

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF091918\
 Data File : BF109164.D
 Acq On : 20 Sep 2018 00:33
 Operator : JU/SJ
 Sample : J4984-04
 Misc :
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 091718-DBRI-E-U-S

Quant Time: Sep 20 04:53:27 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	132705	20.00	ng	0.00
21) Naphthalene-d8	8.00	136	465391	20.00	ng	0.00
38) Acenaphthene-d10	9.75	164	189239	20.00	ng	0.00
63) Phenanthrene-d10	11.22	188	325790	20.00	ng	0.00
75) Chrysene-d12	13.85	240	338804	20.00	ng	0.00
86) Perylene-d12	15.25	264	298839	20.00	ng	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
5) 2-Fluorophenol	5.32	112	307127	38.44	ng	0.00
7) Phenol-d6	6.35	99	240274	23.32	ng	-0.01
23) Nitrobenzene-d5	7.28	82	734674	88.54	ng	0.00
41) 2,4,6-Tribromophenol	10.54	330	145308	70.75	ng	0.00
44) 2-Fluorobiphenyl	9.08	172	1244156	103.01	ng	0.00
78) Terphenyl-d14	12.81	244	1149971	80.45	ng	0.00

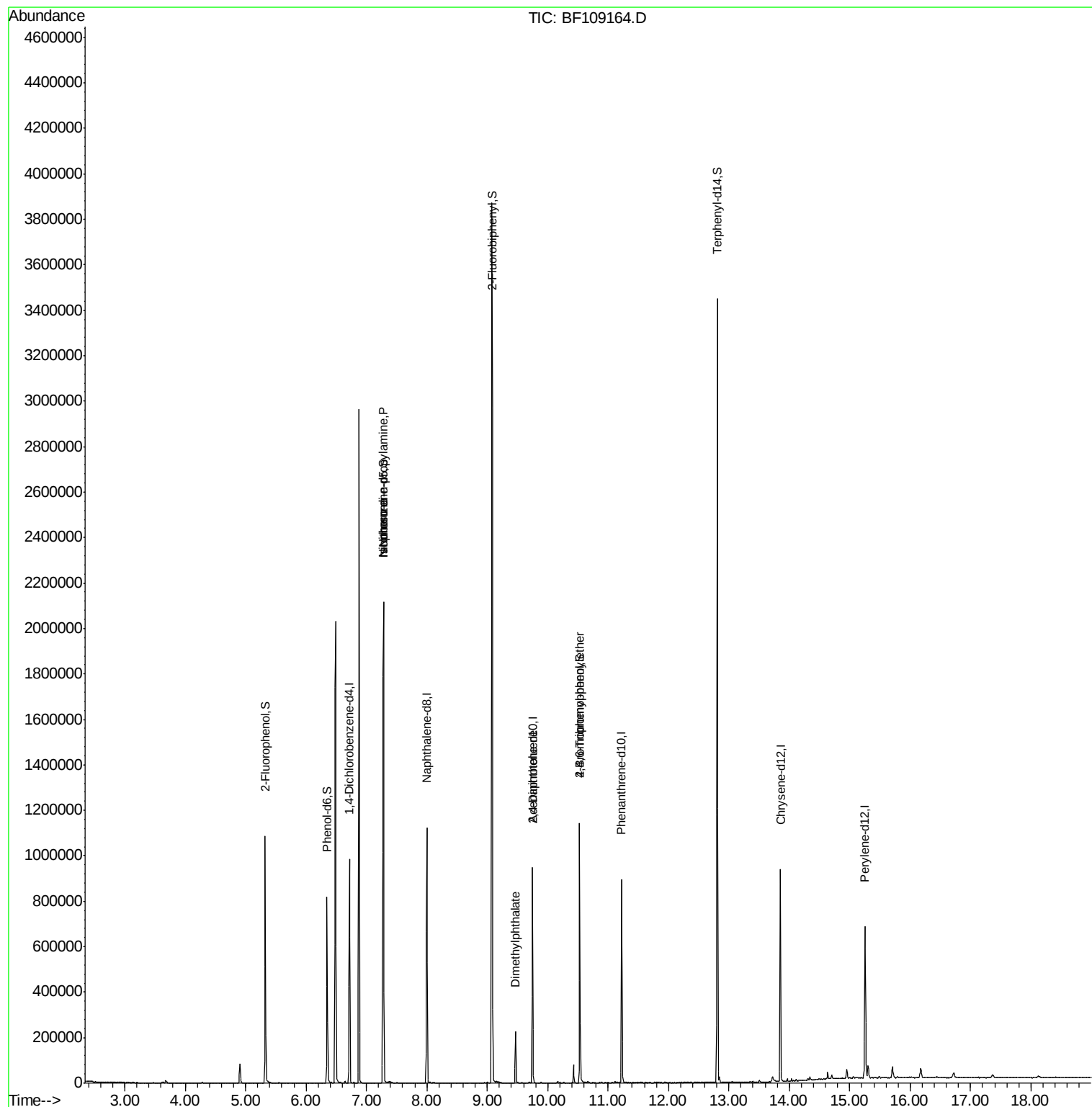
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
19) n-Nitroso-di-n-propylamine	7.28	70	99287	14.579	ng	# 76
25) Isophorone	7.28	82	728765	51.094	ng	# 64
49) Dimethylphthalate	9.47	163	95171	7.036	ng	99
56) 2,4-Dinitrotoluene	9.75	165	23590	6.014	ng	# 23
66) 4-Bromophenyl-phenylether	10.54	248	8880	2.418	ng	# 1

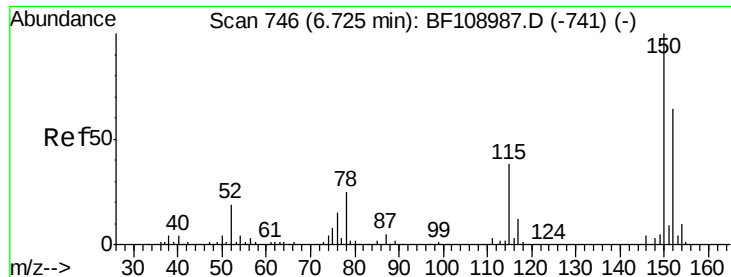
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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

