

Data File : BF111454.D
Acq On : 15 Dec 2018 8:02
Operator : JU/SJ
Sample : J6363-03
Misc :
ALS Vial : 38 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
121118-JETT-F-U-B

Quant Time: Dec 15 23:34:43 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

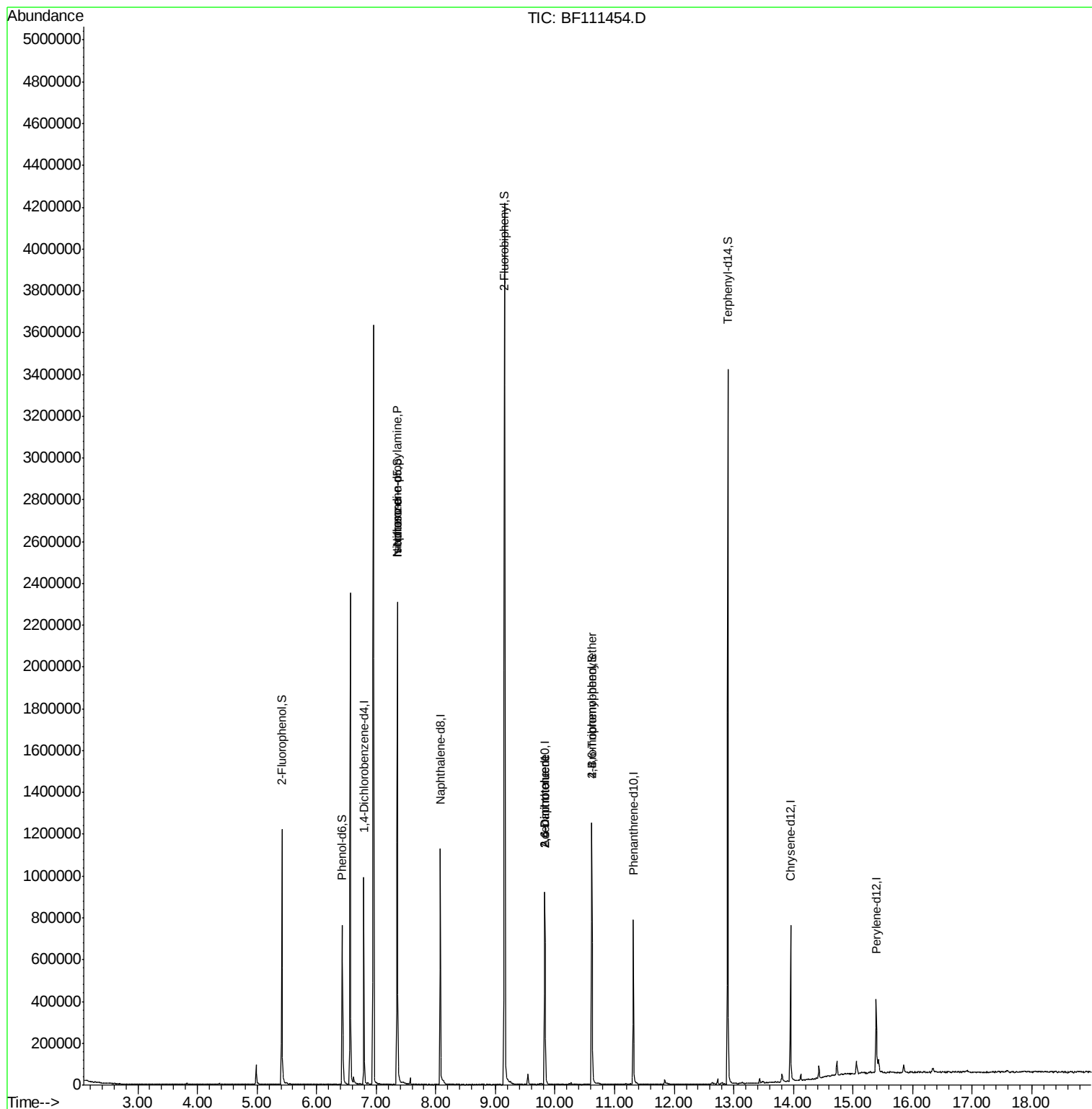
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.79	152	132913	20.00	ng	0.00
21) Naphthalene-d8	8.07	136	500262	20.00	ng	0.00
39) Acenaphthene-d10	9.83	164	187724	20.00	ng	0.00
64) Phenanthrene-d10	11.31	188	306065	20.00	ng	0.00
76) Chrysene-d12	13.95	240	266858	20.00	ng	0.00
87) Perylene-d12	15.39	264	178269	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.42	112	321180	40.21	ng	0.00
7) Phenol-d6	6.43	99	237557	22.36	ng	-0.01
23) Nitrobenzene-d5	7.36	82	789704	94.00	ng	0.00
42) 2,4,6-Tribromophenol	10.62	330	131531	78.22	ng	0.00
45) 2-Fluorobiphenyl	9.15	172	1380254	113.57	ng	0.00
79) Terphenyl-d14	12.90	244	1110281	97.70	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propylamine	7.36	70	104161	14.860	ng	# 78
25) Isophorone	7.36	82	789810	55.564	ng	# 64
51) 2,6-Dinitrotoluene	9.83	165	24197	7.951	ng	# 29
57) 2,4-Dinitrotoluene	9.83	165	24197	6.058	ng	# 24
67) 4-Bromophenyl-phenylether	10.62	248	8562	2.596	ng	# 1

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

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Quant Time: Dec 15 23:28:53 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



