

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF021119\
 Data File : BF112500.D
 Acq On : 12 Feb 2019 00:30
 Operator : JU/SJ
 Sample : K1452-04
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 TEST-PIT-2

Quant Time: Feb 12 01:41:26 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

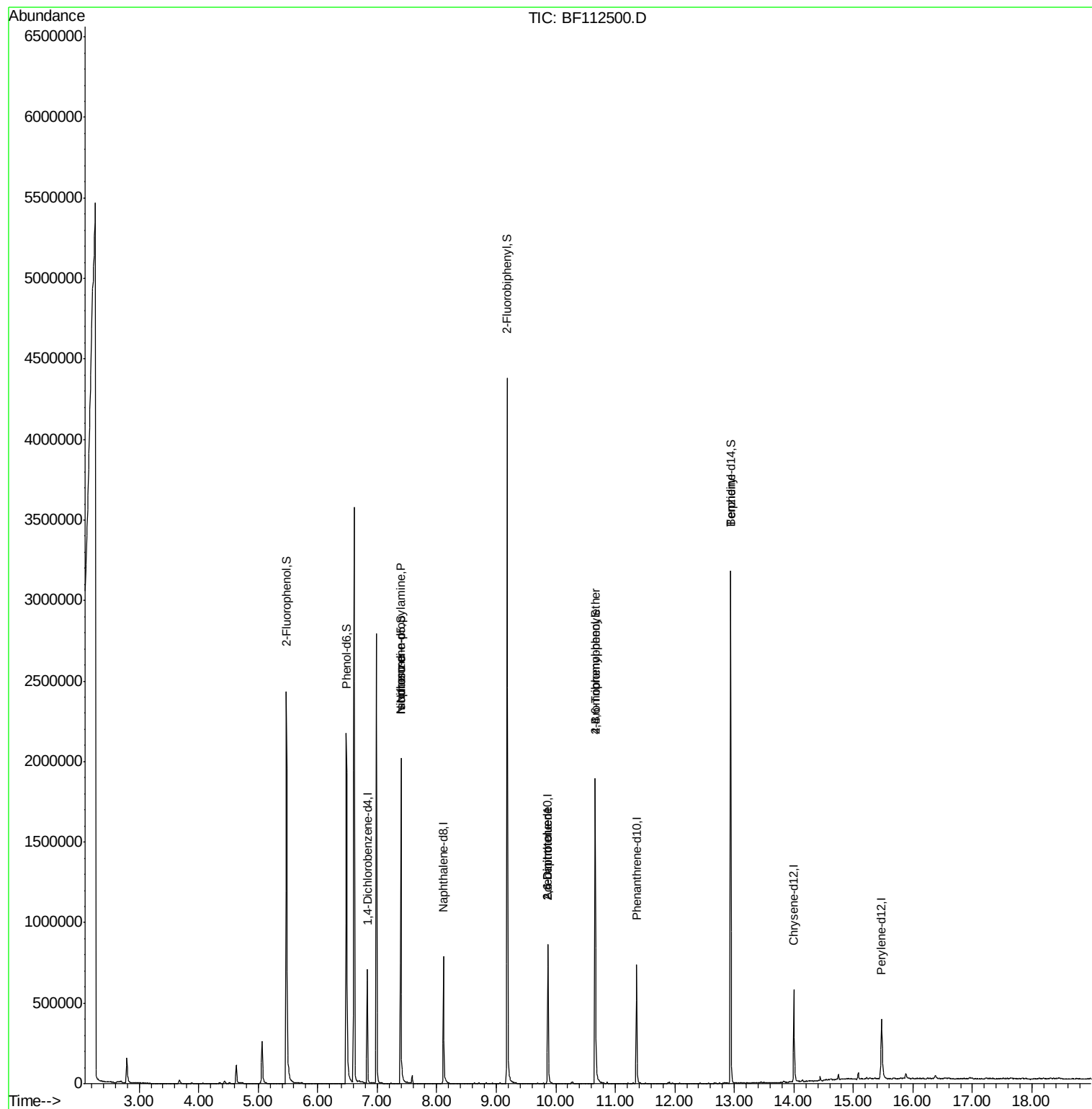
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.83	152	114800	20.00	ng	-0.01
21) Naphthalene-d8	8.11	136	432480	20.00	ng	-0.02
39) Acenaphthene-d10	9.87	164	191975	20.00	ng	-0.02
64) Phenanthrene-d10	11.36	188	304731	20.00	ng	-0.01
76) Chrysene-d12	14.00	240	235945	20.00	ng	0.00
87) Perylene-d12	15.47	264	217008	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.47	112	786006	145.43	ng	0.00
7) Phenol-d6	6.48	99	862063	114.79	ng	-0.01
23) Nitrobenzene-d5	7.40	82	684573	91.21	ng	-0.01
42) 2,4,6-Tribromophenol	10.66	330	273793	122.53	ng	-0.02
45) 2-Fluorobiphenyl	9.19	172	1367277	100.73	ng	-0.02
79) Terphenyl-d14	12.94	244	1082447	86.41	ng	-0.01
Target Compounds						
19) n-Nitroso-di-n-propylamine	7.40	70	92501	17.862	ng	# 76
25) Isophorone	7.40	82	684569	58.138	ng	# 63
51) 2,6-Dinitrotoluene	9.87	165	24380	7.298	ng	# 33
57) 2,4-Dinitrotoluene	9.87	165	24380	5.733	ng	# 31
67) 4-Bromophenyl-phenylether	10.66	248	16081	4.487	ng	# 1
77) Benzidine	12.94	184	14652	2.256	ng	95

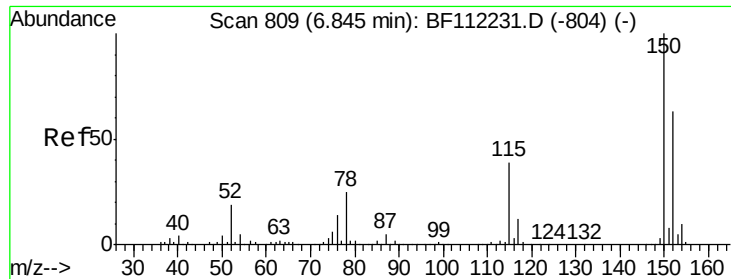
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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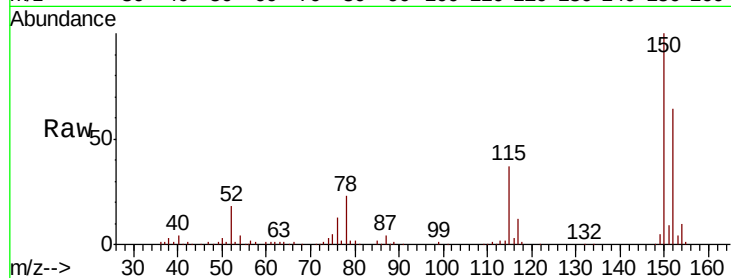


