

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF091718\
 Data File : BF109071.D
 Acq On : 18 Sep 2018 2:38
 Operator : JU/SJ
 Sample : J4936-09
 Misc :
 ALS Vial : 33 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PHASE-3

Quant Time: Sep 18 05:20:26 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

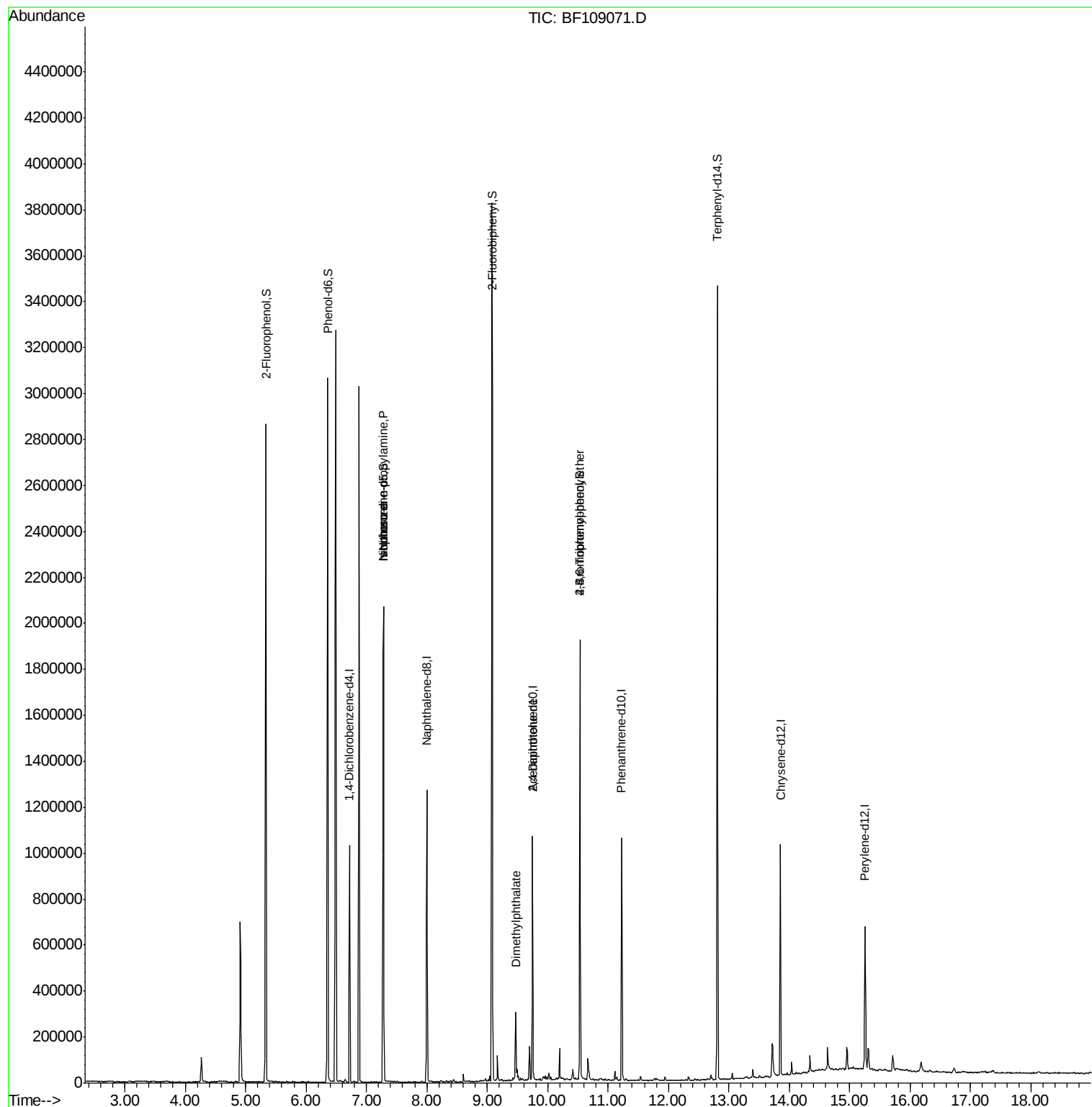
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.72	152	142341	20.00	ng	0.00
21) Naphthalene-d8	8.00	136	498417	20.00	ng	0.00
38) Acenaphthene-d10	9.75	164	209177	20.00	ng	0.00
63) Phenanthrene-d10	11.22	188	388810	20.00	ng	0.00
75) Chrysene-d12	13.85	240	346560	20.00	ng	0.00
86) Perylene-d12	15.25	264	276073	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.34	112	844103	98.49	ng	0.01
7) Phenol-d6	6.36	99	1107111	100.18	ng	0.00
23) Nitrobenzene-d5	7.28	82	700031	78.78	ng	0.00
41) 2,4,6-Tribromophenol	10.54	330	232106	102.24	ng	0.00
44) 2-Fluorobiphenyl	9.08	172	1178624	88.28	ng	0.00
78) Terphenyl-d14	12.81	244	1114250	76.21	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propylamine	7.28	70	94424	12.927	ng	# 77
25) Isophorone	7.28	82	695882	45.556	ng	# 64
49) Dimethylphthalate	9.47	163	117649	7.869	ng	98
56) 2,4-Dinitrotoluene	9.75	165	26975	6.221	ng	# 23
66) 4-Bromophenyl-phenylether	10.54	248	14467	3.300	ng	# 1

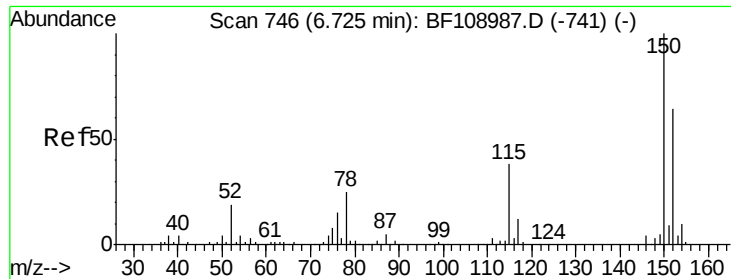
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: BF109071.D

Acq: 18 Sep 2018 2:38

Instrument :

BNA_F

ClientSampleId :

