

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF121218\
 Data File : BF111353.D
 Acq On : 13 Dec 2018 6:13
 Operator : JU/SJ
 Sample : J6326-01
 Misc :
 ALS Vial : 31 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 120618-JETT-F-D-B

Quant Time: Dec 13 07:39:08 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF121218.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Dec 12 13:16:52 2018
 Response via : Initial Calibration

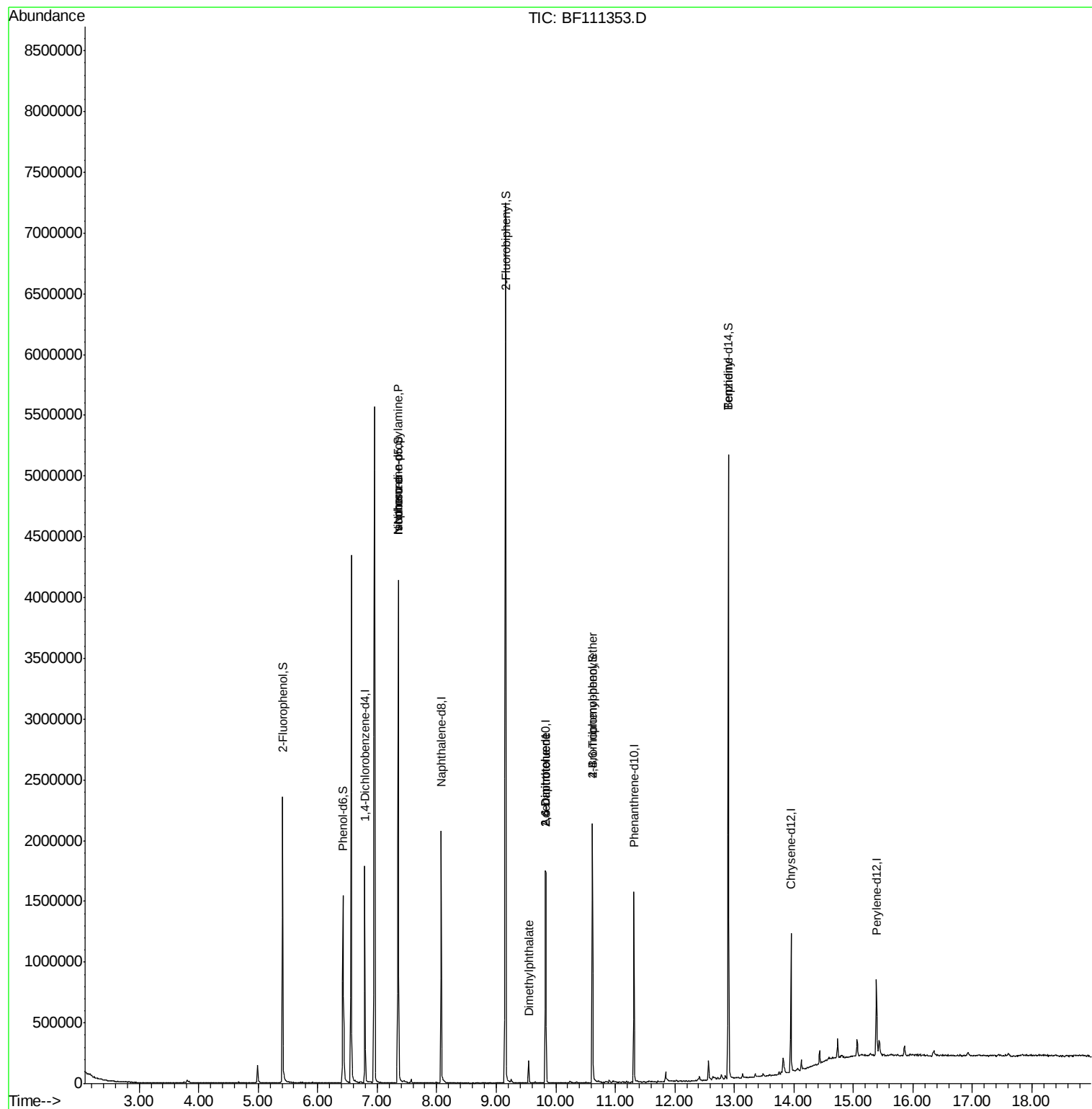
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.79	152	251156	20.00	ng	0.00
21) Naphthalene-d8	8.07	136	912805	20.00	ng	0.00
39) Acenaphthene-d10	9.83	164	362917	20.00	ng	0.00
64) Phenanthrene-d10	11.32	188	594170	20.00	ng	0.00
76) Chrysene-d12	13.95	240	367524	20.00	ng	0.00
87) Perylene-d12	15.39	264	306780	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.41	112	619662	41.72	ng	0.00
7) Phenol-d6	6.42	99	481602	24.05	ng	-0.01
23) Nitrobenzene-d5	7.36	82	1393667	86.06	ng	0.00
42) 2,4,6-Tribromophenol	10.62	330	219016	68.46	ng	0.00
45) 2-Fluorobiphenyl	9.16	172	2230070	98.65	ng	0.00
79) Terphenyl-d14	12.90	244	1711132	102.47	ng	0.00
Target Compounds						
9) Benzaldehyde	6.43	77	1133	Below Cal		Qvalue # 1
19) n-Nitroso-di-n-propylamine	7.36	70	180809	13.588	ng	# 76
25) Isophorone	7.36	82	1373777	49.938	ng	# 64
50) Dimethylphthalate	9.55	163	75485	2.892	ng	99
51) 2,6-Dinitrotoluene	9.83	165	45569	7.877	ng	# 29
57) 2,4-Dinitrotoluene	9.83	165	45569	6.146	ng	# 24
67) 4-Bromophenyl-phenylether	10.62	248	14273	2.158	ng	# 1
77) Benzydine	12.90	184	19170	2.764	ng	98

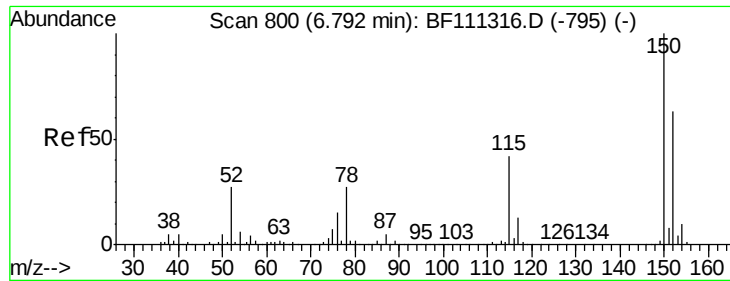
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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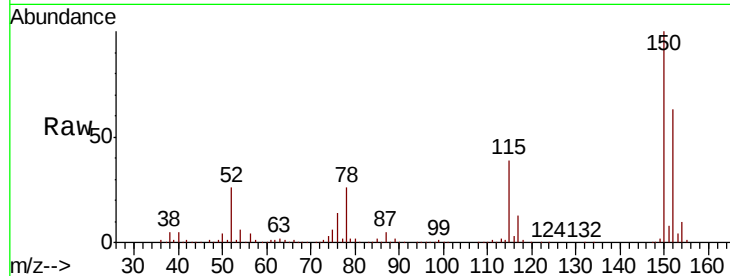