#1

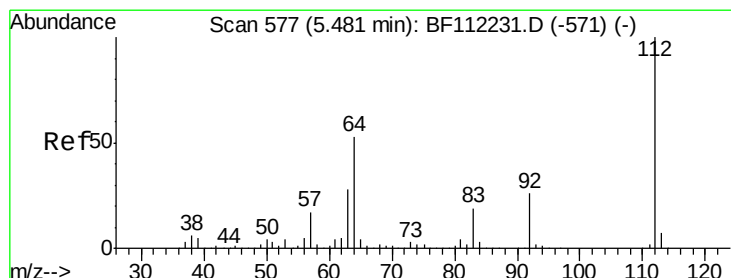
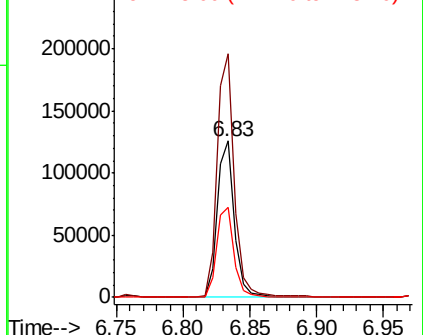
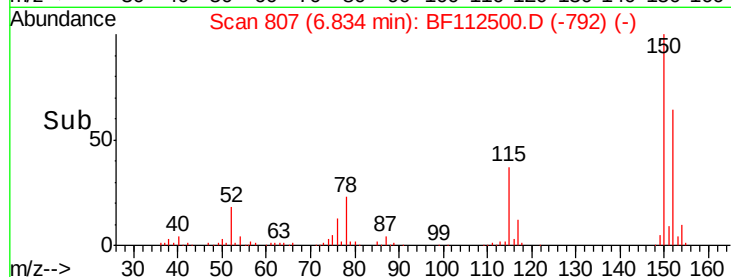
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.83 min Scan# 807
Delta R.T. -0.01 min
Lab File: BF112500.D
Acq: 12 Feb 2019 00:30

Instrument :
BNA_F
ClientSampled :
TEST-PIT-2

Tgt Ion:152 Resp: 114800
Ion Ratio Lower Upper
152 100
150 155.6 127.4 191.0
115 57.5 45.5 68.3



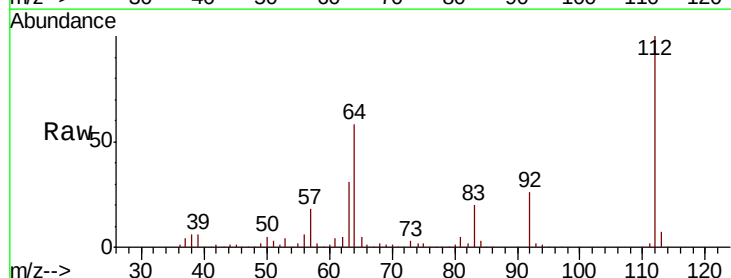
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



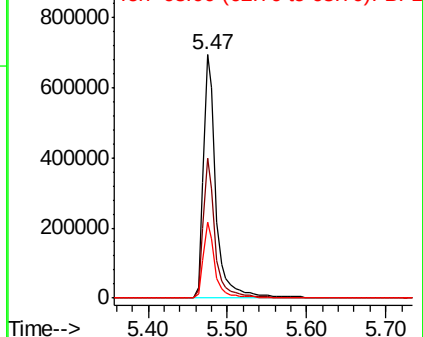
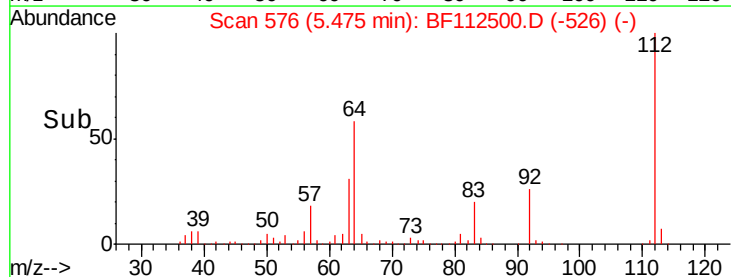
#5

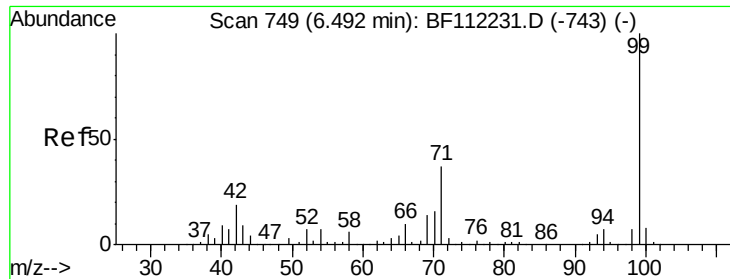
2-Fluorophenol
Concen: 145.429 ng
RT: 5.47 min Scan# 576
Delta R.T. -0.01 min
Lab File: BF112500.D
Acq: 12 Feb 2019 00:30

Tgt Ion:112 Resp: 786006
Ion Ratio Lower Upper
112 100
64 57.6 45.7 68.5
63 31.2 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: 114.786 ng

RT: 6.48 min Scan# 747

Delta R.T. -0.01 min

Lab File: BF112500.D

Acq: 12 Feb 2019 00:30

Instrument :

BNA_F

ClientSampleId :

TEST-PIT-2

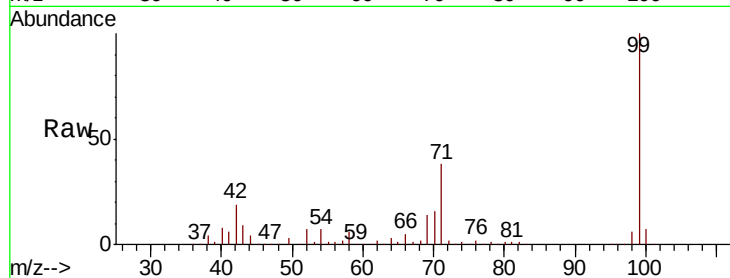
Tgt Ion: 99 Resp: 862063

Ion Ratio Lower Upper

99 100

42 19.3 15.1 22.7

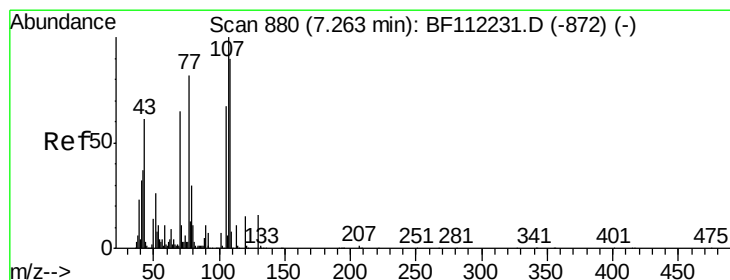
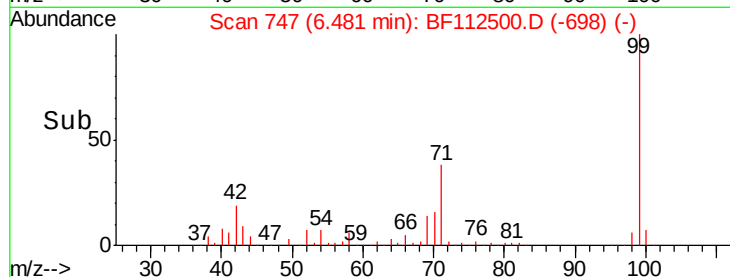
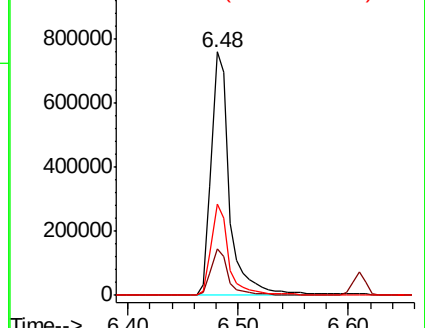
71 37.7 26.9 40.3



