

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF052820\
 Data File : BF120410.D
 Acq On : 28 May 2020 16:10
 Operator : MA/SJ
 Sample : L2771-05
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 ISLAND-BETWEEN-G-H-3

Quant Time: May 29 02:09:01 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF052820.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu May 28 13:47:54 2020
 Response via : Initial Calibration

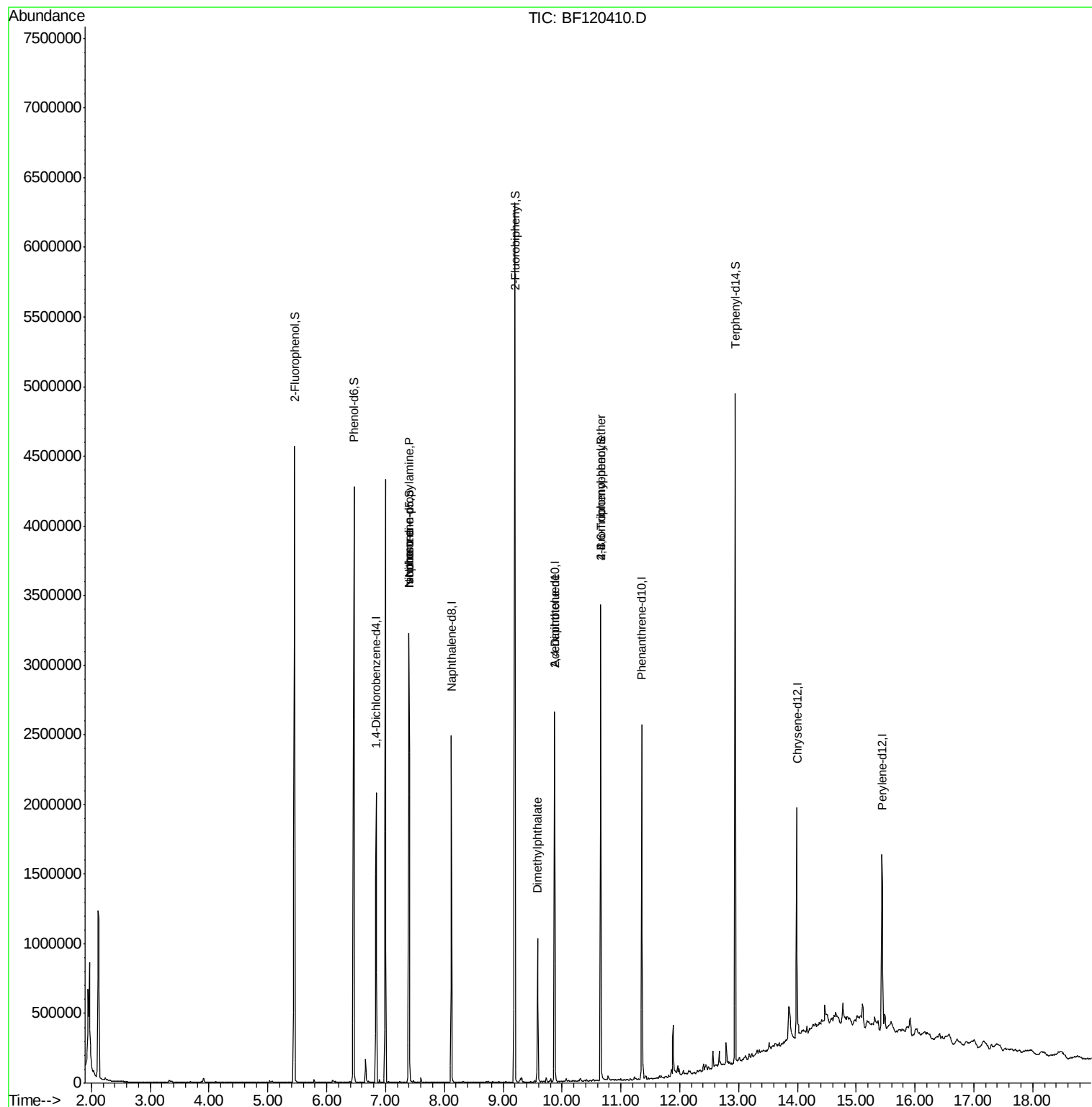
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.84	152	294208	20.00	ng	0.00
21) Naphthalene-d8	8.12	136	1075304	20.00	ng	0.00
39) Acenaphthene-d10	9.87	164	520125	20.00	ng	0.00
64) Phenanthrene-d10	11.36	188	895808	20.00	ng	0.00
76) Chrysene-d12	13.99	240	552417	20.00	ng	0.00
86) Perylene-d12	15.44	264	575751	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.45	112	1332101	86.29	ng	0.00
7) Phenol-d6	6.46	99	1679146	88.24	ng	0.00
23) Nitrobenzene-d5	7.40	82	1085370	66.03	ng	0.00
42) 2,4,6-Tribromophenol	10.66	330	432886	89.83	ng	0.00
45) 2-Fluorobiphenyl	9.20	172	1958432	63.89	ng	0.00
79) Terphenyl-d14	12.94	244	1742382	70.19	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propylamine	7.40	70	146241	12.090	ng	# 78
25) Isophorone	7.40	82	1079443	32.671	ng	# 64
50) Dimethylphthalate	9.59	163	365443	11.239	ng	99
57) 2,4-Dinitrotoluene	9.87	165	68036	7.356	ng	# 22
67) 4-Bromophenyl-phenylether	10.66	248	26209	2.898	ng	# 1

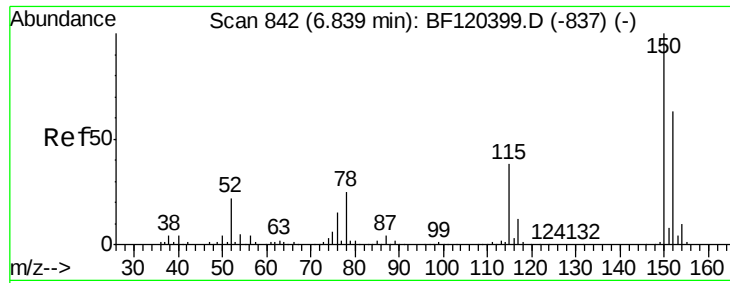
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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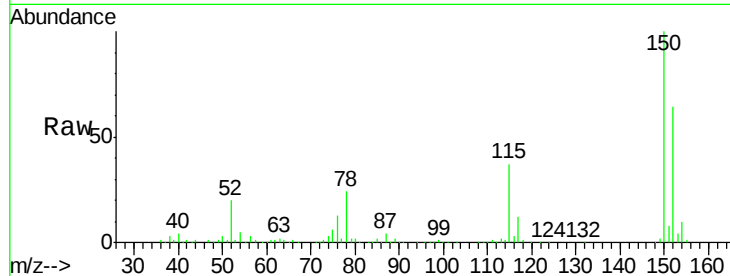