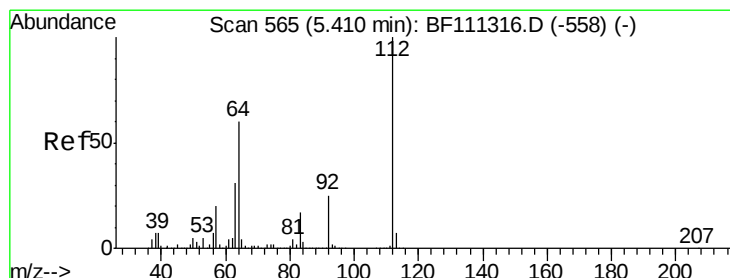
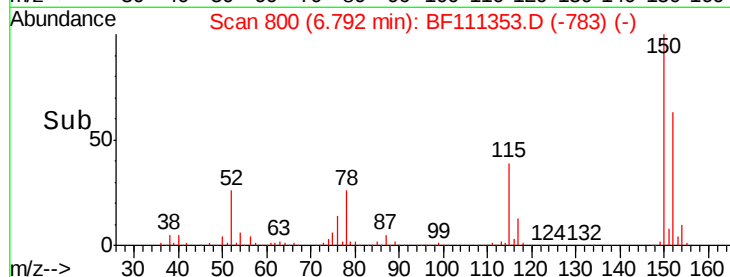
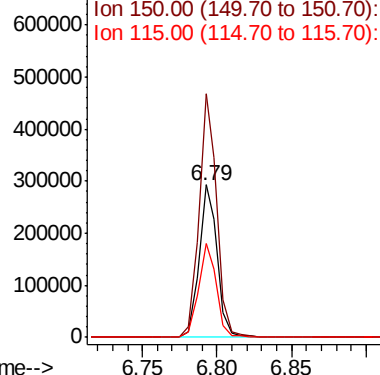
#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.79 min Scan# 800
 Delta R.T. -0.00 min
 Lab File: BF111353.D
 Acq: 13 Dec 2018 6:13

Instrument :
 BNA_F
 ClientSampleId :
 120618-JETT-F-D-B

Tgt Ion:152 Resp: 251156
 Ion Ratio Lower Upper
 152 100
 150 159.6 126.6 189.8
 115 61.8 50.7 76.1

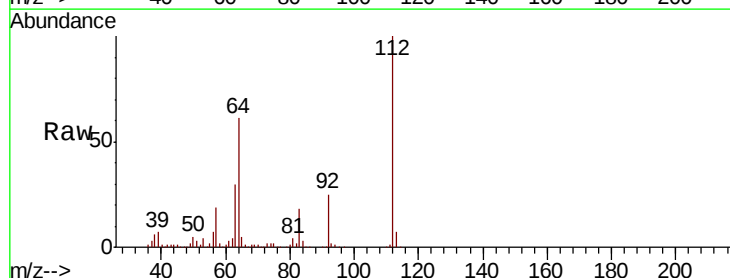


Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E

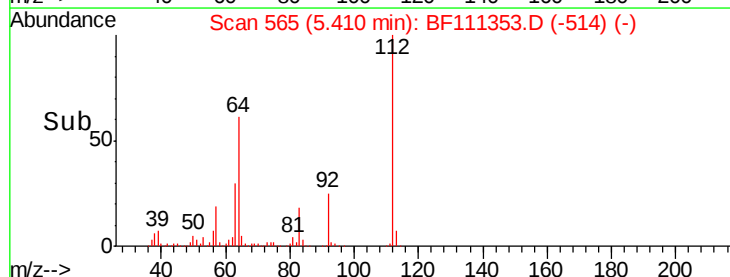
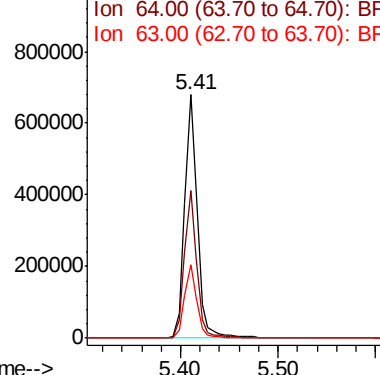


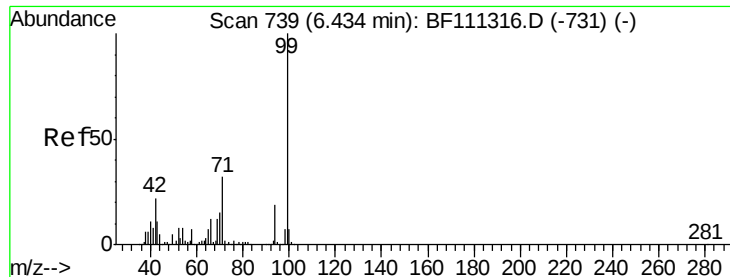
#5
 2-Fluorophenol
 Concen: 41.722 ng
 RT: 5.41 min Scan# 565
 Delta R.T. 0.00 min
 Lab File: BF111353.D
 Acq: 13 Dec 2018 6:13

Tgt Ion:112 Resp: 619662
 Ion Ratio Lower Upper
 112 100
 64 60.6 51.8 77.6
 63 30.2 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: 24.050 ng

RT: 6.42 min Scan# 737

Delta R.T. -0.01 min

Lab File: BF111353.D

Acq: 13 Dec 2018 6:13

Instrument :

BNA_F

ClientSampleId :

120618-JETT-F-D-B

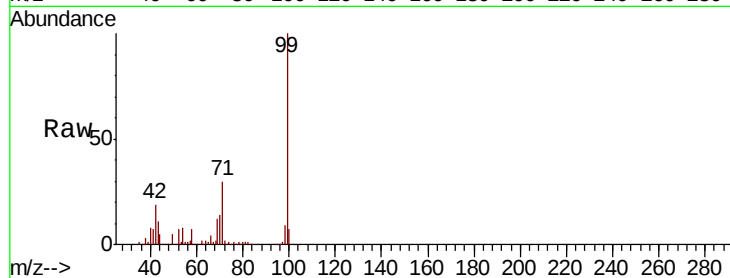
Tgt Ion: 99 Resp: 481602

Ion Ratio Lower Upper

99 100

42 19.5 17.4 26.0

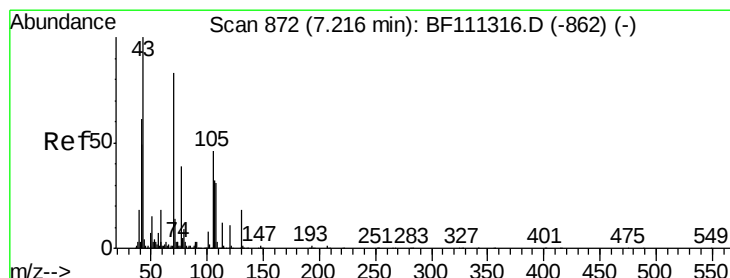
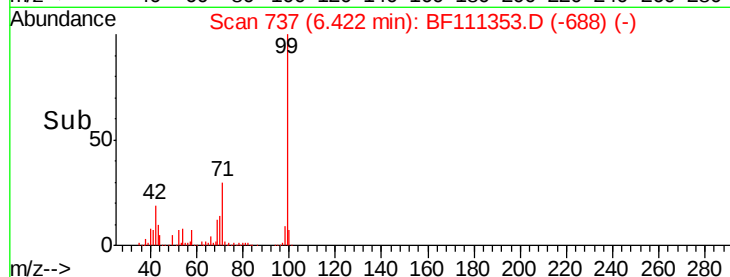
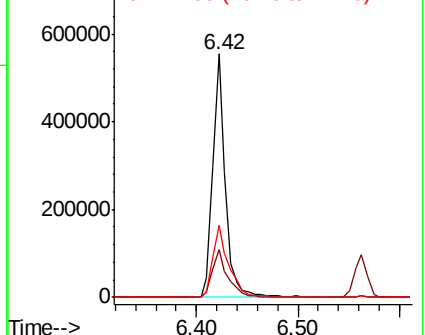
71 29.6 26.1 39.1



