

Data File : BF111456.D
Acq On : 15 Dec 2018 8:58
Operator : JU/SJ
Sample : J6341-03
Misc :
ALS Vial : 40 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
121018-JETT-F-D-B

Quant Time: Dec 15 23:35:14 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	128758	20.00	ng	0.00
21) Naphthalene-d8	8.07	136	506140	20.00	ng	0.00
39) Acenaphthene-d10	9.83	164	192107	20.00	ng	0.00
64) Phenanthrene-d10	11.31	188	301497	20.00	ng	0.00
76) Chrysene-d12	13.95	240	253704	20.00	ng	0.00
87) Perylene-d12	15.39	264	170796	20.00	ng	0.00

System Monitoring Compounds						
5) 2-Fluorophenol	5.42	112	333133	43.05	ng	0.00
7) Phenol-d6	6.43	99	248276	24.12	ng	-0.01
23) Nitrobenzene-d5	7.36	82	767958	90.35	ng	0.00
42) 2,4,6-Tribromophenol	10.62	330	129242	75.10	ng	0.00
45) 2-Fluorobiphenyl	9.15	172	1357086	109.12	ng	0.00
79) Terphenyl-d14	12.90	244	1069403	98.98	ng	0.00

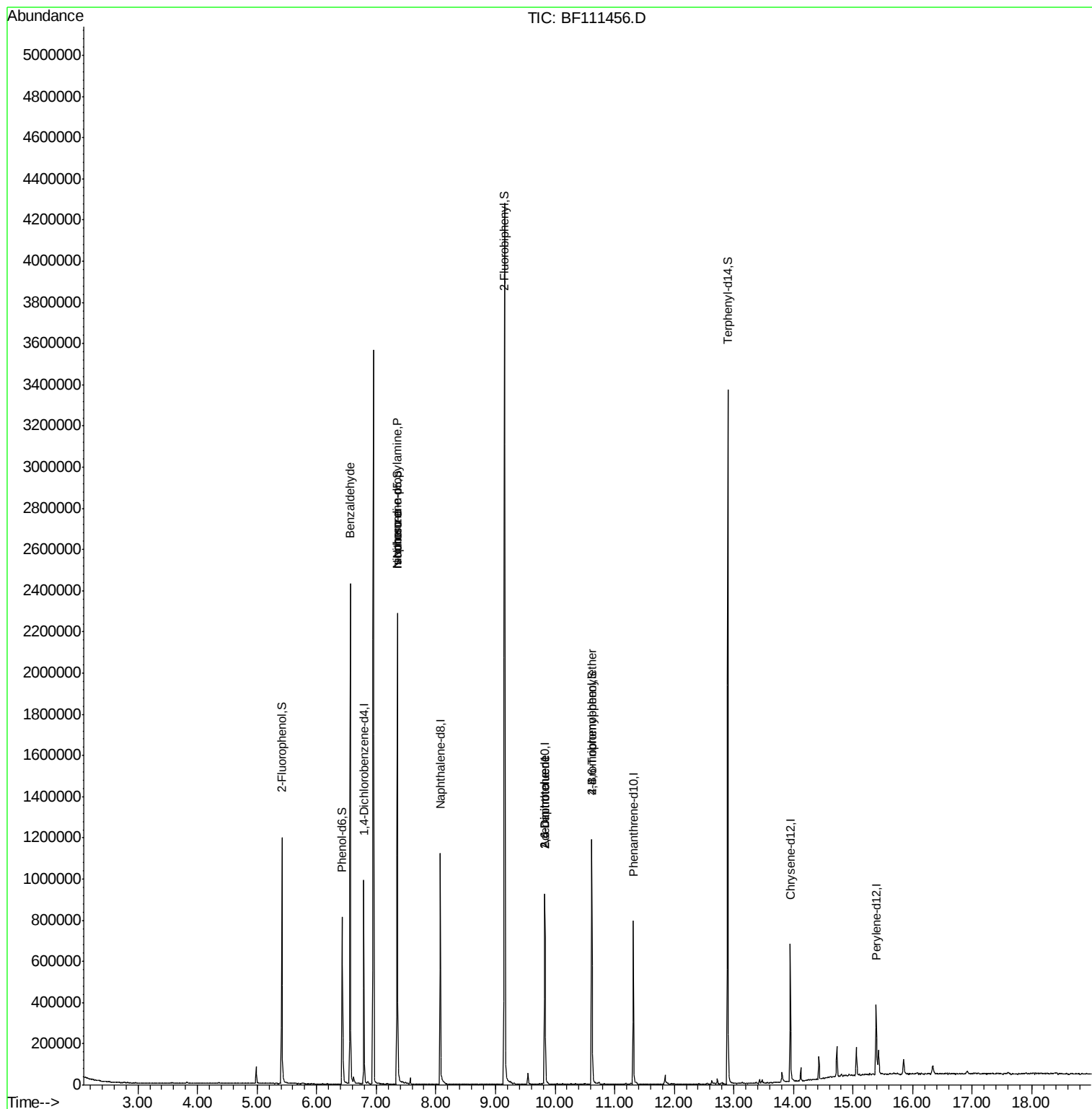
Target Compounds				Qvalue		
9) Benzaldehyde	6.56	77	12556	2.011	ng	# 73
19) n-Nitroso-di-n-propylamine	7.35	70	101778	14.989	ng	# 80
25) Isophorone	7.36	82	767945	53.398	ng	# 64
51) 2,6-Dinitrotoluene	9.83	165	24714	7.936	ng	# 29
57) 2,4-Dinitrotoluene	9.83	165	24714	6.046	ng	# 25
67) 4-Bromophenyl-phenylether	10.62	248	8062	2.481	ng	# 1

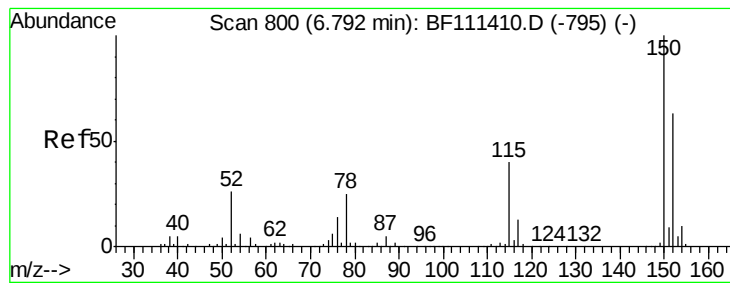
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: BF111456.D

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Instrument :

BNA_F

ClientSampleId :

