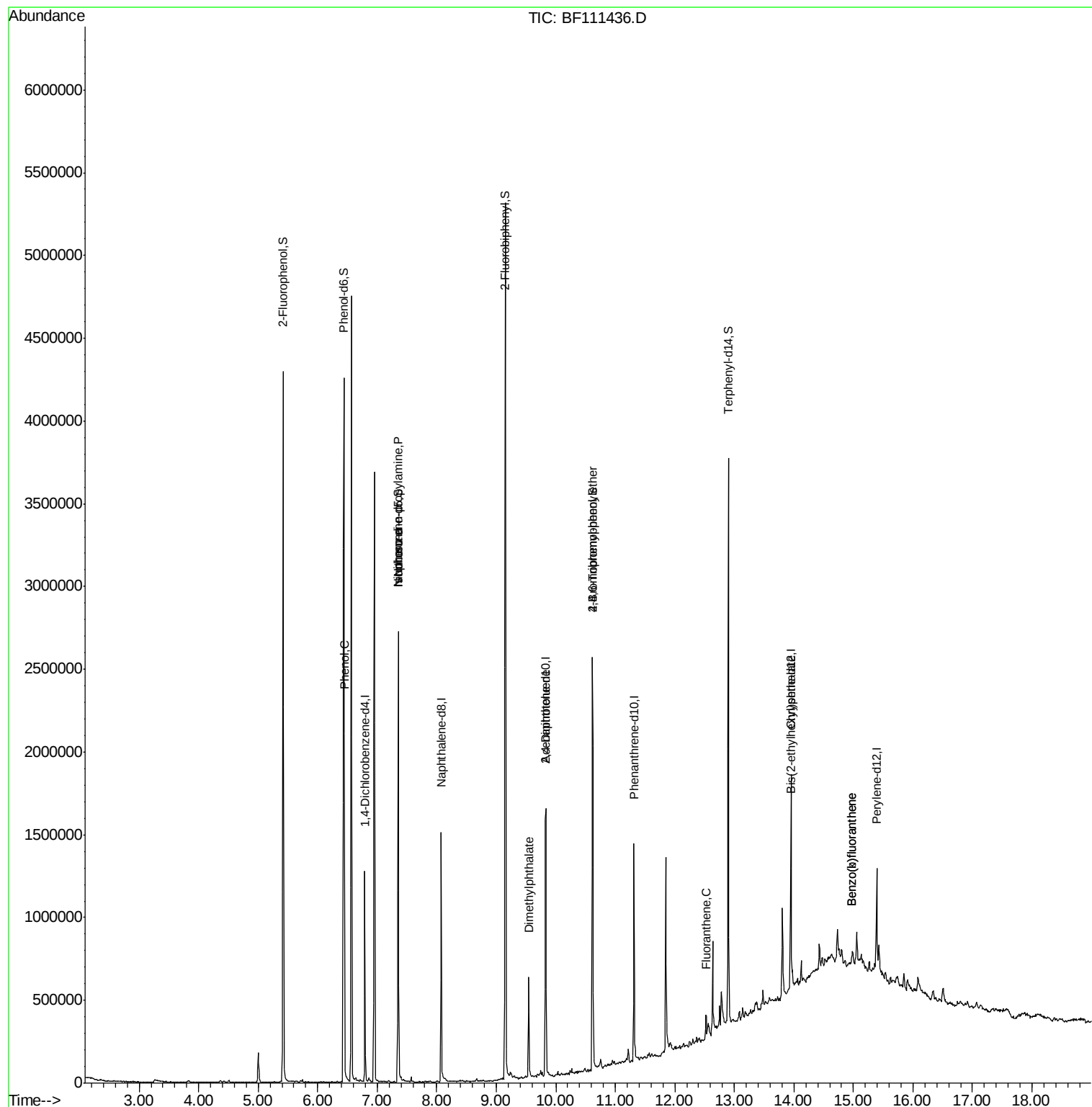
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
10) Phenol	6.45	94	100000	6.489	ng	92
19) n-Nitroso-di-n-propylamine	7.36	70	113841	12.473	ng	# 79
25) Isophorone	7.36	82	865786	46.619	ng	# 64
50) Dimethylphthalate	9.55	163	235712	9.474	ng	98
57) 2,4-Dinitrotoluene	9.83	165	45724	6.221	ng	# 25
67) 4-Bromophenyl-phenylether	10.62	248	17962	3.296	ng	# 1
75) Fluoranthene	12.53	202	57407	2.252	ng	98
84) Bis(2-ethylhexyl)phthalate	13.94	149	66451	3.714	ng	# 99
88) Benzo(b)fluoranthene	14.97	252	40568	2.359	ng	# 73
89) Benzo(k)fluoranthene	14.97	252	40568	2.469	ng	# 73

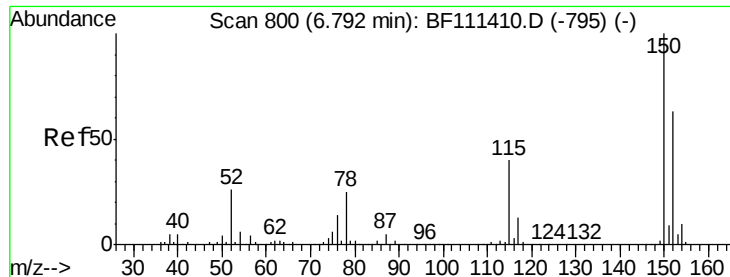
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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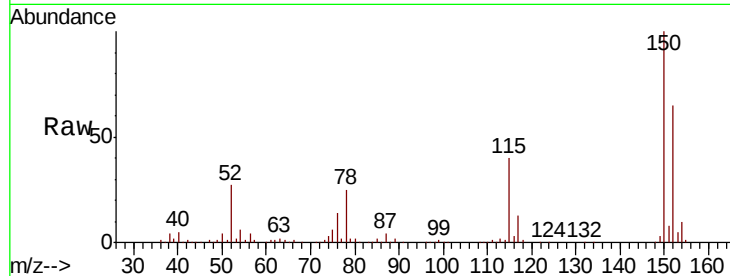




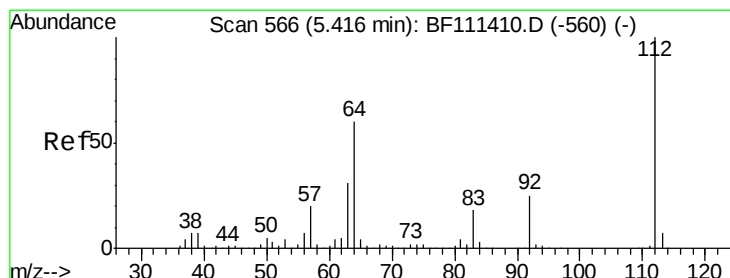
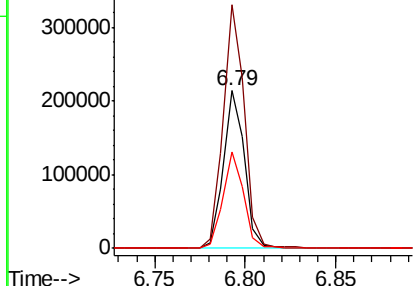
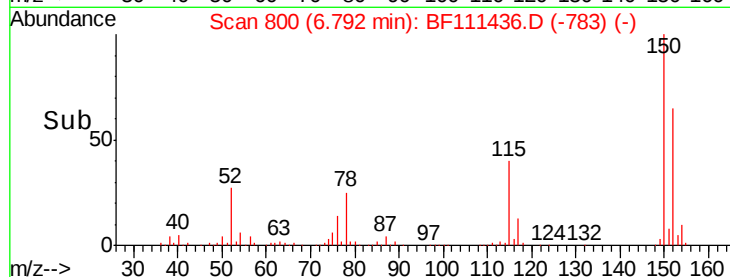
#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.79 min Scan# 800
 Delta R.T. 0.00 min
 Lab File: BF111436.D
 Acq: 14 Dec 2018 23:16

Instrument :
 BNA_G
 ClientSampleId :
 TEST-PIT-1

Tgt Ion:152 Resp: 173067
 Ion Ratio Lower Upper
 152 100
 150 154.5 126.6 189.8
 115 61.4 50.7 76.1

