

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF091718\
 Data File : BF109042.D
 Acq On : 17 Sep 2018 12:31
 Operator : JU/SJ
 Sample : J4774-03 5X
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 OK-01-091418

Quant Time: Sep 17 14:28:54 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

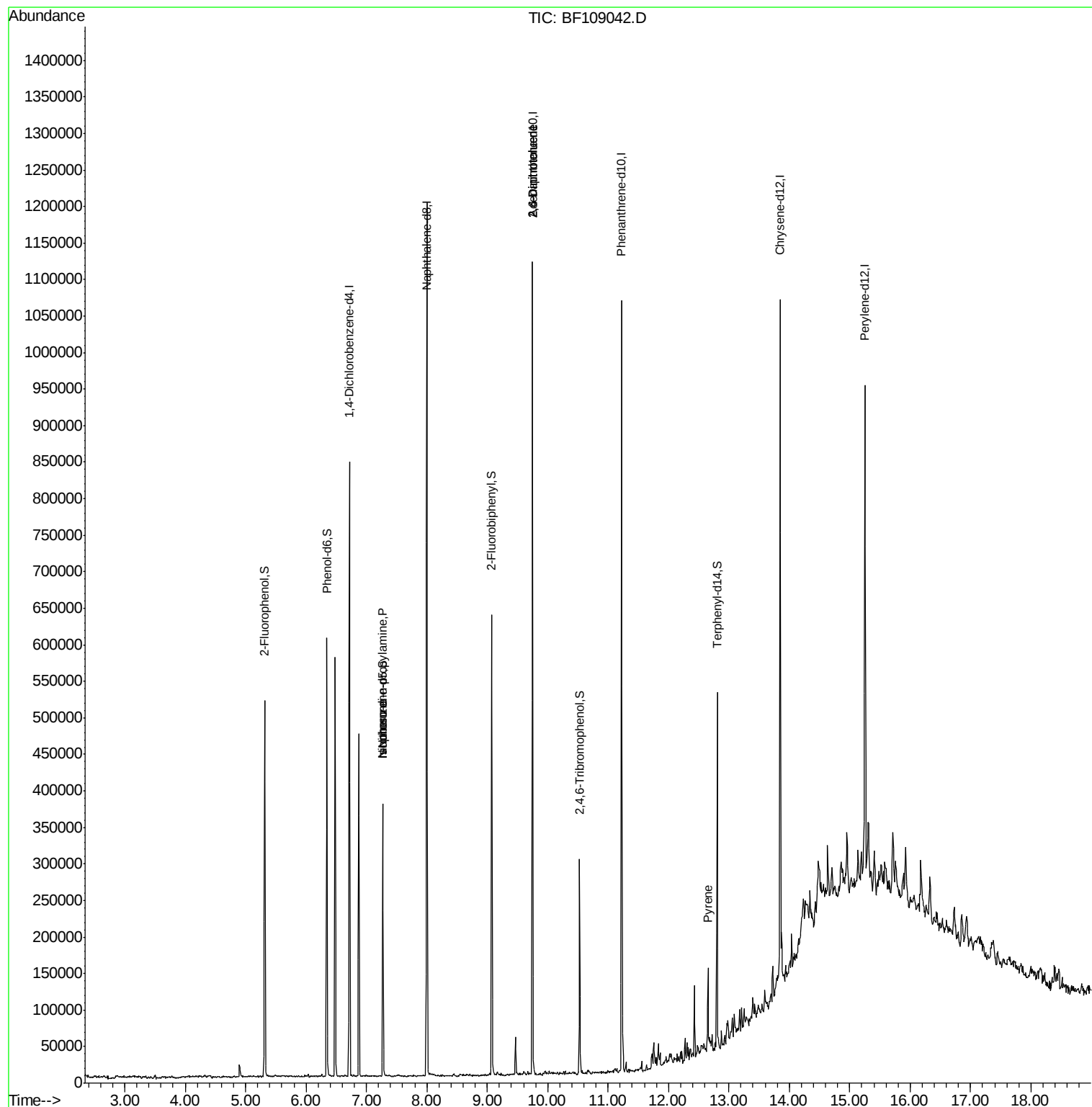
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.72	152	110285	20.00	ng	0.00
21) Naphthalene-d8	8.00	136	447350	20.00	ng	0.00
38) Acenaphthene-d10	9.75	164	196377	20.00	ng	0.00
63) Phenanthrene-d10	11.22	188	345511	20.00	ng	0.00
75) Chrysene-d12	13.85	240	286882	20.00	ng	-0.01
86) Perylene-d12	15.25	264	293055	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.31	112	135752	20.44	ng	-0.01
7) Phenol-d6	6.34	99	168570	19.69	ng	-0.02
23) Nitrobenzene-d5	7.27	82	104679	13.12	ng	-0.02
41) 2,4,6-Tribromophenol	10.53	330	34807	16.33	ng	-0.01
44) 2-Fluorobiphenyl	9.07	172	186435	14.87	ng	-0.01
78) Terphenyl-d14	12.81	244	158082	13.06	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propylamine	7.27	70	13747	2.429	ng	# 77
25) Isophorone	7.27	82	104565	7.627	ng	# 64
50) 2,6-Dinitrotoluene	9.75	165	24861	7.987	ng	# 25
56) 2,4-Dinitrotoluene	9.75	165	24861	6.107	ng	# 23
77) Pyrene	12.65	202	44582	2.092	ng	97

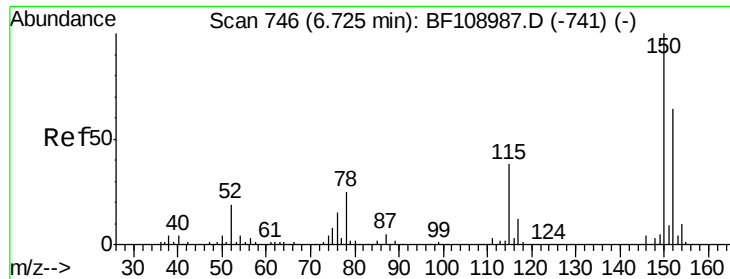
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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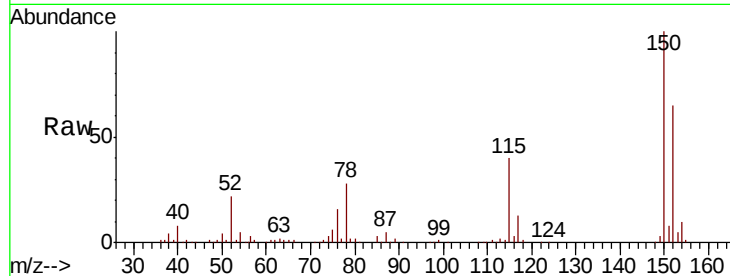