#1

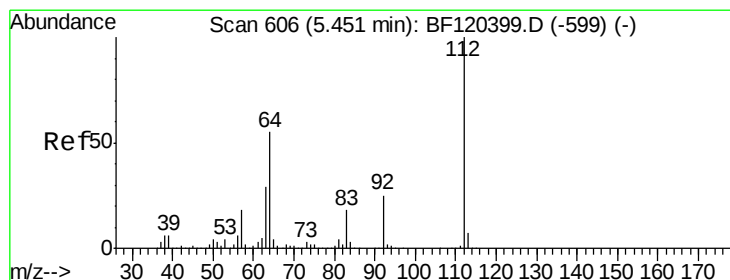
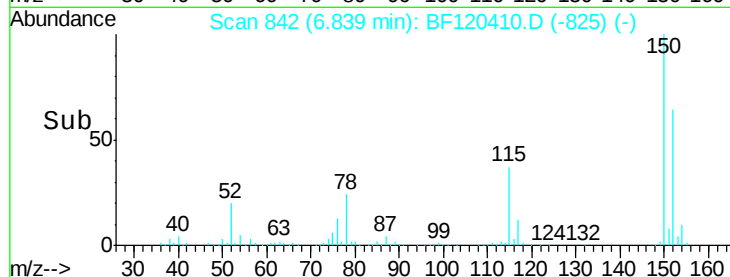
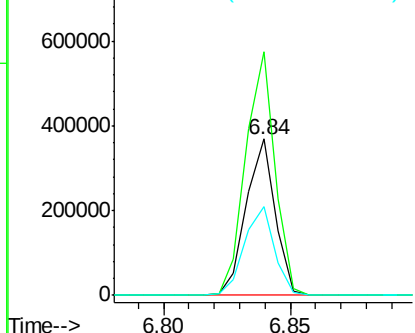
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.84 min Scan# 842
Delta R.T. 0.00 min
Lab File: BF120410.D
Acq: 28 May 2020 16:10

Instrument :
BNA_F
ClientSampleId :
ISLAND-BETWEEN-G-H-3

Tot Ion	Ratio	Lower	Upper
152	100		
150	155.6	126.5	189.7
115	57.0	47.6	71.4



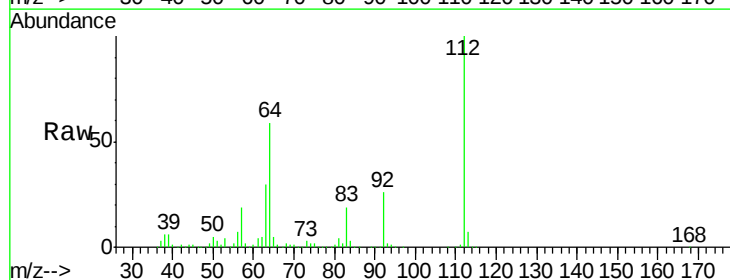
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



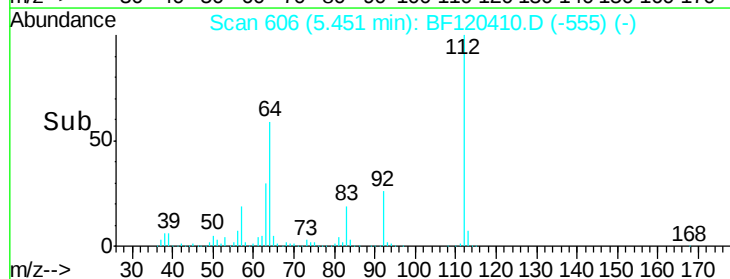
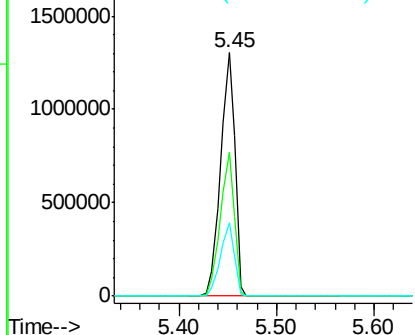
#5

2-Fluorophenol
Concen: 86.288 ng
RT: 5.45 min Scan# 606
Delta R.T. 0.00 min
Lab File: BF120410.D
Acq: 28 May 2020 16:10

Tgt Ion	Ratio	Lower	Upper
112	100		
64	59.2	44.3	66.5
63	30.4	22.9	34.3



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: 88.244 ng

RT: 6.46 min Scan# 778

Delta R.T. -0.01 min

Lab File: BF120410.D

Acq: 28 May 2020 16:10

Instrument :

BNA_F

ClientSampleId :