PHASE-3

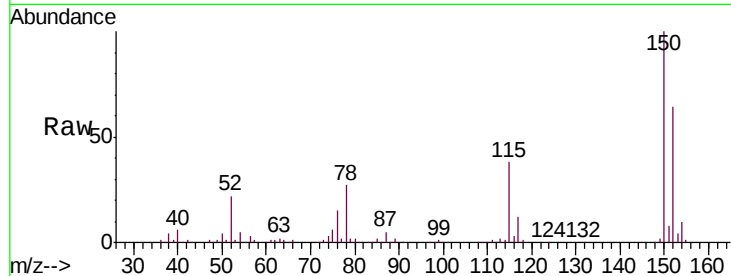
Tgt Ion:152 Resp: 142341

Ion Ratio Lower Upper

152 100

150 157.1 124.6 186.8

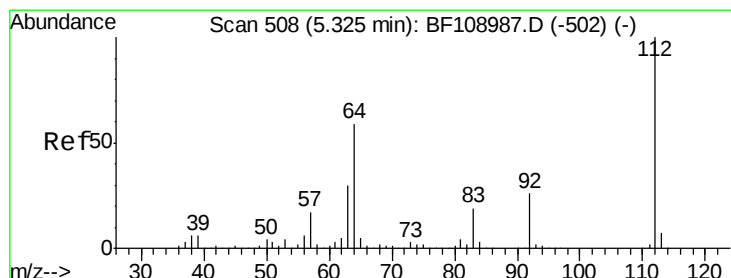
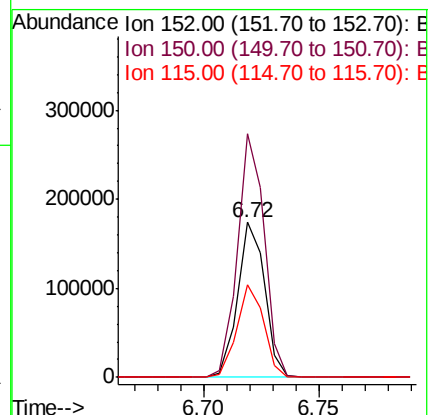
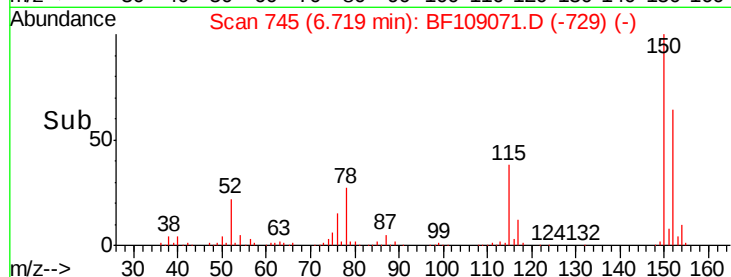
115 59.7 50.1 75.1



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: 98.493 ng

RT: 5.34 min Scan# 510

Delta R.T. 0.01 min

Lab File: BF109071.D

Acq: 18 Sep 2018 2:38

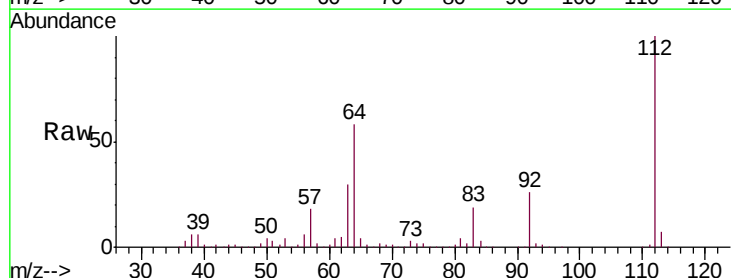
Tgt Ion:112 Resp: 844103

Ion Ratio Lower Upper

112 100

64 58.4 47.9 71.9

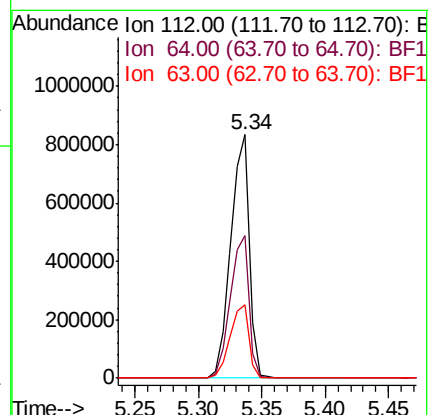
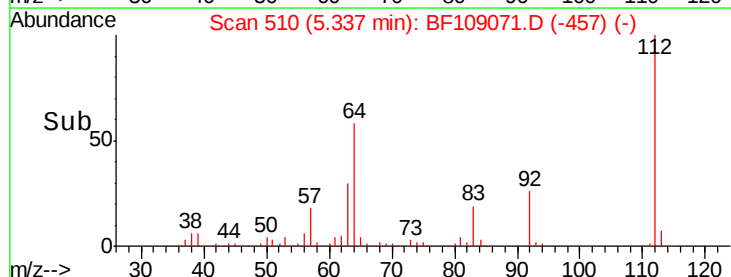
63 30.4 23.7 35.5

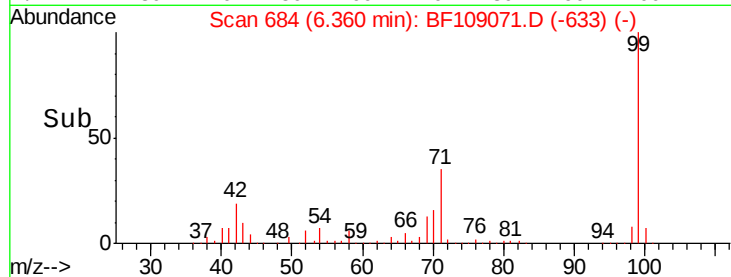
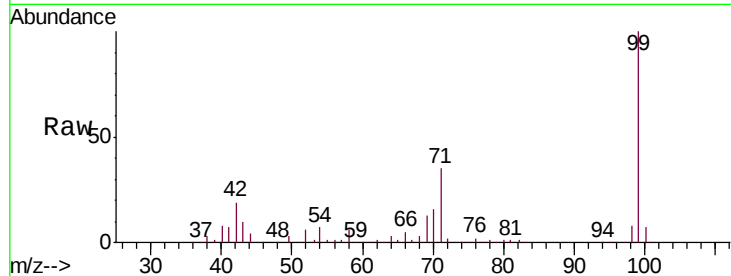
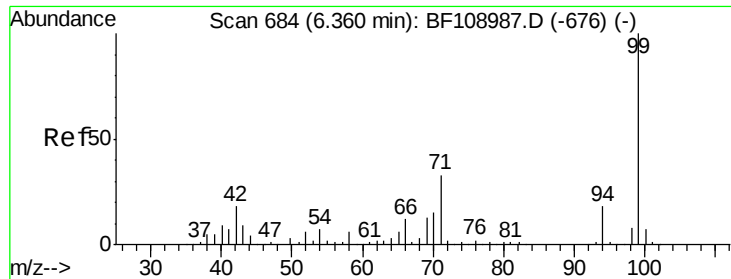


