

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF020819\
 Data File : BF112468.D
 Acq On : 8 Feb 2019 19:09
 Operator : JU/SJ
 Sample : K1422-04
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 TEST-PIT-1

Quant Time: Feb 09 04:58:26 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF012519.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Jan 28 10:38:18 2019
 Response via : Initial Calibration

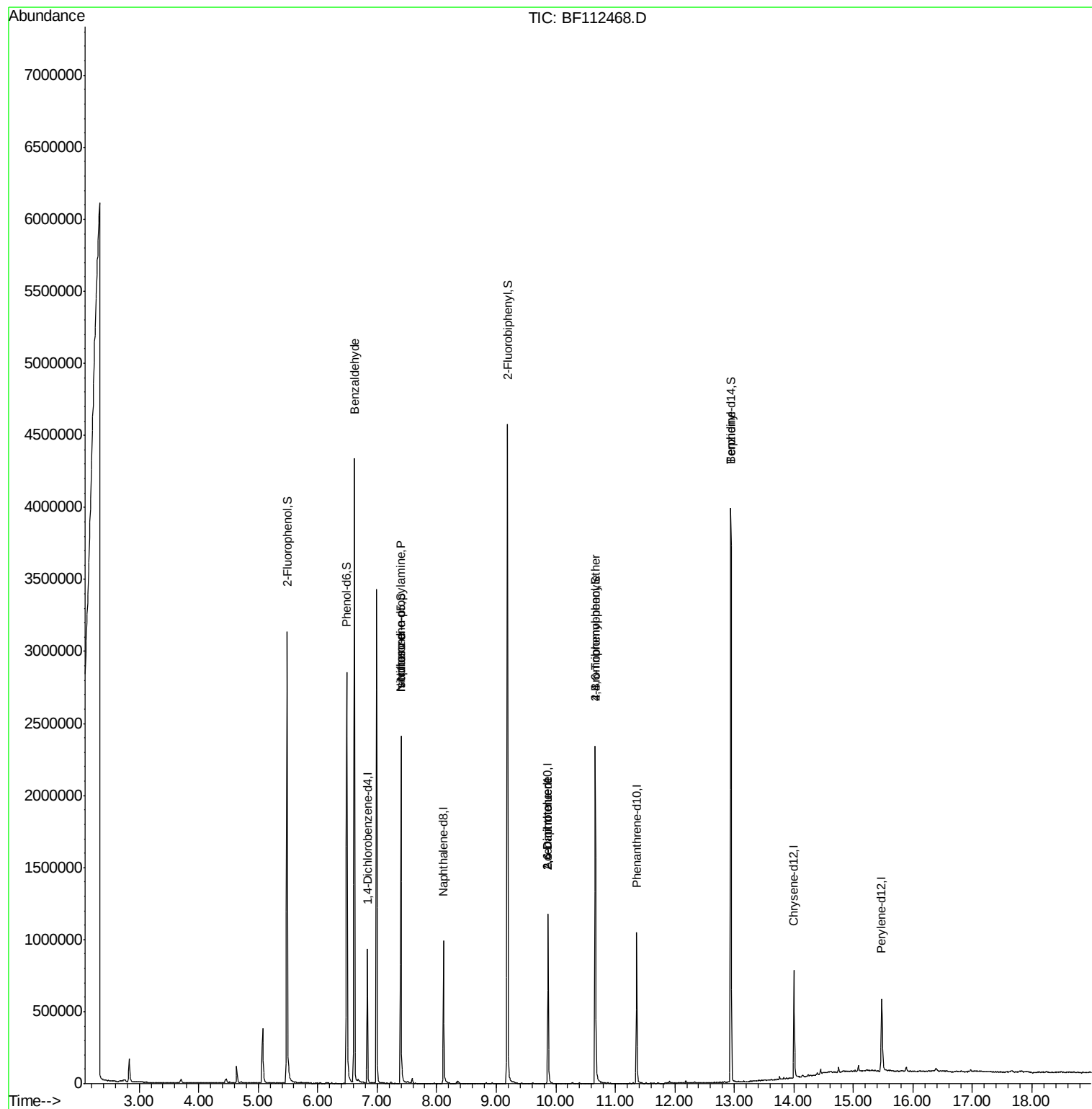
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.83	152	136361	20.00	ng	-0.01
21) Naphthalene-d8	8.12	136	518220	20.00	ng	-0.01
39) Acenaphthene-d10	9.87	164	244825	20.00	ng	-0.02
64) Phenanthrene-d10	11.36	188	421520	20.00	ng	-0.01
76) Chrysene-d12	14.00	240	270494	20.00	ng	0.00
87) Perylene-d12	15.47	264	281141	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.49	112	978082	152.35	ng	0.00
7) Phenol-d6	6.49	99	1092763	122.50	ng	0.00
23) Nitrobenzene-d5	7.40	82	855313	95.10	ng	-0.01
42) 2,4,6-Tribromophenol	10.66	330	316874	111.20	ng	-0.02
45) 2-Fluorobiphenyl	9.19	172	1674664	96.74	ng	-0.01
79) Terphenyl-d14	12.94	244	1426253	99.31	ng	0.00
Target Compounds						
9) Benzaldehyde	6.62	77	26551	5.694	ng	82
19) n-Nitroso-di-n-propylamine	7.40	70	116246	18.898	ng	# 77
25) Isophorone	7.40	82	855302	60.620	ng	# 63
51) 2,6-Dinitrotoluene	9.87	165	31173	7.317	ng	# 34
57) 2,4-Dinitrotoluene	9.87	165	31173	5.748	ng	# 32
67) 4-Bromophenyl-phenylether	10.66	248	19159	3.865	ng	# 1
77) Benzydine	12.94	184	19281	2.590	ng	# 93

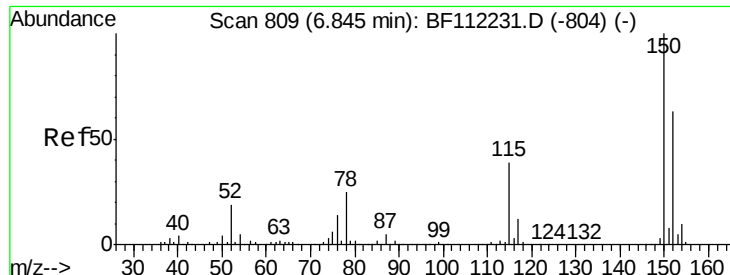
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 20.000 ng

RT: 6.83 min Scan# 807

Delta R.T. -0.01 min

Lab File: BF112468.D

Acq: 8 Feb 2019 19:09

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BNA_F

ClientSampleId :

