

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF080218\
 Data File : BF107912.D
 Acq On : 2 Aug 2018 16:34
 Operator : JU/SJ
 Sample : J4278-01 2X
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 EO-03-080118-A

Quant Time: Aug 02 17:09:13 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF073018.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Jul 30 17:48:53 2018
 Response via : Initial Calibration

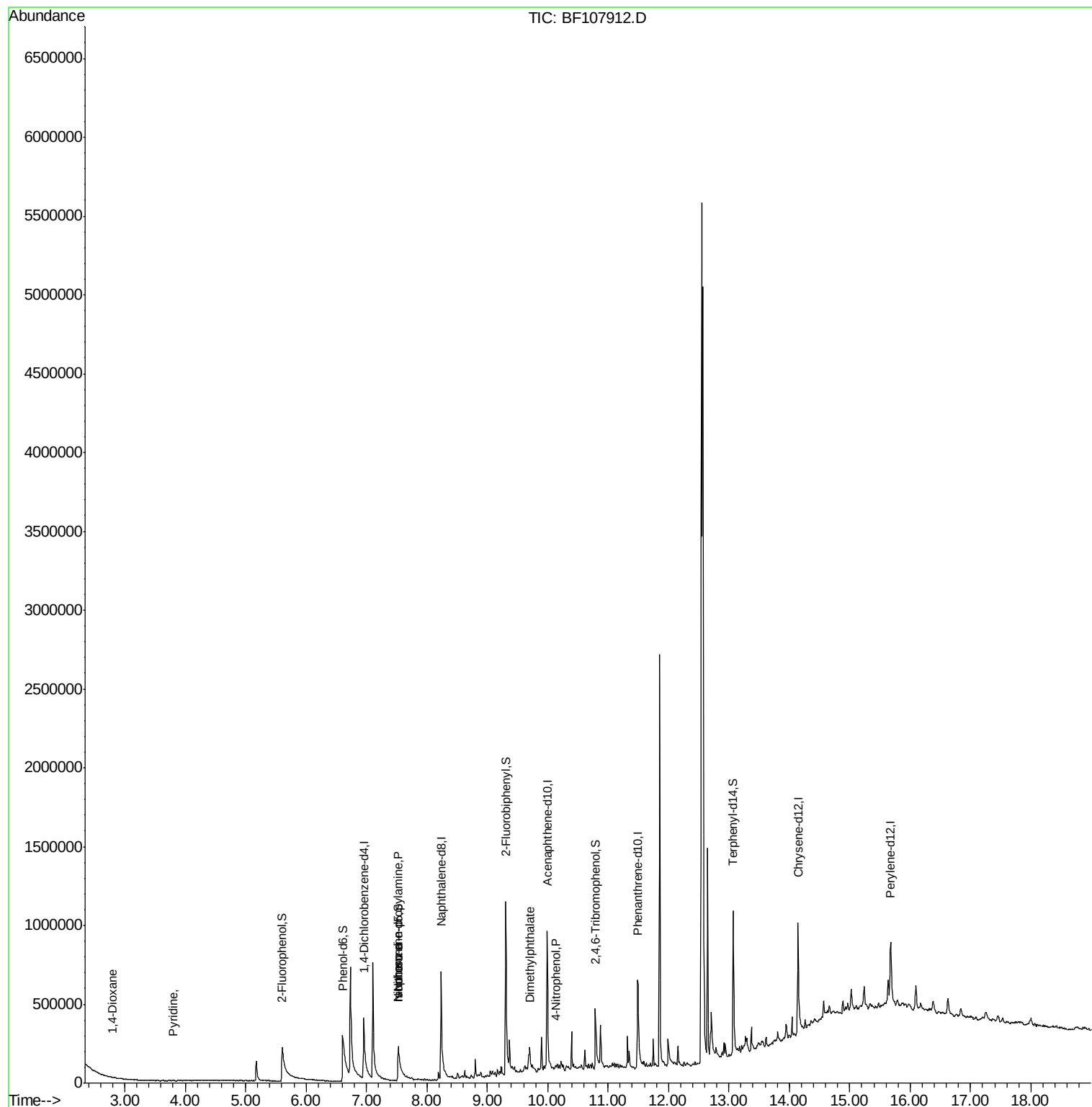
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.95	152	133259	20.00	ng	-0.01
21) Naphthalene-d8	8.24	136	572195	20.00	ng	-0.01
38) Acenaphthene-d10	10.00	164	220761	20.00	ng	-0.01
63) Phenanthrene-d10	11.49	188	375599	20.00	ng	-0.01
75) Chrysene-d12	14.14	240	372932	20.00	ng	-0.01
86) Perylene-d12	15.68	264	323750	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.61	112	264021	33.67	ng	0.01
7) Phenol-d6	6.61	99	426503	41.27	ng	0.00
23) Nitrobenzene-d5	7.52	82	257867	25.96	ng	-0.01
41) 2,4,6-Tribromophenol	10.79	330	93656	31.22	ng	0.00
44) 2-Fluorobiphenyl	9.31	172	543292	34.29	ng	-0.01
78) Terphenyl-d14	13.07	244	444609	25.85	ng	-0.01
Target Compounds						
2) 1,4-Dioxane	2.80	88	242	5.851	ng	# 1
3) Pyridine	3.81	79	107	6.264	ng	# 1
19) n-Nitroso-di-n-propylamine	7.53	70	29645	4.522	ng	# 81
25) Isophorone	7.52	82	257867	15.817	ng	# 64
49) Dimethylphthalate	9.70	163	73233	4.417	ng	100
55) 4-Nitrophenol	10.13	139	250	9.416	ng	# 1

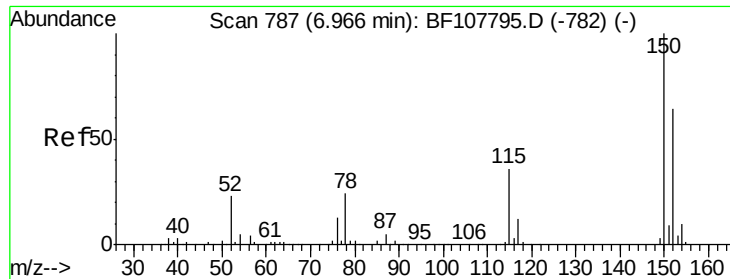
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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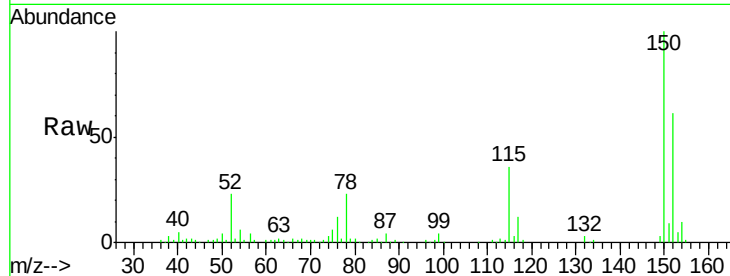