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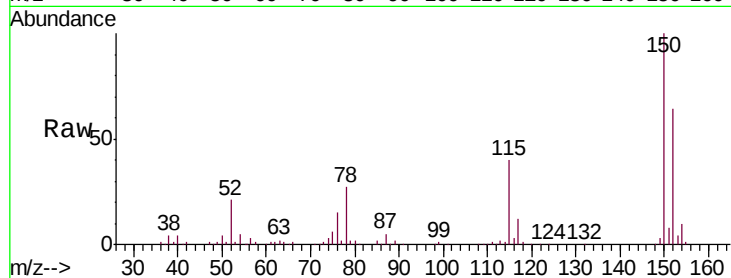
Tgt Ion:152 Resp: 132705

Ion Ratio Lower Upper

152 100

150 156.5 124.6 186.8

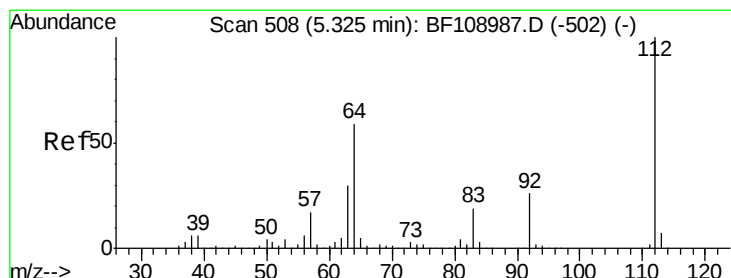
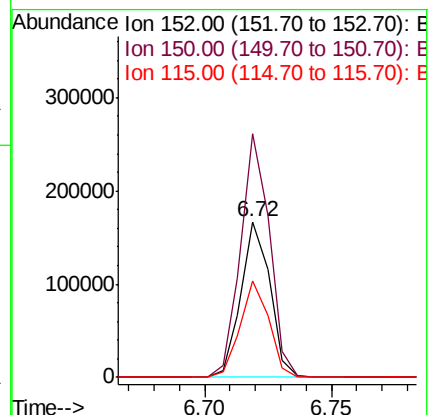
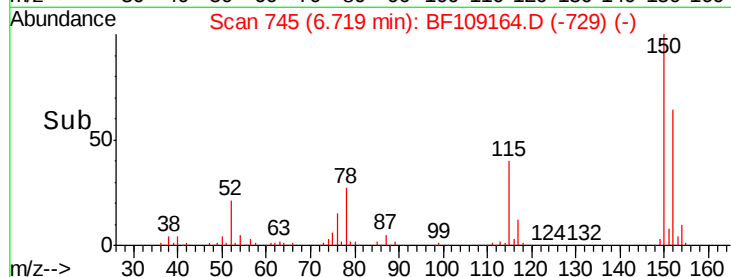
115 62.0 50.1 75.1



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: 38.439 ng

RT: 5.32 min Scan# 508

Delta R.T. 0.00 min

Lab File: BF109164.D

Acq: 20 Sep 2018 00:33

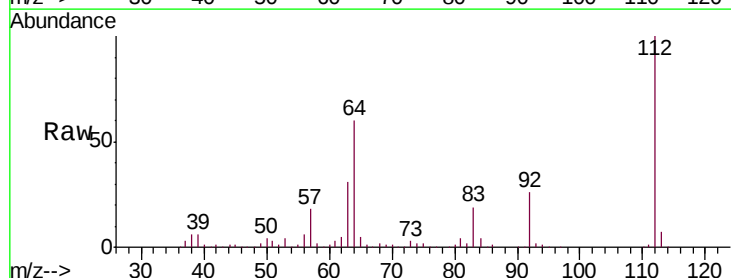
Tgt Ion:112 Resp: 307127

Ion Ratio Lower Upper

112 100

64 59.9 47.9 71.9

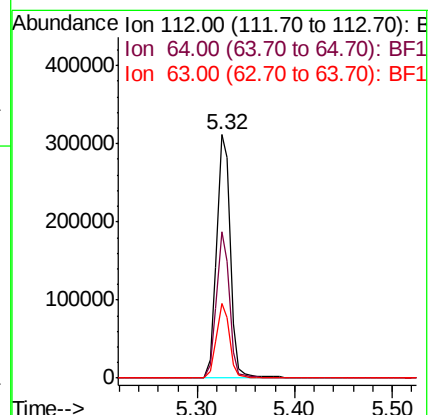
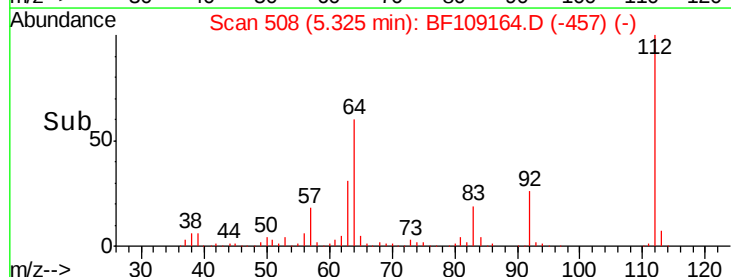
63 30.8 23.7 35.5



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: 23.321 ng

RT: 6.35 min Scan# 682

Delta R.T. -0.01 min

Lab File: BF109164.D

Acq: 20 Sep 2018 00:33

Instrument :

BNA_F

ClientSampleId :

091718-DBRI-E-U-S

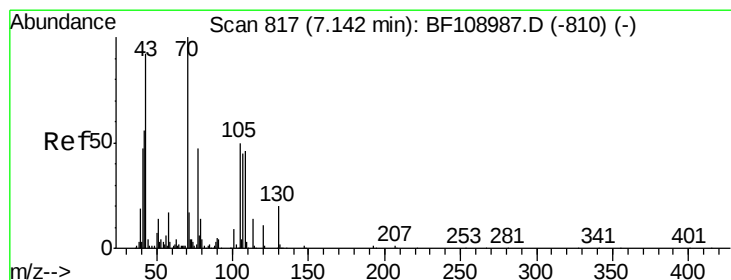
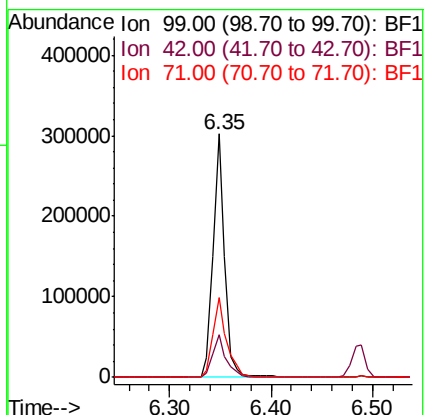
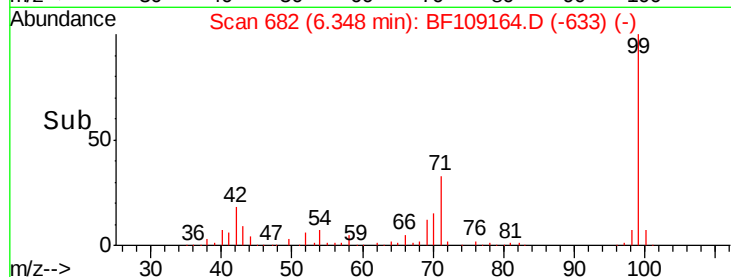
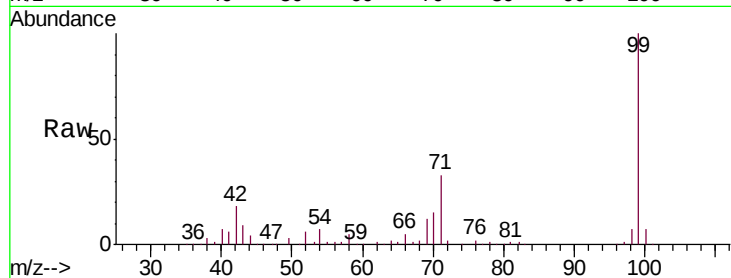
Tgt Ion: 99 Resp: 240274