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



#19

n-Nitroso-di-n-propylamine

Concen: 17.862 ng

RT: 7.40 min Scan# 903

Delta R.T. 0.14 min

Lab File: BF112500.D

Acq: 12 Feb 2019 00:30

Tgt Ion: 70 Resp: 92501

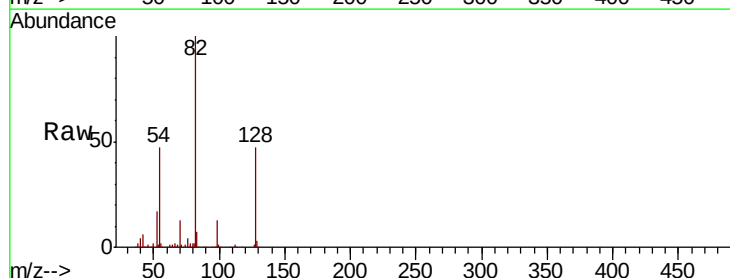
Ion Ratio Lower Upper

70 100

42 47.1 47.6 71.4#

101 0.0 7.9 11.9#

130 2.6 18.4 27.6#

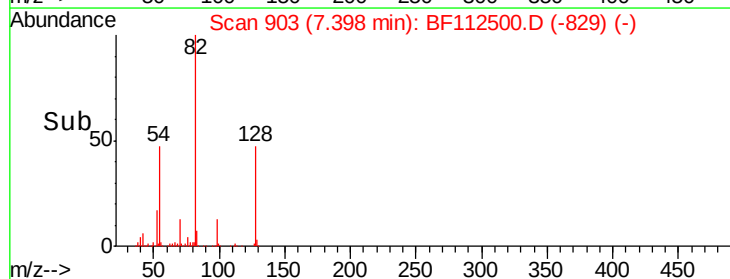
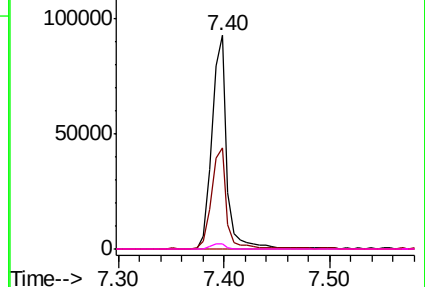


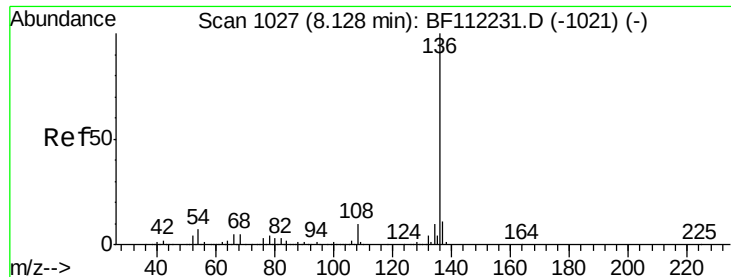
Abundance Ion 70.00 (69.70 to 70.70): BF1

Ion 42.00 (41.70 to 42.70): BF1

Ion 101.00 (100.70 to 101.70): BF1

Ion 130.00 (129.70 to 130.70): BF1

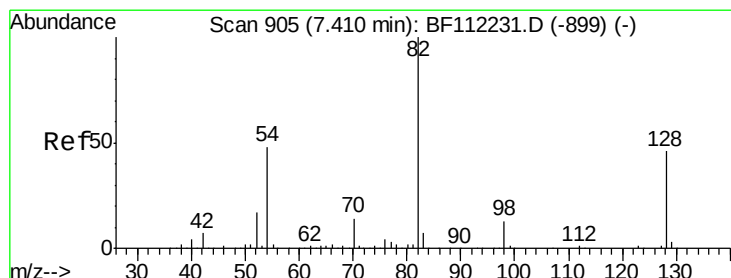
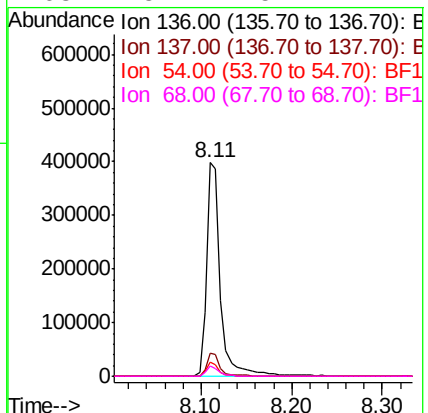
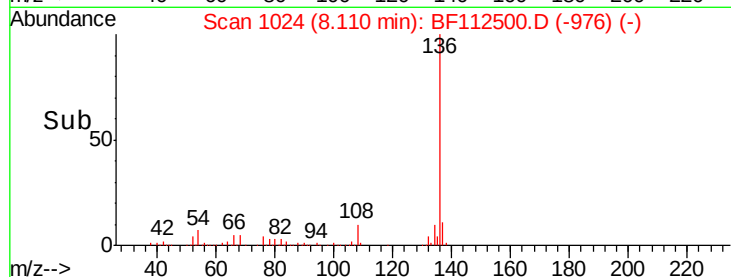
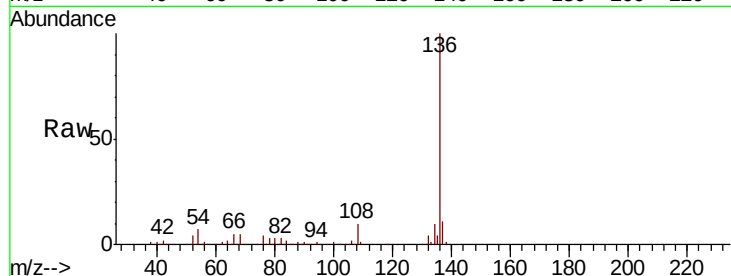




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.11 min Scan# 1024
Delta R.T. -0.02 min
Lab File: BF112500.D
Acq: 12 Feb 2019 00:30