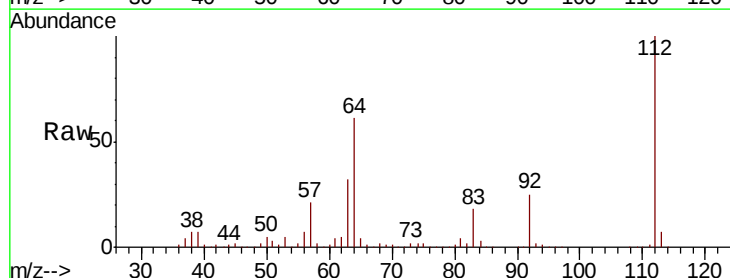


Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E

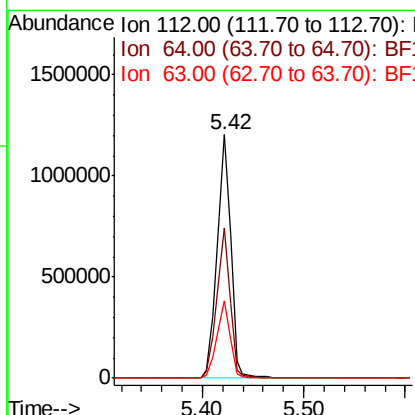
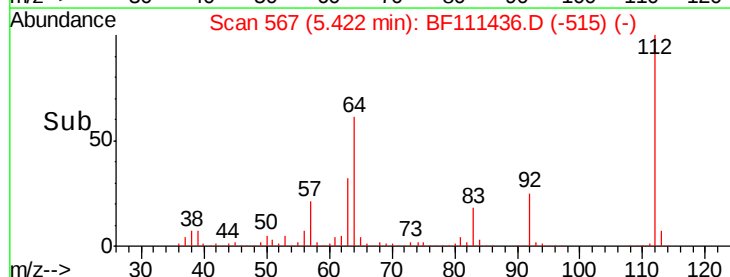


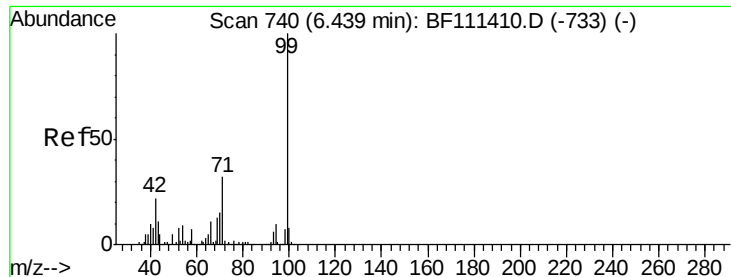
#5
 2-Fluorophenol
 Concen: 109.788 ng
 RT: 5.42 min Scan# 567
 Delta R.T. 0.01 min
 Lab File: BF111436.D
 Acq: 14 Dec 2018 23:16

Tgt Ion:112 Resp: 1141825
 Ion Ratio Lower Upper
 112 100
 64 61.5 51.8 77.6
 63 31.8 26.8 40.2



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: 104.902 ng

RT: 6.44 min Scan# 740

Delta R.T. 0.00 min

Lab File: BF111436.D

Acq: 14 Dec 2018 23:16

Instrument :

BNA_G

ClientSampleId :

TEST-PIT-1

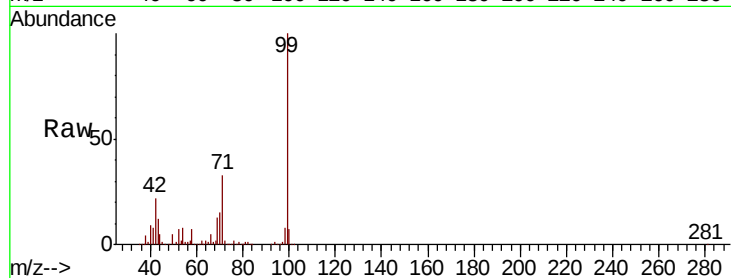
Tgt Ion: 99 Resp: 1451238

Ion Ratio Lower Upper

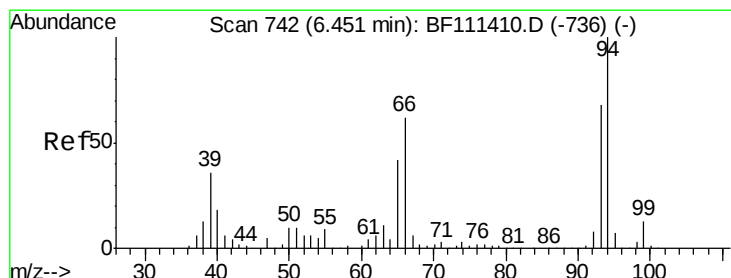
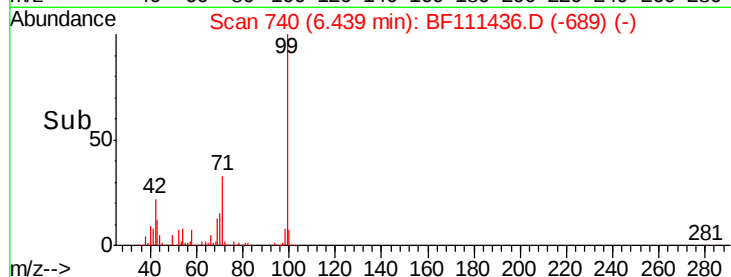
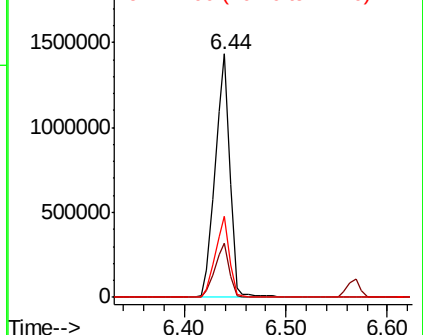
99 100

42 22.2 17.4 26.0

71 33.2 26.1 39.1



Abundance Ion 99.00 (98.70 to 99.70): BF1
Ion 42.00 (41.70 to 42.70): BF1
Ion 71.00 (70.70 to 71.70): BF1



#10

Phenol

Concen: 6.489 ng

RT: 6.45 min Scan# 742

Delta R.T. -0.00 min

Lab File: BF111436.D

Acq: 14 Dec 2018 23:16

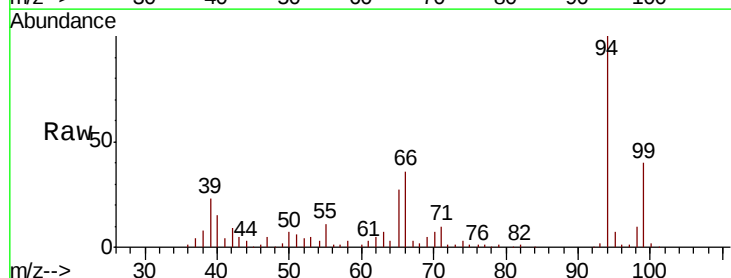
Tgt Ion: 94 Resp: 100000

Ion Ratio Lower Upper

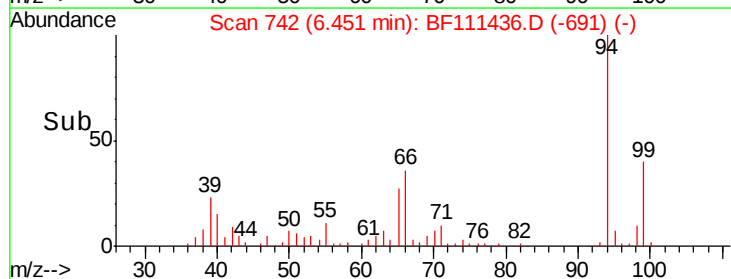
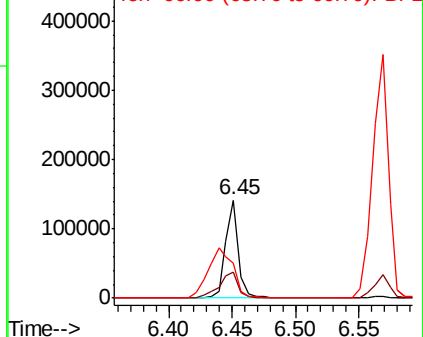
94 100

65 27.2 11.7 51.7

66 36.0 21.0 61.0



Abundance Ion 94.00 (93.70 to 94.70): BF1
Ion 65.00 (64.70 to 65.70): BF1
Ion 66.00 (65.70 to 66.70): BF1