#1

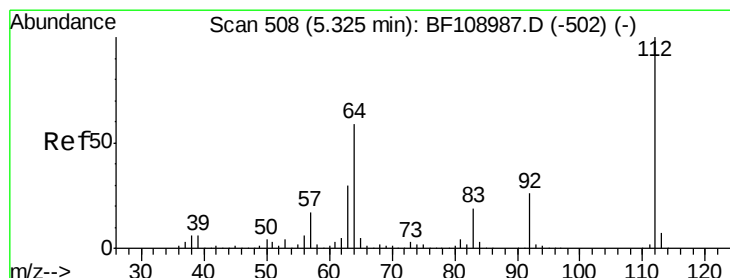
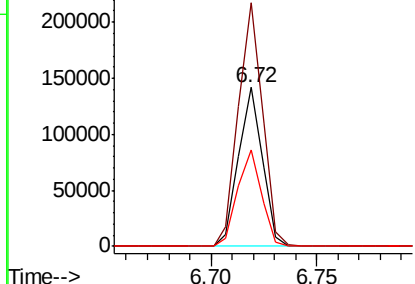
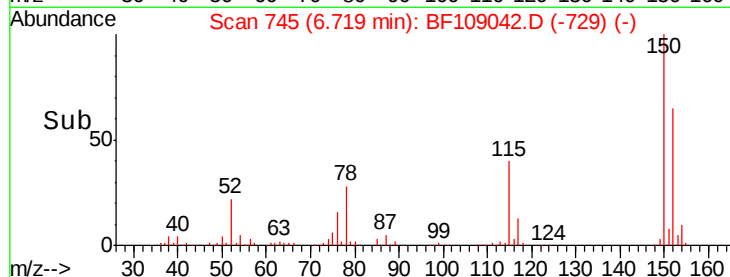
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.72 min Scan# 745
Delta R.T. -0.01 min
Lab File: BF109042.D
Acq: 17 Sep 2018 12:31

Instrument :
BNA_F
ClientSampleId :
OK-01-091418

Tot Ion:152 Resp: 110285
Ion Ratio Lower Upper
152 100
150 153.5 124.6 186.8
115 60.9 50.1 75.1



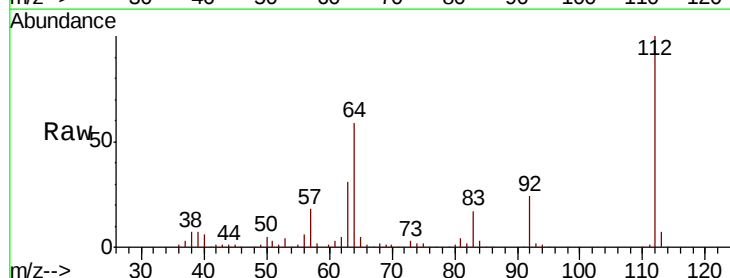
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



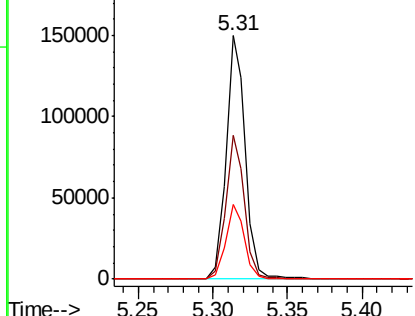
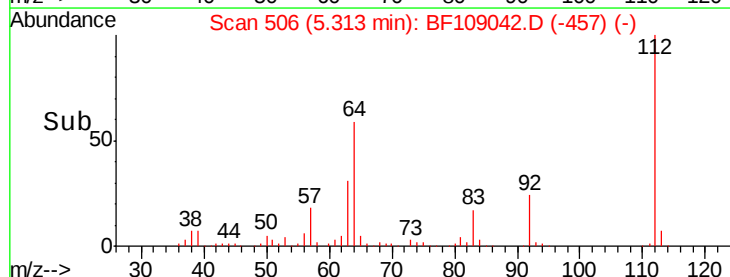
#5

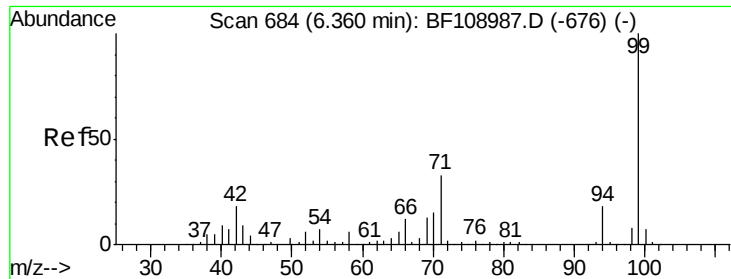
2-Fluorophenol
Concen: 20.444 ng
RT: 5.31 min Scan# 506
Delta R.T. -0.01 min
Lab File: BF109042.D
Acq: 17 Sep 2018 12:31

Tgt Ion:112 Resp: 135752
Ion Ratio Lower Upper
112 100
64 59.1 47.9 71.9
63 30.6 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: 19.688 ng

RT: 6.34 min Scan# 681

Delta R.T. -0.02 min

Lab File: BF109042.D

Acq: 17 Sep 2018 12:31

Instrument :

BNA_F

ClientSampleId :