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF1

Ion 63.00 (62.70 to 63.70): BF1





#7

Phenol-d6

Concen: 100.183 ng

RT: 6.36 min Scan# 684

Delta R.T. 0.00 min

Lab File: BF109071.D

Acq: 18 Sep 2018 2:38

Instrument :

BNA_F

ClientSampled :

PHASE-3

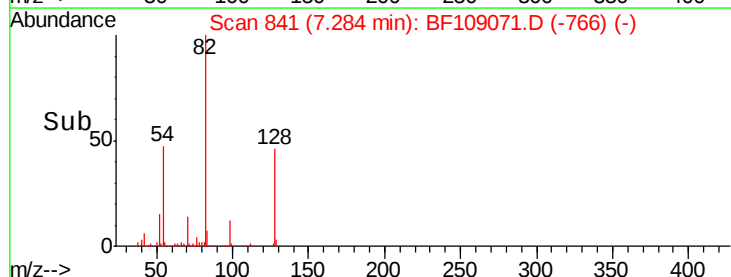
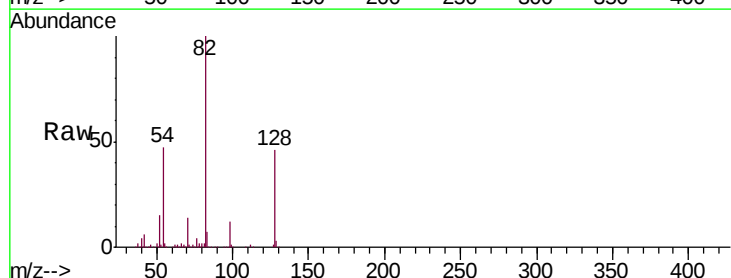
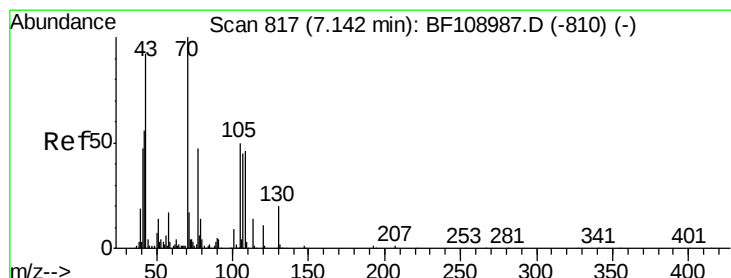
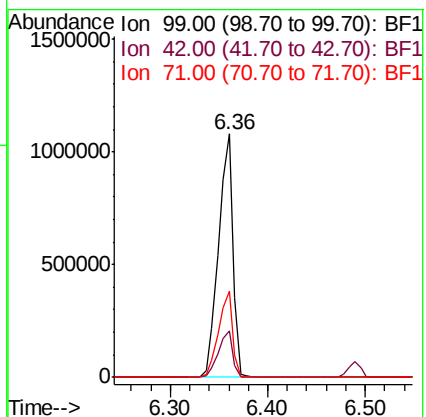
Tgt Ion: 99 Resp: 1107111

Ion Ratio Lower Upper

99 100

42 19.2 14.5 21.7

71 35.2 25.4 38.0



#19

n-Nitroso-di-n-propylamine

Concen: 12.927 ng

RT: 7.28 min Scan# 841

Delta R.T. 0.14 min

Lab File: BF109071.D

Acq: 18 Sep 2018 2:38

Tgt Ion: 70 Resp: 94424

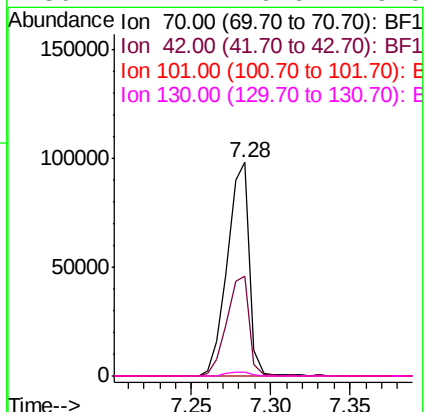
Ion Ratio Lower Upper

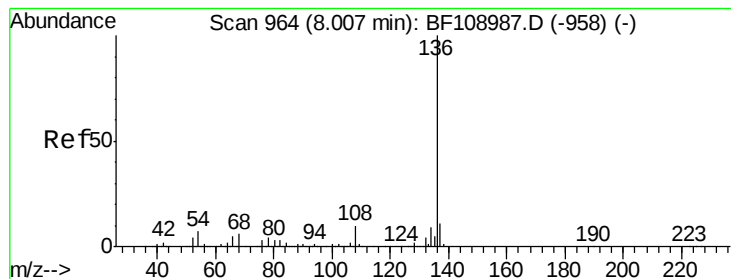
70 100

42 47.0 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: BF109071.D

Acq: 18 Sep 2018 2:38

Instrument :

BNA_F

ClientSampleId :

PHASE-3

Tgt Ion:136 Resp: 498417

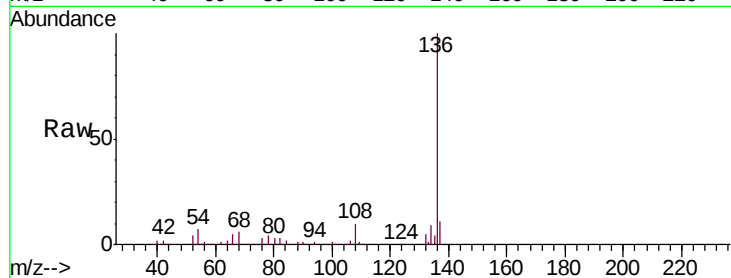
Ion Ratio Lower Upper

136 100

137 11.0 8.9 13.3

54 7.4 6.6 9.8

68 6.2 5.0 7.4

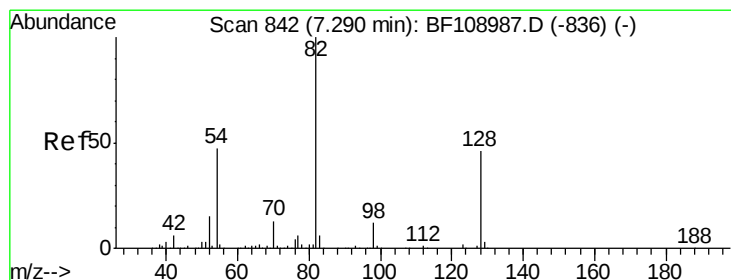
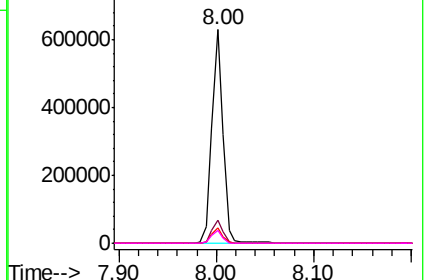
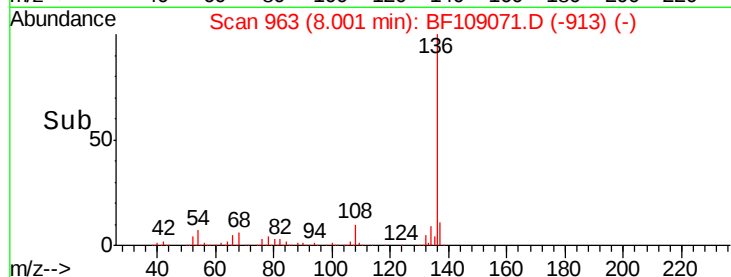