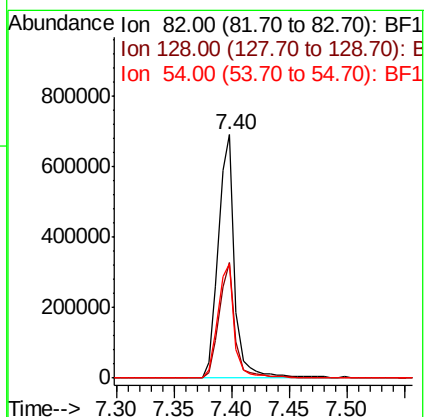
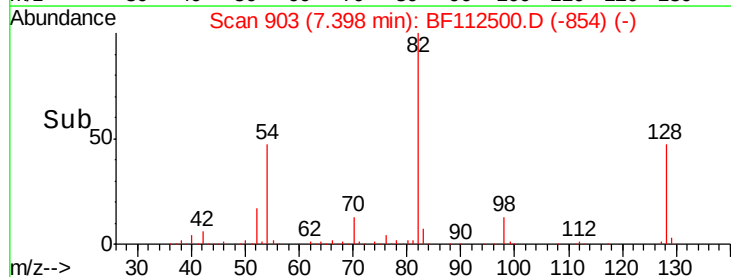
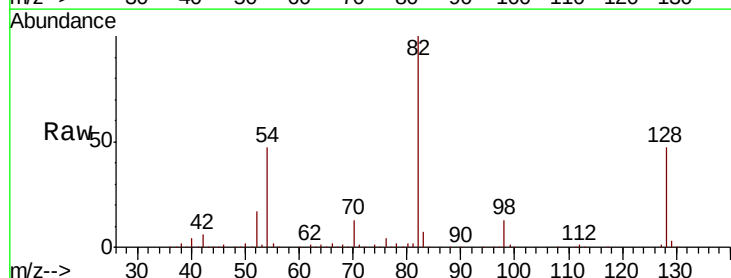
Instrument :
BNA_F
ClientSampleId :
TEST-PIT-2

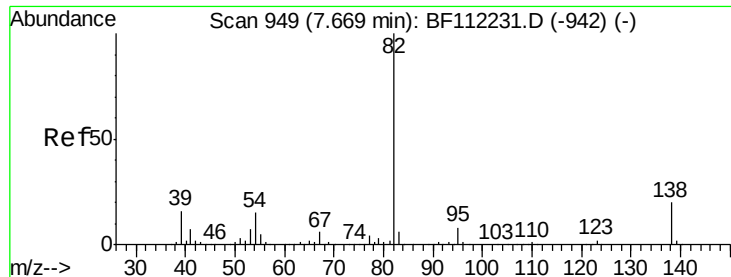
Tgt Ion	Ratio	Lower	Upper
136	100		
137	11.0	9.1	13.7
54	6.8	5.9	8.9
68	5.1	5.1	7.7#



#23
Nitrobenzene-d5
Concen: 91.206 ng
RT: 7.40 min Scan# 903
Delta R.T. -0.01 min
Lab File: BF112500.D
Acq: 12 Feb 2019 00:30

Tgt Ion	Ratio	Lower	Upper
82	100		
128	47.3	37.8	56.8
54	47.2	39.7	59.5





#25

Isophorone

Concen: 58.138 ng

RT: 7.40 min Scan# 903

Delta R.T. -0.27 min

Lab File: BF112500.D

Acq: 12 Feb 2019 00:30

Instrument :

BNA_F

ClientSampleId :

TEST-PIT-2

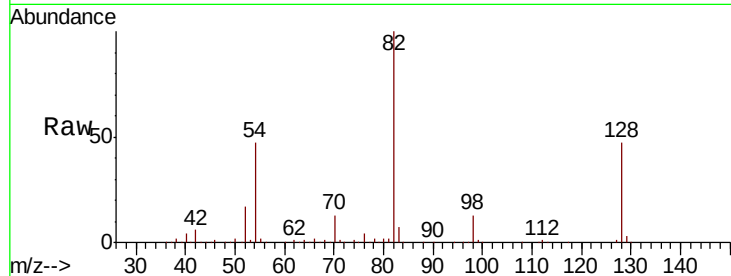
Tgt Ion: 82 Resp: 684569

Ion Ratio Lower Upper

82 100

95 0.0 5.7 8.5#

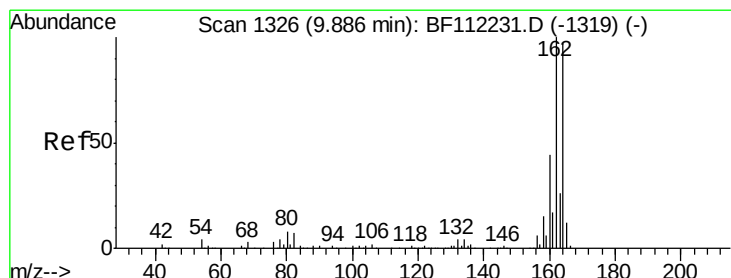
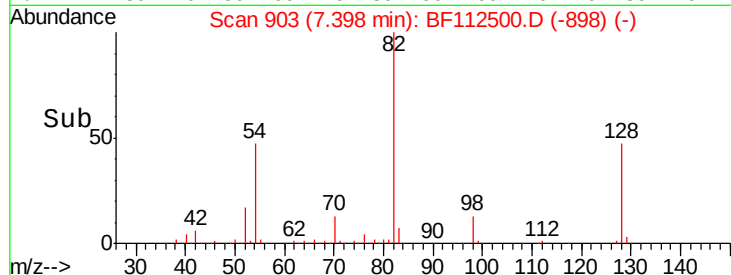
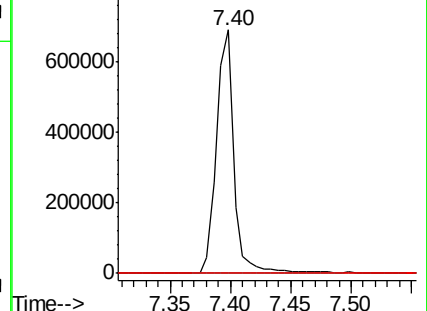
138 0.0 15.4 23.0#



Abundance Ion 82.00 (81.70 to 82.70): BF1

Ion 95.00 (94.70 to 95.70): BF1

Ion 138.00 (137.70 to 138.70): BF1



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.87 min Scan# 1323

Delta R.T. -0.02 min

Lab File: BF112500.D

Acq: 12 Feb 2019 00:30

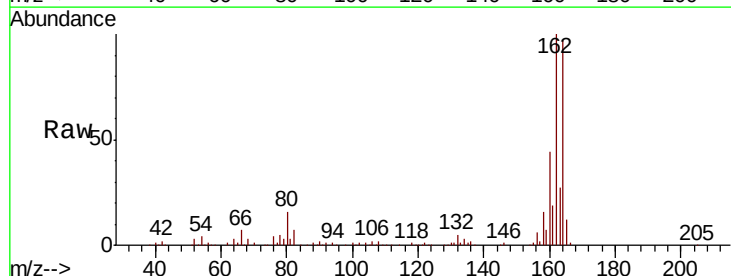
Tgt Ion: 164 Resp: 191975

Ion Ratio Lower Upper

164 100

162 102.9 82.2 123.4

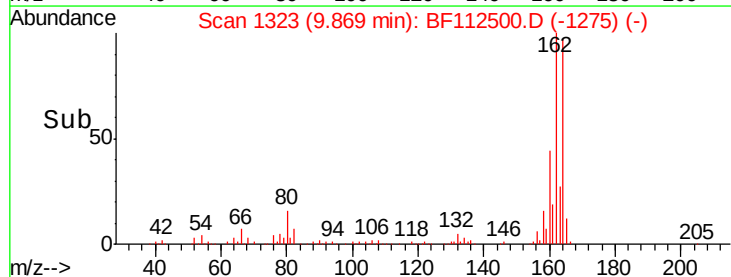
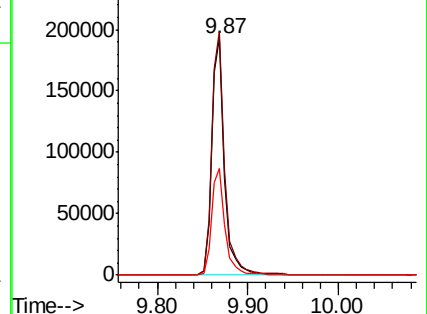
160 45.1 36.2 54.4