OK-01-091418

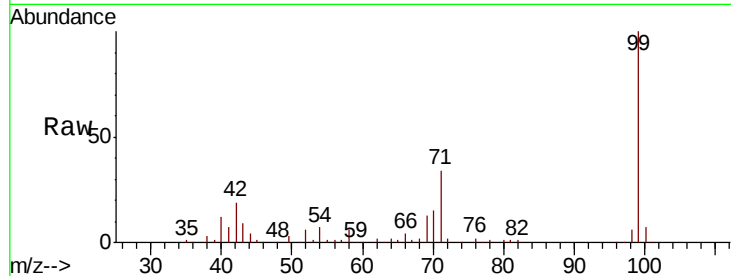
Tot Ion: 99 Resp: 168570

Ion Ratio Lower Upper

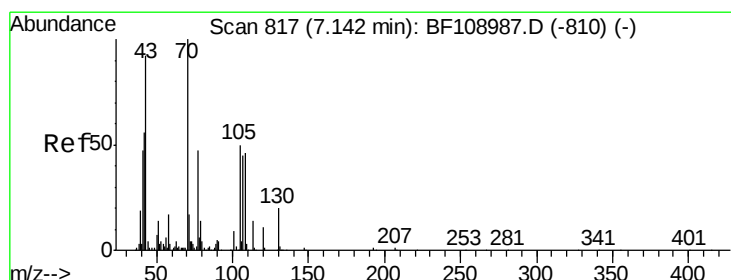
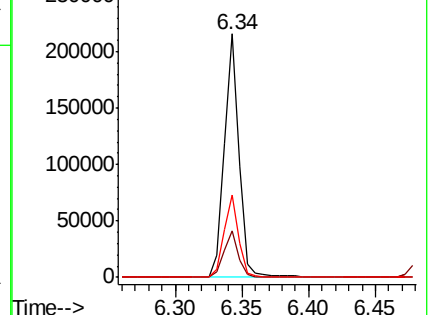
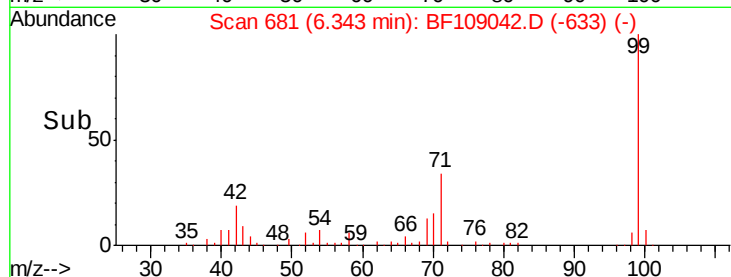
99 100

42 19.2 14.5 21.7

71 33.9 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: 2.429 ng

RT: 7.27 min Scan# 839

Delta R.T. 0.13 min

Lab File: BF109042.D

Acq: 17 Sep 2018 12:31

Tgt Ion: 70 Resp: 13747

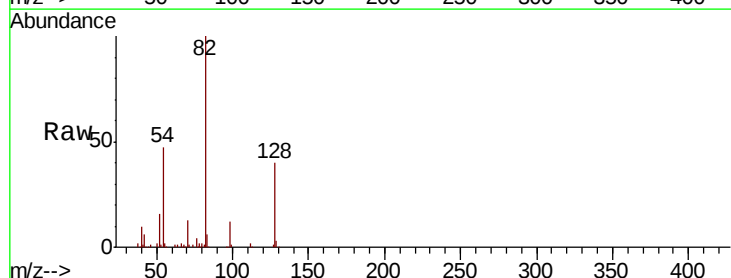
Ion Ratio Lower Upper

70 100

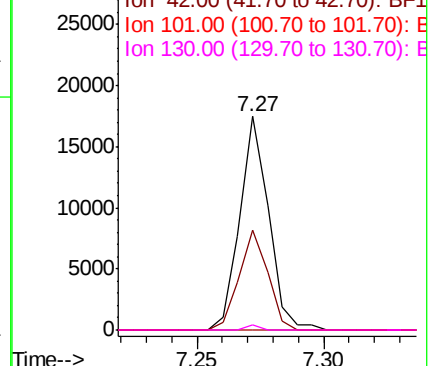
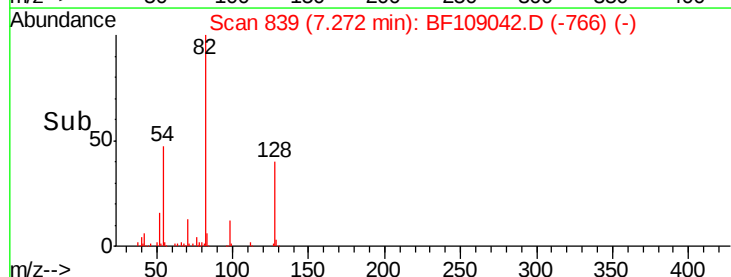
42 46.7 47.5 71.3#

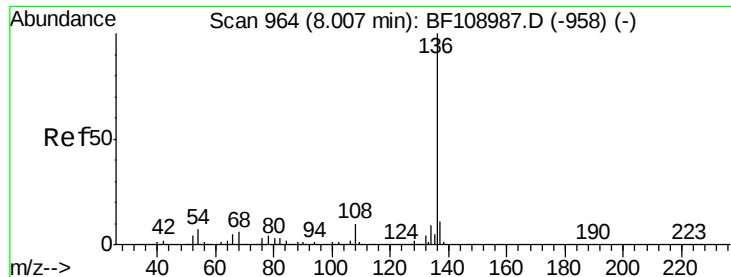
101 0.0 7.4 11.2#

130 2.2 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: 20.000 ng

RT: 8.00 min Scan# 963

Delta R.T. -0.01 min

Lab File: BF109042.D

Acq: 17 Sep 2018 12:31

Instrument :

BNA_F

ClientSampleId :

OK-01-091418

Tot Ion:136 Resp: 447350

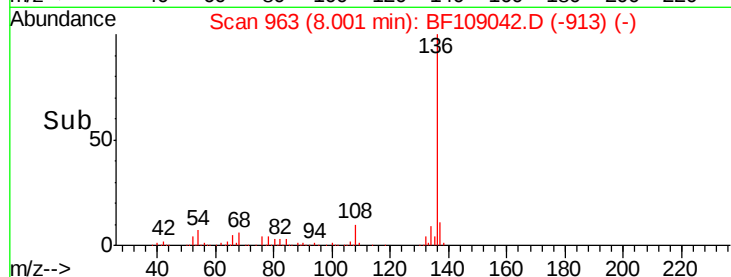
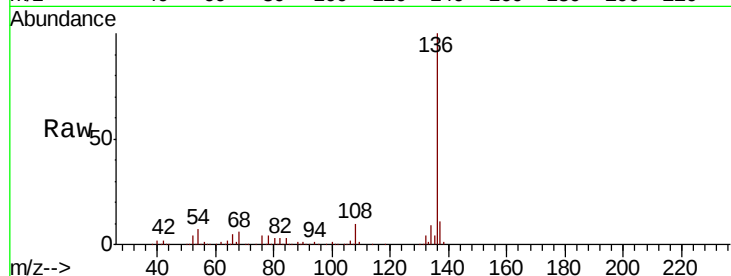
Ion Ratio Lower Upper

