

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF091918\
 Data File : BF109157.D
 Acq On : 19 Sep 2018 21:24
 Operator : JU/SJ
 Sample : J4931-09
 Misc :
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 091418-JETT-E-D-B

Quant Time: Sep 20 04:52:08 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF091418.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Sep 14 13:26:52 2018
 Response via : Initial Calibration

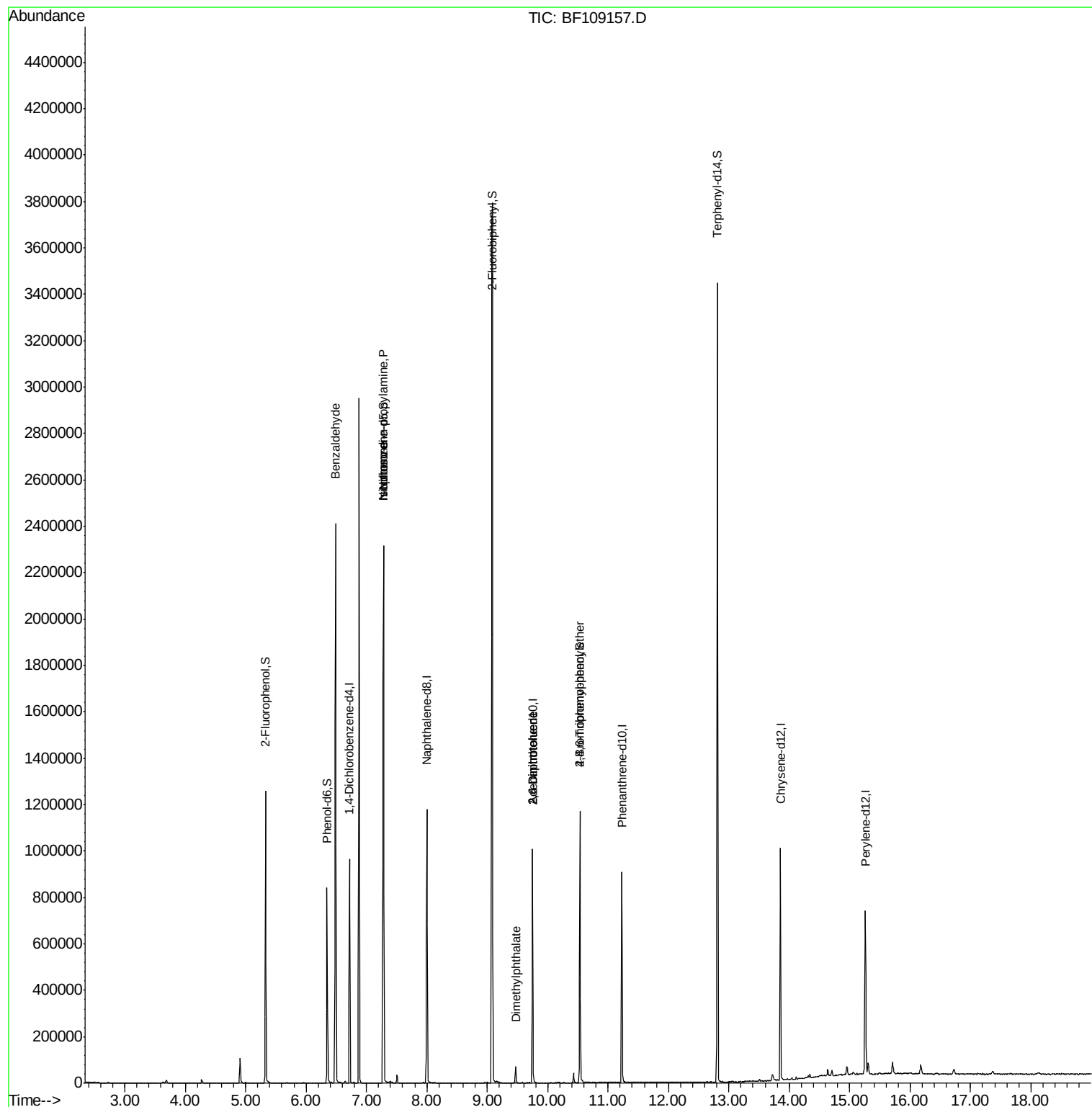
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.72	152	135825	20.00	ng	0.00
21) Naphthalene-d8	8.00	136	487927	20.00	ng	0.00
38) Acenaphthene-d10	9.75	164	204067	20.00	ng	0.00
63) Phenanthrene-d10	11.23	188	338243	20.00	ng	0.00
75) Chrysene-d12	13.85	240	335290	20.00	ng	0.00
86) Perylene-d12	15.26	264	314442	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.33	112	330525	40.42	ng	0.00
7) Phenol-d6	6.35	99	258690	24.53	ng	-0.01
23) Nitrobenzene-d5	7.28	82	778576	89.50	ng	0.00
41) 2,4,6-Tribromophenol	10.54	330	158117	71.40	ng	0.00
44) 2-Fluorobiphenyl	9.08	172	1321837	101.48	ng	0.00
78) Terphenyl-d14	12.81	244	1190861	84.19	ng	0.00
Target Compounds						
9) Benzaldehyde	6.49	77	13848	2.056	ng	# 74
19) n-Nitroso-di-n-propylamine	7.28	70	107051	15.358	ng	# 78
25) Isophorone	7.28	82	773860	51.750	ng	# 64
49) Dimethylphthalate	9.47	163	31365	2.150	ng	# 99
50) 2,6-Dinitrotoluene	9.75	165	25168	7.781	ng	# 25
56) 2,4-Dinitrotoluene	9.75	165	25168	5.950	ng	# 23
66) 4-Bromophenyl-phenylether	10.54	248	9538	2.501	ng	# 1

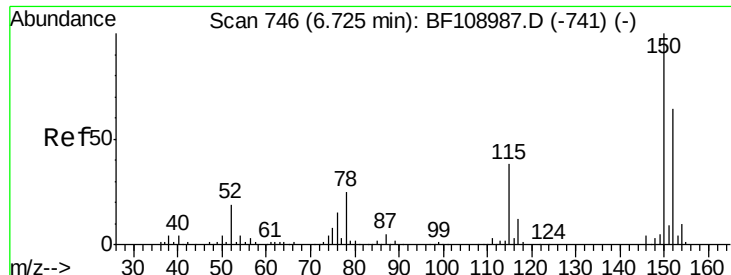
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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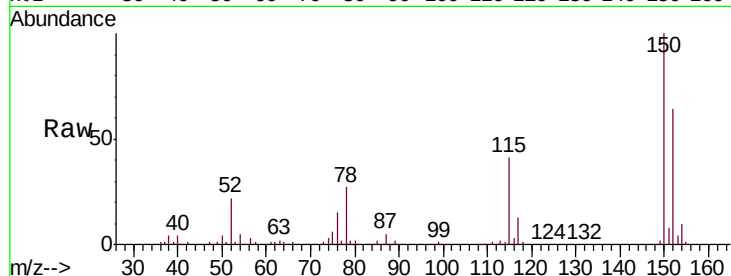


