

Data File : BF111491.D
Acq On : 16 Dec 2018 3:09
Operator : JU/SJ
Sample : J6376-03
Misc :
ALS Vial : 33 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
TEST-PIT-1

Quant Time: Dec 17 00:57:07 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

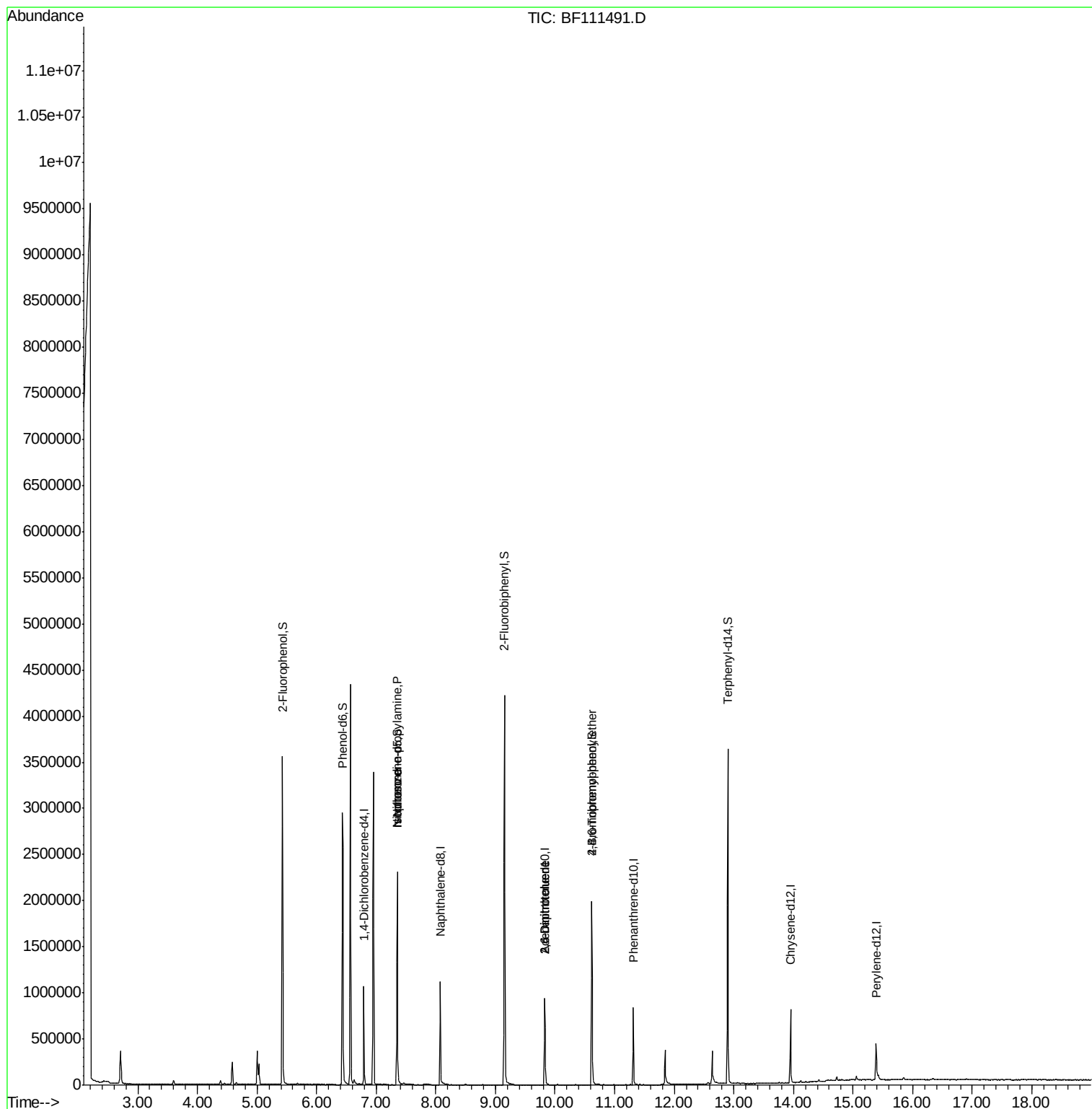
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.79	152	139354	20.00	ng	0.00
21) Naphthalene-d8	8.07	136	503002	20.00	ng	0.00
39) Acenaphthene-d10	9.83	164	192435	20.00	ng	0.00
64) Phenanthrene-d10	11.31	188	313649	20.00	ng	0.00
76) Chrysene-d12	13.95	240	296905	20.00	ng	0.00
87) Perylene-d12	15.39	264	207384	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.43	112	954297	113.95	ng	0.01
7) Phenol-d6	6.43	99	1032346	92.68	ng	0.00
23) Nitrobenzene-d5	7.35	82	771466	91.33	ng	0.00
42) 2,4,6-Tribromophenol	10.62	330	212492	123.27	ng	0.00
45) 2-Fluorobiphenyl	9.15	172	1273384	102.21	ng	0.00
79) Terphenyl-d14	12.90	244	1234008	97.60	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propylamine	7.35	70	100442	13.667	ng	# 80
25) Isophorone	7.35	82	771455	53.977	ng	# 64
51) 2,6-Dinitrotoluene	9.83	165	23914	7.666	ng	# 28
57) 2,4-Dinitrotoluene	9.83	165	23914	5.841	ng	# 24
67) 4-Bromophenyl-phenylether	10.62	248	14296	4.229	ng	# 1

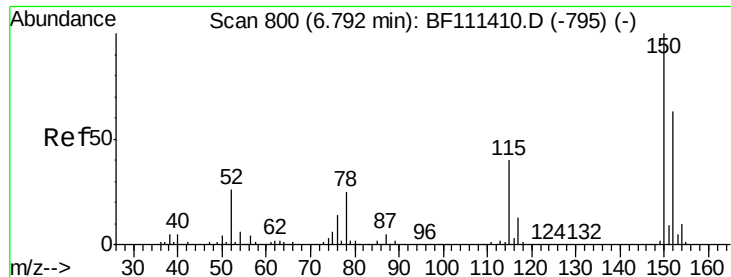
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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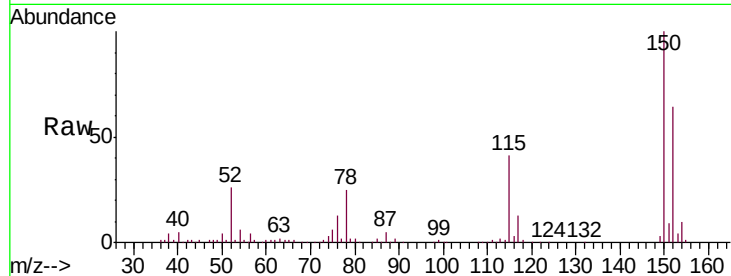