136 100

137 11.1 8.9 13.3

54 7.1 6.6 9.8

68 5.9 5.0 7.4

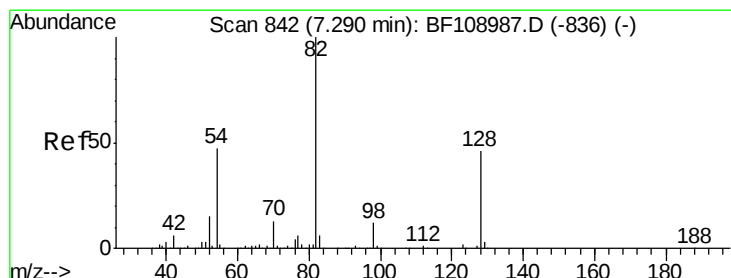
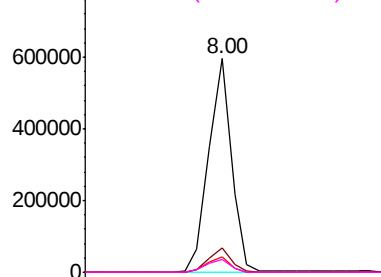


Abundance Ion 136.00 (135.70 to 136.70): E

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: 13.125 ng

RT: 7.27 min Scan# 839

Delta R.T. -0.02 min

Lab File: BF109042.D

Acq: 17 Sep 2018 12:31

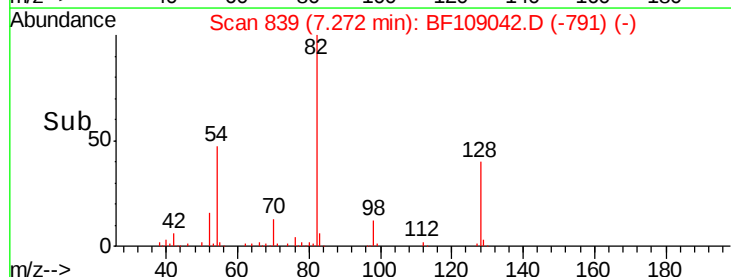
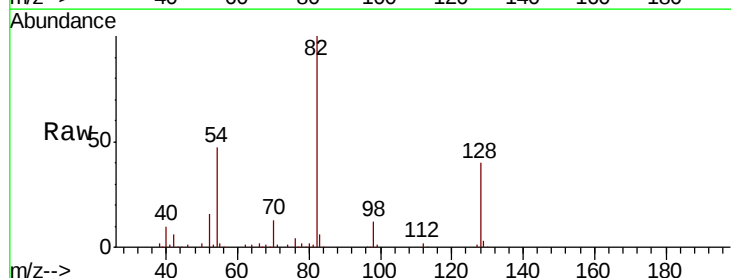
Tgt Ion: 82 Resp: 104679

Ion Ratio Lower Upper

82 100

128 40.2 36.1 54.1

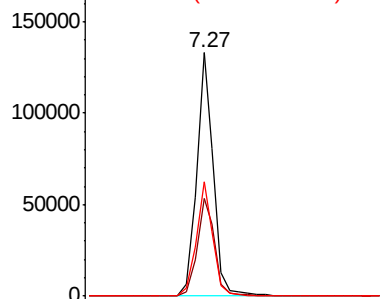
54 47.1 41.4 62.2

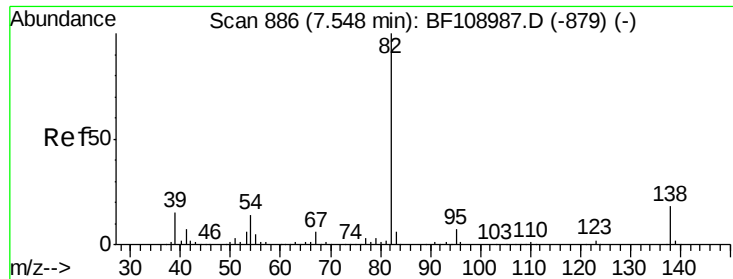


Abundance Ion 82.00 (81.70 to 82.70): BF1

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BF1





#25

Isophorone

Concen: 7.627 ng

RT: 7.27 min Scan# 839

Delta R.T. -0.28 min

Lab File: BF109042.D

Acq: 17 Sep 2018 12:31

Instrument :

BNA_F

ClientSampleId :

OK-01-091418

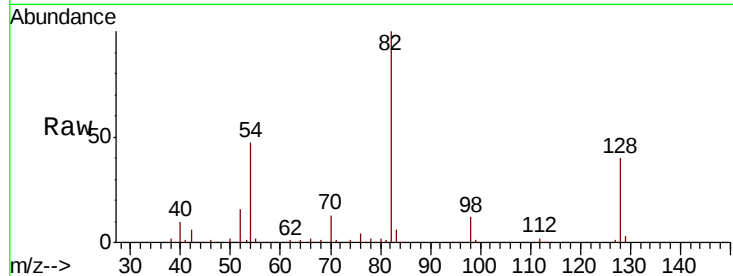
Tot Ion: 82 Resp: 104565

Ion Ratio Lower Upper

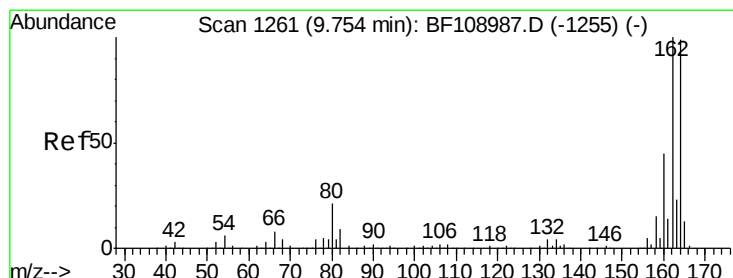
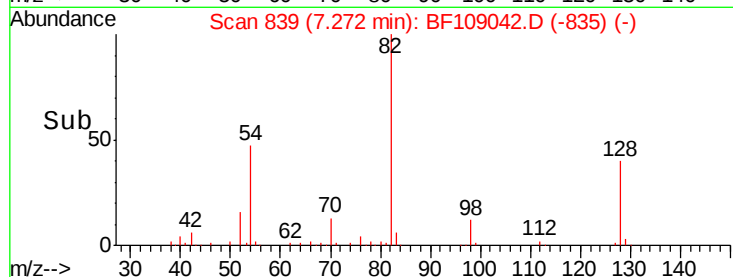
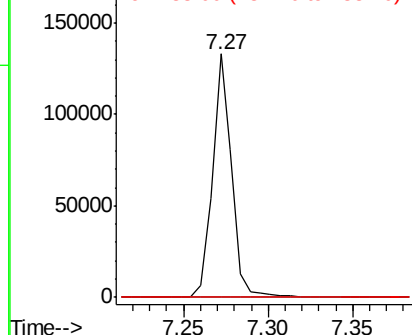
82 100