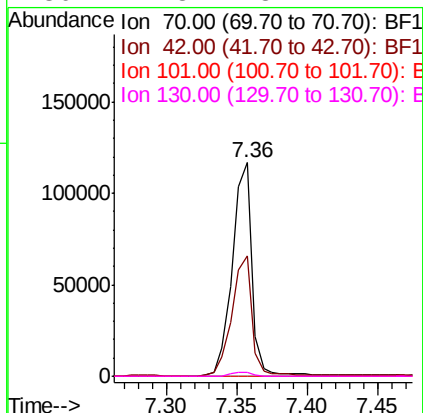
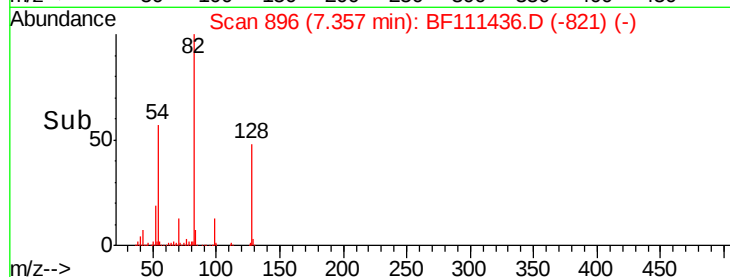
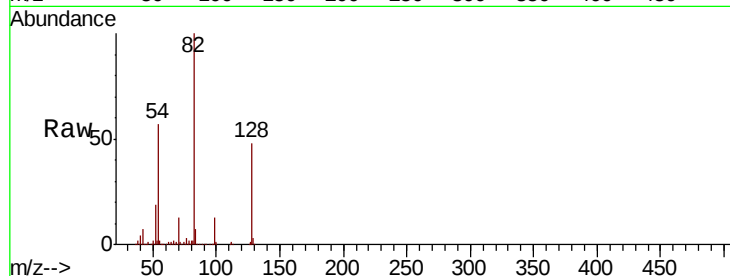




#19
n-Nitroso-di-n-propylamine
Concen: 12.473 ng
RT: 7.36 min Scan# 896
Delta R.T. 0.14 min
Lab File: BF111436.D
Acq: 14 Dec 2018 23:16

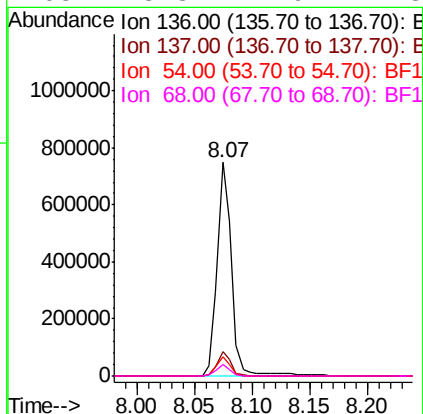
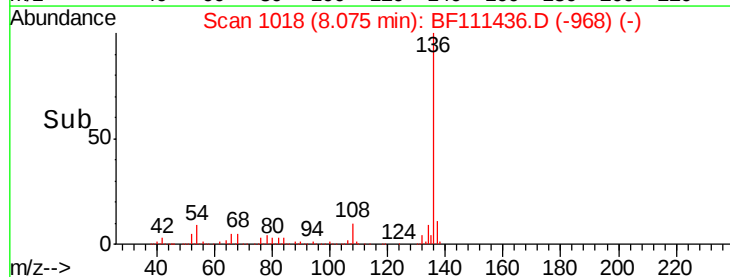
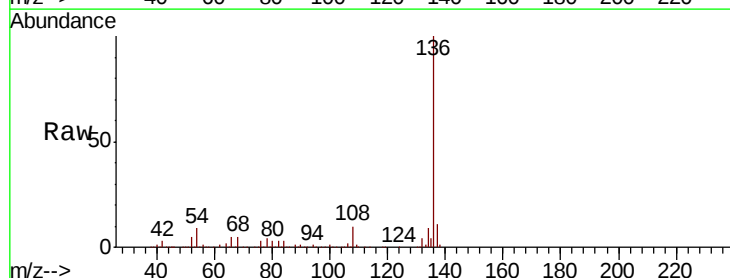
Instrument :
BNA_G
ClientSampleId :
TEST-PIT-1

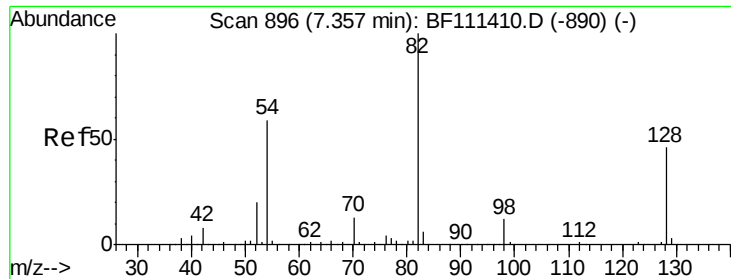
Tgt Ion: 70 Resp: 113841
Ion Ratio Lower Upper
70 100
42 56.2 53.2 79.8
101 0.0 8.2 12.4#
130 1.8 18.1 27.1#



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.07 min Scan# 1018
Delta R.T. -0.01 min
Lab File: BF111436.D
Acq: 14 Dec 2018 23:16

Tgt Ion: 136 Resp: 653602
Ion Ratio Lower Upper
136 100
137 11.3 9.1 13.7
54 9.3 7.7 11.5
68 5.3 4.9 7.3

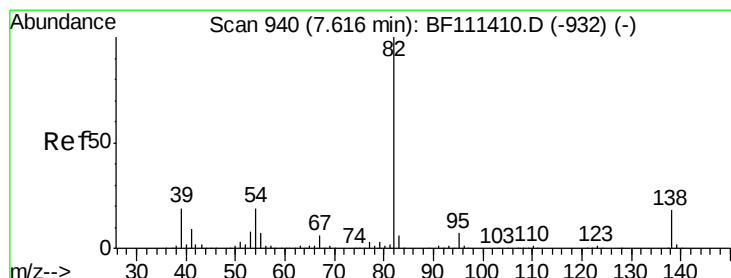
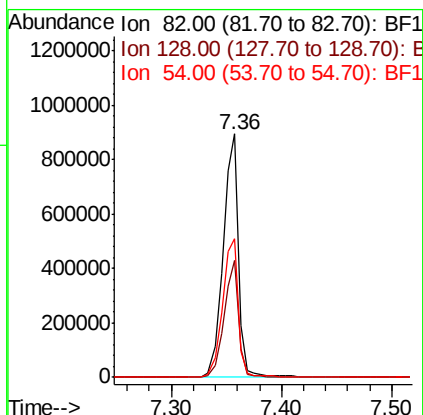
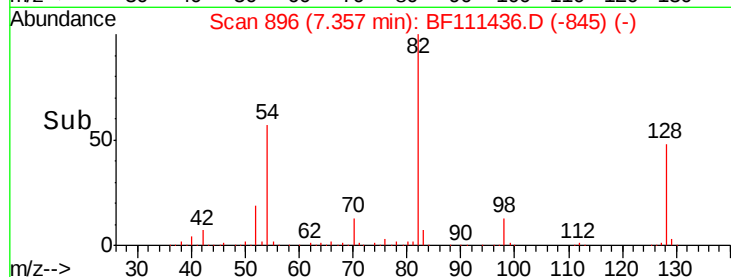
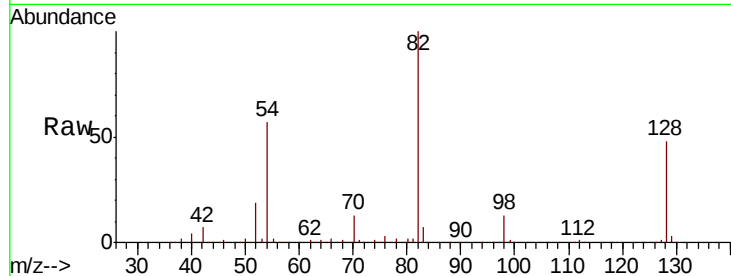




#23
Nitrobenzene-d5
Concen: 78.881 ng
RT: 7.36 min Scan# 896
Delta R.T. 0.00 min
Lab File: BF111436.D
Acq: 14 Dec 2018 23:16