#1

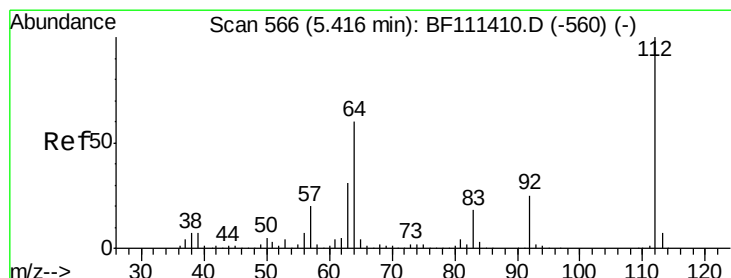
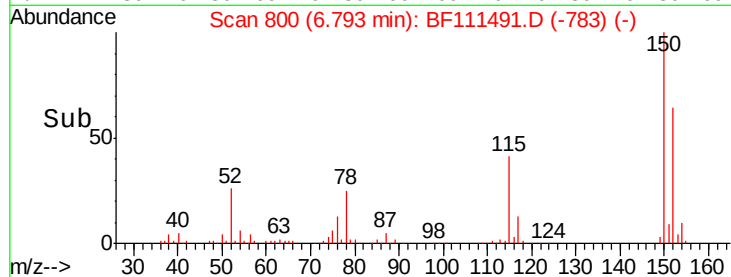
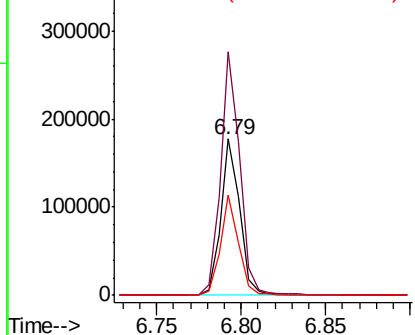
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.79 min Scan# 800
Delta R.T. 0.00 min
Lab File: BF111491.D
Acq: 16 Dec 2018 3:09

Instrument :
BNA_F
ClientSampleId :
TEST-PIT-1

Tgt Ion	Ratio	Lower	Upper
152	100		
150	155.7	126.6	189.8
115	64.2	50.7	76.1



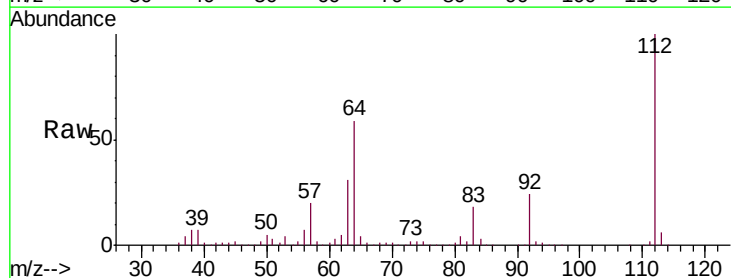
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



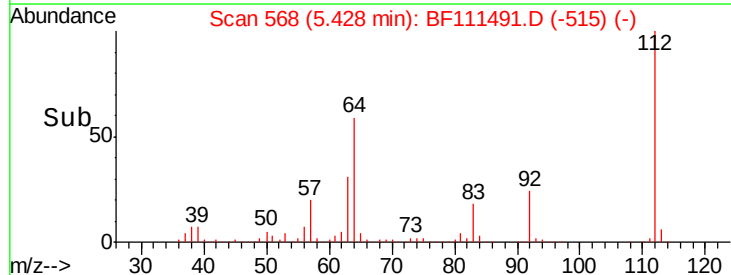
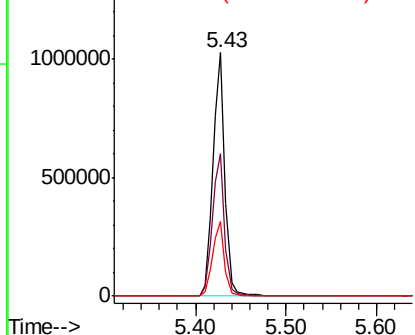
#5

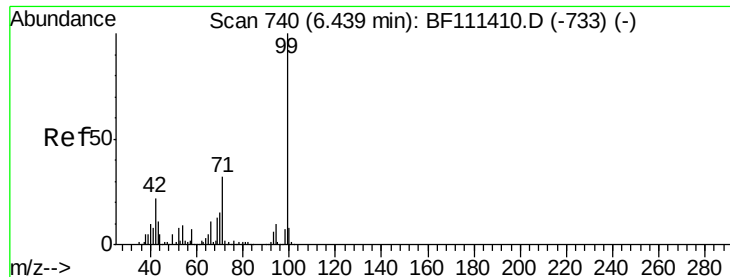
2-Fluorophenol
Concen: 113.955 ng
RT: 5.43 min Scan# 568
Delta R.T. 0.01 min
Lab File: BF111491.D
Acq: 16 Dec 2018 3:09

Tgt Ion	Ratio	Lower	Upper
112	100		
64	58.7	51.8	77.6
63	30.6	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: 92.676 ng

RT: 6.43 min Scan# 739

Delta R.T. -0.01 min

Lab File: BF111491.D

Acq: 16 Dec 2018 3:09

Instrument :

BNA_F

ClientSampleId :

