

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF091718\
 Data File : BF109082.D
 Acq On : 18 Sep 2018 7:39
 Operator : JU/SJ
 Sample : J4930-01
 Misc :
 ALS Vial : 44 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 091318-JETT-E-D-B

Quant Time: Sep 18 08:24:20 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

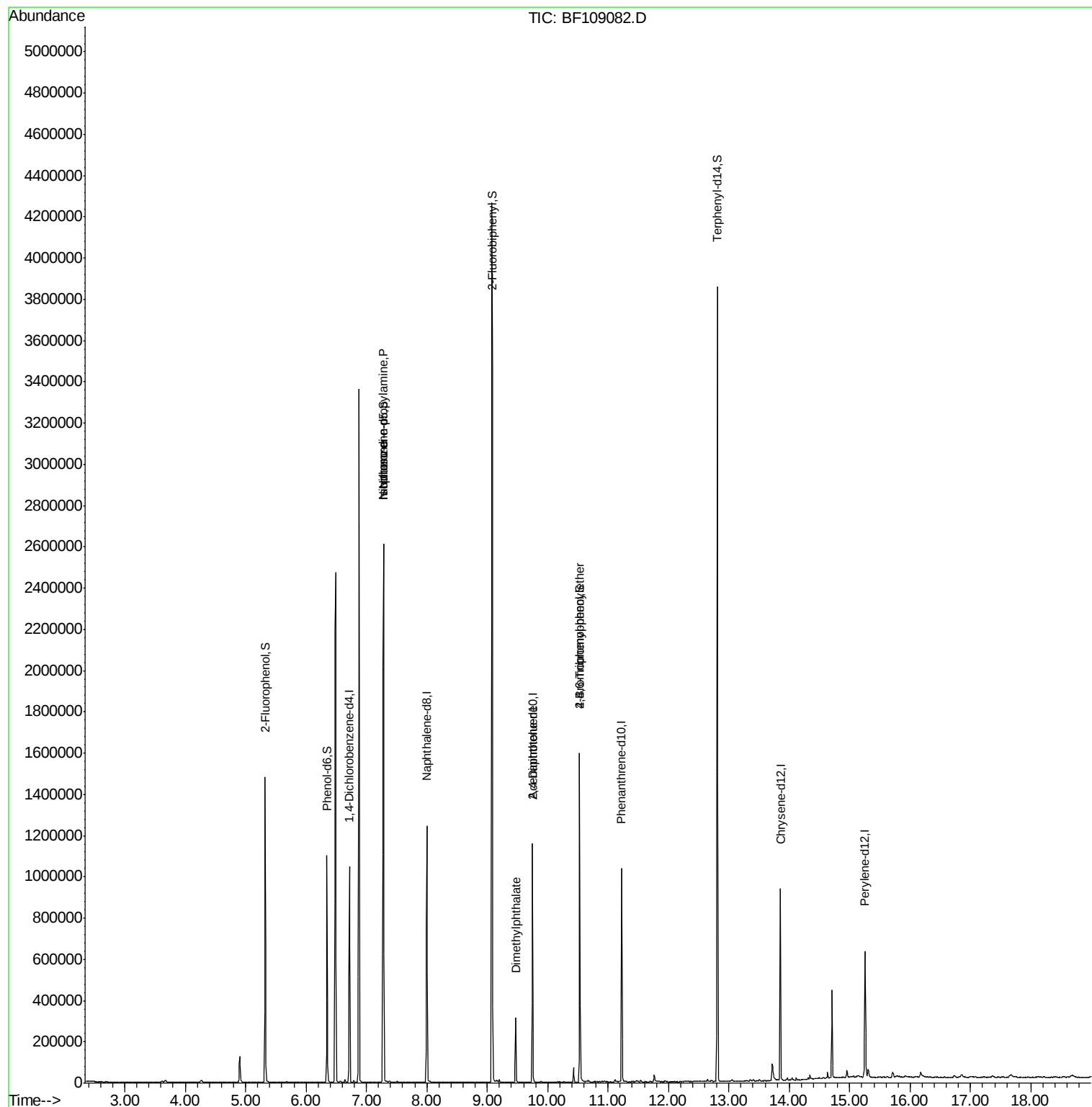
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.72	152	142153	20.00	ng	0.00
21) Naphthalene-d8	8.00	136	500371	20.00	ng	0.00
38) Acenaphthene-d10	9.75	164	212527	20.00	ng	0.00
63) Phenanthrene-d10	11.22	188	378138	20.00	ng	0.00
75) Chrysene-d12	13.85	240	328144	20.00	ng	0.00
86) Perylene-d12	15.25	264	274970	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.32	112	382746	44.72	ng	0.00
7) Phenol-d6	6.35	99	309192	28.02	ng	-0.01
23) Nitrobenzene-d5	7.28	82	854042	95.73	ng	0.00
41) 2,4,6-Tribromophenol	10.54	330	203311	88.15	ng	0.00
44) 2-Fluorobiphenyl	9.08	172	1350387	99.55	ng	0.00
78) Terphenyl-d14	12.81	244	1267551	91.56	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propylamine	7.28	70	115668	15.856	ng	# 77
25) Isophorone	7.28	82	849441	55.392	ng	# 64
49) Dimethylphthalate	9.47	163	127025	8.362	ng	97
56) 2,4-Dinitrotoluene	9.75	165	27004	6.130	ng	# 24
66) 4-Bromophenyl-phenylether	10.53	248	12534	2.940	ng	# 1

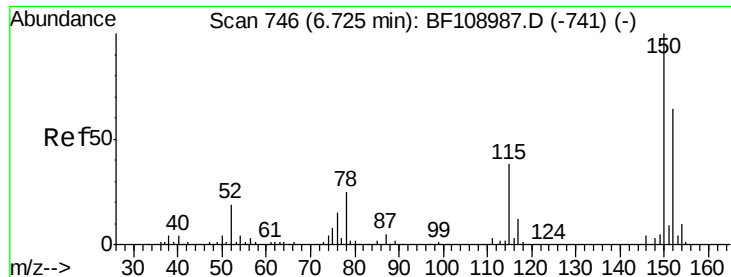
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Fri Sep 14 13:26:52 2018
Response via : Initial Calibration





#1

1,4-Dichlorobenzene-d4

Concen: 20.000 ng

RT: 6.72 min Scan# 745

Delta R.T. -0.01 min

Lab File: BF109082.D

Acq: 18 Sep 2018 7:39

Instrument :

BNA_F

ClientSampleId :