#1

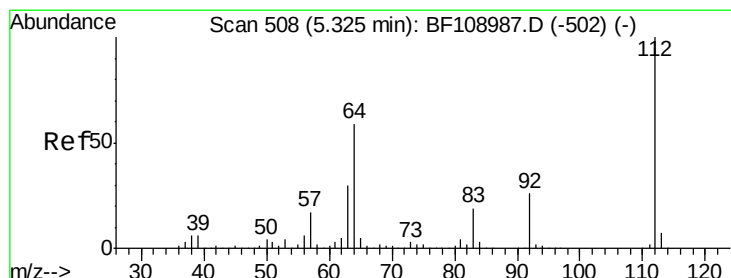
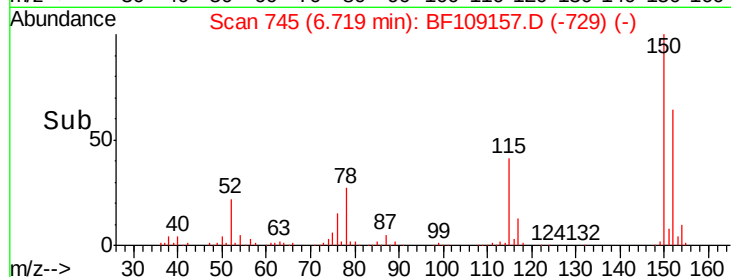
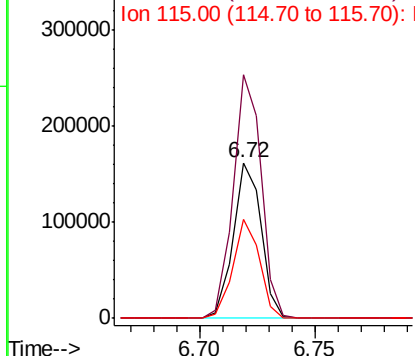
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.72 min Scan# 745
Delta R.T. -0.01 min
Lab File: BF109157.D
Acq: 19 Sep 2018 21:24

Instrument :
BNA_F
ClientSampleId :
091418-JETT-E-D-B

Tgt Ion:152 Resp: 135825
Ion Ratio Lower Upper
152 100
150 156.8 124.6 186.8
115 64.0 50.1 75.1



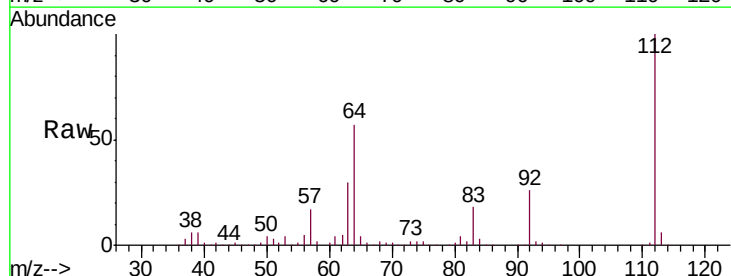
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



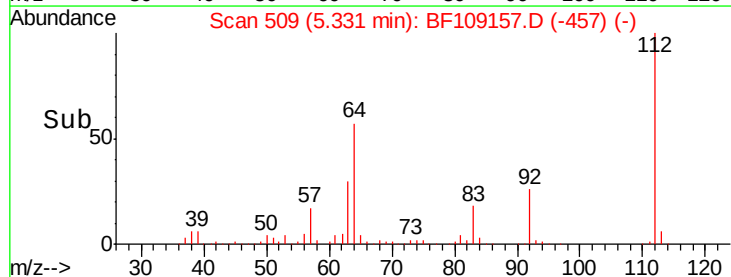
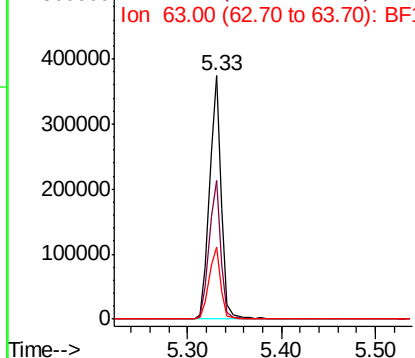
#5

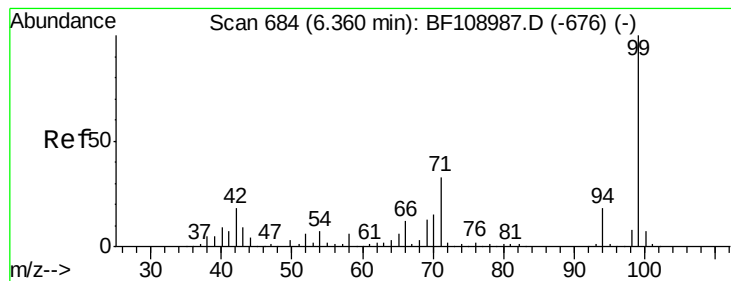
2-Fluorophenol
Concen: 40.417 ng
RT: 5.33 min Scan# 509
Delta R.T. 0.01 min
Lab File: BF109157.D
Acq: 19 Sep 2018 21:24

Tgt Ion:112 Resp: 330525
Ion Ratio Lower Upper
112 100
64 56.7 47.9 71.9
63 29.5 23.7 35.5



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: 24.532 ng

RT: 6.35 min Scan# 682

Delta R.T. -0.01 min

Lab File: BF109157.D

Acq: 19 Sep 2018 21:24

Instrument :

BNA_F

ClientSampleId :

091418-JETT-E-D-B

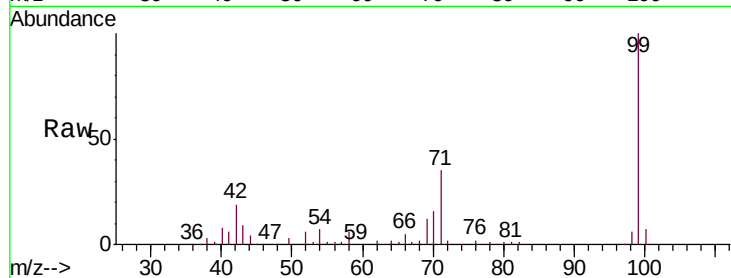
Tgt Ion: 99 Resp: 258690

Ion Ratio Lower Upper

99 100

42 18.6 14.5 21.7

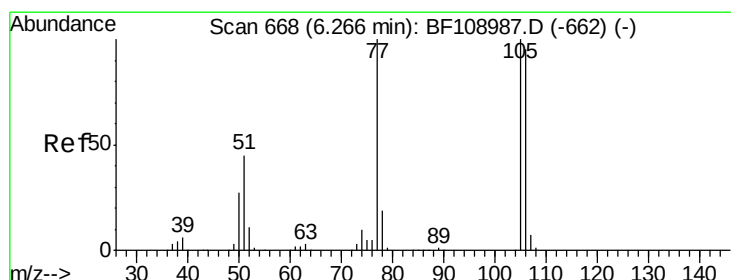
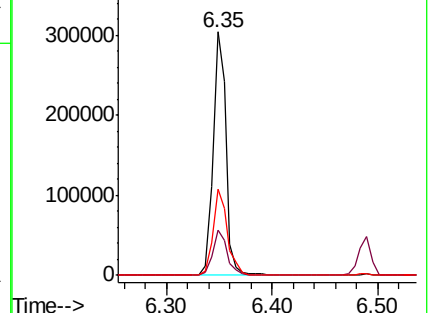
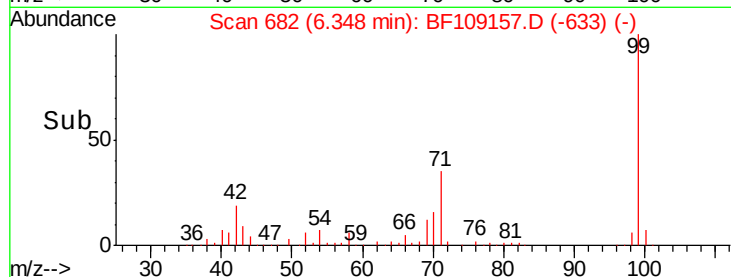
71 35.1 25.4 38.0