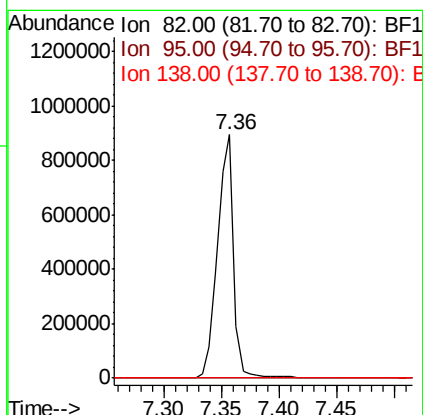
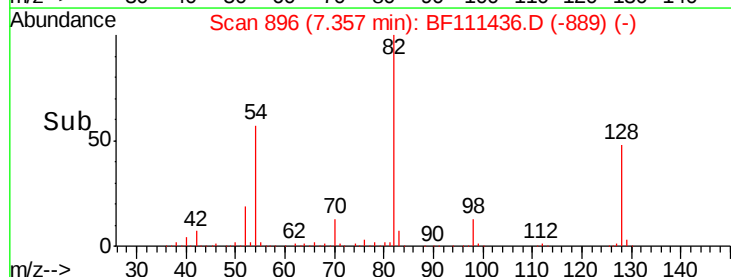
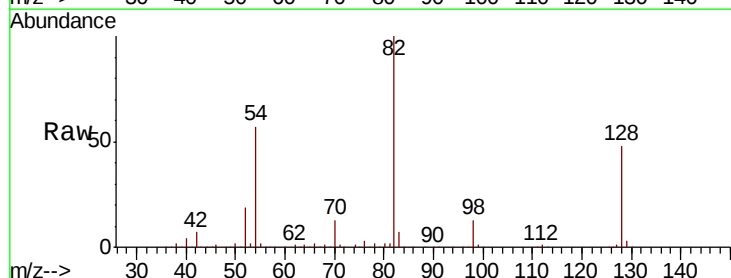
Instrument :
BNA_G
ClientSampleId :
TEST-PIT-1

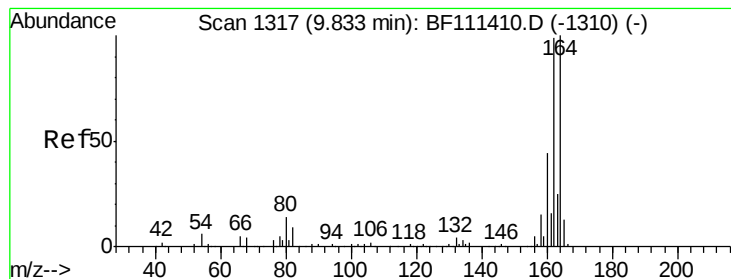
Tgt Ion	Ratio	Lower	Upper
82	100		
128	48.1	37.4	56.2
54	57.2	47.6	71.4



#25
Isophorone
Concen: 46.619 ng
RT: 7.36 min Scan# 896
Delta R.T. -0.26 min
Lab File: BF111436.D
Acq: 14 Dec 2018 23:16

Tgt Ion	Ratio	Lower	Upper
82	100		
95	0.0	5.4	8.2#
138	0.0	15.1	22.7#





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.83 min Scan# 1316

Delta R.T. -0.01 min

Lab File: BF111436.D

Acq: 14 Dec 2018 23:16

Instrument :

BNA_G

ClientSampleId :

TEST-PIT-1

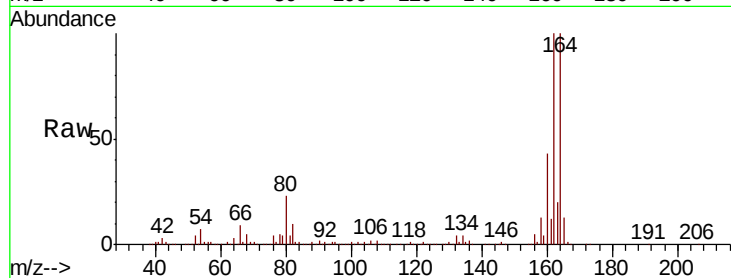
Tgt Ion:164 Resp: 345462

Ion Ratio Lower Upper

164 100

162 100.2 81.4 122.0

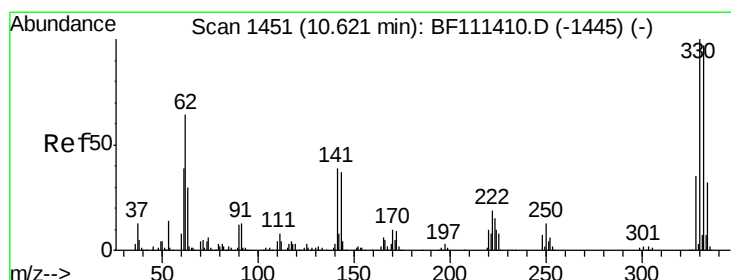
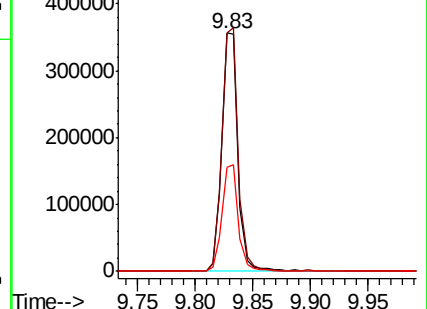
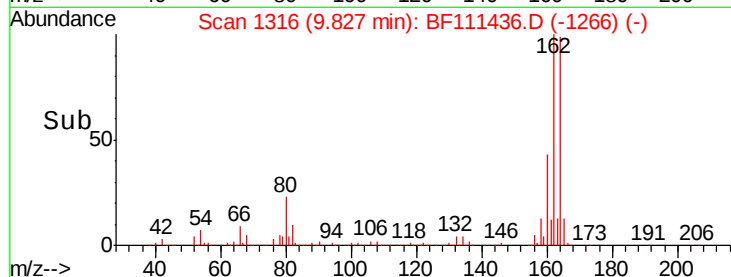
160 43.5 35.7 53.5



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



#42

2,4,6-Tribromophenol

Concen: 92.294 ng

RT: 10.62 min Scan# 1451

Delta R.T. -0.00 min

Lab File: BF111436.D

Acq: 14 Dec 2018 23:16

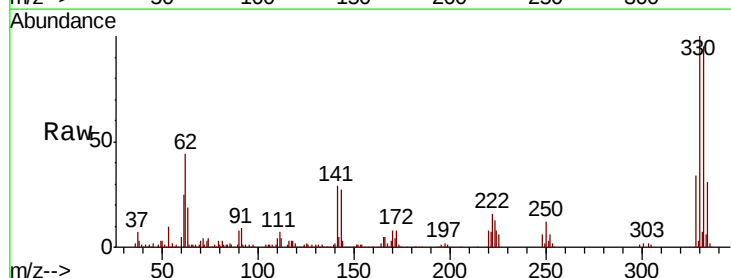
Tgt Ion:330 Resp: 285613

Ion Ratio Lower Upper

330 100

332 95.3 76.0 114.0

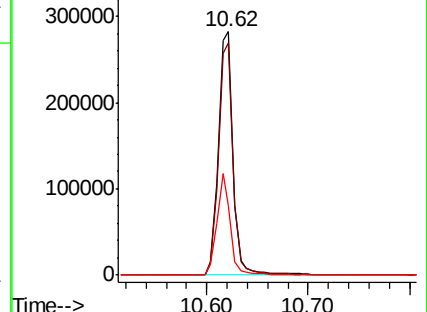
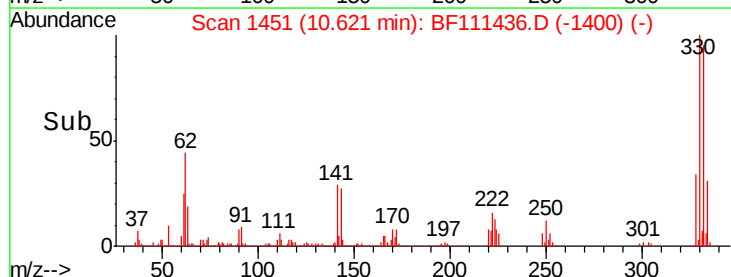
141 37.6 31.0 46.6

