

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF020819\
 Data File : BF112457.D
 Acq On : 8 Feb 2019 14:10
 Operator : JU/SJ
 Sample : K1422-01
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 TEST-PIT-1

Quant Time: Feb 09 04:56:14 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

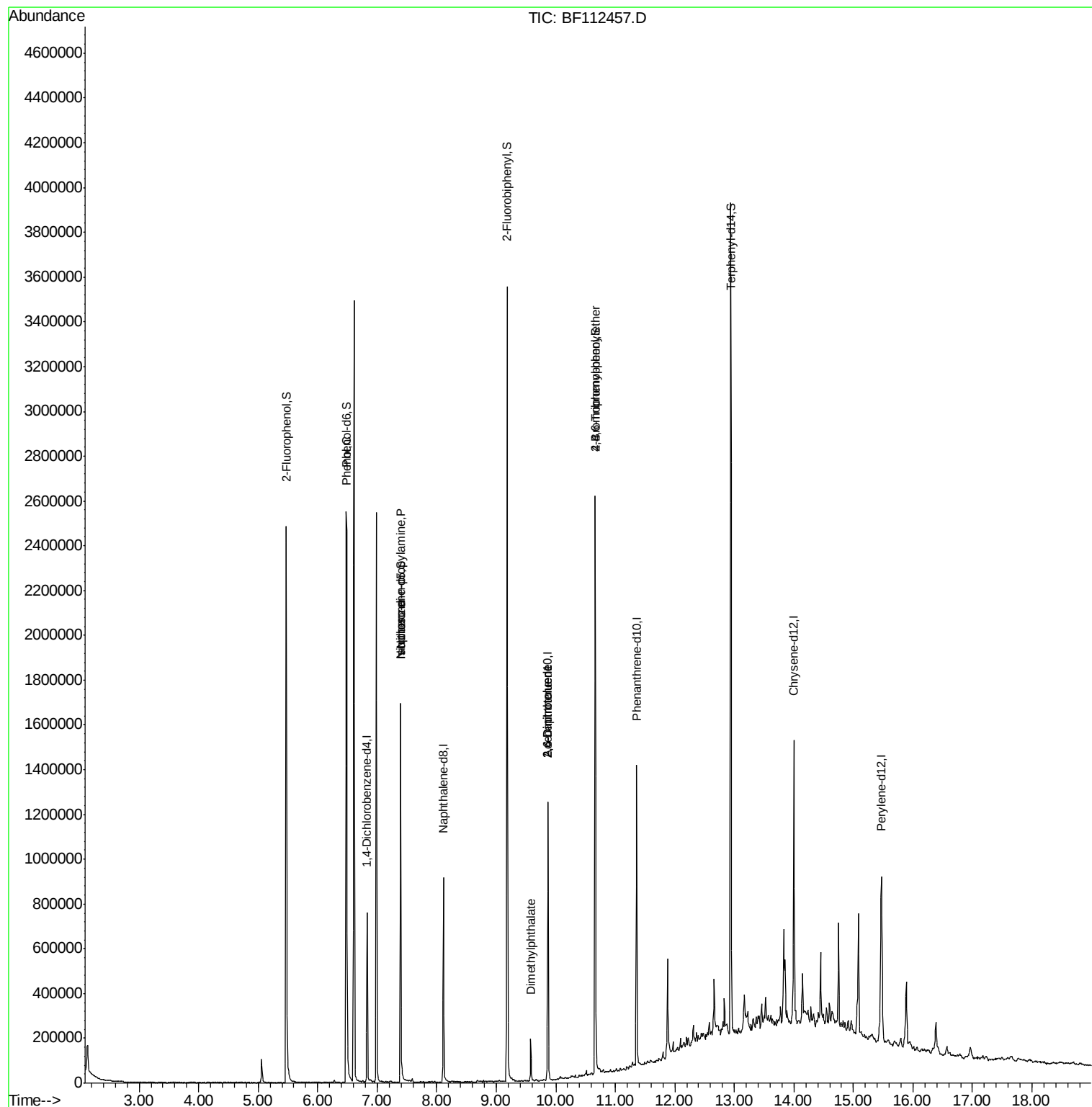
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.83	152	128332	20.00	ng	-0.01
21) Naphthalene-d8	8.12	136	502831	20.00	ng	-0.01
39) Acenaphthene-d10	9.87	164	250675	20.00	ng	-0.02
64) Phenanthrene-d10	11.36	188	493712	20.00	ng	-0.01
76) Chrysene-d12	14.00	240	405680	20.00	ng	0.00
87) Perylene-d12	15.47	264	301006	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.47	112	806908	133.55	ng	0.00
7) Phenol-d6	6.48	99	1010447	120.36	ng	-0.01
23) Nitrobenzene-d5	7.39	82	620226	71.07	ng	-0.02
42) 2,4,6-Tribromophenol	10.66	330	333973	114.46	ng	-0.02
45) 2-Fluorobiphenyl	9.19	172	1135516	64.07	ng	-0.02
79) Terphenyl-d14	12.94	244	1272175	59.06	ng	-0.01
Target Compounds						
10) Phenol	6.49	94	25648	2.785	ng	89
19) n-Nitroso-di-n-propylamine	7.39	70	84864	14.660	ng	# 76
25) Isophorone	7.39	82	620222	45.304	ng	# 63
50) Dimethylphthalate	9.58	163	79470	4.080	ng	99
51) 2,6-Dinitrotoluene	9.87	165	32260	7.396	ng	# 34
57) 2,4-Dinitrotoluene	9.87	165	32260	5.809	ng	# 31
67) 4-Bromophenyl-phenylether	10.66	248	19096	3.289	ng	# 1

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

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF020819\
Data File : BF112457.D
Acq On : 8 Feb 2019 14:10
Operator : JU/SJ
Sample : K1422-01
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
TEST-PIT-1

Quant Time: Feb 09 04:56:14 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





#1

1,4-Dichlorobenzene-d4

Concen: 20.000 ng

RT: 6.83 min Scan# 807

Delta R.T. -0.01 min

Lab File: BF112457.D

Acq: 8 Feb 2019 14:10

Instrument :

BNA_F

ClientSampleId :