Ion Ratio Lower Upper

99 100

42 17.6 14.5 21.7

71 32.9 25.4 38.0



#19

n-Nitroso-di-n-propylamine

Concen: 14.579 ng

RT: 7.28 min Scan# 841

Delta R.T. 0.14 min

Lab File: BF109164.D

Acq: 20 Sep 2018 00:33

Tgt Ion: 70 Resp: 99287

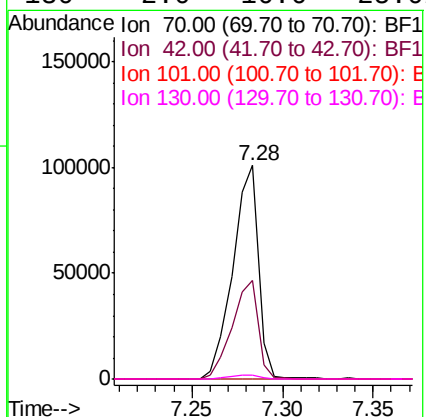
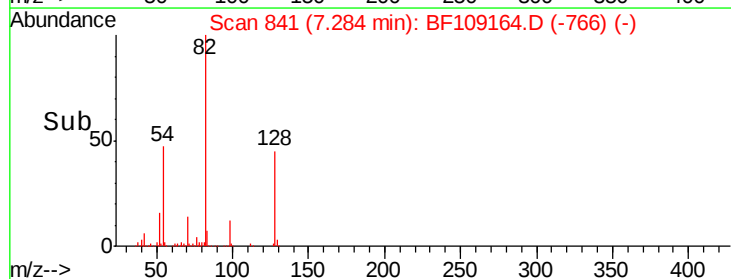
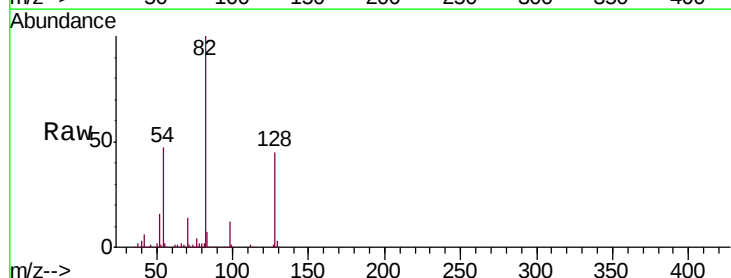
Ion Ratio Lower Upper

70 100

42 46.0 47.5 71.3#

101 0.0 7.4 11.2#

130 2.0 16.6 25.0#

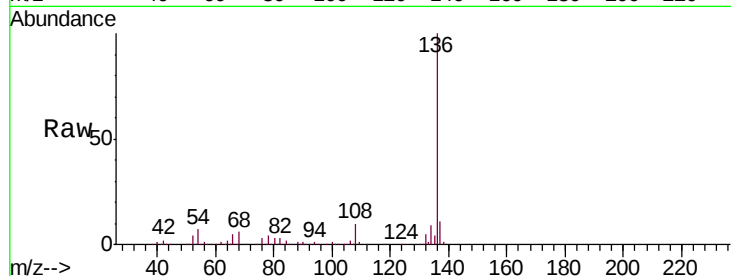




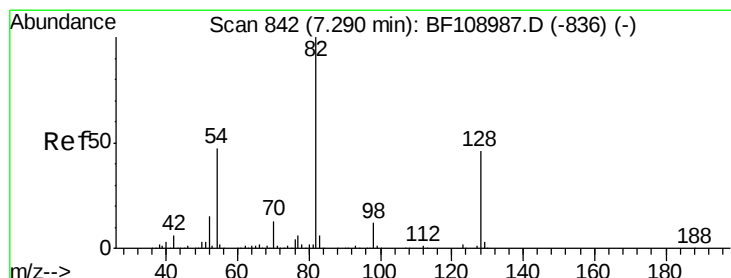
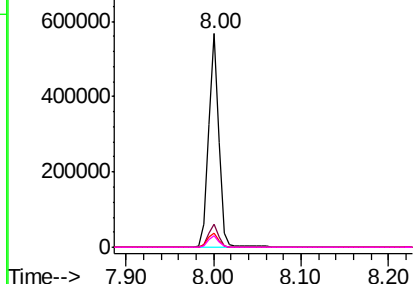
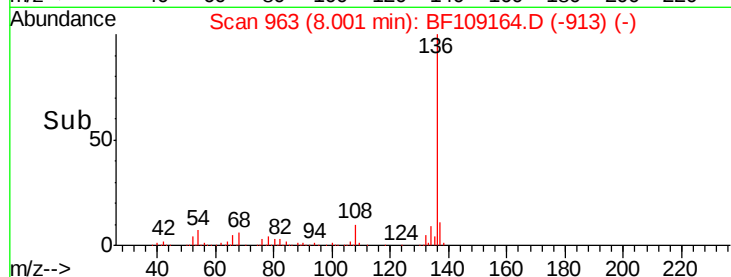
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.00 min Scan# 963
Delta R.T. -0.01 min
Lab File: BF109164.D
Acq: 20 Sep 2018 00:33

Instrument :
BNA_F
ClientSampleId :
091718-DBRI-E-U-S

Tgt Ion:	136	Resp:	465391
Ion	Ratio	Lower	Upper
136	100		
137	10.8	8.9	13.3
54	6.8	6.6	9.8
68	5.6	5.0	7.4