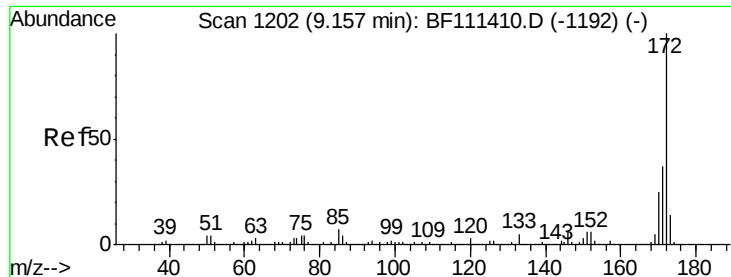


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

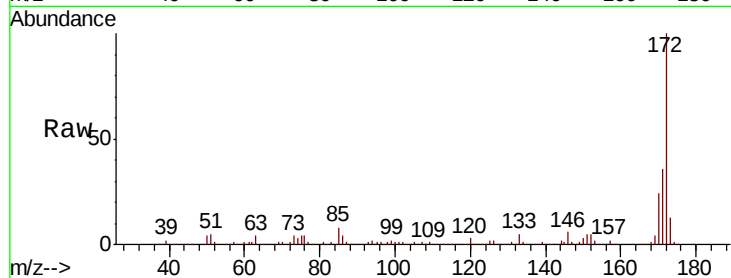




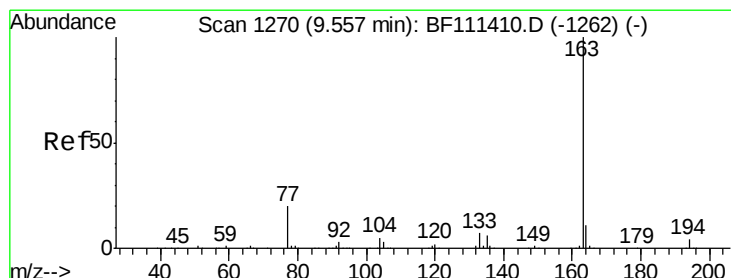
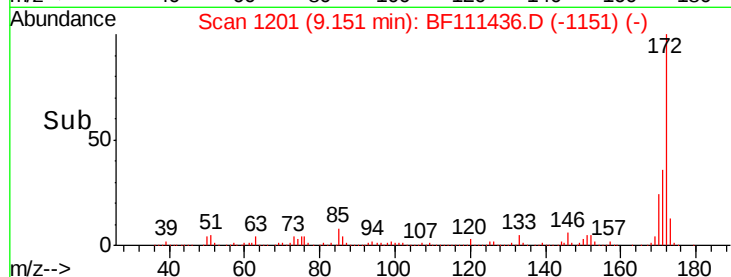
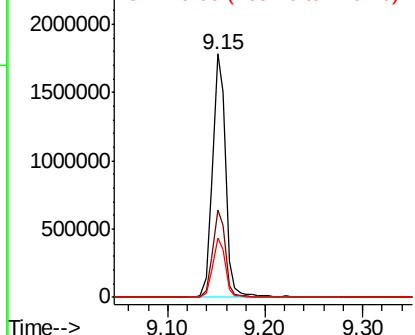
#45
2-Fluorobiphenyl
Concen: 74.923 ng
RT: 9.15 min Scan# 1201
Delta R.T. -0.01 min
Lab File: BF111436.D
Acq: 14 Dec 2018 23:16

Instrument :
BNA_G
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TEST-PIT-1

Tgt Ion:172 Resp: 1675678
Ion Ratio Lower Upper
172 100
171 35.9 33.0 49.4
170 24.2 22.3 33.5

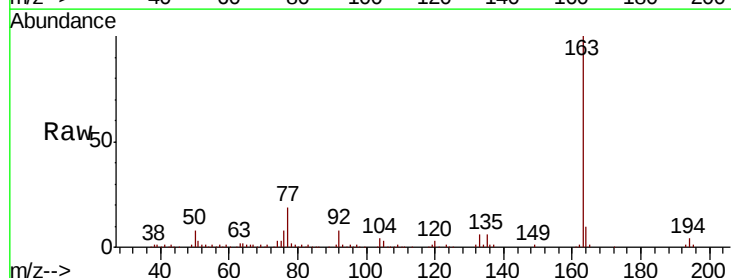


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

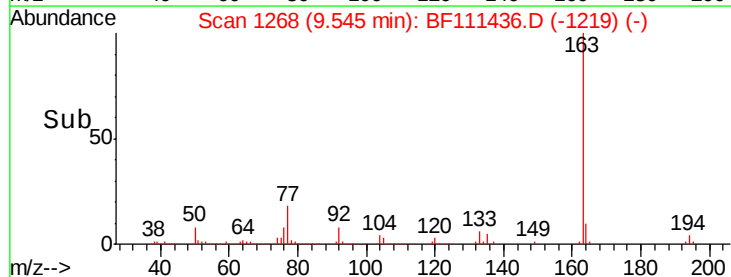
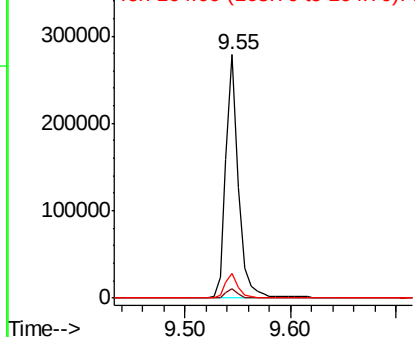


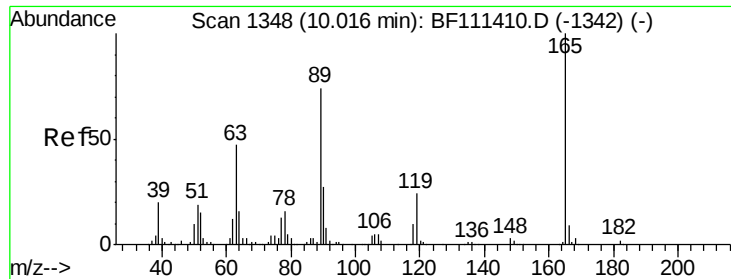
#50
Dimethylphthalate
Concen: 9.474 ng
RT: 9.55 min Scan# 1268
Delta R.T. -0.01 min
Lab File: BF111436.D
Acq: 14 Dec 2018 23:16

Tgt Ion:163 Resp: 235712
Ion Ratio Lower Upper
163 100
194 3.6 3.0 4.6
164 10.3 8.9 13.3



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

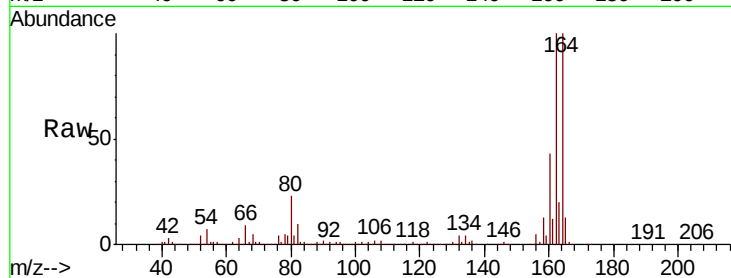




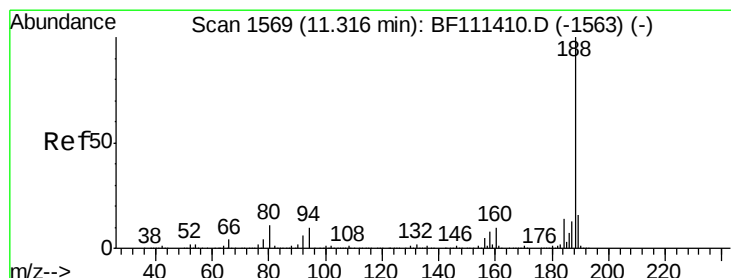
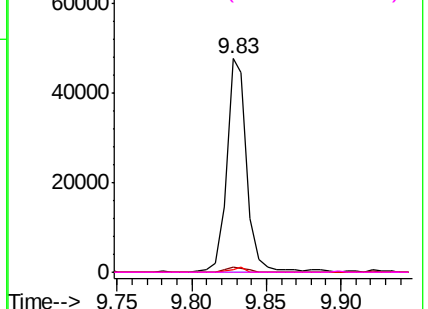
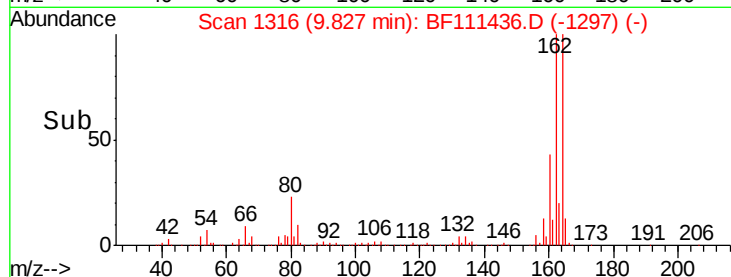
#57
2,4-Dinitrotoluene
Concen: 6.221 ng
RT: 9.83 min Scan# 1316
Delta R.T. -0.19 min
Lab File: BF111436.D
Acq: 14 Dec 2018 23:16