ISLAND-BETWEEN-G-H-3

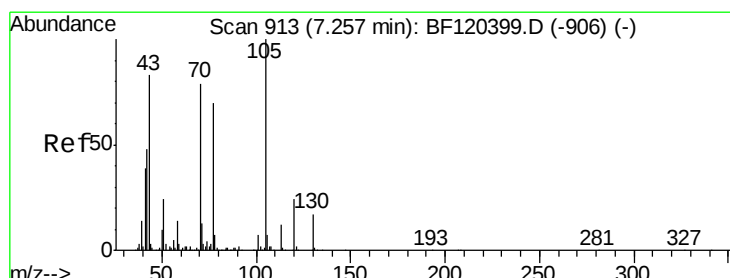
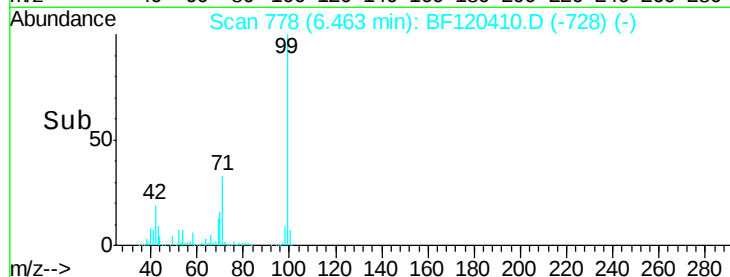
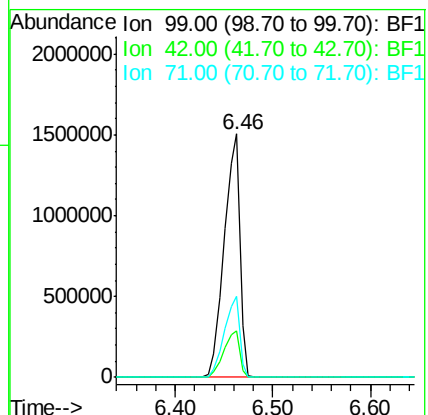
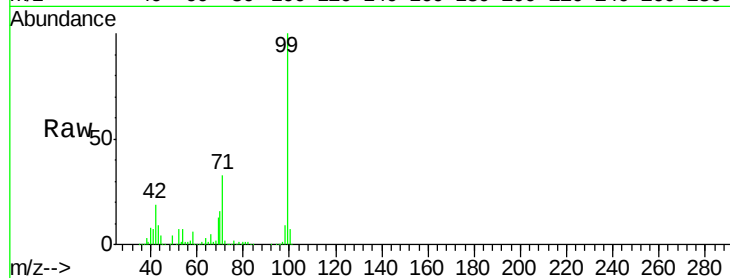
Tot Ion: 99 Resp: 1679146

Ion Ratio Lower Upper

99 100

42 19.2 15.2 22.8

71 33.1 25.6 38.4



#19

n-Nitroso-di-n-propylamine

Concen: 12.090 ng

RT: 7.40 min Scan# 937

Delta R.T. 0.14 min

Lab File: BF120410.D

Acq: 28 May 2020 16:10

Tgt Ion: 70 Resp: 146241

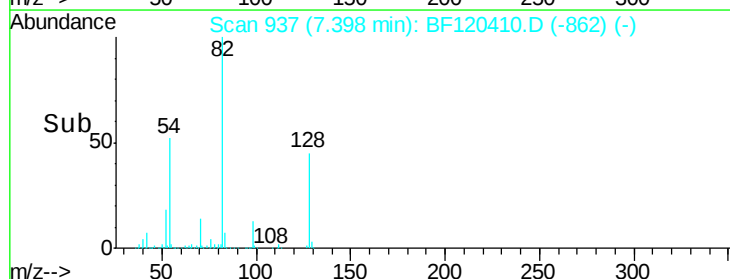
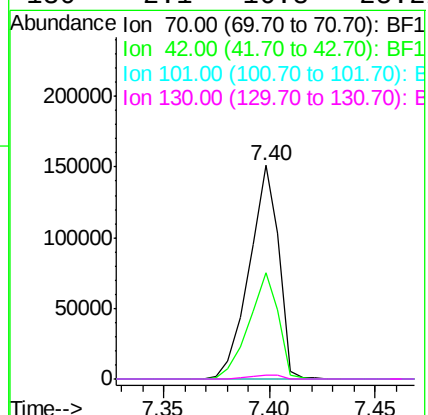
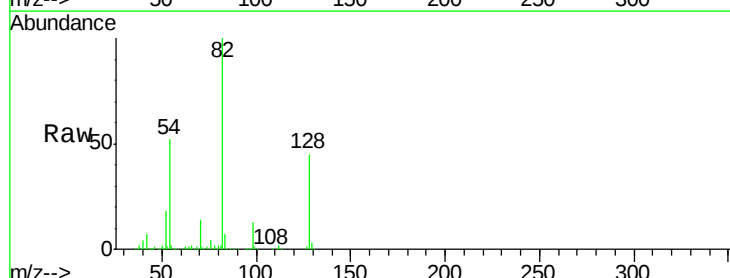
Ion Ratio Lower Upper

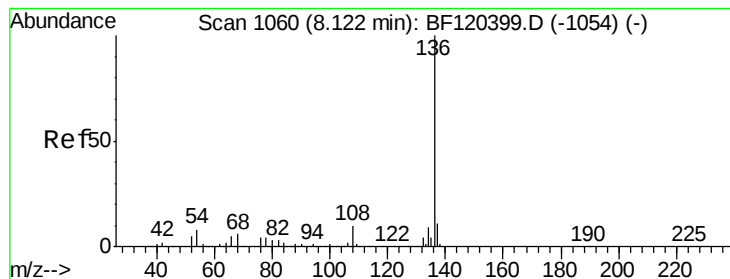
70 100

42 49.6 48.9 73.3

101 0.0 7.4 11.2#

130 2.1 16.8 25.2#





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.12 min Scan# 1060

Delta R.T. 0.00 min

Lab File: BF120410.D

Acq: 28 May 2020 16:10

Instrument :

BNA_F

ClientSampleId :