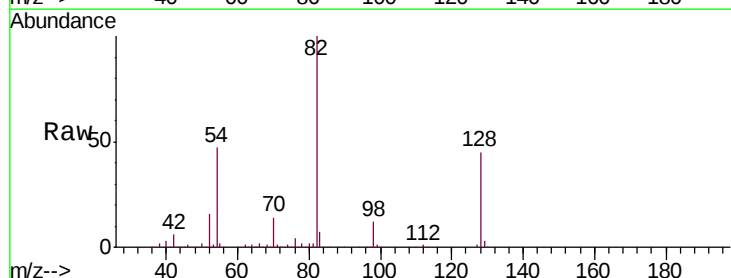


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF1
Ion 68.00 (67.70 to 68.70): BF1

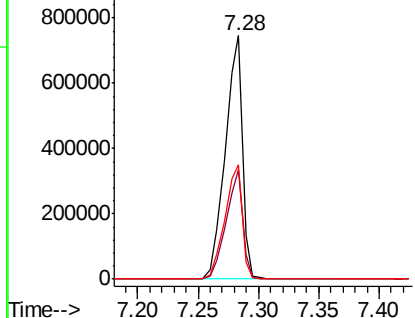
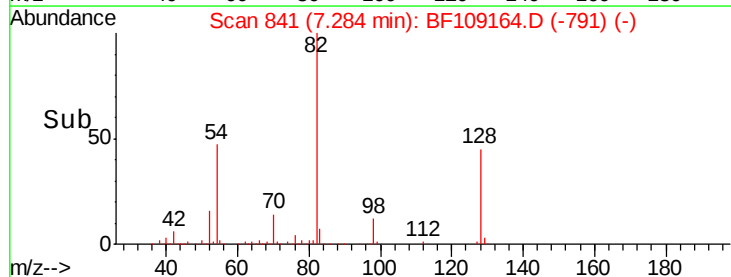


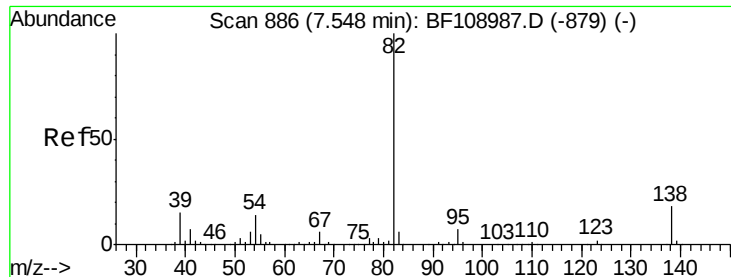
#23
Nitrobenzene-d5
Concen: 88.542 ng
RT: 7.28 min Scan# 841
Delta R.T. -0.01 min
Lab File: BF109164.D
Acq: 20 Sep 2018 00:33

Tgt Ion:	82	Resp:	734674
Ion	Ratio	Lower	Upper
82	100		
128	44.9	36.1	54.1
54	46.8	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

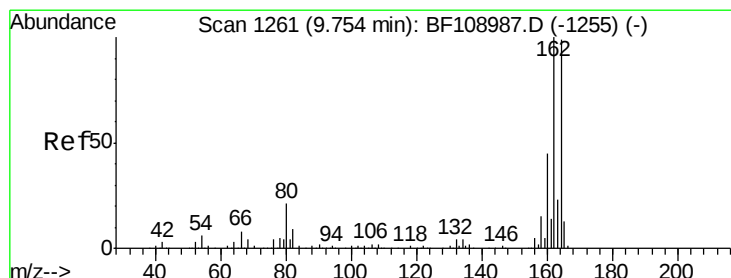
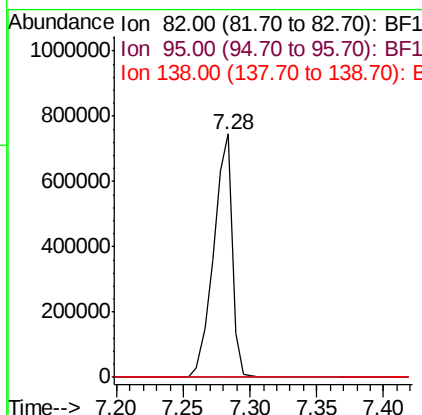
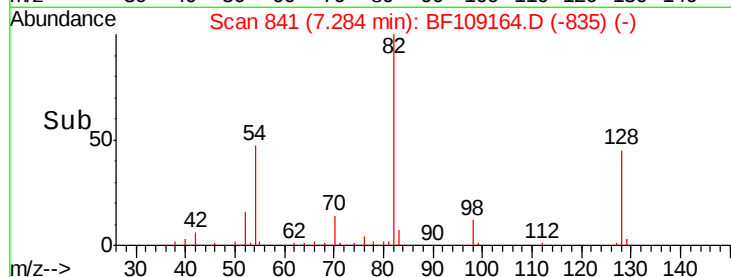
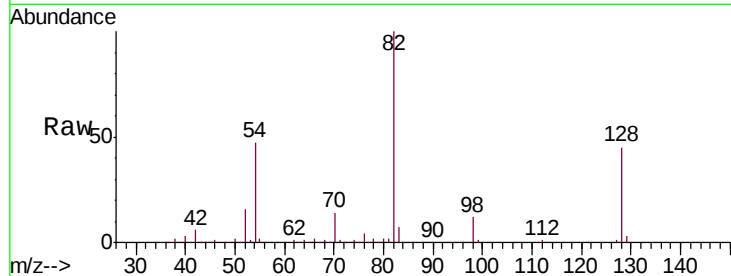




#25
Isophorone
Concen: 51.094 ng
RT: 7.28 min Scan# 841
Delta R.T. -0.26 min
Lab File: BF109164.D
Acq: 20 Sep 2018 00:33