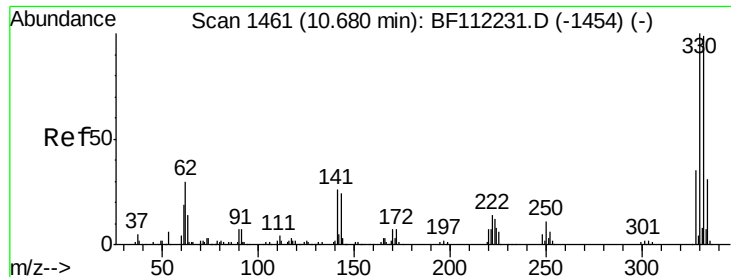


Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E





#42

2,4,6-Tribromophenol

Concen: 122.528 ng

RT: 10.66 min Scan# 1458

Delta R.T. -0.02 min

Lab File: BF112500.D

Acq: 12 Feb 2019 00:30

Instrument :

BNA_F

ClientSampleId :

TEST-PIT-2

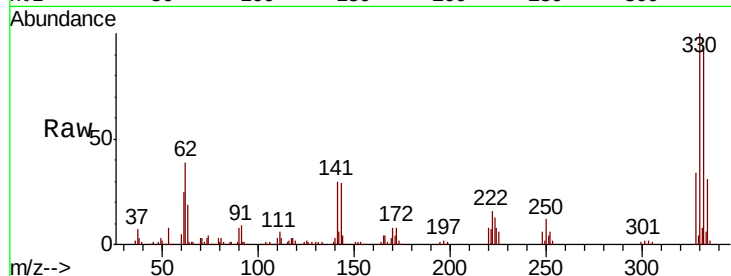
Tgt Ion:330 Resp: 273793

Ion Ratio Lower Upper

330 100

332 92.8 76.6 114.8

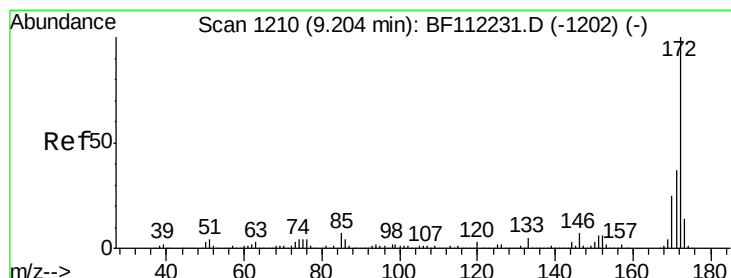
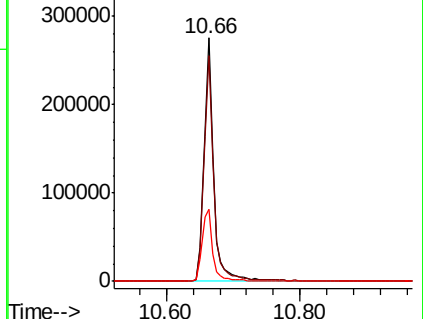
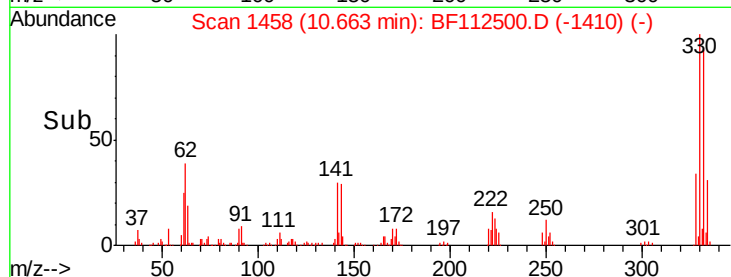
141 32.2 24.3 36.5



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: 100.731 ng

RT: 9.19 min Scan# 1207

Delta R.T. -0.02 min

Lab File: BF112500.D

Acq: 12 Feb 2019 00:30

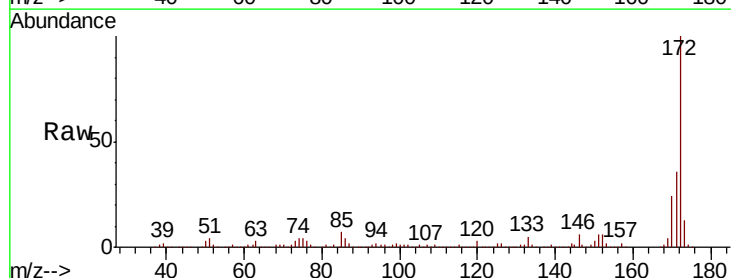
Tgt Ion:172 Resp: 1367277

Ion Ratio Lower Upper

172 100

171 36.0 30.5 45.7

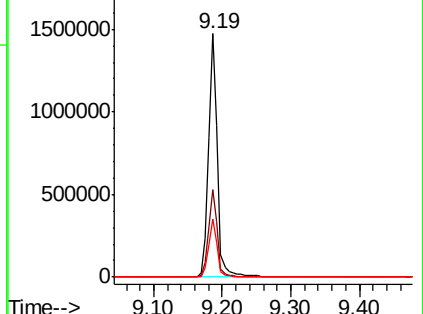
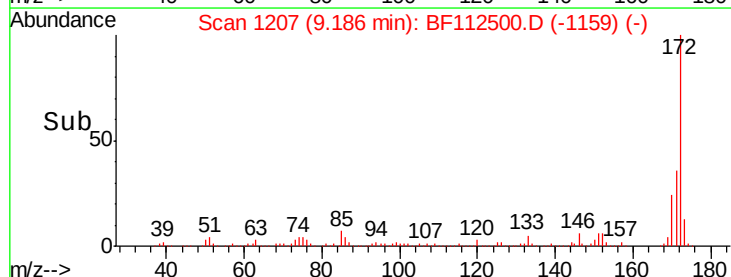
170 24.0 20.2 30.4

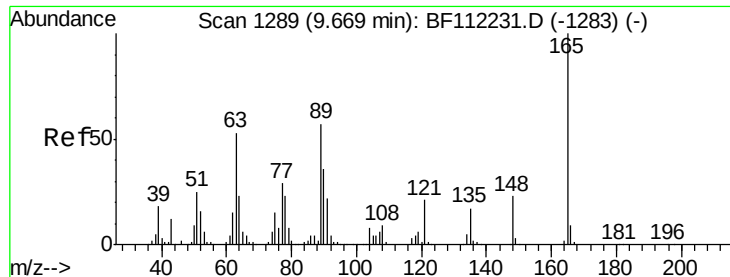


Abundance Ion 172.00 (171.70 to 172.70): E

Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E





#51

2,6-Dinitrotoluene

Concen: 7.298 ng

RT: 9.87 min Scan# 1323

Delta R.T. 0.20 min

Lab File: BF112500.D

Acq: 12 Feb 2019 00:30

Instrument :

BNA_F

ClientSampleId :

