

Data Path : Z:\HPCHEM1\BNA F\DATA\BF121917\
 Data File : BF101555.D
 Acq On : 20 Dec 2017 7:11
 Operator : SJ/JU
 Sample : I6956-07
 Misc :
 ALS Vial : 38 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 121417-JETT-E-D-B

Quant Time: Dec 20 07:52:07 2017
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF121417.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Dec 18 15:38:59 2017
 Response via : Initial Calibration

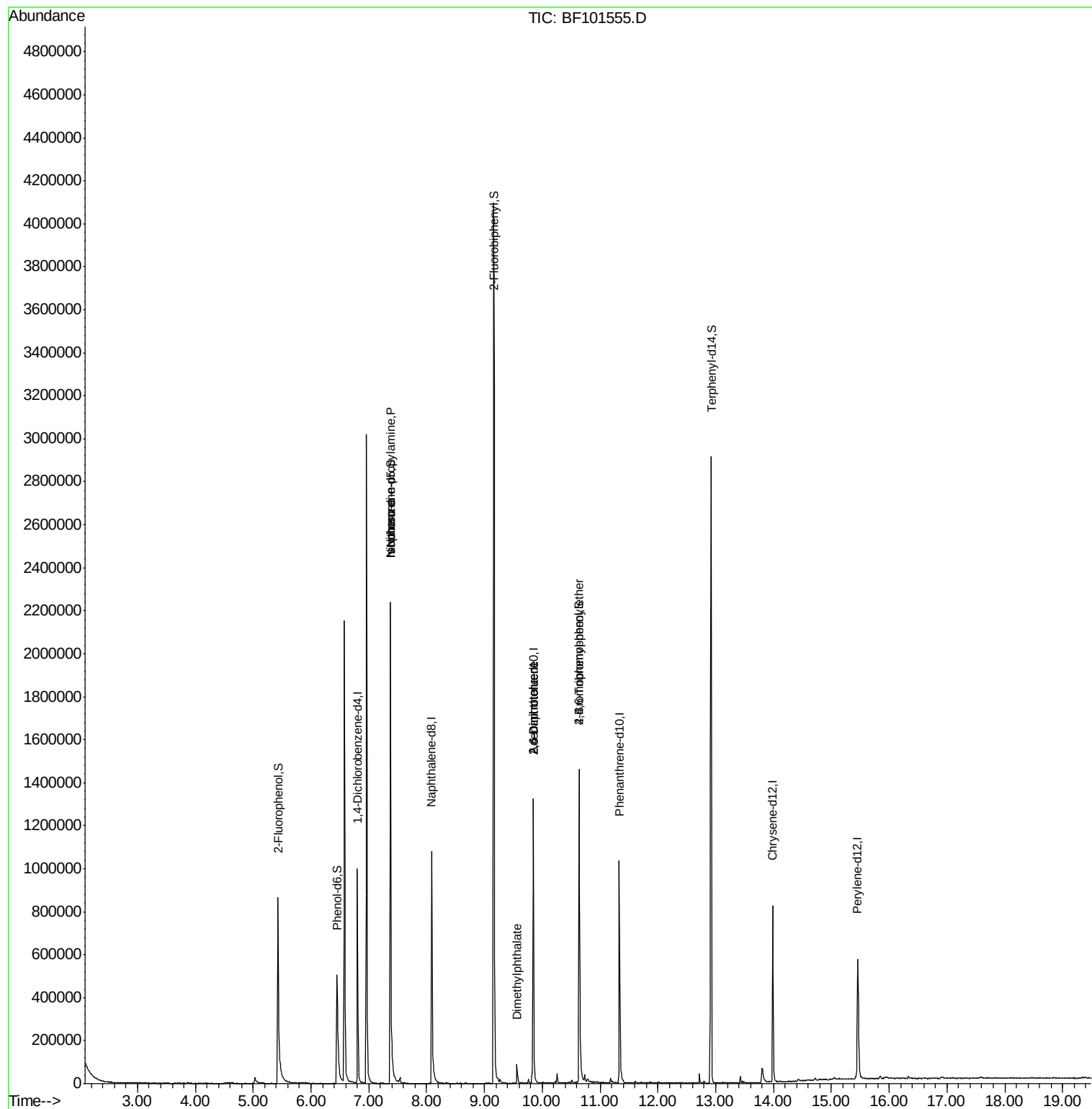
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.80	152	158124	20.00	ng	0.00
21) Naphthalene-d8	8.09	136	645591	20.00	ng	0.00
38) Acenaphthene-d10	9.85	164	280080	20.00	ng	0.00
63) Phenanthrene-d10	11.34	188	476910	20.00	ng	0.00
75) Chrysene-d12	13.99	240	316921	20.00	ng	0.00
86) Perylene-d12	15.46	264	335259	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.43	112	391267	36.86	ng	0.00
7) Phenol-d6	6.45	99	294057	22.26	ng	0.00
23) Nitrobenzene-d5	7.37	82	934890	80.61	ng	0.00
41) 2,4,6-Tribromophenol	10.64	330	207336	76.83	ng	0.00
44) 2-Fluorobiphenyl	9.16	172	1492419	82.66	ng	0.00
78) Terphenyl-d14	12.92	244	1098751	83.58	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propylamine	7.37	70	125583	14.47	ng	# 81
25) Isophorone	7.37	82	934890	40.18	ng	# 64
49) Dimethylphthalate	9.56	163	48285	2.14	ng	# 99
50) 2,6-Dinitrotoluene	9.85	165	35281	7.71	ng	# 25
56) 2,4-Dinitrotoluene	9.85	165	35281	6.84	ng	# 23
66) 4-Bromophenyl-phenylether	10.64	248	13348	2.49	ng	# 1

