

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF071420\
 Data File : BF120859.D
 Acq On : 14 Jul 2020 14:17
 Operator : JU/CG
 Sample : L3283-14
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SLAB-COMP

Quant Time: Jul 14 15:06:58 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF070220.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Jul 13 14:16:14 2020
 Response via : Initial Calibration

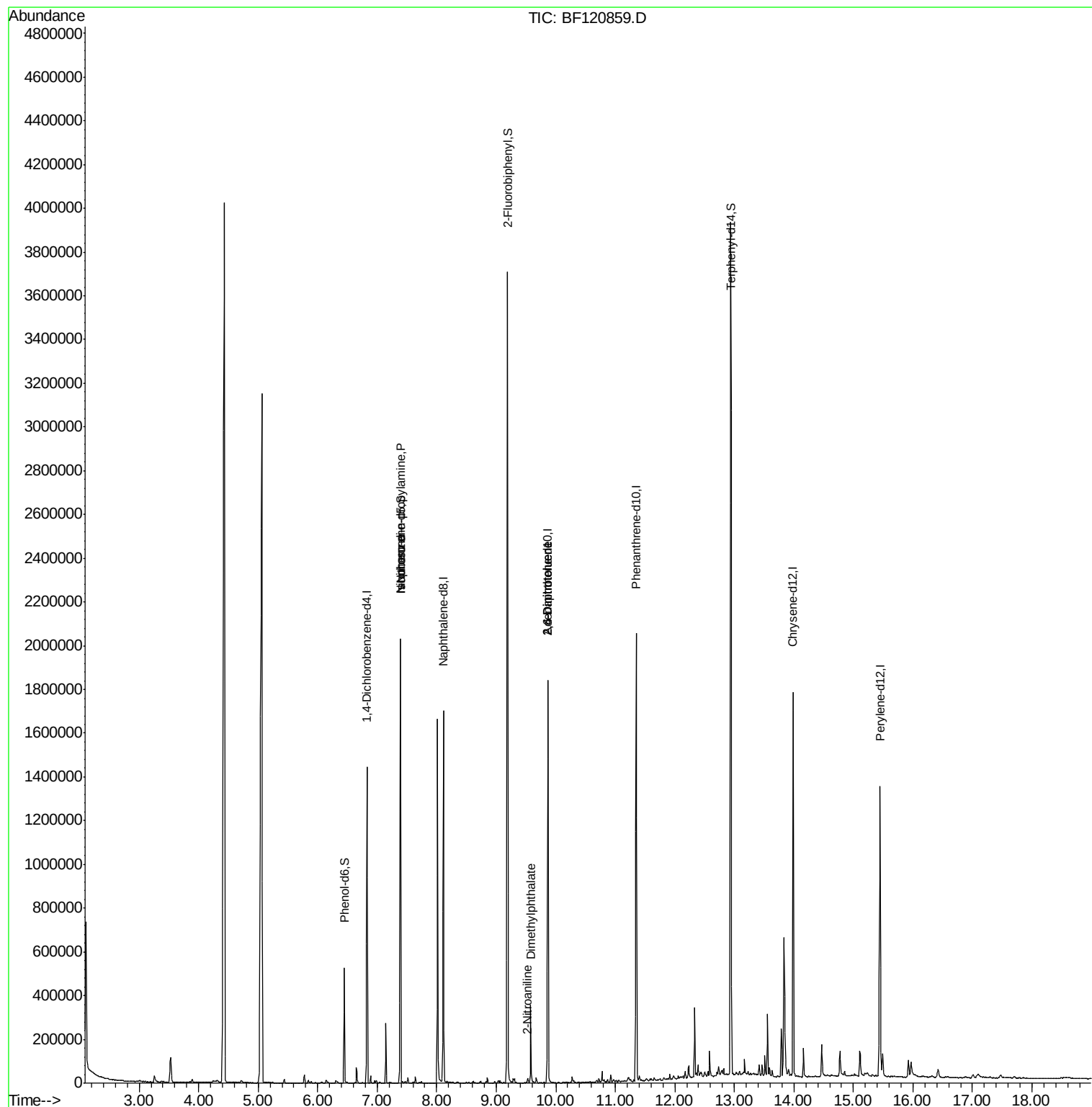
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.83	152	196208	20.00	ng	0.00
21) Naphthalene-d8	8.11	136	751565	20.00	ng	0.00
39) Acenaphthene-d10	9.87	164	380534	20.00	ng	0.00
64) Phenanthrene-d10	11.35	188	717371	20.00	ng	0.00
76) Chrysene-d12	13.99	240	619937	20.00	ng	-0.02
86) Perylene-d12	15.44	264	613319	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.44	112	5187	0.41	ng	0.00
7) Phenol-d6	6.45	99	147409	9.08	ng	-0.02
23) Nitrobenzene-d5	7.39	82	704246	54.29	ng	-0.01
42) 2,4,6-Tribromophenol	0.00	330	0	0.00	ng	
45) 2-Fluorobiphenyl	9.19	172	1291483	51.35	ng	0.00
79) Terphenyl-d14	12.94	244	1291045	40.77	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propylamine	7.39	70	94253	9.644	ng	# 77
25) Isophorone	7.39	82	703934	25.163	ng	# 64
48) 2-Nitroaniline	9.53	65	140	2.638	ng	# 5
50) Dimethylphthalate	9.58	163	137844	4.966	ng	99
51) 2,6-Dinitrotoluene	9.87	165	49450	10.816	ng	# 17
57) 2,4-Dinitrotoluene	9.87	165	49450	9.809	ng	# 15