TEST-PIT-1

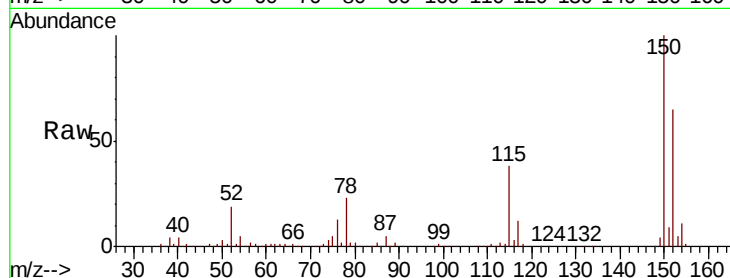
Tot Ion:152 Resp: 136361

Ion Ratio Lower Upper

152 100

150 154.0 127.4 191.0

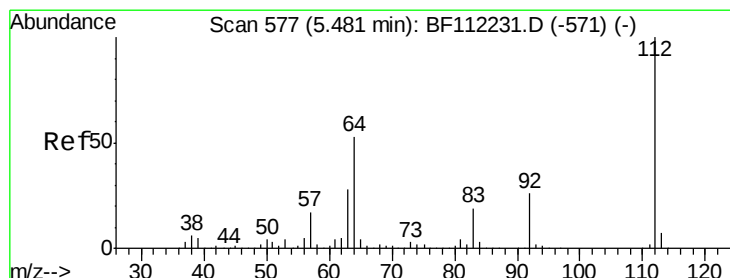
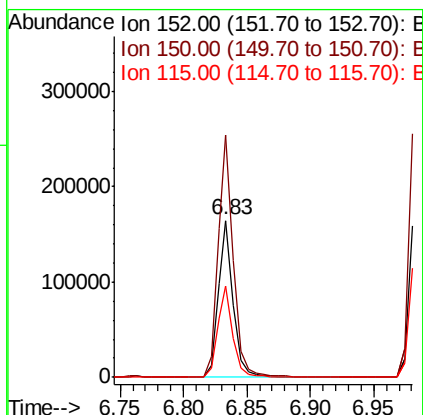
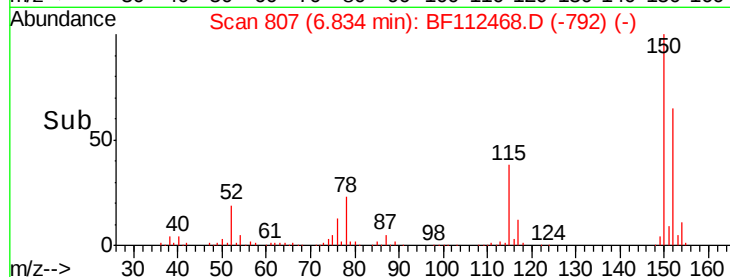
115 58.5 45.5 68.3



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: 152.354 ng

RT: 5.49 min Scan# 578

Delta R.T. 0.01 min

Lab File: BF112468.D

Acq: 8 Feb 2019 19:09

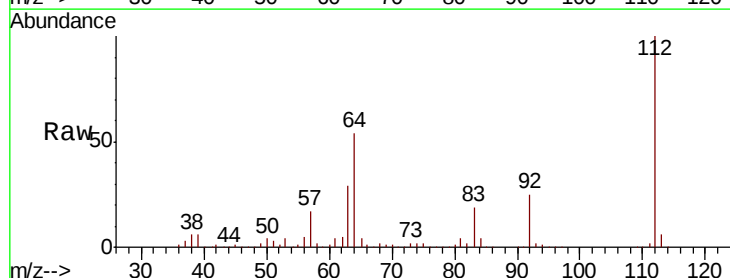
Tgt Ion:112 Resp: 978082

Ion Ratio Lower Upper

112 100

64 53.6 45.7 68.5

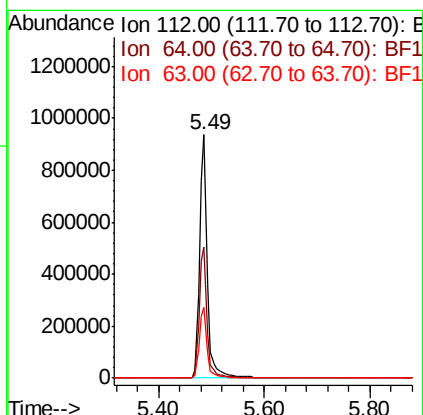
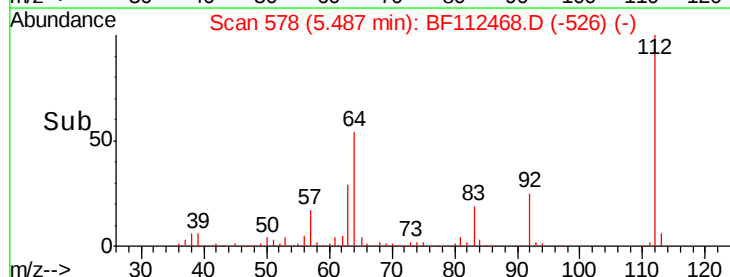
63 29.2 23.6 35.4

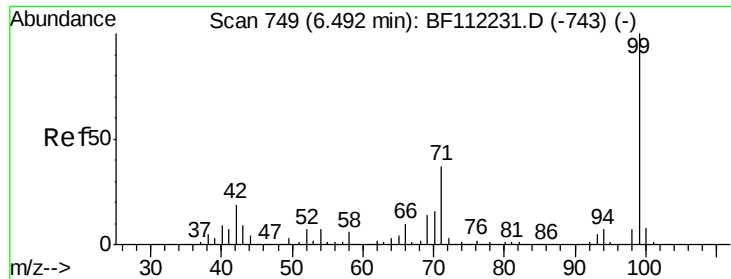


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF1

Ion 63.00 (62.70 to 63.70): BF1





#7

Phenol-d6

Concen: 122.498 ng

RT: 6.49 min Scan# 748

Delta R.T. -0.01 min

Lab File: BF112468.D

Acq: 8 Feb 2019 19:09

Instrument :

BNA_F

ClientSampleId :

TEST-PIT-1

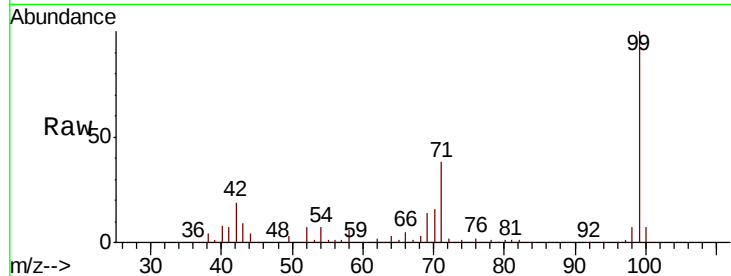
Tot Ion: 99 Resp: 1092763

Ion Ratio Lower Upper

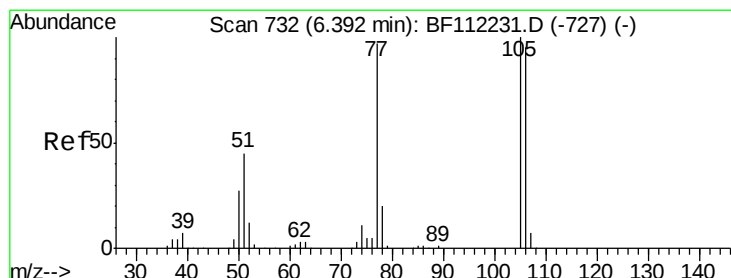
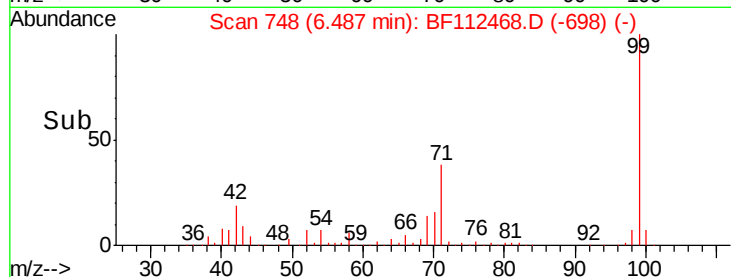
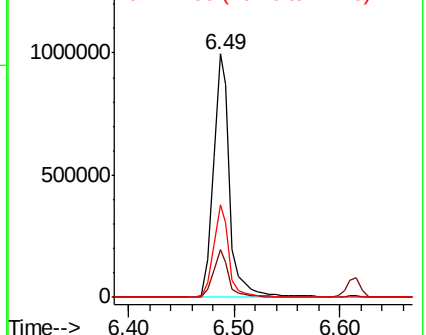
99 100