Abundance Ion 136.00 (135.70 to 136.70): E

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: 78.776 ng

RT: 7.28 min Scan# 841

Delta R.T. -0.01 min

Lab File: BF109071.D

Acq: 18 Sep 2018 2:38

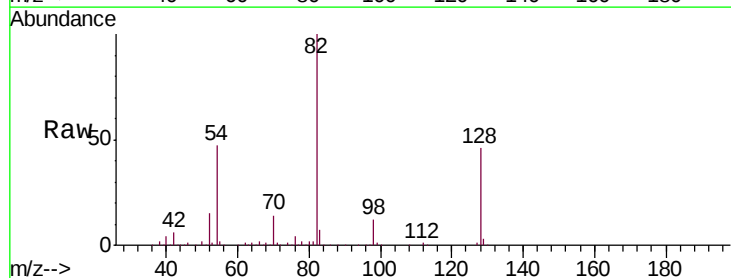
Tgt Ion: 82 Resp: 700031

Ion Ratio Lower Upper

82 100

128 45.7 36.1 54.1

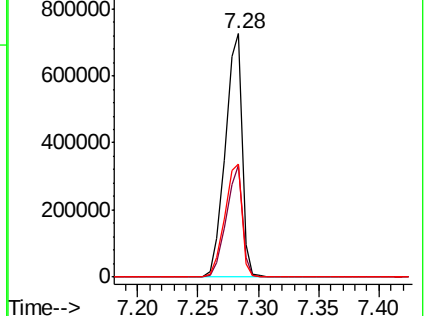
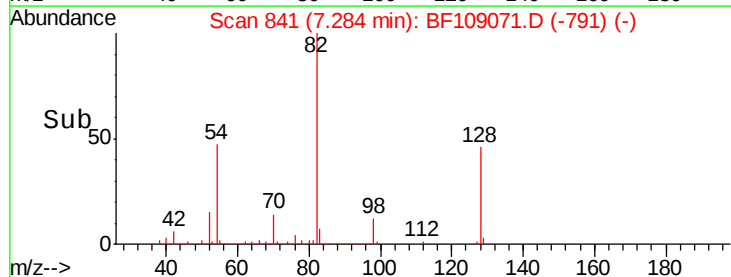
54 46.6 41.4 62.2

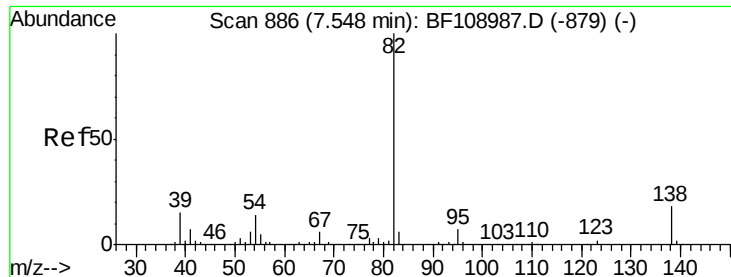


Abundance Ion 82.00 (81.70 to 82.70): BF1

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BF1





#25

Isophorone

Concen: 45.556 ng

RT: 7.28 min Scan# 841

Delta R.T. -0.26 min

Lab File: BF109071.D

Acq: 18 Sep 2018 2:38

Instrument :

BNA_F

ClientSampled :

PHASE-3

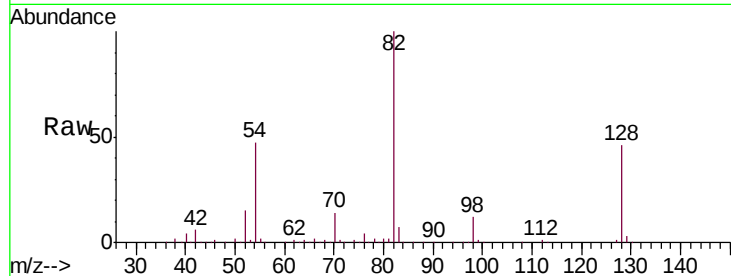
Tgt Ion: 82 Resp: 695882

Ion Ratio Lower Upper

82 100

95 0.0 5.2 7.8#

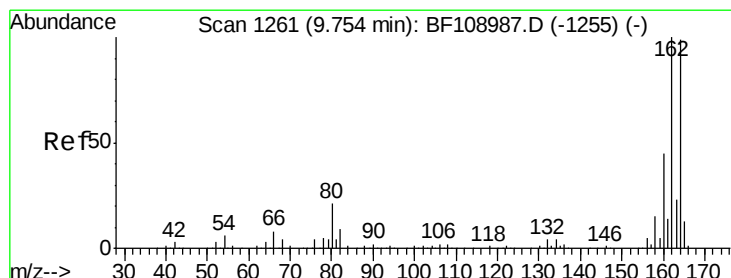
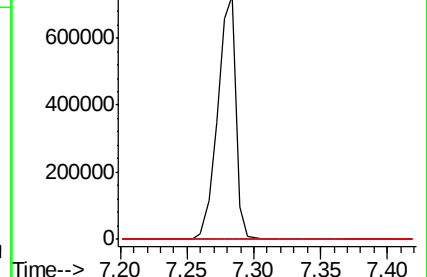
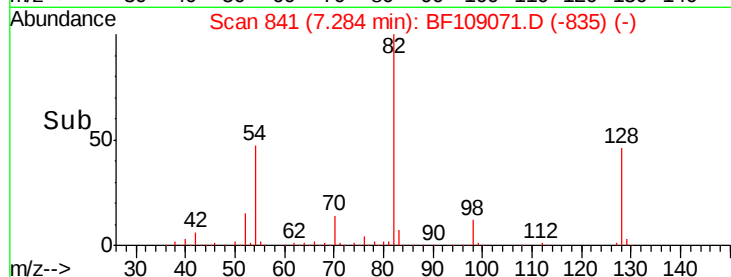
138 0.0 14.9 22.3#