TEST-PIT-1

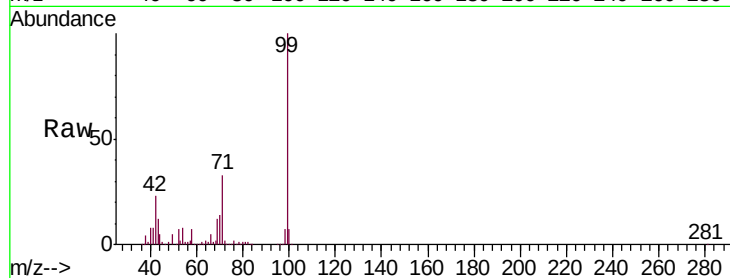
Tgt Ion: 99 Resp: 1032346

Ion Ratio Lower Upper

99 100

42 22.9 17.4 26.0

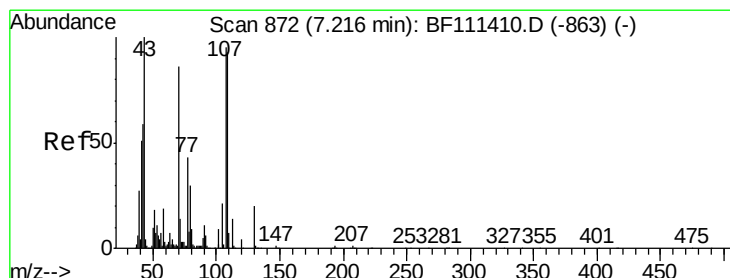
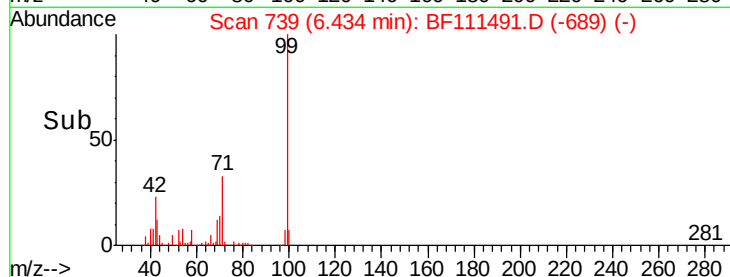
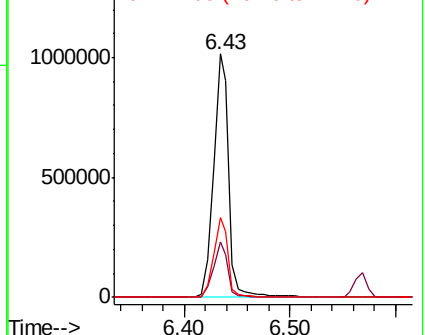
71 32.7 26.1 39.1



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



#19

n-Nitroso-di-n-propylamine

Concen: 13.667 ng

RT: 7.35 min Scan# 895

Delta R.T. 0.14 min

Lab File: BF111491.D

Acq: 16 Dec 2018 3:09

Tgt Ion: 70 Resp: 100442

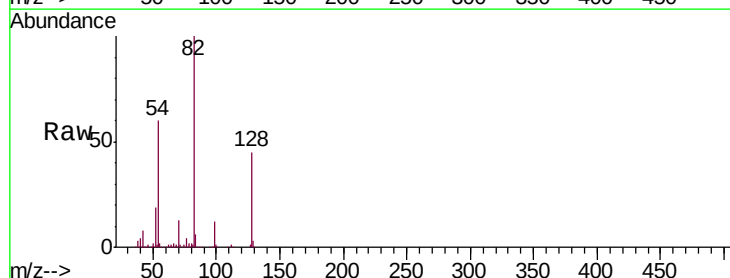
Ion Ratio Lower Upper

70 100

42 57.8 53.2 79.8

101 0.0 8.2 12.4#

130 2.1 18.1 27.1#

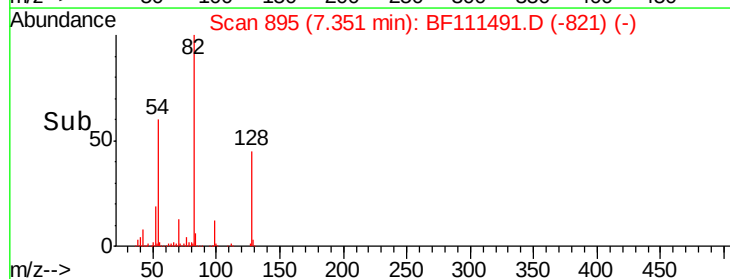
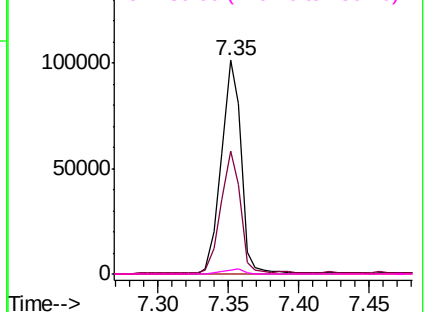


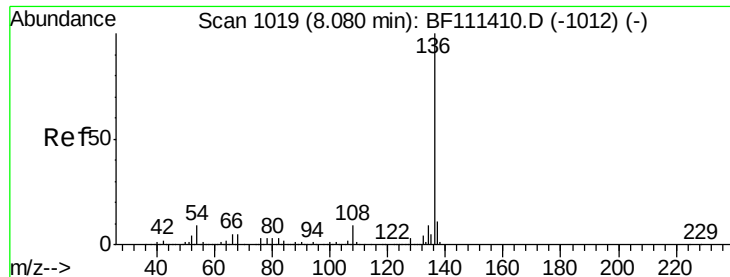
Abundance Ion 70.00 (69.70 to 70.70): BF1

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

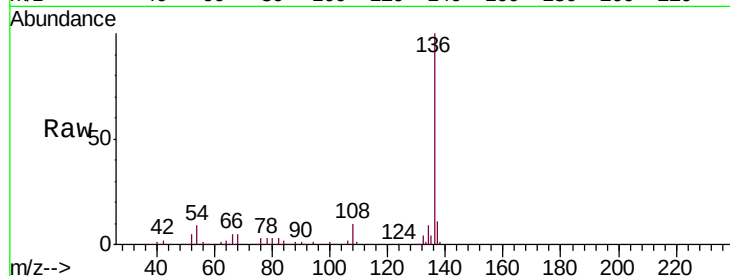




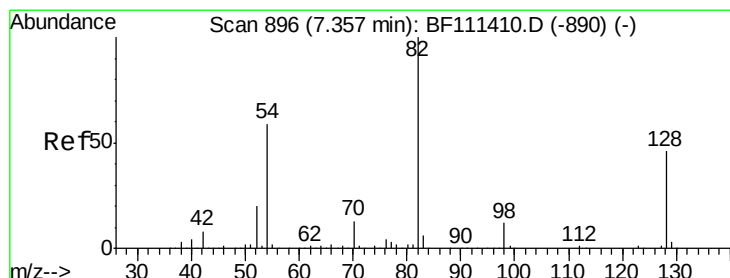
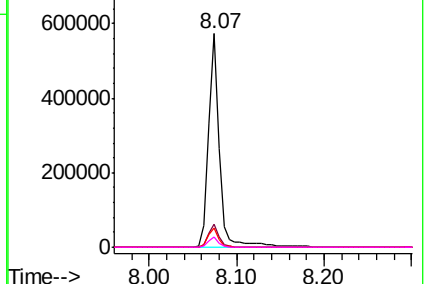
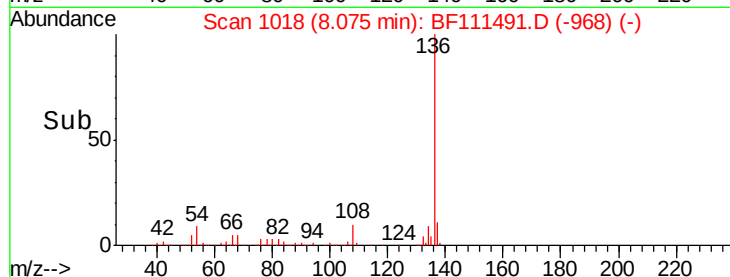
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.07 min Scan# 1018
Delta R.T. -0.01 min
Lab File: BF111491.D
Acq: 16 Dec 2018 3:09