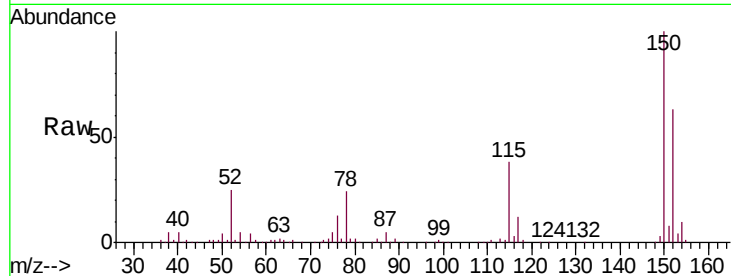


#1

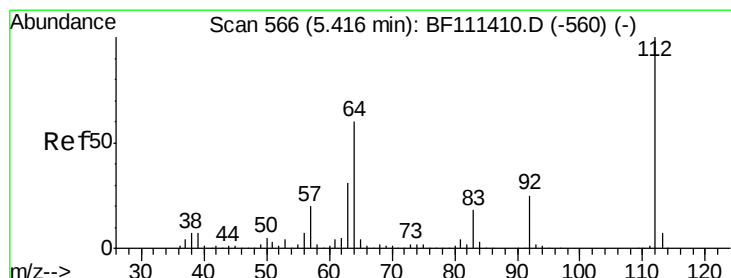
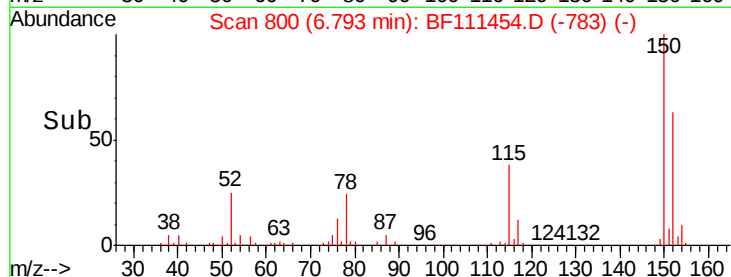
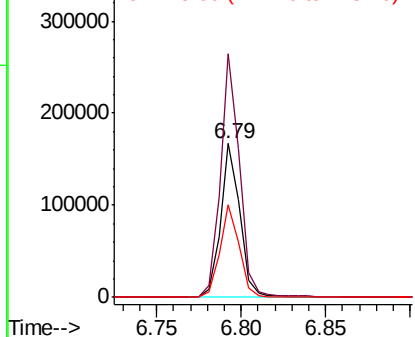
1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.79 min Scan# 800
 Delta R.T. 0.00 min
 Lab File: BF111454.D
 Acq: 15 Dec 2018 8:02

Instrument :
 BNA_F
 ClientSampleId :
 121118-JETT-F-U-B

Tgt Ion	Ratio	Lower	Upper
152	100		
150	158.1	126.6	189.8
115	60.4	50.7	76.1



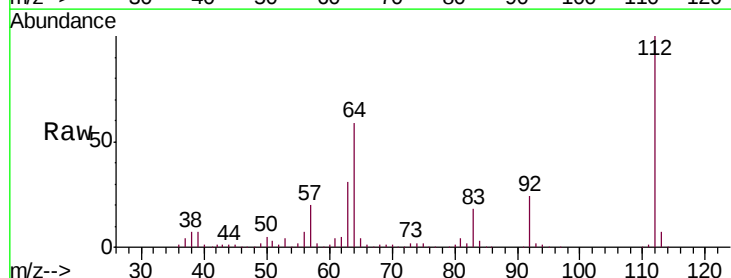
Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E



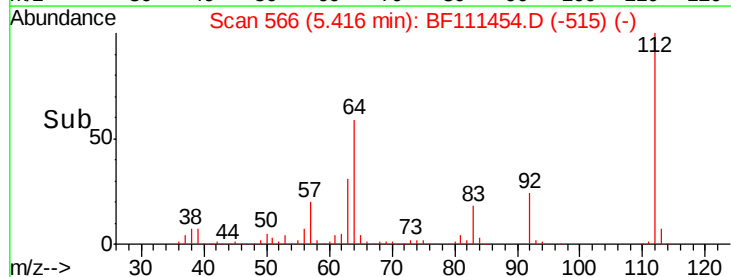
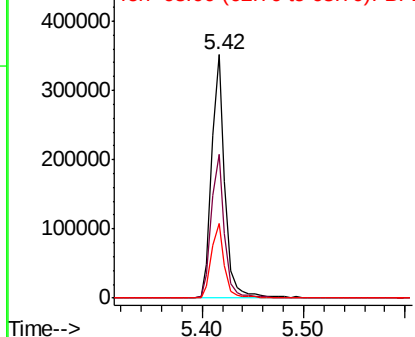
#5

2-Fluorophenol
 Concen: 40.211 ng
 RT: 5.42 min Scan# 566
 Delta R.T. 0.00 min
 Lab File: BF111454.D
 Acq: 15 Dec 2018 8:02

Tgt Ion	Ratio	Lower	Upper
112	100		
64	59.2	51.8	77.6
63	30.7	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: 22.359 ng

RT: 6.43 min Scan# 738

Delta R.T. -0.01 min

Lab File: BF111454.D

Acq: 15 Dec 2018 8:02

Instrument :

BNA_F

ClientSampleId :

121118-JETT-F-U-B

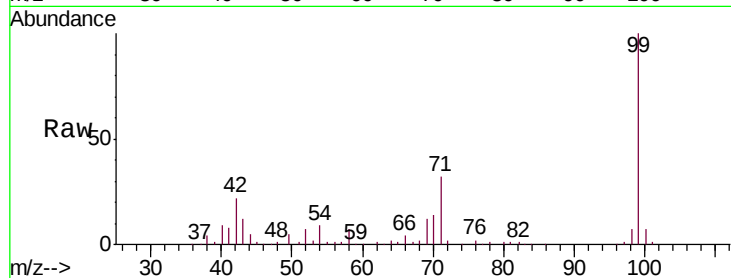
Tgt Ion: 99 Resp: 237557

Ion Ratio Lower Upper

99 100

42 22.2 17.4 26.0

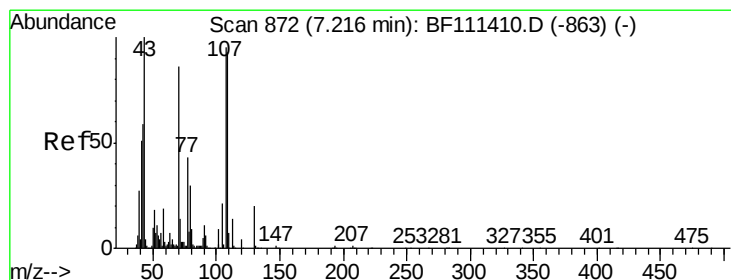
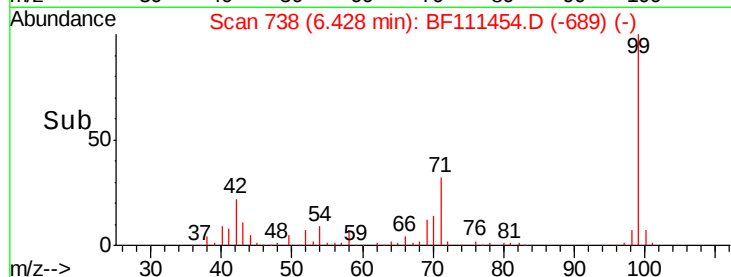
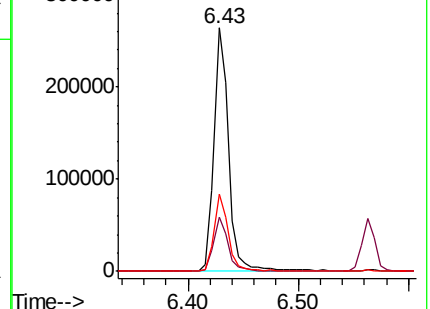
71 31.7 26.1 39.1