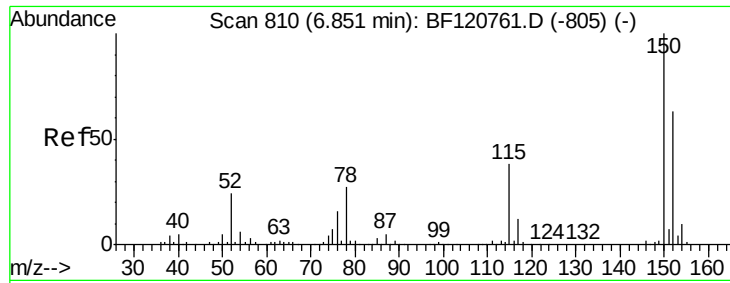
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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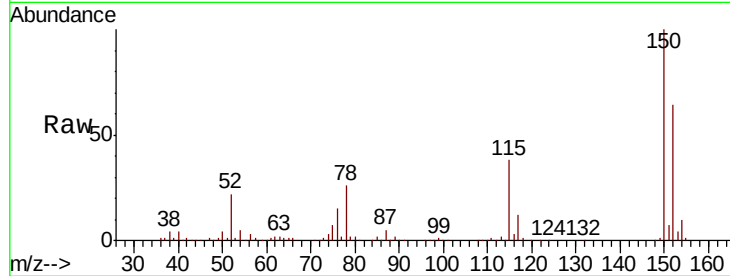


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.83 min Scan# 806
Delta R.T. -0.01 min
Lab File: BF120859.D
Acq: 14 Jul 2020 14:17

Instrument :
BNA_F
ClientSampleId :
SLAB-COMP

Tot Ion	Ratio	Lower	Upper
152	100		
150	157.4	126.1	189.1
115	59.9	48.5	72.7

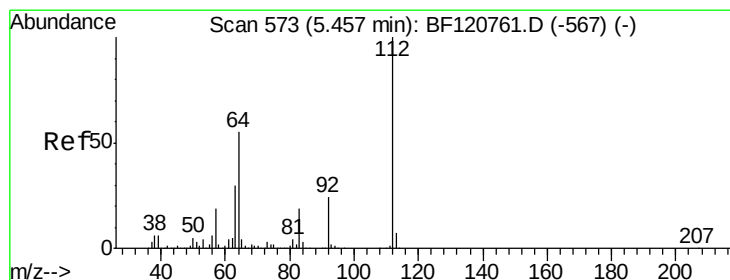
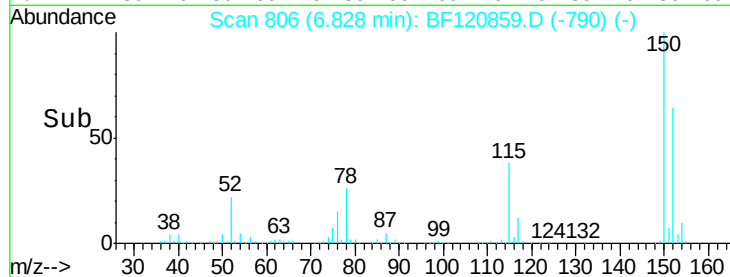
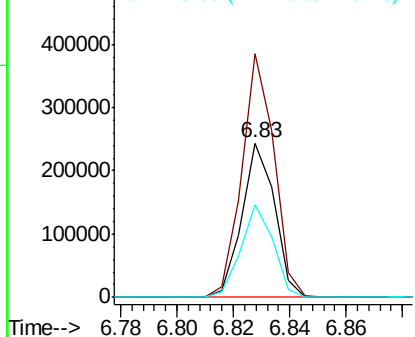