#1

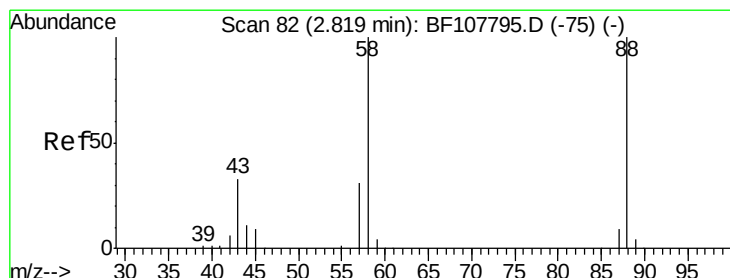
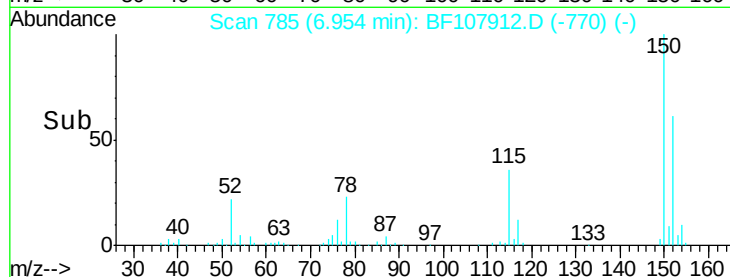
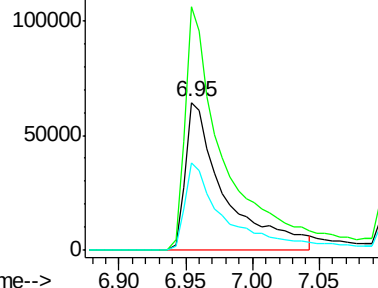
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.95 min Scan# 785
Delta R.T. -0.01 min
Lab File: BF107912.D
Acq: 2 Aug 2018 16:34

Instrument :
BNA_F
ClientSampleId :
EO-03-080118-A

Tgt Ion:152 Resp: 133259
Ion Ratio Lower Upper
152 100
150 164.5 124.6 186.8
115 59.1 50.1 75.1



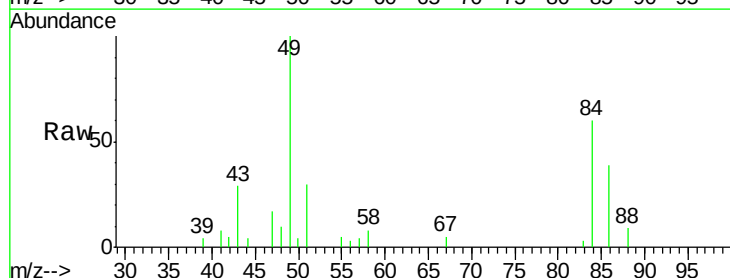
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



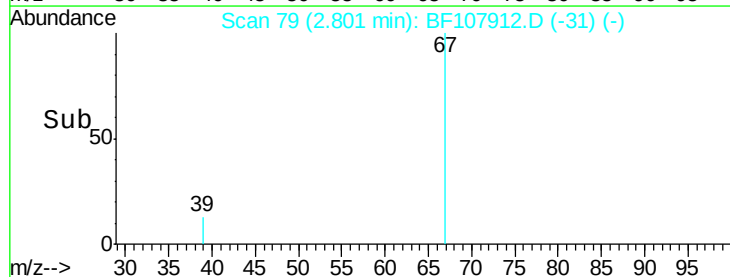
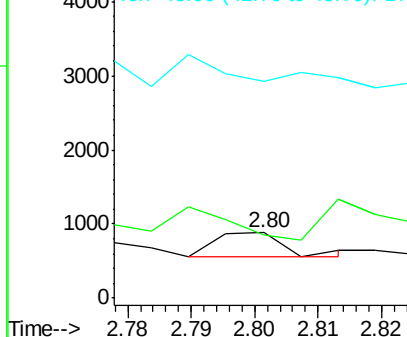
#2

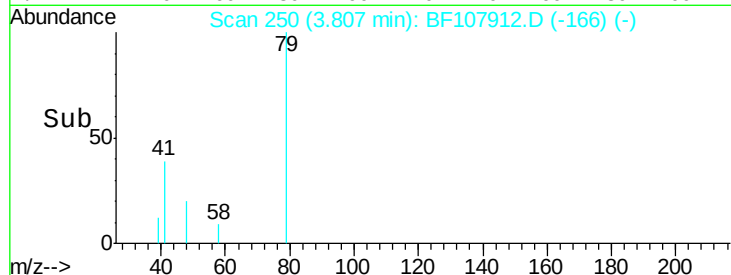
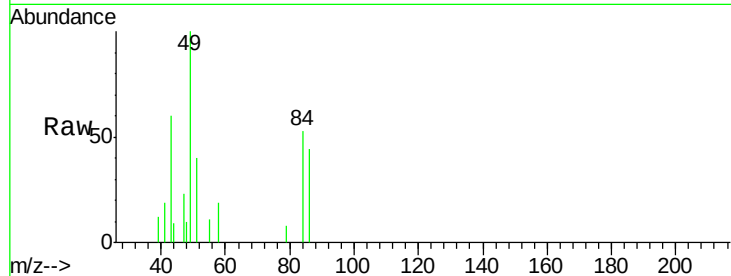
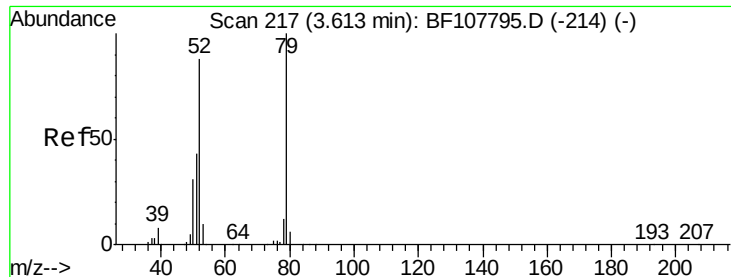
1,4-Dioxane
Concen: 5.851 ng
RT: 2.80 min Scan# 79
Delta R.T. -0.02 min
Lab File: BF107912.D
Acq: 2 Aug 2018 16:34

Tgt Ion: 88 Resp: 242
Ion Ratio Lower Upper
88 100
58 188.0 62.6 93.8#
43 0.0 24.6 37.0#



Abundance Ion 88.00 (87.70 to 88.70): BF1
Ion 58.00 (57.70 to 58.70): BF1
Ion 43.00 (42.70 to 43.70): BF1