Instrument :
BNA_G
ClientSampleId :
TEST-PIT-1

Tgt Ion:165 Resp: 45724
Ion Ratio Lower Upper
165 100
63 2.2 34.6 52.0#
89 1.5 56.2 84.4#
182 0.0 1.8 2.6#

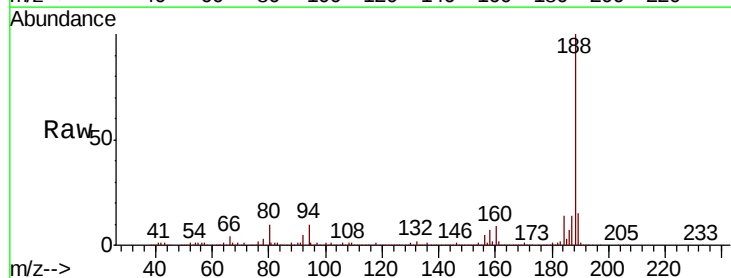


Abundance Ion 165.00 (164.70 to 165.70): E
Ion 63.00 (62.70 to 63.70): BF1
Ion 89.00 (88.70 to 89.70): BF1
Ion 182.00 (181.70 to 182.70): E

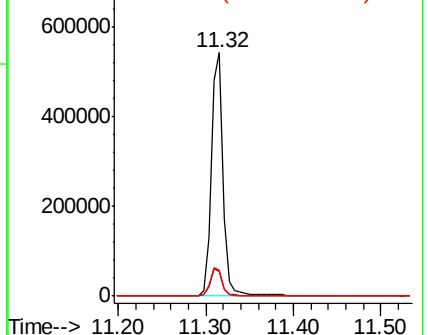
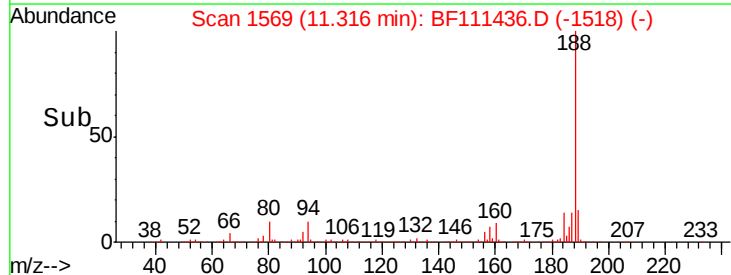


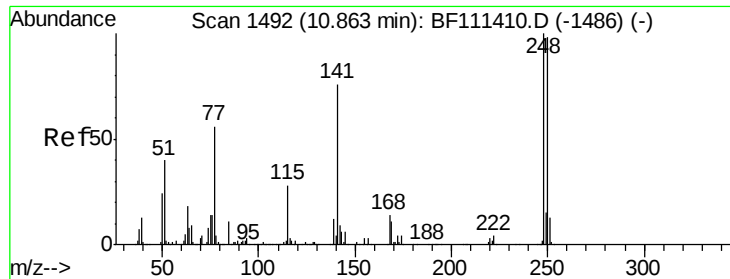
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.32 min Scan# 1569
Delta R.T. 0.00 min
Lab File: BF111436.D
Acq: 14 Dec 2018 23:16

Tgt Ion:188 Resp: 505595
Ion Ratio Lower Upper
188 100
94 10.1 9.6 14.4
80 10.5 9.8 14.6



Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF1
Ion 80.00 (79.70 to 80.70): BF1

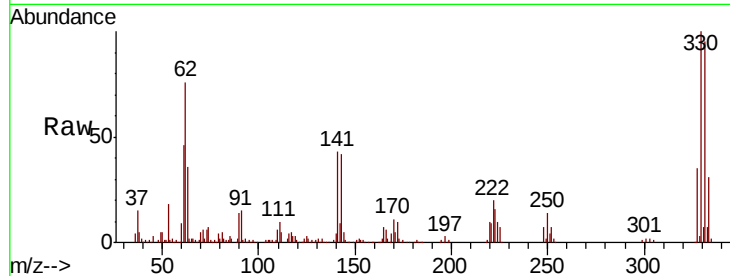




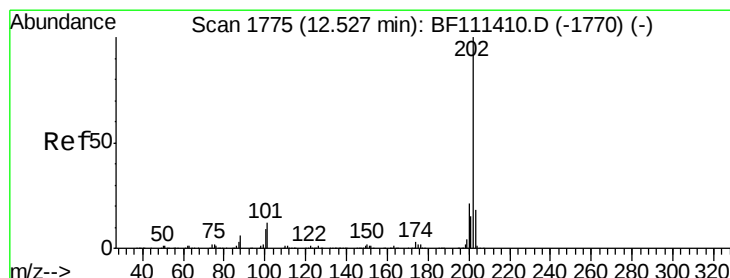
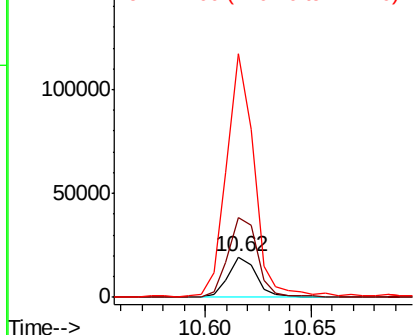
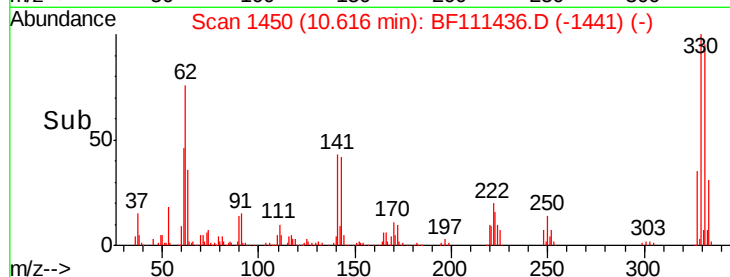
#67
 4-Bromophenyl-phenylether
 Concen: 3.296 ng
 RT: 10.62 min Scan# 1450
 Delta R.T. -0.25 min
 Lab File: BF111436.D
 Acq: 14 Dec 2018 23:16

Instrument :
 BNA_G
 ClientSampleId :
 TEST-PIT-1

Tgt Ion:248 Resp: 17962
 Ion Ratio Lower Upper
 248 100
 250 197.6 77.0 115.4#
 141 606.3 63.0 94.6#

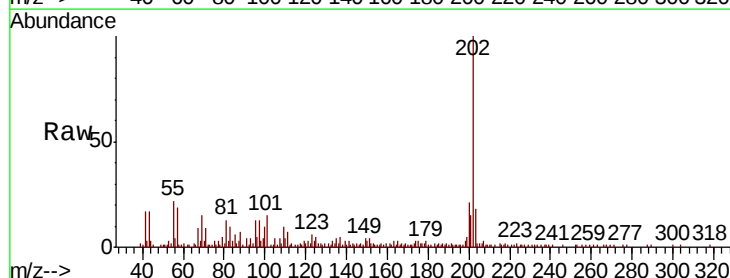


Abundance Ion 248.00 (247.70 to 248.70): E
 Ion 250.00 (249.70 to 250.70): E
 Ion 141.00 (140.70 to 141.70): E

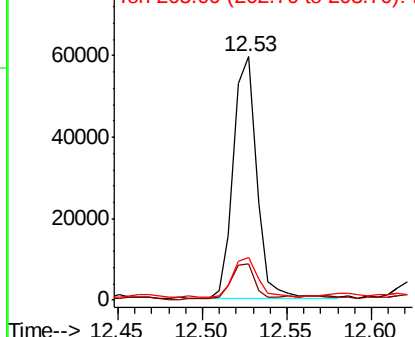
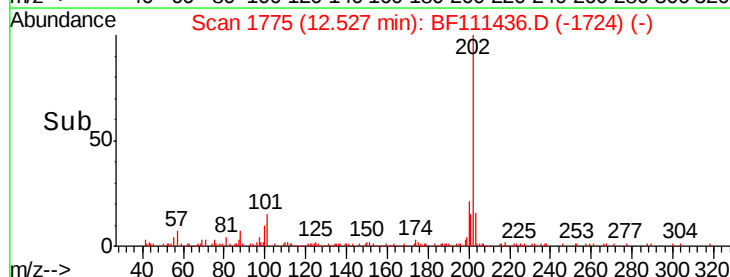