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



#9

Benzaldehyde

Concen: 2.056 ng

RT: 6.49 min Scan# 706

Delta R.T. 0.22 min

Lab File: BF109157.D

Acq: 19 Sep 2018 21:24

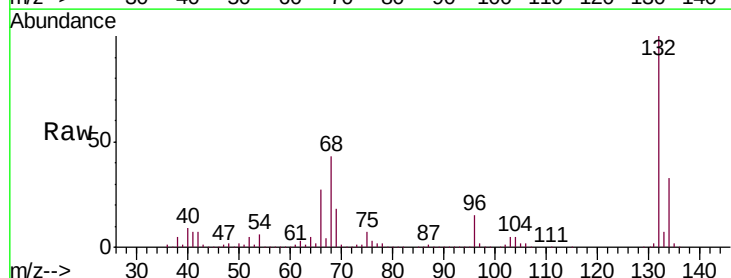
Tgt Ion: 77 Resp: 13848

Ion Ratio Lower Upper

77 100

105 77.2 81.1 121.1#

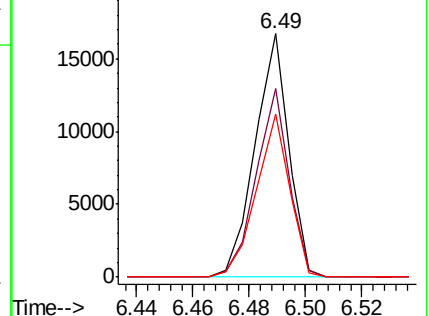
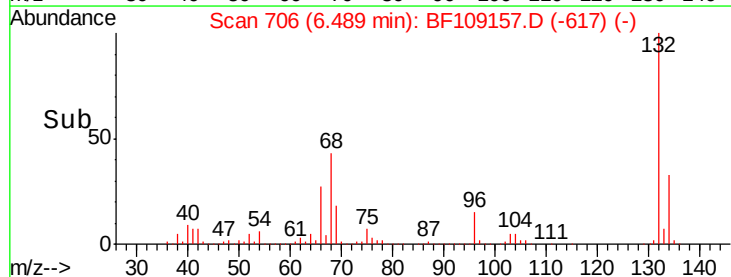
106 66.7 74.5 114.5#

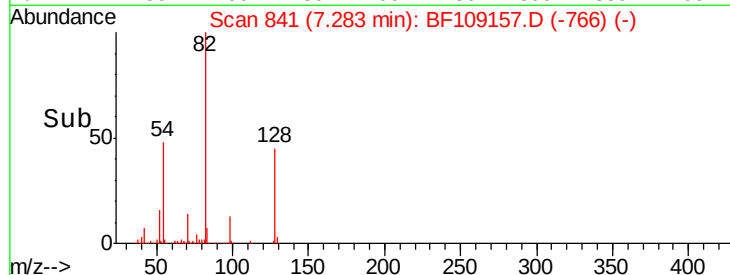
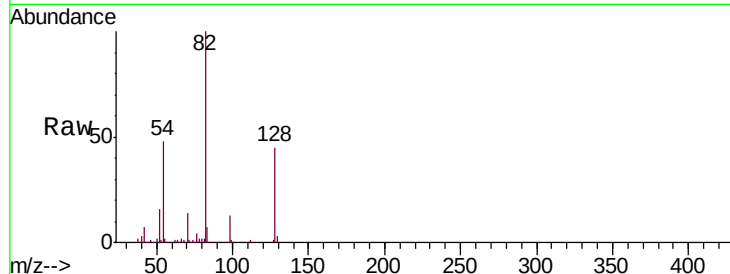
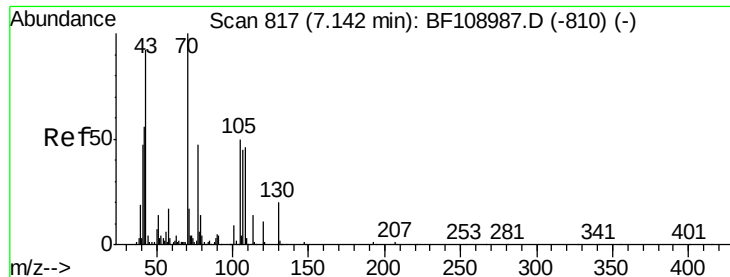


Abundance Ion 77.00 (76.70 to 77.70): BF1

Ion 105.00 (104.70 to 105.70): E

Ion 106.00 (105.70 to 106.70): E

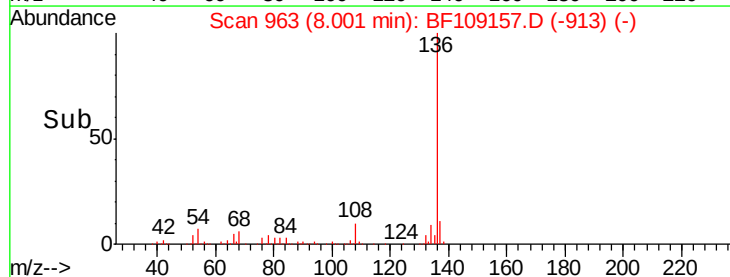
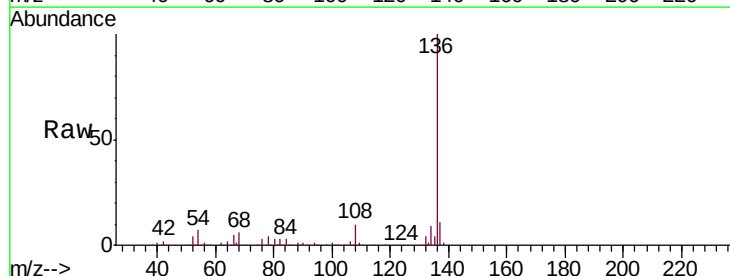
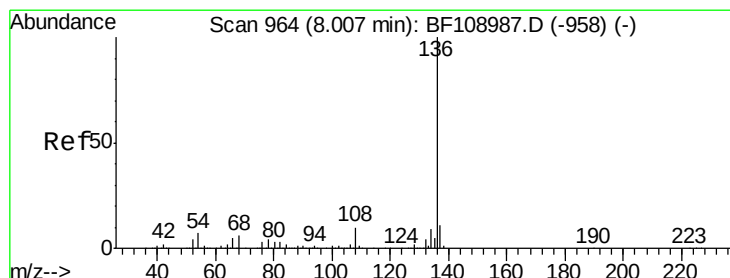
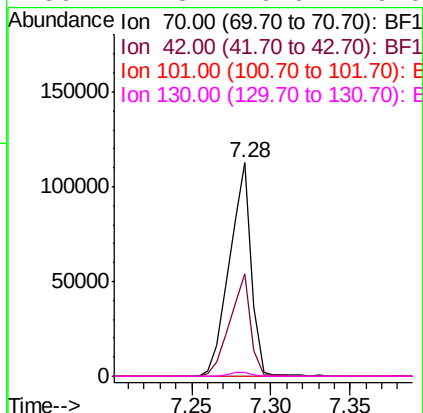




#19
n-Nitroso-di-n-propylamine
Concen: 15.358 ng
RT: 7.28 min Scan# 841
Delta R.T. 0.14 min
Lab File: BF109157.D
Acq: 19 Sep 2018 21:24

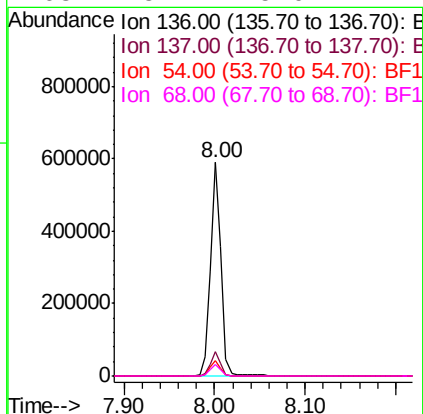
Instrument :
BNA_F
ClientSampleId :
091418-JETT-E-D-B