TEST-PIT-1

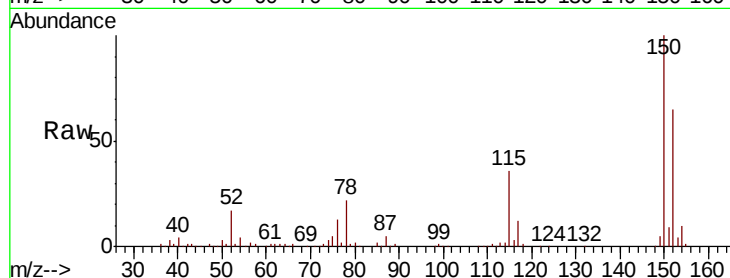
Tot Ion:152 Resp: 128332

Ion Ratio Lower Upper

152 100

150 152.8 127.4 191.0

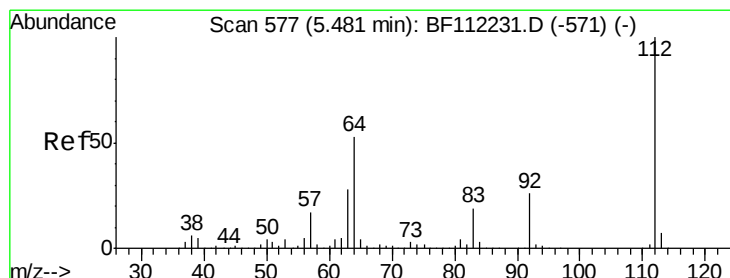
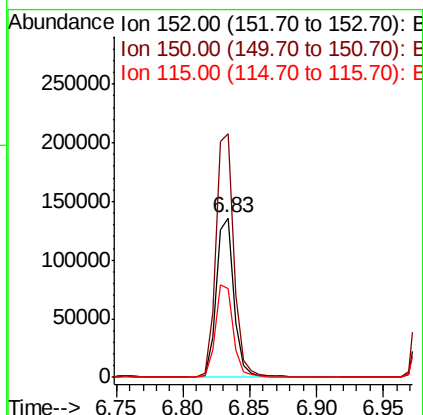
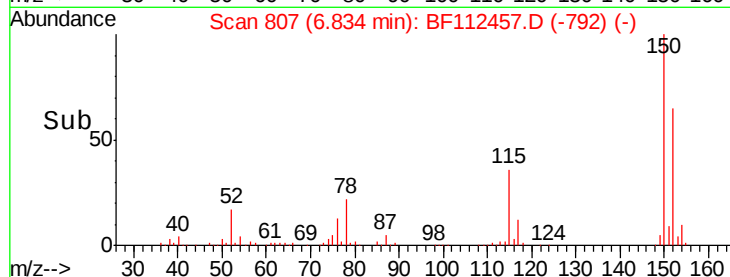
115 55.4 45.5 68.3



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: 133.554 ng

RT: 5.47 min Scan# 576

Delta R.T. -0.01 min

Lab File: BF112457.D

Acq: 8 Feb 2019 14:10

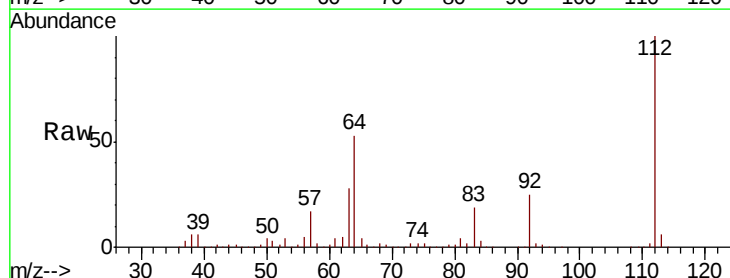
Tgt Ion:112 Resp: 806908

Ion Ratio Lower Upper

112 100

64 53.2 45.7 68.5

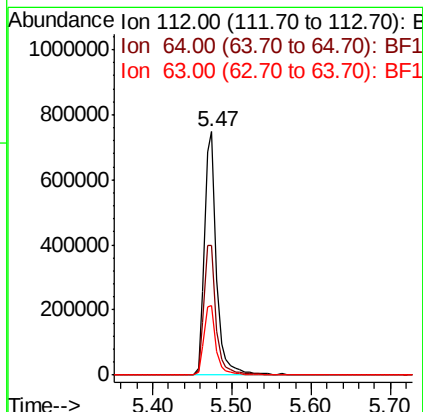
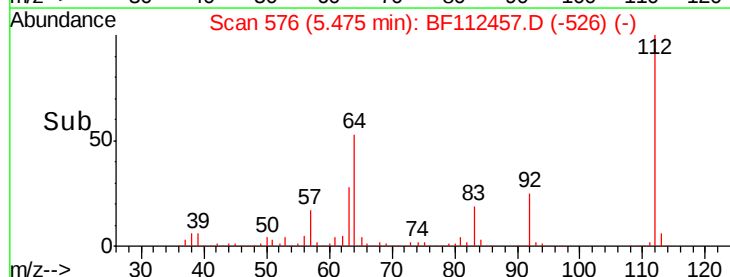
63 28.3 23.6 35.4



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: 120.357 ng

RT: 6.48 min Scan# 747

Delta R.T. -0.01 min

Lab File: BF112457.D

Acq: 8 Feb 2019 14:10

Instrument :

BNA_F

ClientSampleId :

TEST-PIT-1

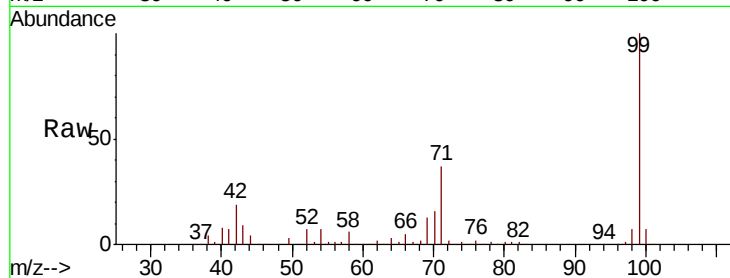
Tot Ion: 99 Resp: 1010447

Ion Ratio Lower Upper

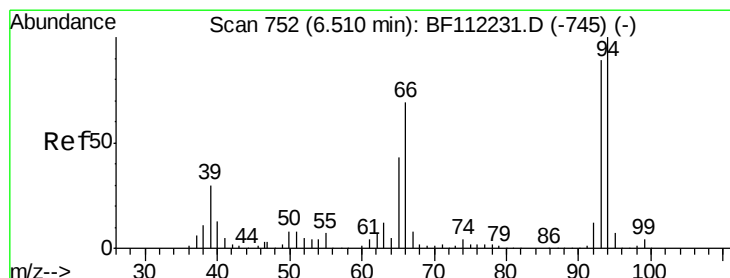
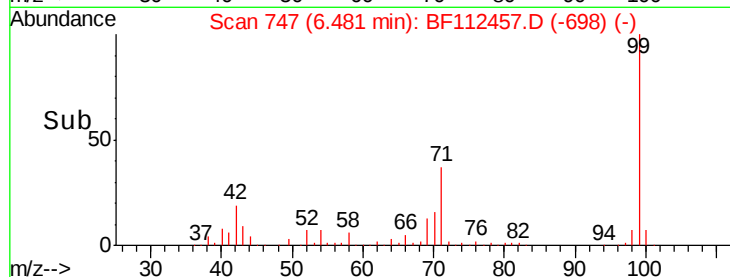
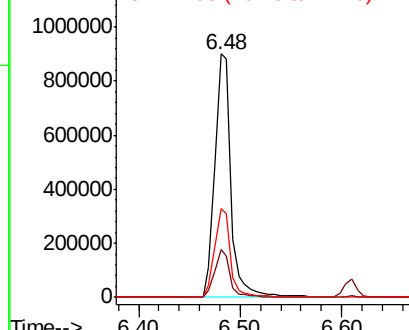
99 100