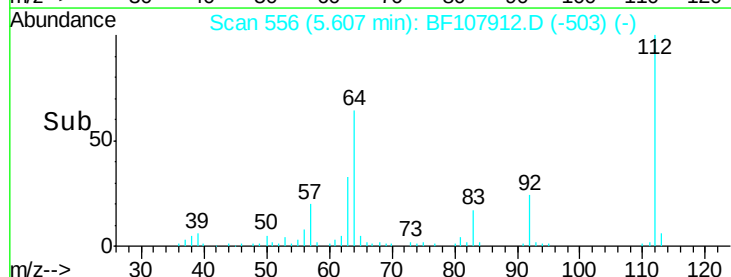
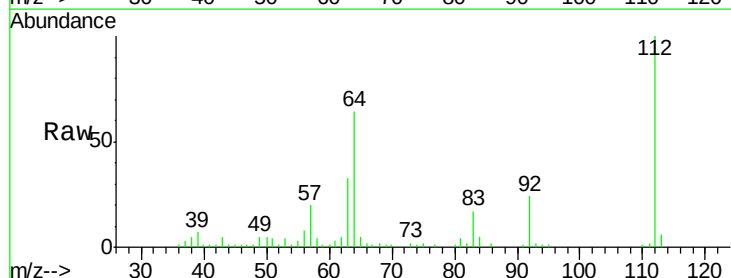
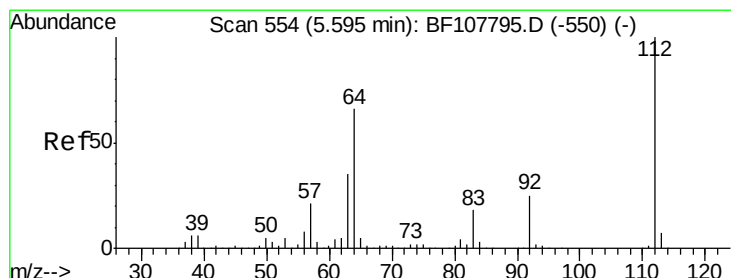
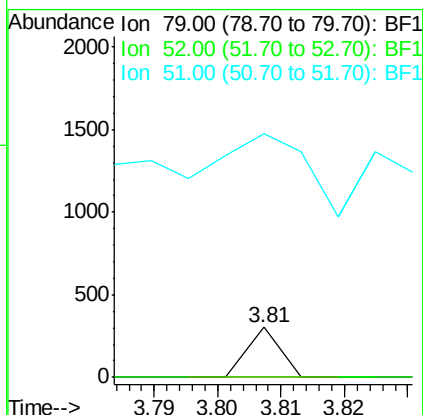




#3
Pyridine
Concen: 6.264 ng
RT: 3.81 min Scan# 250
Delta R.T. 0.19 min
Lab File: BF107912.D
Acq: 2 Aug 2018 16:34

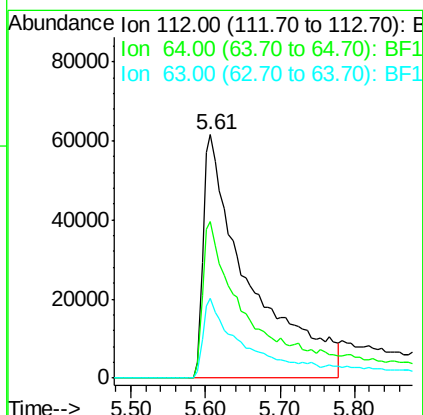
Instrument :
BNA_F
ClientSampleId :
EO-03-080118-A

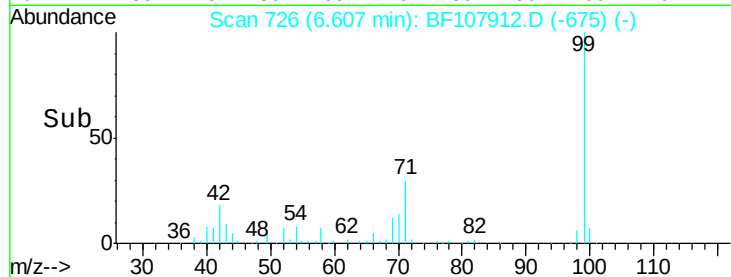
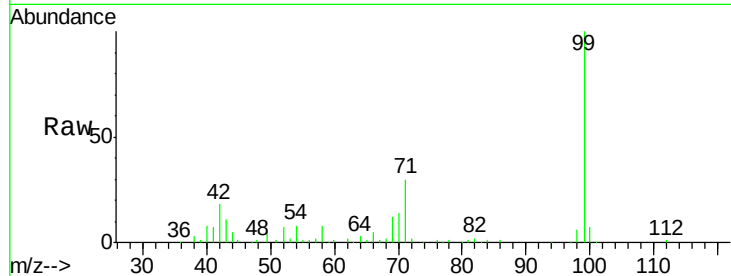
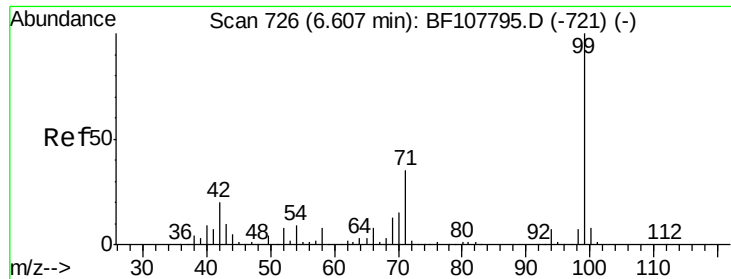
Tgt Ion: 79 Resp: 107
Ion Ratio Lower Upper
79 100
52 0.0 59.8 89.6#
51 488.4 29.8 44.8#



#5
2-Fluorophenol
Concen: 33.672 ng
RT: 5.61 min Scan# 556
Delta R.T. 0.01 min
Lab File: BF107912.D
Acq: 2 Aug 2018 16:34

Tgt Ion: 112 Resp: 264021
Ion Ratio Lower Upper
112 100
64 64.3 47.9 71.9
63 32.6 23.7 35.5





#7

Phenol-d6

Concen: 41.273 ng

RT: 6.61 min Scan# 726

Delta R.T. -0.00 min

Lab File: BF107912.D

Acq: 2 Aug 2018 16:34

Instrument :

BNA_F

ClientSampleId :

EO-03-080118-A

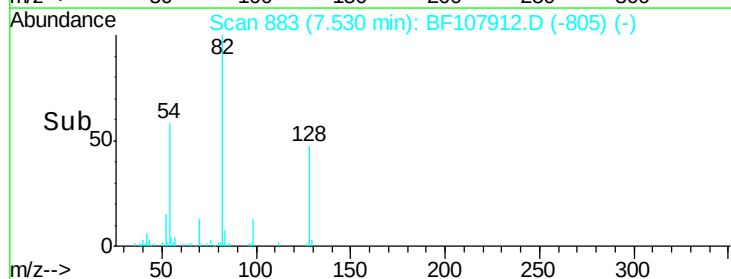
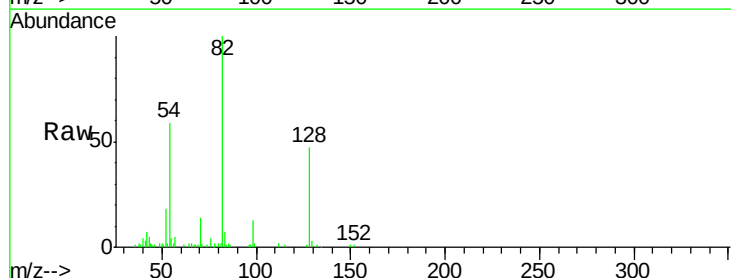
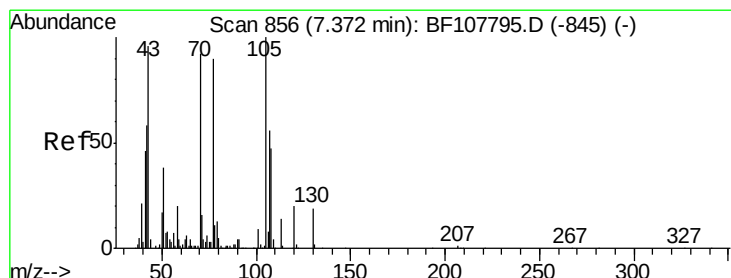
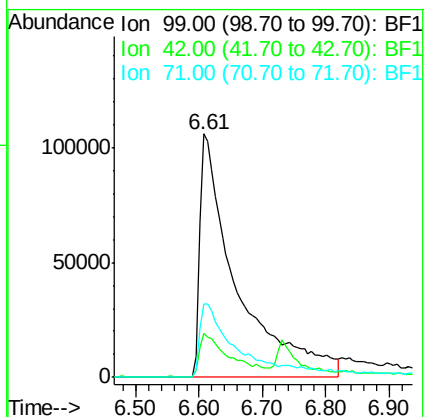
Tgt Ion: 99 Resp: 426503