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TEST-PIT-1

Tgt Ion:	136	Resp:	503002
Ion	Ratio	Lower	Upper
136	100		
137	10.9	9.1	13.7
54	8.9	7.7	11.5
68	4.6	4.9	7.3#

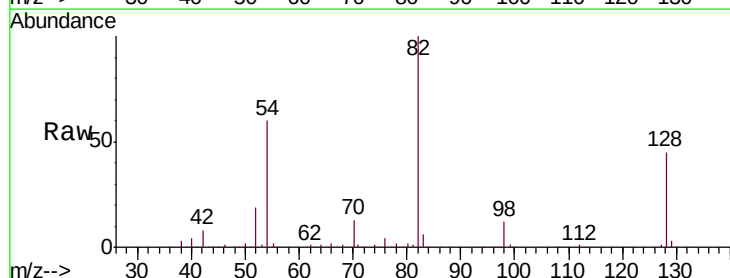


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF1
Ion 68.00 (67.70 to 68.70): BF1

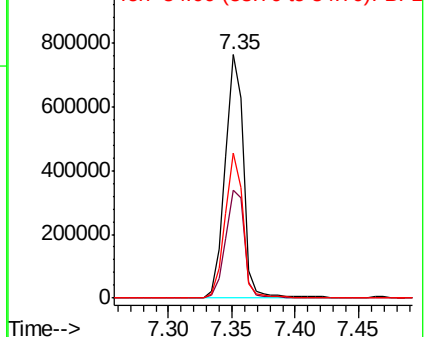
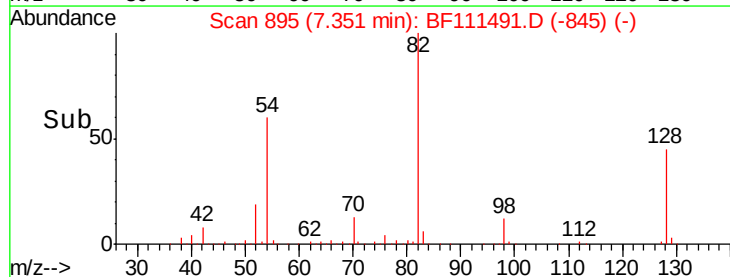


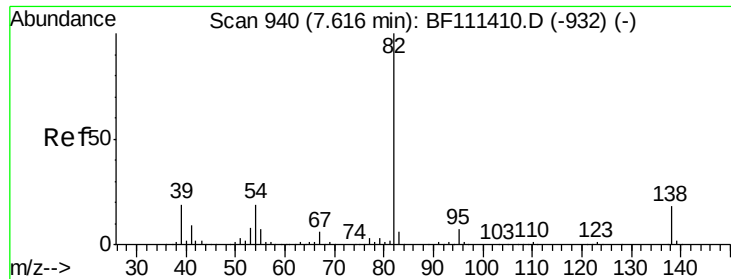
#23
Nitrobenzene-d5
Concen: 91.331 ng
RT: 7.35 min Scan# 895
Delta R.T. -0.01 min
Lab File: BF111491.D
Acq: 16 Dec 2018 3:09

Tgt Ion:	82	Resp:	771466
Ion	Ratio	Lower	Upper
82	100		
128	44.5	37.4	56.2
54	59.6	47.6	71.4



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





#25

Isophorone

Concen: 53.977 ng

RT: 7.35 min Scan# 895

Delta R.T. -0.26 min

Lab File: BF111491.D

Acq: 16 Dec 2018 3:09

Instrument :

BNA_F

ClientSampleId :

TEST-PIT-1

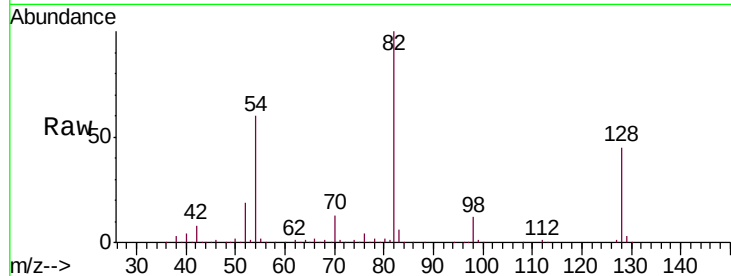
Tgt Ion: 82 Resp: 771455

Ion Ratio Lower Upper

82 100

95 0.0 5.4 8.2#

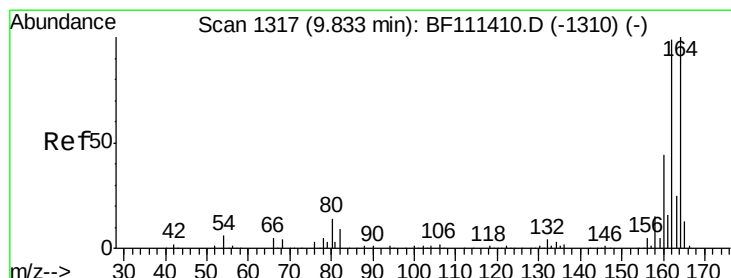
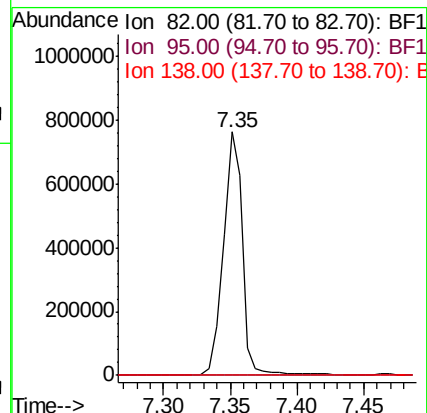
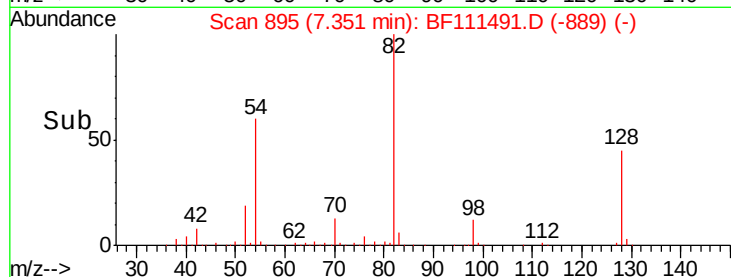
138 0.0 15.1 22.7#