091318-JETT-E-D-B

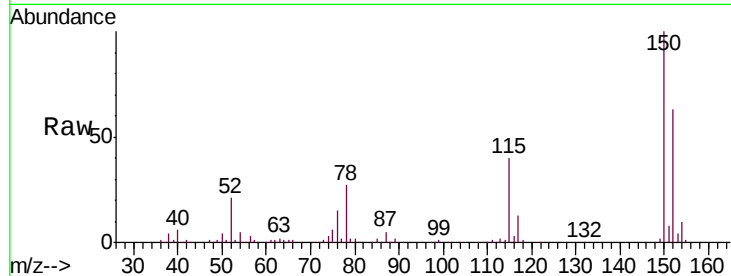
Tgt Ion:152 Resp: 142153

Ion Ratio Lower Upper

152 100

150 159.4 124.6 186.8

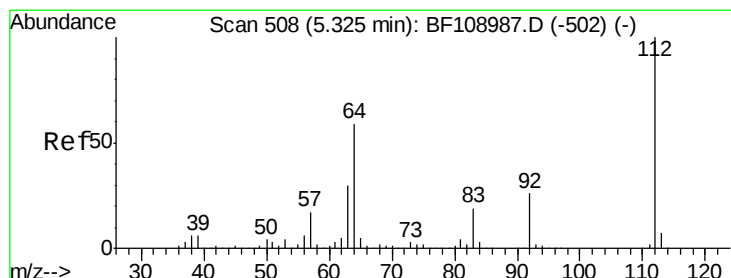
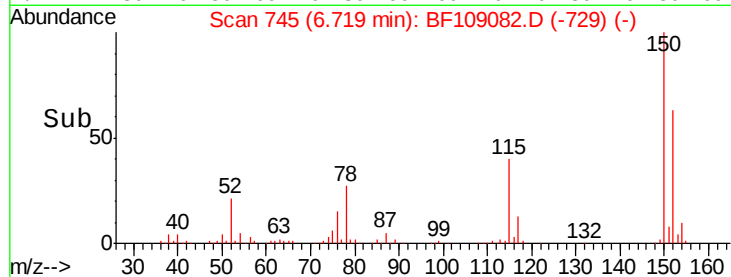
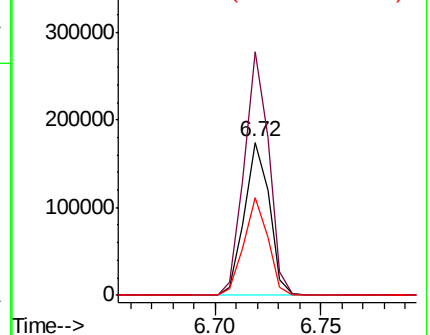
115 63.9 50.1 75.1



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: 44.719 ng

RT: 5.32 min Scan# 508

Delta R.T. 0.00 min

Lab File: BF109082.D

Acq: 18 Sep 2018 7:39

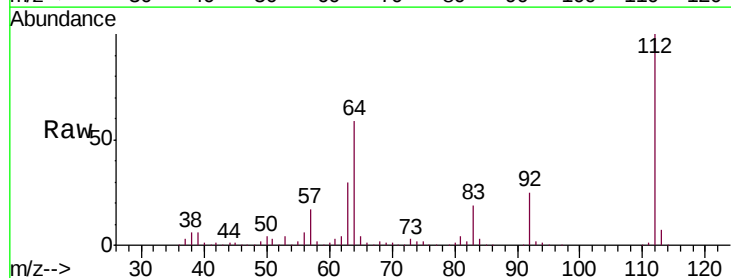
Tgt Ion:112 Resp: 382746

Ion Ratio Lower Upper

112 100

64 58.9 47.9 71.9

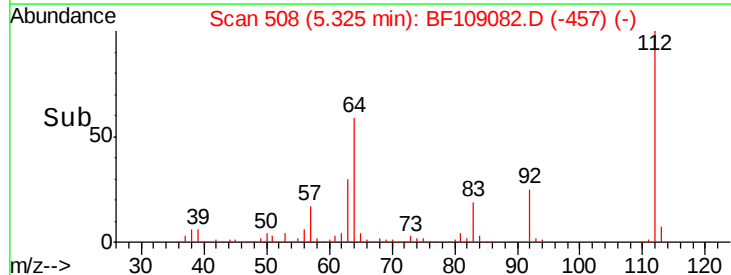
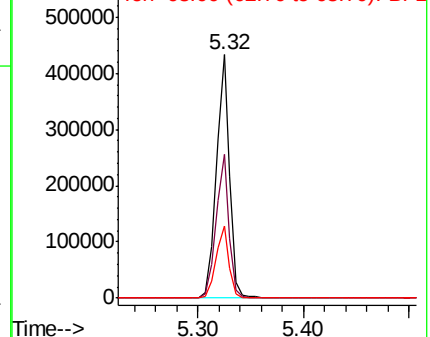
63 29.7 23.7 35.5



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: 28.016 ng

RT: 6.35 min Scan# 682

Delta R.T. -0.01 min

Lab File: BF109082.D

Acq: 18 Sep 2018 7:39

Instrument :

BNA_F

ClientSampleId :

091318-JETT-E-D-B

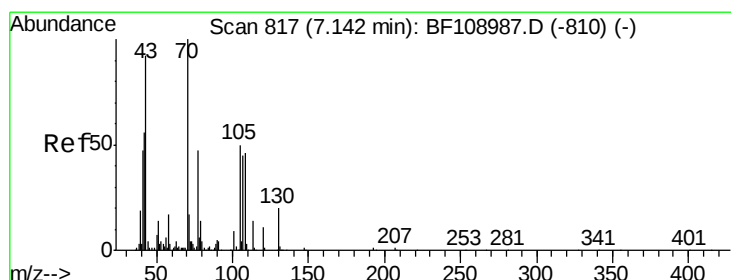
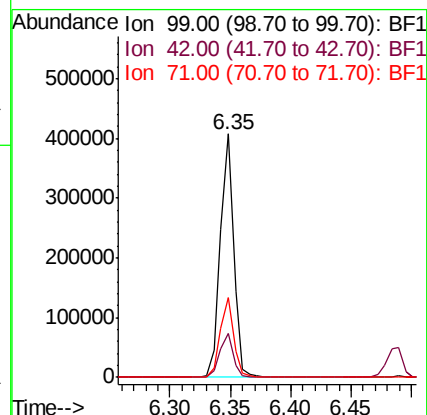
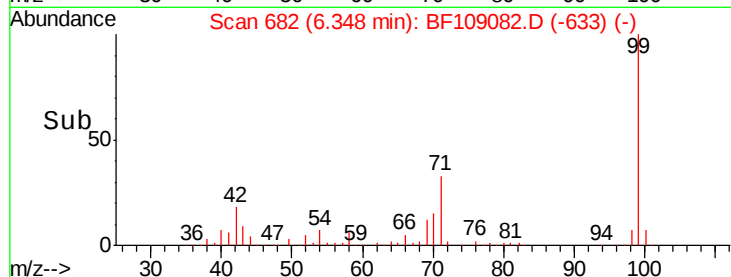
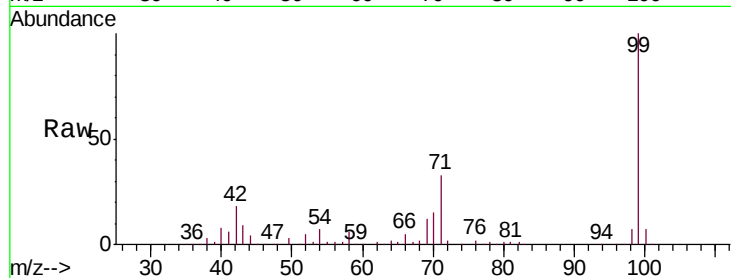
Tgt Ion: 99 Resp: 309192