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: 13.588 ng

RT: 7.36 min Scan# 896

Delta R.T. 0.14 min

Lab File: BF111353.D

Acq: 13 Dec 2018 6:13

Tgt Ion: 70 Resp: 180809

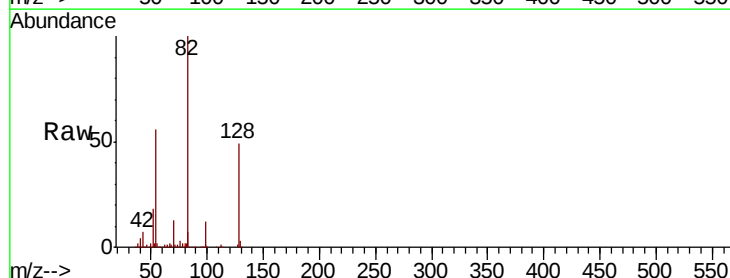
Ion Ratio Lower Upper

70 100

42 52.8 53.2 79.8#

101 0.0 8.2 12.4#

130 2.4 18.1 27.1#

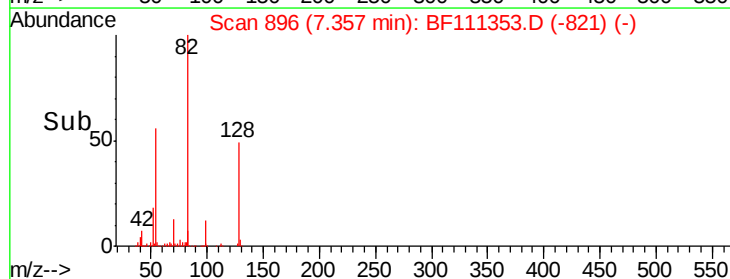
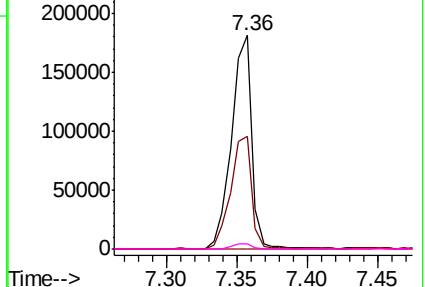


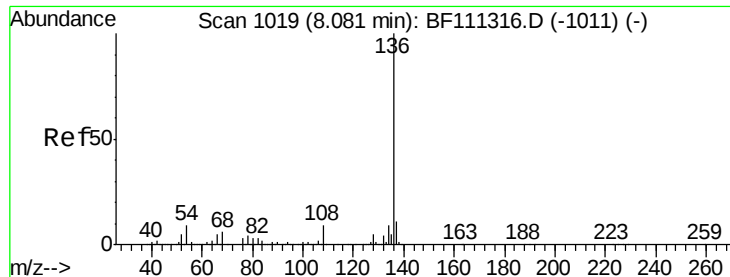
Abundance Ion 70.00 (69.70 to 70.70): BF1

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

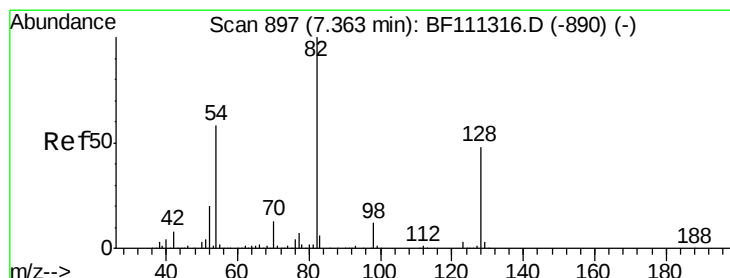
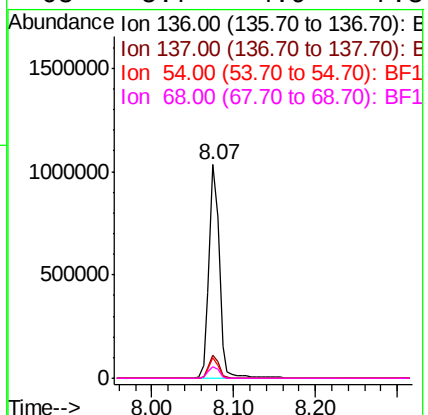
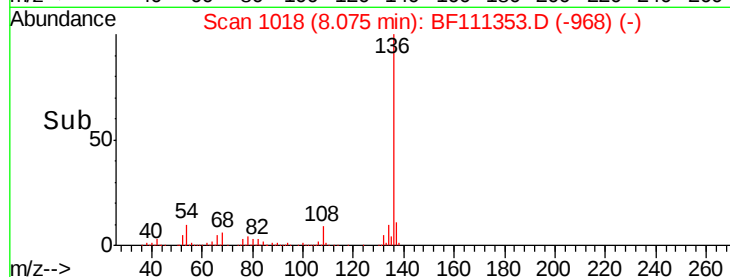
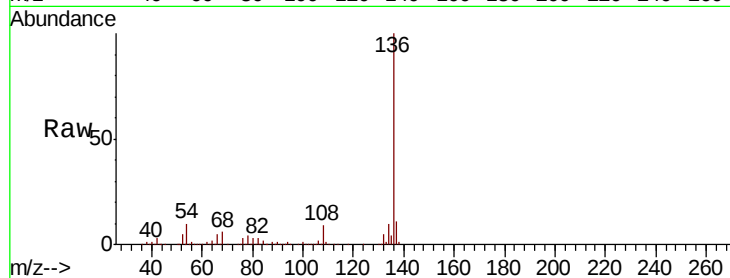




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.07 min Scan# 1018
Delta R.T. -0.01 min
Lab File: BF111353.D
Acq: 13 Dec 2018 6:13

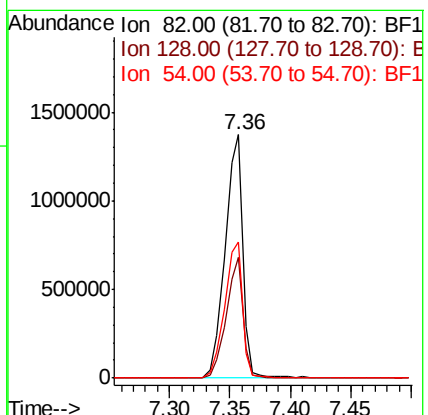
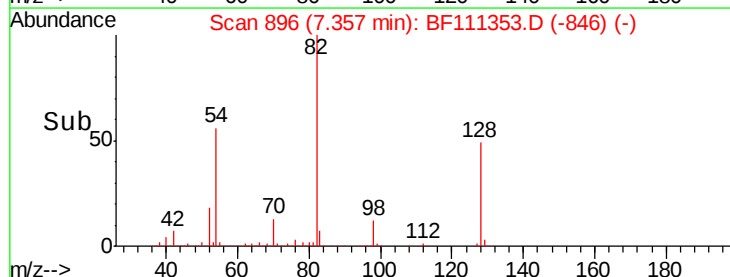
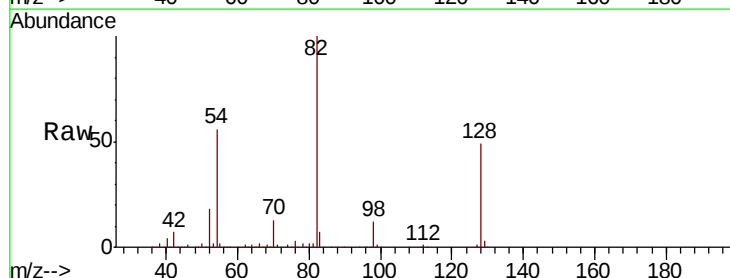
Instrument :
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120618-JETT-F-D-B