42 19.4 15.1 22.7

71 36.7 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



#10

Phenol

Concen: 2.785 ng

RT: 6.49 min Scan# 749

Delta R.T. -0.02 min

Lab File: BF112457.D

Acq: 8 Feb 2019 14:10

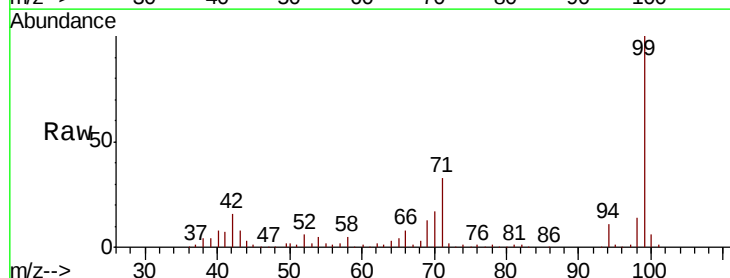
Tgt Ion: 94 Resp: 25648

Ion Ratio Lower Upper

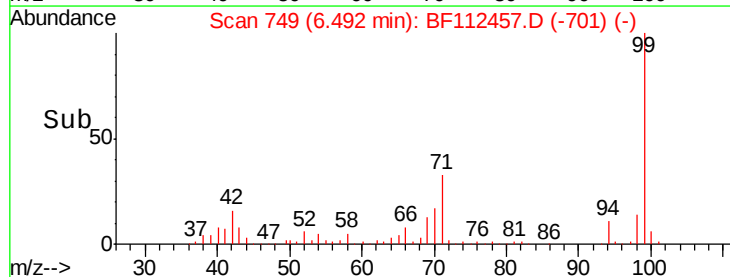
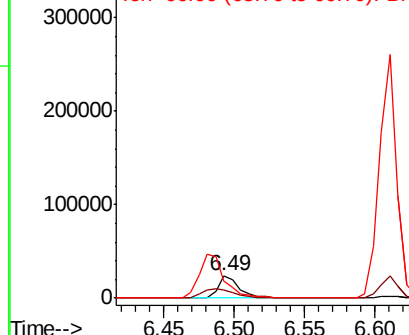
94 100

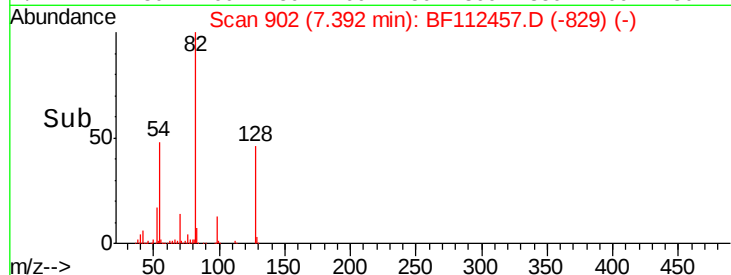
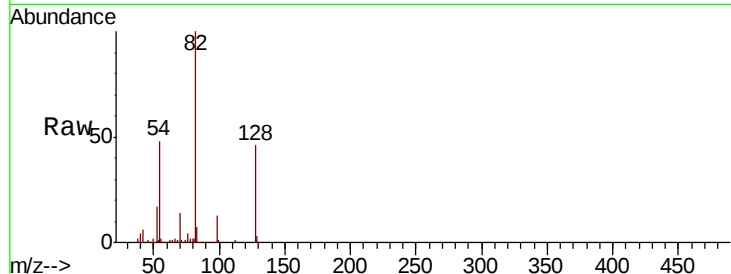
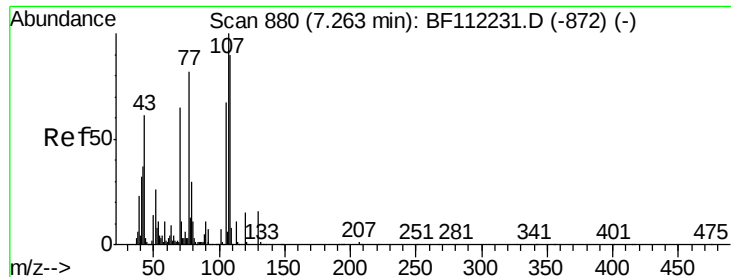
65 36.5 20.3 60.3

66 72.9 42.4 82.4



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

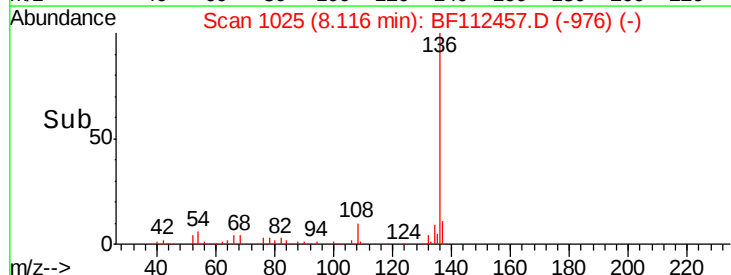
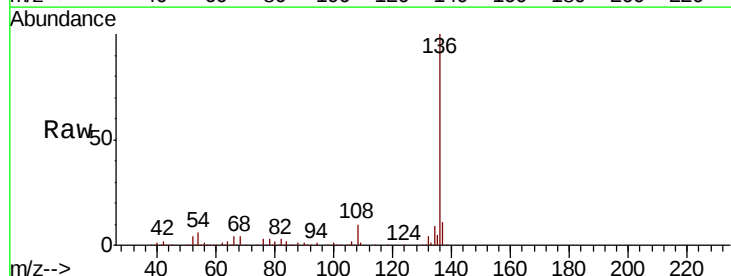
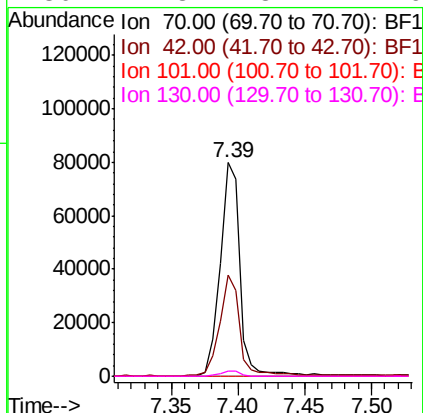




#19
n-Nitroso-di-n-propylamine
Concen: 14.660 ng
RT: 7.39 min Scan# 902
Delta R.T. 0.13 min
Lab File: BF112457.D
Acq: 8 Feb 2019 14:10

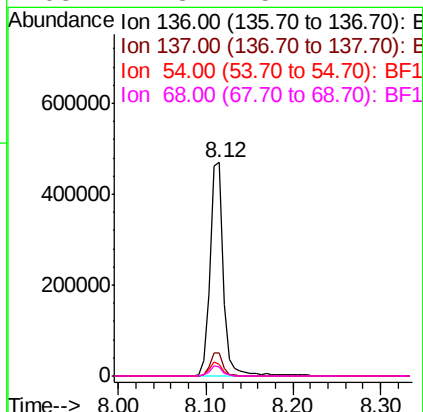
Instrument :
BNA_F
ClientSampleId :
TEST-PIT-1