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: 14.860 ng

RT: 7.36 min Scan# 896

Delta R.T. 0.14 min

Lab File: BF111454.D

Acq: 15 Dec 2018 8:02

Tgt Ion: 70 Resp: 104161

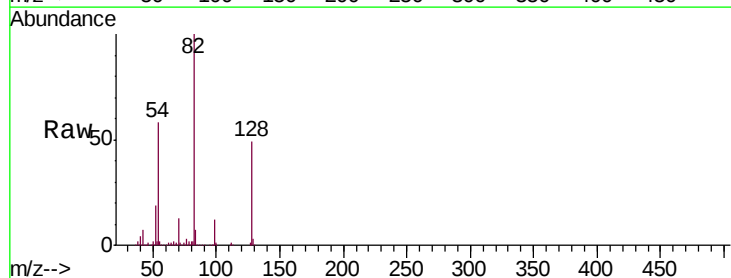
Ion Ratio Lower Upper

70 100

42 55.2 53.2 79.8

101 0.0 8.2 12.4#

130 2.5 18.1 27.1#

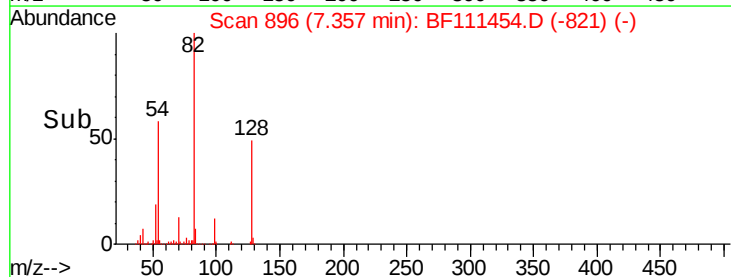
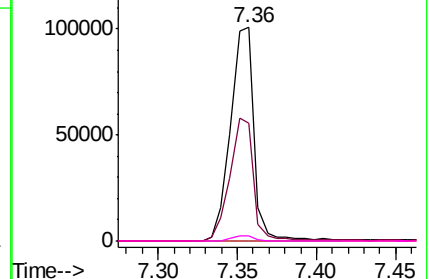


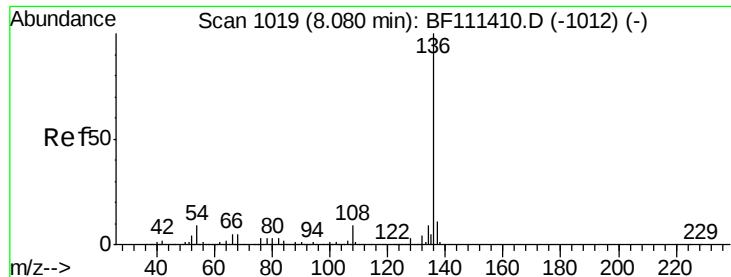
Abundance Ion 70.00 (69.70 to 70.70): BF1

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

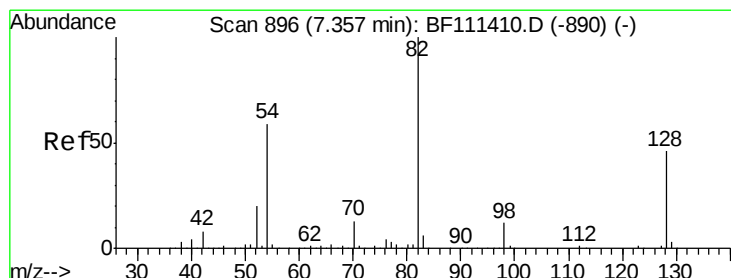
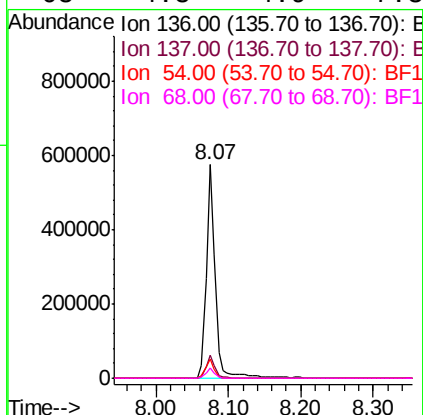
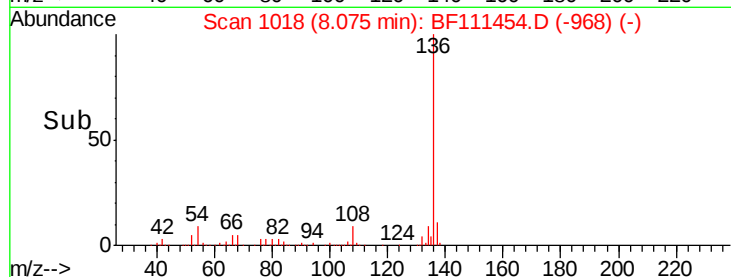
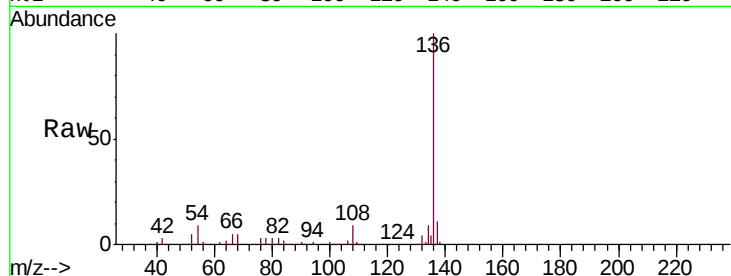




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.07 min Scan# 1018
Delta R.T. -0.01 min
Lab File: BF111454.D
Acq: 15 Dec 2018 8:02