Ion Ratio Lower Upper

99 100

42 18.1 14.5 21.7

71 30.1 25.4 38.0



#19

n-Nitroso-di-n-propylamine

Concen: 4.522 ng

RT: 7.53 min Scan# 883

Delta R.T. 0.16 min

Lab File: BF107912.D

Acq: 2 Aug 2018 16:34

Tgt Ion: 70 Resp: 29645

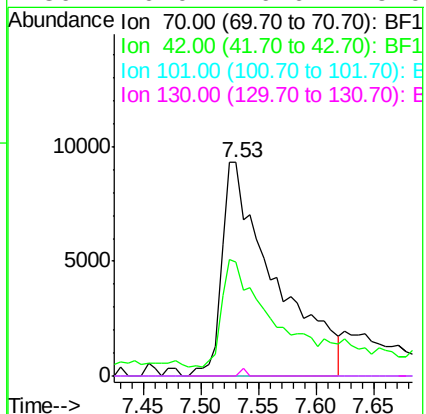
Ion Ratio Lower Upper

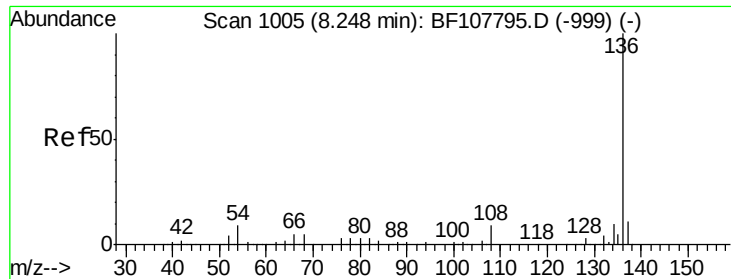
70 100

42 53.1 47.5 71.3

101 0.0 7.4 11.2#

130 0.0 16.6 25.0#

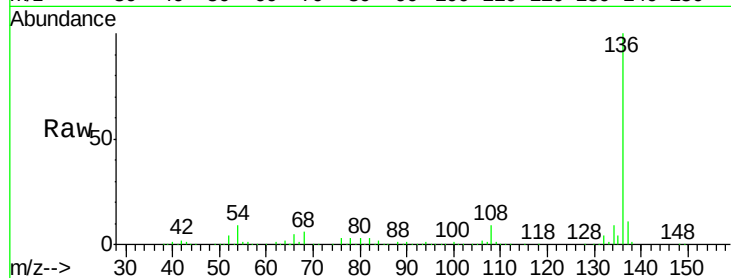




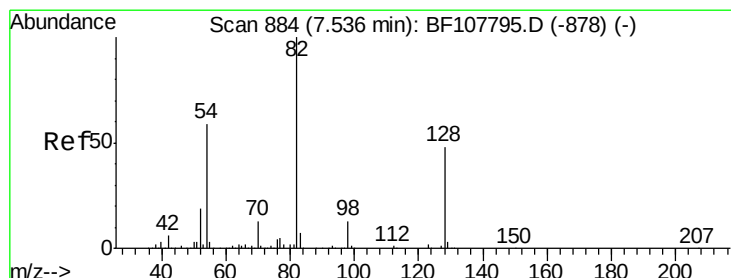
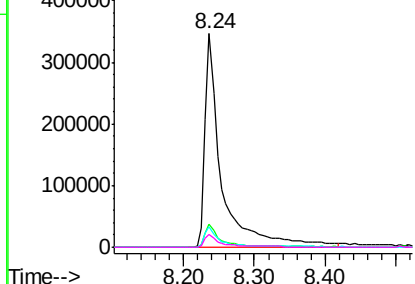
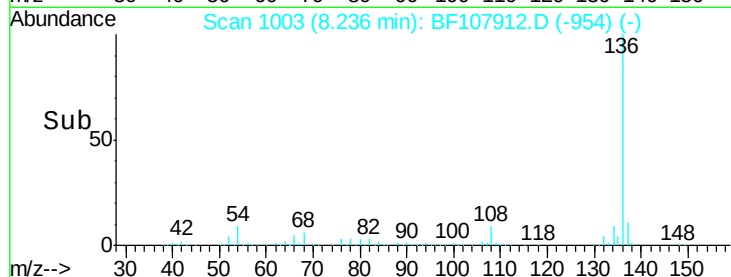
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.24 min Scan# 1003
Delta R.T. -0.01 min
Lab File: BF107912.D
Acq: 2 Aug 2018 16:34

Instrument :
BNA_F
ClientSampleId :
EO-03-080118-A

Tgt Ion:	136	Resp:	572195
Ion	Ratio	Lower	Upper
136	100		
137	10.7	8.9	13.3
54	9.4	6.6	9.8
68	6.0	5.0	7.4

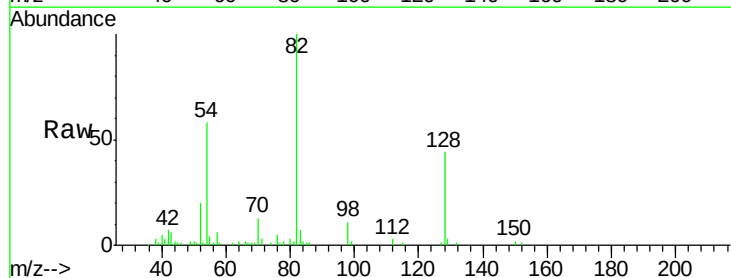


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF1
Ion 68.00 (67.70 to 68.70): BF1

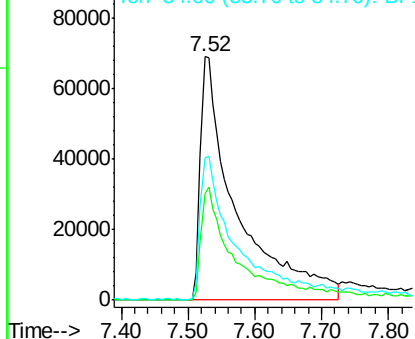
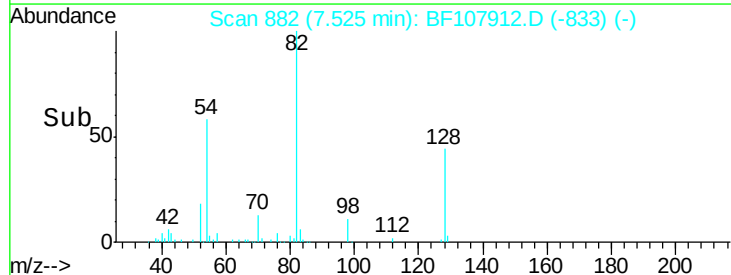