Ion Ratio Lower Upper

99 100

42 18.0 14.5 21.7

71 33.0 25.4 38.0



#19

n-Nitroso-di-n-propylamine

Concen: 15.856 ng

RT: 7.28 min Scan# 841

Delta R.T. 0.14 min

Lab File: BF109082.D

Acq: 18 Sep 2018 7:39

Tgt Ion: 70 Resp: 115668

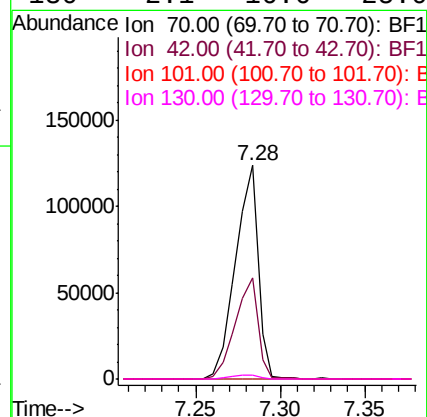
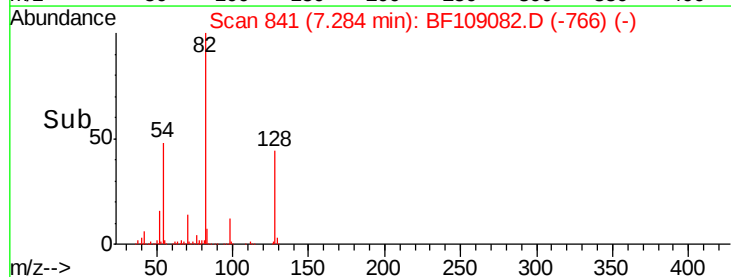
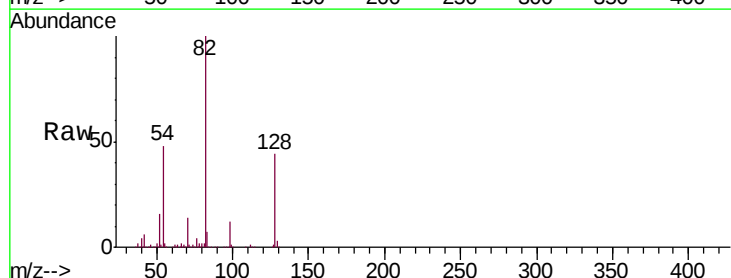
Ion Ratio Lower Upper

70 100

42 47.3 47.5 71.3#

101 0.0 7.4 11.2#

130 2.1 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: BF109082.D

Acq: 18 Sep 2018 7:39

Instrument :

BNA_F

ClientSampleId :

091318-JETT-E-D-B

Tgt Ion:136 Resp: 500371

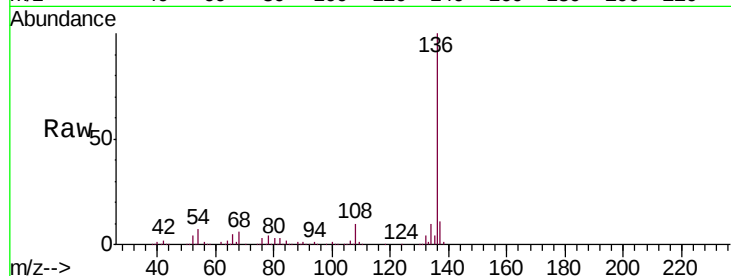
Ion Ratio Lower Upper

136 100

137 10.9 8.9 13.3

54 7.1 6.6 9.8

68 6.1 5.0 7.4

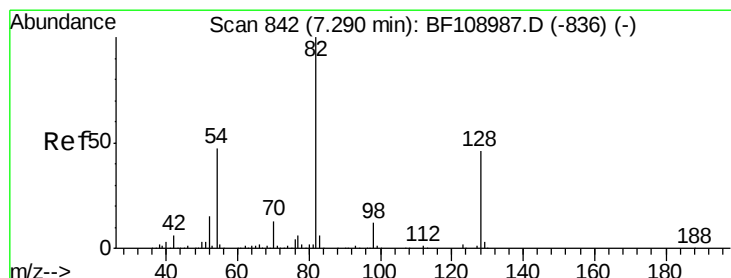
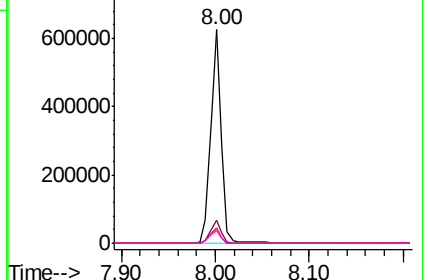
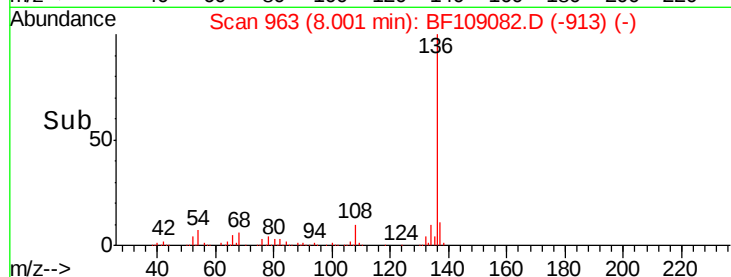