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): E



#38

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.75 min Scan# 1260

Delta R.T. -0.01 min

Lab File: BF109042.D

Acq: 17 Sep 2018 12:31

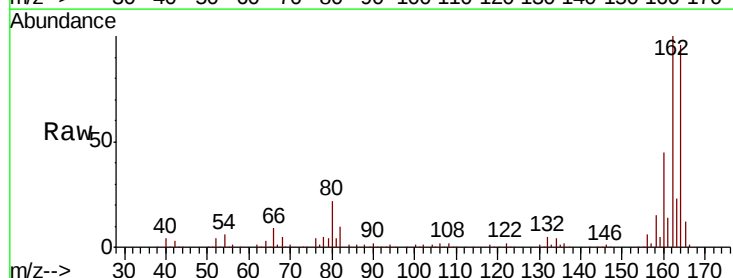
Tgt Ion: 164 Resp: 196377

Ion Ratio Lower Upper

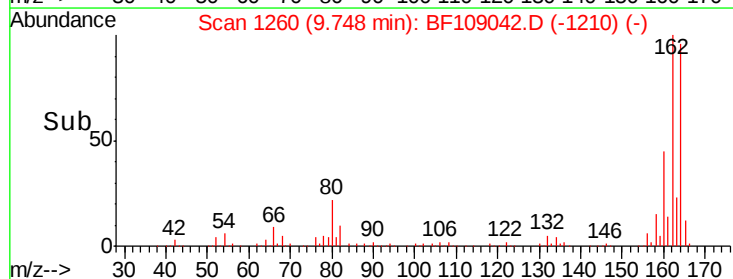
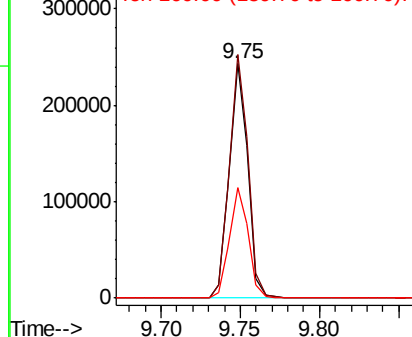
164 100

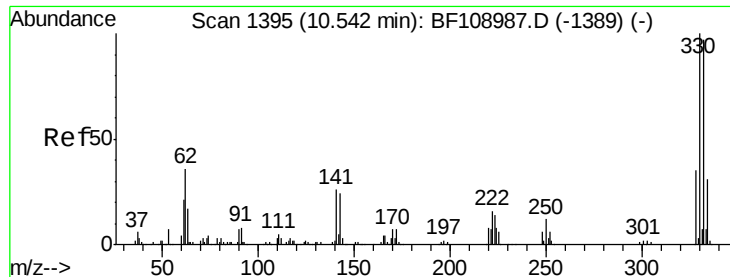
162 103.8 86.1 129.1

160 46.9 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: 16.332 ng

RT: 10.53 min Scan# 1393

Delta R.T. -0.01 min

Lab File: BF109042.D

Acq: 17 Sep 2018 12:31

Instrument :

BNA_F

ClientSampleId :

OK-01-091418

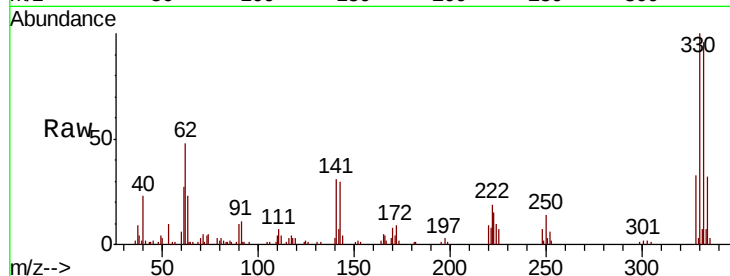
Tot Ion:330 Resp: 34807

Ion Ratio Lower Upper

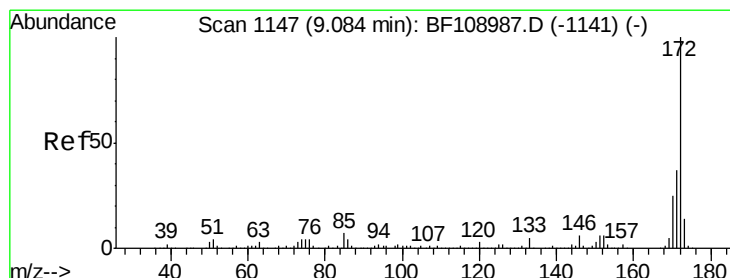
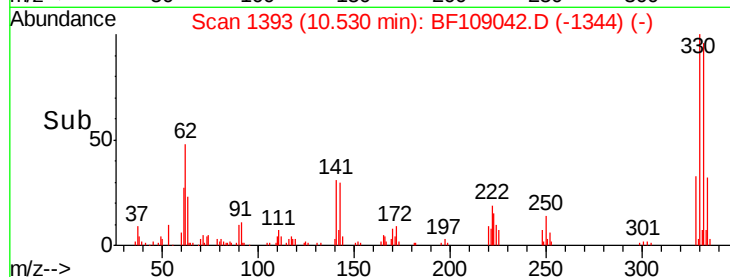
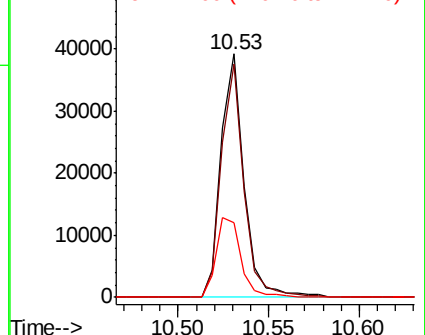
330 100

332 94.1 77.0 115.6

141 35.3 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: 14.874 ng

RT: 9.07 min Scan# 1145

Delta R.T. -0.01 min

Lab File: BF109042.D

Acq: 17 Sep 2018 12:31

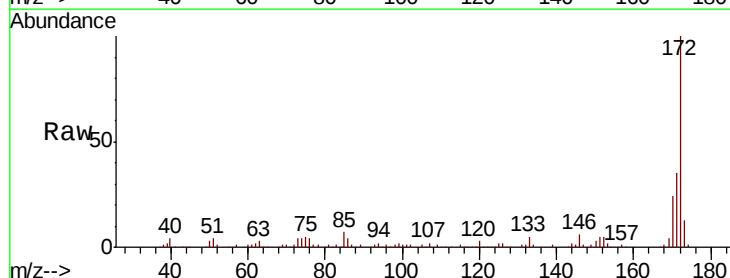
Tgt Ion:172 Resp: 186435

Ion Ratio Lower Upper

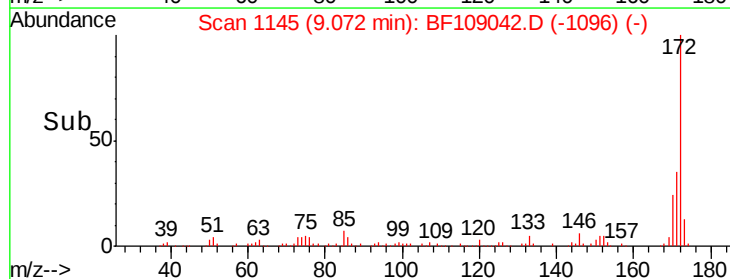
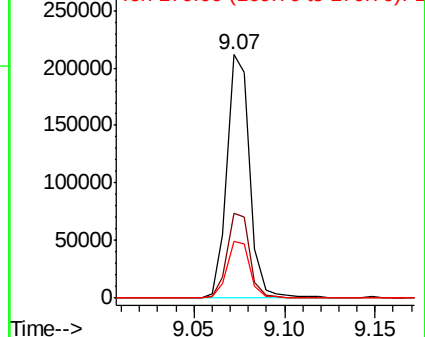
172 100