121018-JETT-F-D-B

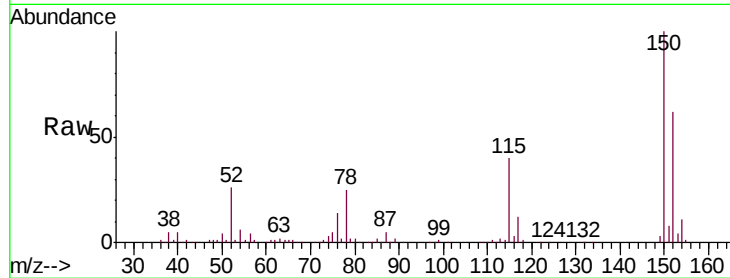
Tgt Ion:152 Resp: 128758

Ion Ratio Lower Upper

152 100

150 162.1 126.6 189.8

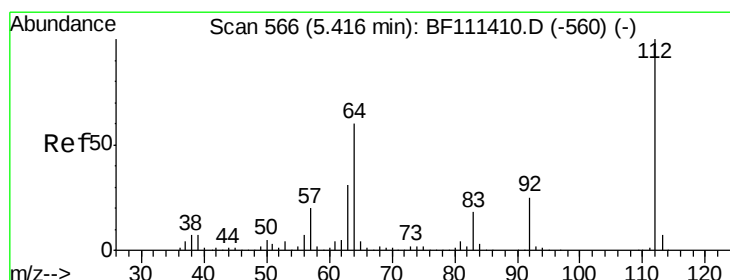
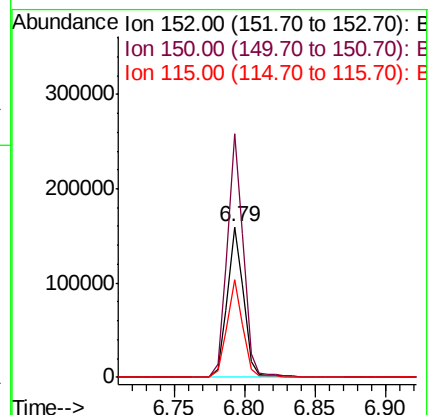
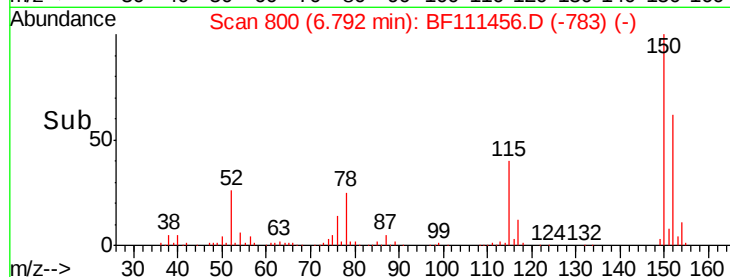
115 64.8 50.7 76.1



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: 43.054 ng

RT: 5.42 min Scan# 566

Delta R.T. 0.00 min

Lab File: BF111456.D

Acq: 15 Dec 2018 8:58

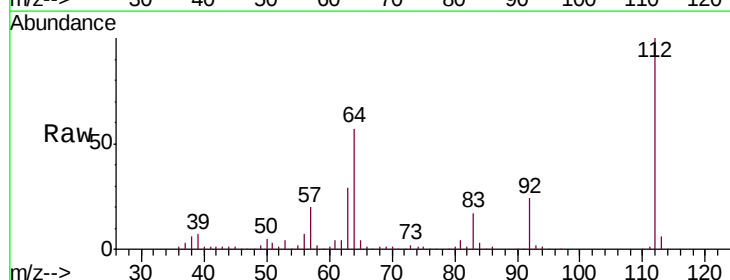
Tgt Ion:112 Resp: 333133

Ion Ratio Lower Upper

112 100

64 56.8 51.8 77.6

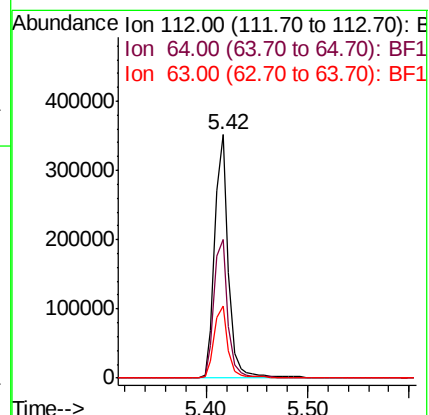
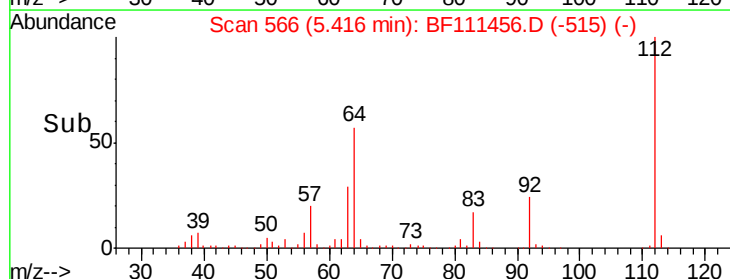
63 29.4 26.8 40.2

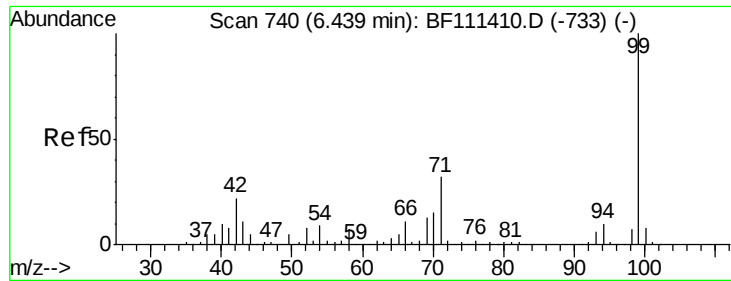


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF1

Ion 63.00 (62.70 to 63.70): BF1





#7

Phenol-d6

Concen: 24.122 ng

RT: 6.43 min Scan# 738

Delta R.T. -0.01 min

Lab File: BF111456.D

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Instrument :

BNA_F

ClientSampleId :