Abundance Ion 136.00 (135.70 to 136.70): E

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: 95.732 ng

RT: 7.28 min Scan# 841

Delta R.T. -0.01 min

Lab File: BF109082.D

Acq: 18 Sep 2018 7:39

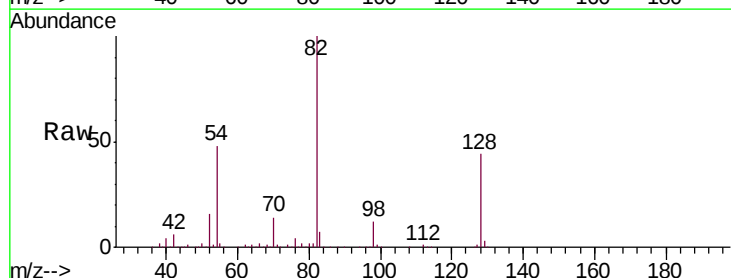
Tgt Ion: 82 Resp: 854042

Ion Ratio Lower Upper

82 100

128 44.2 36.1 54.1

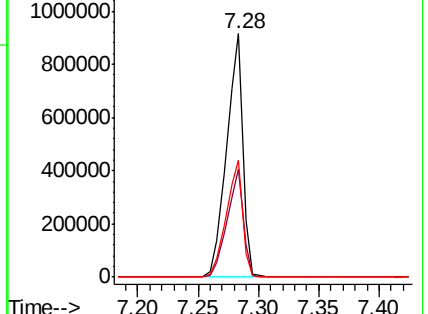
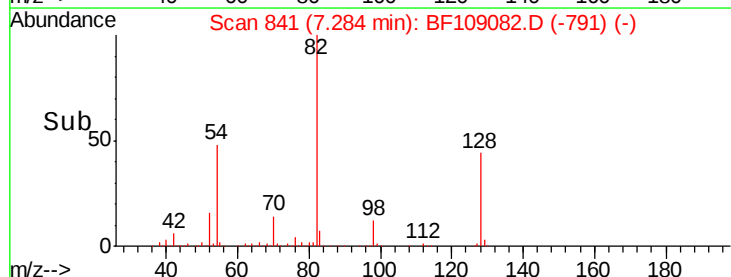
54 47.8 41.4 62.2

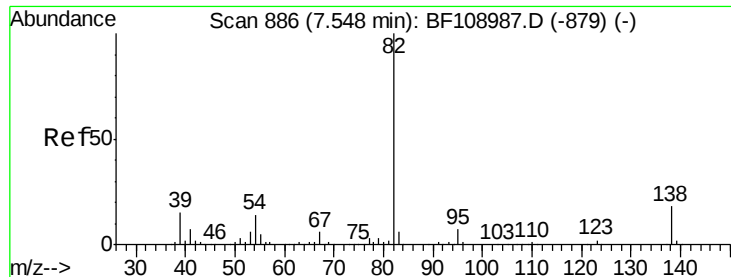


Abundance Ion 82.00 (81.70 to 82.70): BF1

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BF1

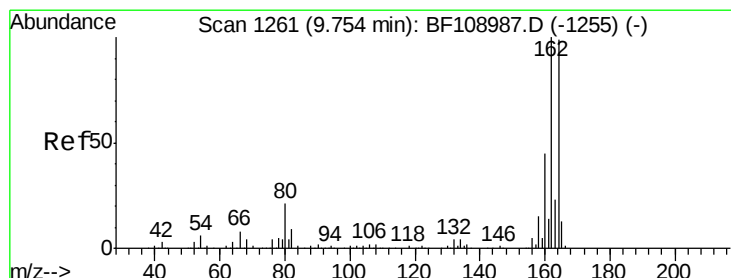
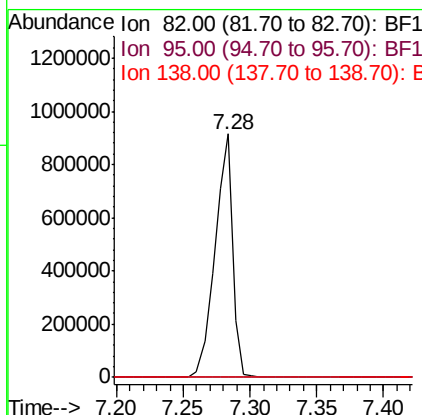
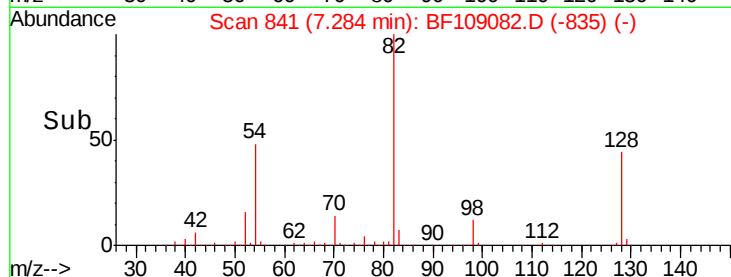
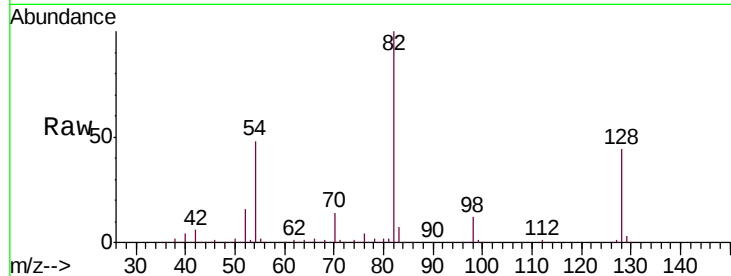




#25
Isophorone
Concen: 55.392 ng
RT: 7.28 min Scan# 841
Delta R.T. -0.26 min
Lab File: BF109082.D
Acq: 18 Sep 2018 7:39