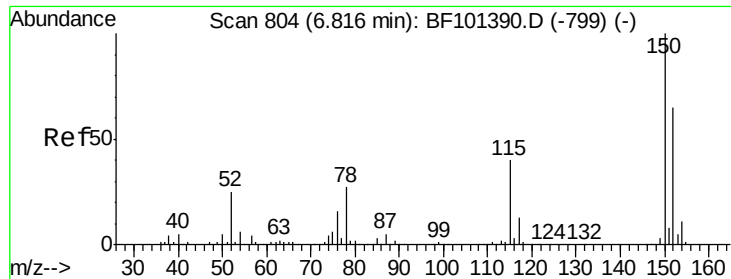
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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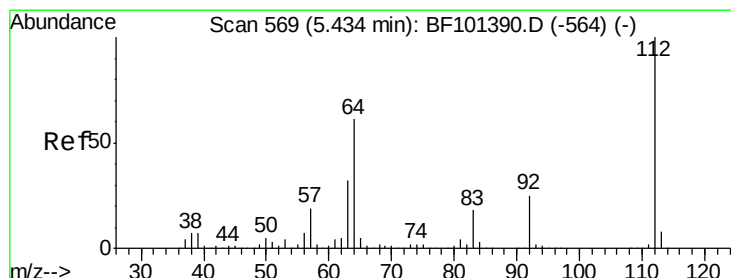
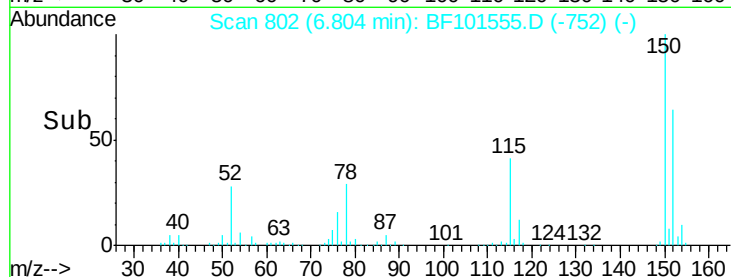
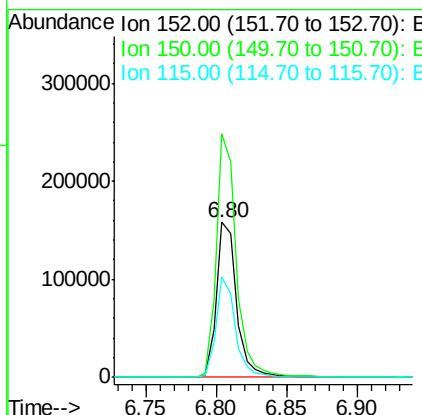
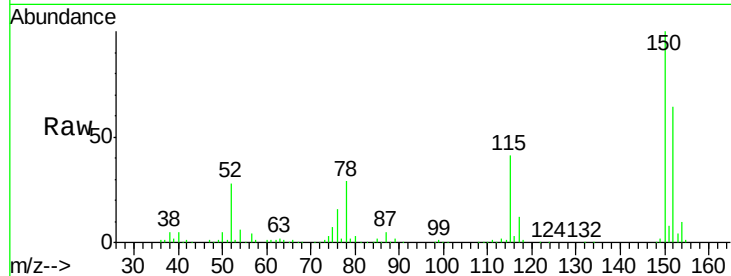




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.00 ng
 RT: 6.80 min Scan# 802
 Delta R.T. -0.01 min
 Lab File: BF101555.D
 Acq: 20 Dec 2017 7:11

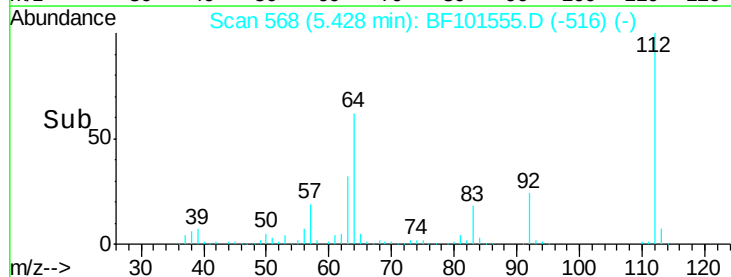
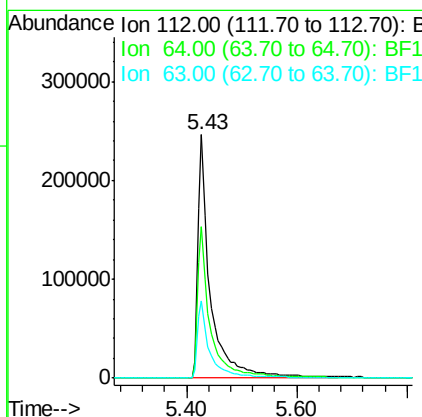
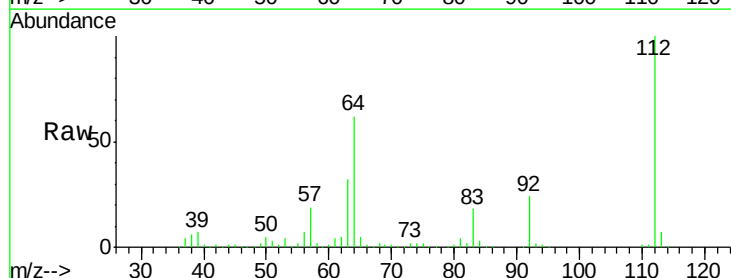
Instrument :
 BNA_F
 ClientSampleId :
 121417-JETT-E-D-B

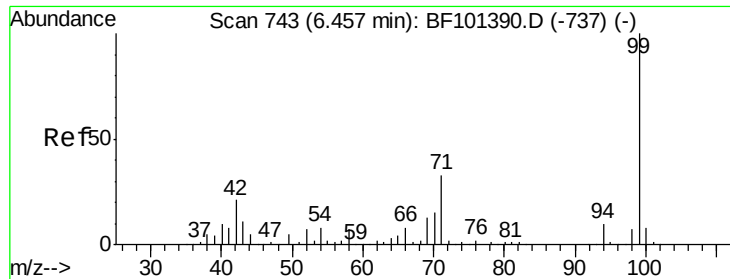
Tot Ion:152 Resp: 158124
 Ion Ratio Lower Upper
 152 100
 150 157.3 124.6 186.8
 115 64.9 50.1 75.1



#5
 2-Fluorophenol
 Concen: 36.86 ng
 RT: 5.43 min Scan# 568
 Delta R.T. 0.01 min
 Lab File: BF101555.D
 Acq: 20 Dec 2017 7:11

Tgt Ion:112 Resp: 391267
 Ion Ratio Lower Upper
 112 100
 64 62.1 47.9 71.9
 63 31.8 23.7 35.5





#7

Phenol-d6

Concen: 22.26 ng

RT: 6.45 min Scan# 742

Delta R.T. -0.00 min

Lab File: BF101555.D

Acq: 20 Dec 2017 7:11

Instrument :

BNA_F

ClientSampleId :