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: BF109071.D

Acq: 18 Sep 2018 2:38

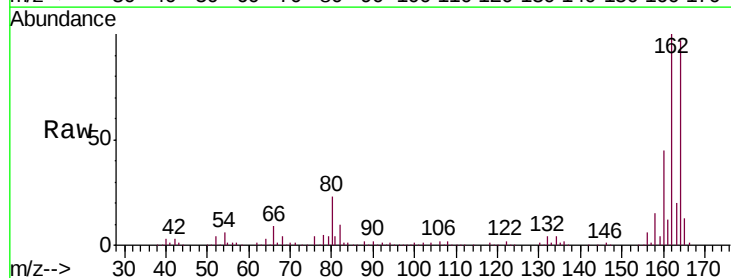
Tgt Ion: 164 Resp: 209177

Ion Ratio Lower Upper

164 100

162 103.1 86.1 129.1

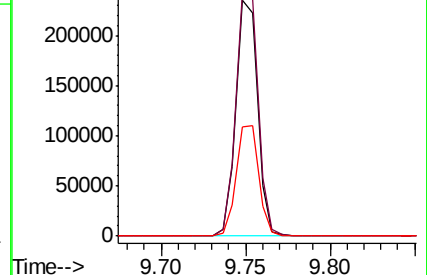
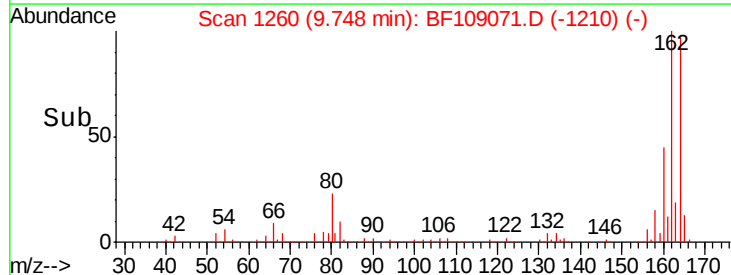
160 46.2 38.3 57.5

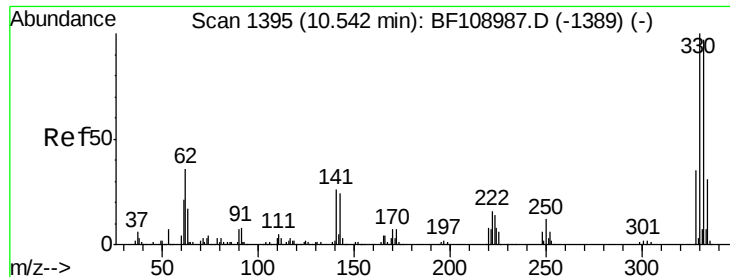


Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E

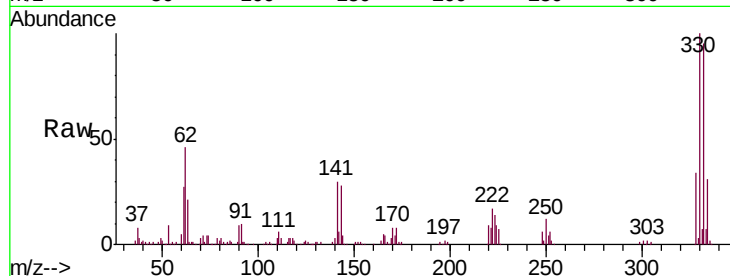




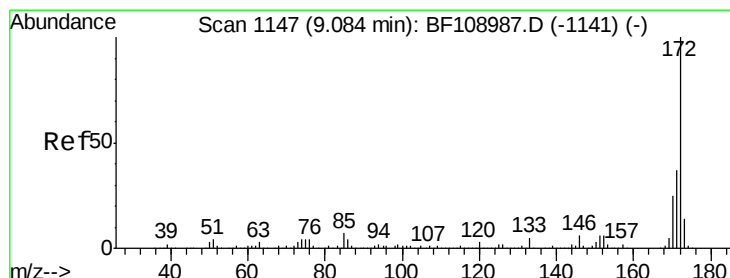
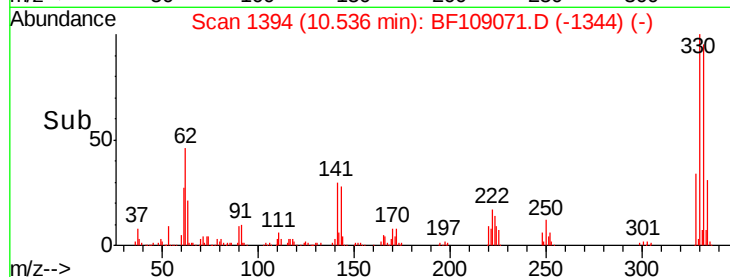
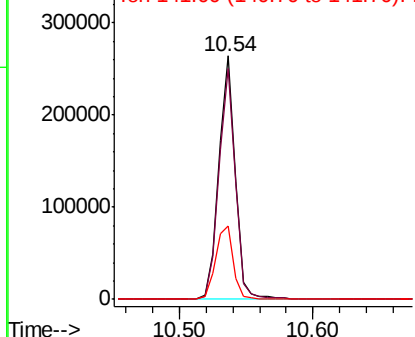
#41
 2,4,6-Tribromophenol
 Concen: 102.244 ng
 RT: 10.54 min Scan# 1394
 Delta R.T. -0.01 min
 Lab File: BF109071.D
 Acq: 18 Sep 2018 2:38

Instrument :
 BNA_F
 ClientSampleId :
 PHASE-3

Tgt Ion:330 Resp: 232106
 Ion Ratio Lower Upper
 330 100
 332 95.0 77.0 115.6
 141 32.6 29.9 44.9