Tot Ion:	70	Resp:	84864
Ion	Ratio	Lower	Upper
70	100		
42	47.2	47.6	71.4#
101	0.0	7.9	11.9#
130	2.3	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: BF112457.D
Acq: 8 Feb 2019 14:10

Tgt Ion:	136	Resp:	502831
Ion	Ratio	Lower	Upper
136	100		
137	10.7	9.1	13.7
54	5.7	5.9	8.9#
68	4.3	5.1	7.7#

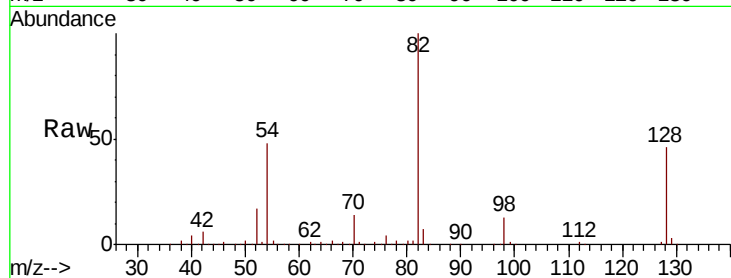




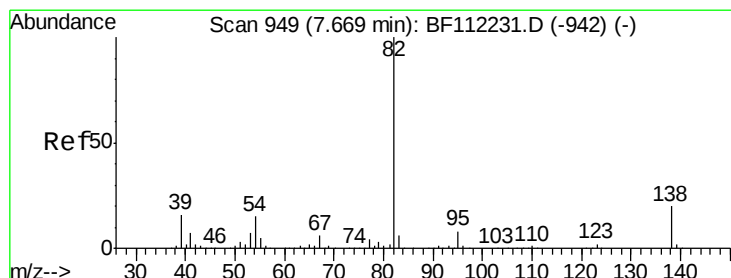
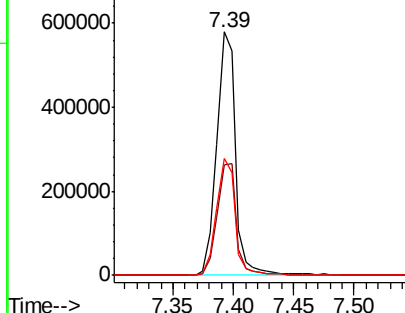
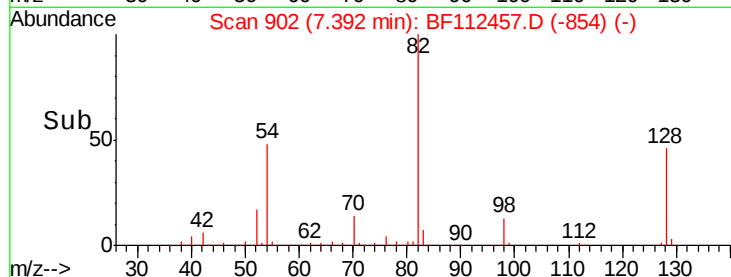
#23
Nitrobenzene-d5
Concen: 71.072 ng
RT: 7.39 min Scan# 902
Delta R.T. -0.02 min
Lab File: BF112457.D
Acq: 8 Feb 2019 14:10

Instrument :
BNA_F
ClientSampleId :
TEST-PIT-1

Tot Ion: 82 Resp: 620226
Ion Ratio Lower Upper
82 100
128 45.5 37.8 56.8
54 48.0 39.7 59.5

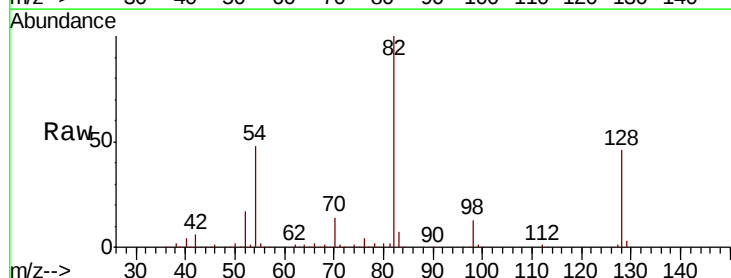


Abundance Ion 82.00 (81.70 to 82.70): BF1
Ion 128.00 (127.70 to 128.70): BF1
Ion 54.00 (53.70 to 54.70): BF1

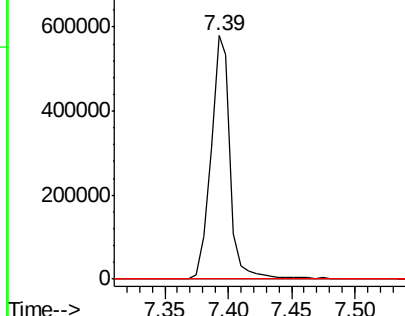
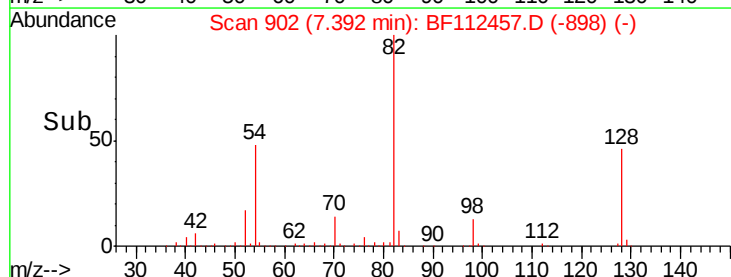


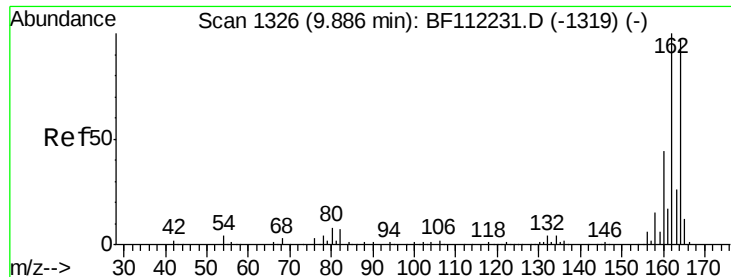
#25
Isophorone
Concen: 45.304 ng
RT: 7.39 min Scan# 902
Delta R.T. -0.28 min
Lab File: BF112457.D
Acq: 8 Feb 2019 14:10

Tgt Ion: 82 Resp: 620222
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: BF112457.D

Acq: 8 Feb 2019 14:10

Instrument :

BNA_F

ClientSampleId :