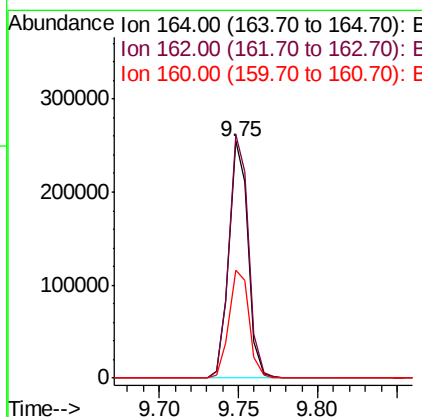
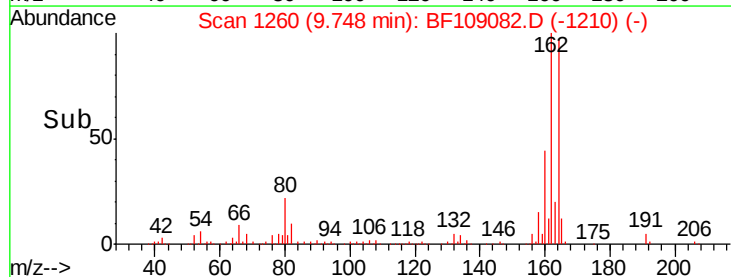
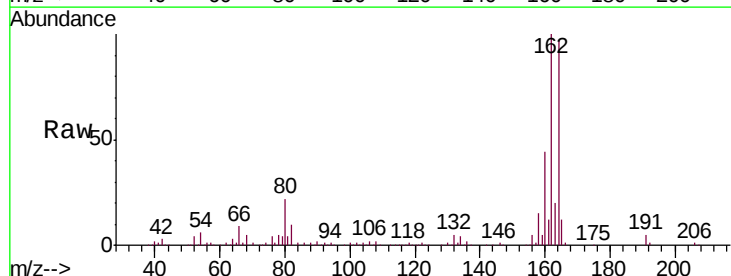
Instrument :
BNA_F
ClientSampleId :
091318-JETT-E-D-B

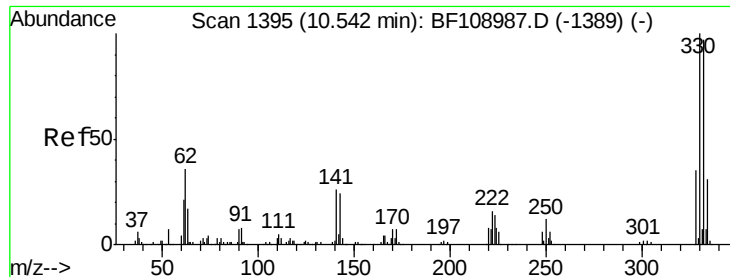
Tgt Ion: 82 Resp: 849441
Ion Ratio Lower Upper
82 100
95 0.0 5.2 7.8#
138 0.0 14.9 22.3#



#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.75 min Scan# 1260
Delta R.T. -0.01 min
Lab File: BF109082.D
Acq: 18 Sep 2018 7:39

Tgt Ion: 164 Resp: 212527
Ion Ratio Lower Upper
164 100
162 102.9 86.1 129.1
160 45.6 38.3 57.5

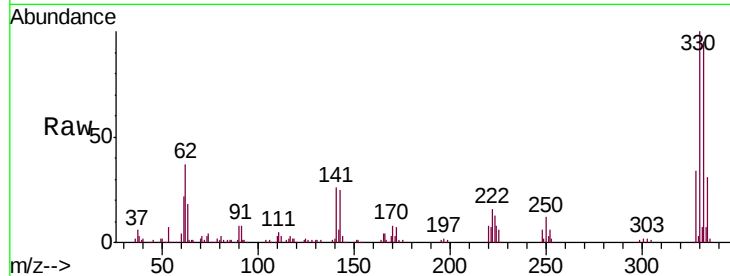




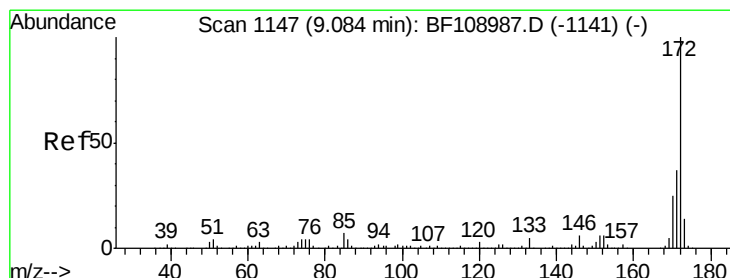
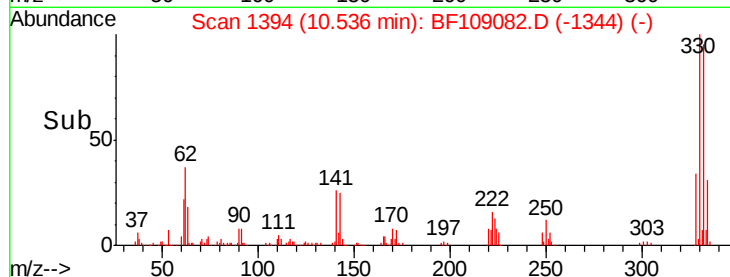
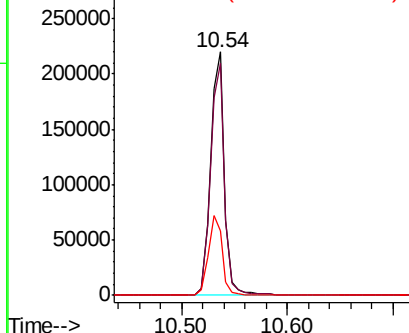
#41
 2,4,6-Tribromophenol
 Concen: 88.148 ng
 RT: 10.54 min Scan# 1394
 Delta R.T. -0.01 min
 Lab File: BF109082.D
 Acq: 18 Sep 2018 7:39

Instrument :
 BNA_F
 ClientSampleId :
 091318-JETT-E-D-B

Tgt Ion	Ratio	Lower	Upper
330	100		
332	96.3	77.0	115.6
141	32.7	29.9	44.9

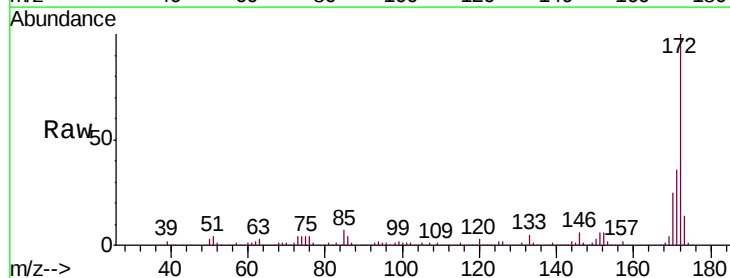


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

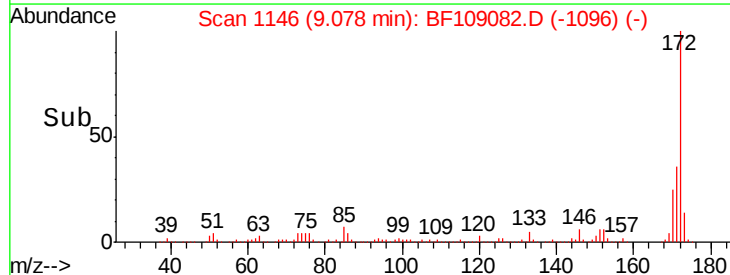
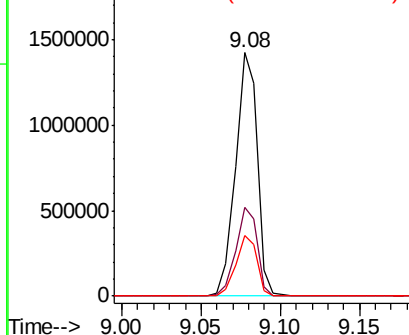