121018-JETT-F-D-B

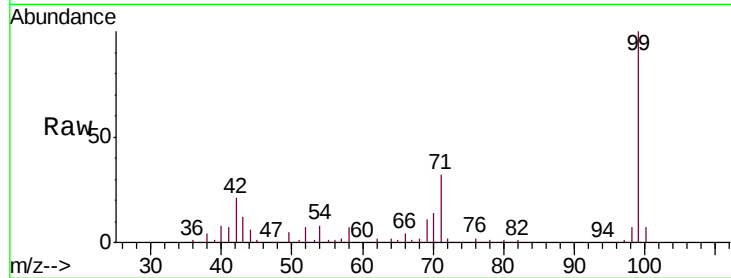
Tgt Ion: 99 Resp: 248276

Ion Ratio Lower Upper

99 100

42 21.3 17.4 26.0

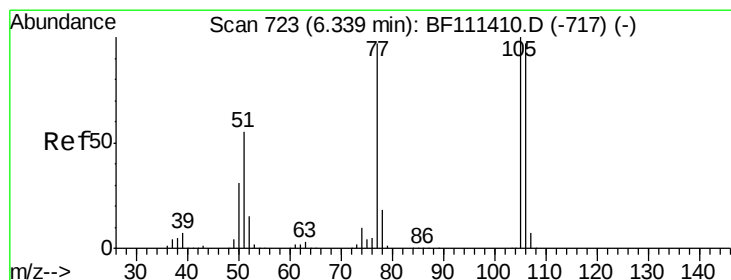
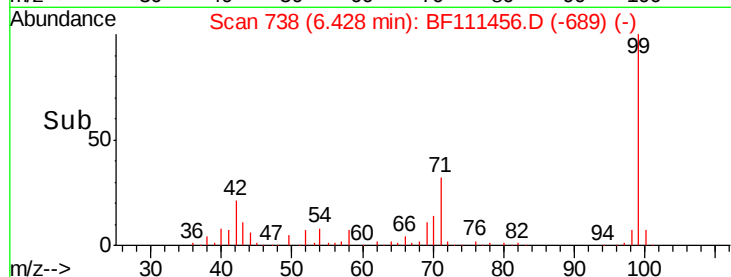
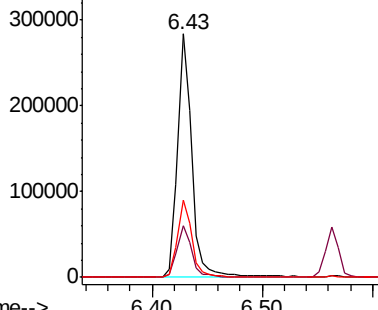
71 31.6 26.1 39.1



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



#9

Benzaldehyde

Concen: 2.011 ng

RT: 6.56 min Scan# 761

Delta R.T. 0.22 min

Lab File: BF111456.D

Acq: 15 Dec 2018 8:58

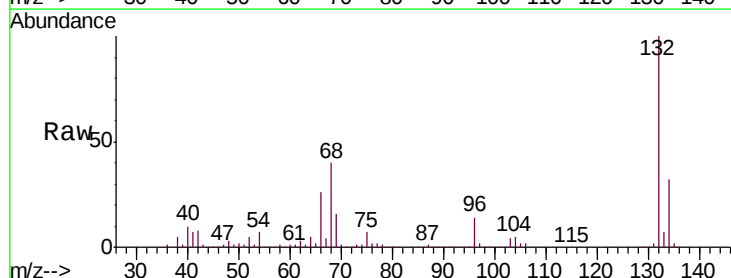
Tgt Ion: 77 Resp: 12556

Ion Ratio Lower Upper

77 100

105 74.9 81.4 121.4#

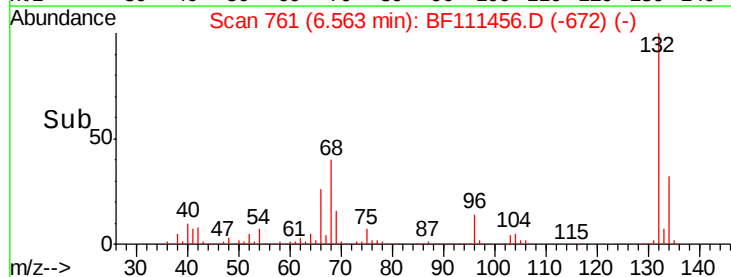
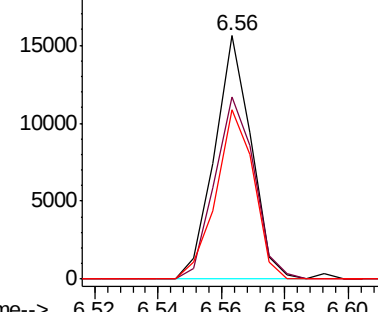
106 69.8 77.9 117.9#



Abundance Ion 77.00 (76.70 to 77.70): BF1

Ion 105.00 (104.70 to 105.70): E

Ion 106.00 (105.70 to 106.70): E

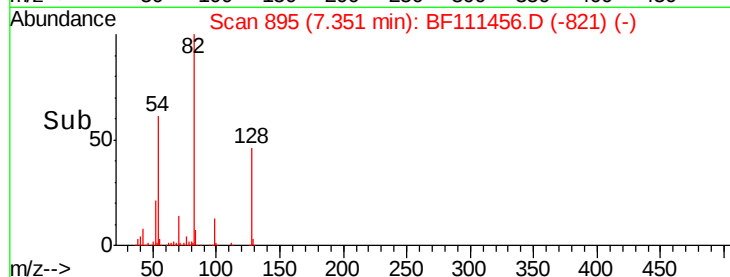
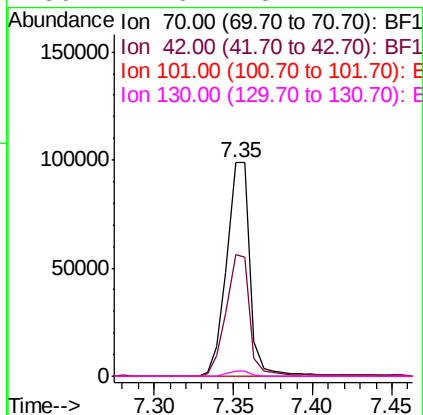
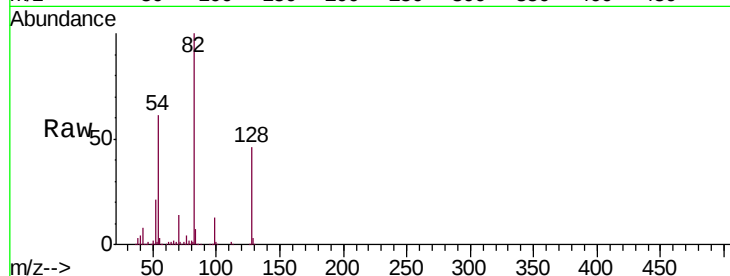




#19
n-Nitroso-di-n-propylamine
Concen: 14.989 ng
RT: 7.35 min Scan# 895
Delta R.T. 0.14 min
Lab File: BF111456.D
Acq: 15 Dec 2018 8:58

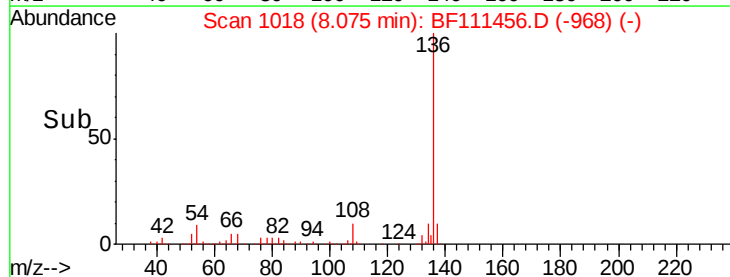
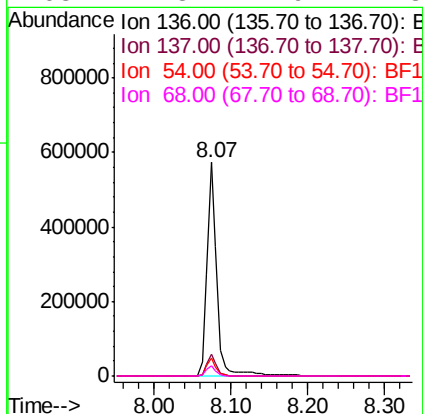
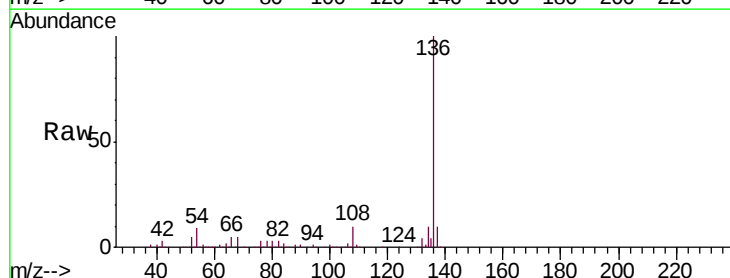
Instrument :
BNA_F
ClientSampleId :
121018-JETT-F-D-B