121417-JETT-E-D-B

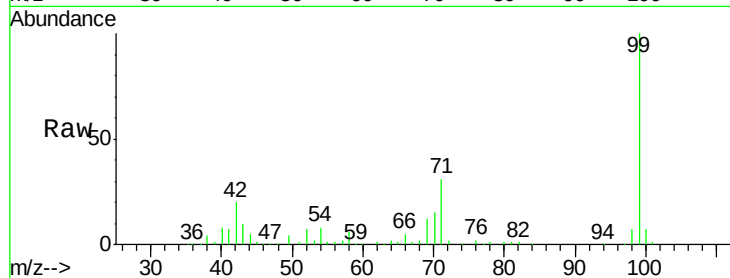
Tot Ion: 99 Resp: 294057

Ion Ratio Lower Upper

99 100

42 20.3 14.5 21.7

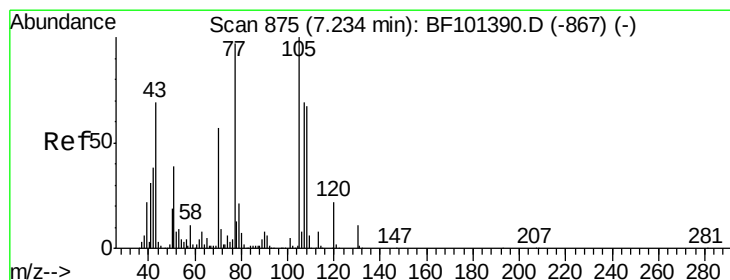
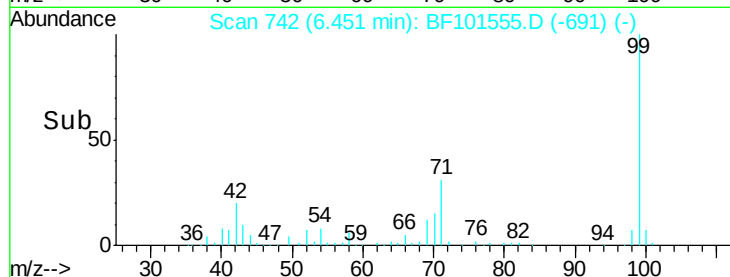
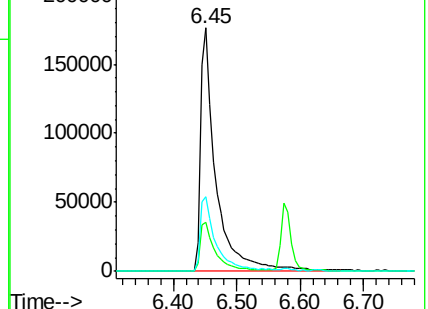
71 30.9 25.4 38.0



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: 14.47 ng

RT: 7.37 min Scan# 899

Delta R.T. 0.15 min

Lab File: BF101555.D

Acq: 20 Dec 2017 7:11

Tgt Ion: 70 Resp: 125583

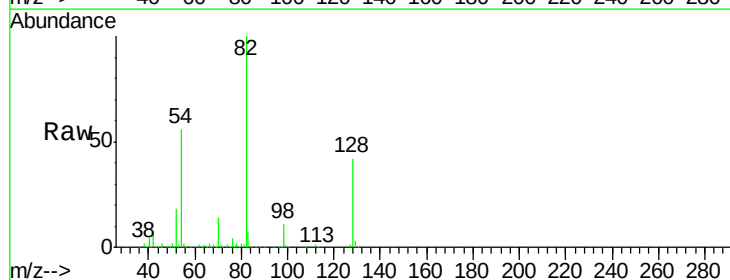
Ion Ratio Lower Upper

70 100

42 51.8 47.5 71.3

101 0.0 7.4 11.2#

130 2.1 16.6 25.0#

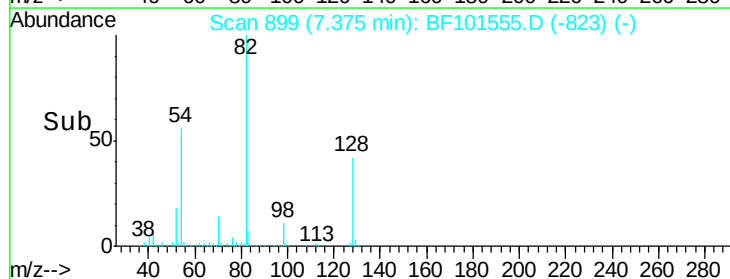
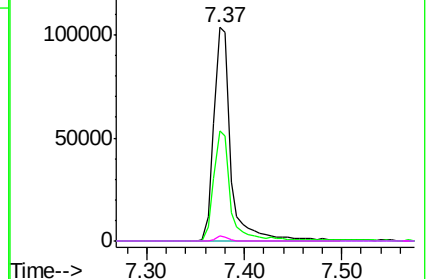


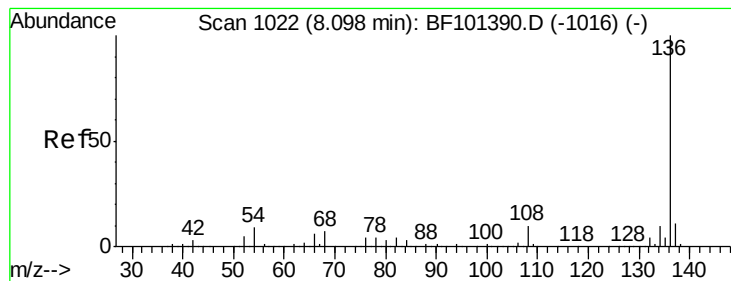
Abundance Ion 70.00 (69.70 to 70.70): BF1

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: 20.00 ng

RT: 8.09 min Scan# 1020

Delta R.T. -0.01 min

Lab File: BF101555.D

Acq: 20 Dec 2017 7:11

Instrument :

BNA_F

ClientSampleId :

121417-JETT-E-D-B

Tot Ion:136 Resp: 645591

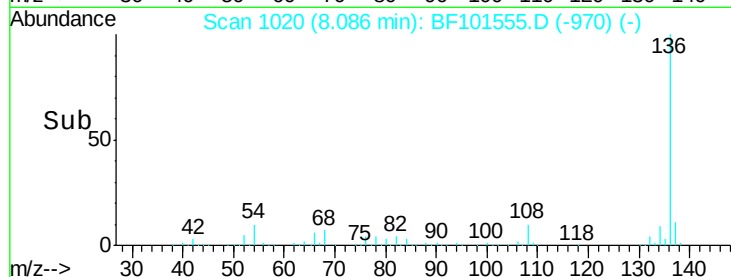
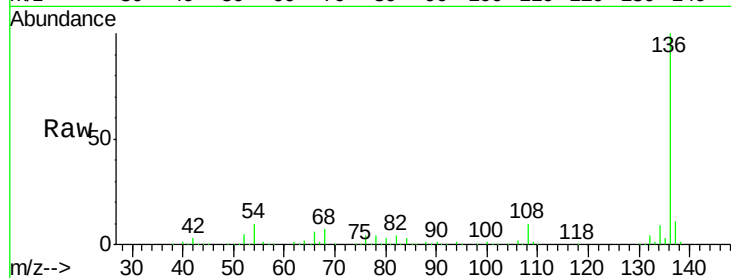
Ion Ratio Lower Upper

136 100

137 11.0 8.9 13.3

54 9.8 6.6 9.8

68 7.2 5.0 7.4

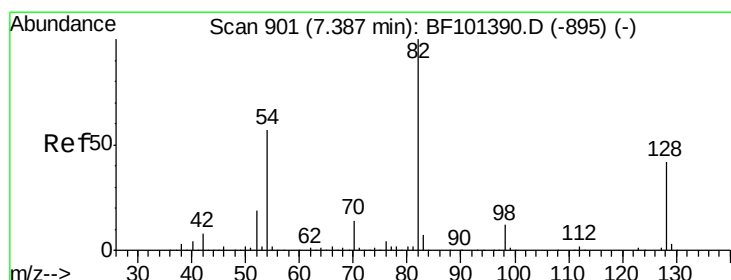
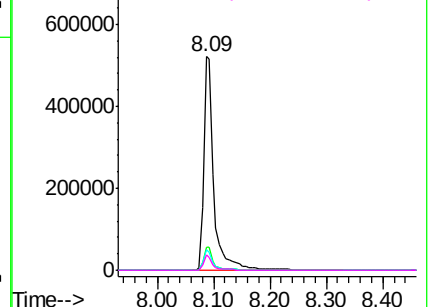