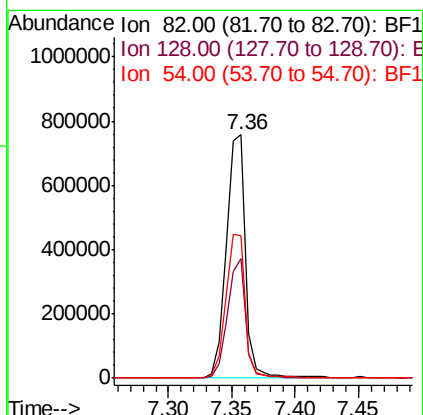
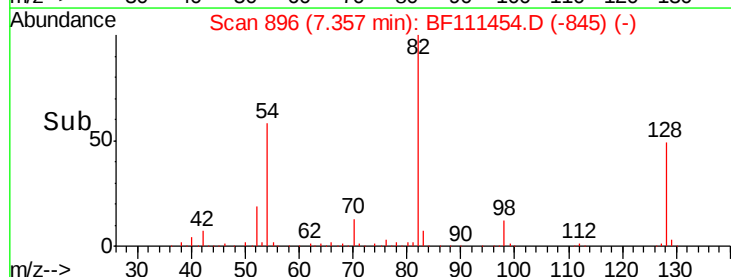
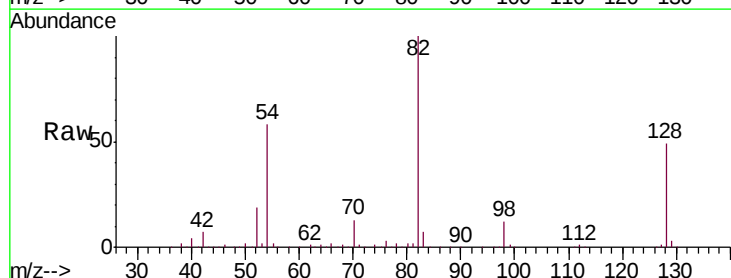
Instrument :
BNA_F
ClientSampleId :
121118-JETT-F-U-B

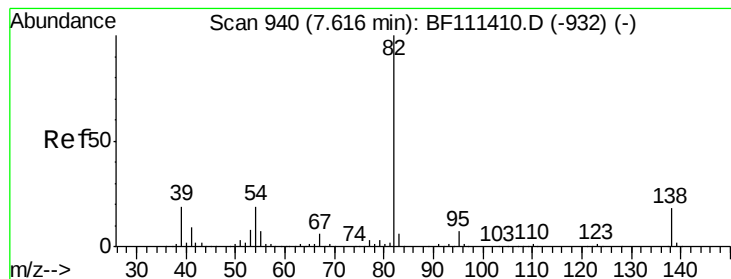
Tgt Ion:	136	Resp:	500262
Ion Ratio	Lower	Upper	
136	100		
137	10.9	9.1	13.7
54	8.8	7.7	11.5
68	4.8	4.9	7.3#



#23
Nitrobenzene-d5
Concen: 94.002 ng
RT: 7.36 min Scan# 896
Delta R.T. 0.00 min
Lab File: BF111454.D
Acq: 15 Dec 2018 8:02

Tgt Ion:	82	Resp:	789704
Ion Ratio	Lower	Upper	
82	100		
128	48.9	37.4	56.2
54	58.3	47.6	71.4





#25

Isophorone

Concen: 55.564 ng

RT: 7.36 min Scan# 896

Delta R.T. -0.26 min

Lab File: BF111454.D

Acq: 15 Dec 2018 8:02

Instrument :

BNA_F

ClientSampleId :

121118-JETT-F-U-B

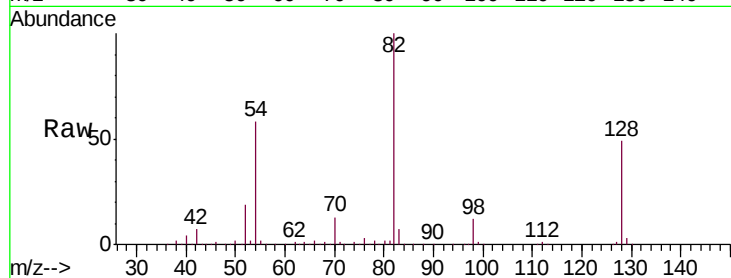
Tgt Ion: 82 Resp: 789810

Ion Ratio Lower Upper

82 100

95 0.0 5.4 8.2#

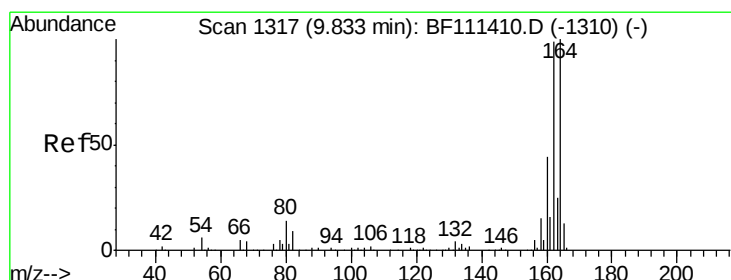
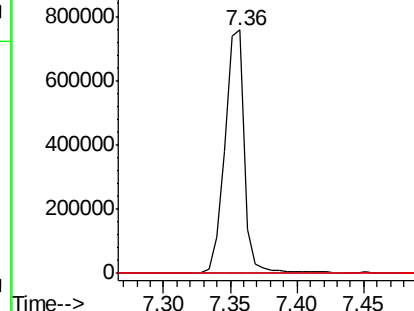
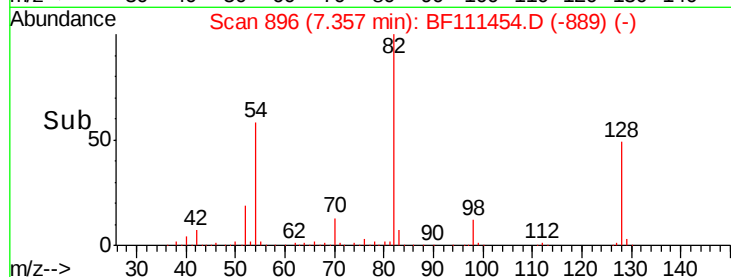
138 0.0 15.1 22.7#