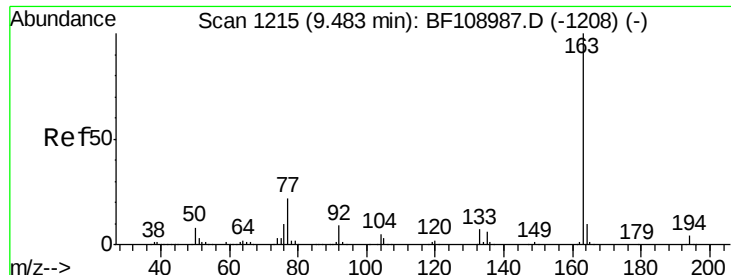
#44
 2-Fluorobiphenyl
 Concen: 99.549 ng
 RT: 9.08 min Scan# 1146
 Delta R.T. -0.01 min
 Lab File: BF109082.D
 Acq: 18 Sep 2018 7:39

Tgt Ion	Ratio	Lower	Upper
172	100		
171	36.4	29.7	44.5
170	24.9	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: 8.362 ng

RT: 9.47 min Scan# 1213

Delta R.T. -0.01 min

Lab File: BF109082.D

Acq: 18 Sep 2018 7:39

Instrument :

BNA_F

ClientSampleId :

091318-JETT-E-D-B

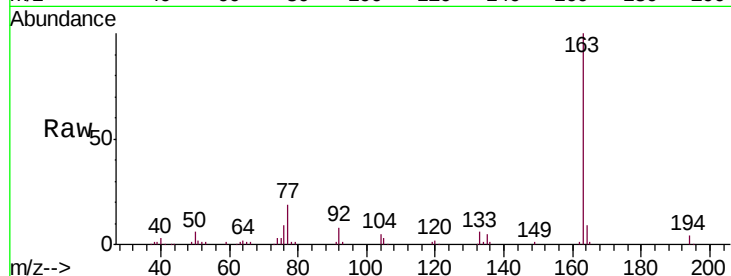
Tgt Ion:163 Resp: 127025

Ion Ratio Lower Upper

163 100

194 4.0 2.7 4.1

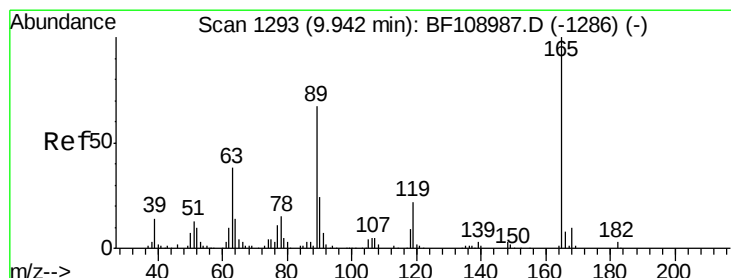
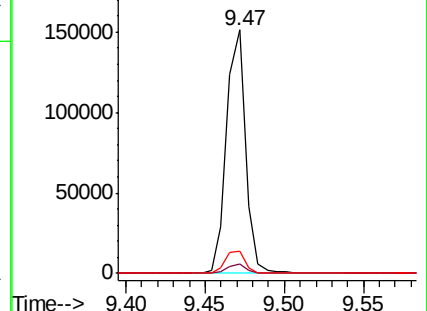
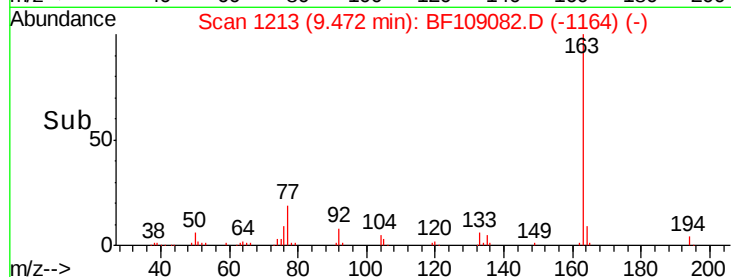
164 9.2 8.2 12.2



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



#56

2,4-Dinitrotoluene

Concen: 6.130 ng

RT: 9.75 min Scan# 1260

Delta R.T. -0.19 min

Lab File: BF109082.D

Acq: 18 Sep 2018 7:39

Tgt Ion:165 Resp: 27004

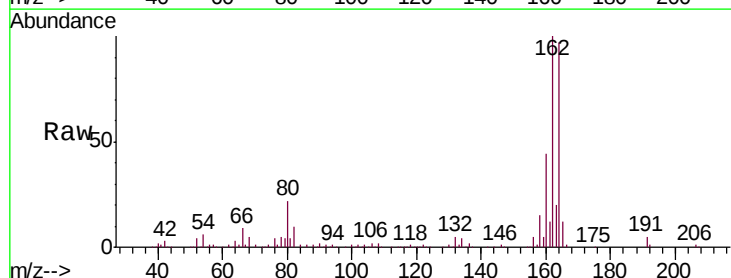
Ion Ratio Lower Upper

165 100

63 1.8 36.4 54.6#

89 1.7 57.8 86.6#

182 0.0 1.6 2.4#

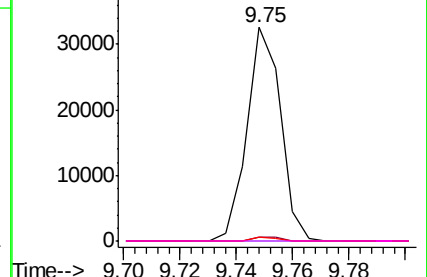
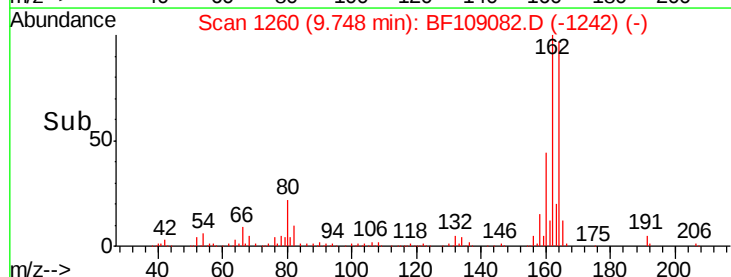