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

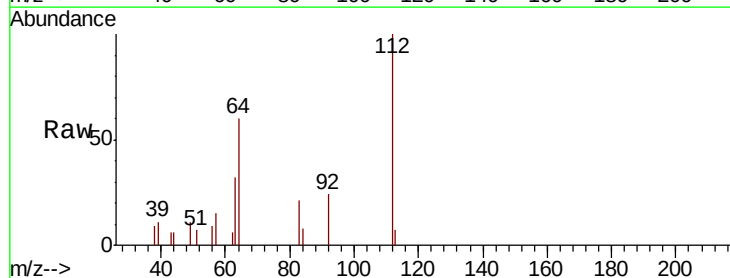
Ion 115.00 (114.70 to 115.70): E



#5

2-Fluorophenol
Concen: 0.408 ng
RT: 5.44 min Scan# 570
Delta R.T. -0.00 min
Lab File: BF120859.D
Acq: 14 Jul 2020 14:17

Tgt Ion	Ratio	Lower	Upper
112	100		
64	59.8	43.8	65.6
63	32.1	23.6	35.4

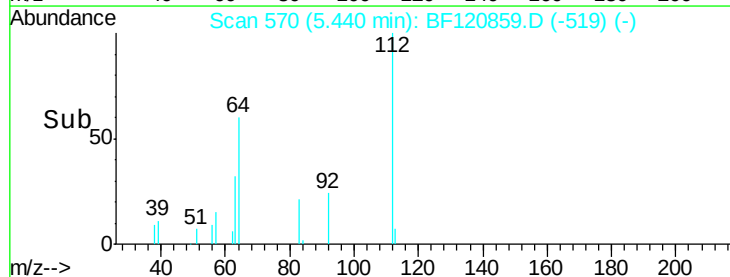
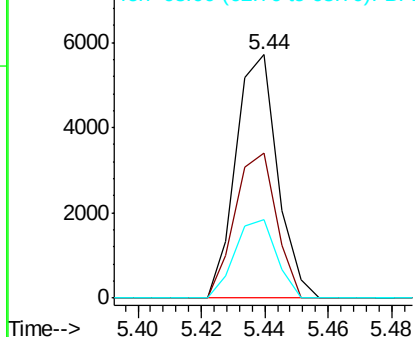


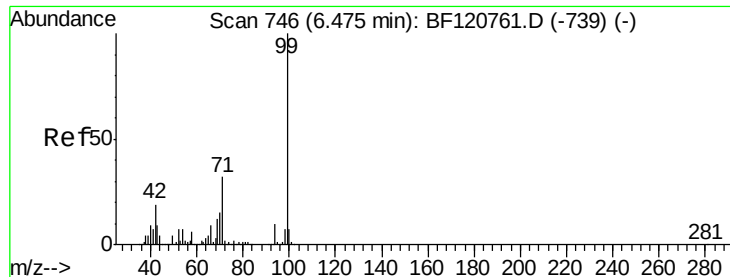
Abundance

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: 9.081 ng

RT: 6.45 min Scan# 741

Delta R.T. -0.02 min

Lab File: BF120859.D

Acq: 14 Jul 2020 14:17

Instrument :

BNA_F

ClientSampleId :