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: BF111454.D

Acq: 15 Dec 2018 8:02

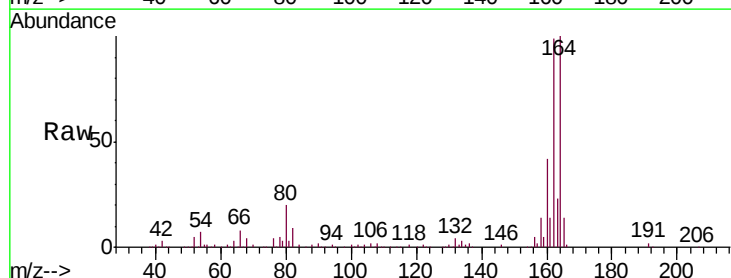
Tgt Ion: 164 Resp: 187724

Ion Ratio Lower Upper

164 100

162 99.4 81.4 122.0

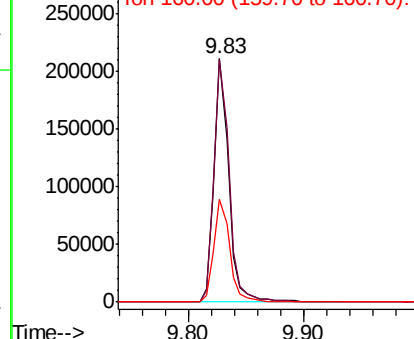
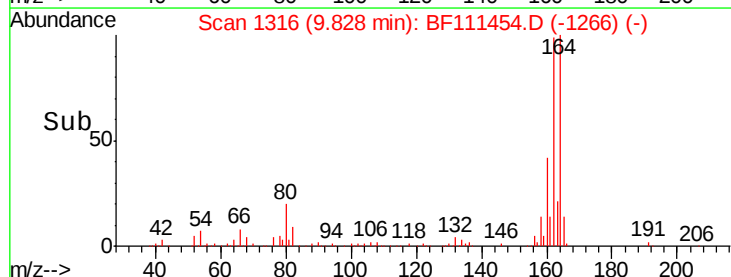
160 42.2 35.7 53.5

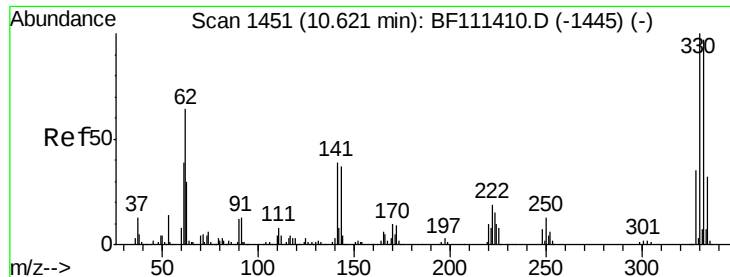


Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E

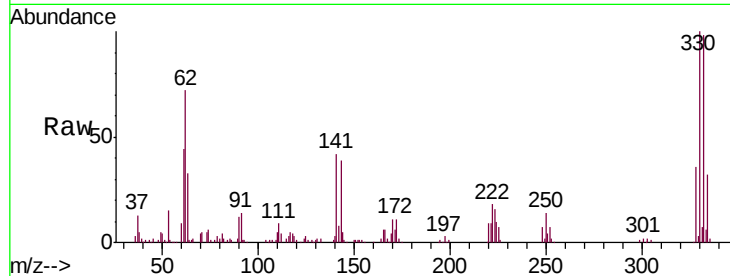




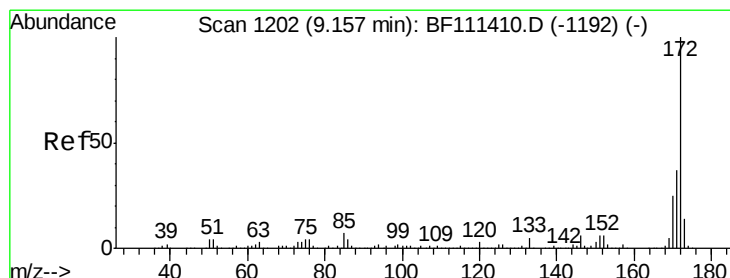
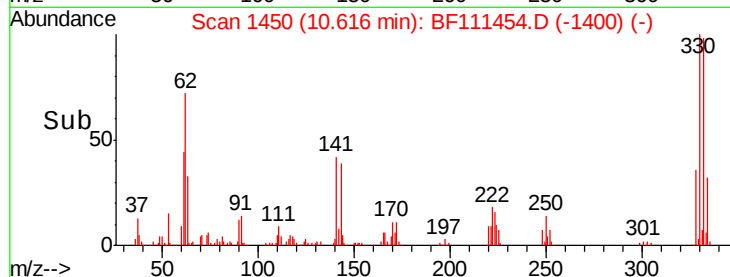
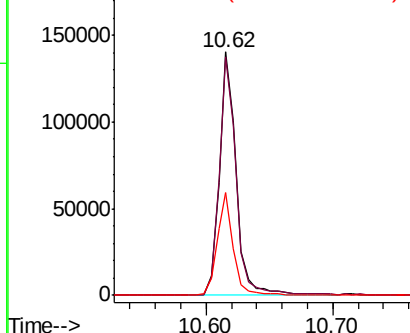
#42
 2,4,6-Tribromophenol
 Concen: 78.217 ng
 RT: 10.62 min Scan# 1450
 Delta R.T. -0.01 min
 Lab File: BF111454.D
 Acq: 15 Dec 2018 8:02

Instrument :
 BNA_F
 ClientSampleId :
 121118-JETT-F-U-B

Tgt Ion	Ratio	Lower	Upper
330	100		
332	99.5	76.0	114.0
141	40.3	31.0	46.6

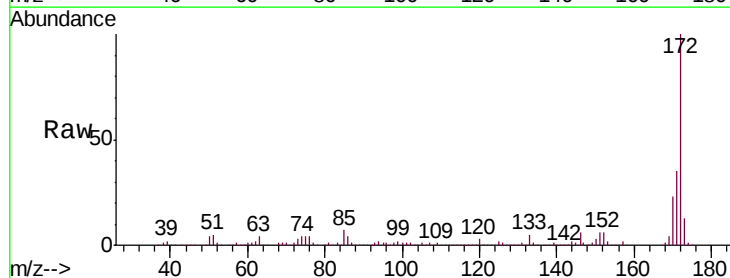


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

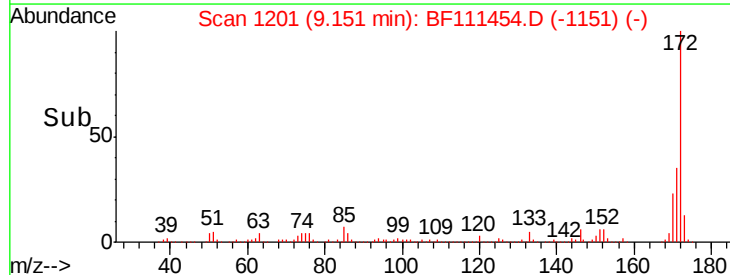
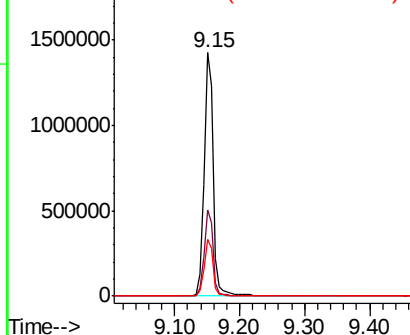