TEST-PIT-2

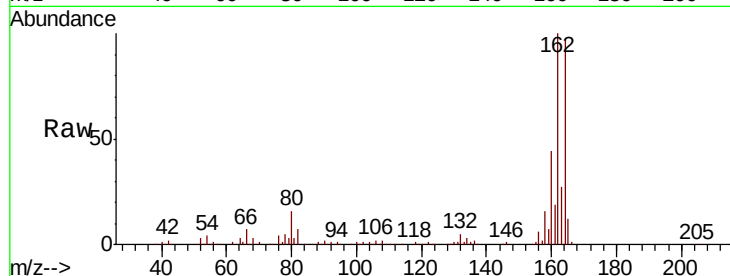
Tgt Ion:165 Resp: 24380

Ion Ratio Lower Upper

165 100

63 0.0 33.8 50.8#

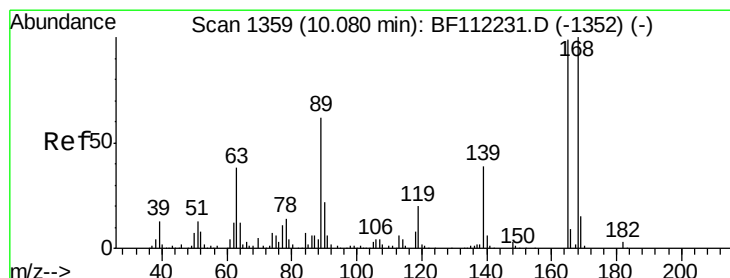
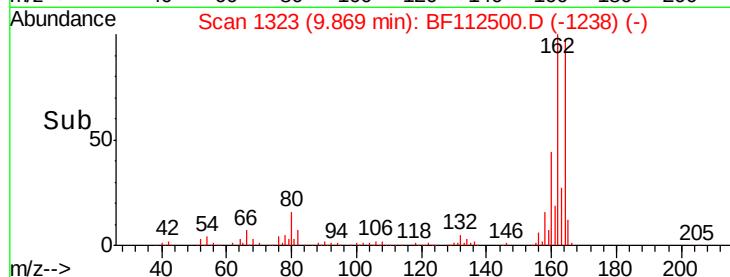
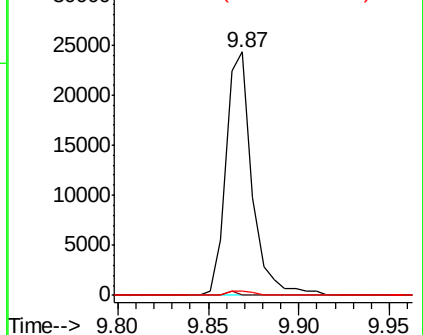
89 2.0 36.9 55.3#



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: 5.733 ng

RT: 9.87 min Scan# 1323

Delta R.T. -0.21 min

Lab File: BF112500.D

Acq: 12 Feb 2019 00:30

Tgt Ion:165 Resp: 24380

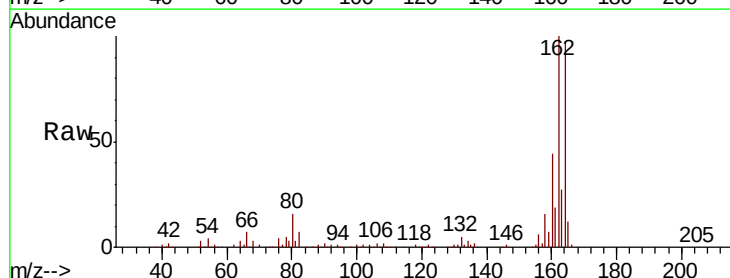
Ion Ratio Lower Upper

165 100

63 0.0 27.9 41.9#

89 2.0 47.9 71.9#

182 0.0 2.2 3.4#

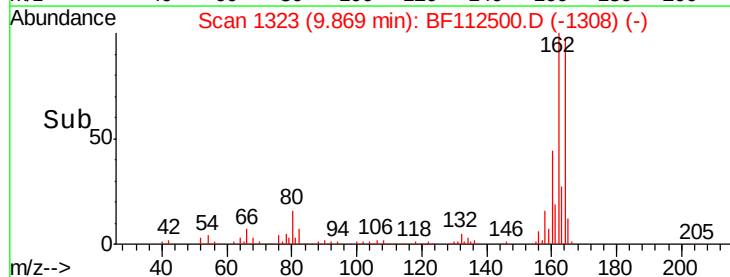
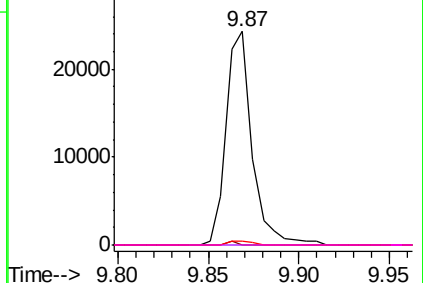


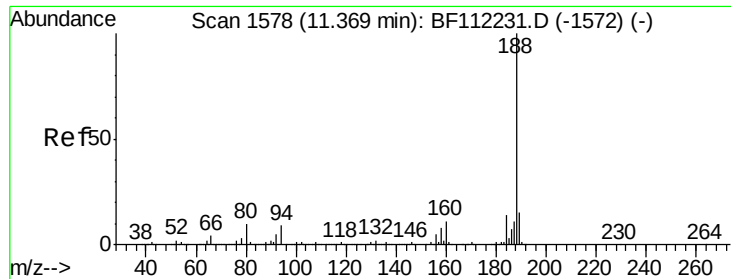
Abundance Ion 165.00 (164.70 to 165.70): E

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

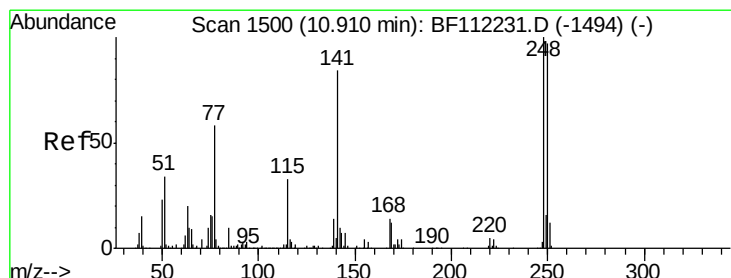
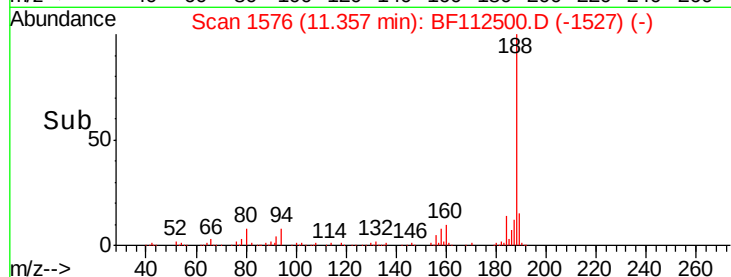
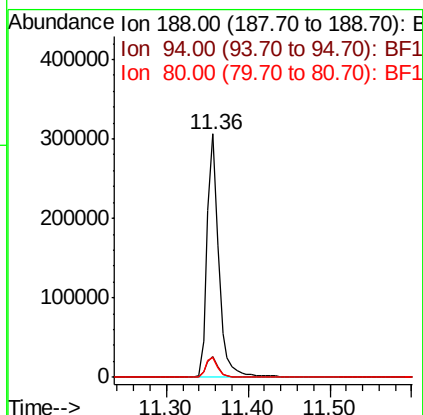
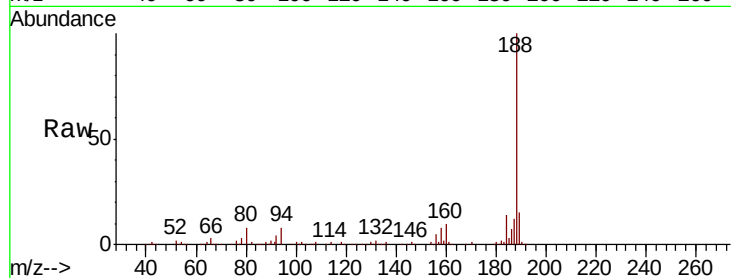