42 19.4 15.1 22.7

71 37.9 26.9 40.3



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



#9

Benzaldehyde

Concen: 5.694 ng

RT: 6.62 min Scan# 770

Delta R.T. 0.22 min

Lab File: BF112468.D

Acq: 8 Feb 2019 19:09

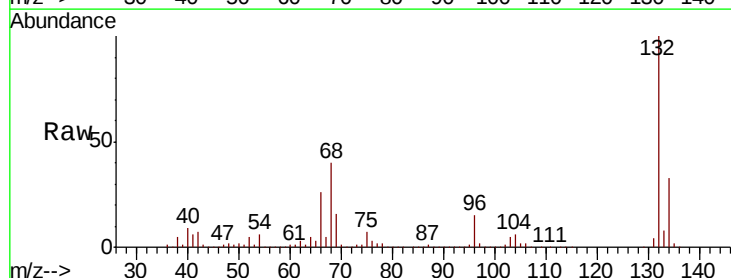
Tgt Ion: 77 Resp: 26551

Ion Ratio Lower Upper

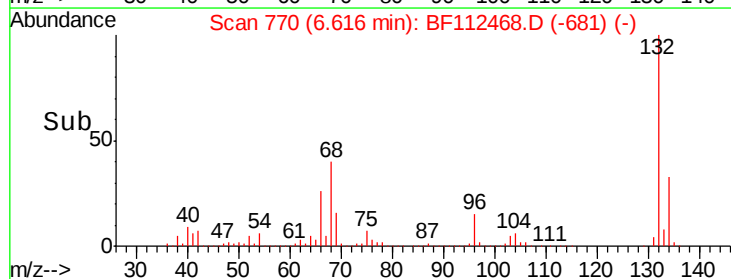
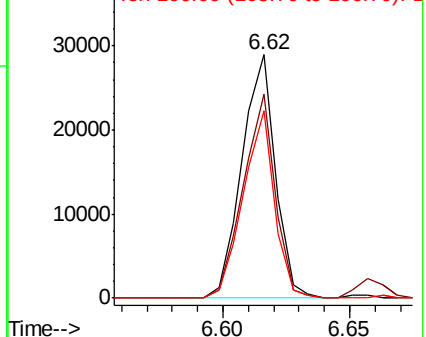
77 100

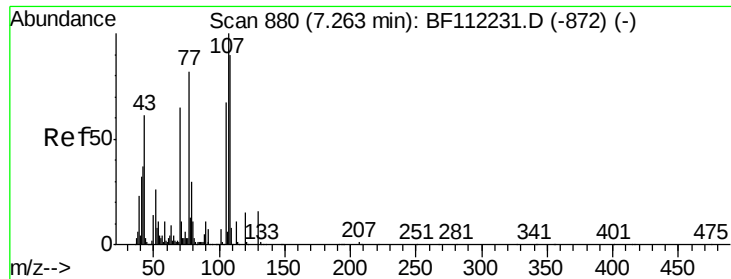
105 83.8 80.8 120.8

106 76.9 75.7 115.7



Abundance Ion 77.00 (76.70 to 77.70): BF1
Ion 105.00 (104.70 to 105.70): E
Ion 106.00 (105.70 to 106.70): E

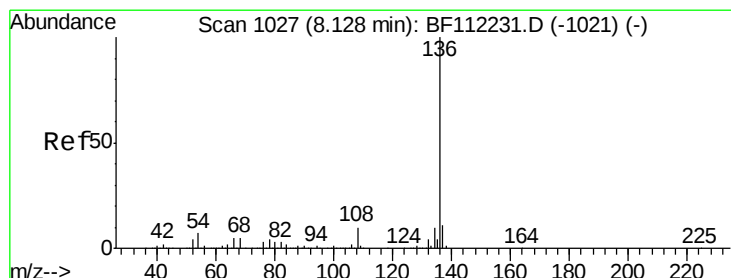
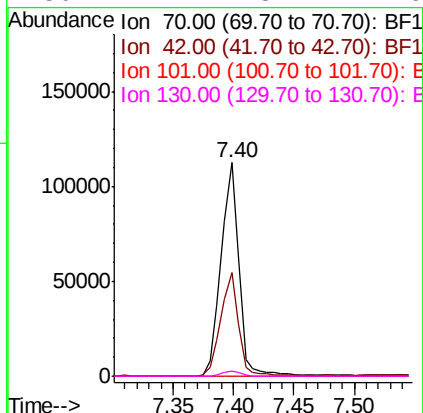
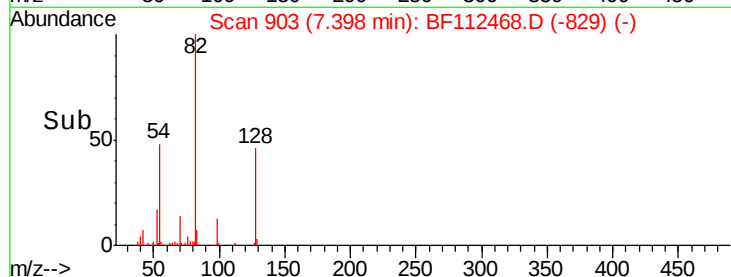
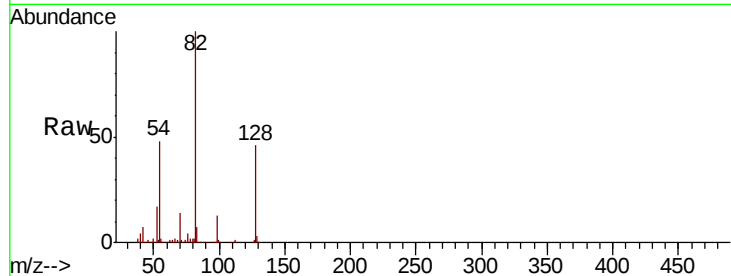




#19
n-Nitroso-di-n-propylamine
Concen: 18.898 ng
RT: 7.40 min Scan# 903
Delta R.T. 0.14 min
Lab File: BF112468.D
Acq: 8 Feb 2019 19:09

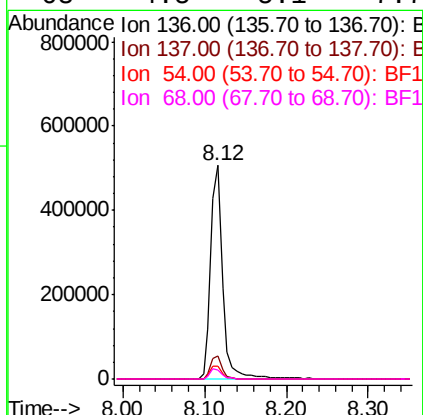
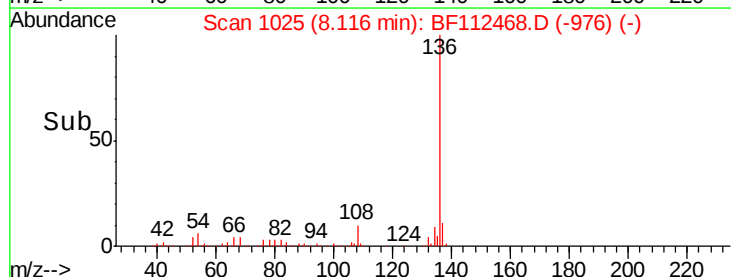
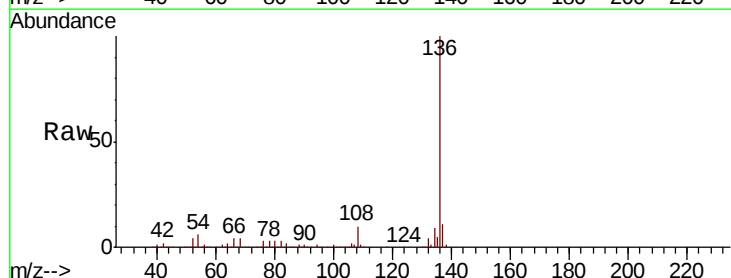
Instrument :
BNA_F
ClientSampleId :
TEST-PIT-1