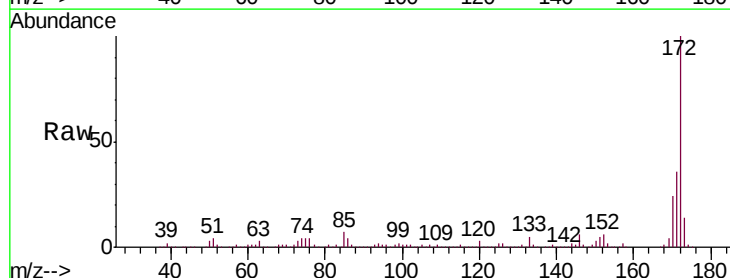


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

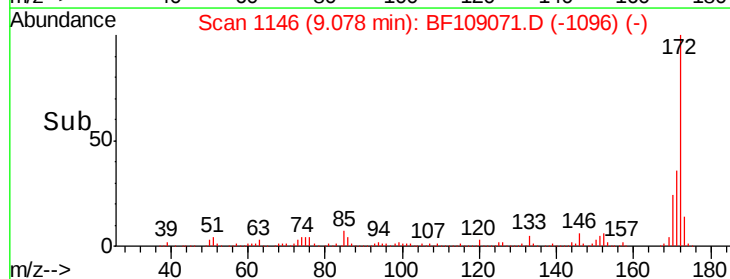
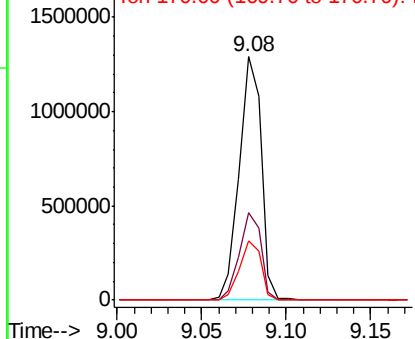


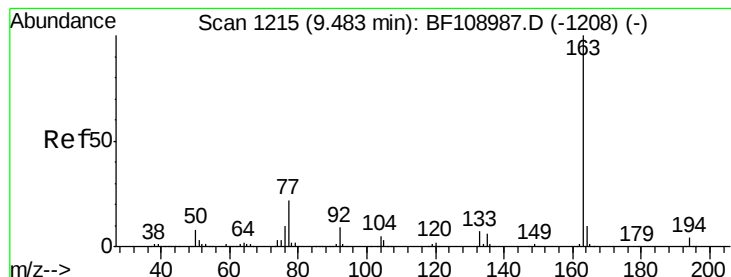
#44
 2-Fluorobiphenyl
 Concen: 88.279 ng
 RT: 9.08 min Scan# 1146
 Delta R.T. -0.01 min
 Lab File: BF109071.D
 Acq: 18 Sep 2018 2:38

Tgt Ion:172 Resp: 1178624
 Ion Ratio Lower Upper
 172 100
 171 36.0 29.7 44.5
 170 24.2 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: 7.869 ng

RT: 9.47 min Scan# 1213

Delta R.T. -0.01 min

Lab File: BF109071.D

Acq: 18 Sep 2018 2:38

Instrument :

BNA_F

ClientSampleId :

PHASE-3

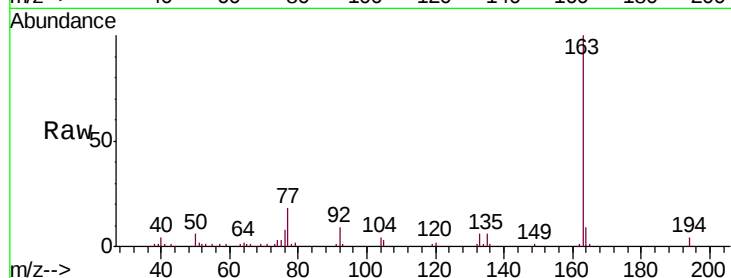
Tgt Ion:163 Resp: 117649

Ion Ratio Lower Upper

163 100

194 4.0 2.7 4.1

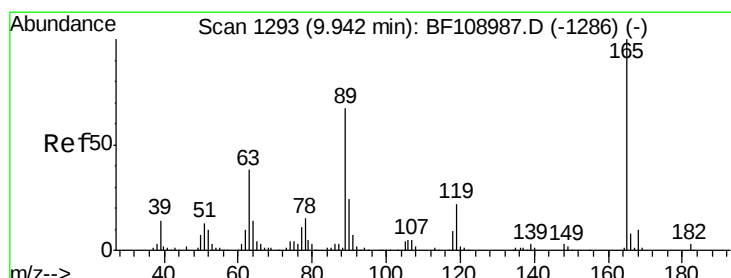
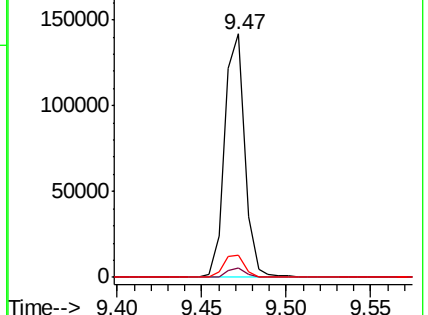
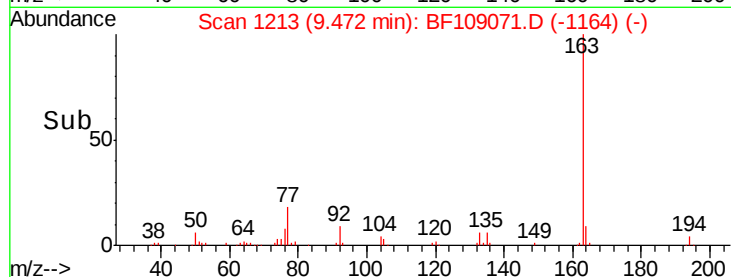
164 9.3 8.2 12.2



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: 6.221 ng

RT: 9.75 min Scan# 1260

Delta R.T. -0.19 min

Lab File: BF109071.D

Acq: 18 Sep 2018 2:38

Tgt Ion:165 Resp: 26975

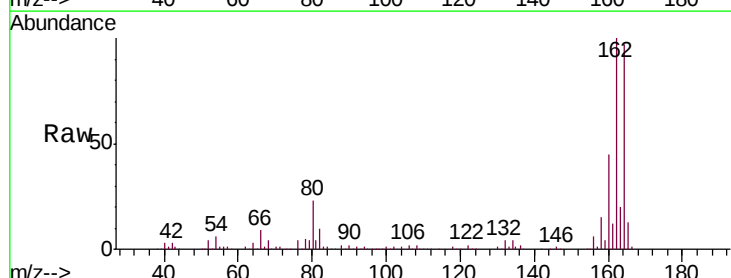
Ion Ratio Lower Upper

165 100

63 1.3 36.4 54.6#

89 1.6 57.8 86.6#

182 0.0 1.6 2.4#

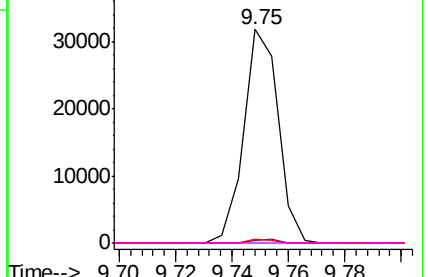
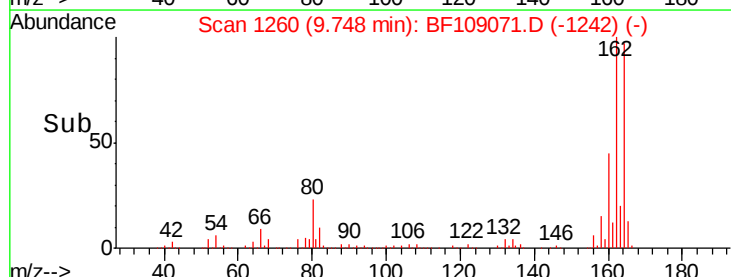