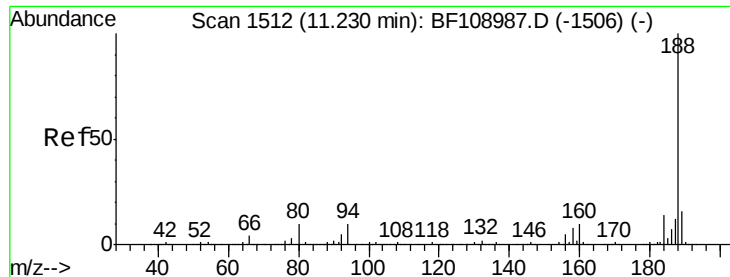
Abundance Ion 165.00 (164.70 to 165.70): E

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

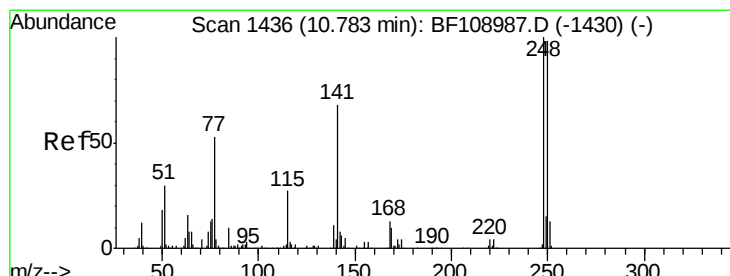
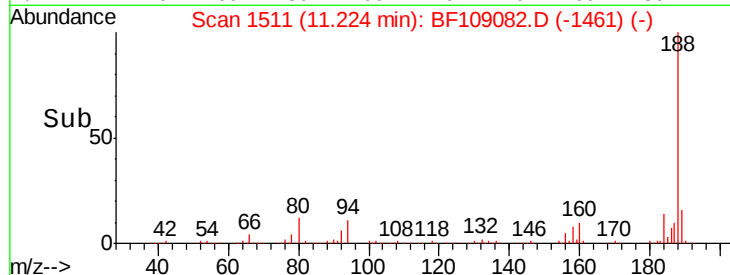
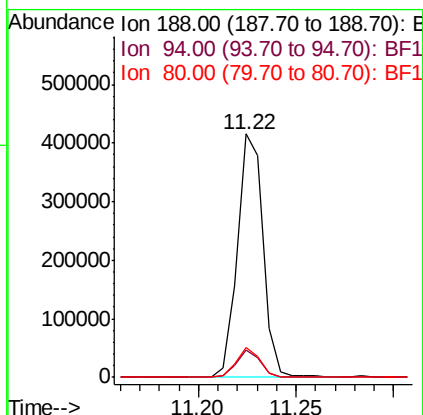
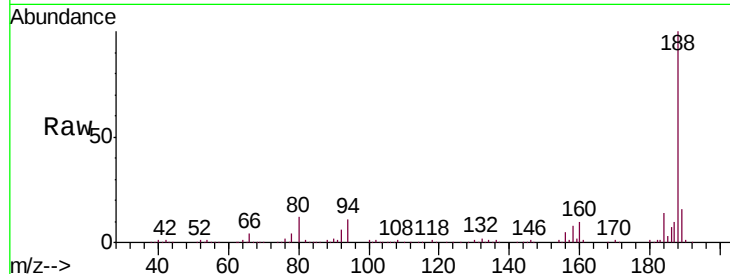




#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.22 min Scan# 1511
Delta R.T. -0.01 min
Lab File: BF109082.D
Acq: 18 Sep 2018 7:39

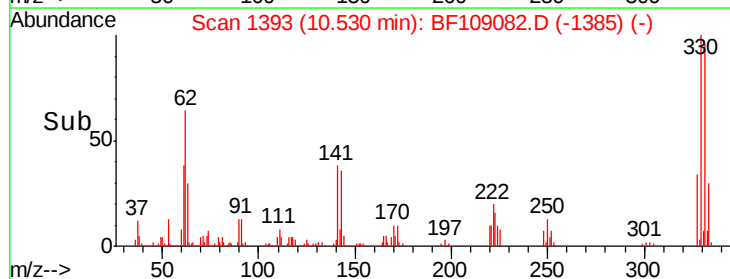
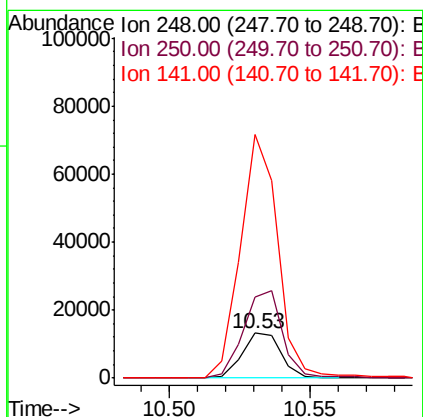
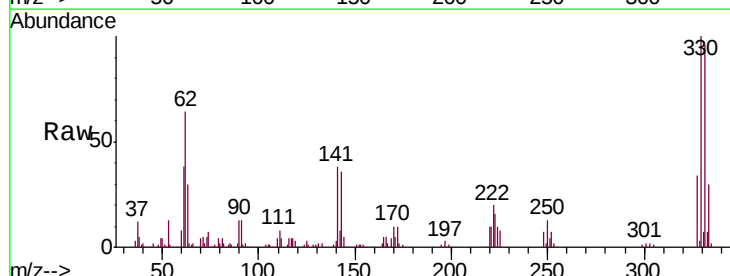
Instrument :
BNA_F
ClientSampleId :
091318-JETT-E-D-B

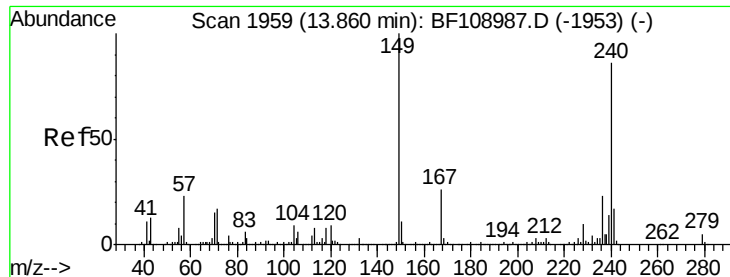
Tgt Ion:188 Resp: 378138
Ion Ratio Lower Upper
188 100
94 11.4 8.5 12.7
80 12.3 9.2 13.8