Abundance Ion 136.00 (135.70 to 136.70): E

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: 80.61 ng

RT: 7.37 min Scan# 899

Delta R.T. -0.01 min

Lab File: BF101555.D

Acq: 20 Dec 2017 7:11

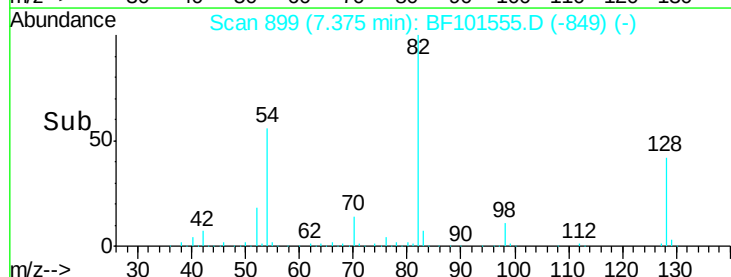
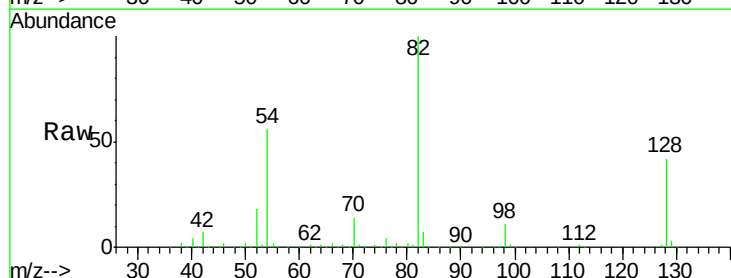
Tgt Ion: 82 Resp: 934890

Ion Ratio Lower Upper

82 100

128 41.6 36.1 54.1

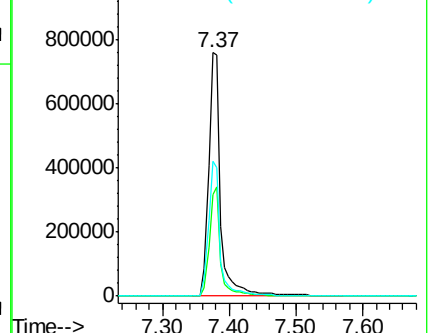
54 55.5 41.4 62.2

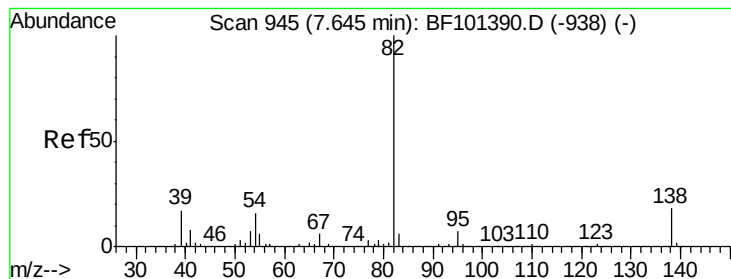


Abundance Ion 82.00 (81.70 to 82.70): BF1

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BF1





#25

Isophorone

Concen: 40.18 ng

RT: 7.37 min Scan# 899

Delta R.T. -0.26 min

Lab File: BF101555.D

Acq: 20 Dec 2017 7:11

Instrument :

BNA_F

ClientSampleId :

121417-JETT-E-D-B

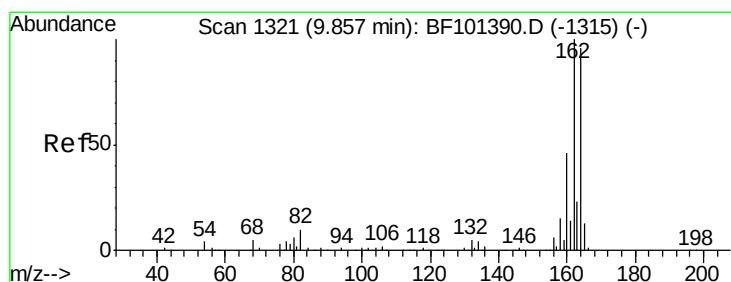
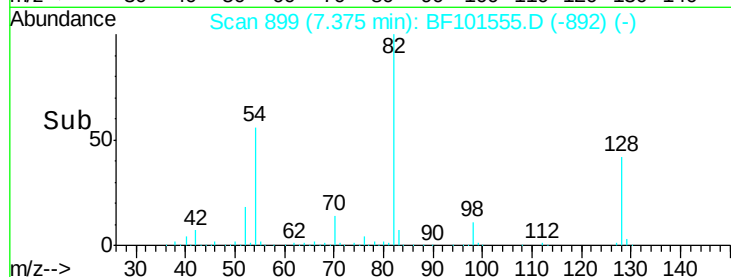
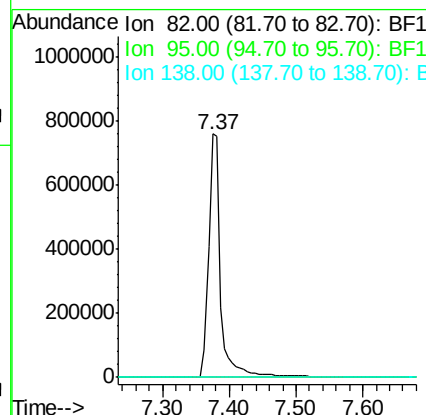
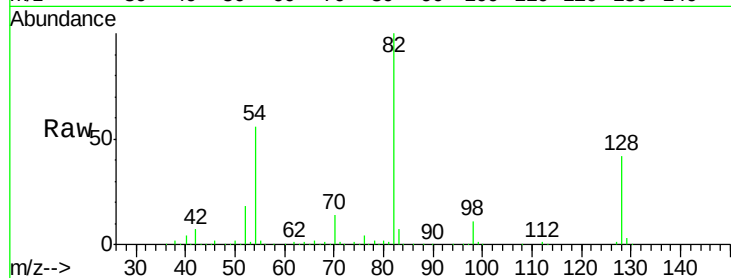
Tot Ion: 82 Resp: 934890

Ion Ratio Lower Upper

82 100

95 0.0 5.2 7.8#

138 0.0 14.9 22.3#



#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 9.85 min Scan# 1319

Delta R.T. -0.00 min

Lab File: BF101555.D

Acq: 20 Dec 2017 7:11

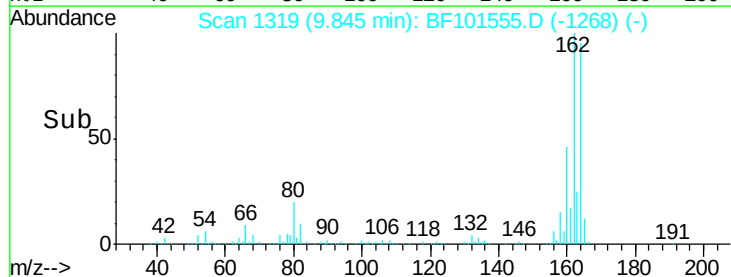
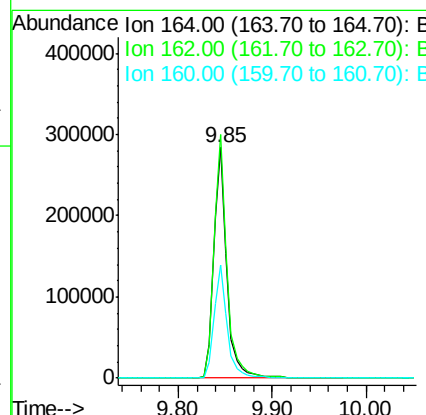
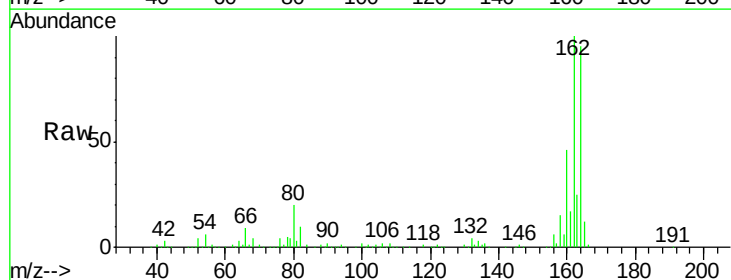
Tgt Ion: 164 Resp: 280080