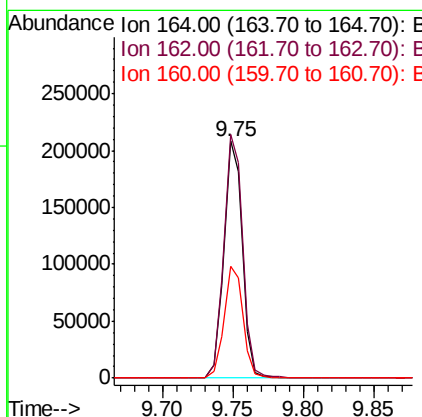
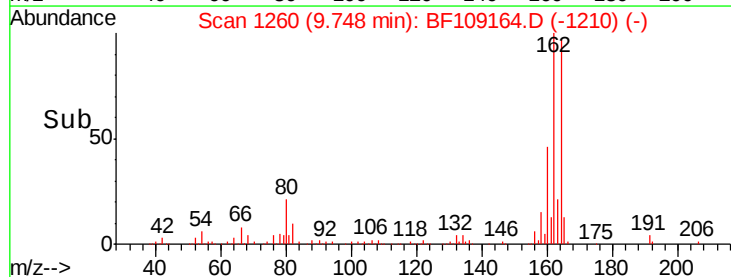
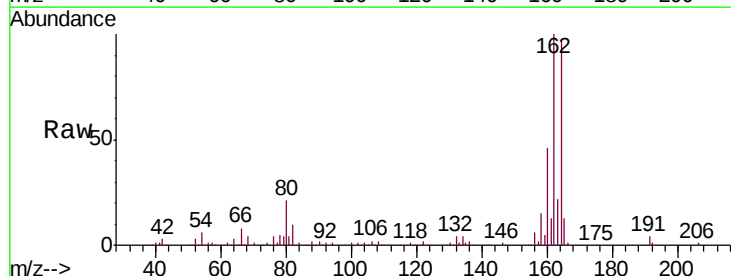
Instrument :
BNA_F
ClientSampleId :
091718-DBRI-E-U-S

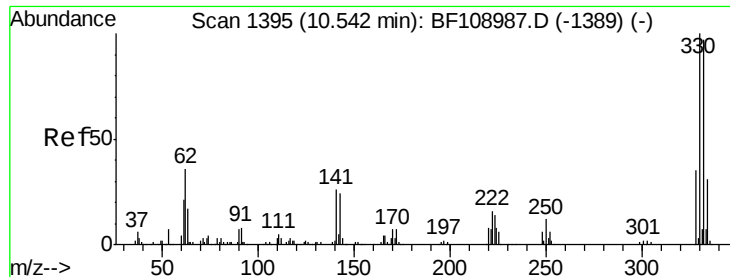
Tgt Ion: 82 Resp: 728765
Ion Ratio Lower Upper
82 100
95 0.0 5.2 7.8#
138 0.0 14.9 22.3#



#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.75 min Scan# 1260
Delta R.T. -0.01 min
Lab File: BF109164.D
Acq: 20 Sep 2018 00:33

Tgt Ion: 164 Resp: 189239
Ion Ratio Lower Upper
164 100
162 102.7 86.1 129.1
160 46.9 38.3 57.5

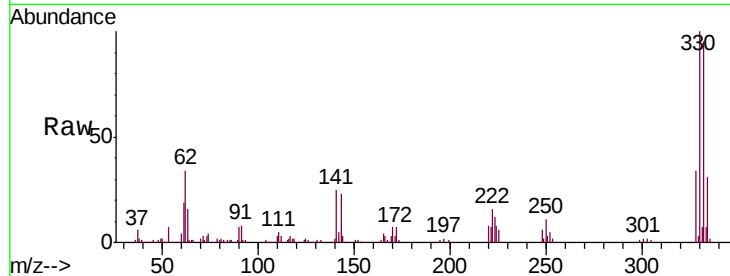




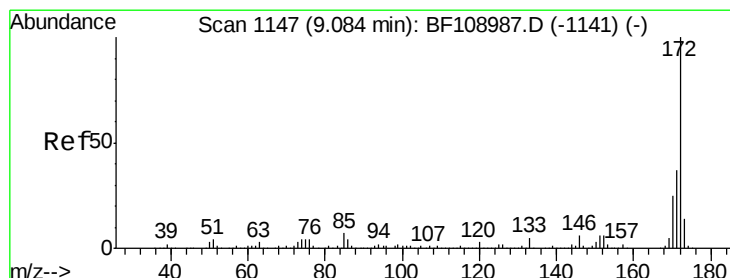
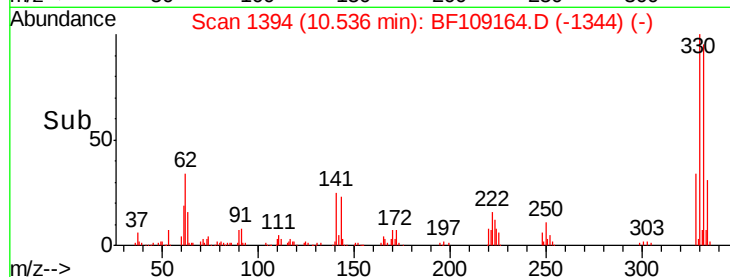
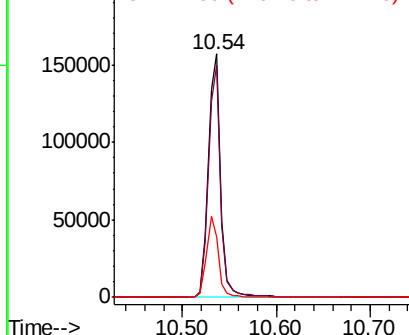
#41
 2,4,6-Tribromophenol
 Concen: 70.753 ng
 RT: 10.54 min Scan# 1394
 Delta R.T. -0.01 min
 Lab File: BF109164.D
 Acq: 20 Sep 2018 00:33

Instrument :
 BNA_F
 ClientSampleId :
 091718-DBRI-E-U-S

Tgt Ion:330 Resp: 145308
 Ion Ratio Lower Upper
 330 100
 332 94.2 77.0 115.6
 141 31.7 29.9 44.9

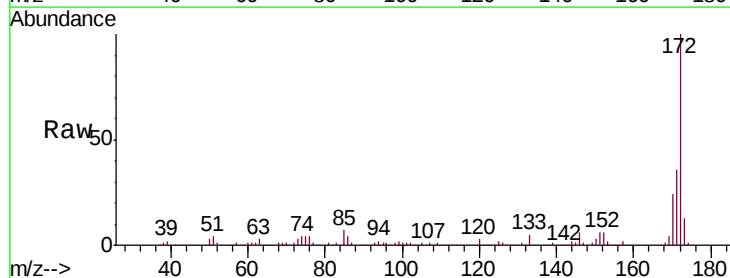


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

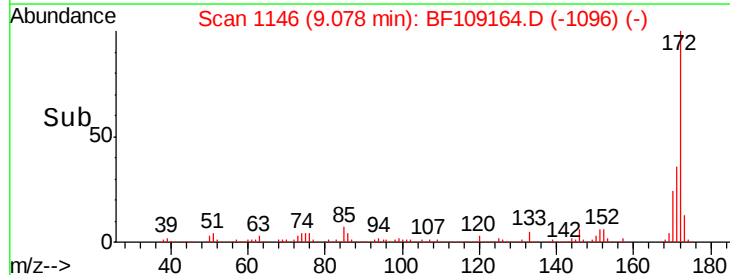
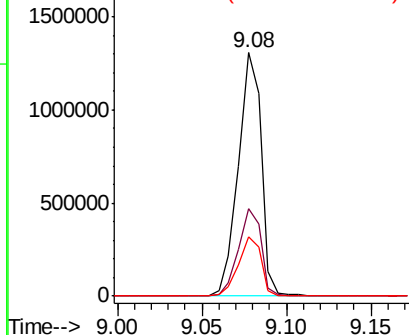