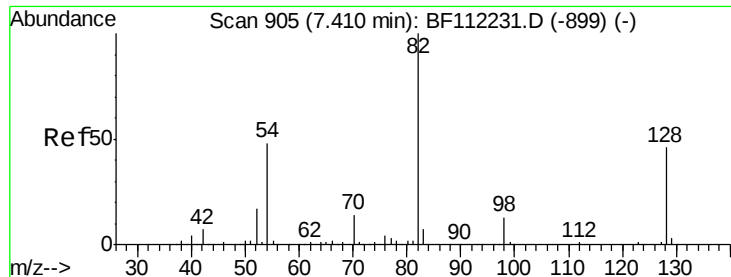
Tot Ion: 70 Resp: 116246
Ion Ratio Lower Upper
70 100
42 48.8 47.6 71.4
101 0.0 7.9 11.9#
130 2.2 18.4 27.6#



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.12 min Scan# 1025
Delta R.T. -0.01 min
Lab File: BF112468.D
Acq: 8 Feb 2019 19:09

Tgt Ion: 136 Resp: 518220
Ion Ratio Lower Upper
136 100
137 11.0 9.1 13.7
54 5.9 5.9 8.9#
68 4.5 5.1 7.7#

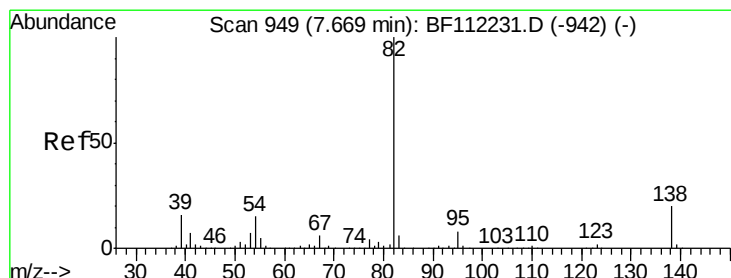
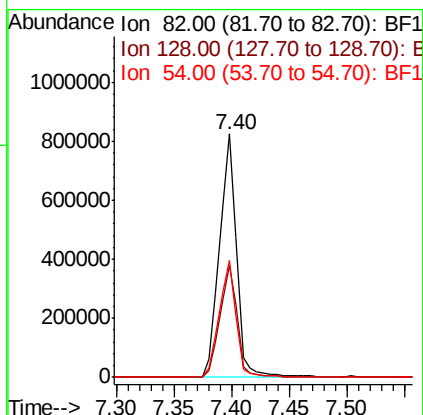
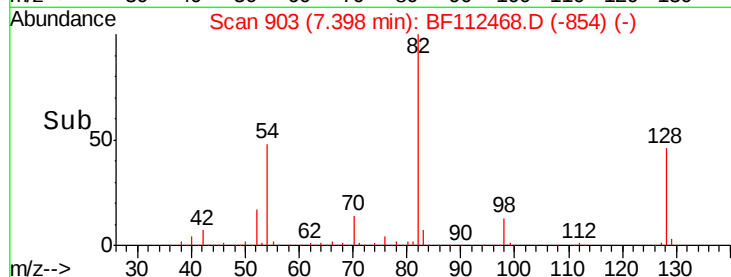
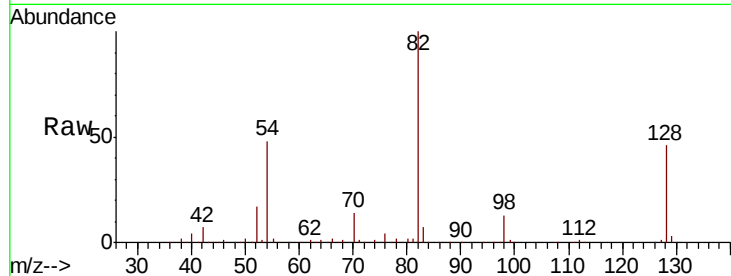




#23
Nitrobenzene-d5
Concen: 95.100 ng
RT: 7.40 min Scan# 903
Delta R.T. -0.01 min
Lab File: BF112468.D
Acq: 8 Feb 2019 19:09

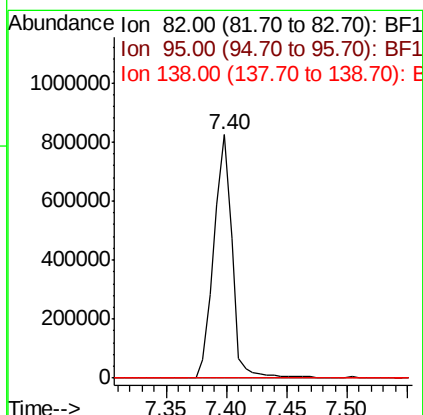
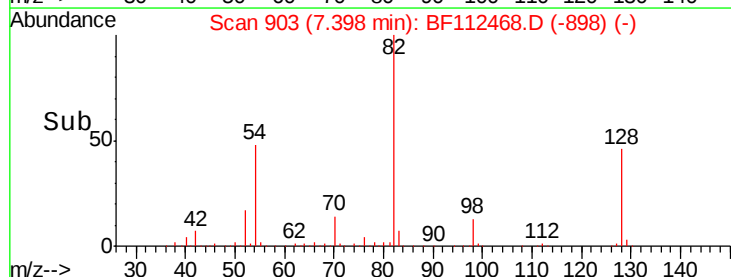
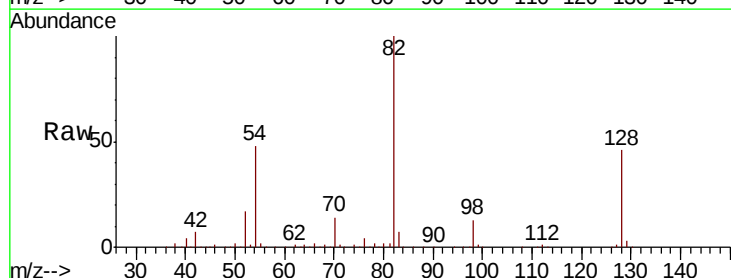
Instrument :
BNA_F
ClientSampleId :
TEST-PIT-1

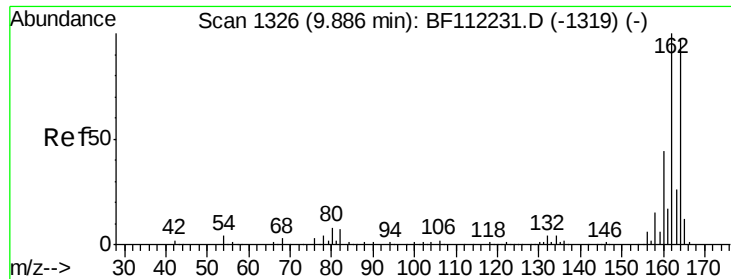
Tot Ion: 82 Resp: 855313
Ion Ratio Lower Upper
82 100
128 45.8 37.8 56.8
54 48.1 39.7 59.5