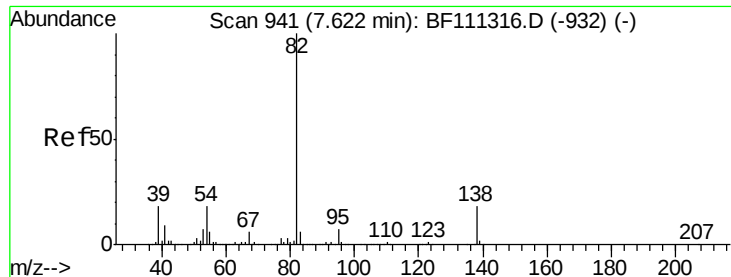
Tgt Ion:	136	Resp:	912805
Ion	Ratio	Lower	Upper
136	100		
137	11.0	9.1	13.7
54	9.6	7.7	11.5
68	5.7	4.9	7.3



#23
Nitrobenzene-d5
Concen: 86.055 ng
RT: 7.36 min Scan# 896
Delta R.T. -0.01 min
Lab File: BF111353.D
Acq: 13 Dec 2018 6:13

Tgt Ion:	82	Resp:	1393667
Ion	Ratio	Lower	Upper
82	100		
128	49.4	37.4	56.2
54	56.0	47.6	71.4

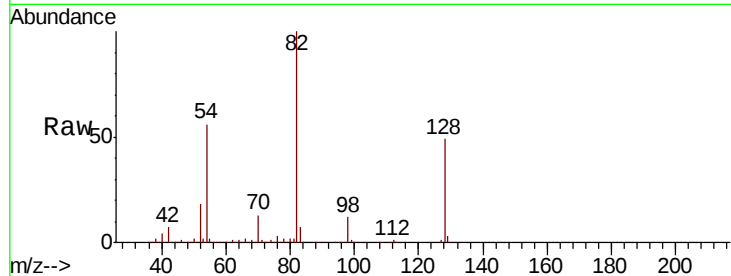




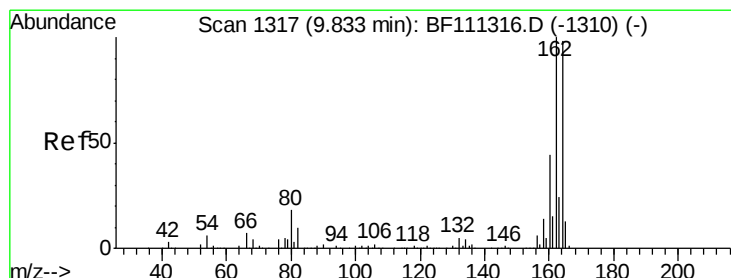
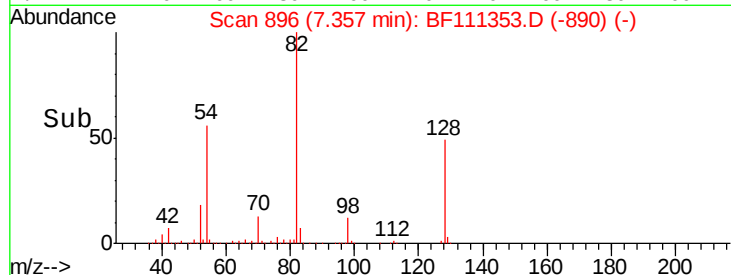
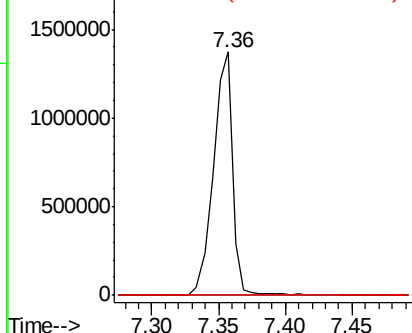
#25
Isophorone
Concen: 49.938 ng
RT: 7.36 min Scan# 896
Delta R.T. -0.26 min
Lab File: BF111353.D
Acq: 13 Dec 2018 6:13

Instrument :
BNA_F
ClientSampleId :
120618-JETT-F-D-B

Tgt Ion: 82 Resp: 1373777
Ion Ratio Lower Upper
82 100
95 0.0 5.4 8.2#
138 0.0 15.1 22.7#

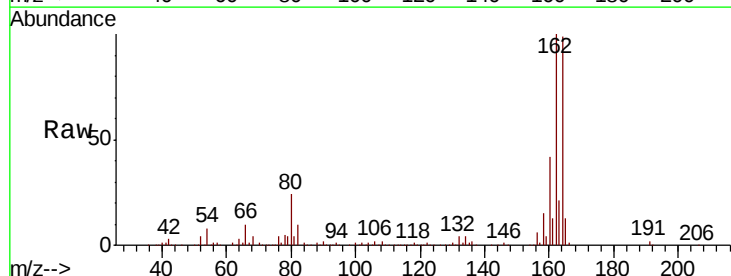


Abundance Ion 82.00 (81.70 to 82.70): BF1
Ion 95.00 (94.70 to 95.70): BF1
Ion 138.00 (137.70 to 138.70): E

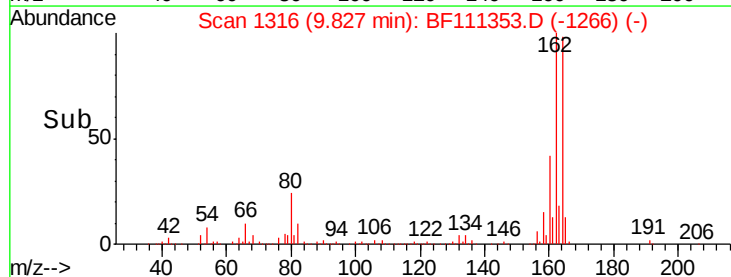
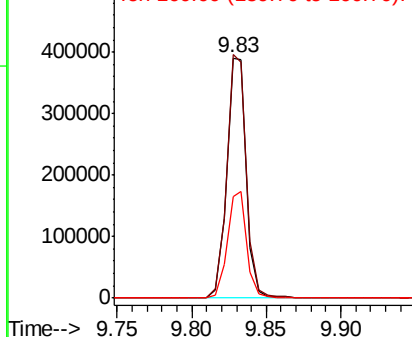


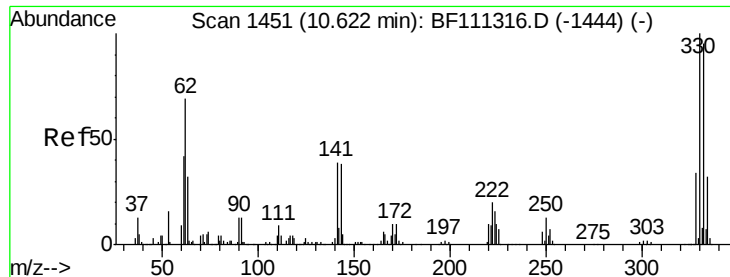
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.83 min Scan# 1316
Delta R.T. -0.01 min
Lab File: BF111353.D
Acq: 13 Dec 2018 6:13