ISLAND-BETWEEN-G-H-3

Tot Ion:136 Resp: 1075304

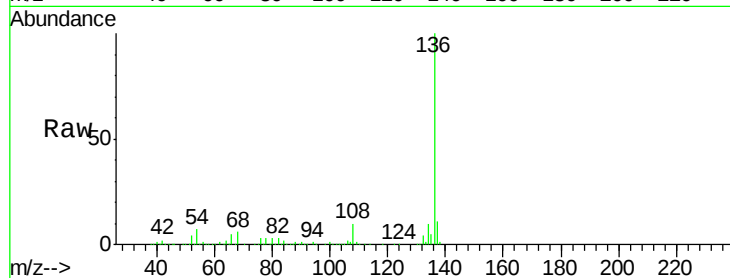
Ion Ratio Lower Upper

136 100

137 11.2 9.1 13.7

54 7.3 6.7 10.1

68 6.0 5.0 7.4

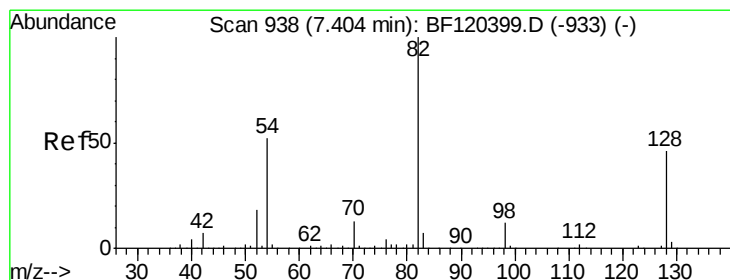
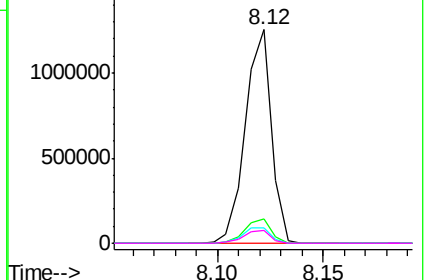
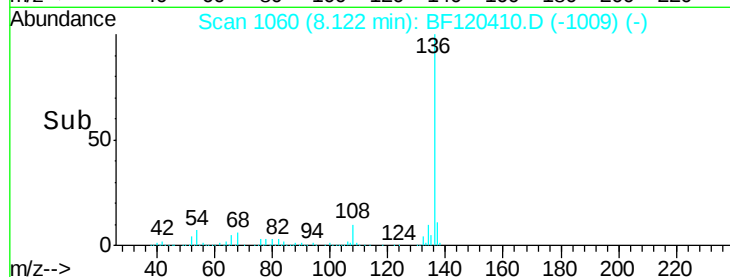


Abundance Ion 136.00 (135.70 to 136.70): E

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: 66.025 ng

RT: 7.40 min Scan# 937

Delta R.T. -0.01 min

Lab File: BF120410.D

Acq: 28 May 2020 16:10

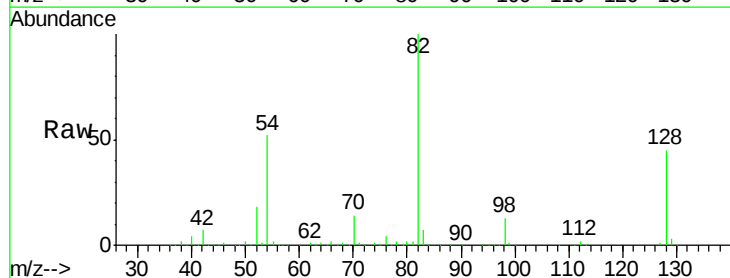
Tgt Ion: 82 Resp: 1085370

Ion Ratio Lower Upper

82 100

128 45.1 36.8 55.2

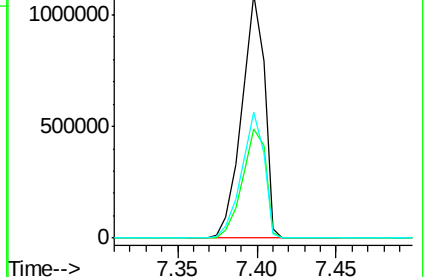
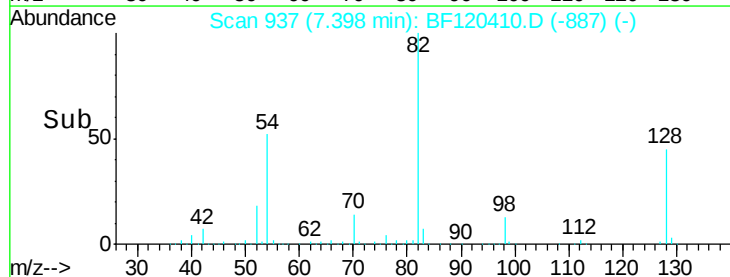
54 51.9 41.6 62.4



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: 32.671 ng

RT: 7.40 min Scan# 937

Delta R.T. -0.26 min

Lab File: BF120410.D

Acq: 28 May 2020 16:10

Instrument :

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ClientSampleId :

ISLAND-BETWEEN-G-H-3

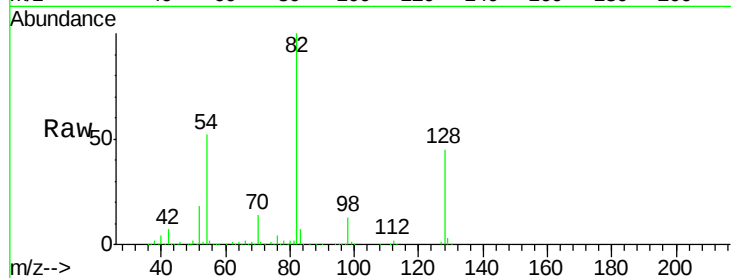
Tot Ion: 82 Resp: 1079443

Ion Ratio Lower Upper

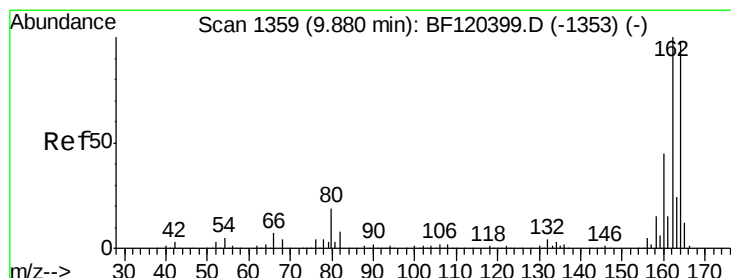
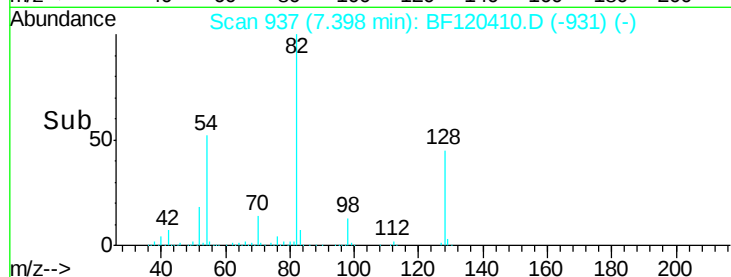
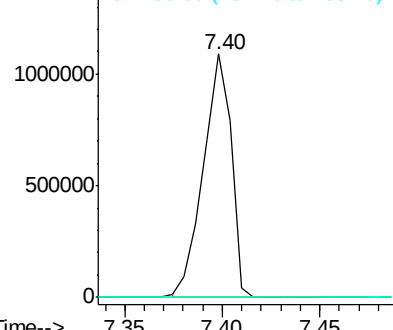
82 100