#64
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 11.36 min Scan# 1576
 Delta R.T. -0.01 min
 Lab File: BF112500.D
 Acq: 12 Feb 2019 00:30

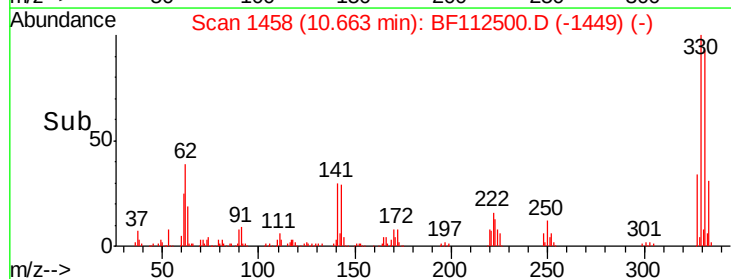
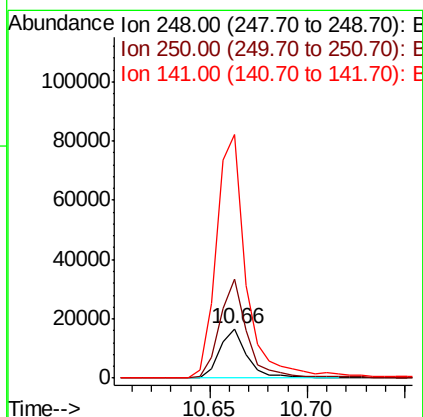
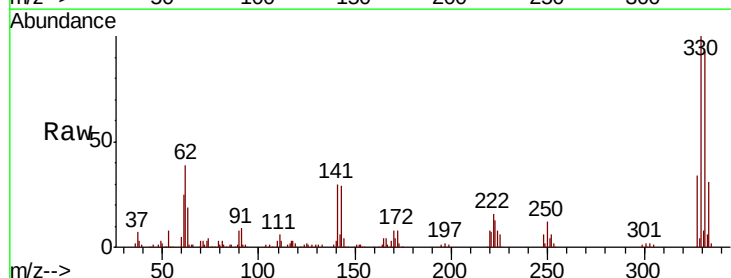
Instrument :
 BNA_F
 ClientSampleId :
 TEST-PIT-2

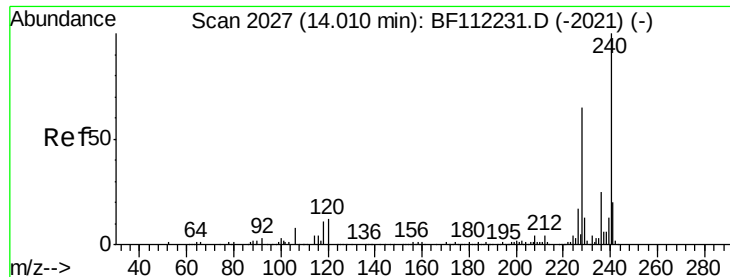
Tgt Ion:188 Resp: 304731
 Ion Ratio Lower Upper
 188 100
 94 8.4 8.2 12.2
 80 8.1 8.9 13.3#



#67
 4-Bromophenyl-phenylether
 Concen: 4.487 ng
 RT: 10.66 min Scan# 1458
 Delta R.T. -0.25 min
 Lab File: BF112500.D
 Acq: 12 Feb 2019 00:30

Tgt Ion:248 Resp: 16081
 Ion Ratio Lower Upper
 248 100
 250 200.0 79.7 119.5#
 141 492.2 60.3 90.5#

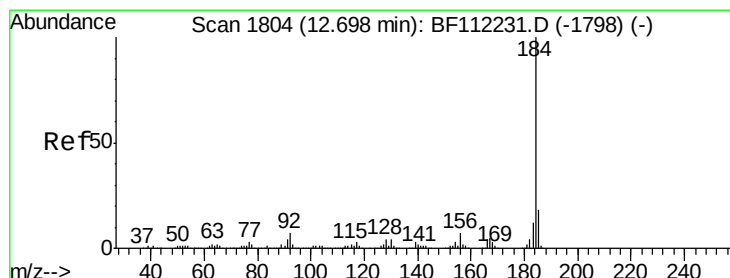
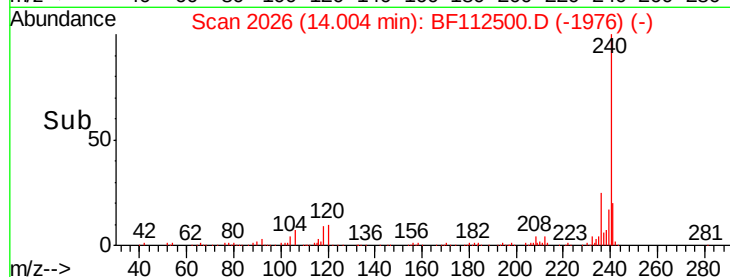
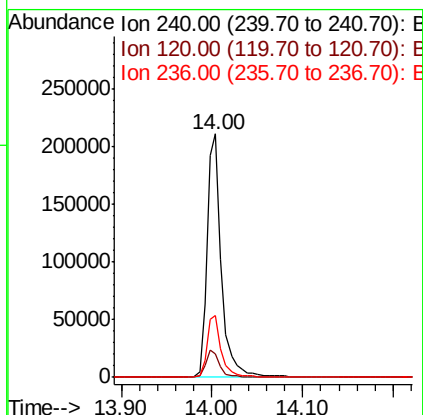
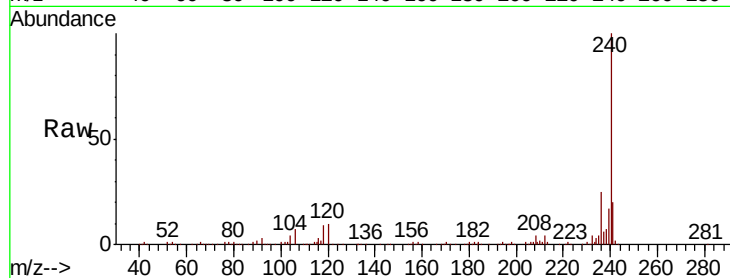




#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.00 min Scan# 2026
Delta R.T. -0.01 min
Lab File: BF112500.D
Acq: 12 Feb 2019 00:30