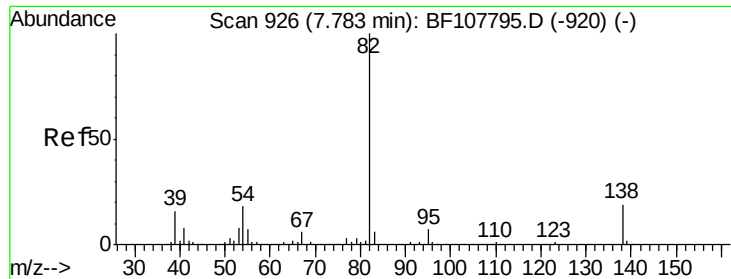
#23
Nitrobenzene-d5
Concen: 25.963 ng
RT: 7.52 min Scan# 882
Delta R.T. -0.01 min
Lab File: BF107912.D
Acq: 2 Aug 2018 16:34

Tgt Ion:	82	Resp:	257867
Ion	Ratio	Lower	Upper
82	100		
128	43.8	36.1	54.1
54	58.3	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: 15.817 ng

RT: 7.52 min Scan# 882

Delta R.T. -0.26 min

Lab File: BF107912.D

Acq: 2 Aug 2018 16:34

Instrument :

BNA_F

ClientSampleId :

EO-03-080118-A

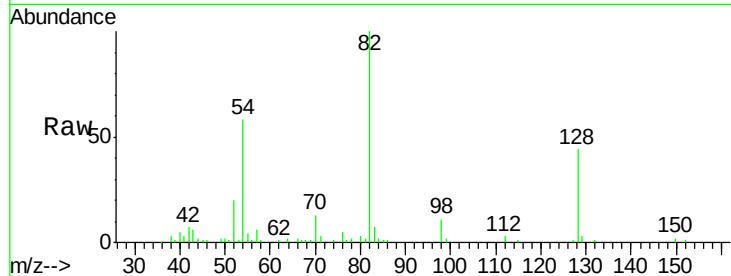
Tgt Ion: 82 Resp: 257867

Ion Ratio Lower Upper

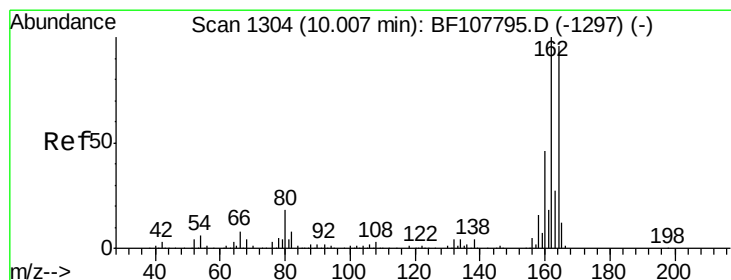
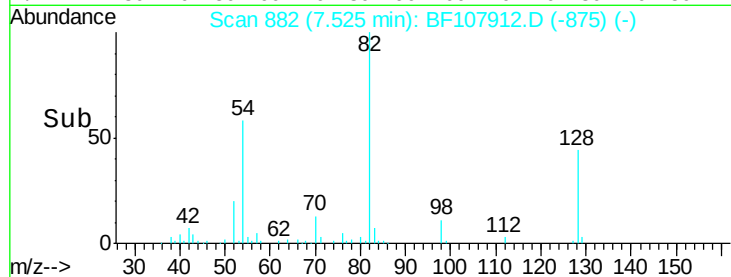
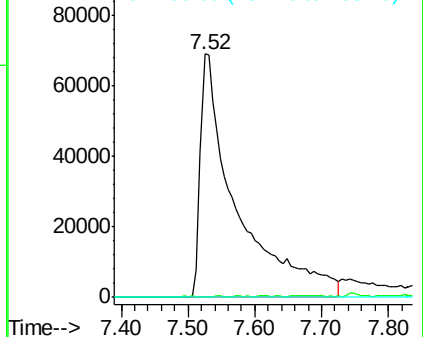
82 100

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: 10.00 min Scan# 1302

Delta R.T. -0.01 min

Lab File: BF107912.D

Acq: 2 Aug 2018 16:34

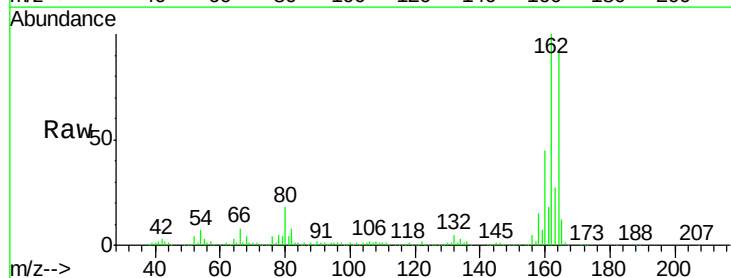
Tgt Ion: 164 Resp: 220761

Ion Ratio Lower Upper

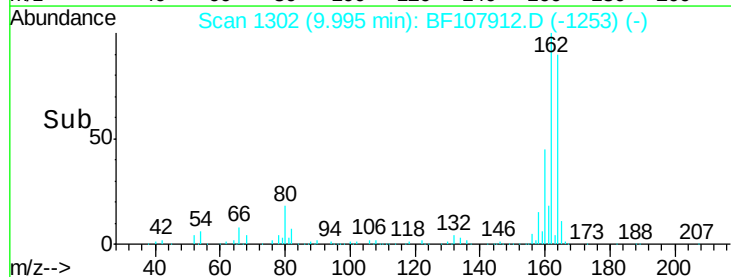
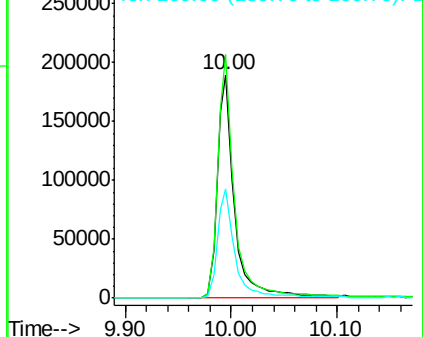
164 100

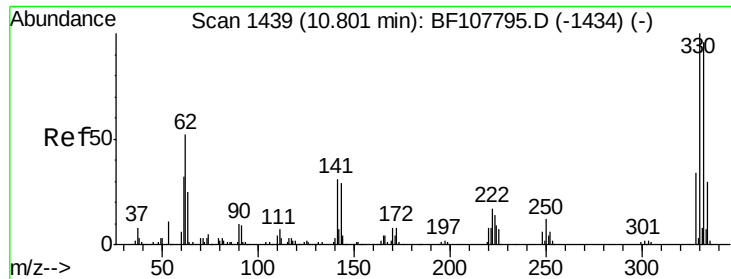
162 108.8 86.1 129.1

160 48.6 38.3 57.5



Abundance Ion 164.00 (163.70 to 164.70): BF1
Ion 162.00 (161.70 to 162.70): BF1
Ion 160.00 (159.70 to 160.70): BF1