95 0.0 5.6 8.4#

138 0.0 15.0 22.4#



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



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.87 min Scan# 1358

Delta R.T. -0.01 min

Lab File: BF120410.D

Acq: 28 May 2020 16:10

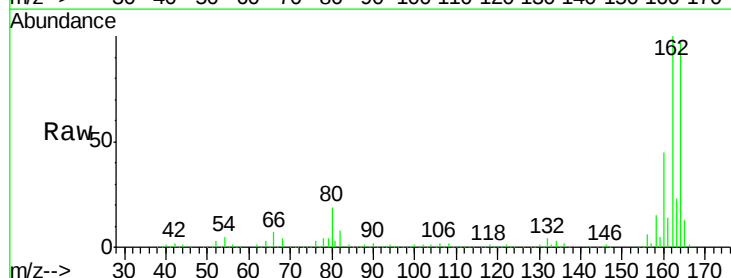
Tgt Ion: 164 Resp: 520125

Ion Ratio Lower Upper

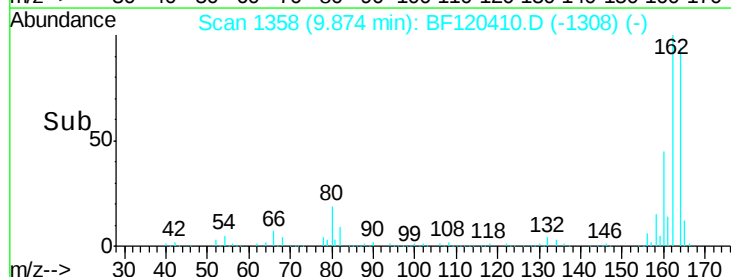
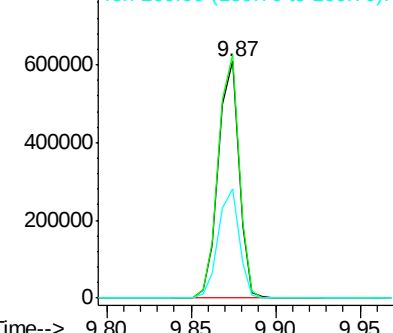
164 100

162 102.7 81.3 121.9

160 46.2 36.9 55.3



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

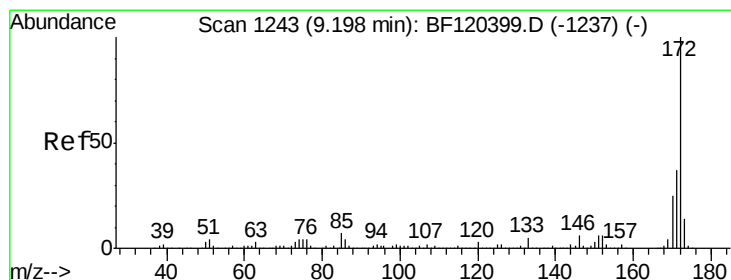
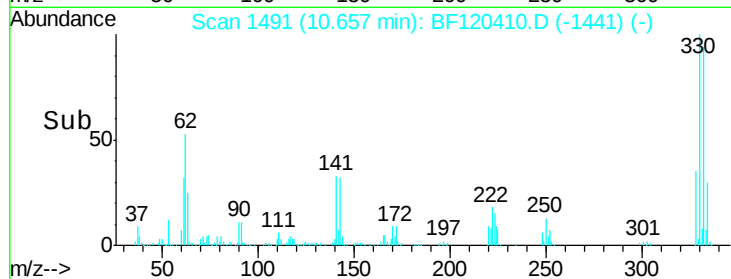
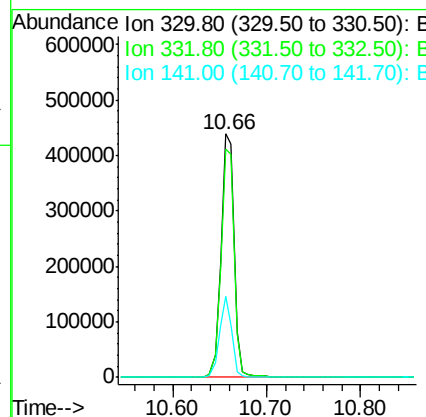
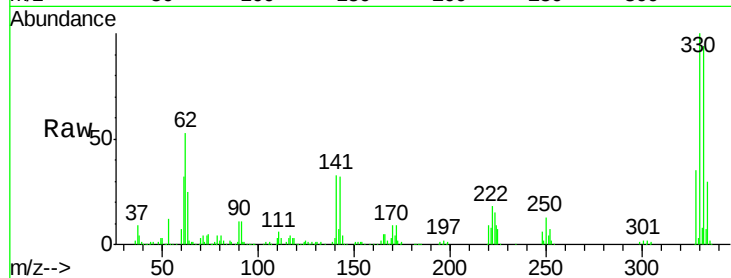




#42
 2,4,6-Tribromophenol
 Concen: 89.826 ng
 RT: 10.66 min Scan# 1491
 Delta R.T. -0.01 min
 Lab File: BF120410.D
 Acq: 28 May 2020 16:10

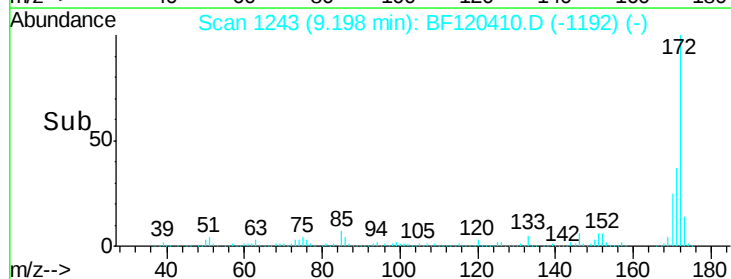
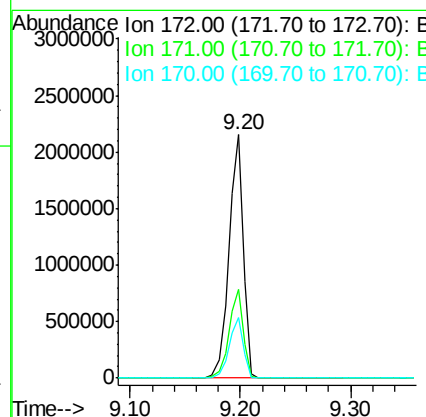
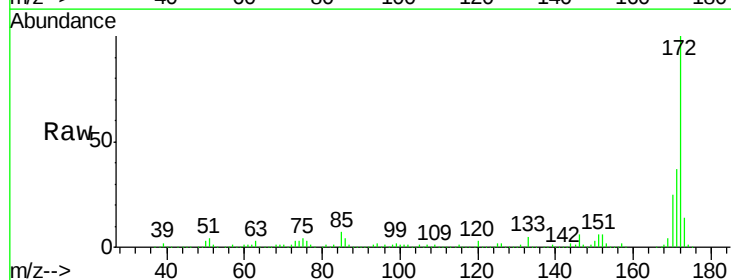
Instrument :
 BNA_F
 ClientSampleId :
 ISLAND-BETWEEN-G-H-3