TEST-PIT-1

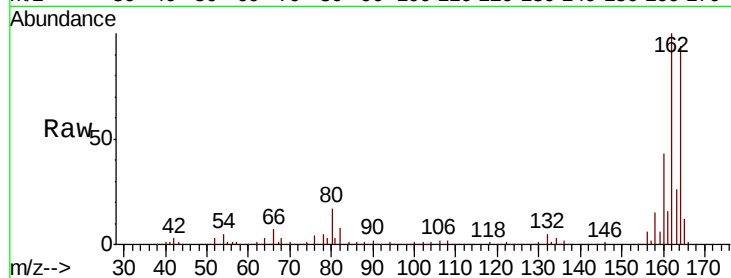
Tot Ion:164 Resp: 250675

Ion Ratio Lower Upper

164 100

162 106.3 82.2 123.4

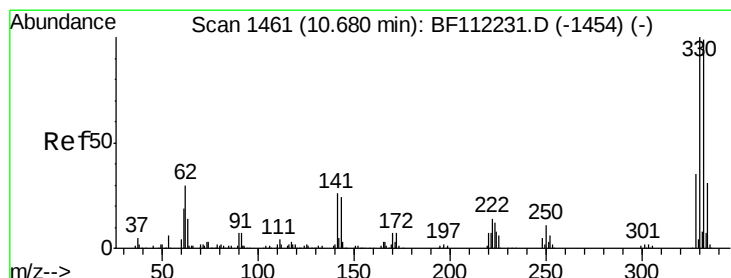
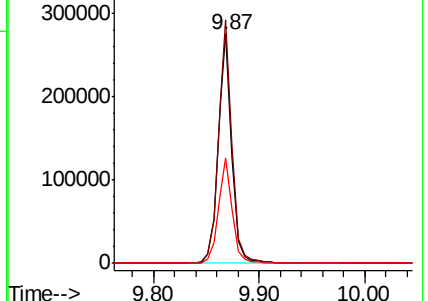
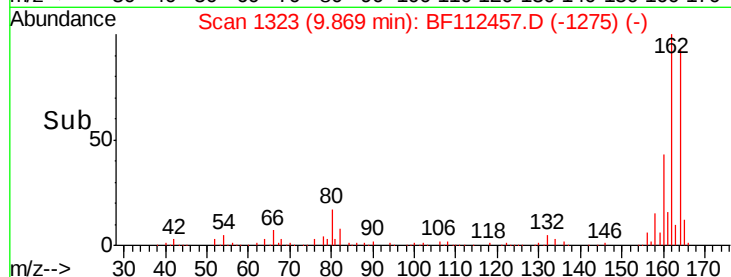
160 45.8 36.2 54.4



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: 114.461 ng

RT: 10.66 min Scan# 1458

Delta R.T. -0.02 min

Lab File: BF112457.D

Acq: 8 Feb 2019 14:10

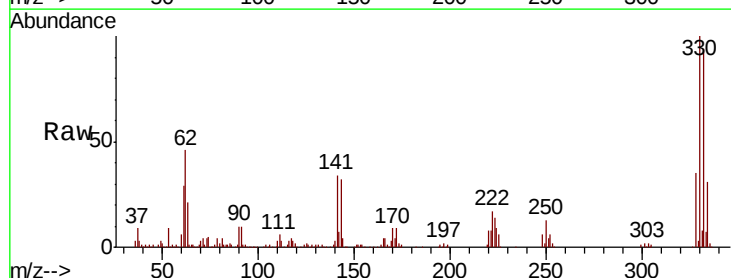
Tgt Ion:330 Resp: 333973

Ion Ratio Lower Upper

330 100

332 95.0 76.6 114.8

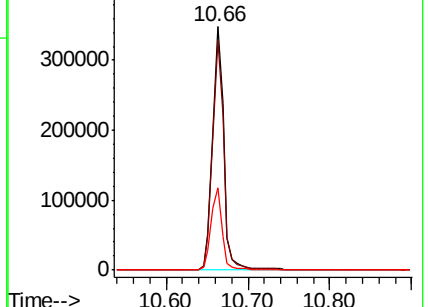
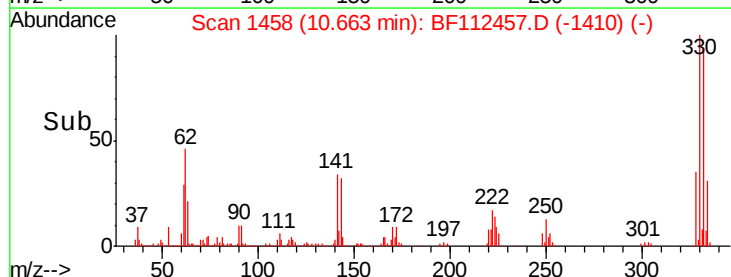
141 32.9 24.3 36.5

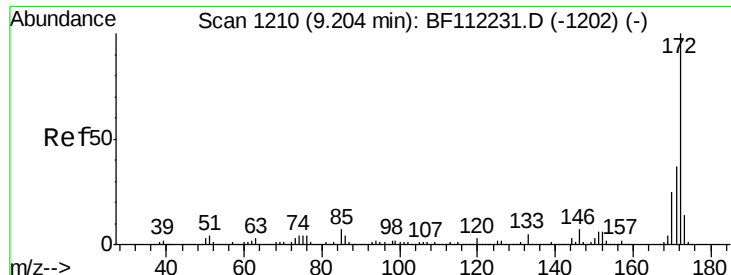


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

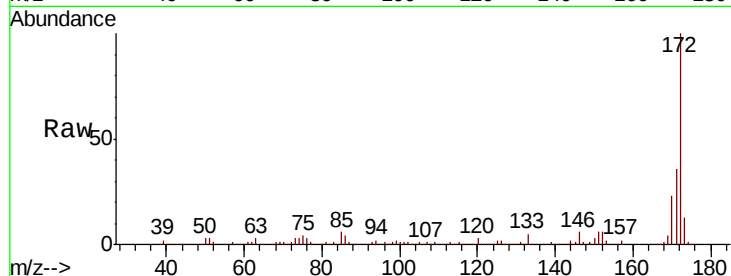




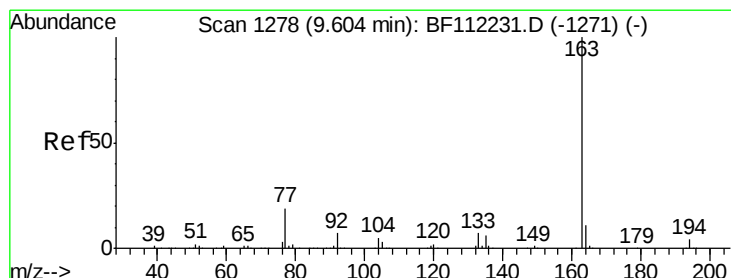
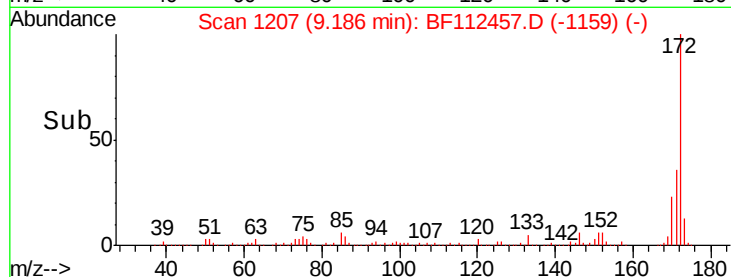
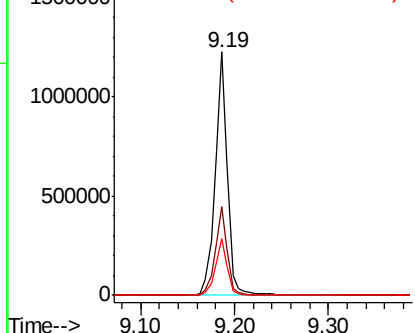
#45
2-Fluorobiphenyl
Concen: 64.067 ng
RT: 9.19 min Scan# 1207
Delta R.T. -0.02 min
Lab File: BF112457.D
Acq: 8 Feb 2019 14:10