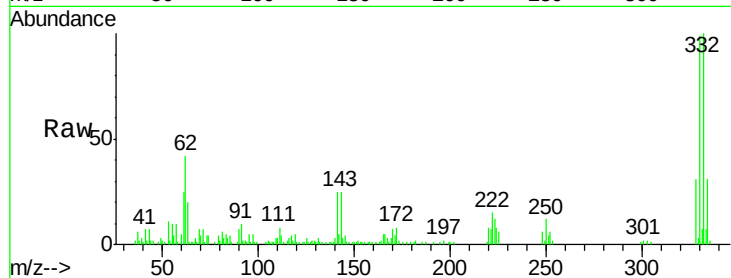




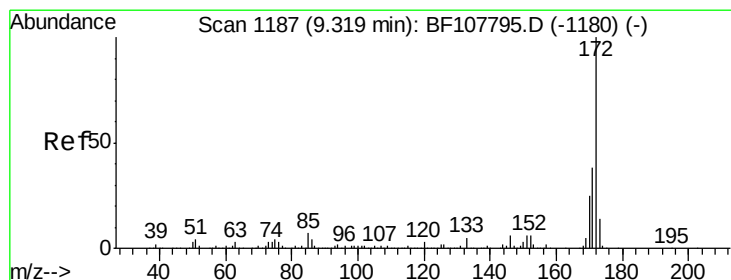
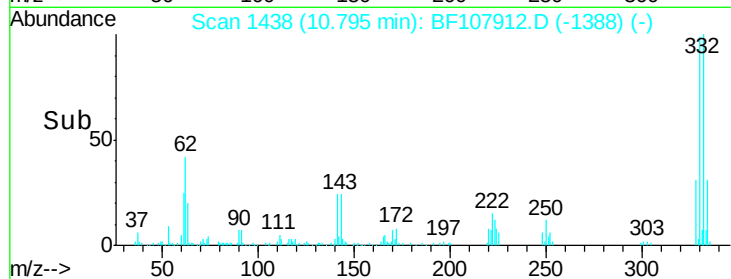
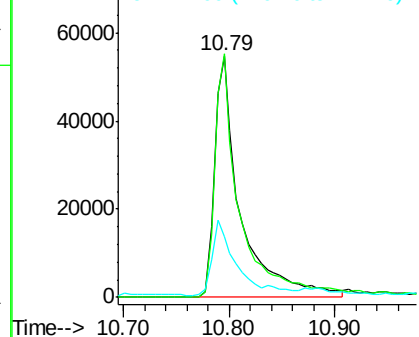
#41
 2,4,6-Tribromophenol
 Concen: 31.222 ng
 RT: 10.79 min Scan# 1438
 Delta R.T. -0.01 min
 Lab File: BF107912.D
 Acq: 2 Aug 2018 16:34

Instrument :
 BNA_F
 ClientSampleId :
 EO-03-080118-A

Tgt Ion	Ratio	Lower	Upper
330	100		
332	99.8	77.0	115.6
141	30.3	29.9	44.9

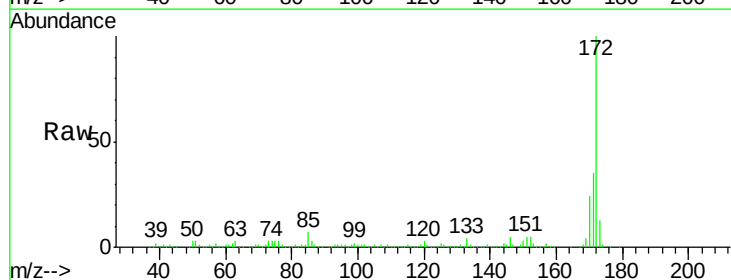


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

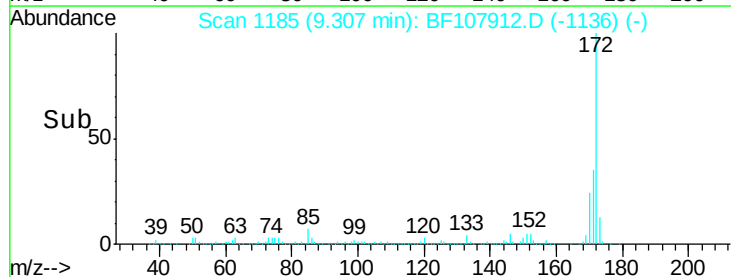
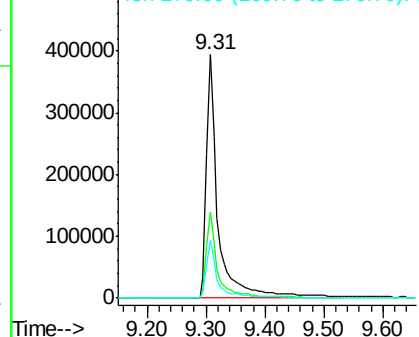


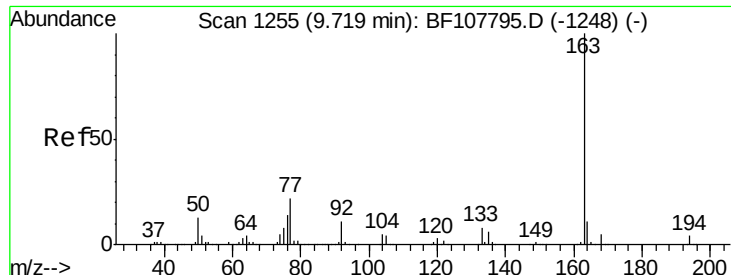
#44
 2-Fluorobiphenyl
 Concen: 34.294 ng
 RT: 9.31 min Scan# 1185
 Delta R.T. -0.01 min
 Lab File: BF107912.D
 Acq: 2 Aug 2018 16:34

Tgt Ion	Ratio	Lower	Upper
172	100		
171	35.2	29.7	44.5
170	23.8	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