#25
Isophorone
Concen: 60.620 ng
RT: 7.40 min Scan# 903
Delta R.T. -0.27 min
Lab File: BF112468.D
Acq: 8 Feb 2019 19:09

Tgt Ion: 82 Resp: 855302
Ion Ratio Lower Upper
82 100
95 0.0 5.7 8.5#
138 0.0 15.4 23.0#





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.87 min Scan# 1323

Delta R.T. -0.02 min

Lab File: BF112468.D

Acq: 8 Feb 2019 19:09

Instrument :

BNA_F

ClientSampleId :

TEST-PIT-1

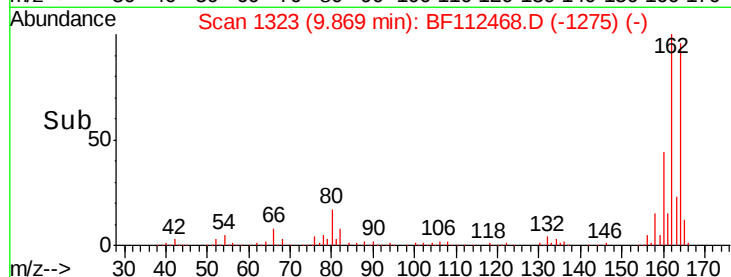
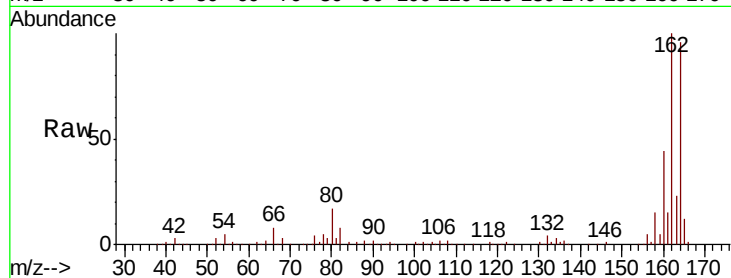
Tot Ion:164 Resp: 244825

Ion Ratio Lower Upper

164 100

162 104.3 82.2 123.4

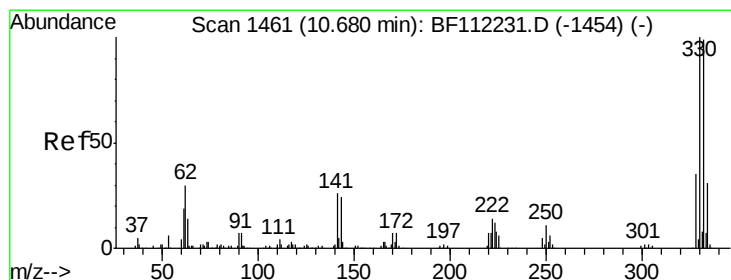
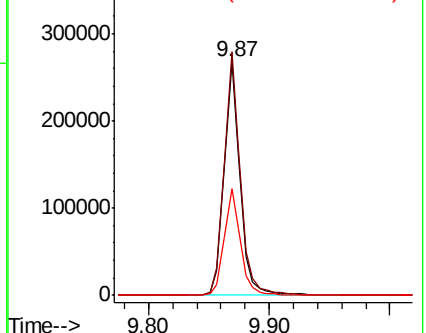
160 45.8 36.2 54.4



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: 111.196 ng

RT: 10.66 min Scan# 1458

Delta R.T. -0.02 min

Lab File: BF112468.D

Acq: 8 Feb 2019 19:09

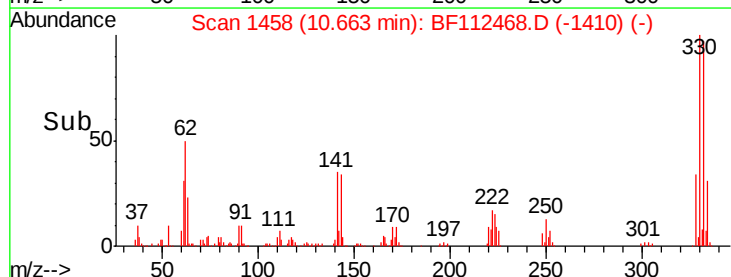
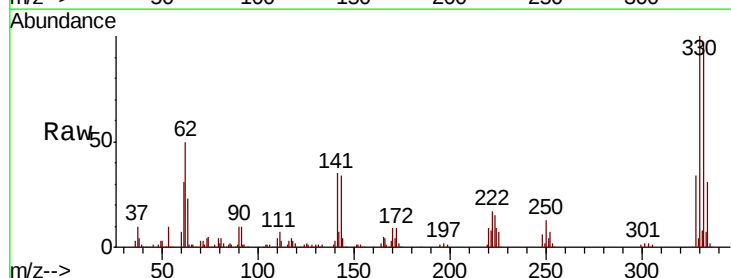
Tgt Ion:330 Resp: 316874