Instrument :
BNA_F
ClientSampleId :
TEST-PIT-1

Tot Ion:172 Resp: 1135516
Ion Ratio Lower Upper
172 100
171 36.3 30.5 45.7
170 23.4 20.2 30.4

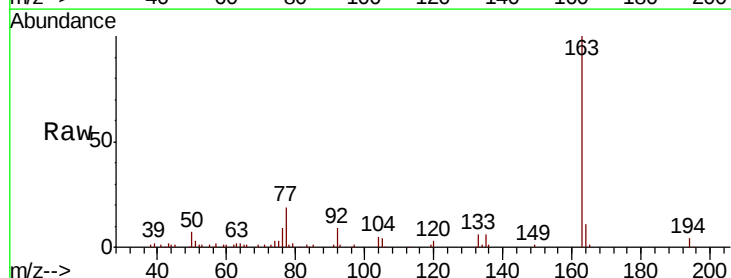


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

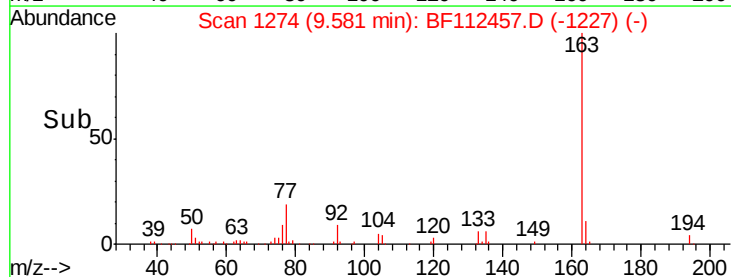
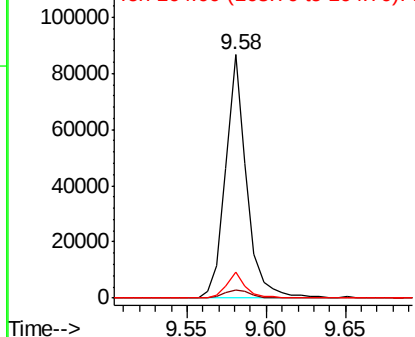


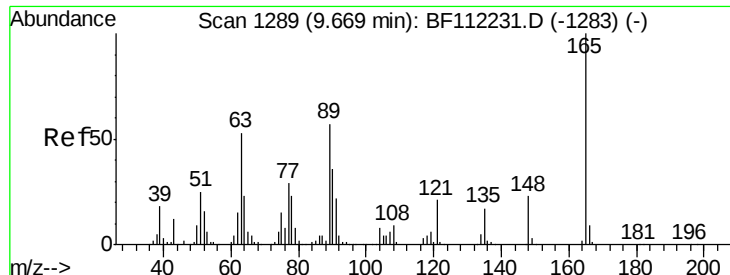
#50
Dimethylphthalate
Concen: 4.080 ng
RT: 9.58 min Scan# 1274
Delta R.T. -0.02 min
Lab File: BF112457.D
Acq: 8 Feb 2019 14:10

Tgt Ion:163 Resp: 79470
Ion Ratio Lower Upper
163 100
194 3.5 3.3 4.9
164 10.6 8.5 12.7



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

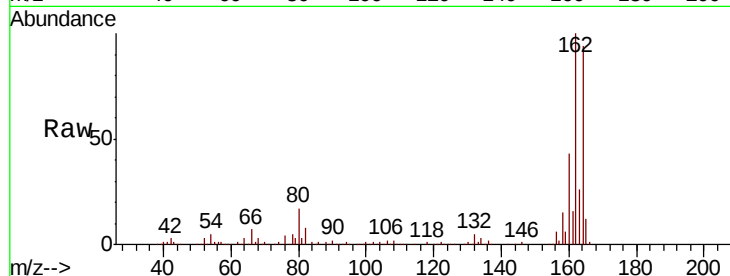




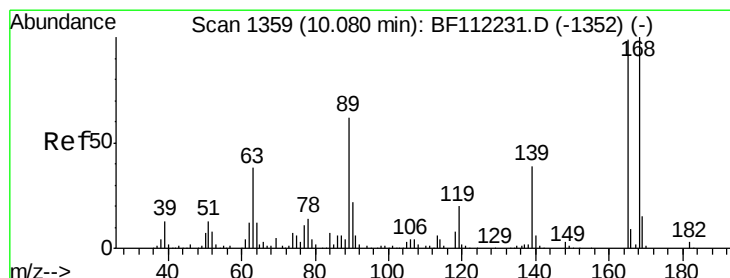
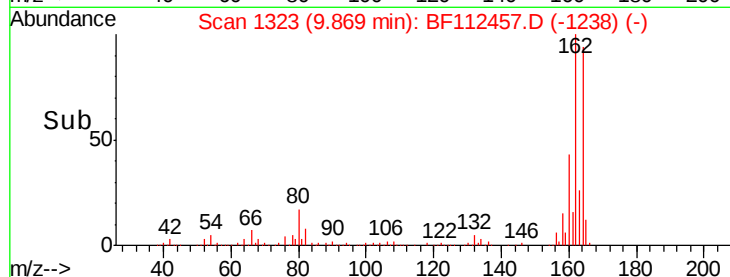
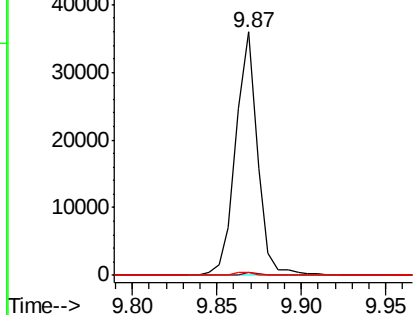
#51
 2,6-Dinitrotoluene
 Concen: 7.396 ng
 RT: 9.87 min Scan# 1323
 Delta R.T. 0.20 min
 Lab File: BF112457.D
 Acq: 8 Feb 2019 14:10

Instrument :
 BNA_F
 ClientSampleId :
 TEST-PIT-1

Tot Ion	Ratio	Lower	Upper
165	100		
63	1.3	33.8	50.8#
89	1.1	36.9	55.3#

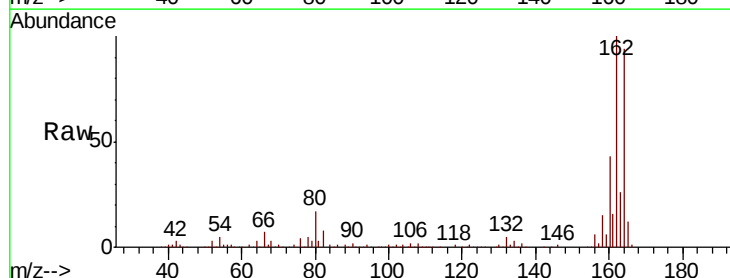


Abundance Ion 165.00 (164.70 to 165.70): E
 Ion 63.00 (62.70 to 63.70): BF1
 Ion 89.00 (88.70 to 89.70): BF1