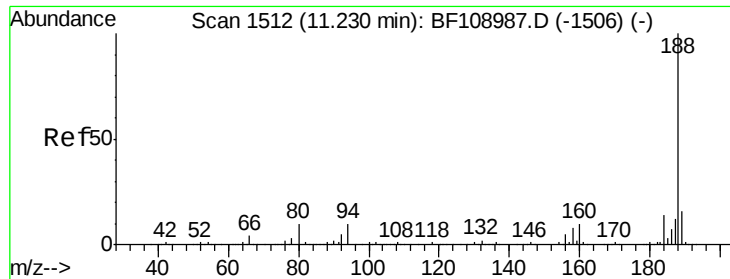
Abundance Ion 165.00 (164.70 to 165.70): E

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

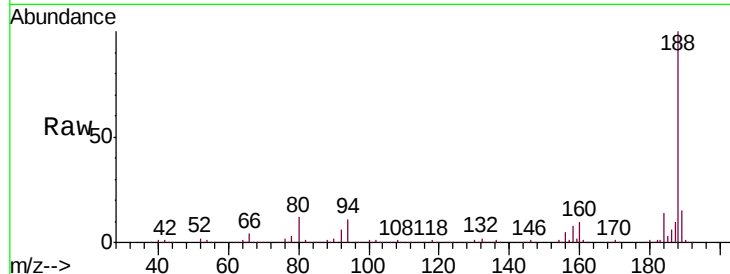




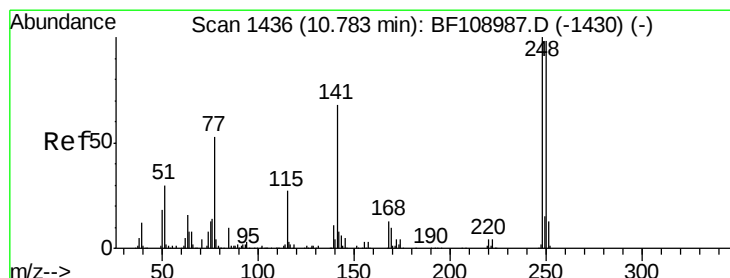
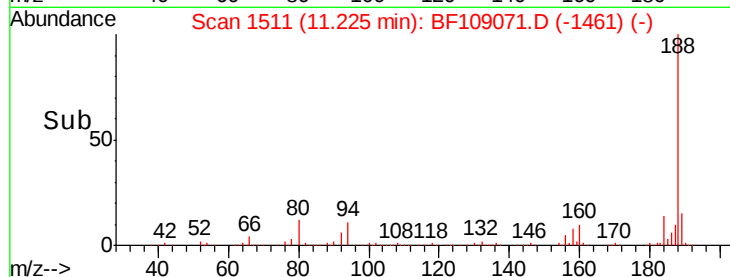
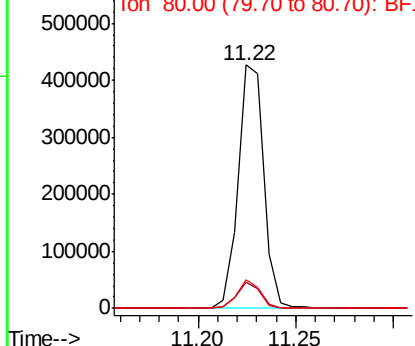
#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.22 min Scan# 1511
Delta R.T. -0.01 min
Lab File: BF109071.D
Acq: 18 Sep 2018 2:38

Instrument :
BNA_F
ClientSampled :
PHASE-3

Tgt Ion:188 Resp: 388810
Ion Ratio Lower Upper
188 100
94 10.9 8.5 12.7
80 11.5 9.2 13.8

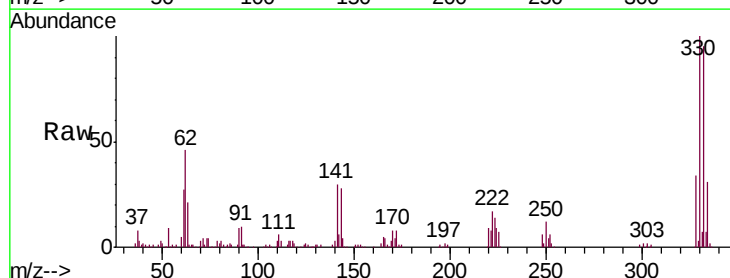


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF1
Ion 80.00 (79.70 to 80.70): BF1

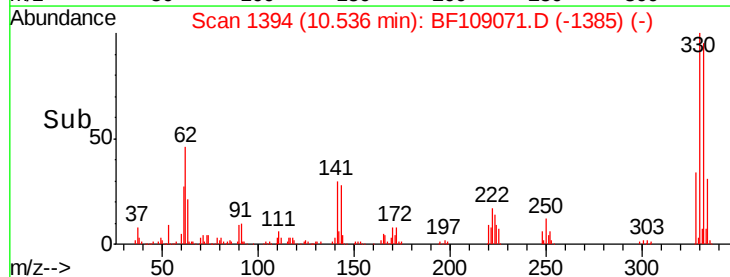
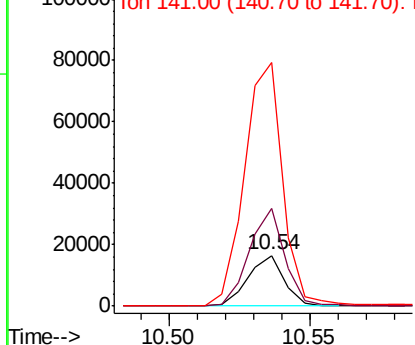


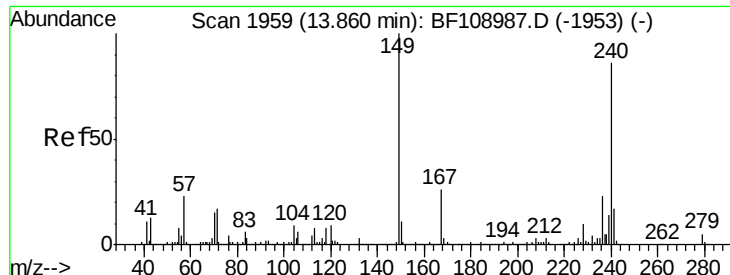
#66
4-Bromophenyl-phenylether
Concen: 3.300 ng
RT: 10.54 min Scan# 1394
Delta R.T. -0.25 min
Lab File: BF109071.D
Acq: 18 Sep 2018 2:38