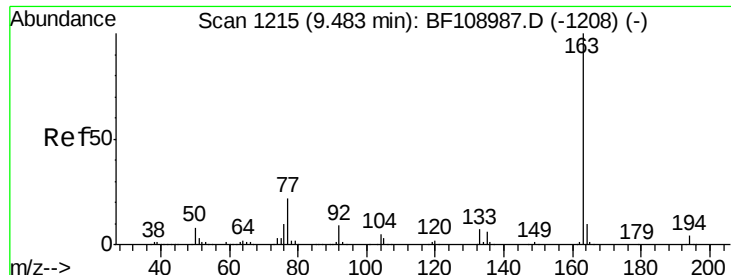
#44
 2-Fluorobiphenyl
 Concen: 103.005 ng
 RT: 9.08 min Scan# 1146
 Delta R.T. -0.01 min
 Lab File: BF109164.D
 Acq: 20 Sep 2018 00:33

Tgt Ion:172 Resp: 1244156
 Ion Ratio Lower Upper
 172 100
 171 35.8 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: 7.036 ng

RT: 9.47 min Scan# 1212

Delta R.T. -0.02 min

Lab File: BF109164.D

Acq: 20 Sep 2018 00:33

Instrument :

BNA_F

ClientSampleId :

091718-DBRI-E-U-S

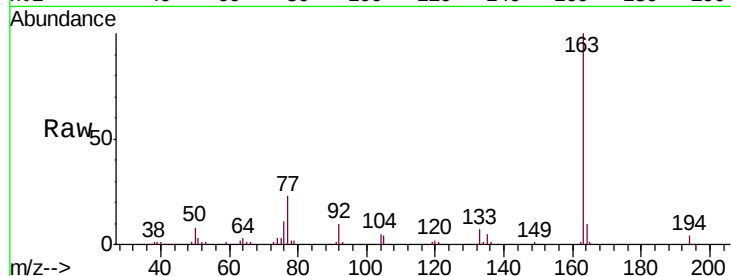
Tgt Ion:163 Resp: 95171

Ion Ratio Lower Upper

163 100

194 4.0 2.7 4.1

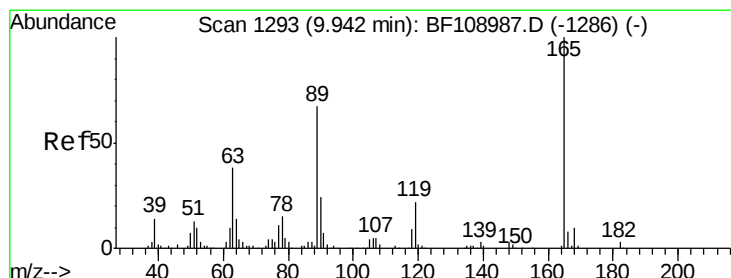
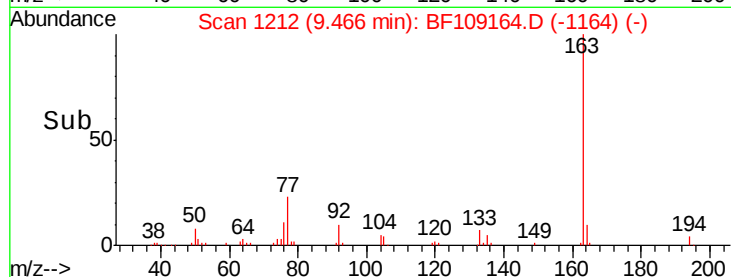
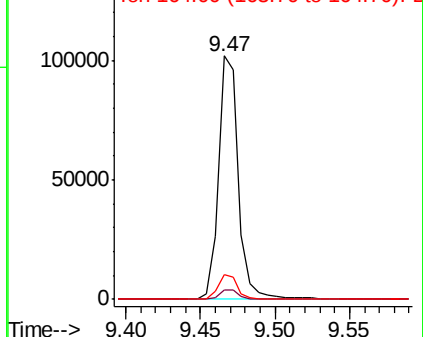
164 10.1 8.2 12.2



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



#56

2,4-Dinitrotoluene

Concen: 6.014 ng

RT: 9.75 min Scan# 1260

Delta R.T. -0.19 min

Lab File: BF109164.D

Acq: 20 Sep 2018 00:33

Tgt Ion:165 Resp: 23590

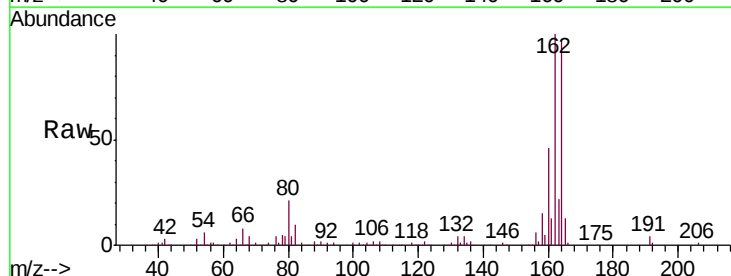
Ion Ratio Lower Upper

165 100

63 1.4 36.4 54.6#

89 1.1 57.8 86.6#

182 0.0 1.6 2.4#

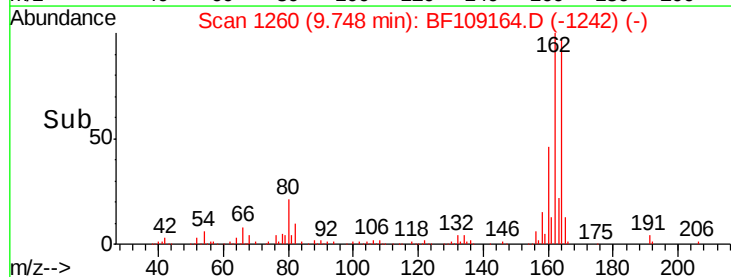
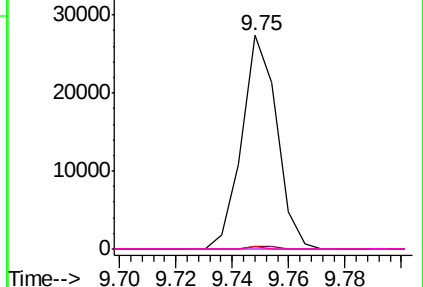