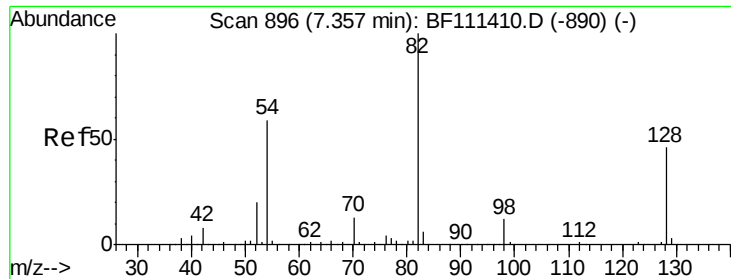
Tgt Ion	Ratio	Lower	Upper
70	100		
42	56.8	53.2	79.8
101	0.0	8.2	12.4#
130	2.6	18.1	27.1#



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.07 min Scan# 1018
Delta R.T. -0.01 min
Lab File: BF111456.D
Acq: 15 Dec 2018 8:58

Tgt Ion	Ratio	Lower	Upper
136	100		
137	9.9	9.1	13.7
54	8.6	7.7	11.5
68	4.8	4.9	7.3#

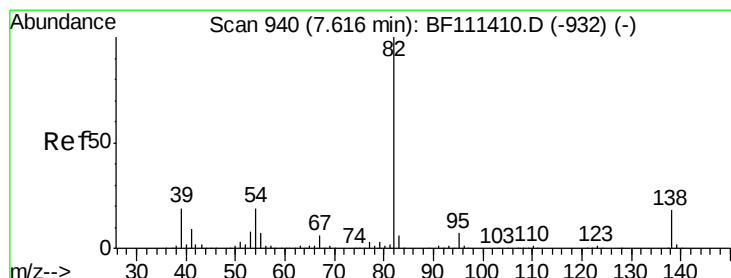
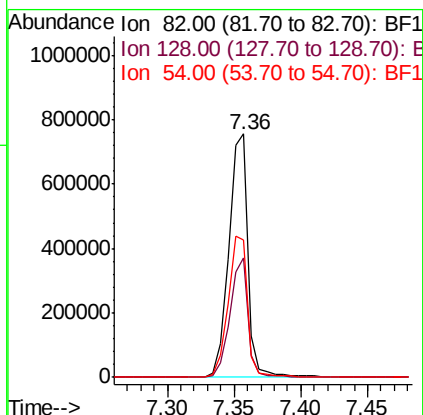
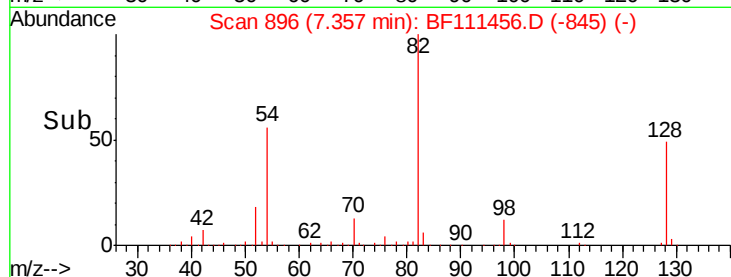
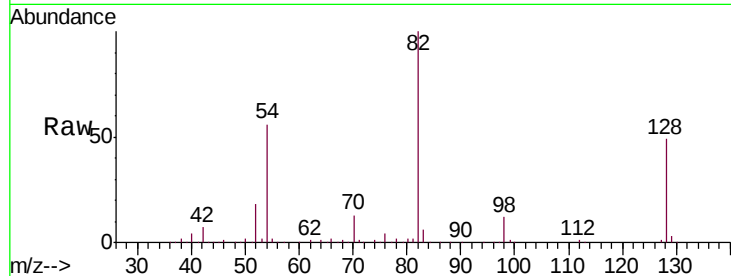




#23
Nitrobenzene-d5
Concen: 90.352 ng
RT: 7.36 min Scan# 896
Delta R.T. 0.00 min
Lab File: BF111456.D
Acq: 15 Dec 2018 8:58

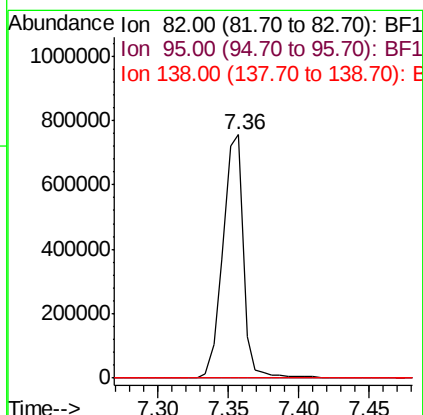
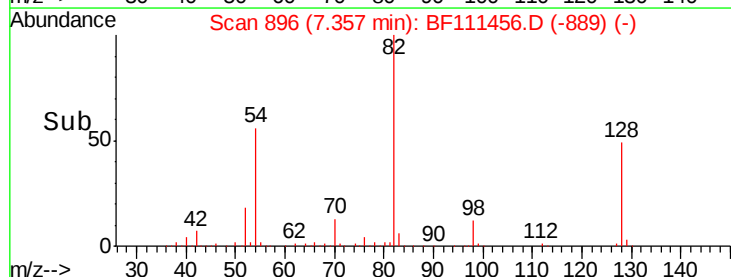
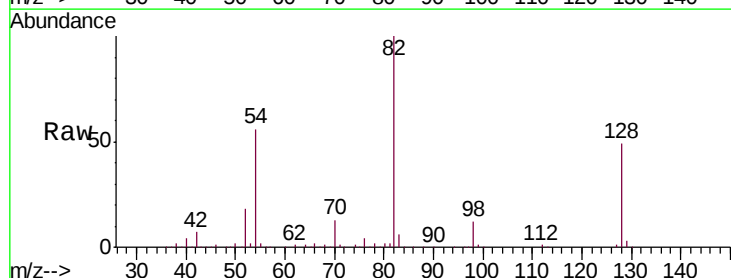
Instrument :
BNA_F
ClientSampleId :
121018-JETT-F-D-B