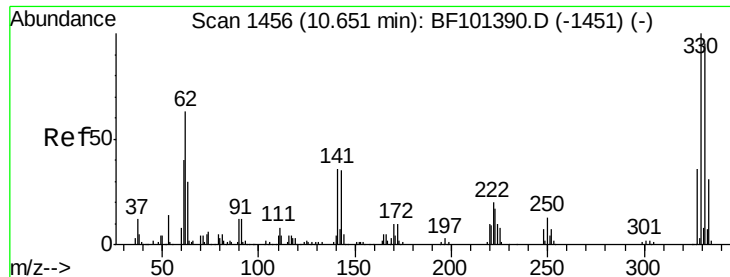
Ion Ratio Lower Upper

164 100

162 105.5 86.1 129.1

160 48.8 38.3 57.5

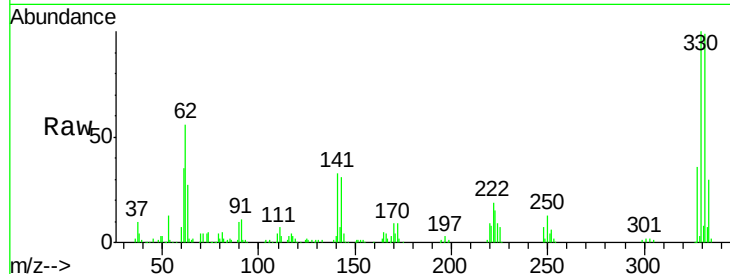




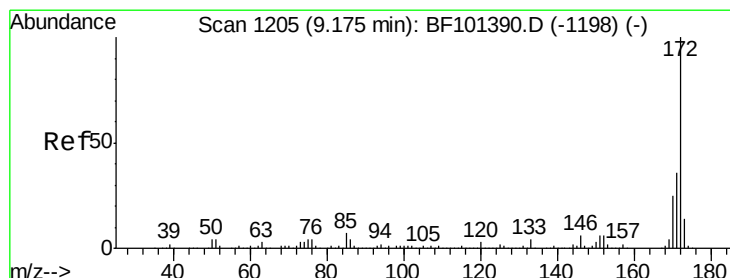
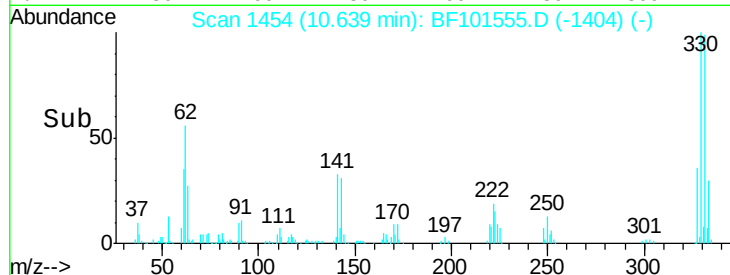
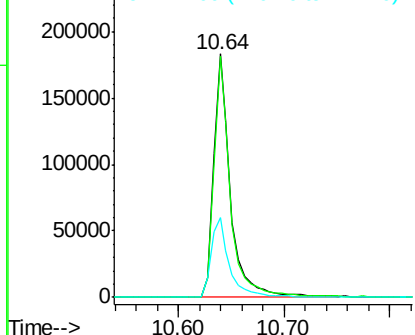
#41
 2,4,6-Tribromophenol
 Concen: 76.83 ng
 RT: 10.64 min Scan# 1454
 Delta R.T. -0.01 min
 Lab File: BF101555.D
 Acq: 20 Dec 2017 7:11

Instrument :
 BNA_F
 ClientSampleId :
 121417-JETT-E-D-B

Tot Ion	Ratio	Lower	Upper
330	100		
332	97.5	77.0	115.6
141	35.8	29.9	44.9

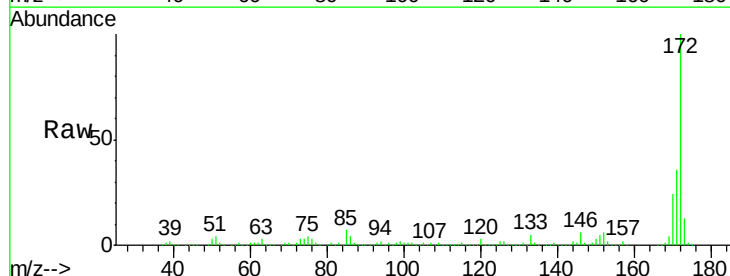


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

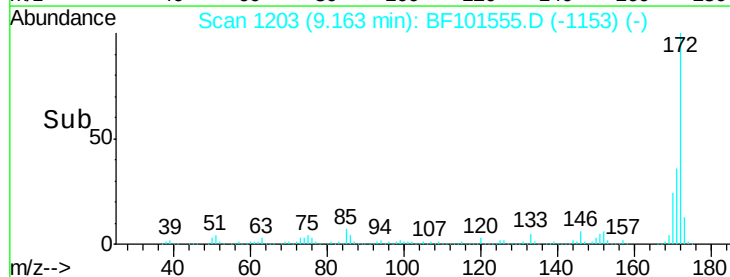
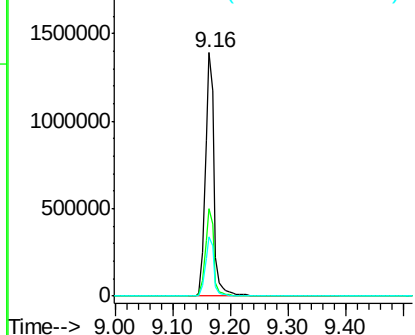


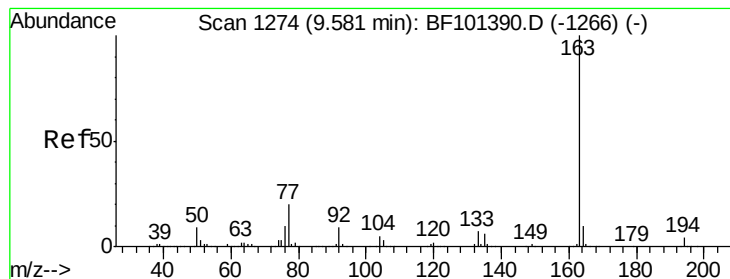
#44
 2-Fluorobiphenyl
 Concen: 82.66 ng
 RT: 9.16 min Scan# 1203
 Delta R.T. -0.01 min
 Lab File: BF101555.D
 Acq: 20 Dec 2017 7:11