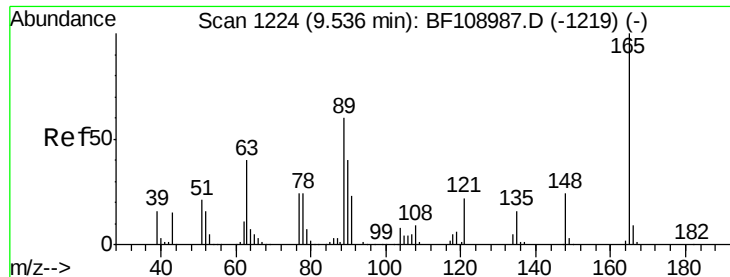
171 34.8 29.7 44.5

170 23.5 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





#50

2,6-Dinitrotoluene

Concen: 7.987 ng

RT: 9.75 min Scan# 1260

Delta R.T. 0.21 min

Lab File: BF109042.D

Acq: 17 Sep 2018 12:31

Instrument :

BNA_F

ClientSampleId :

OK-01-091418

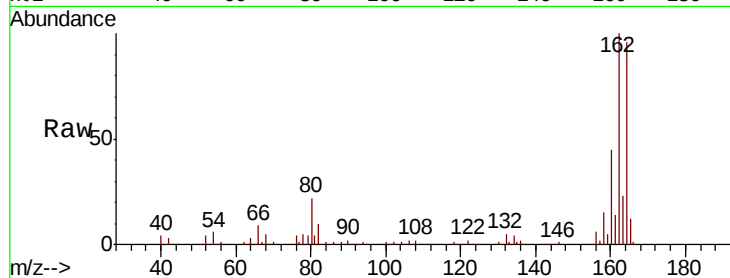
Tot Ion:165 Resp: 24861

Ion Ratio Lower Upper

165 100

63 1.2 44.7 67.1#

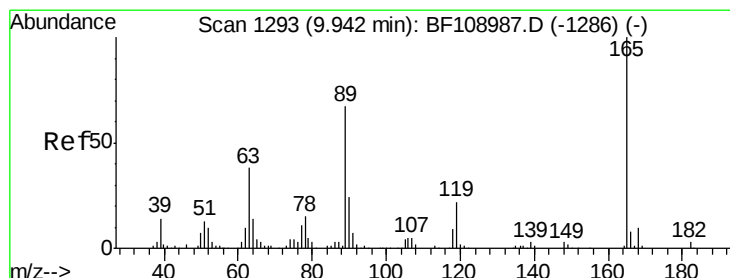
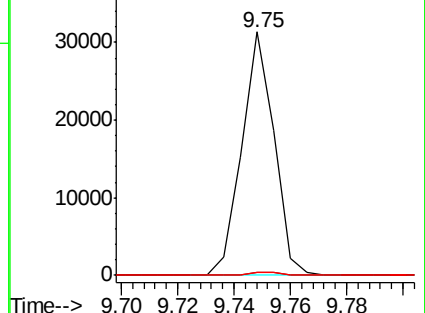
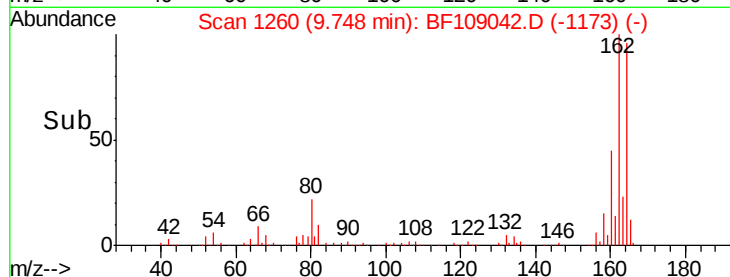
89 1.4 44.0 66.0#



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: 6.107 ng

RT: 9.75 min Scan# 1260

Delta R.T. -0.19 min

Lab File: BF109042.D

Acq: 17 Sep 2018 12:31

Tgt Ion:165 Resp: 24861

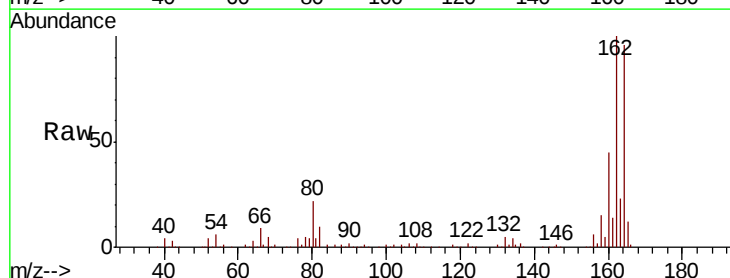
Ion Ratio Lower Upper

165 100

63 1.2 36.4 54.6#

89 1.4 57.8 86.6#

182 0.0 1.6 2.4#

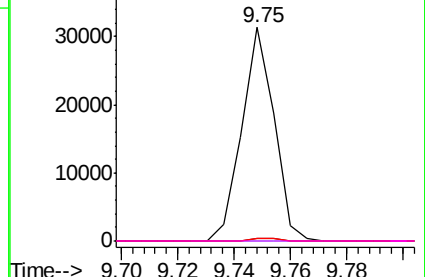
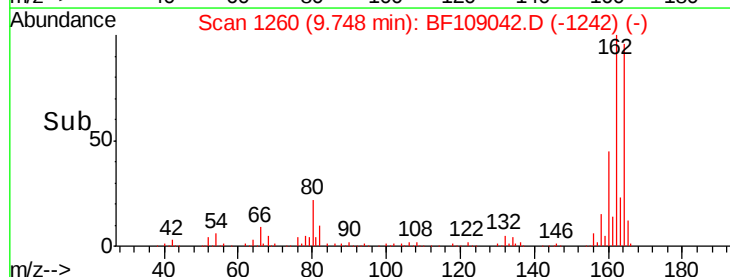