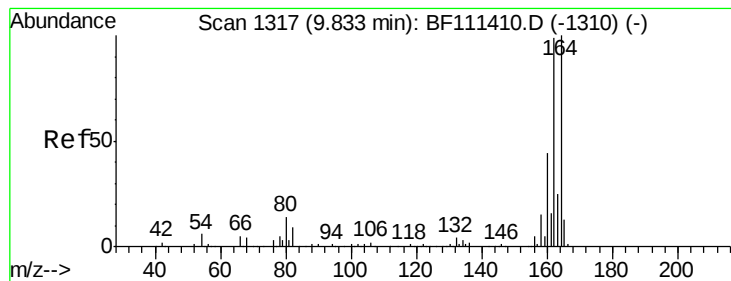
Tgt Ion: 82 Resp: 767958
Ion Ratio Lower Upper
82 100
128 48.9 37.4 56.2
54 56.3 47.6 71.4



#25
Isophorone
Concen: 53.398 ng
RT: 7.36 min Scan# 896
Delta R.T. -0.26 min
Lab File: BF111456.D
Acq: 15 Dec 2018 8:58

Tgt Ion: 82 Resp: 767945
Ion Ratio Lower Upper
82 100
95 0.0 5.4 8.2#
138 0.0 15.1 22.7#





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.83 min Scan# 1316

Delta R.T. -0.01 min

Lab File: BF111456.D

Acq: 15 Dec 2018 8:58

Instrument :

BNA_F

ClientSampleId :

121018-JETT-F-D-B

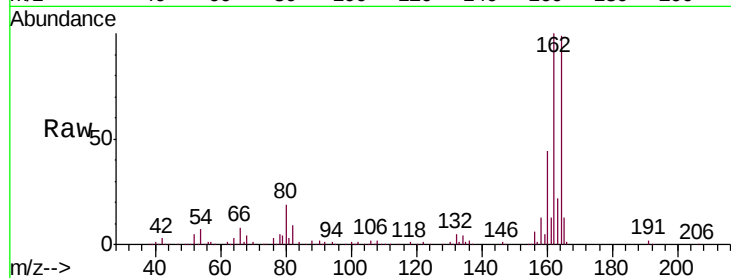
Tgt Ion:164 Resp: 192107

Ion Ratio Lower Upper

164 100

162 100.6 81.4 122.0

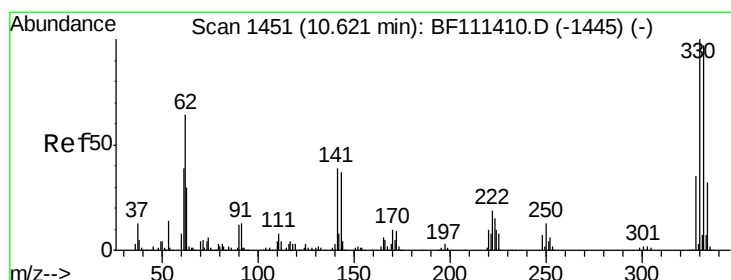
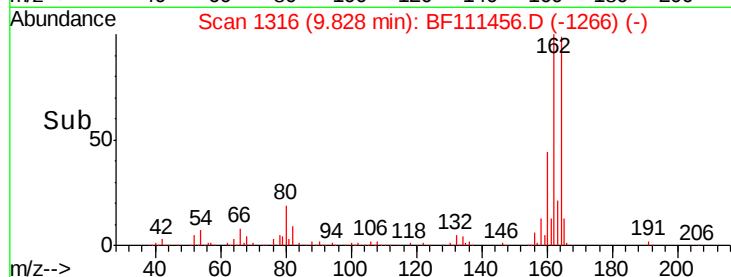
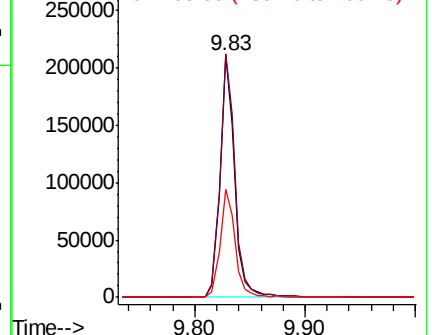
160 44.7 35.7 53.5



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: 75.103 ng

RT: 10.62 min Scan# 1450

Delta R.T. -0.01 min

Lab File: BF111456.D

Acq: 15 Dec 2018 8:58

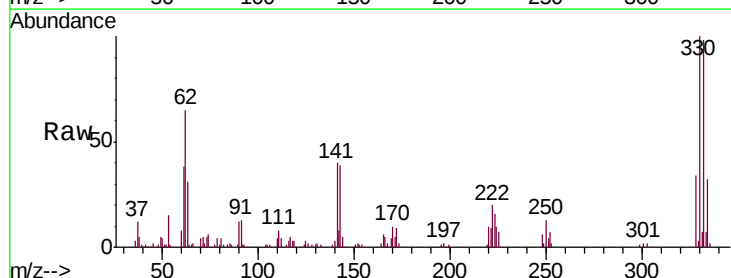
Tgt Ion:330 Resp: 129242

Ion Ratio Lower Upper

330 100

332 95.3 76.0 114.0

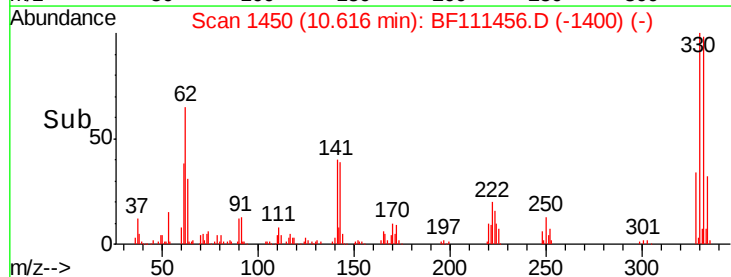
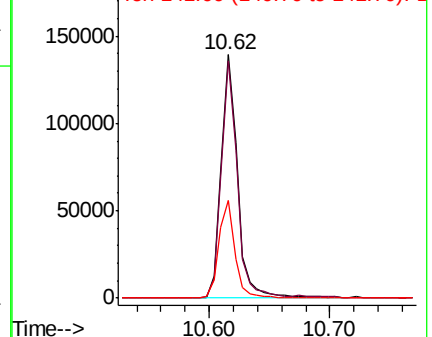
141 39.3 31.0 46.6