Tgt Ion	Ratio	Lower	Upper
172	100		
171	36.1	29.7	44.5
170	24.4	19.6	29.4



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





#49

Dimethylphthalate

Concen: 2.14 ng

RT: 9.56 min Scan# 1271

Delta R.T. -0.01 min

Lab File: BF101555.D

Acq: 20 Dec 2017 7:11

Instrument :

BNA_F

ClientSampleId :

121417-JETT-E-D-B

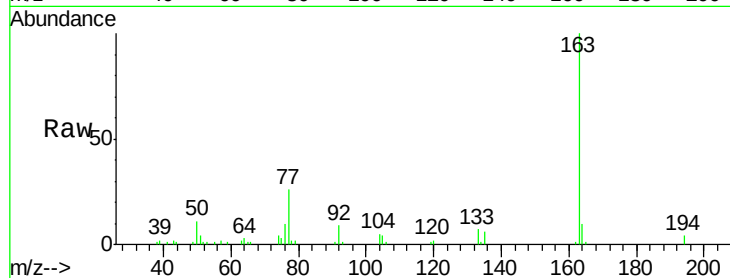
Tot Ion:163 Resp: 48285

Ion Ratio Lower Upper

163 100

194 4.1 2.7 4.1#

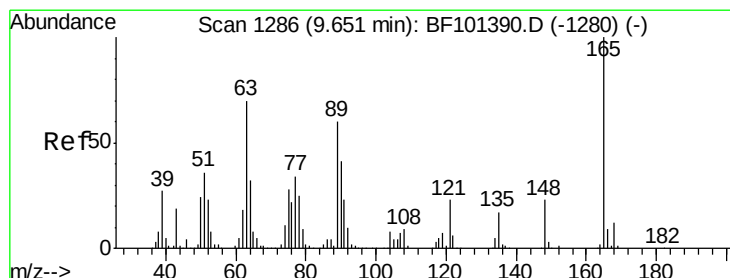
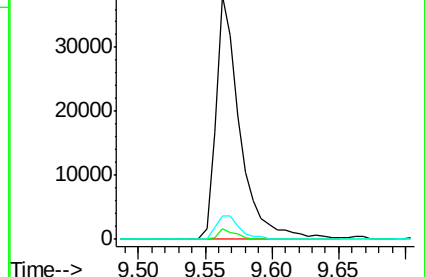
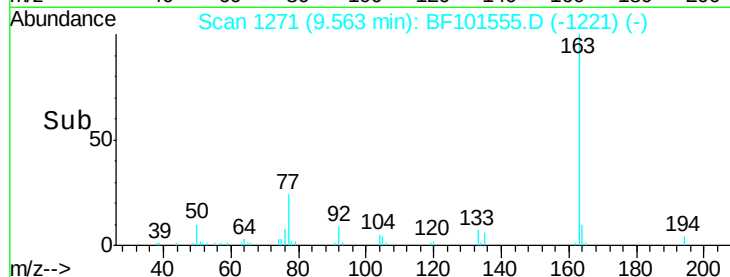
164 9.8 8.2 12.2



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



#50

2,6-Dinitrotoluene

Concen: 7.71 ng

RT: 9.85 min Scan# 1319

Delta R.T. 0.20 min

Lab File: BF101555.D

Acq: 20 Dec 2017 7:11

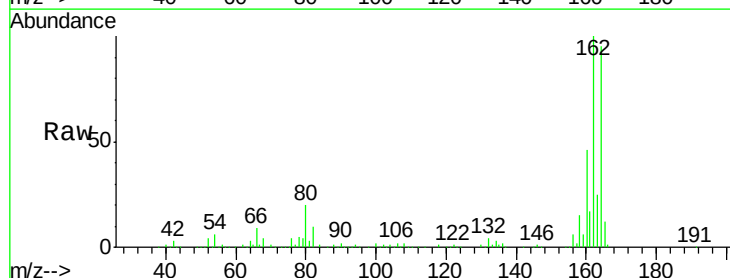
Tgt Ion:165 Resp: 35281

Ion Ratio Lower Upper

165 100

63 1.1 44.7 67.1#

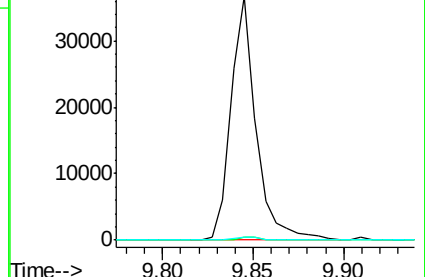
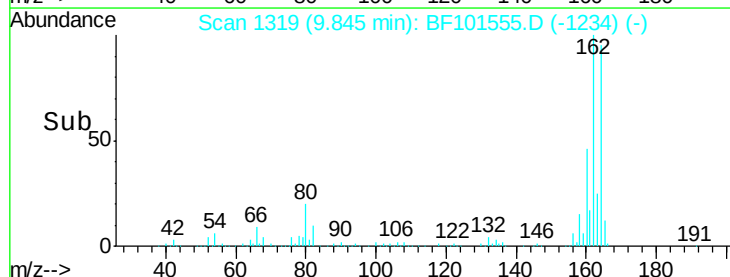
89 1.3 44.0 66.0#