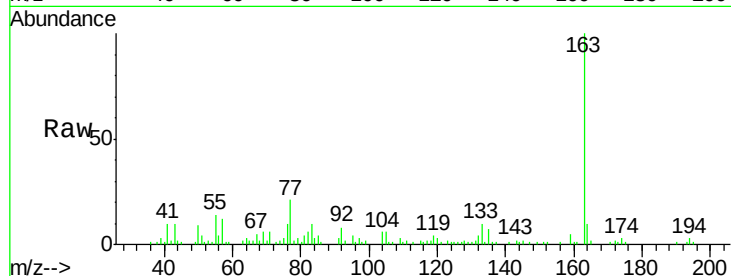




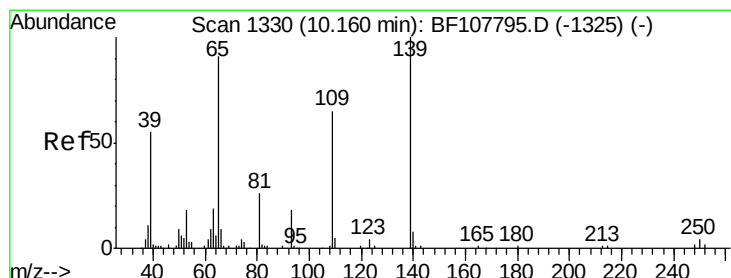
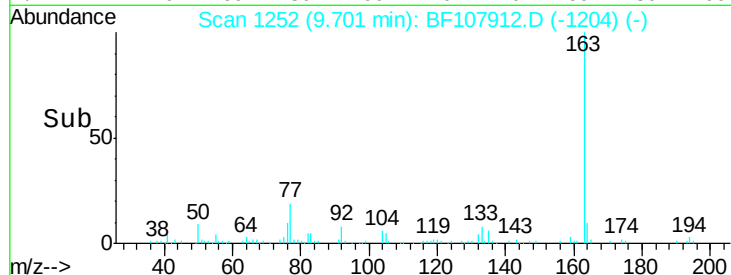
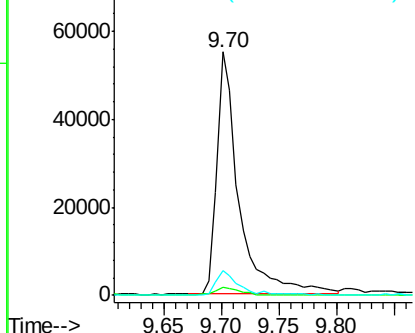
#49
Dimethylphthalate
Concen: 4.417 ng
RT: 9.70 min Scan# 1252
Delta R.T. -0.02 min
Lab File: BF107912.D
Acq: 2 Aug 2018 16:34

Instrument :
BNA_F
ClientSampleId :
EO-03-080118-A

Tgt Ion:163 Resp: 73233
Ion Ratio Lower Upper
163 100
194 3.3 2.7 4.1
164 10.0 8.2 12.2

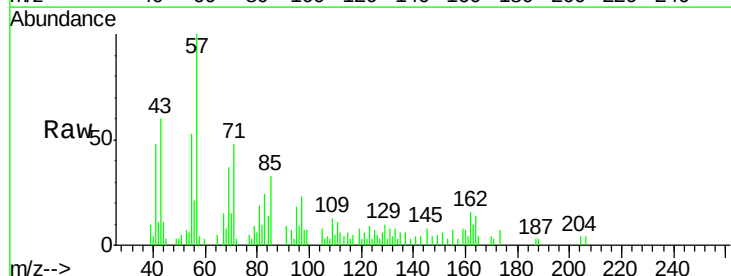


Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

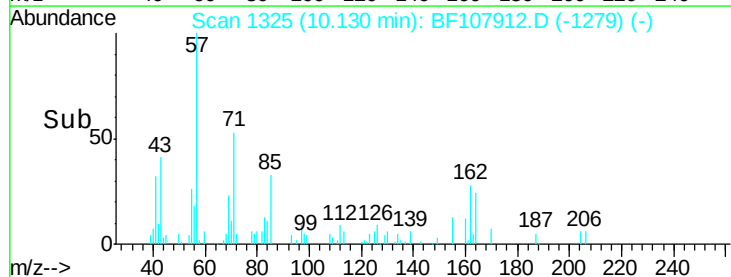
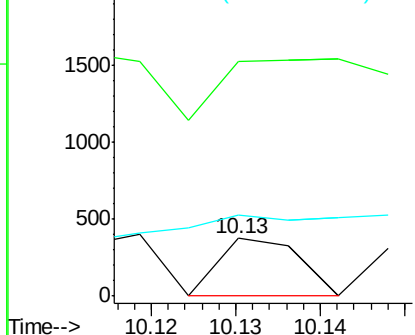


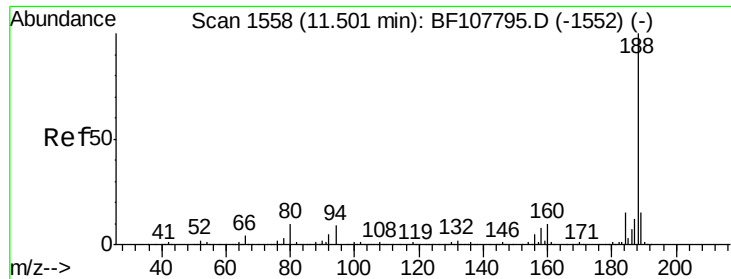
#55
4-Nitrophenol
Concen: 9.416 ng
RT: 10.13 min Scan# 1325
Delta R.T. -0.03 min
Lab File: BF107912.D
Acq: 2 Aug 2018 16:34

Tgt Ion:139 Resp: 250
Ion Ratio Lower Upper
139 100
109 406.9 48.4 88.4#
65 139.1 72.6 112.6#



Abundance Ion 139.00 (138.70 to 139.70): E
Ion 109.00 (108.70 to 109.70): E
Ion 65.00 (64.70 to 65.70): BF1

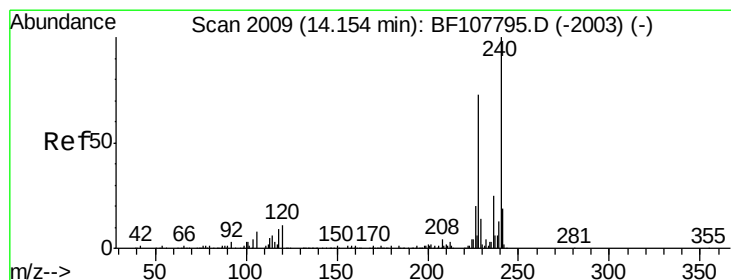
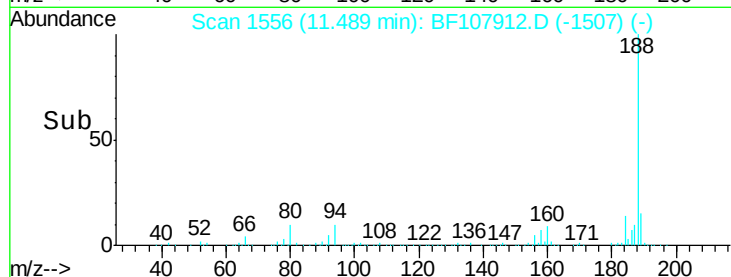
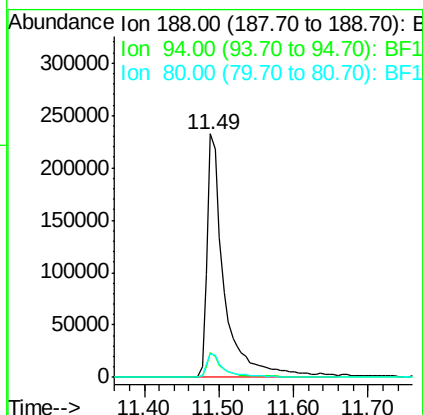
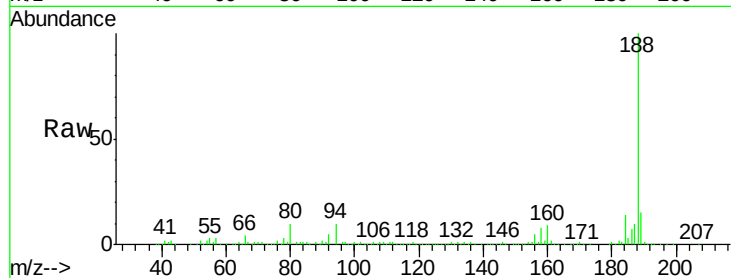




#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.49 min Scan# 1556
Delta R.T. -0.01 min
Lab File: BF107912.D
Acq: 2 Aug 2018 16:34