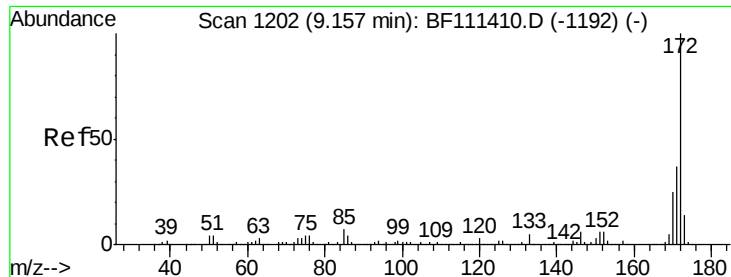


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

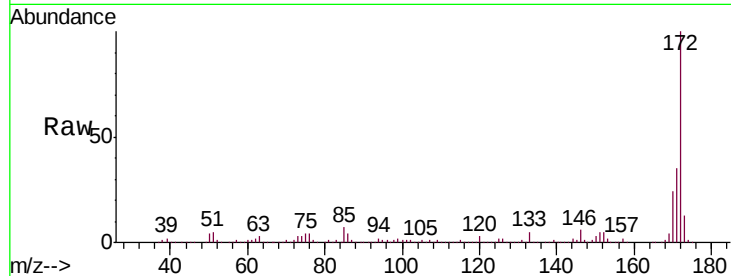




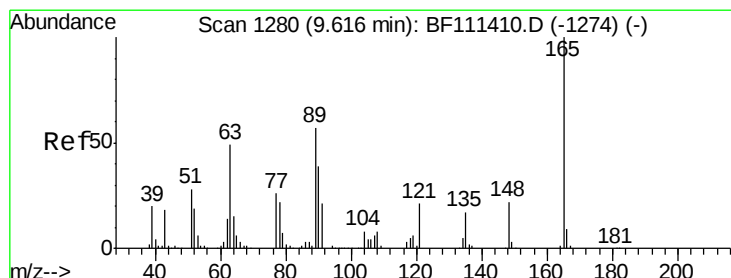
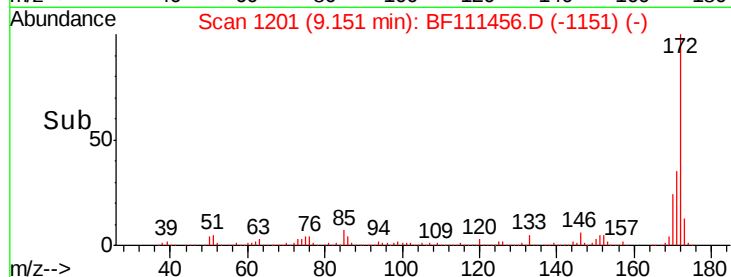
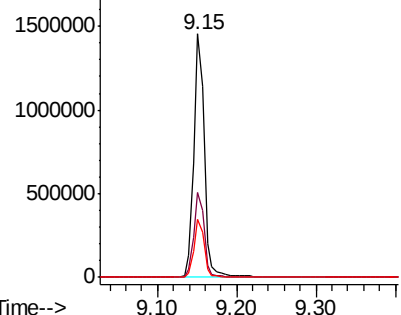
#45
 2-Fluorobiphenyl
 Concen: 109.117 ng
 RT: 9.15 min Scan# 1201
 Delta R.T. -0.01 min
 Lab File: BF111456.D
 Acq: 15 Dec 2018 8:58

Instrument :
 BNA_F
 ClientSampleId :
 121018-JETT-F-D-B

Tgt Ion:172 Resp: 1357086
 Ion Ratio Lower Upper
 172 100
 171 34.9 33.0 49.4
 170 23.9 22.3 33.5

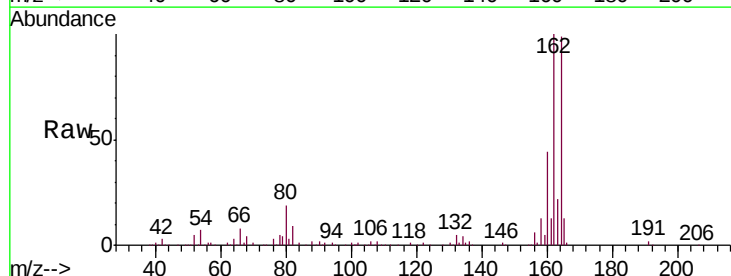


Abundance Ion 172.00 (171.70 to 172.70): E
 2000000 Ion 171.00 (170.70 to 171.70): E
 Ion 170.00 (169.70 to 170.70): E

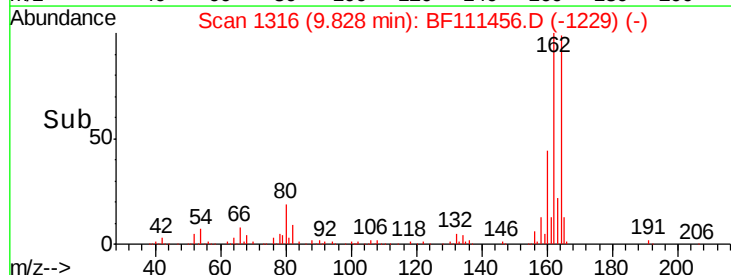
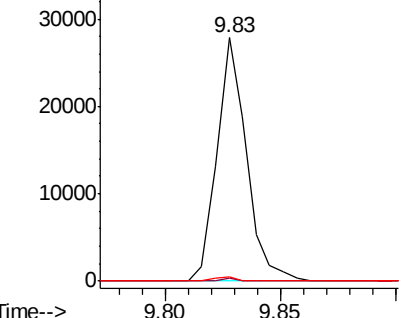


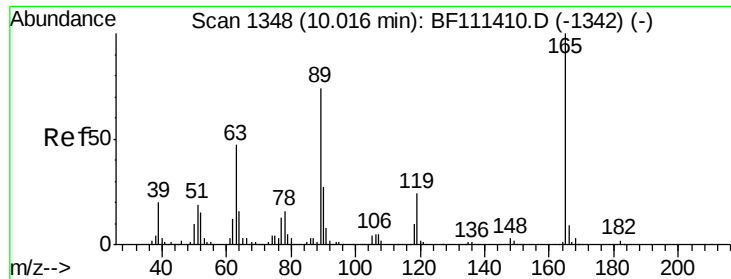
#51
 2,6-Dinitrotoluene
 Concen: 7.936 ng
 RT: 9.83 min Scan# 1316
 Delta R.T. 0.21 min
 Lab File: BF111456.D
 Acq: 15 Dec 2018 8:58

Tgt Ion:165 Resp: 24714
 Ion Ratio Lower Upper
 165 100
 63 1.2 40.5 60.7#
 89 1.8 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

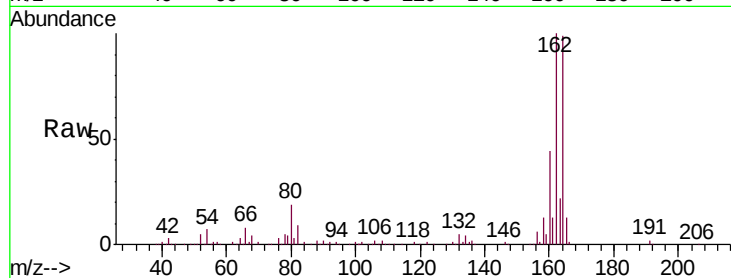




#57
2,4-Dinitrotoluene
Concen: 6.046 ng
RT: 9.83 min Scan# 1316
Delta R.T. -0.19 min
Lab File: BF111456.D
Acq: 15 Dec 2018 8:58

Instrument :
BNA_F
ClientSampleId :
121018-JETT-F-D-B

Tgt Ion	Ratio	Lower	Upper
165	100		
63	1.2	34.6	52.0#
89	1.8	56.2	84.4#
182	0.0	1.8	2.6#