Ion Ratio Lower Upper

330 100

332 98.1 76.6 114.8

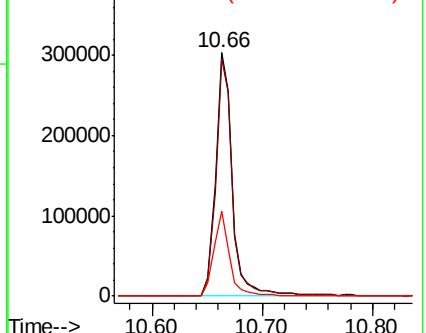
141 33.2 24.3 36.5

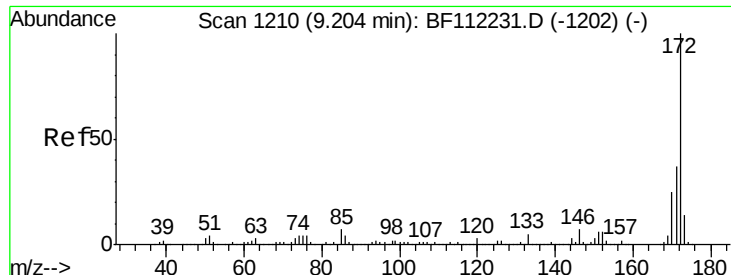


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

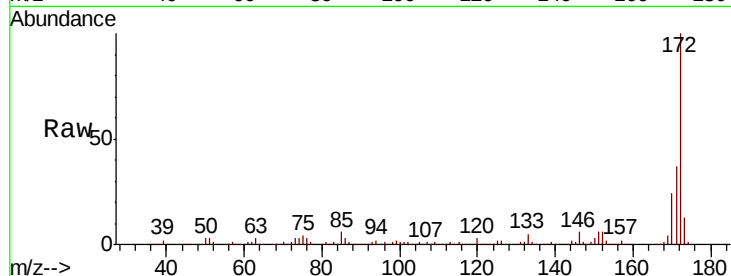




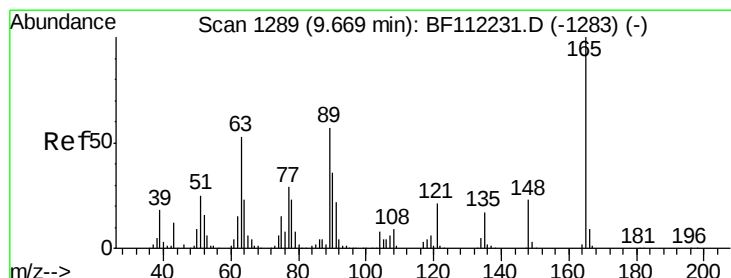
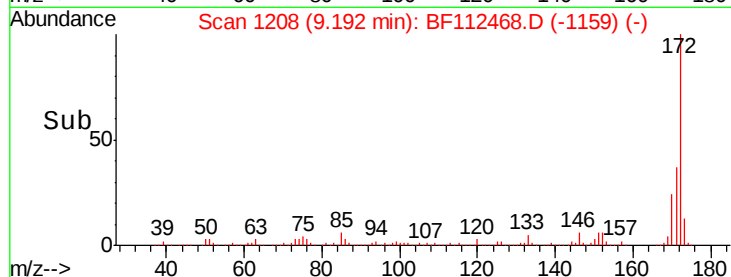
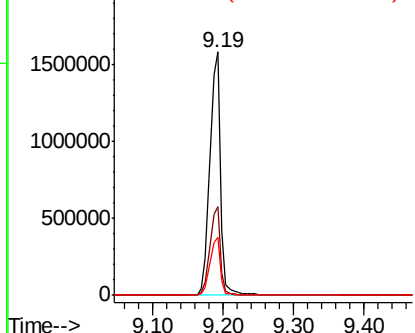
#45
 2-Fluorobiphenyl
 Concen: 96.744 ng
 RT: 9.19 min Scan# 1208
 Delta R.T. -0.01 min
 Lab File: BF112468.D
 Acq: 8 Feb 2019 19:09

Instrument :
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 TEST-PIT-1

Tot Ion:172 Resp: 1674664
 Ion Ratio Lower Upper
 172 100
 171 36.5 30.5 45.7
 170 24.1 20.2 30.4

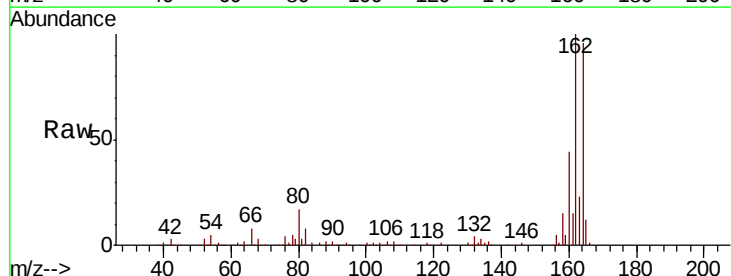


Abundance Ion 172.00 (171.70 to 172.70): E
 Ion 171.00 (170.70 to 171.70): E
 Ion 170.00 (169.70 to 170.70): E

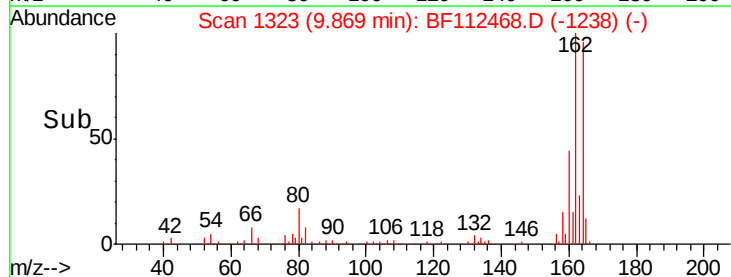
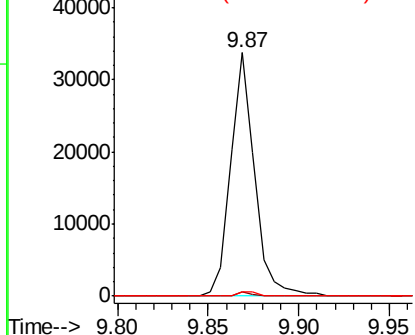


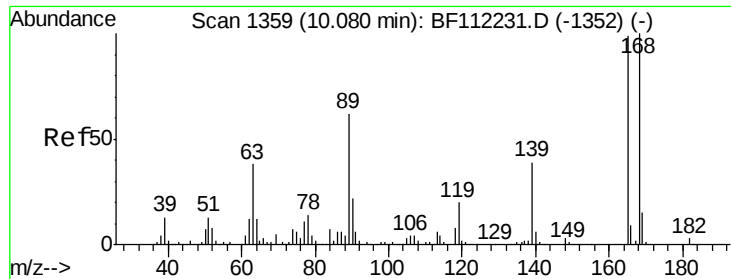
#51
 2,6-Dinitrotoluene
 Concen: 7.317 ng
 RT: 9.87 min Scan# 1323
 Delta R.T. 0.20 min
 Lab File: BF112468.D
 Acq: 8 Feb 2019 19:09

Tgt Ion:165 Resp: 31173
 Ion Ratio Lower Upper
 165 100
 63 1.8 33.8 50.8#
 89 1.7 36.9 55.3#



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

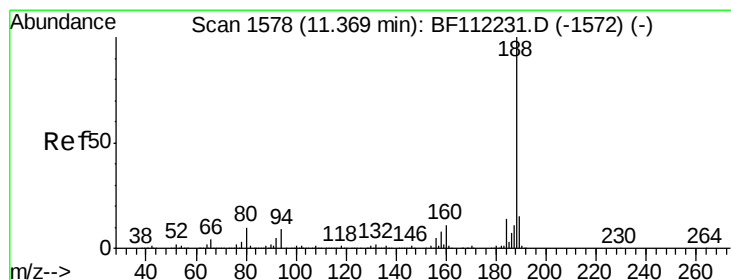
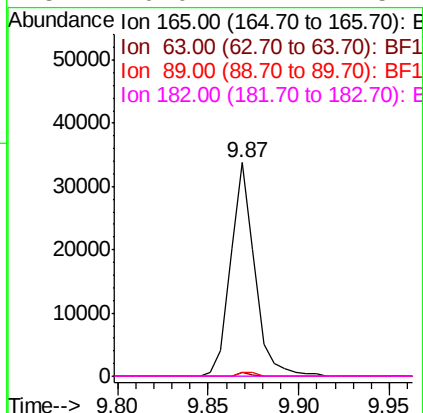
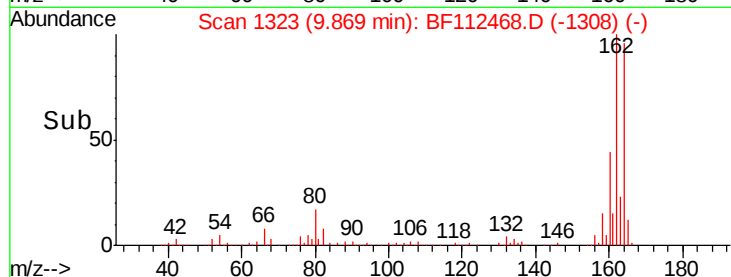
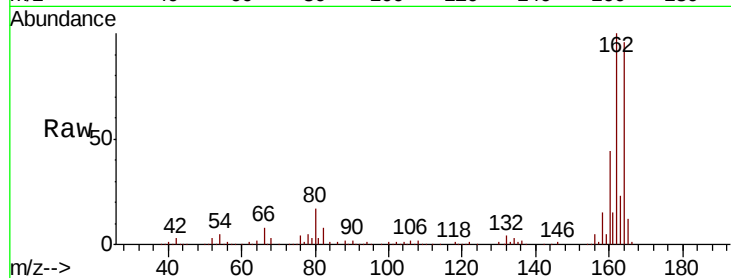




#57
2,4-Dinitrotoluene
Concen: 5.748 ng
RT: 9.87 min Scan# 1323
Delta R.T. -0.21 min
Lab File: BF112468.D
Acq: 8 Feb 2019 19:09