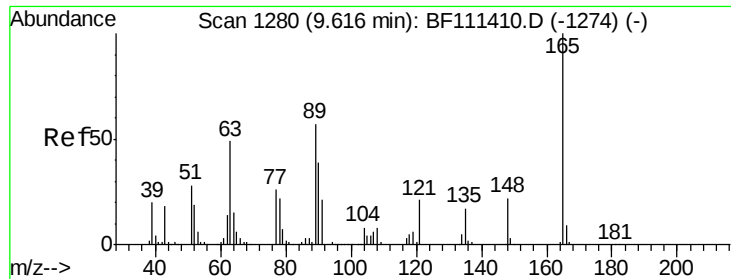
#45
 2-Fluorobiphenyl
 Concen: 113.571 ng
 RT: 9.15 min Scan# 1201
 Delta R.T. -0.01 min
 Lab File: BF111454.D
 Acq: 15 Dec 2018 8:02

Tgt Ion	Ratio	Lower	Upper
172	100		
171	35.5	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

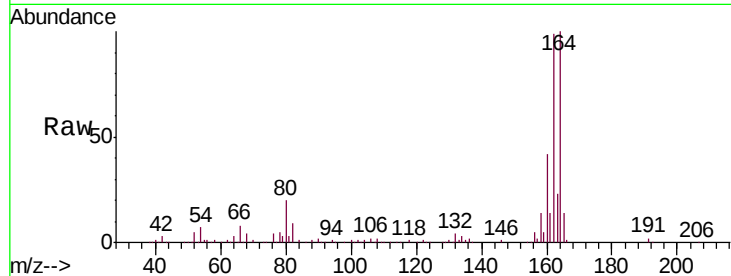




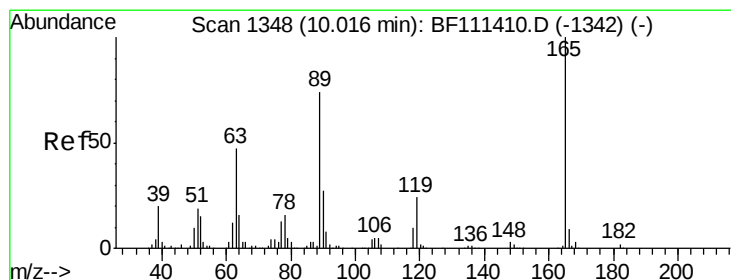
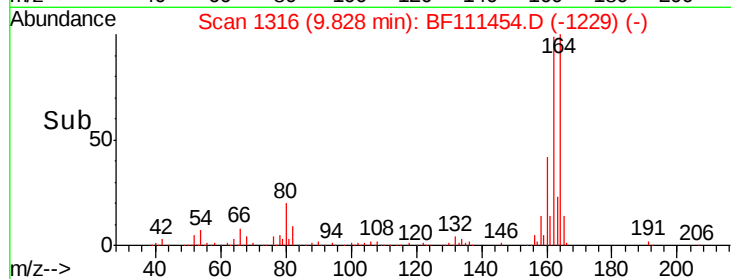
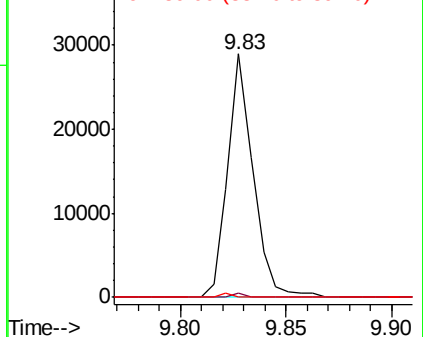
#51
 2,6-Dinitrotoluene
 Concen: 7.951 ng
 RT: 9.83 min Scan# 1316
 Delta R.T. 0.21 min
 Lab File: BF111454.D
 Acq: 15 Dec 2018 8:02

Instrument :
 BNA_F
 ClientSampleId :
 121118-JETT-F-U-B

Tgt Ion	Ratio	Lower	Upper
165	100		
63	1.9	40.5	60.7#
89	0.0	40.0	60.0#

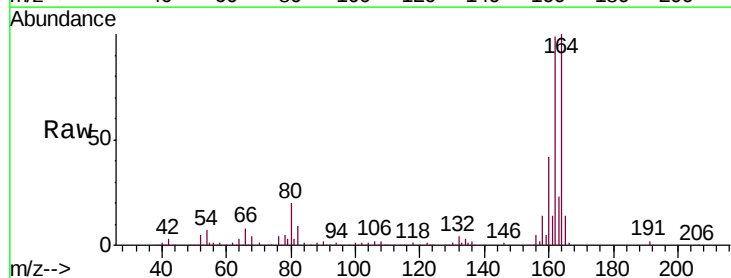


Abundance Ion 165.00 (164.70 to 165.70): E
 Ion 63.00 (62.70 to 63.70): BF1
 Ion 89.00 (88.70 to 89.70): BF1

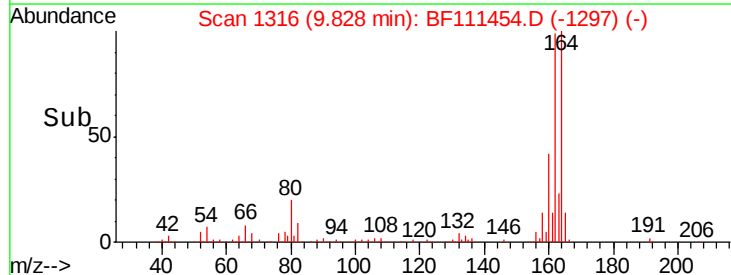
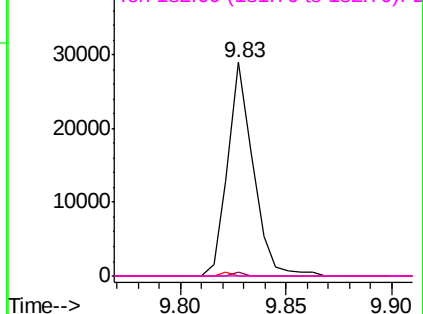