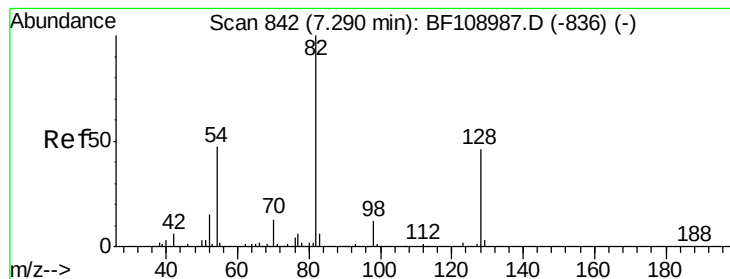
Tgt Ion: 70 Resp: 107051
Ion Ratio Lower Upper
70 100
42 47.8 47.5 71.3
101 0.0 7.4 11.2#
130 1.8 16.6 25.0#



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.00 min Scan# 963
Delta R.T. -0.01 min
Lab File: BF109157.D
Acq: 19 Sep 2018 21:24

Tgt Ion: 136 Resp: 487927
Ion Ratio Lower Upper
136 100
137 11.4 8.9 13.3
54 7.1 6.6 9.8
68 5.7 5.0 7.4





#23

Nitrobenzene-d5

Concen: 89.499 ng

RT: 7.28 min Scan# 841

Delta R.T. -0.01 min

Lab File: BF109157.D

Acq: 19 Sep 2018 21:24

Instrument :

BNA_F

ClientSampleId :

091418-JETT-E-D-B

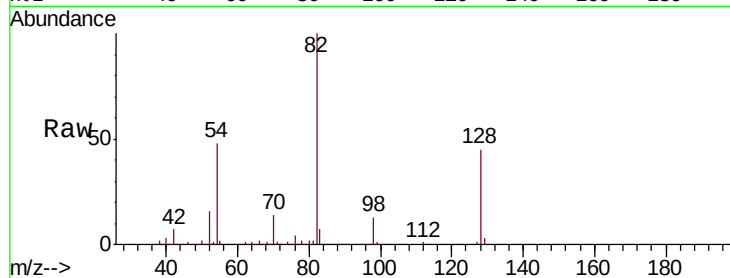
Tgt Ion: 82 Resp: 778576

Ion Ratio Lower Upper

82 100

128 44.6 36.1 54.1

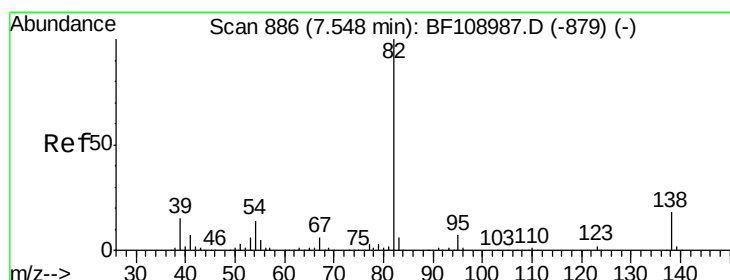
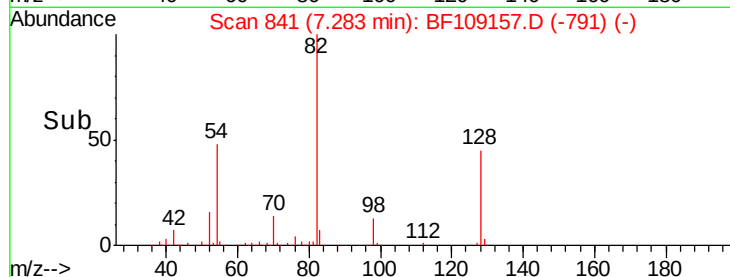
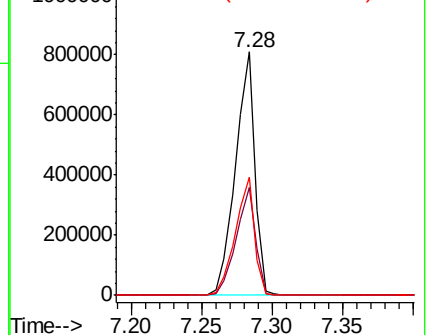
54 48.3 41.4 62.2



Abundance Ion 82.00 (81.70 to 82.70): BF1

Ion 128.00 (127.70 to 128.70): BF1

Ion 54.00 (53.70 to 54.70): BF1



#25

Isophorone

Concen: 51.750 ng

RT: 7.28 min Scan# 841

Delta R.T. -0.26 min

Lab File: BF109157.D

Acq: 19 Sep 2018 21:24

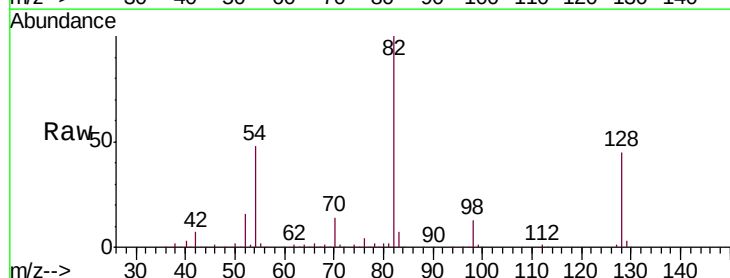
Tgt Ion: 82 Resp: 773860

Ion Ratio Lower Upper

82 100

95 0.0 5.2 7.8#

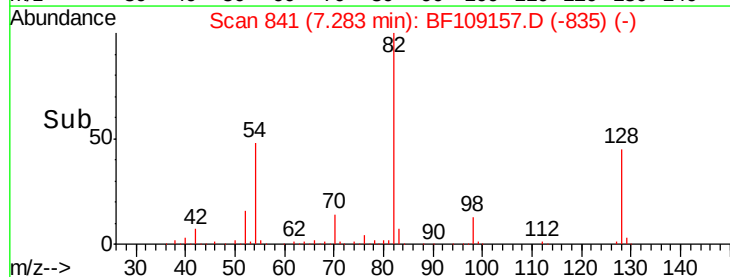
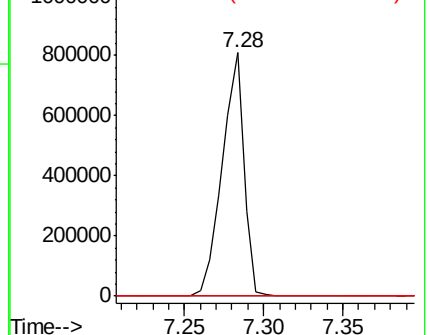
138 0.0 14.9 22.3#