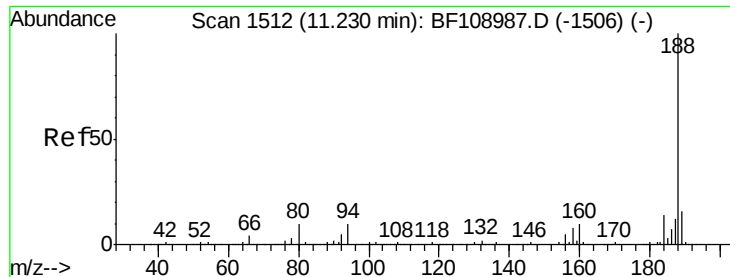
Abundance Ion 165.00 (164.70 to 165.70): E

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

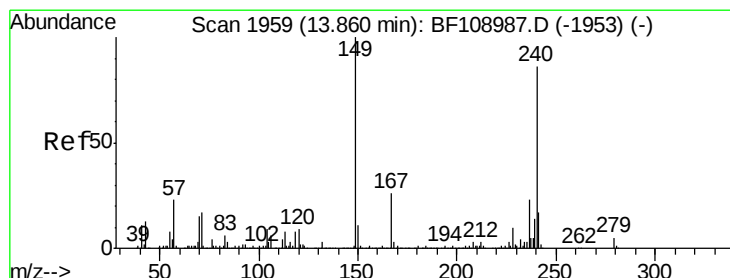
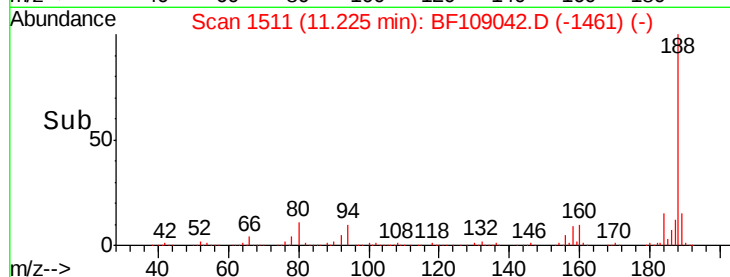
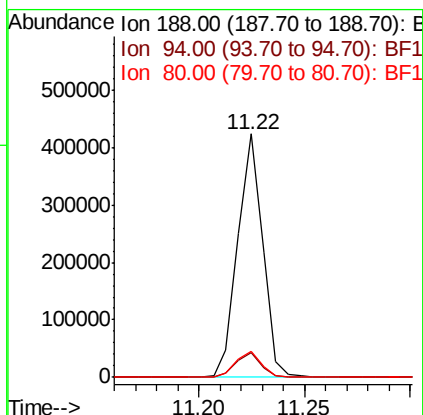
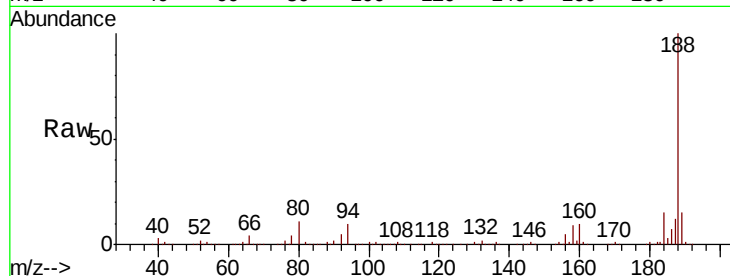




#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.22 min Scan# 1511
Delta R.T. -0.01 min
Lab File: BF109042.D
Acq: 17 Sep 2018 12:31

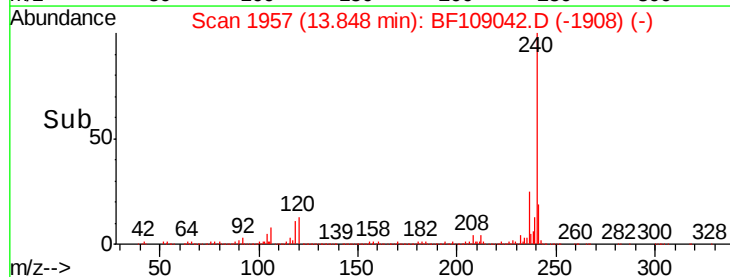
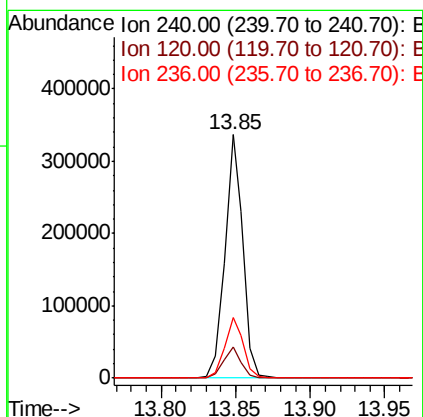
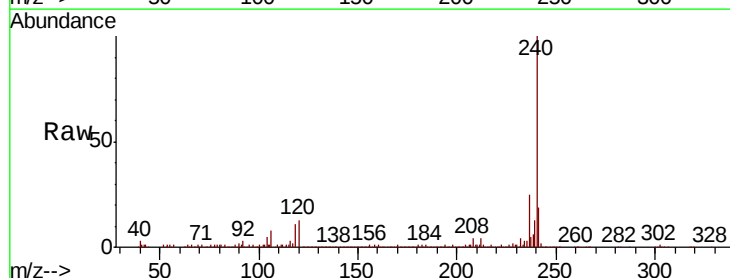
Instrument :
BNA_F
ClientSampleId :
OK-01-091418

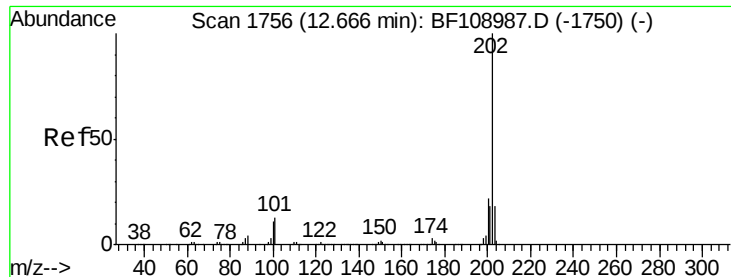
Tot Ion:188 Resp: 345511
Ion Ratio Lower Upper
188 100
94 10.3 8.5 12.7
80 10.6 9.2 13.8