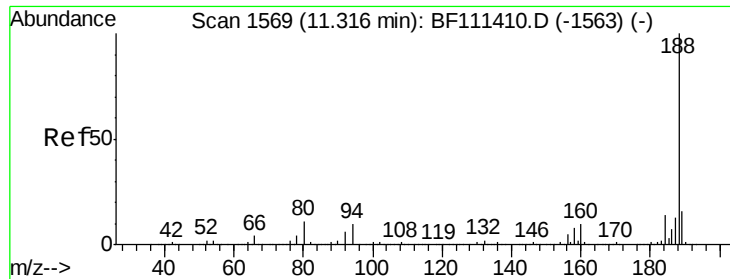
#57
 2,4-Dinitrotoluene
 Concen: 6.058 ng
 RT: 9.83 min Scan# 1316
 Delta R.T. -0.19 min
 Lab File: BF111454.D
 Acq: 15 Dec 2018 8:02

Tgt Ion	Ratio	Lower	Upper
165	100		
63	1.9	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

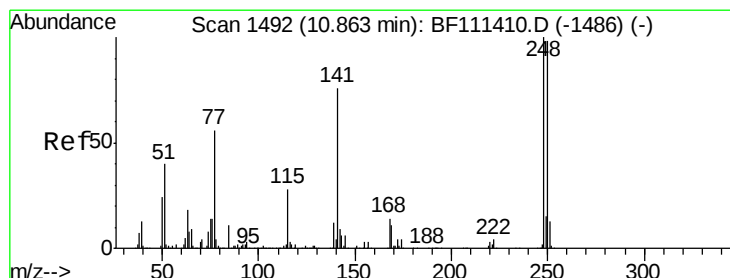
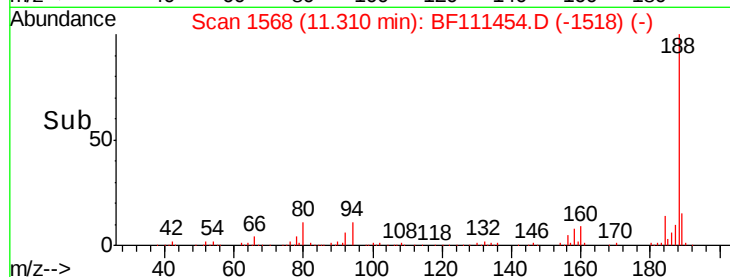
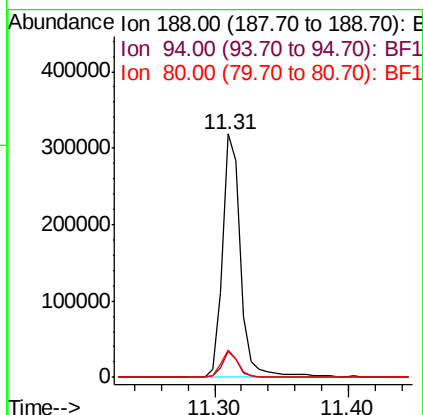
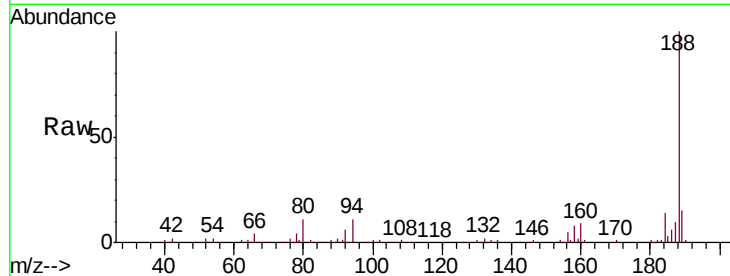




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.31 min Scan# 1568
Delta R.T. -0.01 min
Lab File: BF111454.D
Acq: 15 Dec 2018 8:02

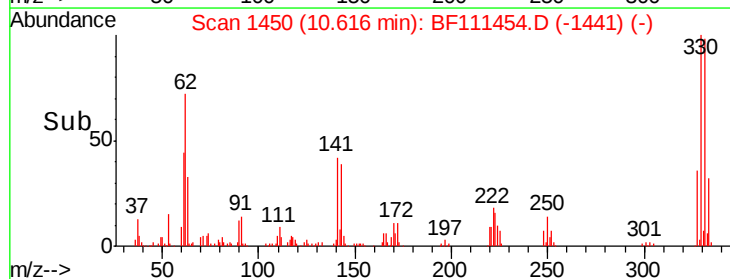
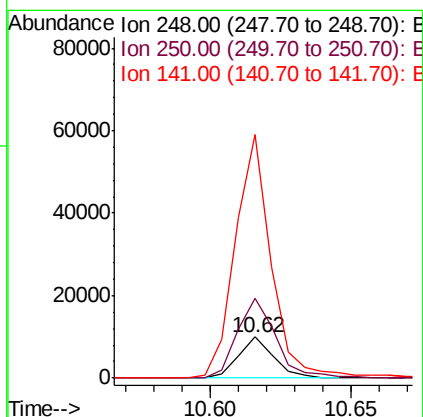
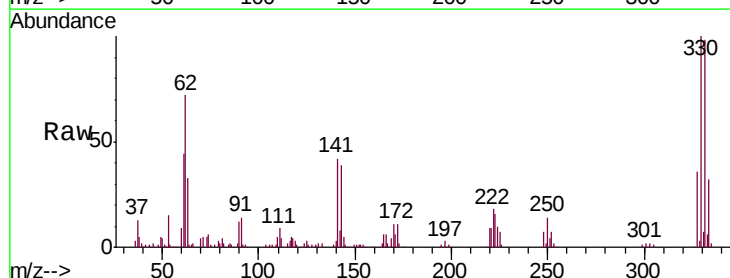
Instrument :
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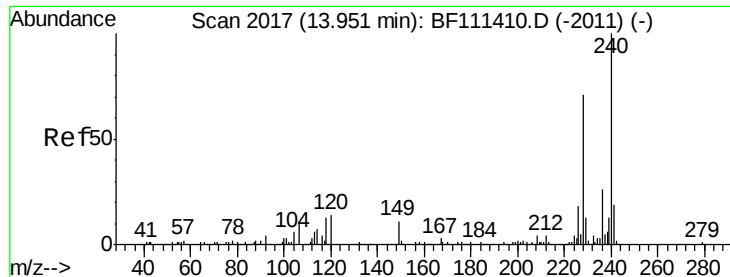
Tgt Ion:188 Resp: 306065
Ion Ratio Lower Upper
188 100
94 10.6 9.6 14.4
80 11.2 9.8 14.6



#67
4-Bromophenyl-phenylether
Concen: 2.596 ng
RT: 10.62 min Scan# 1450
Delta R.T. -0.25 min
Lab File: BF111454.D
Acq: 15 Dec 2018 8:02