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: 9.83 min Scan# 1316

Delta R.T. -0.01 min

Lab File: BF111491.D

Acq: 16 Dec 2018 3:09

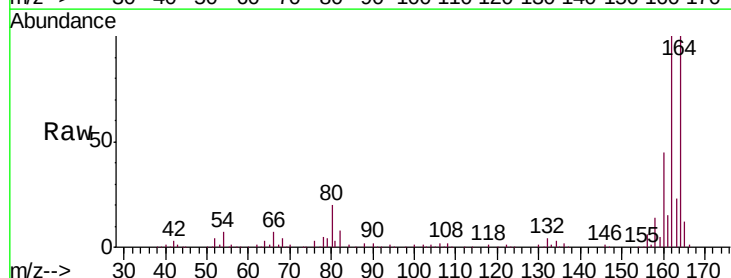
Tgt Ion: 164 Resp: 192435

Ion Ratio Lower Upper

164 100

162 100.1 81.4 122.0

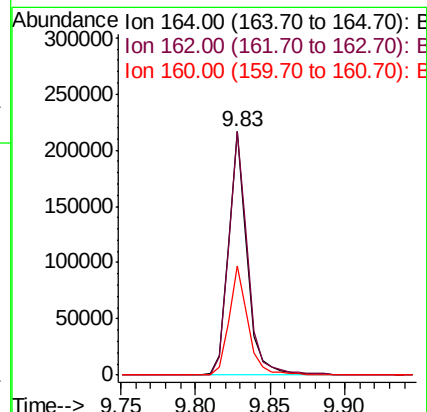
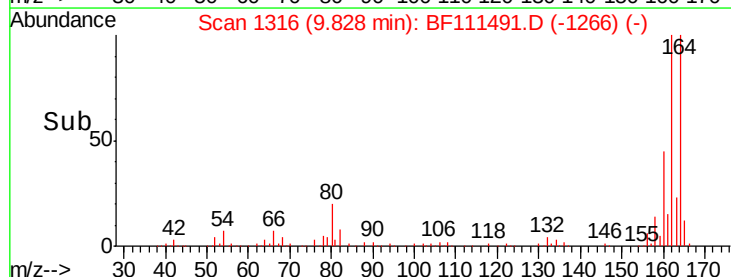
160 44.8 35.7 53.5

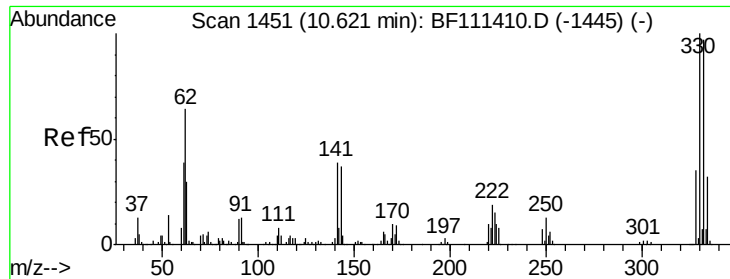


Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E





#42

2,4,6-Tribromophenol

Concen: 123.269 ng

RT: 10.62 min Scan# 1450

Delta R.T. -0.01 min

Lab File: BF111491.D

Acq: 16 Dec 2018 3:09

Instrument :

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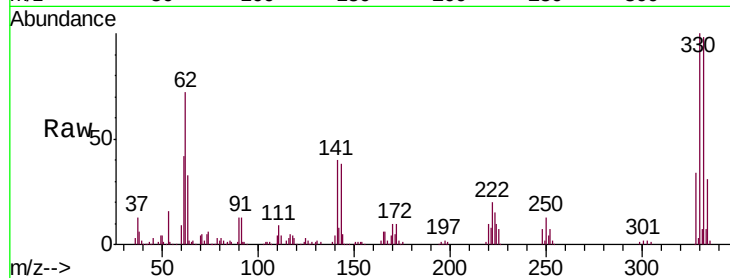
Tgt Ion:330 Resp: 212492

Ion Ratio Lower Upper

330 100

332 96.9 76.0 114.0

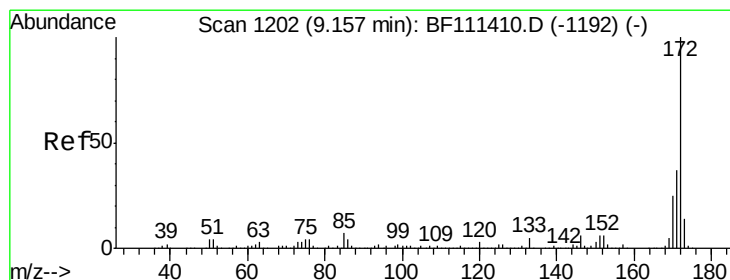
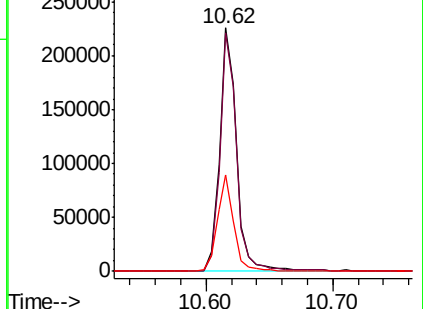
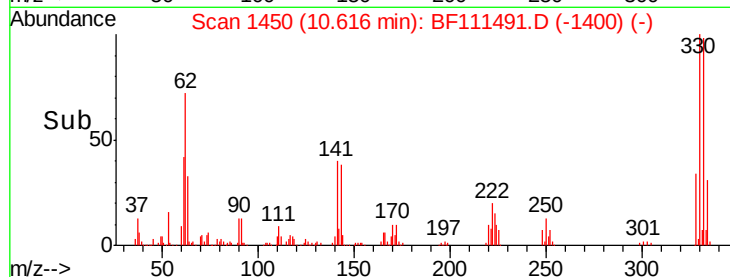
141 38.6 31.0 46.6