Tgt Ion: 164 Resp: 362917
Ion Ratio Lower Upper
164 100
162 101.3 81.4 122.0
160 42.5 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

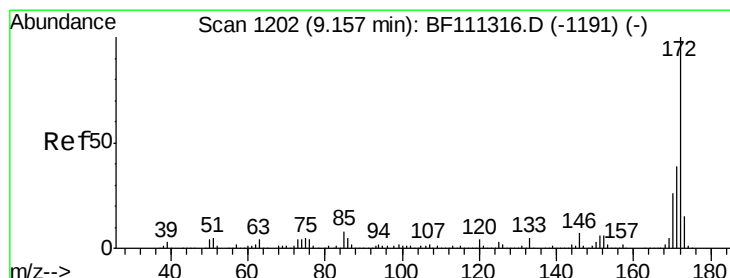
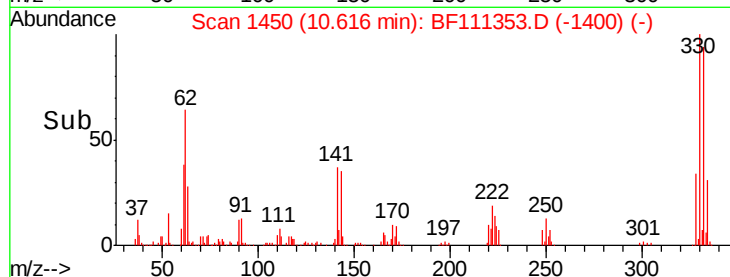
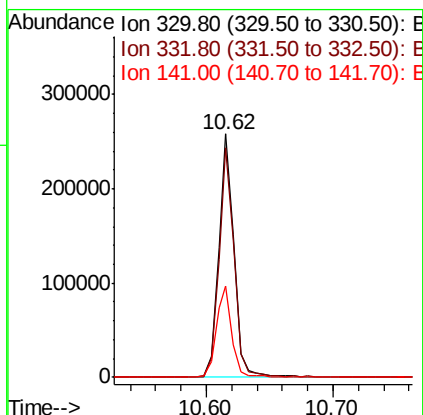
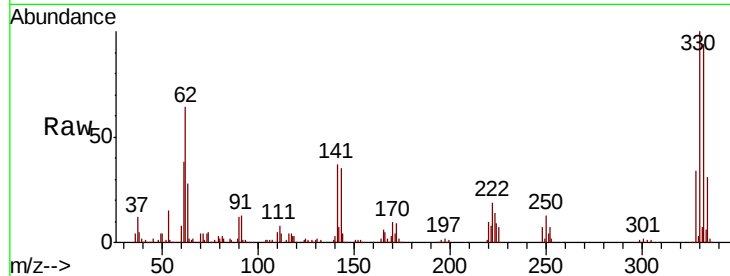




#42
 2,4,6-Tribromophenol
 Concen: 68.460 ng
 RT: 10.62 min Scan# 1450
 Delta R.T. -0.01 min
 Lab File: BF111353.D
 Acq: 13 Dec 2018 6:13

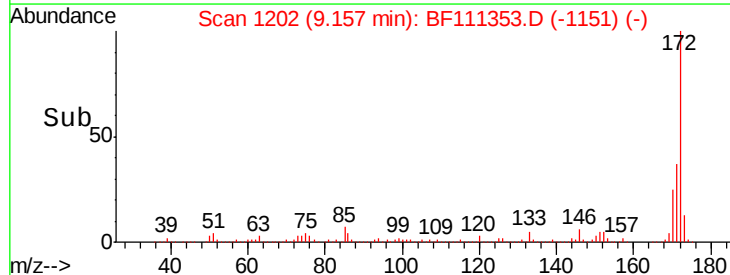
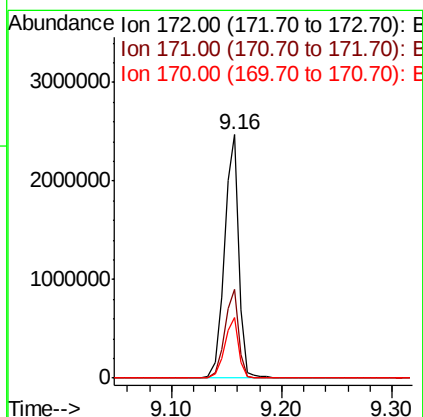
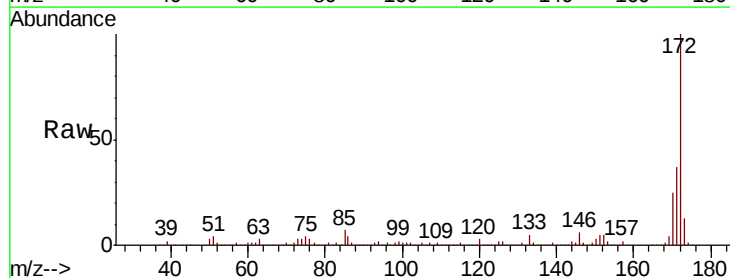
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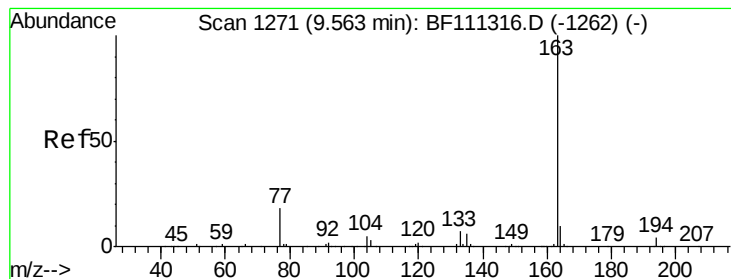
Tgt Ion	Ratio	Lower	Upper
330	100		
332	93.7	76.0	114.0
141	37.8	31.0	46.6



#45
 2-Fluorobiphenyl
 Concen: 98.655 ng
 RT: 9.16 min Scan# 1202
 Delta R.T. -0.00 min
 Lab File: BF111353.D
 Acq: 13 Dec 2018 6:13

Tgt Ion	Ratio	Lower	Upper
172	100		
171	36.6	33.0	49.4
170	25.0	22.3	33.5





#50

Dimethylphthalate

Concen: 2.892 ng

RT: 9.55 min Scan# 1268

Delta R.T. -0.02 min

Lab File: BF111353.D

Acq: 13 Dec 2018 6:13

Instrument :

BNA_F

ClientSampleId :