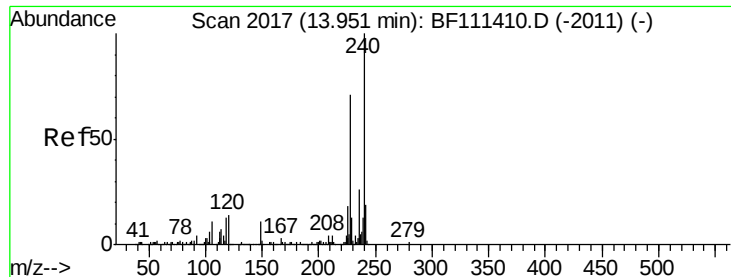
#75
 Fluoranthene
 Concen: 2.252 ng
 RT: 12.53 min Scan# 1775
 Delta R.T. 0.00 min
 Lab File: BF111436.D
 Acq: 14 Dec 2018 23:16

Tgt Ion:202 Resp: 57407
 Ion Ratio Lower Upper
 202 100
 101 14.8 0.0 33.8
 203 17.7 0.0 38.6



Abundance Ion 202.00 (201.70 to 202.70): E
 Ion 101.00 (100.70 to 101.70): E
 Ion 203.00 (202.70 to 203.70): E

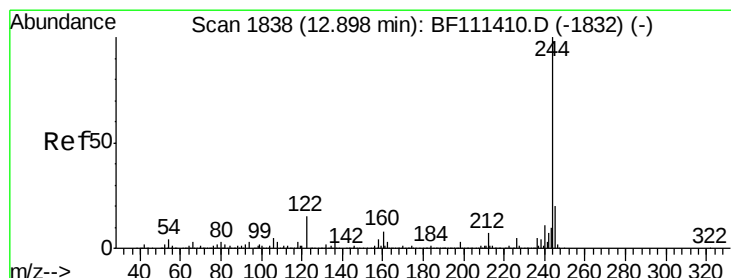
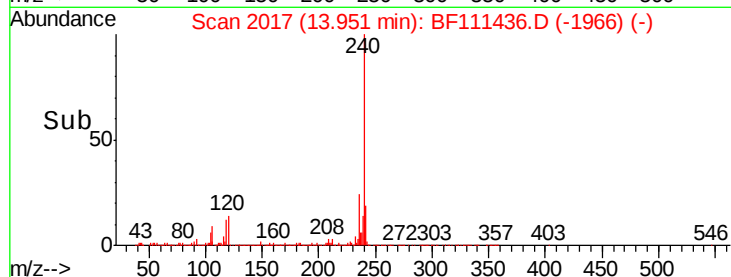
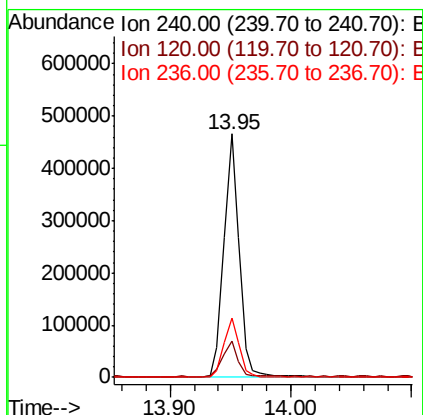
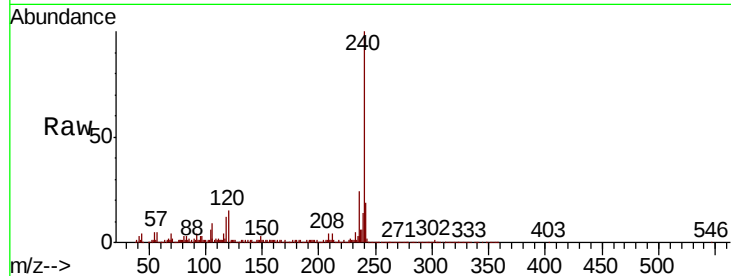




#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.95 min Scan# 2017
Delta R.T. -0.00 min
Lab File: BF111436.D
Acq: 14 Dec 2018 23:16

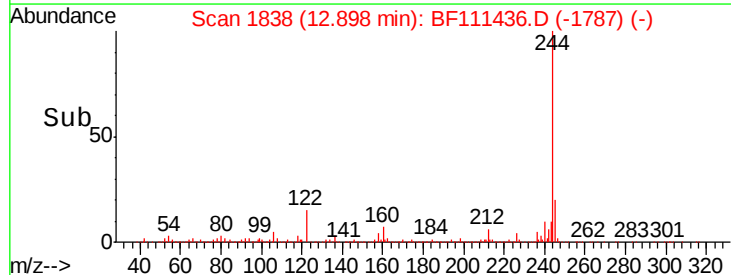
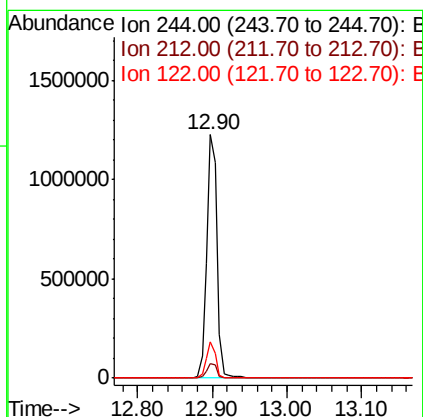
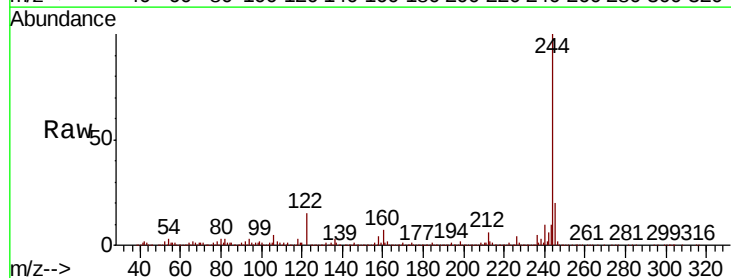
Instrument :
BNA_G
ClientSampleId :
TEST-PIT-1

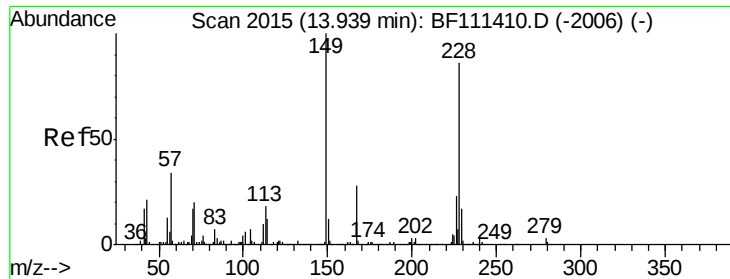
Tgt Ion:240 Resp: 407630
Ion Ratio Lower Upper
240 100
120 14.7 12.2 18.2
236 24.3 20.2 30.2



#79
Terphenyl-d14
Concen: 67.796 ng
RT: 12.90 min Scan# 1838
Delta R.T. 0.00 min
Lab File: BF111436.D
Acq: 14 Dec 2018 23:16

Tgt Ion:244 Resp: 1176863
Ion Ratio Lower Upper
244 100
212 6.2 5.7 8.5
122 15.1 13.1 19.7





#84

Bis(2-ethylhexyl)phthalate

Concen: 3.714 ng

RT: 13.94 min Scan# 2015

Delta R.T. -0.00 min

Lab File: BF111436.D

Acq: 14 Dec 2018 23:16

Instrument :

BNA_G

ClientSampleId :