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: 102.212 ng

RT: 9.15 min Scan# 1201

Delta R.T. -0.01 min

Lab File: BF111491.D

Acq: 16 Dec 2018 3:09

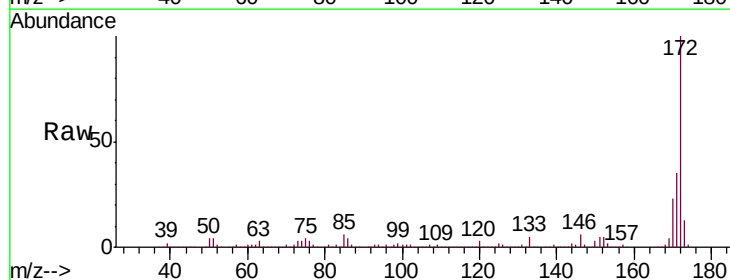
Tgt Ion:172 Resp: 1273384

Ion Ratio Lower Upper

172 100

171 35.2 33.0 49.4

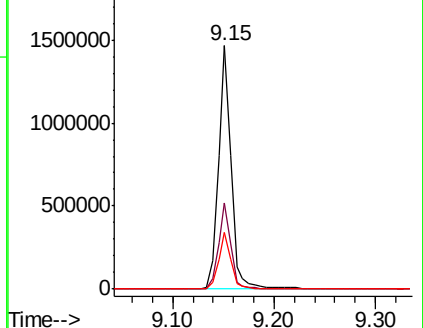
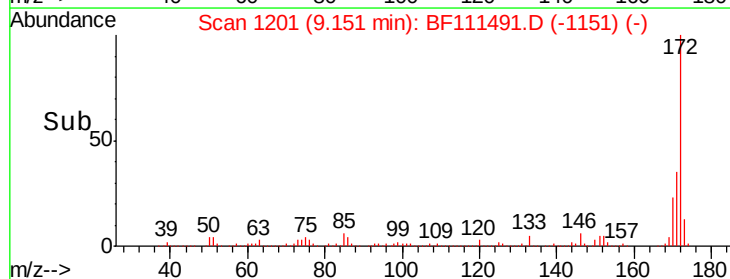
170 23.4 22.3 33.5

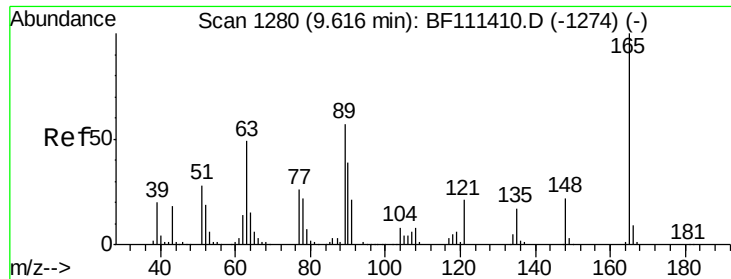


Abundance Ion 172.00 (171.70 to 172.70): E

Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E

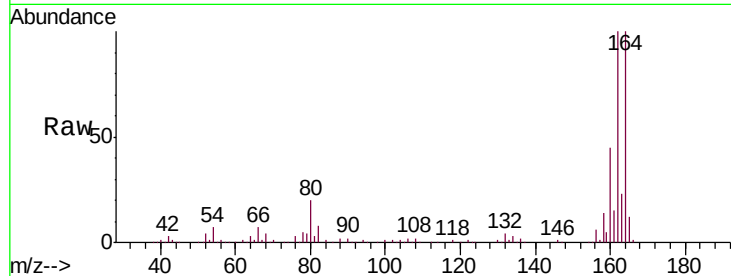




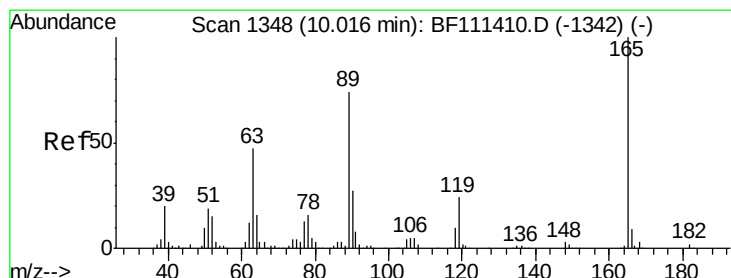
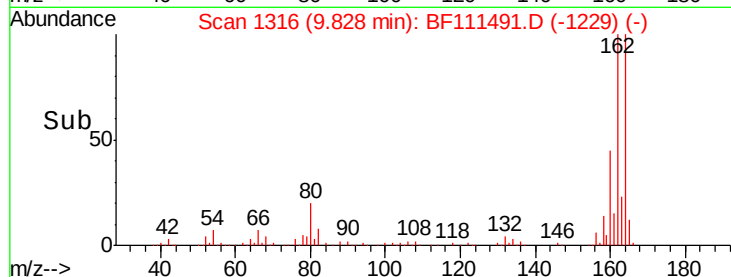
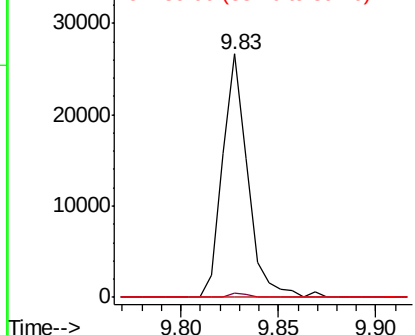
#51
 2,6-Dinitrotoluene
 Concen: 7.666 ng
 RT: 9.83 min Scan# 1316
 Delta R.T. 0.21 min
 Lab File: BF111491.D
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Tgt Ion	Ratio	Lower	Upper
165	100		
63	1.5	40.5	60.7#
89	0.0	40.0	60.0#

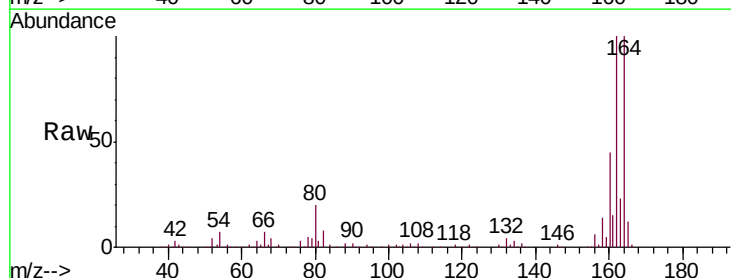


Abundance Ion 165.00 (164.70 to 165.70): E
 Ion 63.00 (62.70 to 63.70): BF1
 Ion 89.00 (88.70 to 89.70): BF1

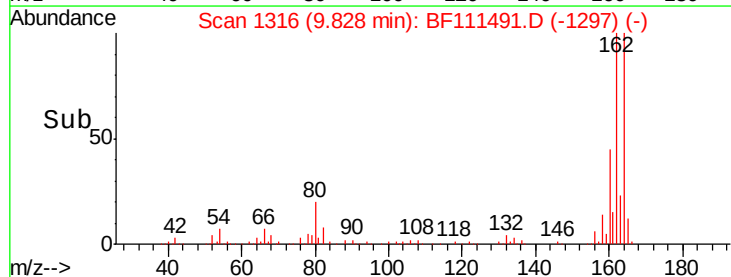
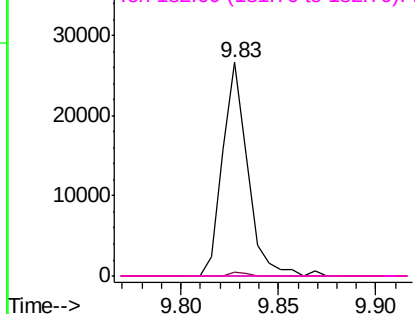