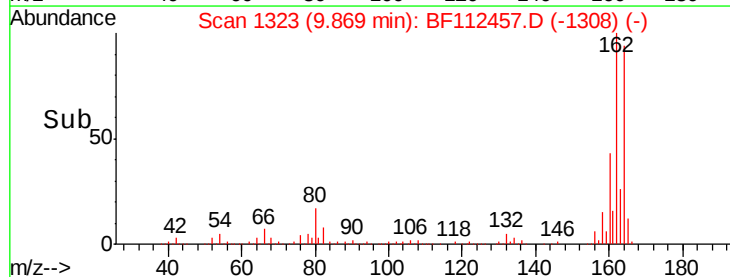
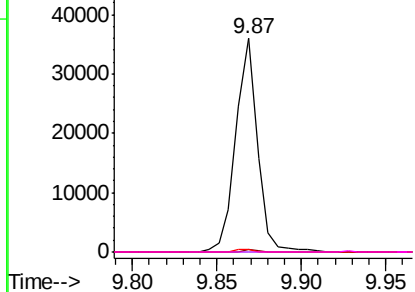


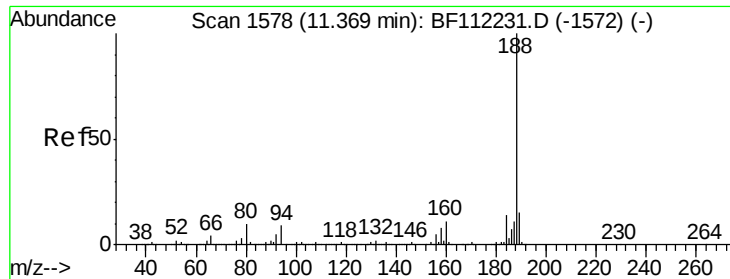
#57
 2,4-Dinitrotoluene
 Concen: 5.809 ng
 RT: 9.87 min Scan# 1323
 Delta R.T. -0.21 min
 Lab File: BF112457.D
 Acq: 8 Feb 2019 14:10

Tgt Ion	Ratio	Lower	Upper
165	100		
63	1.3	27.9	41.9#
89	1.1	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: BF112457.D

Acq: 8 Feb 2019 14:10

Instrument :

BNA_F

ClientSampleId :

TEST-PIT-1

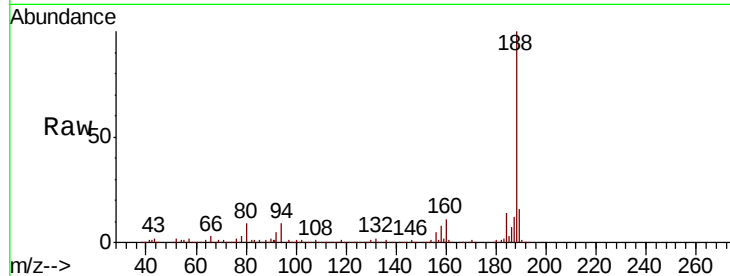
Tot Ion:188 Resp: 493712

Ion Ratio Lower Upper

188 100

94 8.7 8.2 12.2

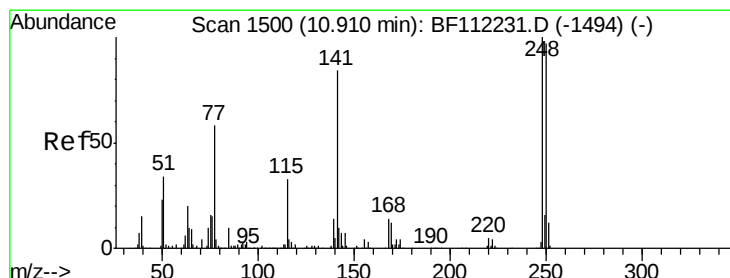
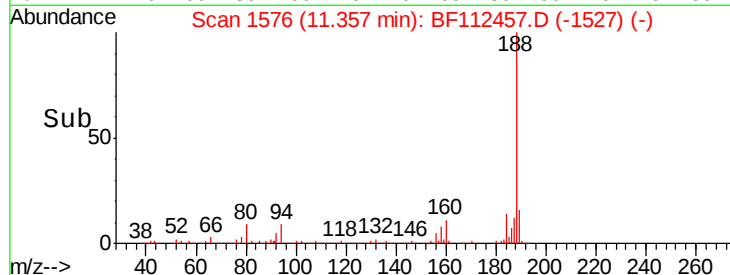
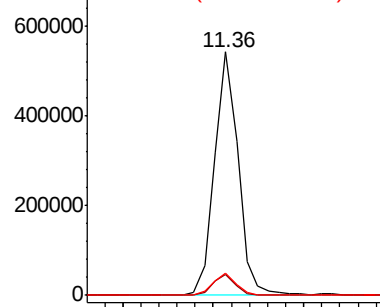
80 9.2 8.9 13.3



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: 3.289 ng

RT: 10.66 min Scan# 1458

Delta R.T. -0.25 min

Lab File: BF112457.D

Acq: 8 Feb 2019 14:10

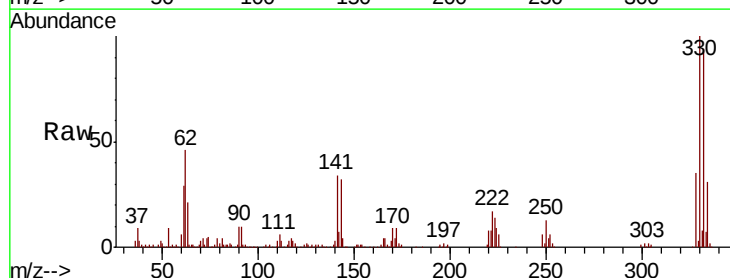
Tgt Ion:248 Resp: 19096

Ion Ratio Lower Upper

248 100

250 214.1 79.7 119.5#

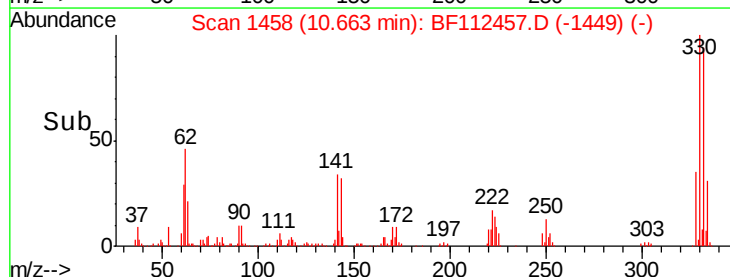
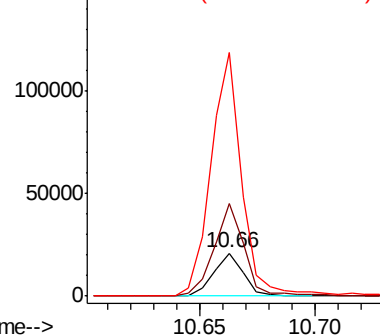
141 565.3 60.3 90.5#