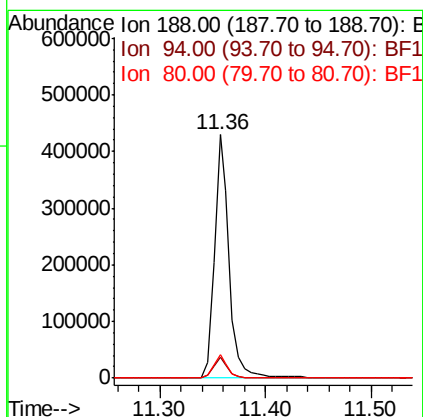
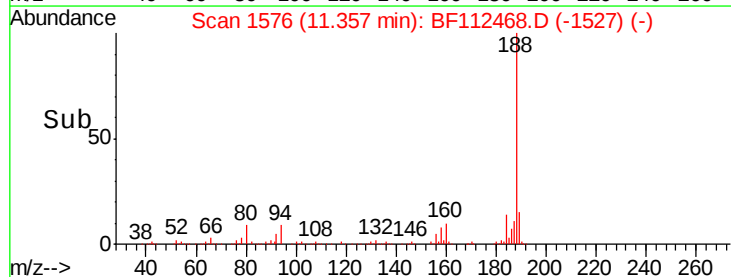
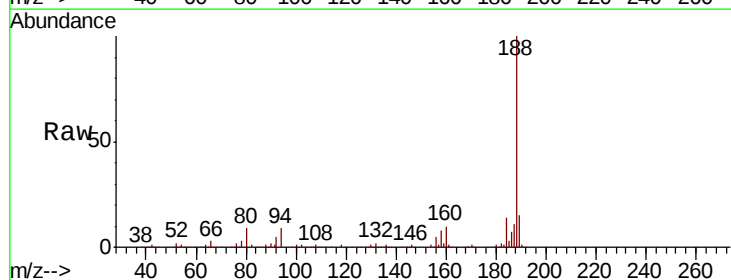
Instrument :
BNA_F
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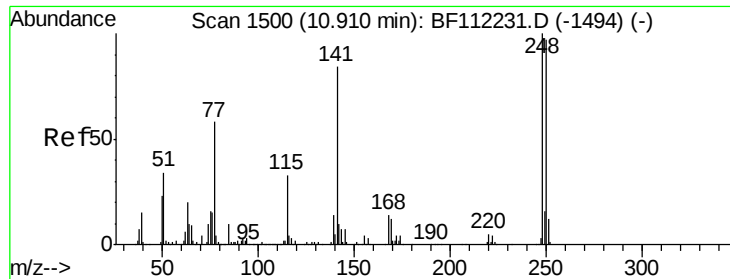
Tot Ion	Ratio	Lower	Upper
165	100		
63	1.8	27.9	41.9#
89	1.7	47.9	71.9#
182	0.0	2.2	3.4#



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.36 min Scan# 1576
Delta R.T. -0.01 min
Lab File: BF112468.D
Acq: 8 Feb 2019 19:09

Tgt Ion	Ratio	Lower	Upper
188	100		
94	8.5	8.2	12.2
80	9.4	8.9	13.3





#67

4-Bromophenyl-phenylether

Concen: 3.865 ng

RT: 10.66 min Scan# 1458

Delta R.T. -0.25 min

Lab File: BF112468.D

Acq: 8 Feb 2019 19:09

Instrument :

BNA_F

ClientSampled :

TEST-PIT-1

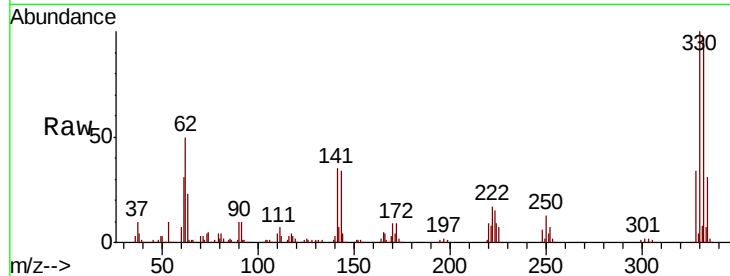
Tot Ion:248 Resp: 19159

Ion Ratio Lower Upper

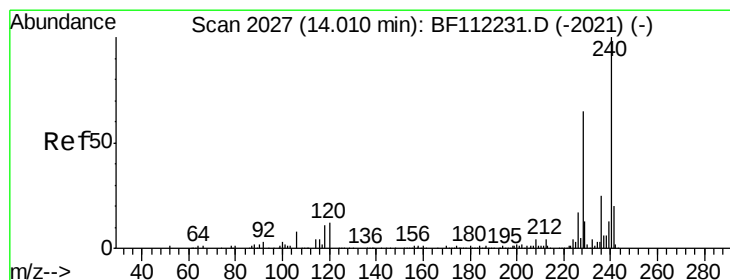
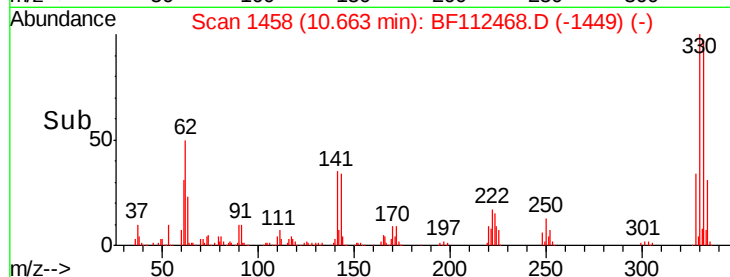
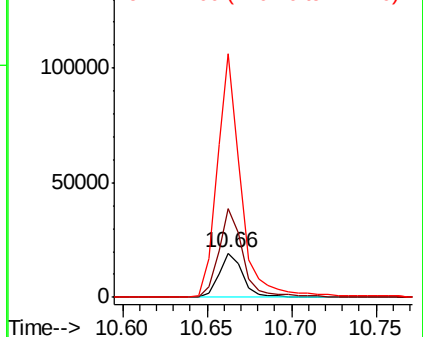
248 100

250 202.8 79.7 119.5#

141 552.7 60.3 90.5#



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



#76

Chrysene-d12

Concen: 20.000 ng

RT: 14.00 min Scan# 2026

Delta R.T. -0.01 min

Lab File: BF112468.D

Acq: 8 Feb 2019 19:09

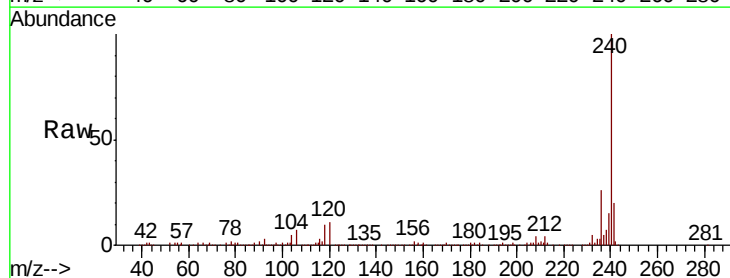
Tgt Ion:240 Resp: 270494

Ion Ratio Lower Upper

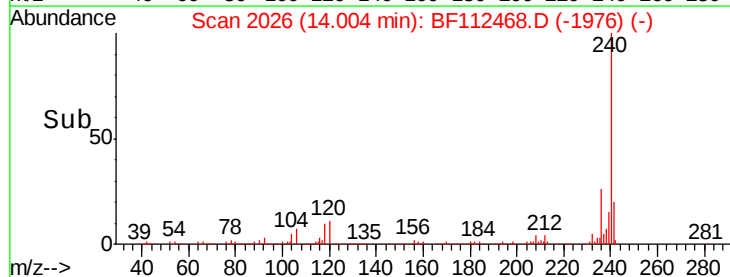
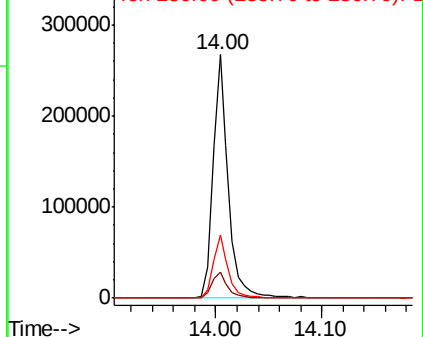
240 100