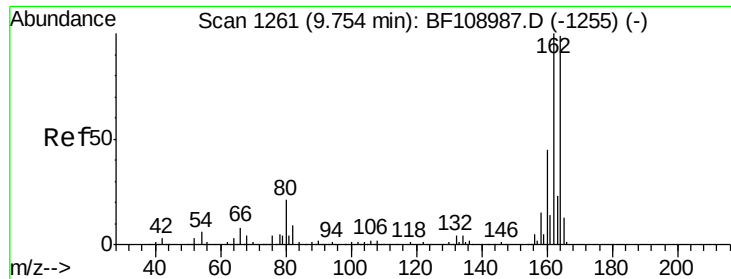


Abundance Ion 82.00 (81.70 to 82.70): BF1

Ion 95.00 (94.70 to 95.70): BF1

Ion 138.00 (137.70 to 138.70): BF1

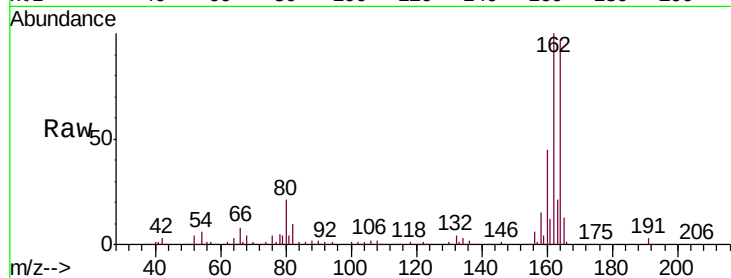




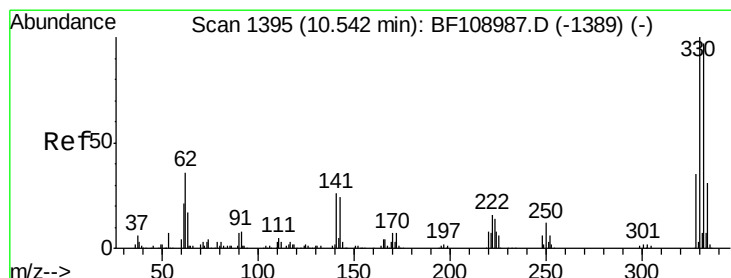
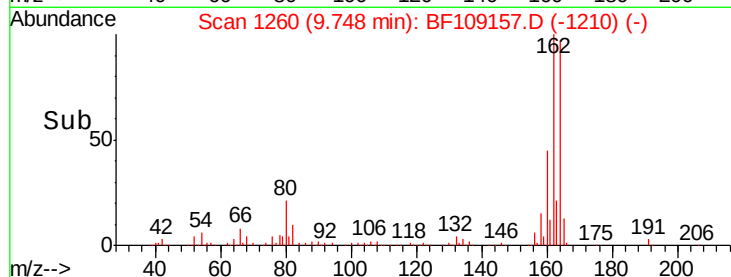
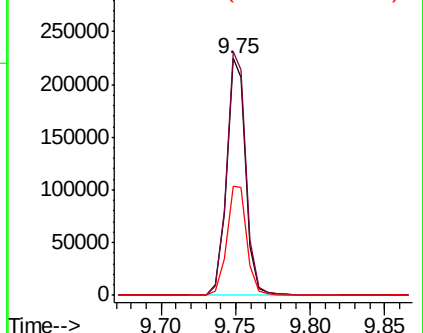
#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.75 min Scan# 1260
 Delta R.T. -0.01 min
 Lab File: BF109157.D
 Acq: 19 Sep 2018 21:24

Instrument :
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 091418-JETT-E-D-B

Tgt Ion:164 Resp: 204067
 Ion Ratio Lower Upper
 164 100
 162 102.9 86.1 129.1
 160 45.9 38.3 57.5

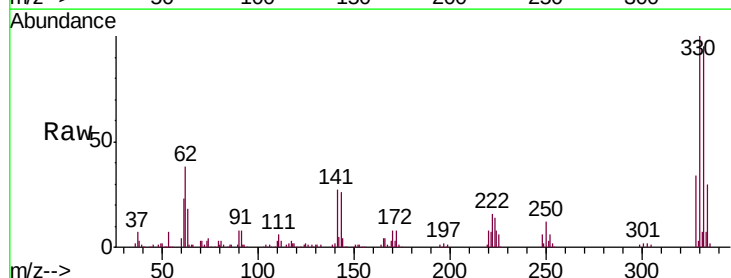


Abundance Ion 164.00 (163.70 to 164.70): E
 Ion 162.00 (161.70 to 162.70): E
 Ion 160.00 (159.70 to 160.70): E

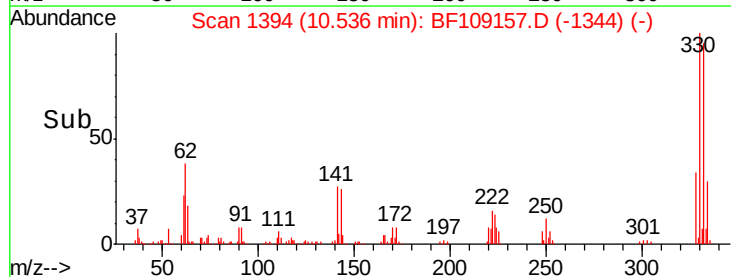
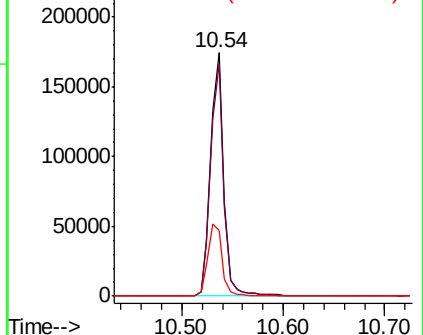


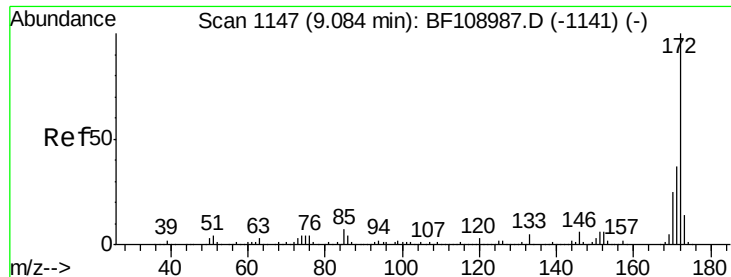
#41
 2,4,6-Tribromophenol
 Concen: 71.395 ng
 RT: 10.54 min Scan# 1394
 Delta R.T. -0.01 min
 Lab File: BF109157.D
 Acq: 19 Sep 2018 21:24

Tgt Ion:330 Resp: 158117
 Ion Ratio Lower Upper
 330 100
 332 95.5 77.0 115.6
 141 31.9 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

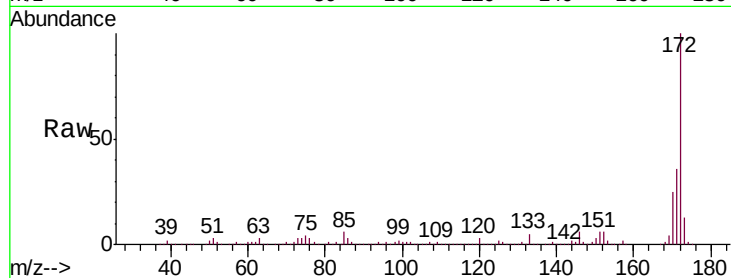




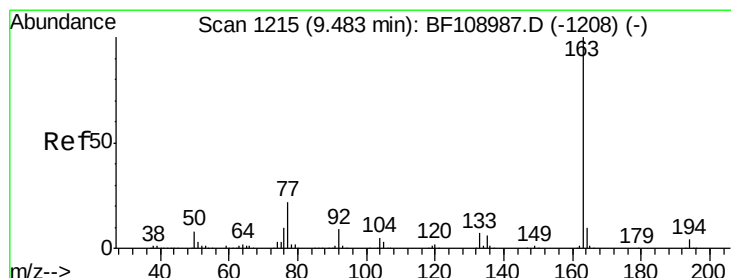
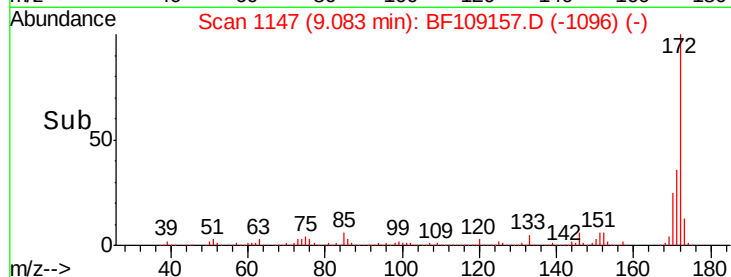
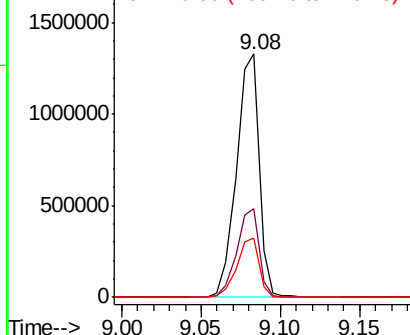
#44
2-Fluorobiphenyl
Concen: 101.484 ng
RT: 9.08 min Scan# 1147
Delta R.T. 0.00 min
Lab File: BF109157.D
Acq: 19 Sep 2018 21:24