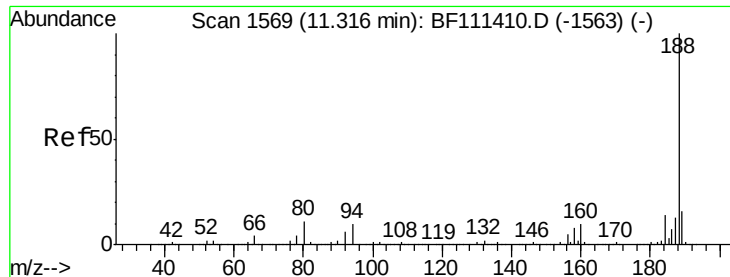
#57
 2,4-Dinitrotoluene
 Concen: 5.841 ng
 RT: 9.83 min Scan# 1316
 Delta R.T. -0.19 min
 Lab File: BF111491.D
 Acq: 16 Dec 2018 3:09

Tgt Ion	Ratio	Lower	Upper
165	100		
63	1.5	34.6	52.0#
89	0.0	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

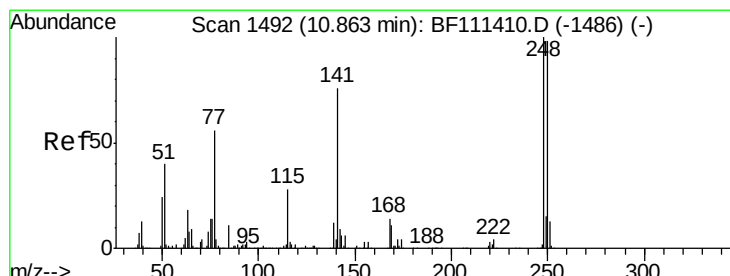
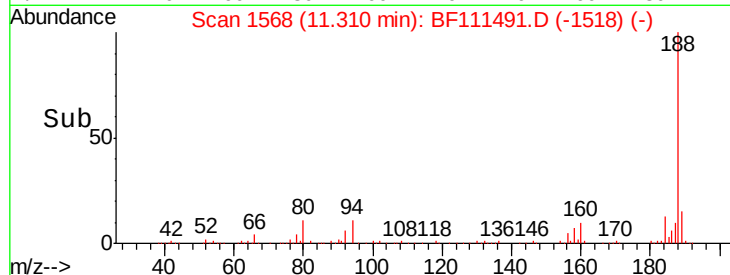
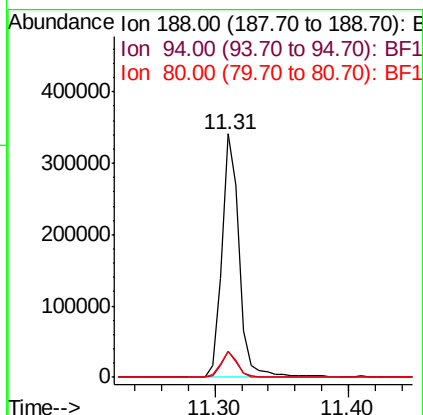
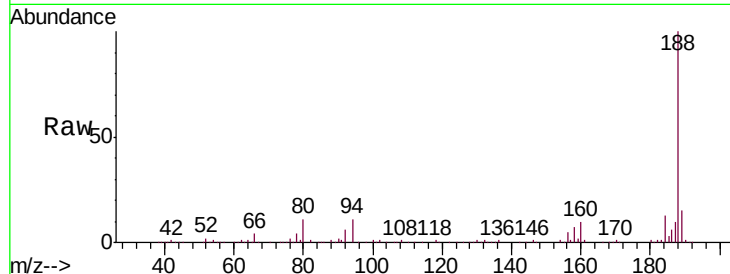




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.31 min Scan# 1568
Delta R.T. -0.01 min
Lab File: BF111491.D
Acq: 16 Dec 2018 3:09

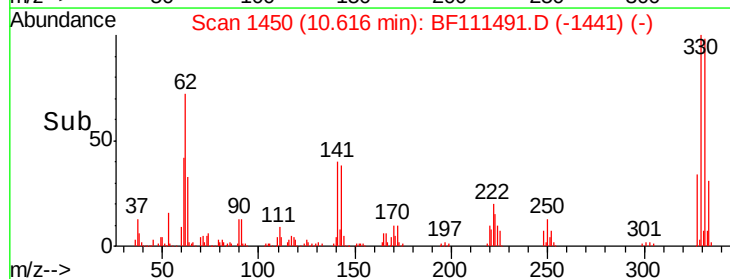
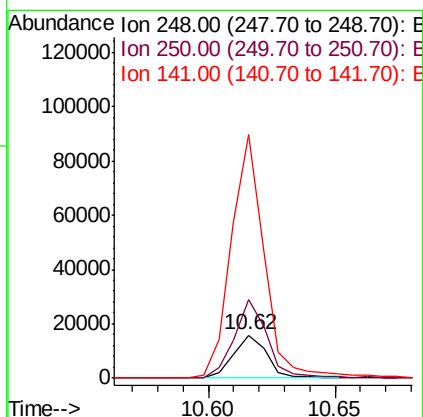
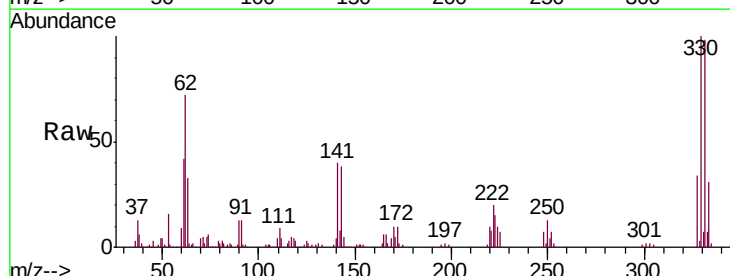
Instrument :
BNA_F
ClientSampleId :
TEST-PIT-1

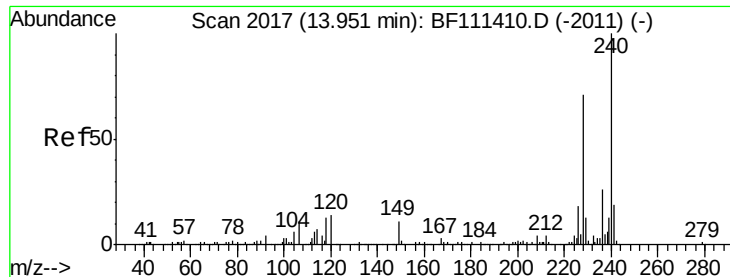
Tgt Ion:188 Resp: 313649
Ion Ratio Lower Upper
188 100
94 10.9 9.6 14.4
80 10.6 9.8 14.6