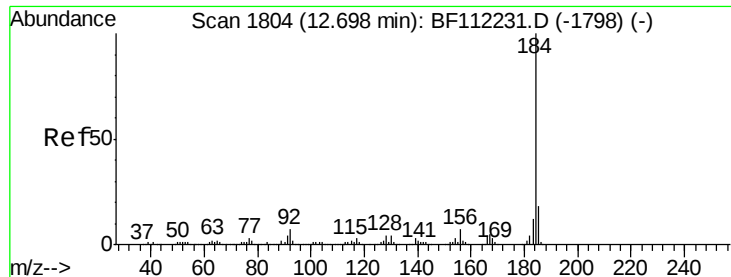
120 10.7 9.0 13.6

236 26.1 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





#77

Benzidine

Concen: 2.590 ng

RT: 12.94 min Scan# 1845

Delta R.T. 0.24 min

Lab File: BF112468.D

Acq: 8 Feb 2019 19:09

Instrument :

BNA_F

ClientSampleId :

TEST-PIT-1

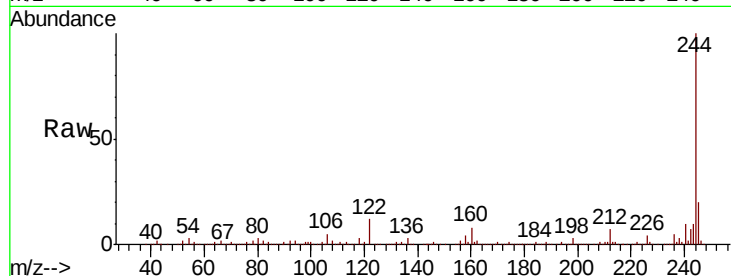
Tot Ion:184 Resp: 19281

Ion Ratio Lower Upper

184 100

185 15.0 13.9 20.9

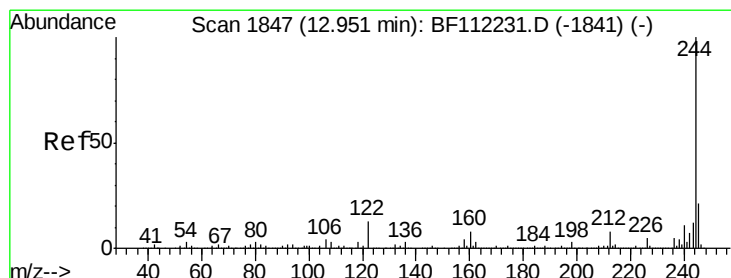
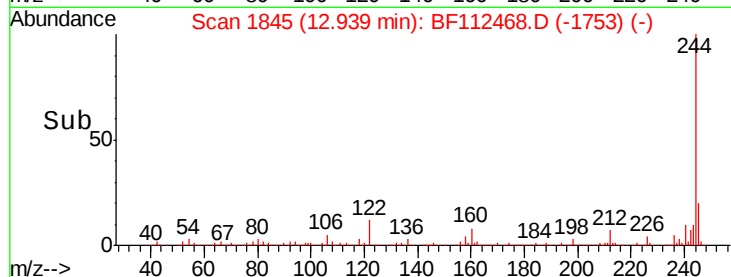
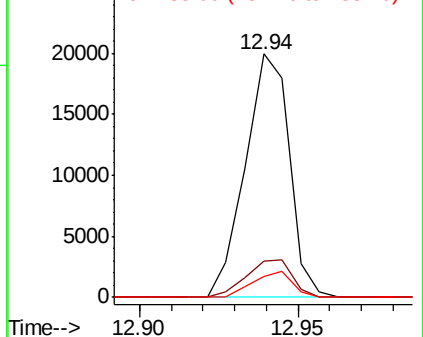
183 8.5 10.0 15.0#



Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E



#79

Terphenyl-d14

Concen: 99.310 ng

RT: 12.94 min Scan# 1846

Delta R.T. -0.01 min

Lab File: BF112468.D

Acq: 8 Feb 2019 19:09

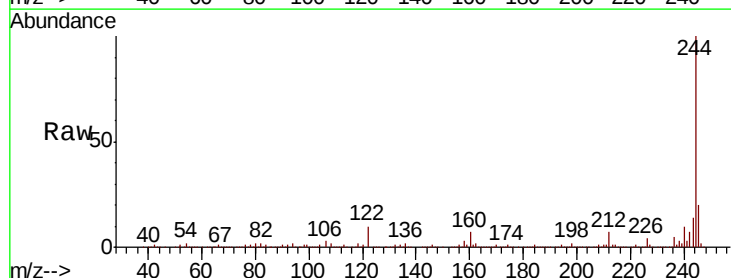
Tgt Ion:244 Resp: 1426253

Ion Ratio Lower Upper

244 100

212 7.0 5.9 8.9

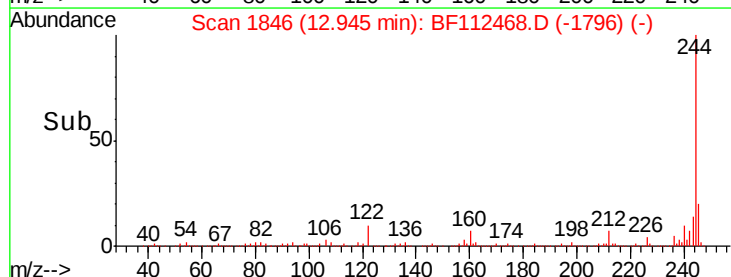
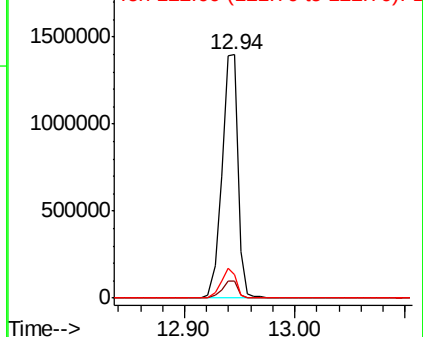
122 9.6 9.8 14.6#

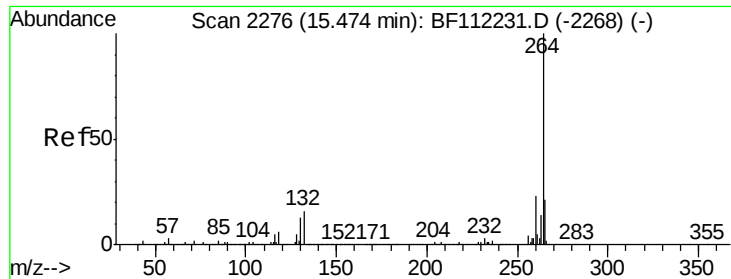


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E





#87
Pervlene-d12
Concen: 20.000 ng
RT: 15.47 min Scan# 2276
Delta R.T. 0.00 min
Lab File: BF112468.D
Acq: 8 Feb 2019 19:09

Instrument :
BNA_F
ClientSampleId :
TEST-PIT-1

Tot Ion: 264 Resp: 281141

Ion	Ratio	Lower	Upper
264	100		
260	23.2	18.2	27.2
265	21.7	17.0	25.4