120618-JETT-F-D-B

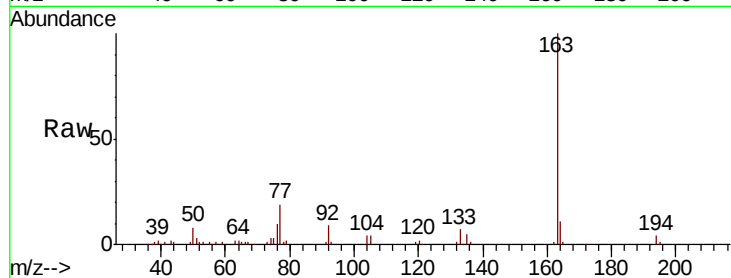
Tgt Ion:163 Resp: 75485

Ion Ratio Lower Upper

163 100

194 3.9 3.0 4.6

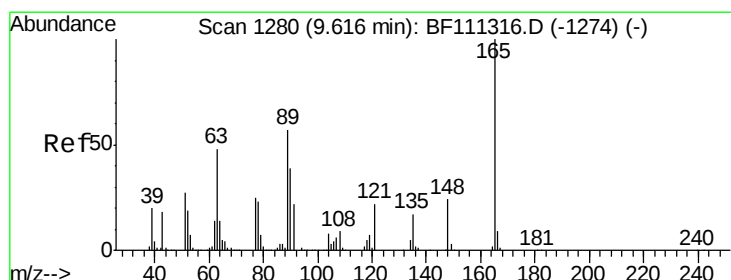
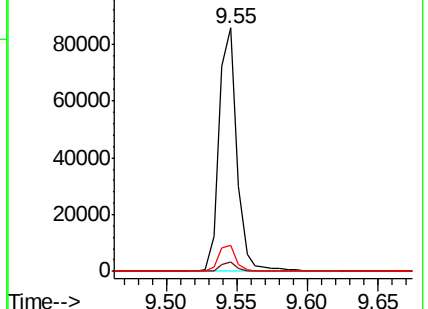
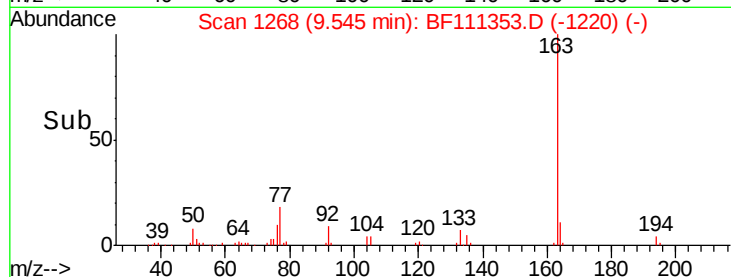
164 10.6 8.9 13.3



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: 7.877 ng

RT: 9.83 min Scan# 1316

Delta R.T. 0.21 min

Lab File: BF111353.D

Acq: 13 Dec 2018 6:13

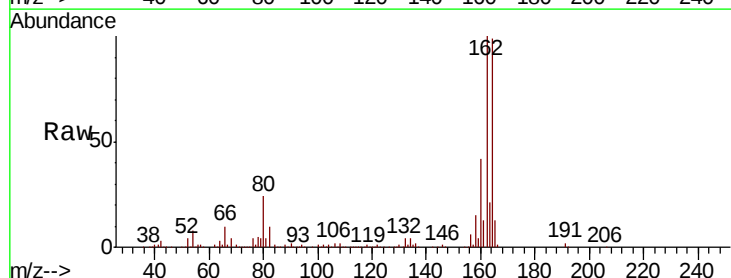
Tgt Ion:165 Resp: 45569

Ion Ratio Lower Upper

165 100

63 1.0 40.5 60.7#

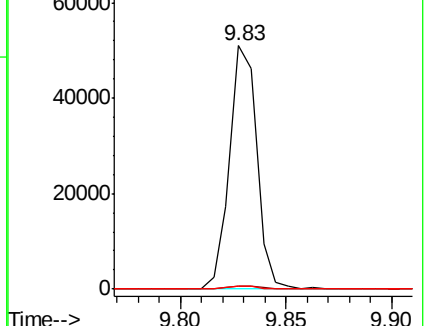
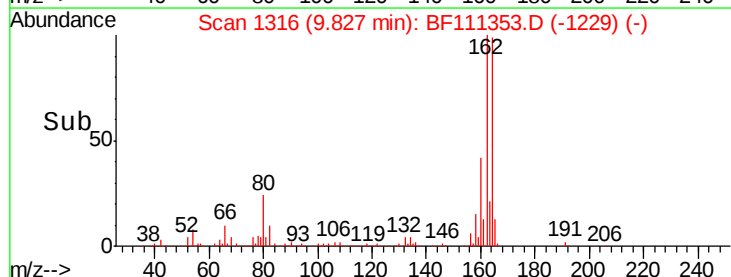
89 1.4 40.0 60.0#

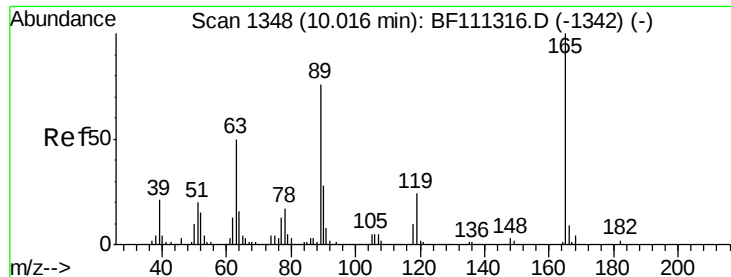


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF1

Ion 89.00 (88.70 to 89.70): BF1

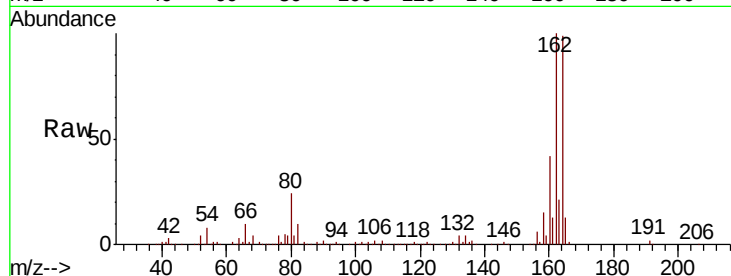




#57
 2,4-Dinitrotoluene
 Concen: 6.146 ng
 RT: 9.83 min Scan# 1316
 Delta R.T. -0.19 min
 Lab File: BF111353.D
 Acq: 13 Dec 2018 6:13

Instrument :
 BNA_F
 ClientSampleId :
 120618-JETT-F-D-B

Tgt Ion	Ratio	Lower	Upper
165	100		
63	1.0	34.6	52.0#
89	1.4	56.2	84.4#
182	0.0	1.8	2.6#



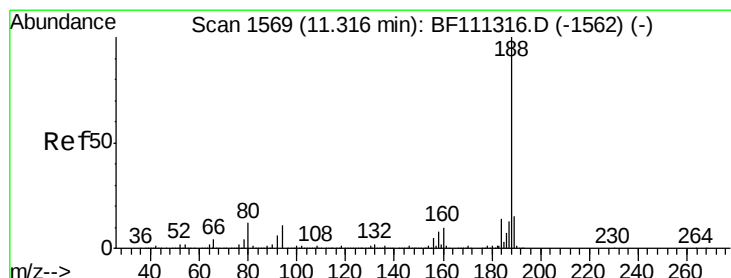
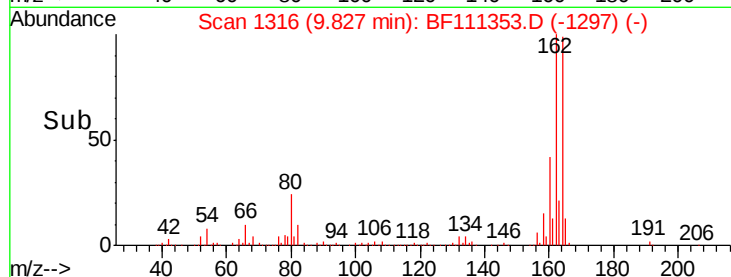
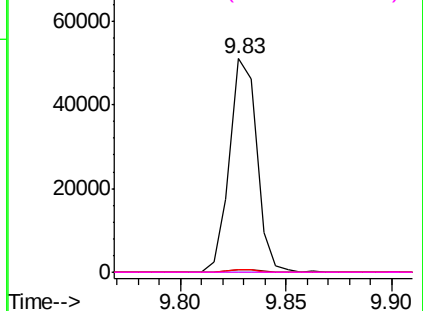
Abundance

Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF1

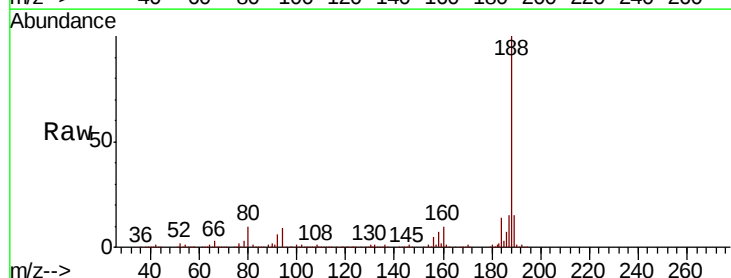
Ion 89.00 (88.70 to 89.70): BF1

Ion 182.00 (181.70 to 182.70): E



#64
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 11.32 min Scan# 1569
 Delta R.T. -0.00 min
 Lab File: BF111353.D
 Acq: 13 Dec 2018 6:13

Tgt Ion	Ratio	Lower	Upper
188	100		
94	9.4	9.6	14.4#
80	9.8	9.8	14.6

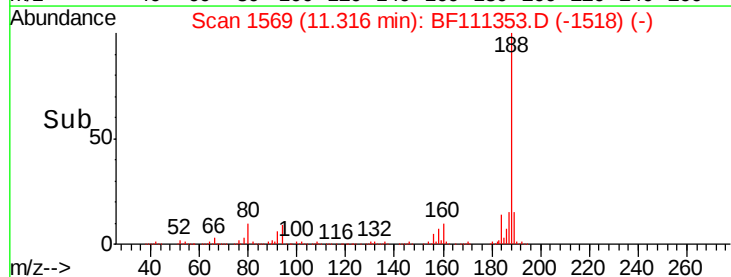
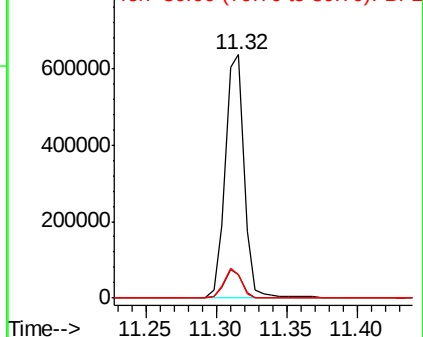


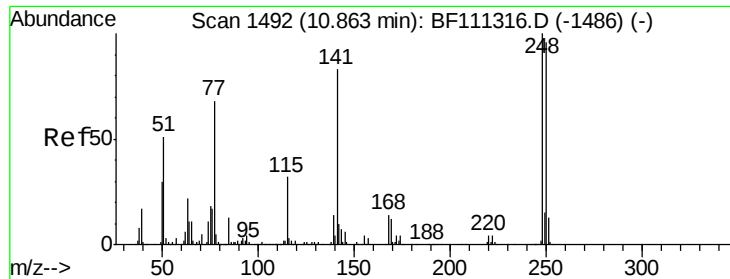
Abundance

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

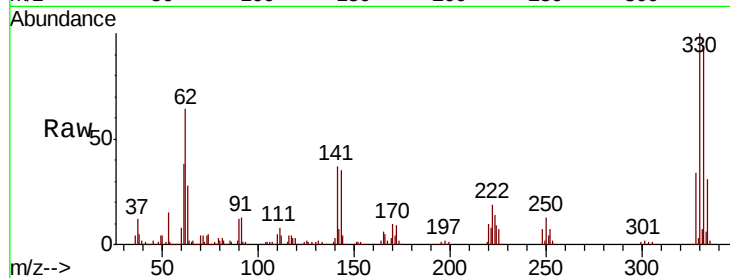




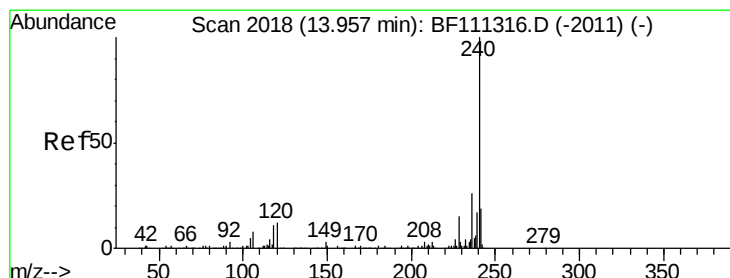
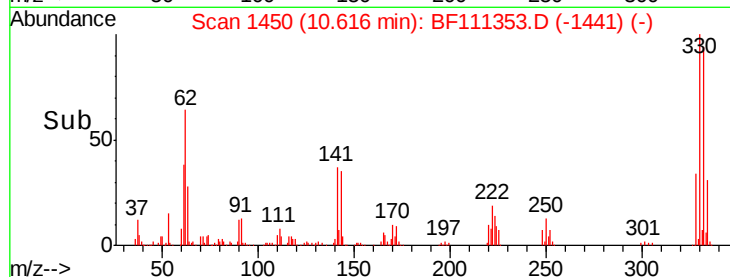
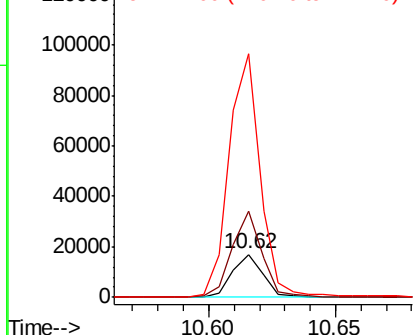
#67
4-Bromophenyl-phenylether
Concen: 2.158 ng
RT: 10.62 min Scan# 1450
Delta R.T. -0.25 min
Lab File: BF111353.D
Acq: 13 Dec 2018 6:13

Instrument :
BNA_F
ClientSampleId :
120618-JETT-F-D-B

Tgt Ion:248 Resp: 14273
Ion Ratio Lower Upper
248 100
250 198.9 77.0 115.4#
141 563.0 63.0 94.6#

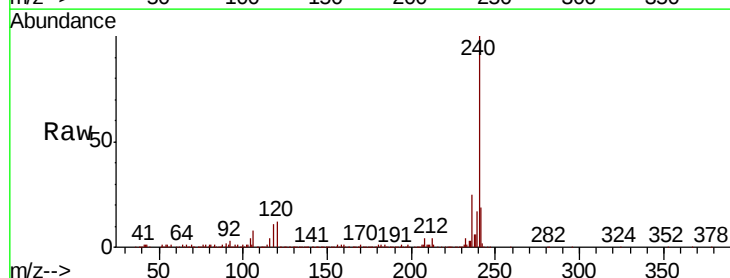


Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

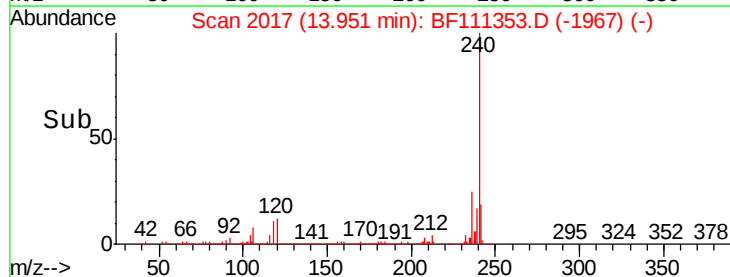
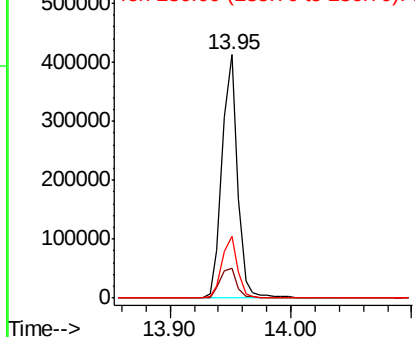