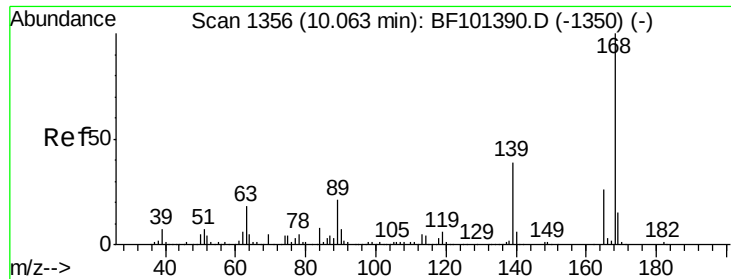


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF1

Ion 89.00 (88.70 to 89.70): BF1

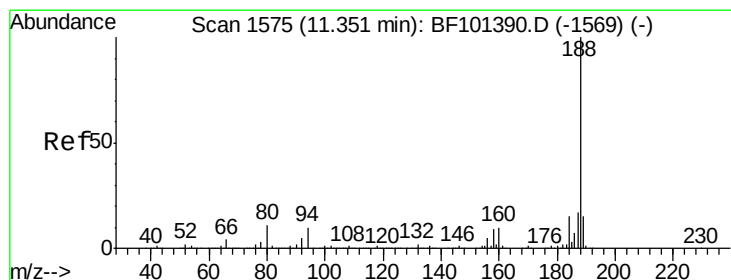
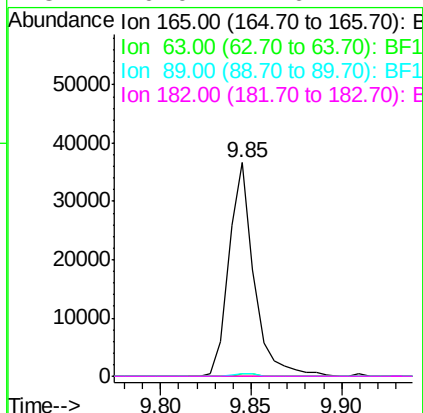
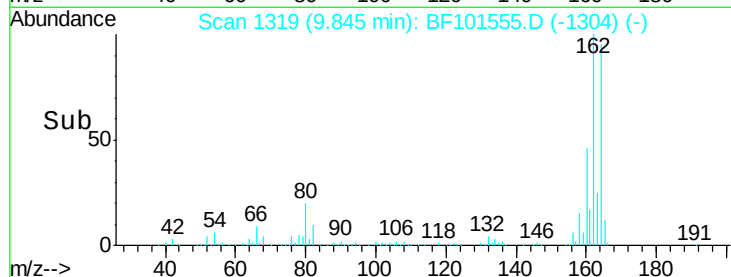
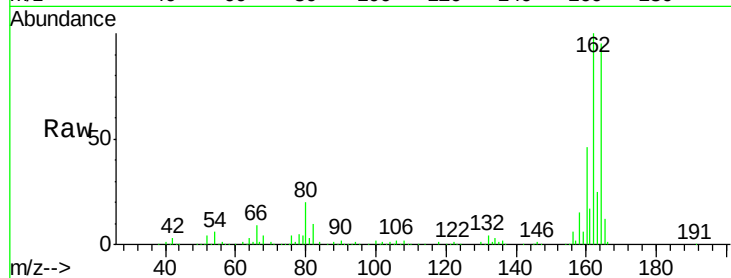




#56
 2,4-Dinitrotoluene
 Concen: 6.84 ng
 RT: 9.85 min Scan# 1319
 Delta R.T. -0.21 min
 Lab File: BF101555.D
 Acq: 20 Dec 2017 7:11

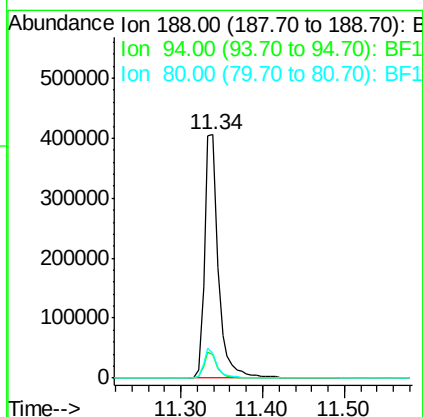
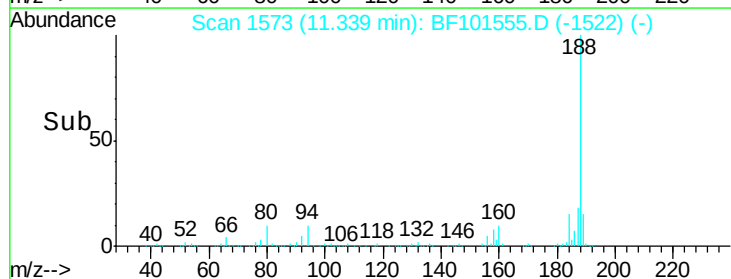
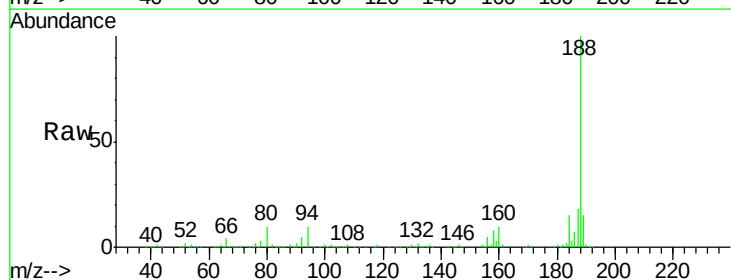
Instrument :
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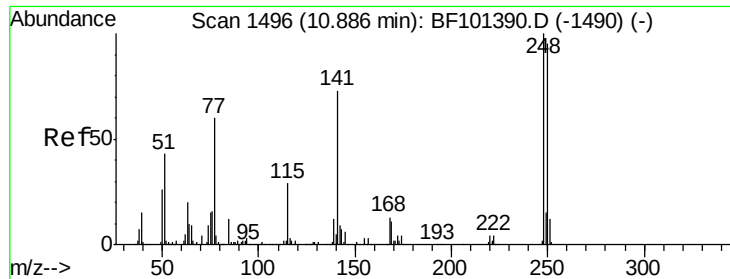
Tot Ion	Ratio	Lower	Upper
165	100		
63	1.1	36.4	54.6#
89	1.3	57.8	86.6#
182	0.0	1.6	2.4#



#63
 Phenanthrene-d10
 Concen: 20.00 ng
 RT: 11.34 min Scan# 1573
 Delta R.T. -0.00 min
 Lab File: BF101555.D
 Acq: 20 Dec 2017 7:11

Tgt Ion	Ratio	Lower	Upper
188	100		
94	9.5	8.5	12.7
80	10.0	9.2	13.8

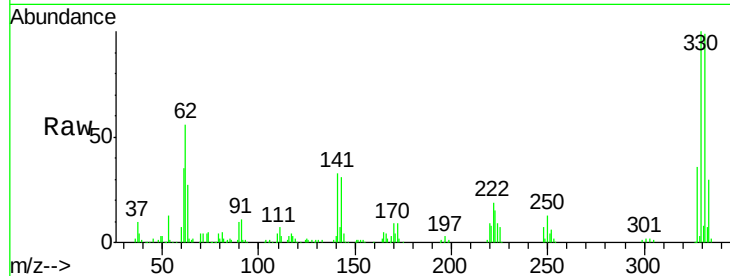




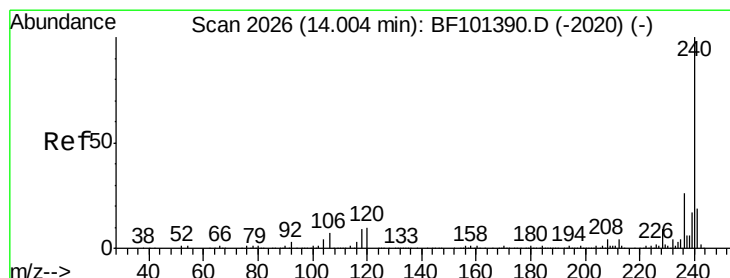
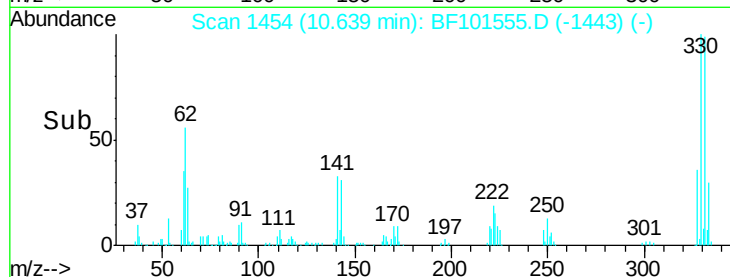
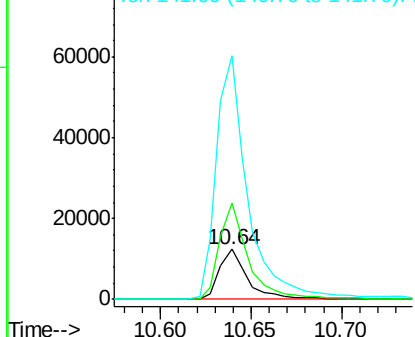
#66
4-Bromophenyl-phenylether
Concen: 2.49 ng
RT: 10.64 min Scan# 1454
Delta R.T. -0.24 min
Lab File: BF101555.D
Acq: 20 Dec 2017 7:11