#66
4-Bromophenyl-phenylether
Concen: 2.940 ng
RT: 10.53 min Scan# 1393
Delta R.T. -0.25 min
Lab File: BF109082.D
Acq: 18 Sep 2018 7:39

Tgt Ion:248 Resp: 12534
Ion Ratio Lower Upper
248 100
250 181.7 76.9 115.3#
141 542.9 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: BF109082.D

Acq: 18 Sep 2018 7:39

Instrument :

BNA_F

ClientSampleId :

091318-JETT-E-D-B

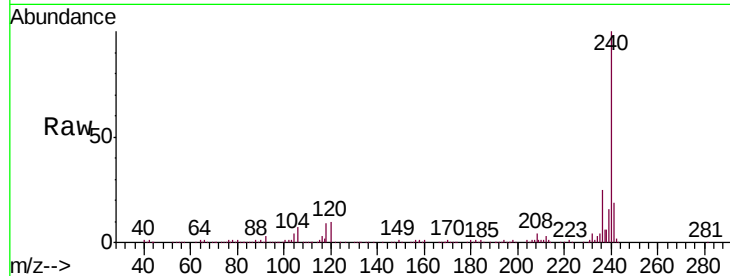
Tgt Ion:240 Resp: 328144

Ion Ratio Lower Upper

240 100

120 10.3 9.5 14.3

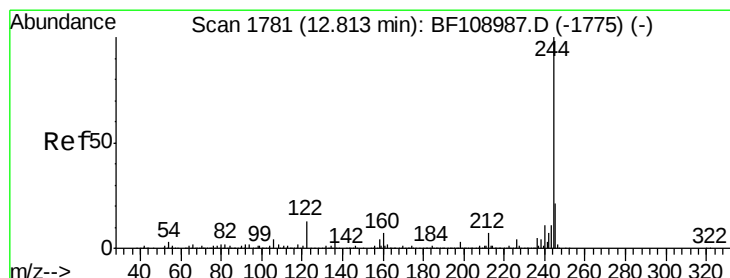
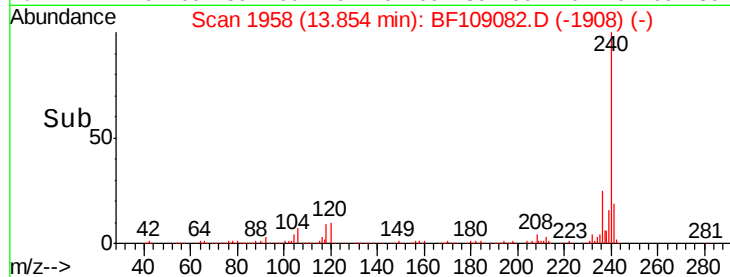
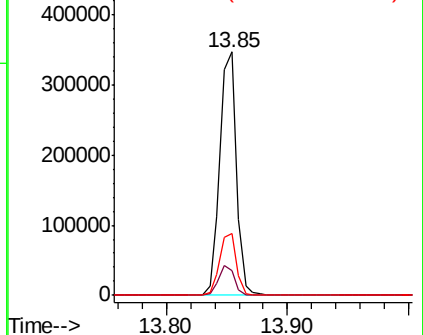
236 25.5 20.7 31.1



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: 91.558 ng

RT: 12.81 min Scan# 1781

Delta R.T. -0.00 min

Lab File: BF109082.D

Acq: 18 Sep 2018 7:39

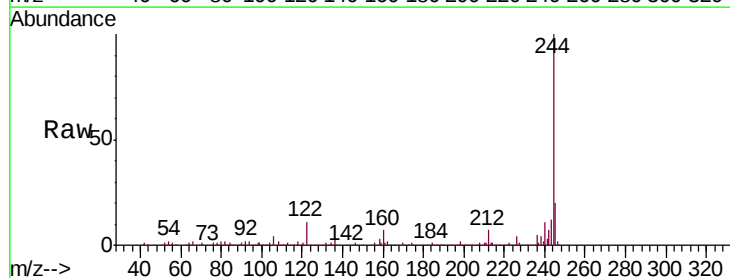
Tgt Ion:244 Resp: 1267551

Ion Ratio Lower Upper

244 100

212 7.2 5.4 8.0

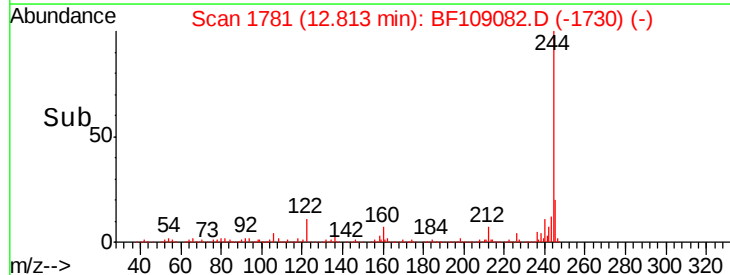
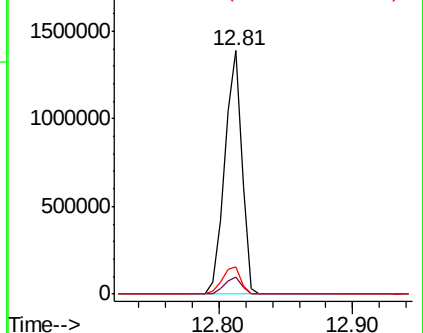
122 11.3 11.0 16.4

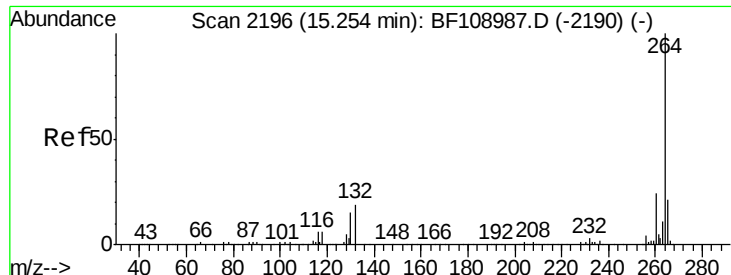


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E





#86
Perylene-d12
Concen: 20.000 ng
RT: 15.25 min Scan# 2196
Delta R.T. -0.00 min
Lab File: BF109082.D
Acq: 18 Sep 2018 7:39

Instrument :
BNA_F
ClientSampleId :
091318-JETT-E-D-B

Tgt Ion: 264 Resp: 274970
Ion Ratio Lower Upper
264 100
260 23.9 19.2 28.8
265 21.6 17.5 26.3