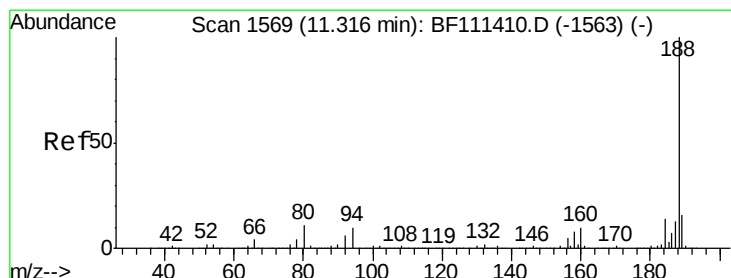
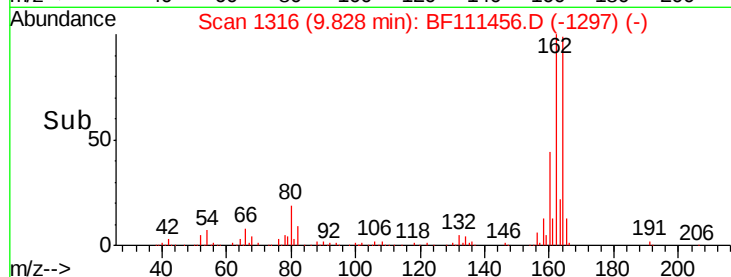
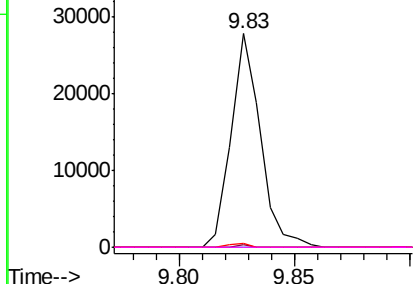


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF1

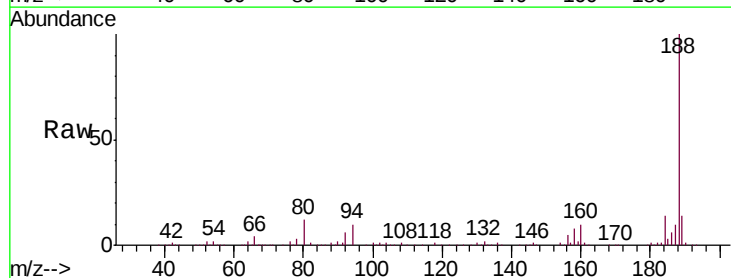
Ion 89.00 (88.70 to 89.70): BF1

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: BF111456.D
Acq: 15 Dec 2018 8:58

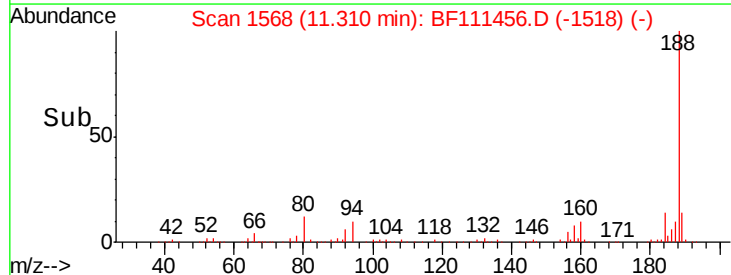
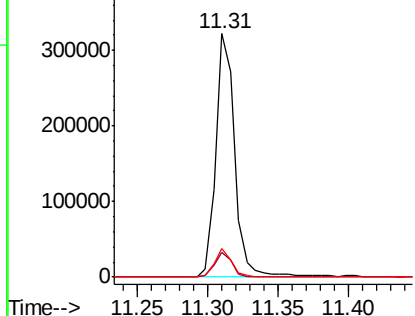
Tgt Ion	Ratio	Lower	Upper
188	100		
94	10.0	9.6	14.4
80	11.7	9.8	14.6

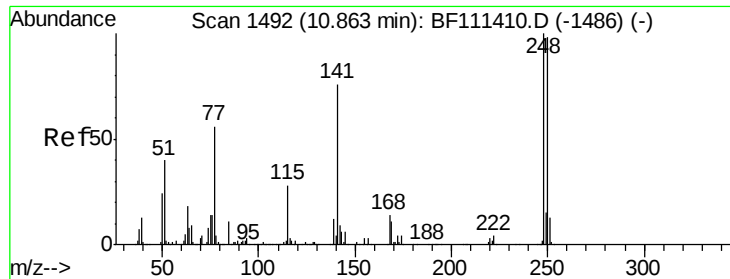


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF1

Ion 80.00 (79.70 to 80.70): BF1

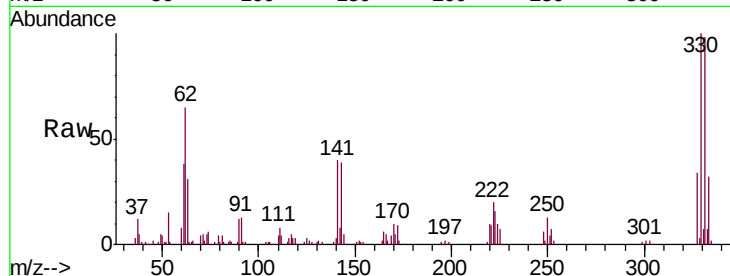




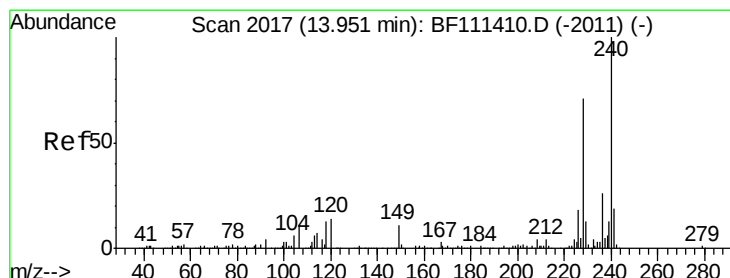
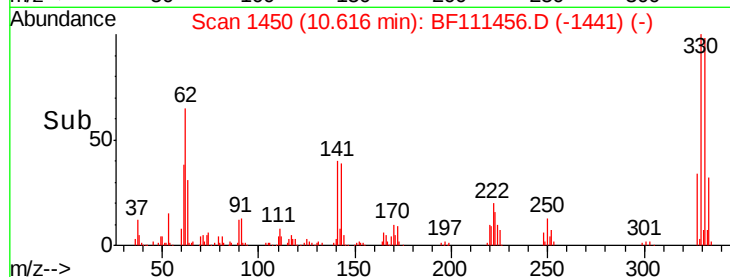
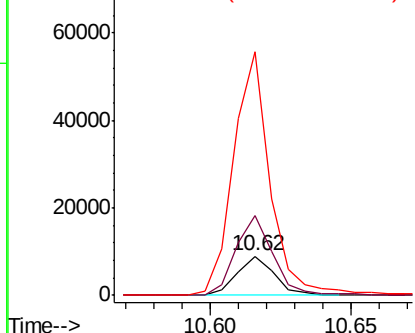
#67
4-Bromophenyl-phenylether
Concen: 2.481 ng
RT: 10.62 min Scan# 1450
Delta R.T. -0.25 min
Lab File: BF111456.D
Acq: 15 Dec 2018 8:58