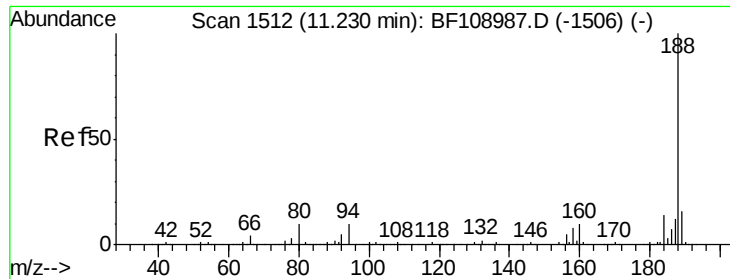
Abundance Ion 165.00 (164.70 to 165.70): E

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

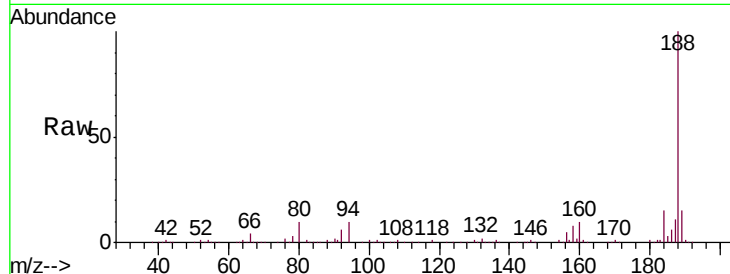




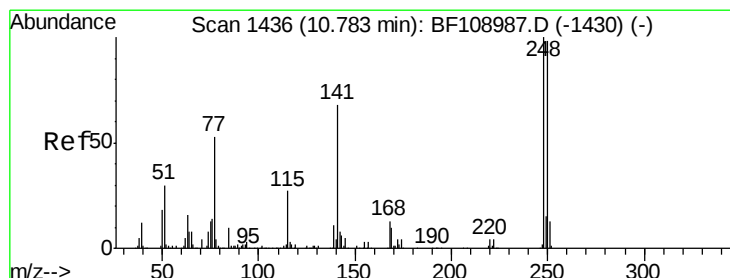
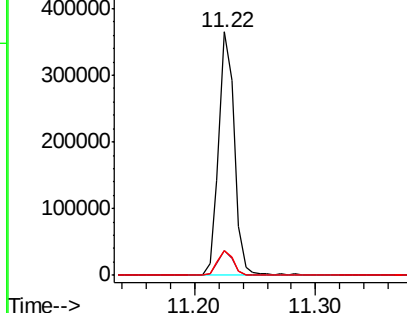
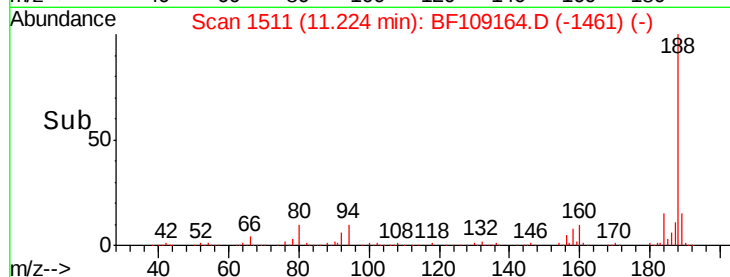
#63
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 11.22 min Scan# 1511
 Delta R.T. -0.01 min
 Lab File: BF109164.D
 Acq: 20 Sep 2018 00:33

Instrument :
 BNA_F
 ClientSampleId :
 091718-DBRI-E-U-S

Tgt Ion	Ratio	Lower	Upper
188	100		
94	10.0	8.5	12.7
80	10.4	9.2	13.8

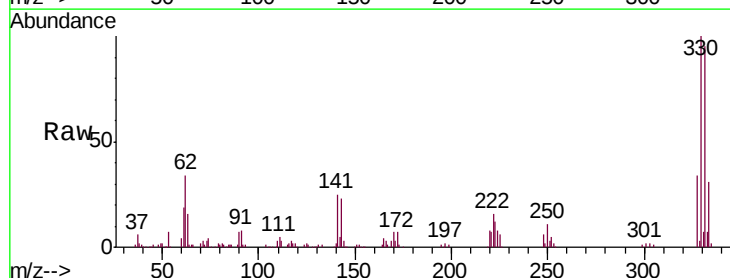


Abundance Ion 188.00 (187.70 to 188.70): E
 Ion 94.00 (93.70 to 94.70): BF1
 Ion 80.00 (79.70 to 80.70): BF1

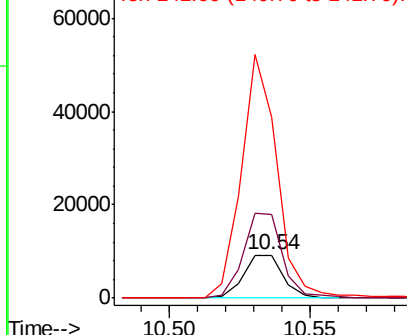
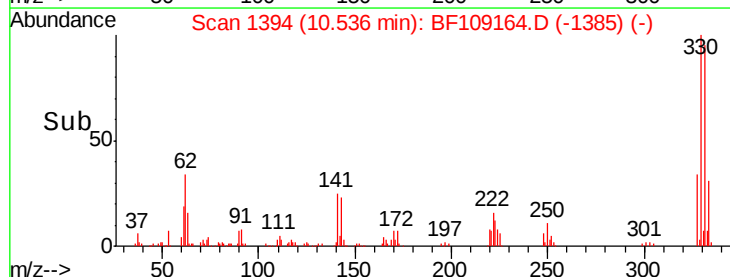


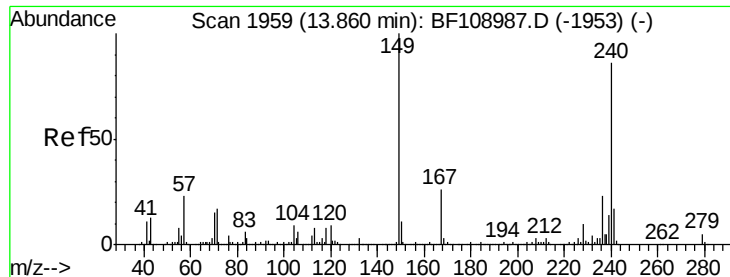
#66
 4-Bromophenyl-phenylether
 Concen: 2.418 ng
 RT: 10.54 min Scan# 1394
 Delta R.T. -0.25 min
 Lab File: BF109164.D
 Acq: 20 Sep 2018 00:33