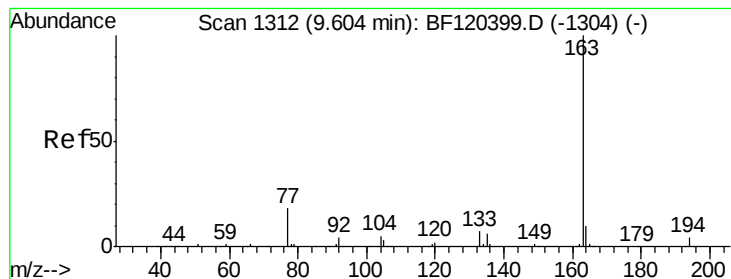
Tot Ion	330	332	141
Resp:	432886		
Ion Ratio	100	95.0	31.4
Lower		77.0	25.3
Upper		115.6	37.9



#45
 2-Fluorobiphenyl
 Concen: 63.886 ng
 RT: 9.20 min Scan# 1243
 Delta R.T. 0.00 min
 Lab File: BF120410.D
 Acq: 28 May 2020 16:10

Tgt Ion	172	171	170
Resp:	1958432		
Ion Ratio	100	36.6	24.6
Lower		29.7	19.9
Upper		44.5	29.9





#50

Dimethylphthalate

Concen: 11.239 ng

RT: 9.59 min Scan# 1309

Delta R.T. -0.02 min

Lab File: BF120410.D

Acq: 28 May 2020 16:10

Instrument :

BNA_F

ClientSampleId :

ISLAND-BETWEEN-G-H-3

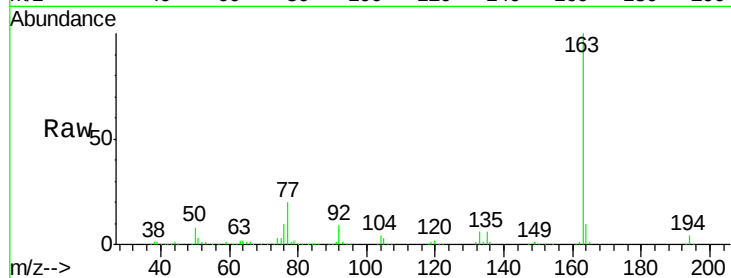
Tot Ion:163 Resp: 365443

Ion Ratio Lower Upper

163 100

194 3.9 3.3 4.9

164 10.2 8.3 12.5

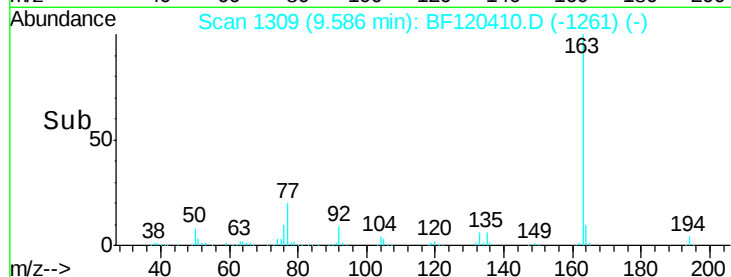


Abundance Ion 163.00 (162.70 to 163.70): E

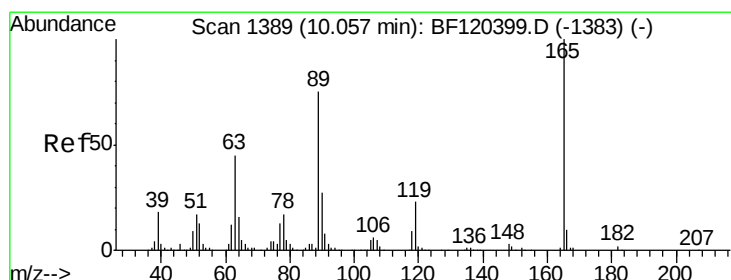
Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E

Time-->



Time-->



#57

2,4-Dinitrotoluene

Concen: 7.356 ng

RT: 9.87 min Scan# 1358

Delta R.T. -0.18 min

Lab File: BF120410.D

Acq: 28 May 2020 16:10

Tgt Ion:165 Resp: 68036

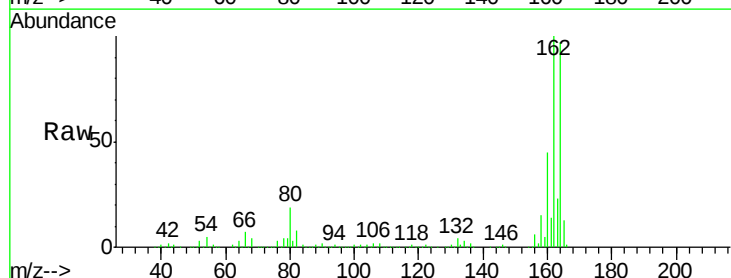
Ion Ratio Lower Upper

165 100

63 1.0 35.9 53.9#

89 1.4 60.0 90.0#

182 0.0 2.0 3.0#



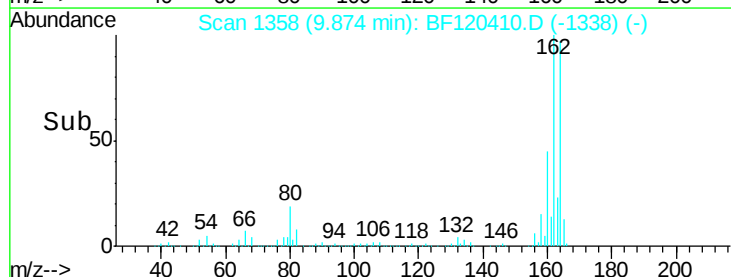
Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF1