#67
4-Bromophenyl-phenylether
Concen: 4.229 ng
RT: 10.62 min Scan# 1450
Delta R.T. -0.25 min
Lab File: BF111491.D
Acq: 16 Dec 2018 3:09

Tgt Ion:248 Resp: 14296
Ion Ratio Lower Upper
248 100
250 181.7 77.0 115.4#
141 565.9 63.0 94.6#

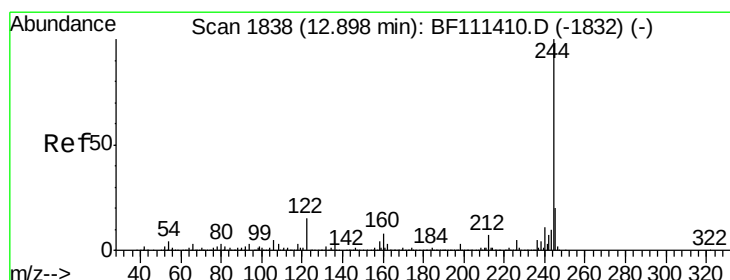
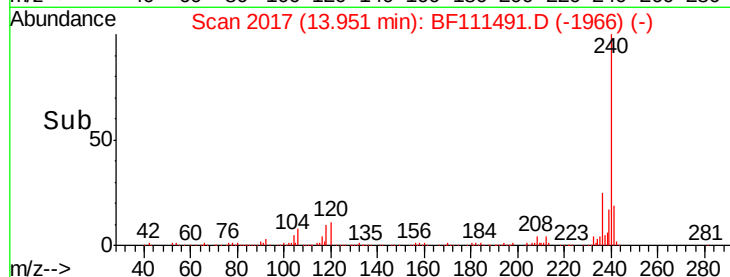
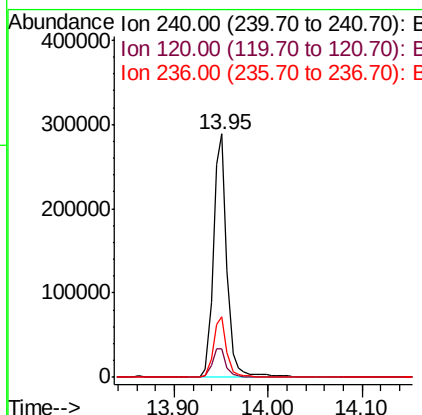
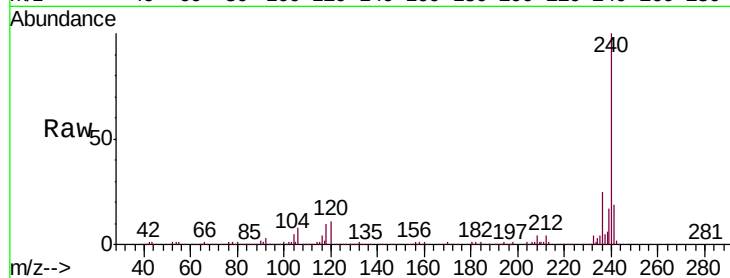




#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.95 min Scan# 2017
Delta R.T. 0.00 min
Lab File: BF111491.D
Acq: 16 Dec 2018 3:09

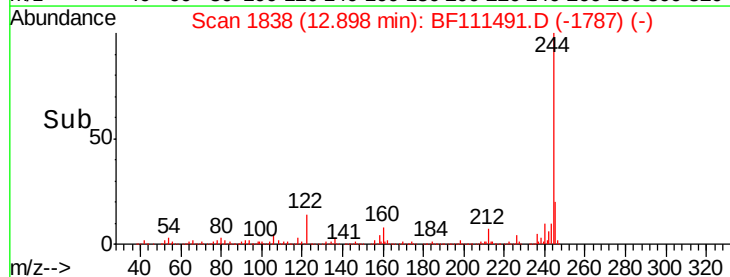
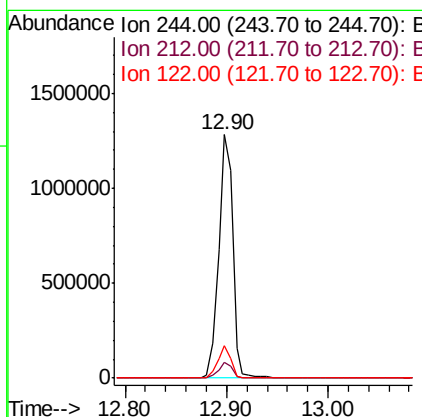
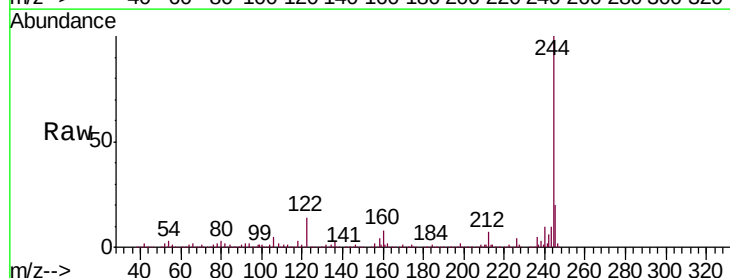
Instrument :
BNA_F
ClientSampleId :
TEST-PIT-1

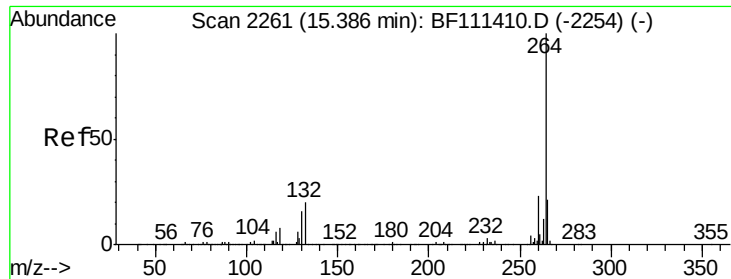
Tgt Ion	Ratio	Lower	Upper
240	100		
120	11.5	12.2	18.2#
236	25.0	20.2	30.2



#79
Terphenyl-d14
Concen: 97.598 ng
RT: 12.90 min Scan# 1838
Delta R.T. 0.00 min
Lab File: BF111491.D
Acq: 16 Dec 2018 3:09

Tgt Ion	Ratio	Lower	Upper
244	100		
212	6.7	5.7	8.5
122	13.5	13.1	19.7





#87
Perylene-d12
Concen: 20.000 ng
RT: 15.39 min Scan# 2261
Delta R.T. 0.00 min
Lab File: BF111491.D
Acq: 16 Dec 2018 3:09

Instrument :
BNA_F
ClientSampleId :
TEST-PIT-1

Tgt Ion	Ratio	Lower	Upper
264	100		
260	22.5	18.3	27.5
265	22.6	17.7	26.5