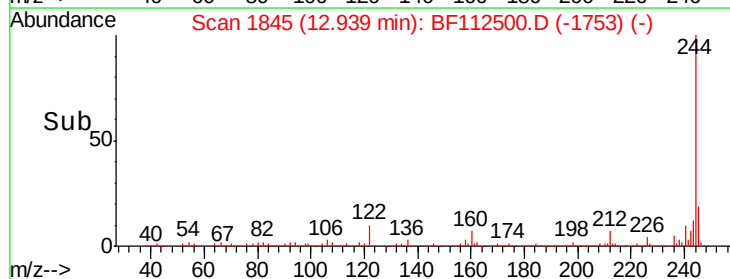
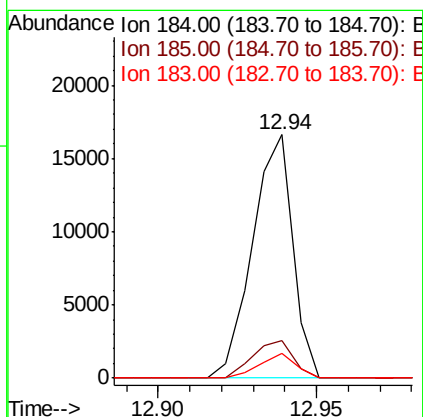
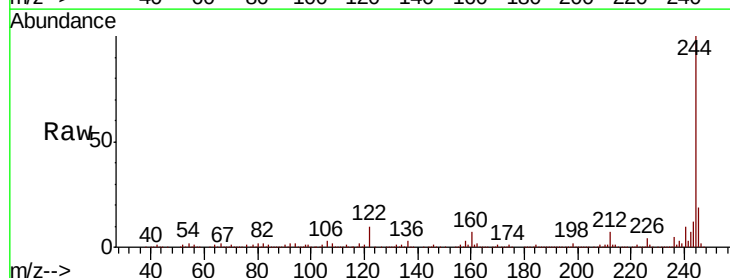
Instrument :
BNA_F
ClientSampleId :
TEST-PIT-2

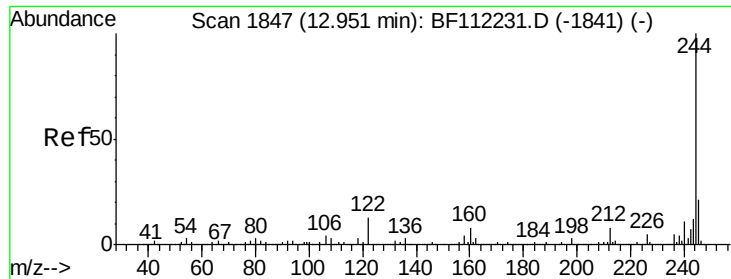
Tgt Ion:240 Resp: 235945
Ion Ratio Lower Upper
240 100
120 9.8 9.0 13.6
236 25.4 20.7 31.1



#77
Benzidine
Concen: 2.256 ng
RT: 12.94 min Scan# 1845
Delta R.T. 0.24 min
Lab File: BF112500.D
Acq: 12 Feb 2019 00:30

Tgt Ion:184 Resp: 14652
Ion Ratio Lower Upper
184 100
185 15.3 13.9 20.9
183 10.2 10.0 15.0





#79

Terphenyl-d14

Concen: 86.407 ng

RT: 12.94 min Scan# 1845

Delta R.T. -0.01 min

Lab File: BF112500.D

Acq: 12 Feb 2019 00:30

Instrument :

BNA_F

ClientSampleId :

TEST-PIT-2

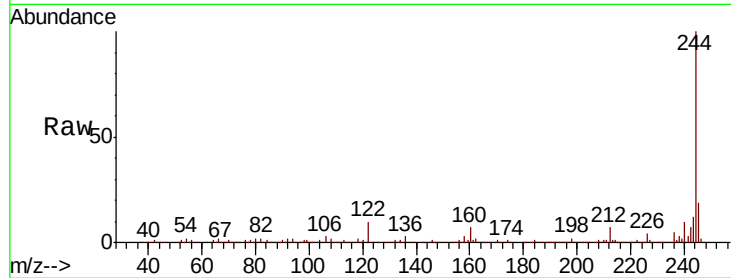
Tgt Ion:244 Resp: 1082447

Ion Ratio Lower Upper

244 100

212 6.6 5.9 8.9

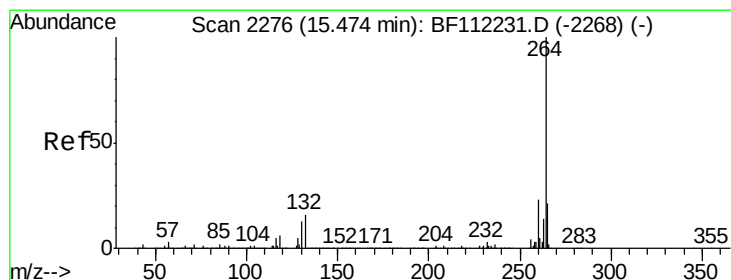
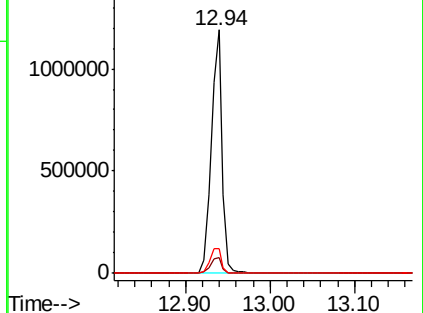
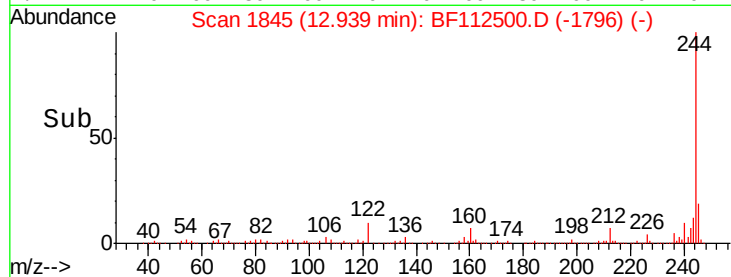
122 10.2 9.8 14.6



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

Perylene-d12

Concen: 20.000 ng

RT: 15.47 min Scan# 2276

Delta R.T. 0.00 min

Lab File: BF112500.D

Acq: 12 Feb 2019 00:30

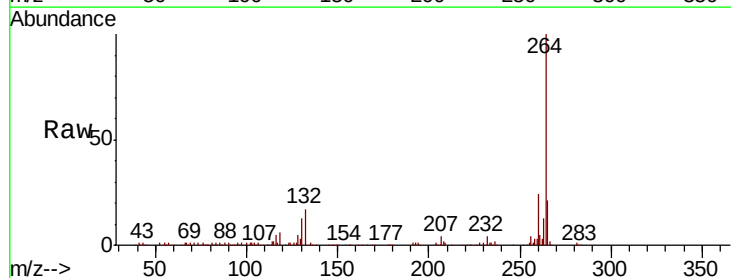
Tgt Ion:264 Resp: 217008

Ion Ratio Lower Upper

264 100

260 23.8 18.2 27.2

265 21.1 17.0 25.4



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