#75
Chrysene-d12
Concen: 20.000 ng
RT: 13.85 min Scan# 1957
Delta R.T. -0.01 min
Lab File: BF109042.D
Acq: 17 Sep 2018 12:31

Tgt Ion:240 Resp: 286882
Ion Ratio Lower Upper
240 100
120 12.6 9.5 14.3
236 25.1 20.7 31.1





#77

Pvrene

Concen: 2.092 ng

RT: 12.65 min Scan# 1754

Delta R.T. -0.01 min

Lab File: BF109042.D

Acq: 17 Sep 2018 12:31

Instrument :

BNA_F

ClientSampleId :

OK-01-091418

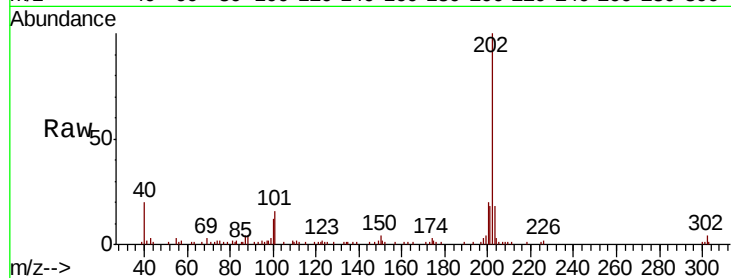
Tot Ion:202 Resp: 44582

Ion Ratio Lower Upper

202 100

200 19.6 17.4 26.2

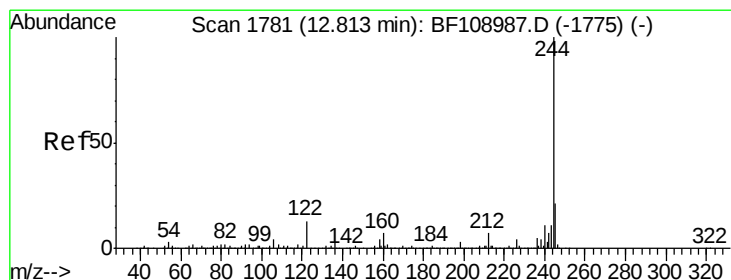
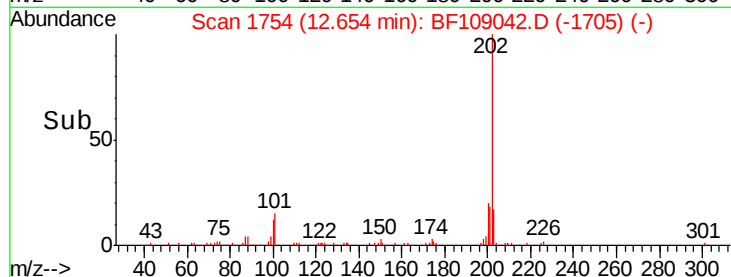
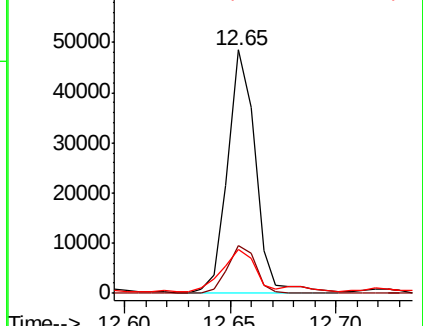
203 18.2 14.3 21.5



Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E



#78

Terphenyl-d14

Concen: 13.061 ng

RT: 12.81 min Scan# 1780

Delta R.T. -0.01 min

Lab File: BF109042.D

Acq: 17 Sep 2018 12:31

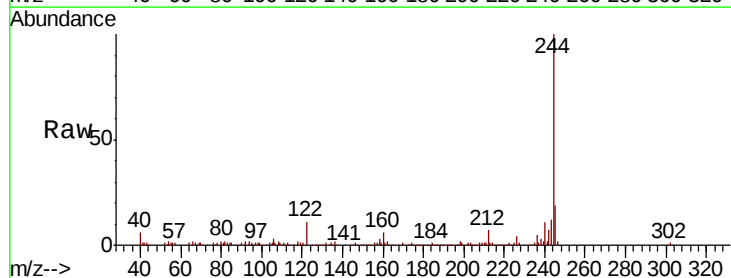
Tgt Ion:244 Resp: 158082

Ion Ratio Lower Upper

244 100

212 6.5 5.4 8.0

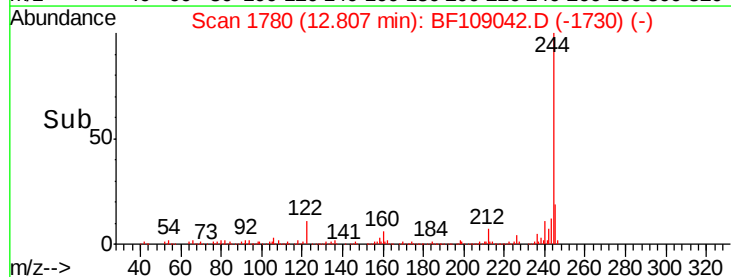
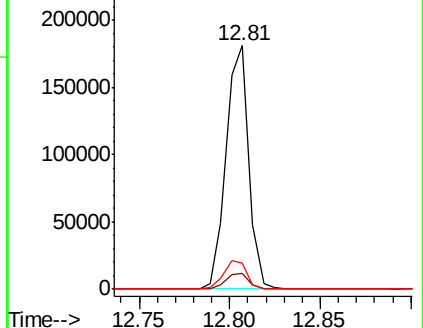
122 10.6 11.0 16.4#

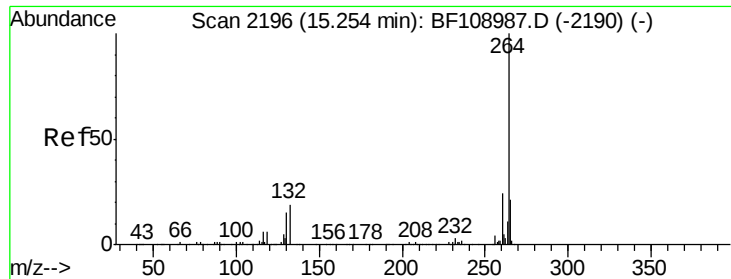


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E





#86
Pervlene-d12
Concen: 20.000 ng
RT: 15.25 min Scan# 2196
Delta R.T. 0.00 min
Lab File: BF109042.D
Acq: 17 Sep 2018 12:31

Instrument :
BNA_F
ClientSampleId :
OK-01-091418

Tot Ion	Ratio	Lower	Upper
264	100		
260	24.4	19.2	28.8
265	21.4	17.5	26.3