Instrument :
BNA_F
ClientSampleId :
091418-JETT-E-D-B

Tgt Ion:172 Resp: 1321837
Ion Ratio Lower Upper
172 100
171 36.5 29.7 44.5
170 24.6 19.6 29.4

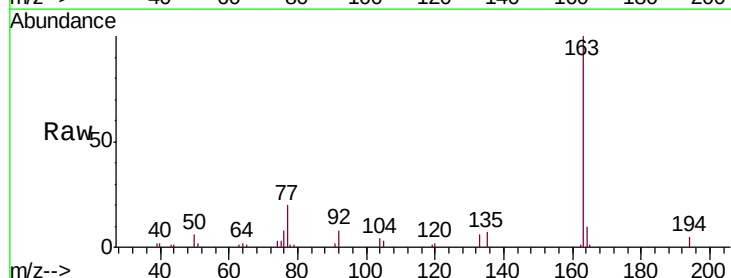


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

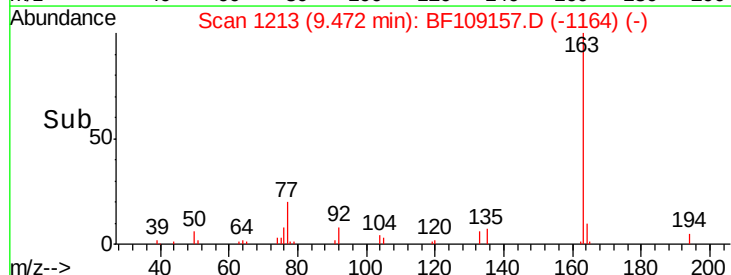
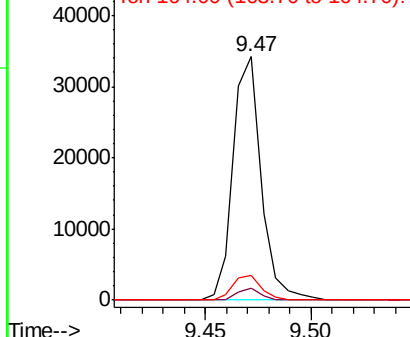


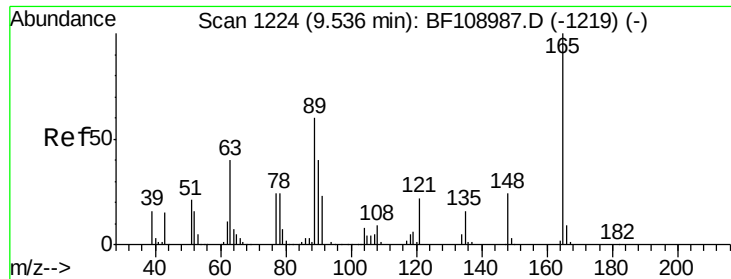
#49
Dimethylphthalate
Concen: 2.150 ng
RT: 9.47 min Scan# 1213
Delta R.T. -0.01 min
Lab File: BF109157.D
Acq: 19 Sep 2018 21:24

Tgt Ion:163 Resp: 31365
Ion Ratio Lower Upper
163 100
194 4.7 2.7 4.1#
164 10.1 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

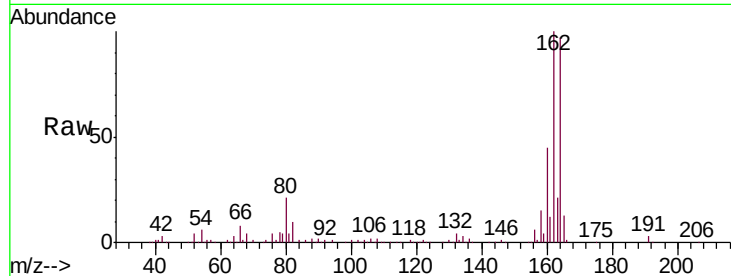




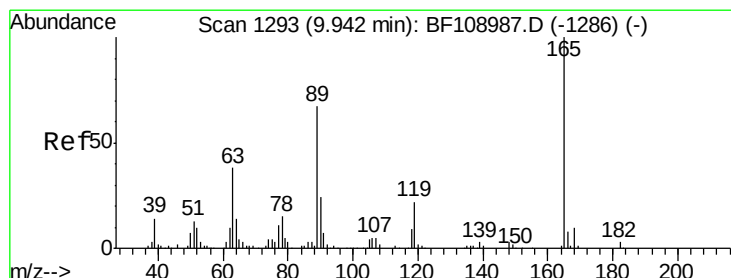
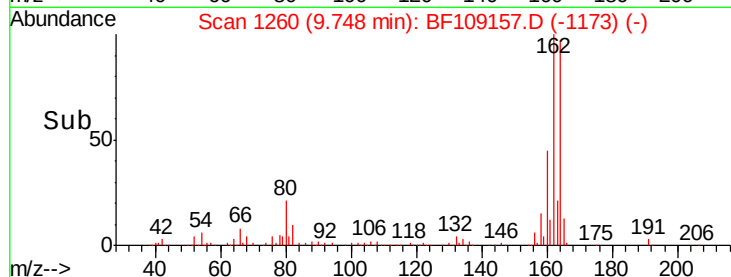
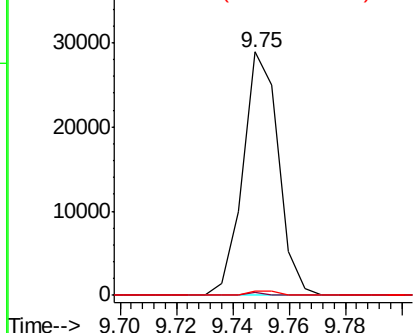
#50
 2,6-Dinitrotoluene
 Concen: 7.781 ng
 RT: 9.75 min Scan# 1260
 Delta R.T. 0.21 min
 Lab File: BF109157.D
 Acq: 19 Sep 2018 21:24

Instrument :
 BNA_F
 ClientSampleId :
 091418-JETT-E-D-B

Tgt Ion	Ratio	Lower	Upper
165	100		
63	1.1	44.7	67.1#
89	1.5	44.0	66.0#

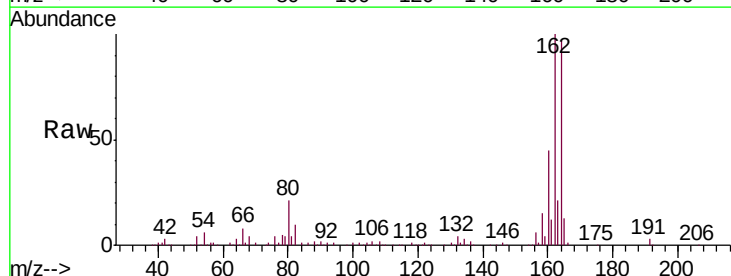


Abundance Ion 165.00 (164.70 to 165.70): E
 Ion 63.00 (62.70 to 63.70): BF1
 Ion 89.00 (88.70 to 89.70): BF1