TEST-PIT-1

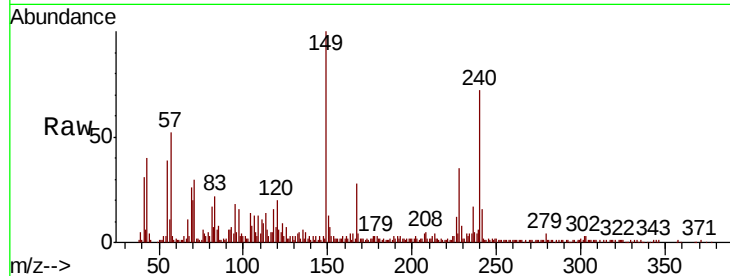
Tgt Ion:149 Resp: 66451

Ion Ratio Lower Upper

149 100

167 28.4 22.5 33.7

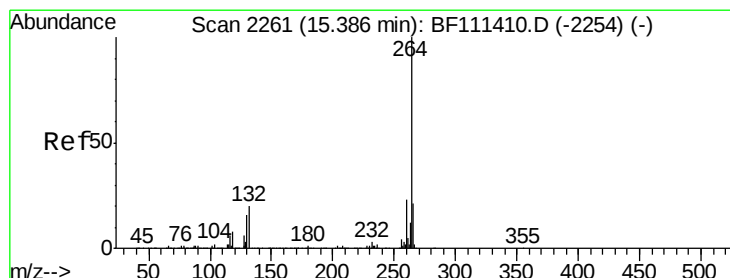
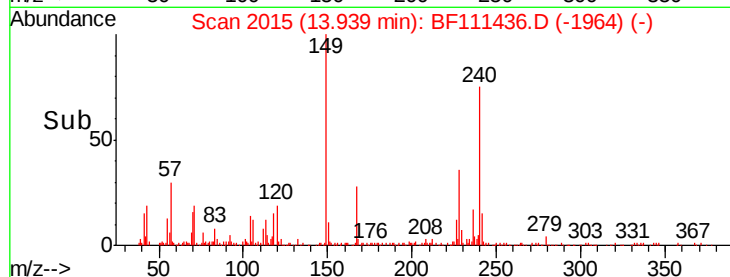
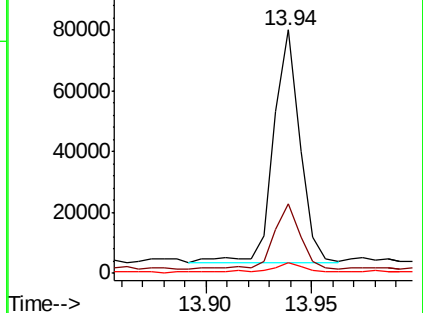
279 4.2 2.6 4.0#



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E



#87

Perylene-d12

Concen: 20.000 ng

RT: 15.39 min Scan# 2262

Delta R.T. 0.01 min

Lab File: BF111436.D

Acq: 14 Dec 2018 23:16

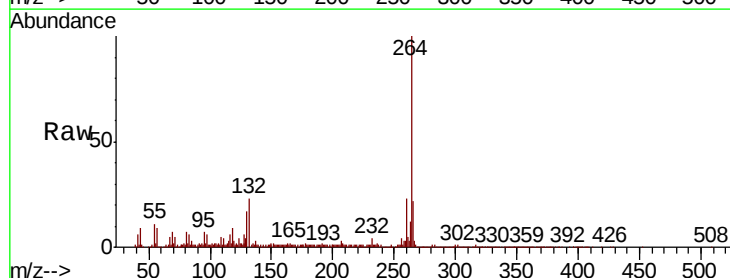
Tgt Ion:264 Resp: 295004

Ion Ratio Lower Upper

264 100

260 23.4 18.3 27.5

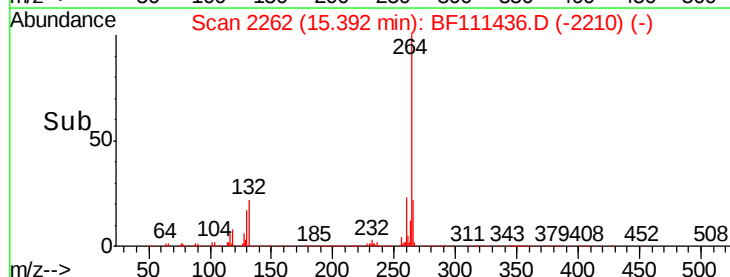
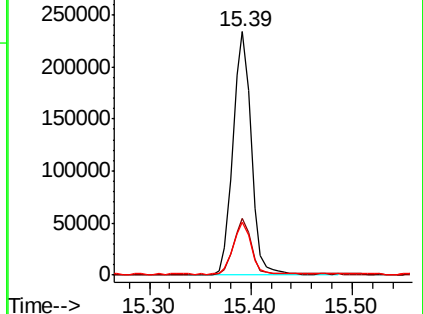
265 21.9 17.7 26.5

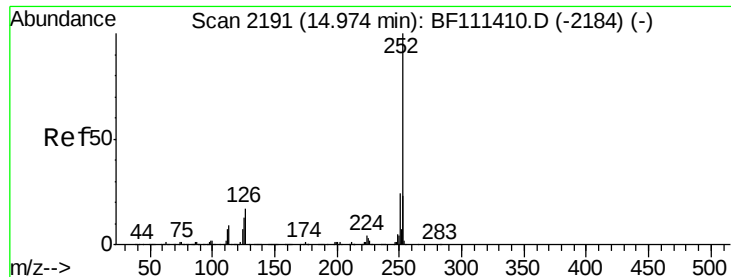


Abundance Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E





#88

Benzo(b)fluoranthene

Concen: 2.359 ng

RT: 14.97 min Scan# 2191

Delta R.T. 0.00 min

Lab File: BF111436.D

Acq: 14 Dec 2018 23:16

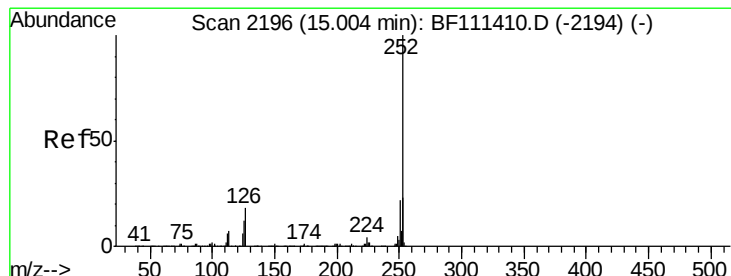
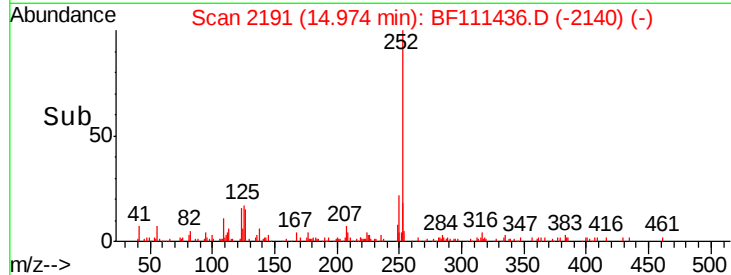
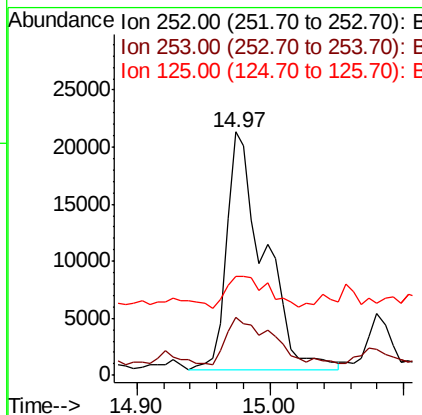
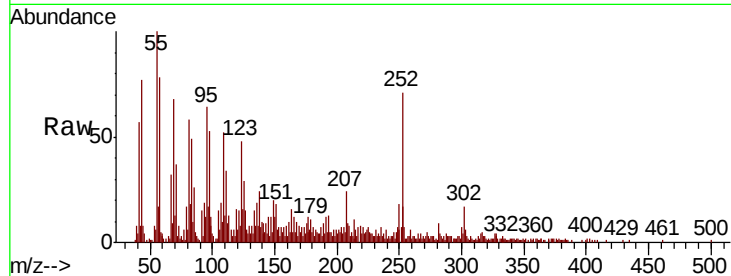
Instrument :

BNA_G

ClientSampleId :

TEST-PIT-1

Tgt Ion:	252	Resp:	40568
Ion Ratio	Lower	Upper	
252	100		
253	23.8	18.2	27.2
125	40.4	10.4	15.6#



#89

Benzo(k)fluoranthene

Concen: 2.469 ng

RT: 14.97 min Scan# 2191

Delta R.T. -0.03 min

Lab File: BF111436.D

Acq: 14 Dec 2018 23:16

Tgt Ion:	252	Resp:	40568
Ion Ratio	Lower	Upper	
252	100		
253	23.8	18.1	27.1
125	40.4	9.8	14.8#