Tgt Ion:248 Resp: 14467
Ion Ratio Lower Upper
248 100
250 193.1 76.9 115.3#
141 480.1 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: 20.000 ng

RT: 13.85 min Scan# 1958

Delta R.T. -0.01 min

Lab File: BF109071.D

Acq: 18 Sep 2018 2:38

Instrument :

BNA_F

ClientSampleId :

PHASE-3

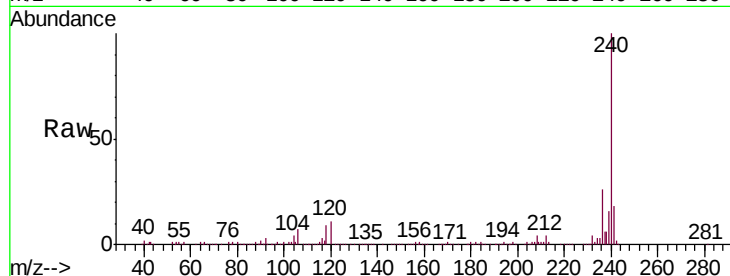
Tgt Ion:240 Resp: 346560

Ion Ratio Lower Upper

240 100

120 10.9 9.5 14.3

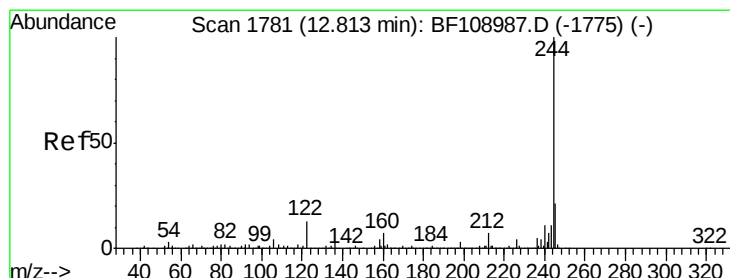
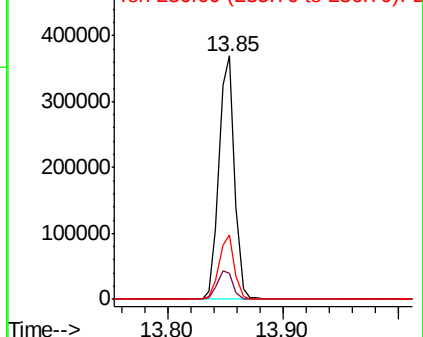
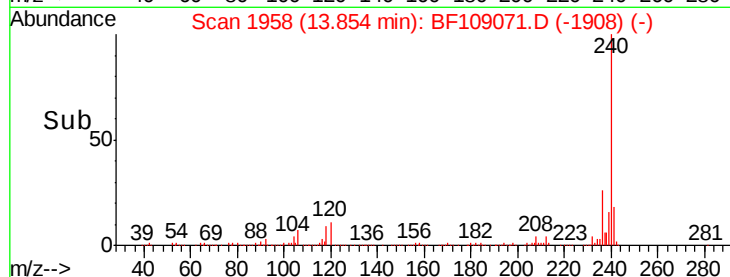
236 26.3 20.7 31.1



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: 76.208 ng

RT: 12.81 min Scan# 1781

Delta R.T. 0.00 min

Lab File: BF109071.D

Acq: 18 Sep 2018 2:38

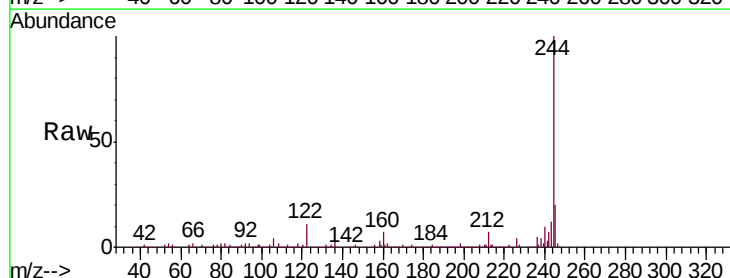
Tgt Ion:244 Resp: 1114250

Ion Ratio Lower Upper

244 100

212 7.1 5.4 8.0

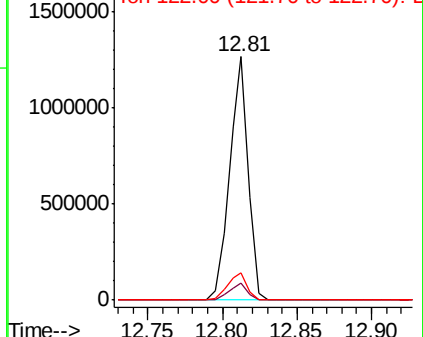
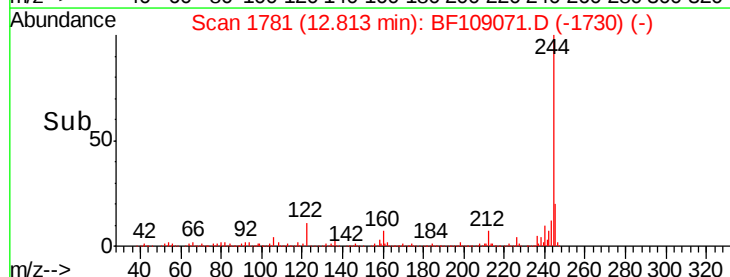
122 11.4 11.0 16.4

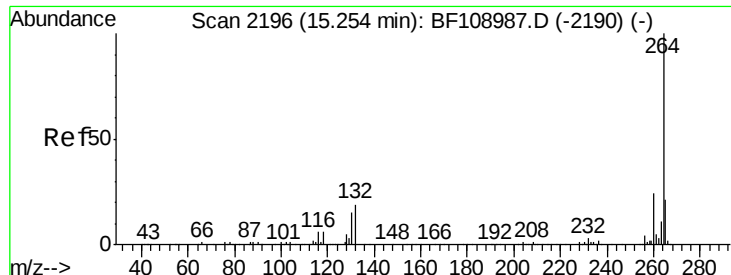


Abundance Ion 244.00 (243.70 to 244.70): E

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: BF109071.D
Acq: 18 Sep 2018 2:38

Instrument :
BNA_F
ClientSampleId :
PHASE-3

Tgt Ion	Ratio	Lower	Upper
264	100		
260	23.8	19.2	28.8
265	21.8	17.5	26.3