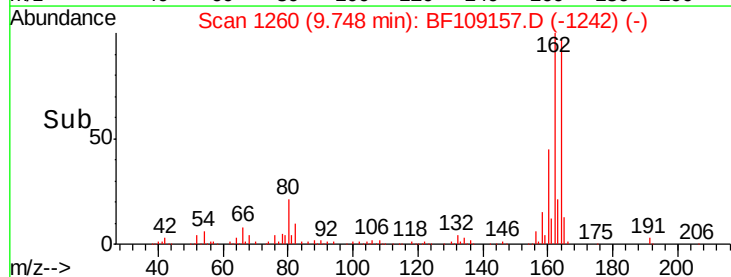
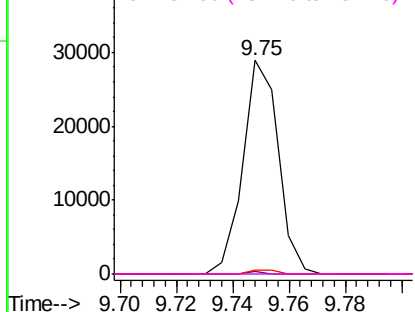


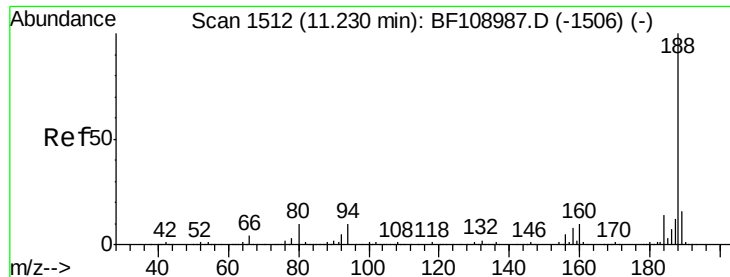
#56
 2,4-Dinitrotoluene
 Concen: 5.950 ng
 RT: 9.75 min Scan# 1260
 Delta R.T. -0.19 min
 Lab File: BF109157.D
 Acq: 19 Sep 2018 21:24

Tgt Ion	Ratio	Lower	Upper
165	100		
63	1.1	36.4	54.6#
89	1.5	57.8	86.6#
182	0.0	1.6	2.4#



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

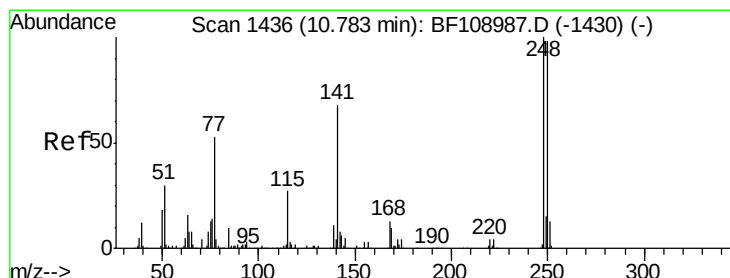
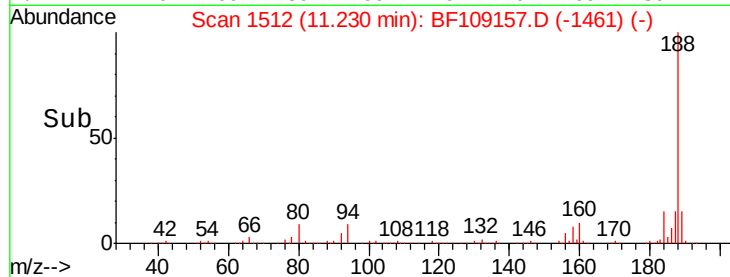
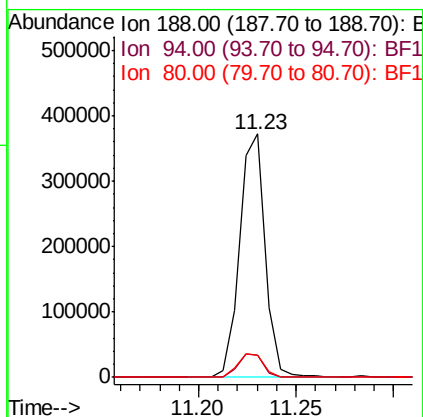
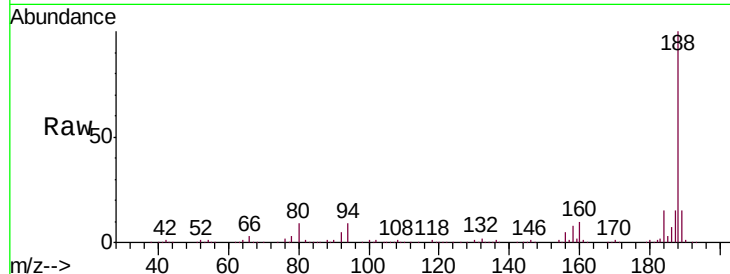




#63
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 11.23 min Scan# 1512
 Delta R.T. -0.00 min
 Lab File: BF109157.D
 Acq: 19 Sep 2018 21:24

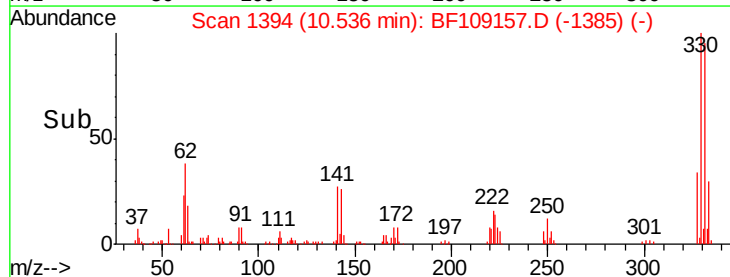
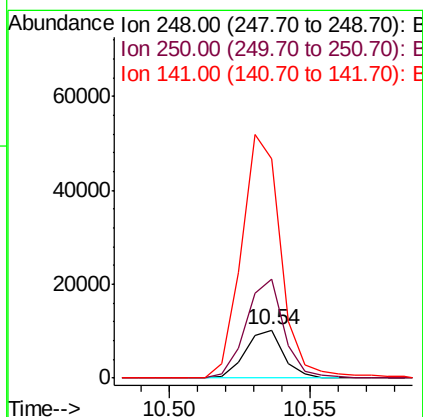
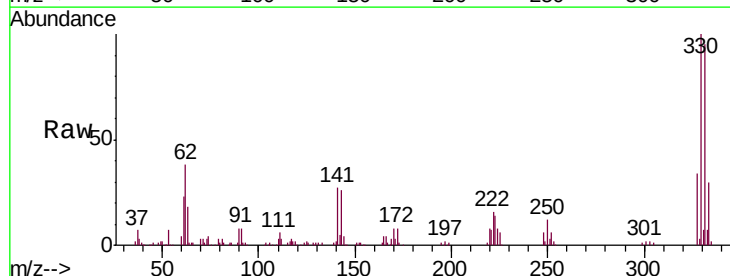
Instrument :
 BNA_F
 ClientSampleId :
 091418-JETT-E-D-B