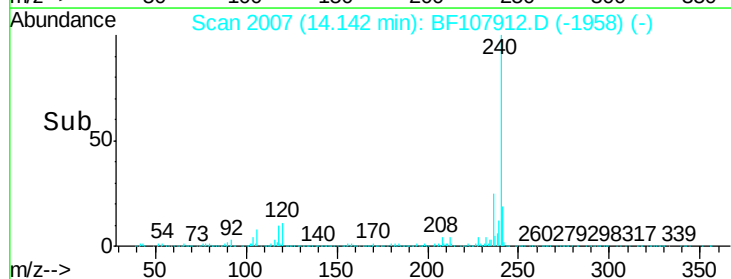
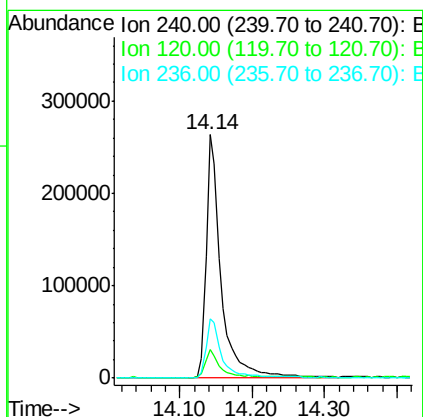
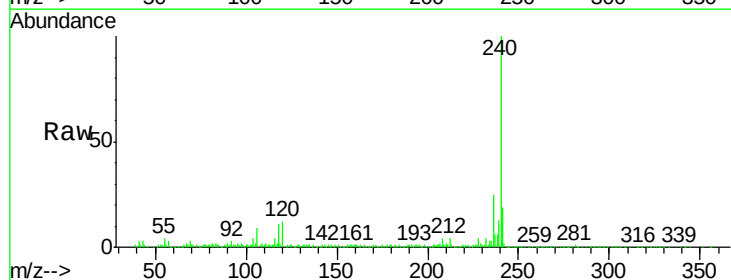
Instrument :
BNA_F
ClientSampleId :
EO-03-080118-A

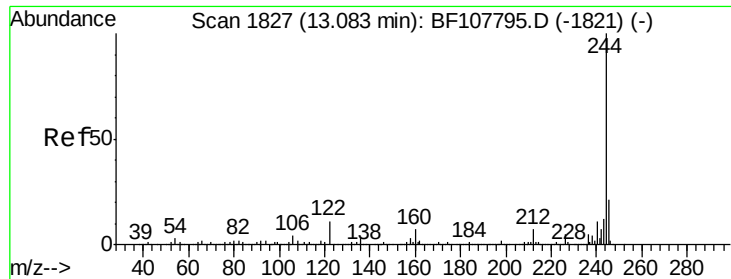
Tgt Ion:188 Resp: 375599
Ion Ratio Lower Upper
188 100
94 10.0 8.5 12.7
80 9.7 9.2 13.8



#75
Chrysene-d12
Concen: 20.000 ng
RT: 14.14 min Scan# 2007
Delta R.T. -0.01 min
Lab File: BF107912.D
Acq: 2 Aug 2018 16:34

Tgt Ion:240 Resp: 372932
Ion Ratio Lower Upper
240 100
120 11.8 9.5 14.3
236 24.5 20.7 31.1





#78

Terphenyl-d14

Concen: 25.852 ng

RT: 13.07 min Scan# 1825

Delta R.T. -0.01 min

Lab File: BF107912.D

Acq: 2 Aug 2018 16:34

Instrument :

BNA_F

ClientSampleId :

EO-03-080118-A

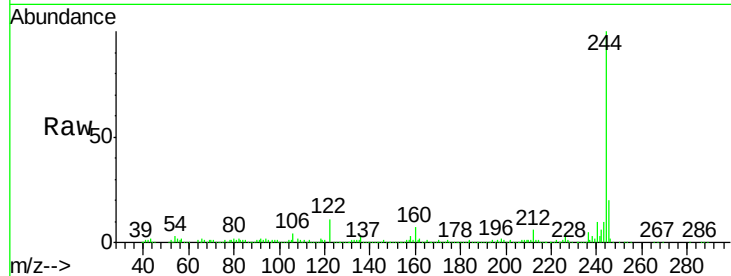
Tgt Ion:244 Resp: 444609

Ion Ratio Lower Upper

244 100

212 6.3 5.4 8.0

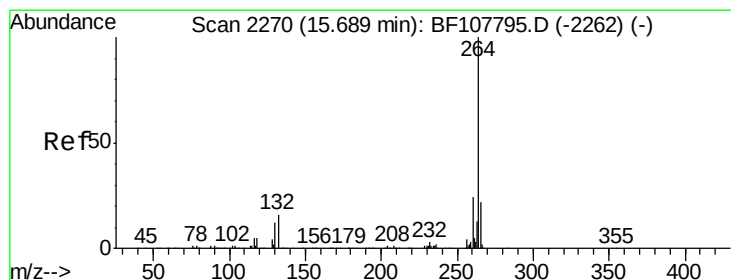
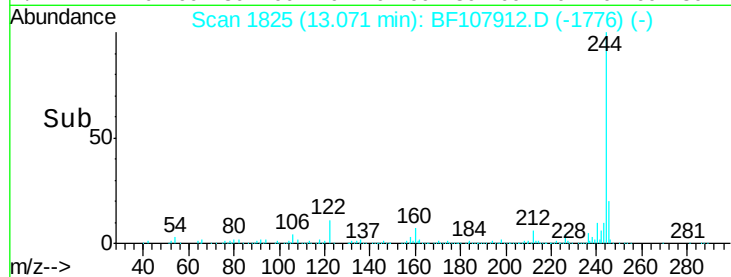
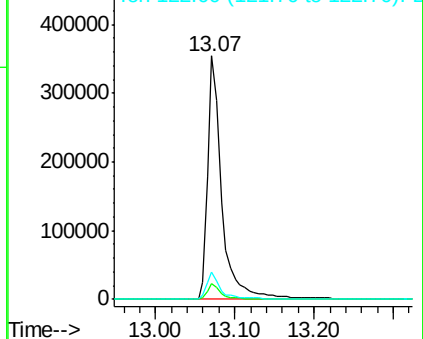
122 11.0 11.0 16.4



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: 15.68 min Scan# 2268

Delta R.T. -0.01 min

Lab File: BF107912.D

Acq: 2 Aug 2018 16:34

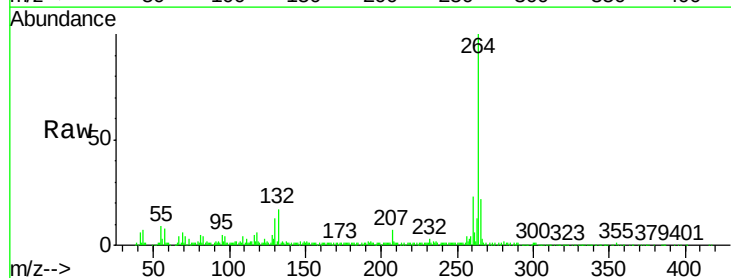
Tgt Ion:264 Resp: 323750

Ion Ratio Lower Upper

264 100

260 23.2 19.2 28.8

265 21.7 17.5 26.3



Abundance Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E