Instrument :
BNA_F
ClientSampleId :
121417-JETT-E-D-B

Tot Ion:248 Resp: 13348
Ion Ratio Lower Upper
248 100
250 193.1 76.9 115.3#
141 486.7 74.4 111.6#

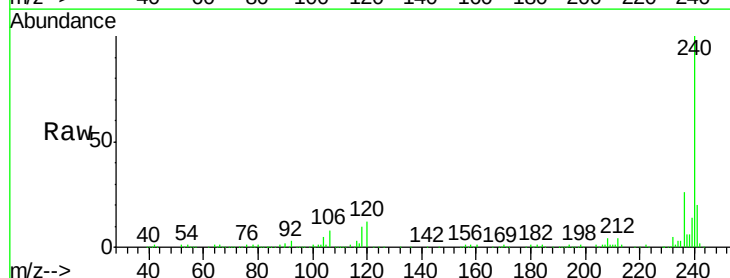


Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

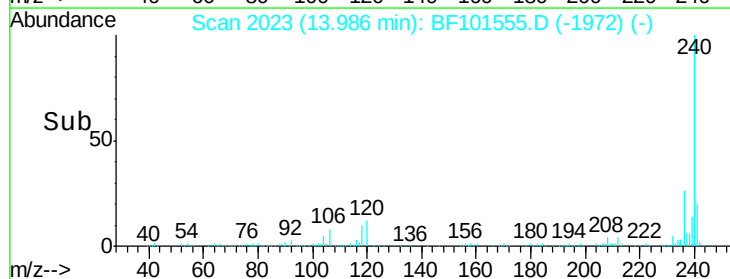
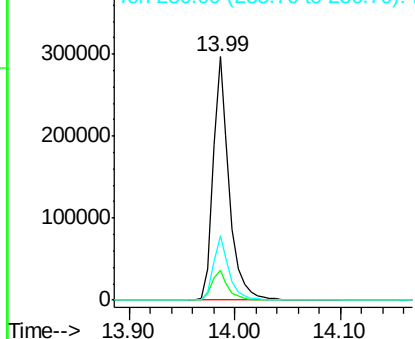


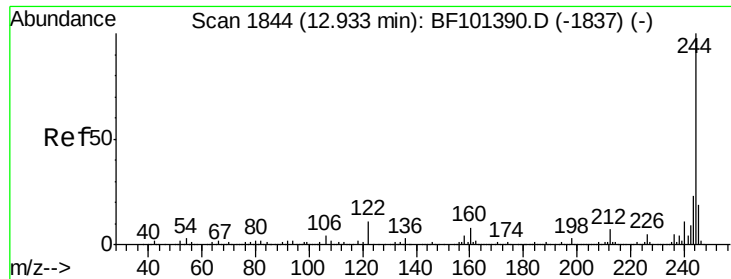
#75
Chrysene-d12
Concen: 20.00 ng
RT: 13.99 min Scan# 2023
Delta R.T. -0.00 min
Lab File: BF101555.D
Acq: 20 Dec 2017 7:11

Tgt Ion:240 Resp: 316921
Ion Ratio Lower Upper
240 100
120 12.0 9.5 14.3
236 26.4 20.7 31.1



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

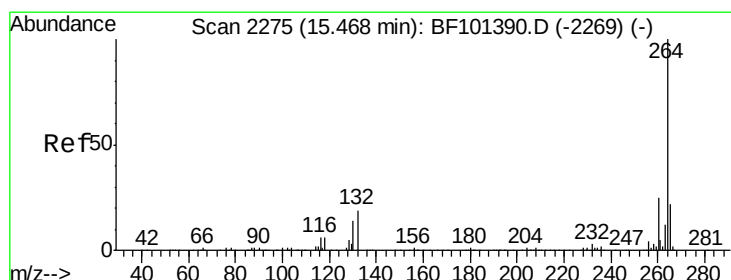
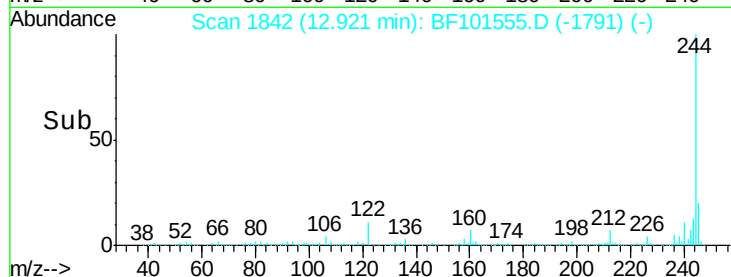
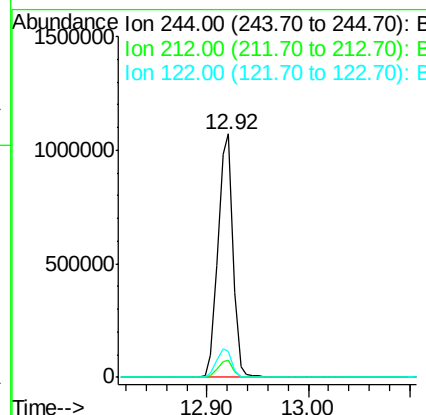
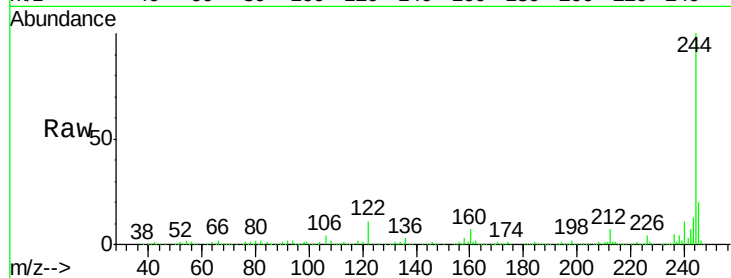




#78
 Terphenyl-d14
 Concen: 83.58 ng
 RT: 12.92 min Scan# 1842
 Delta R.T. -0.00 min
 Lab File: BF101555.D
 Acq: 20 Dec 2017 7:11

Instrument :
 BNA_F
 ClientSampleId :
 121417-JETT-E-D-B

Tot Ion:244 Resp: 1098751
 Ion Ratio Lower Upper
 244 100
 212 6.9 5.4 8.0
 122 10.9 11.0 16.4#



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 15.46 min Scan# 2273
 Delta R.T. 0.01 min
 Lab File: BF101555.D
 Acq: 20 Dec 2017 7:11

Tgt Ion:264 Resp: 335259
 Ion Ratio Lower Upper
 264 100
 260 23.7 19.2 28.8
 265 21.0 17.5 26.3