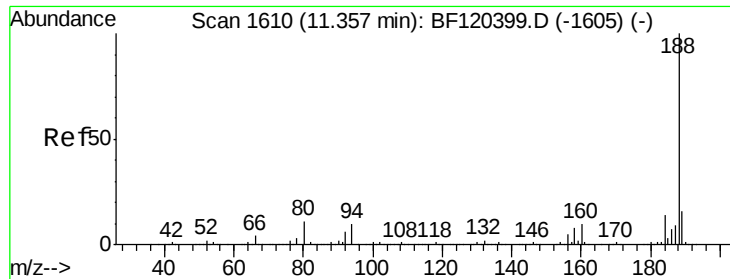
Ion 89.00 (88.70 to 89.70): BF1

Ion 182.00 (181.70 to 182.70): E

Time-->



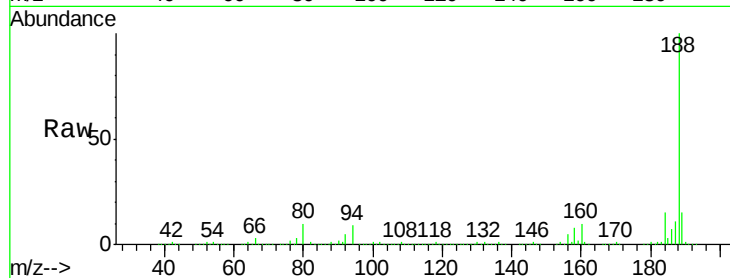
Time-->



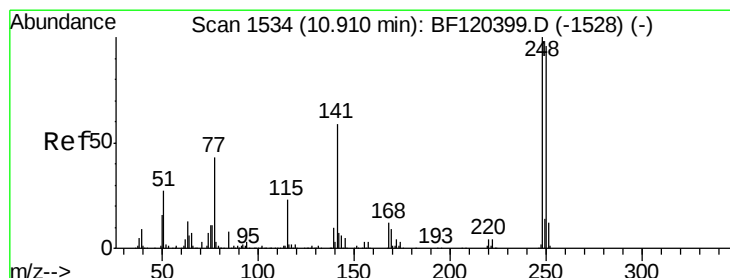
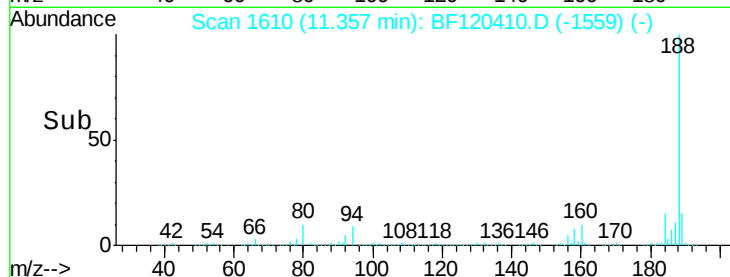
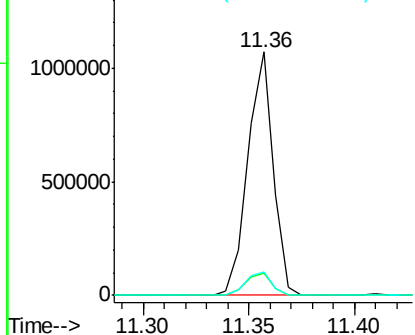
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.36 min Scan# 1610
Delta R.T. 0.00 min
Lab File: BF120410.D
Acq: 28 May 2020 16:10

Instrument :
BNA_F
ClientSampleId :
ISLAND-BETWEEN-G-H-3

Tot Ion:188	Resp:	895808
Ion Ratio	Lower	Upper
188	100	
94	9.1	7.9 11.9
80	9.7	8.6 13.0

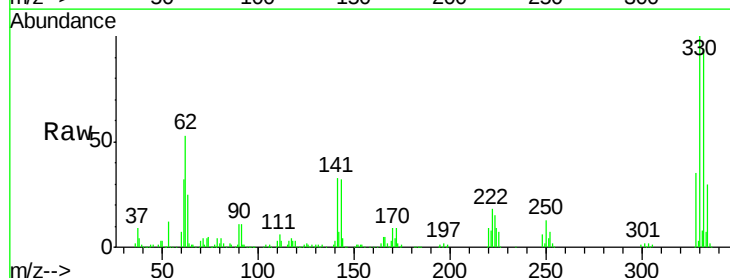


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF1
Ion 80.00 (79.70 to 80.70): BF1

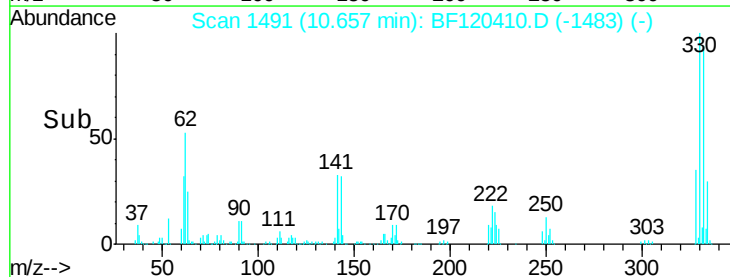
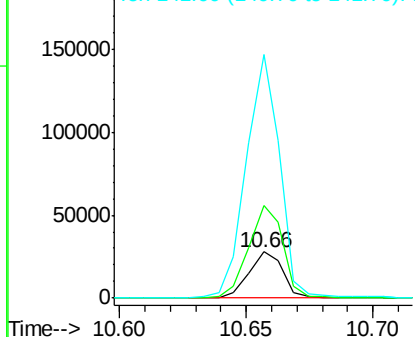


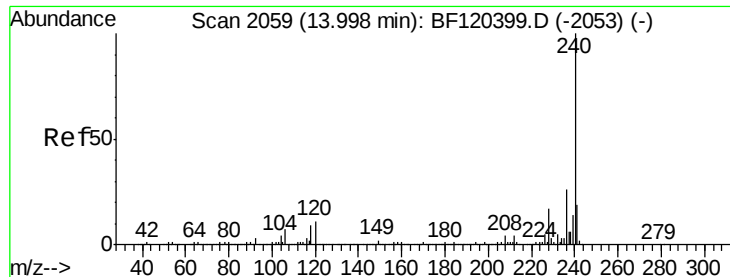
#67
4-Bromophenyl-phenylether
Concen: 2.898 ng
RT: 10.66 min Scan# 1491
Delta R.T. -0.25 min
Lab File: BF120410.D
Acq: 28 May 2020 16:10

Tgt Ion:248	Resp:	26209
Ion Ratio	Lower	Upper
248	100	
250	199.3	76.5 114.7#
141	524.2	47.2 70.8#