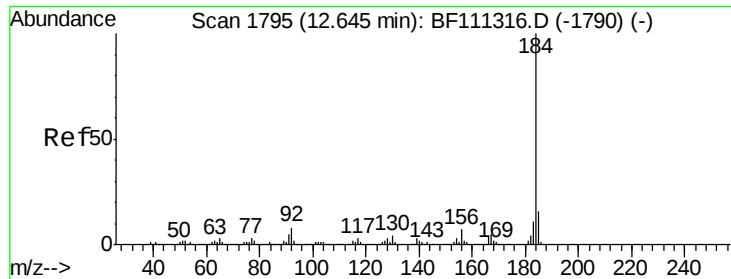
#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.95 min Scan# 2017
Delta R.T. -0.01 min
Lab File: BF111353.D
Acq: 13 Dec 2018 6:13

Tgt Ion:240 Resp: 367524
Ion Ratio Lower Upper
240 100
120 12.5 12.2 18.2
236 25.3 20.2 30.2



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: 2.764 ng

RT: 12.90 min Scan# 1839

Delta R.T. 0.26 min

Lab File: BF111353.D

Acq: 13 Dec 2018 6:13

Instrument :

BNA_F

ClientSampleId :

120618-JETT-F-D-B

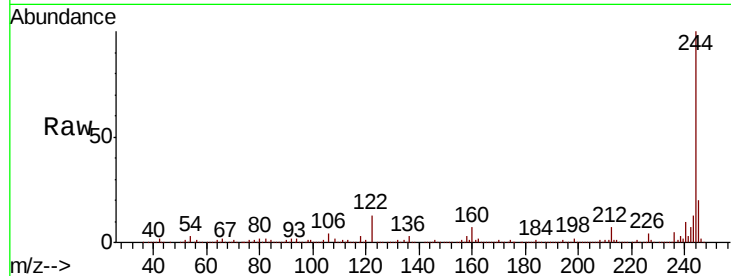
Tgt Ion:184 Resp: 19170

Ion Ratio Lower Upper

184 100

185 16.4 13.0 19.6

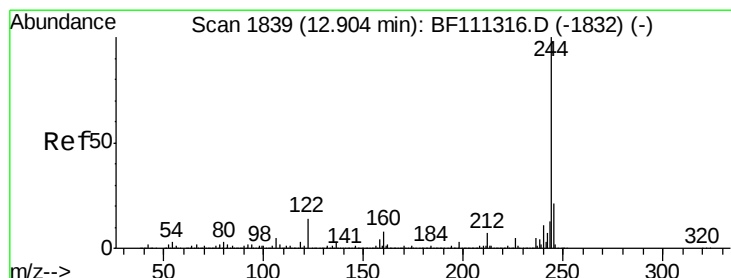
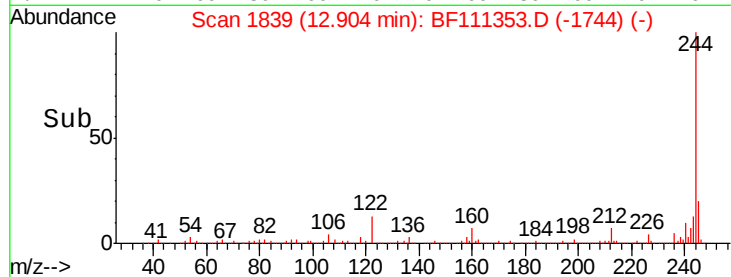
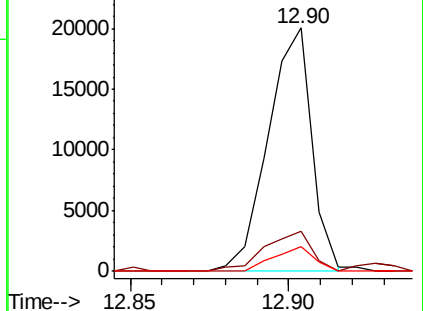
183 10.3 9.3 13.9



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: 102.472 ng

RT: 12.90 min Scan# 1839

Delta R.T. -0.00 min

Lab File: BF111353.D

Acq: 13 Dec 2018 6:13

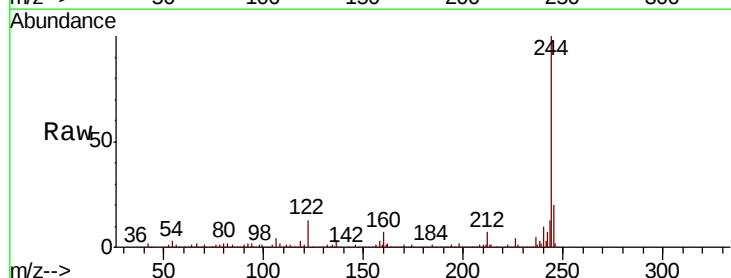
Tgt Ion:244 Resp: 1711132

Ion Ratio Lower Upper

244 100

212 6.7 5.7 8.5

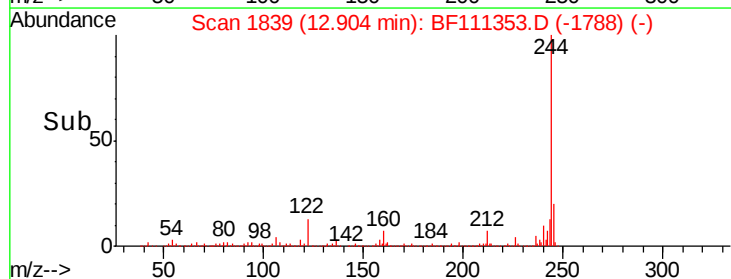
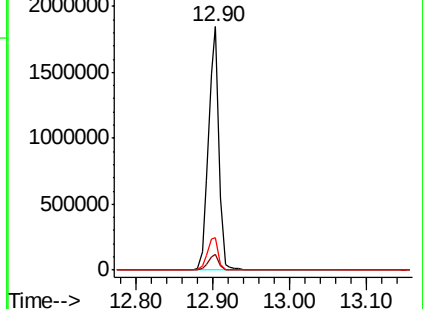
122 13.2 13.1 19.7

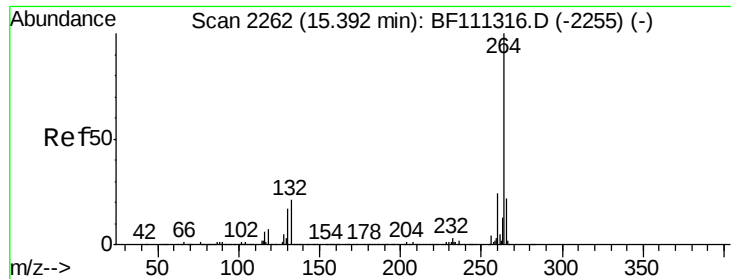


Abundance Ion 244.00 (243.70 to 244.70): E

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: 15.39 min Scan# 2261
Delta R.T. -0.01 min
Lab File: BF111353.D
Acq: 13 Dec 2018 6:13

Instrument :
BNA_F
ClientSampleId :
120618-JETT-F-D-B

Tgt Ion	Ratio	Lower	Upper
264	100		
260	22.5	18.3	27.5
265	21.4	17.7	26.5