Tgt Ion:248 Resp: 8562
Ion Ratio Lower Upper
248 100
250 194.8 77.0 115.4#
141 592.0 63.0 94.6#

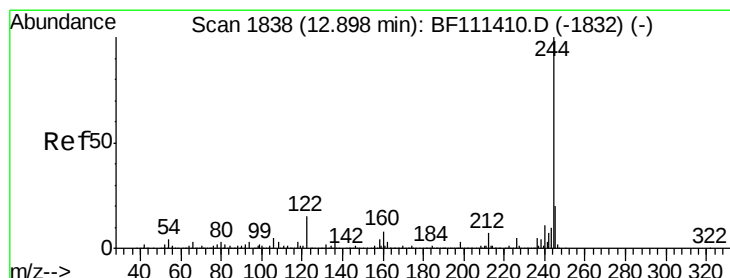
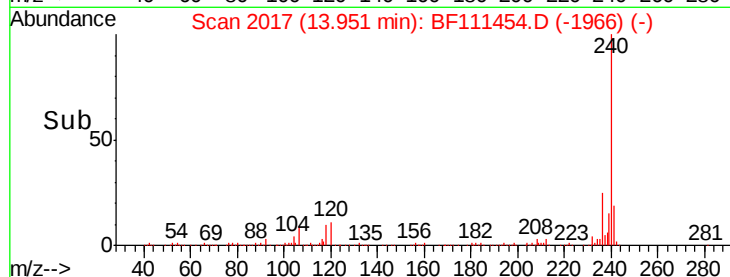
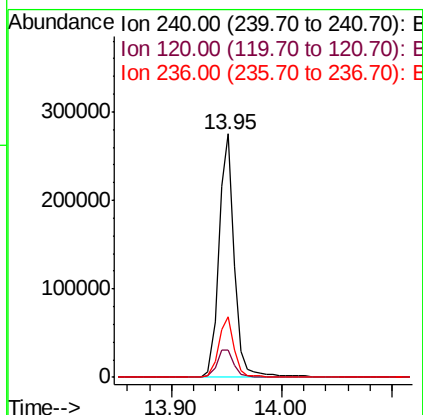
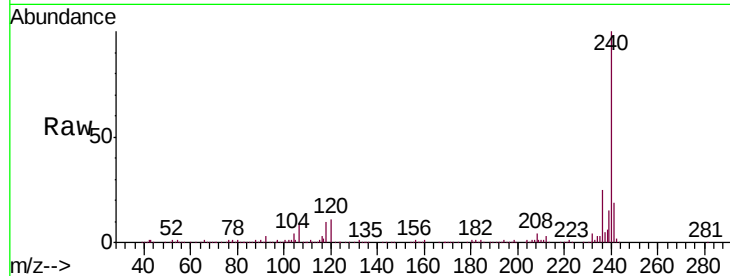




#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.95 min Scan# 2017
Delta R.T. 0.00 min
Lab File: BF111454.D
Acq: 15 Dec 2018 8:02

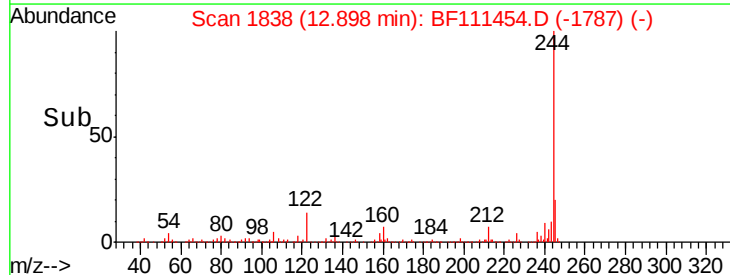
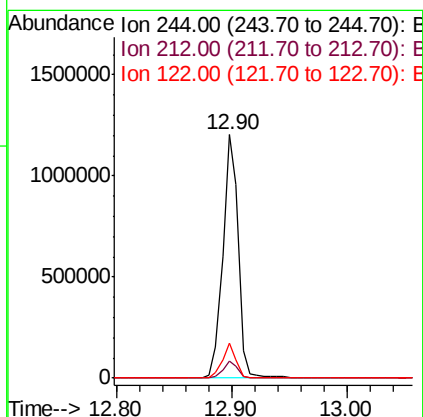
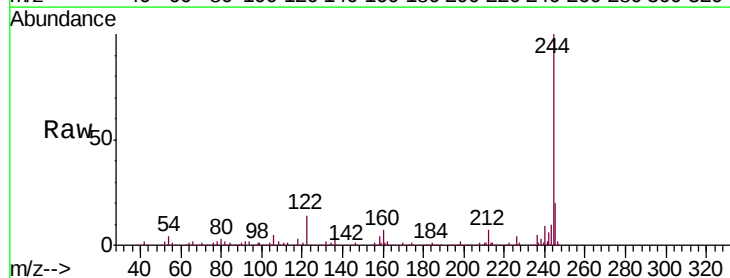
Instrument :
BNA_F
ClientSampleId :
121118-JETT-F-U-B

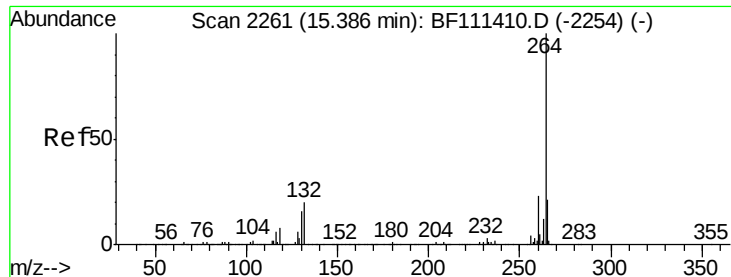
Tgt Ion:240 Resp: 266858
Ion Ratio Lower Upper
240 100
120 11.3 12.2 18.2#
236 24.8 20.2 30.2



#79
Terphenyl-d14
Concen: 97.700 ng
RT: 12.90 min Scan# 1838
Delta R.T. 0.00 min
Lab File: BF111454.D
Acq: 15 Dec 2018 8:02

Tgt Ion:244 Resp: 1110281
Ion Ratio Lower Upper
244 100
212 6.8 5.7 8.5
122 14.3 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: BF111454.D
Acq: 15 Dec 2018 8:02

Instrument :
BNA_F
ClientSampleId :
121118-JETT-F-U-B

Tgt Ion	Ratio	Lower	Upper
264	100		
260	22.9	18.3	27.5
265	21.8	17.7	26.5