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

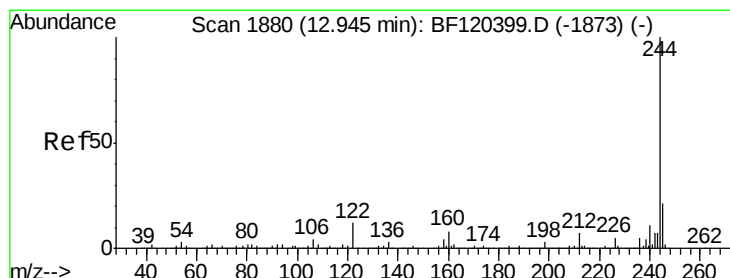
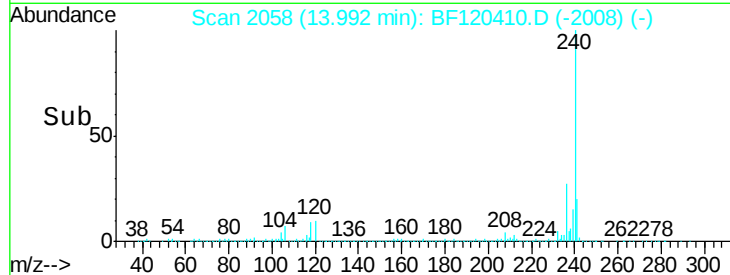
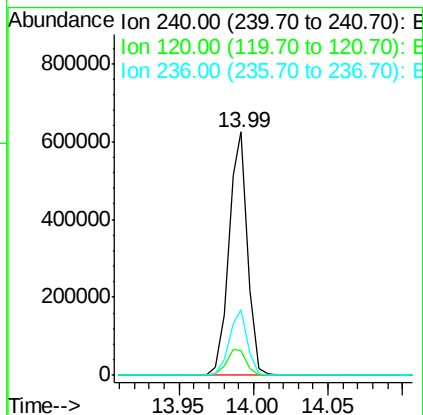
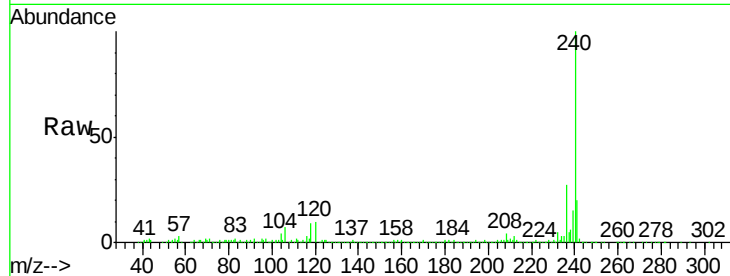




#76
 Chrysene-d12
 Concen: 20.000 ng
 RT: 13.99 min Scan# 2058
 Delta R.T. -0.01 min
 Lab File: BF120410.D
 Acq: 28 May 2020 16:10

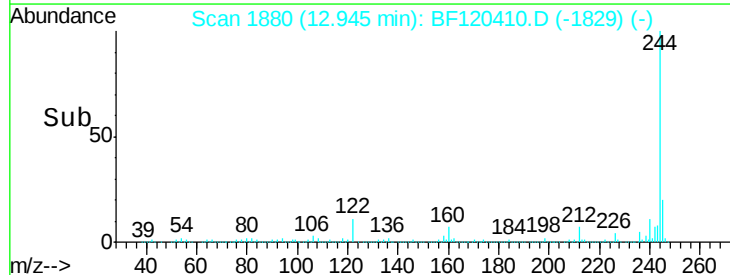
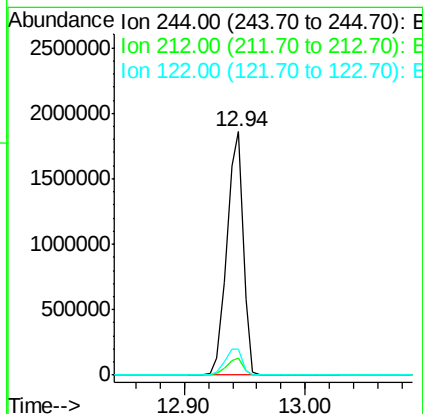
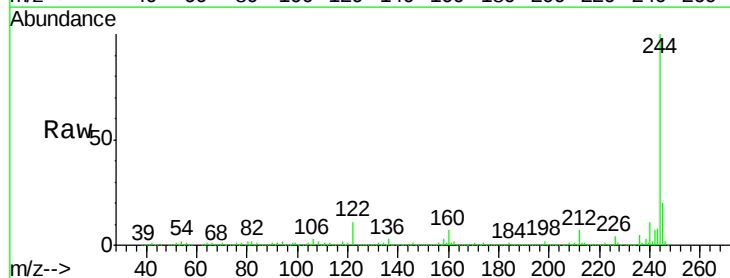
Instrument :
 BNA_F
 ClientSampleId :
 ISLAND-BETWEEN-G-H-3

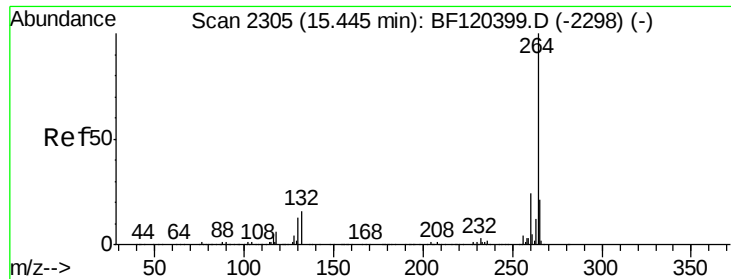
Tot Ion:240 Resp: 552417
 Ion Ratio Lower Upper
 240 100
 120 10.1 8.8 13.2
 236 26.8 21.0 31.4



#79
 Terphenyl-d14
 Concen: 70.186 ng
 RT: 12.94 min Scan# 1880
 Delta R.T. 0.00 min
 Lab File: BF120410.D
 Acq: 28 May 2020 16:10

Tgt Ion:244 Resp: 1742382
 Ion Ratio Lower Upper
 244 100
 212 6.9 5.9 8.9
 122 10.7 9.2 13.8





#86
 Pervlene-d12
 Concen: 20.000 ng
 RT: 15.44 min Scan# 2304
 Delta R.T. -0.01 min
 Lab File: BF120410.D
 Acq: 28 May 2020 16:10

Instrument :
 BNA_F
 ClientSampleId :
 ISLAND-BETWEEN-G-H-3

Tot Ion: 264 Resp: 575751
 Ion Ratio Lower Upper
 264 100
 260 23.5 19.2 28.8
 265 21.8 16.9 25.3