Tgt Ion	Ratio	Lower	Upper
248	100		
250	194.1	76.9	115.3#
141	420.3	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: BF109164.D

Acq: 20 Sep 2018 00:33

Instrument :

BNA_F

ClientSampleId :

091718-DBRI-E-U-S

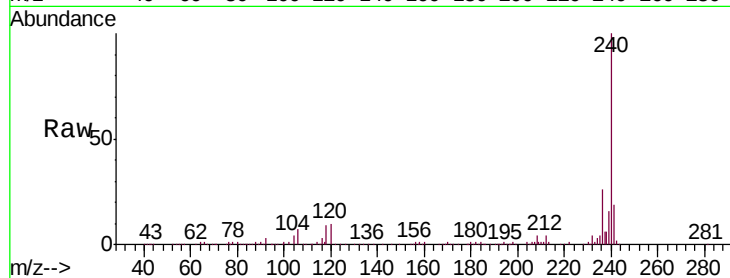
Tgt Ion:240 Resp: 338804

Ion Ratio Lower Upper

240 100

120 9.7 9.5 14.3

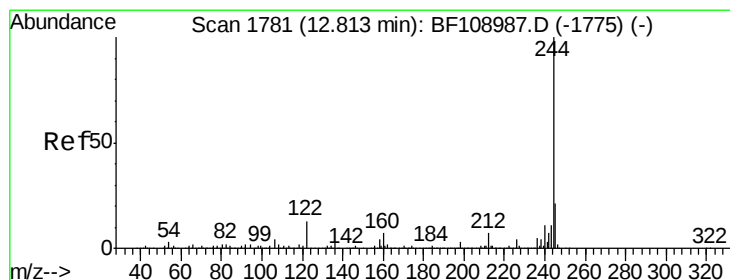
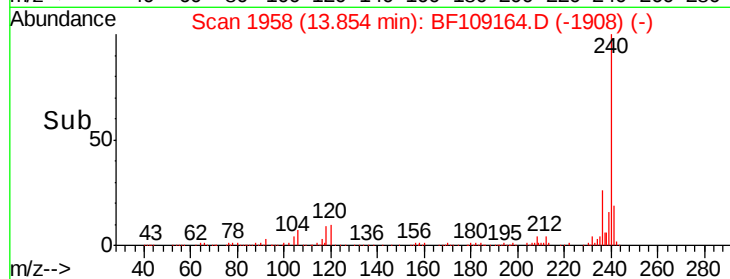
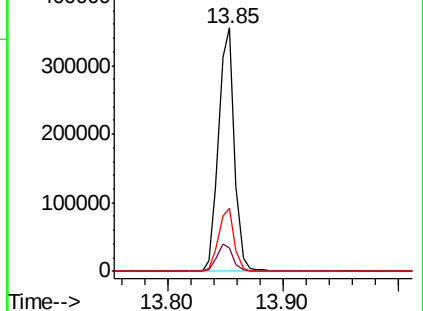
236 25.7 20.7 31.1



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: 80.452 ng

RT: 12.81 min Scan# 1781

Delta R.T. -0.00 min

Lab File: BF109164.D

Acq: 20 Sep 2018 00:33

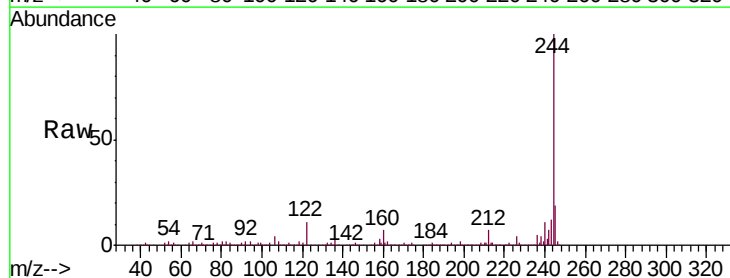
Tgt Ion:244 Resp: 1149971

Ion Ratio Lower Upper

244 100

212 7.0 5.4 8.0

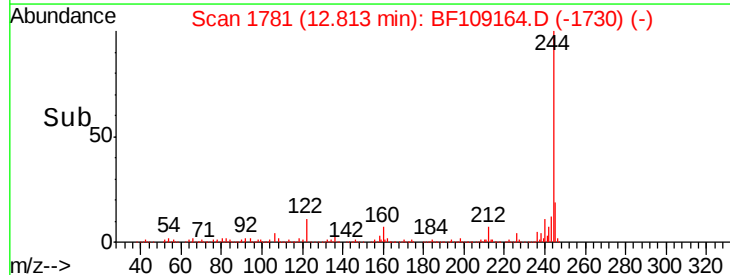
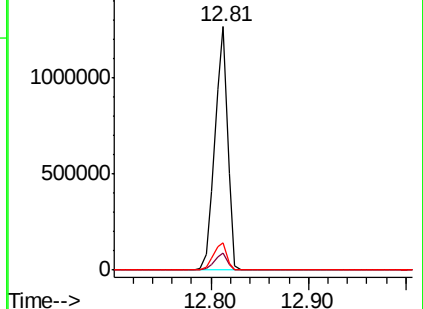
122 11.3 11.0 16.4

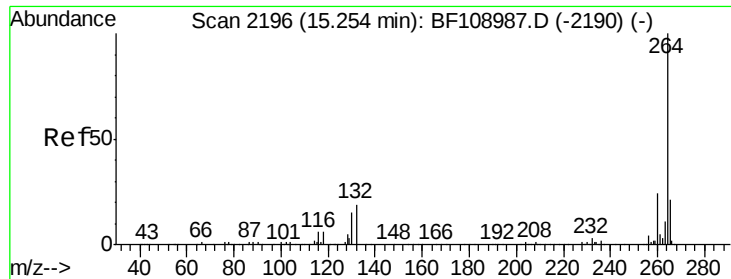


Abundance Ion 244.00 (243.70 to 244.70): E

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: BF109164.D
Acq: 20 Sep 2018 00:33

Instrument :
BNA_F
ClientSampleId :
091718-DBRI-E-U-S

Tgt Ion	Ratio	Lower	Upper
264	100		
260	24.2	19.2	28.8
265	21.5	17.5	26.3