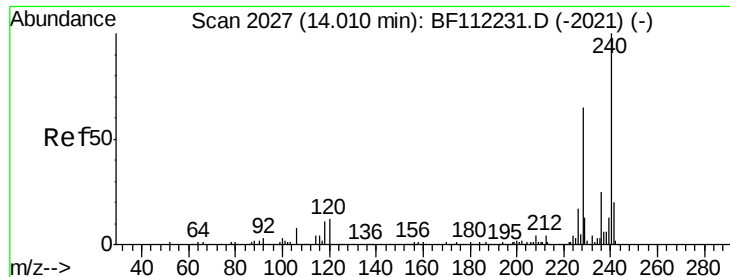


Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E

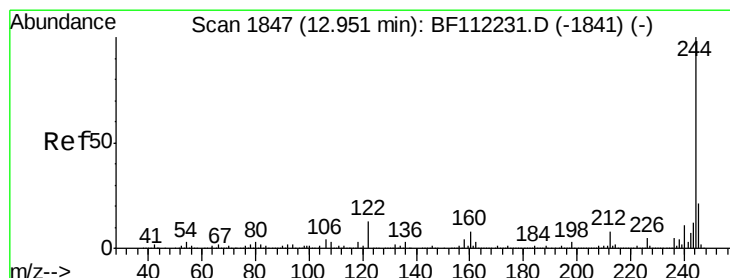
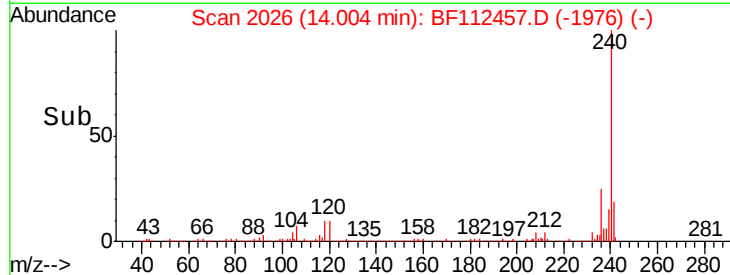
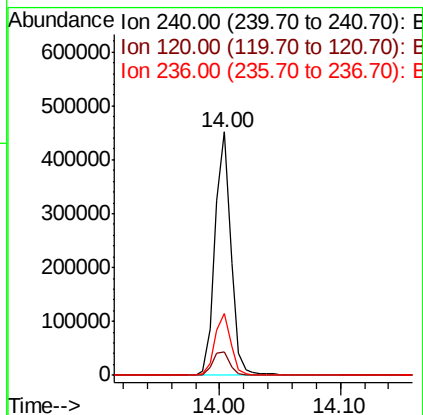
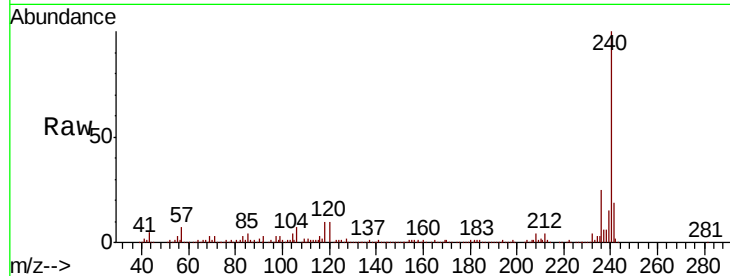




#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.00 min Scan# 2026
Delta R.T. -0.01 min
Lab File: BF112457.D
Acq: 8 Feb 2019 14:10

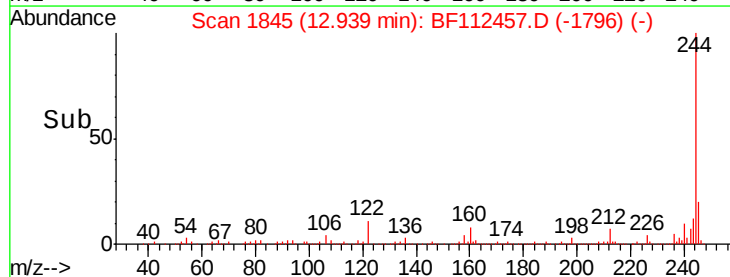
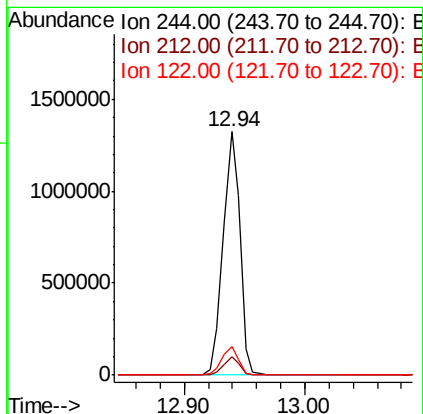
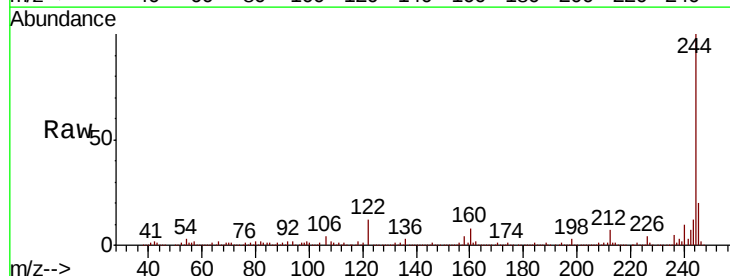
Instrument :
BNA_F
ClientSampleId :
TEST-PIT-1

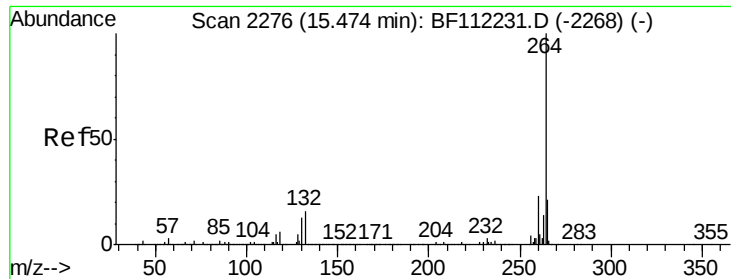
Tot Ion:240 Resp: 405680
Ion Ratio Lower Upper
240 100
120 9.8 9.0 13.6
236 25.3 20.7 31.1



#79
Terphenyl-d14
Concen: 59.063 ng
RT: 12.94 min Scan# 1845
Delta R.T. -0.01 min
Lab File: BF112457.D
Acq: 8 Feb 2019 14:10

Tgt Ion:244 Resp: 1272175
Ion Ratio Lower Upper
244 100
212 7.3 5.9 8.9
122 11.5 9.8 14.6





#87
Pervlene-d12
Concen: 20.000 ng
RT: 15.47 min Scan# 2276
Delta R.T. 0.00 min
Lab File: BF112457.D
Acq: 8 Feb 2019 14:10

Instrument :
BNA_F
ClientSampleId :
TEST-PIT-1

Tot Ion	Ratio	Lower	Upper
264	100		
260	22.7	18.2	27.2
265	21.6	17.0	25.4