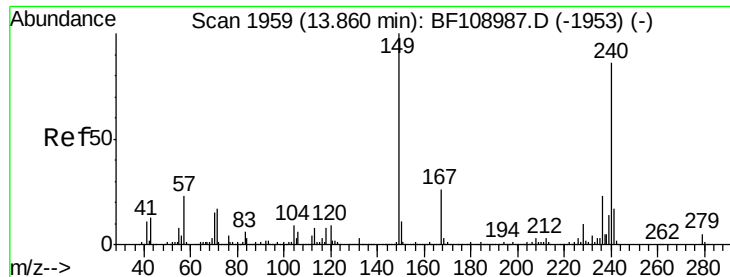
Tgt Ion	Ratio	Lower	Upper
188	100		
94	8.9	8.5	12.7
80	9.0	9.2	13.8#



#66
 4-Bromophenyl-phenylether
 Concen: 2.501 ng
 RT: 10.54 min Scan# 1394
 Delta R.T. -0.25 min
 Lab File: BF109157.D
 Acq: 19 Sep 2018 21:24

Tgt Ion	Ratio	Lower	Upper
248	100		
250	205.6	76.9	115.3#
141	457.4	74.4	111.6#





#75

Chrysene-d12

Concen: 20.000 ng

RT: 13.85 min Scan# 1958

Delta R.T. -0.01 min

Lab File: BF109157.D

Acq: 19 Sep 2018 21:24

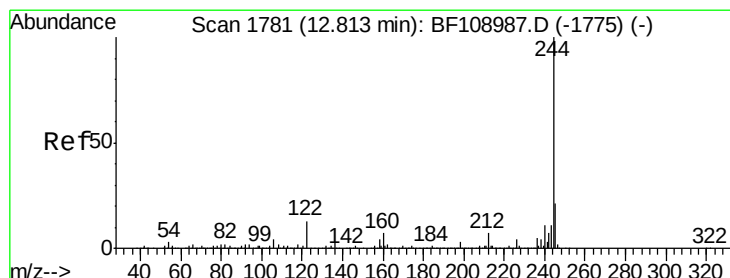
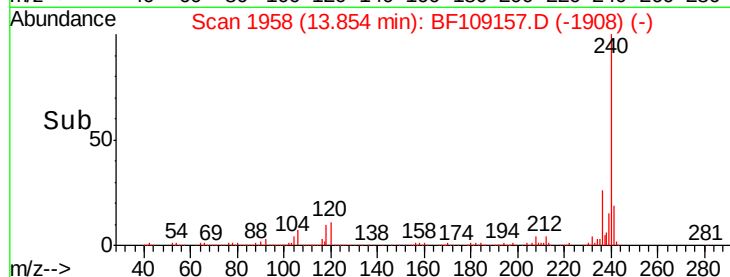
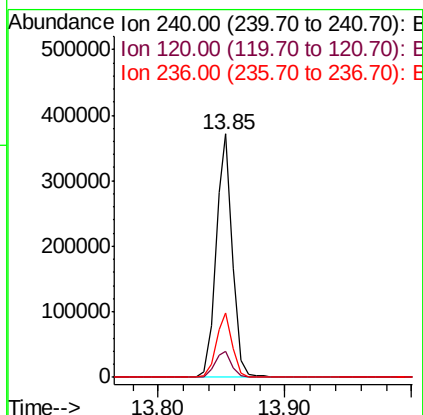
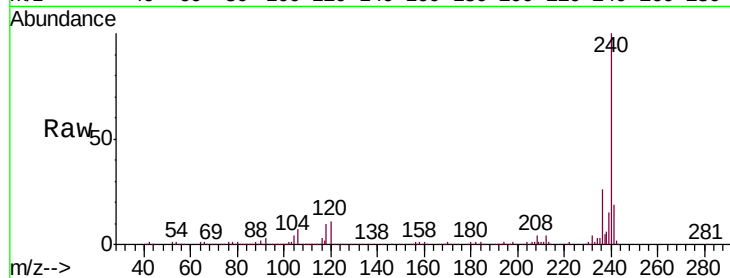
Instrument :

BNA_F

ClientSampleId :

091418-JETT-E-D-B

Tgt Ion:	240	Resp:	335290
Ion Ratio		Lower	Upper
240	100		
120	10.7	9.5	14.3
236	26.3	20.7	31.1



#78

Terphenyl-d14

Concen: 84.186 ng

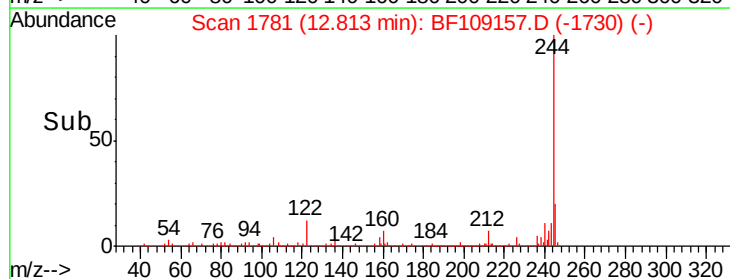
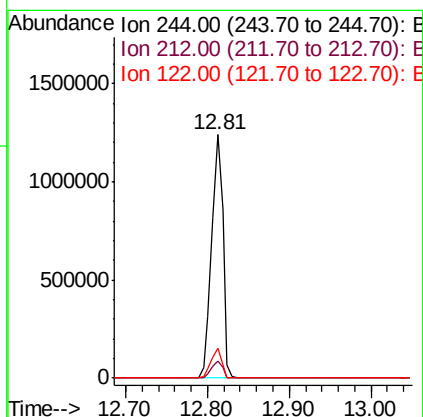
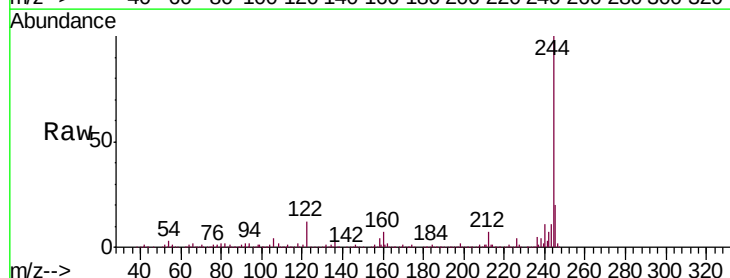
RT: 12.81 min Scan# 1781

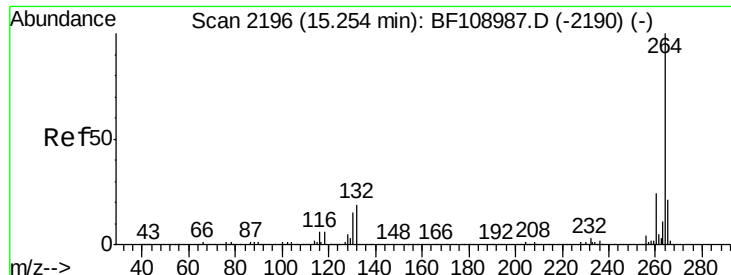
Delta R.T. -0.00 min

Lab File: BF109157.D

Acq: 19 Sep 2018 21:24

Tgt Ion:	244	Resp:	1190861
Ion Ratio		Lower	Upper
244	100		
212	7.1	5.4	8.0
122	12.0	11.0	16.4





#86
Perylene-d12
Concen: 20.000 ng
RT: 15.26 min Scan# 2197
Delta R.T. 0.01 min
Lab File: BF109157.D
Acq: 19 Sep 2018 21:24

Instrument :
BNA_F
ClientSampleId :
091418-JETT-E-D-B

Tgt Ion	Ratio	Lower	Upper
264	100		
260	23.5	19.2	28.8
265	22.2	17.5	26.3