Instrument :
BNA_F
ClientSampleId :
121018-JETT-F-D-B

Tgt Ion:248 Resp: 8062
Ion Ratio Lower Upper
248 100
250 204.1 77.0 115.4#
141 621.5 63.0 94.6#

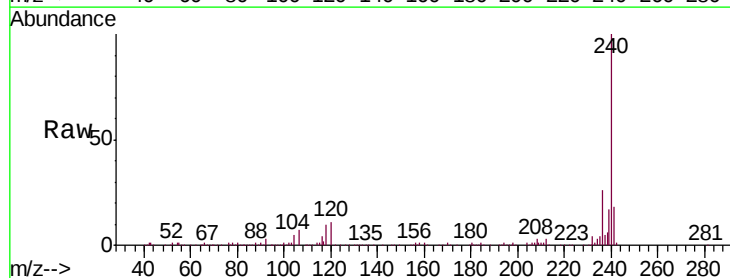


Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

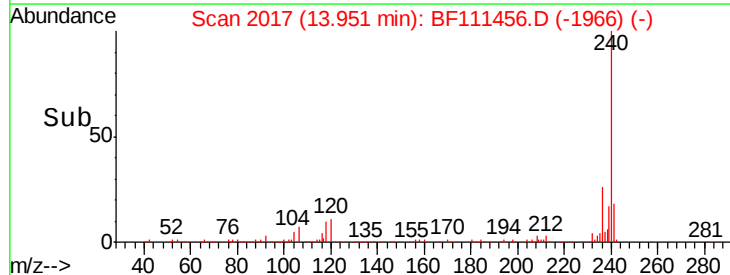
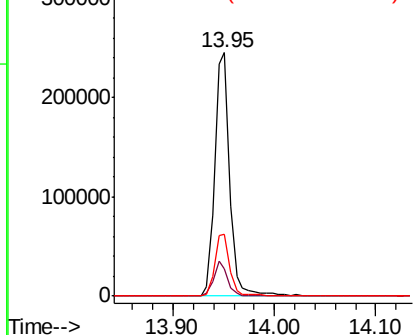


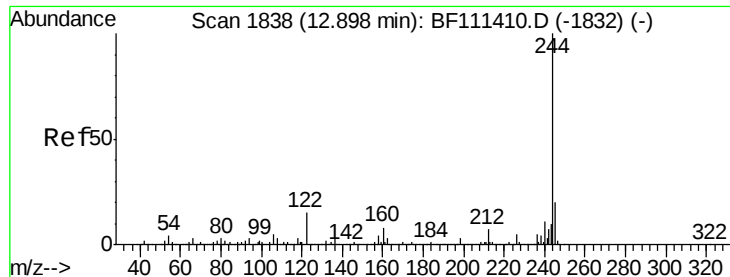
#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.95 min Scan# 2017
Delta R.T. 0.00 min
Lab File: BF111456.D
Acq: 15 Dec 2018 8:58

Tgt Ion:240 Resp: 253704
Ion Ratio Lower Upper
240 100
120 11.0 12.2 18.2#
236 25.6 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





#79

Terphenyl-d14

Concen: 98.982 ng

RT: 12.90 min Scan# 1838

Delta R.T. 0.00 min

Lab File: BF111456.D

Acq: 15 Dec 2018 8:58

Instrument :

BNA_F

ClientSampleId :

121018-JETT-F-D-B

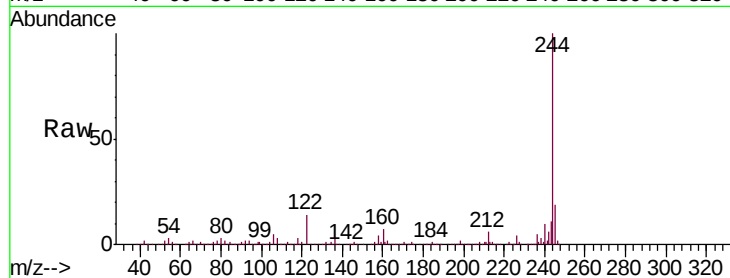
Tgt Ion:244 Resp: 1069403

Ion Ratio Lower Upper

244 100

212 6.5 5.7 8.5

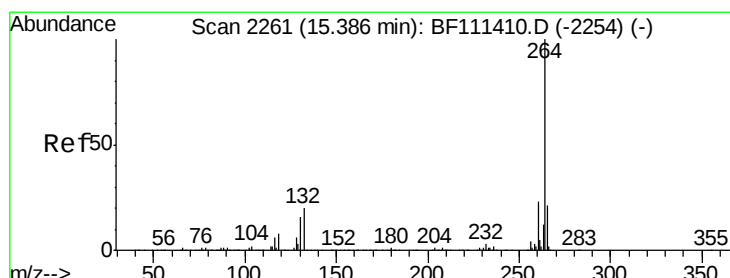
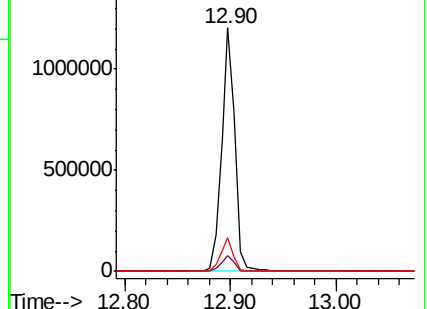
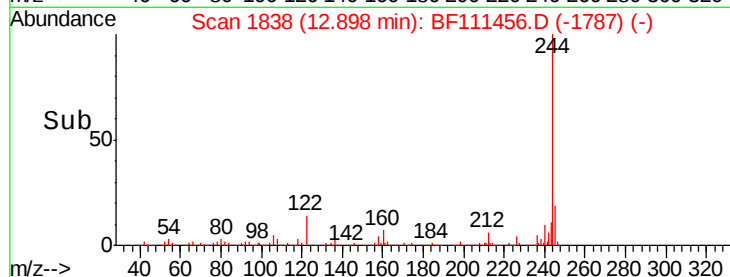
122 13.8 13.1 19.7



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. 0.00 min

Lab File: BF111456.D

Acq: 15 Dec 2018 8:58

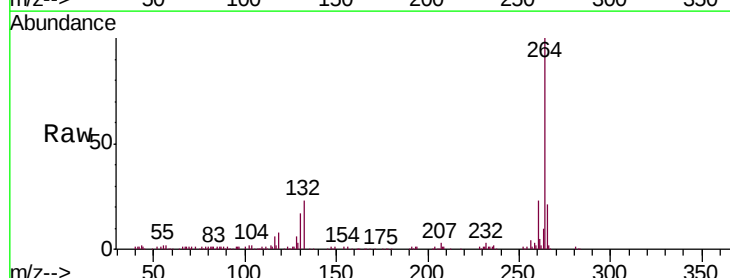
Tgt Ion:264 Resp: 170796

Ion Ratio Lower Upper

264 100

260 23.1 18.3 27.5

265 21.0 17.7 26.5



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