SLAB-COMP

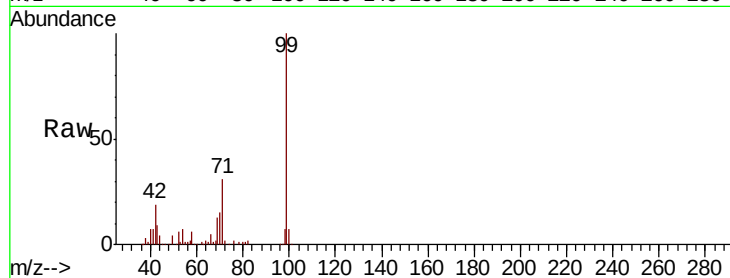
Tot Ion: 99 Resp: 147409

Ion Ratio Lower Upper

99 100

42 19.0 15.4 23.0

71 31.5 25.9 38.9

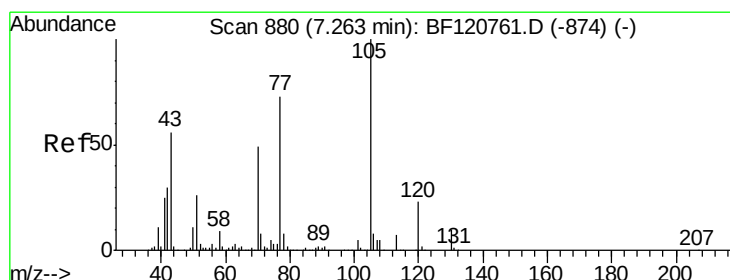
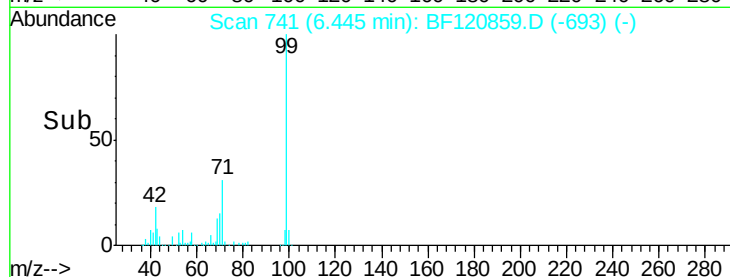
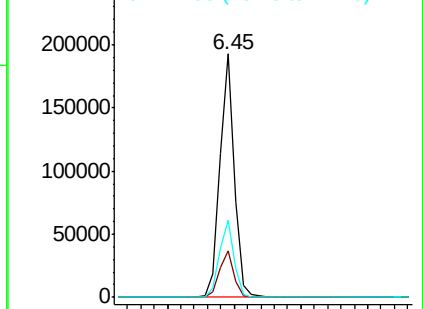


Abundance

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: 9.644 ng

RT: 7.39 min Scan# 901

Delta R.T. 0.14 min

Lab File: BF120859.D

Acq: 14 Jul 2020 14:17

Tgt Ion: 70 Resp: 94253

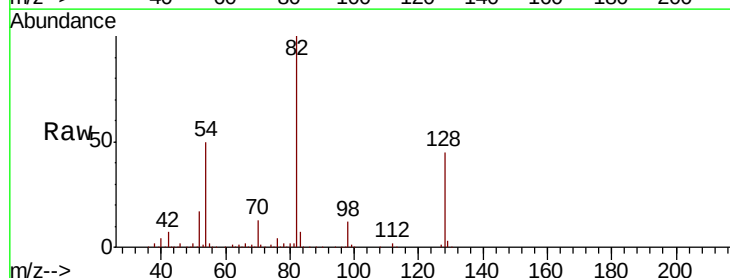
Ion Ratio Lower Upper

70 100

42 49.9 50.3 75.5#

101 0.0 7.5 11.3#

130 2.0 16.1 24.1#



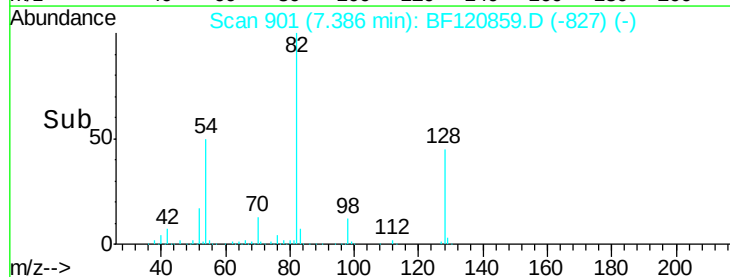
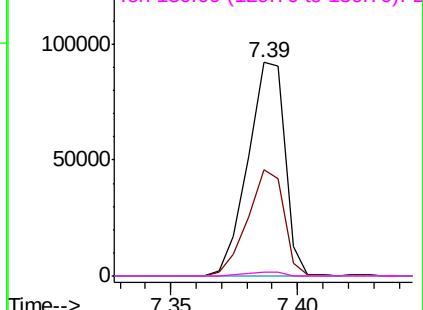
Abundance

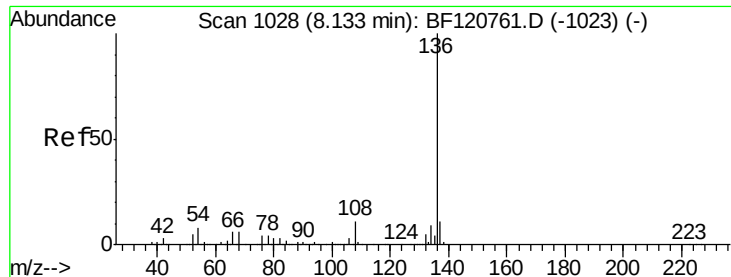
Ion 70.00 (69.70 to 70.70): BF1

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: 8.11 min Scan# 1024

Delta R.T. -0.01 min

Lab File: BF120859.D

Acq: 14 Jul 2020 14:17

Instrument :

BNA_F

ClientSampleId :

SLAB-COMP

Tot Ion:136 Resp: 751565

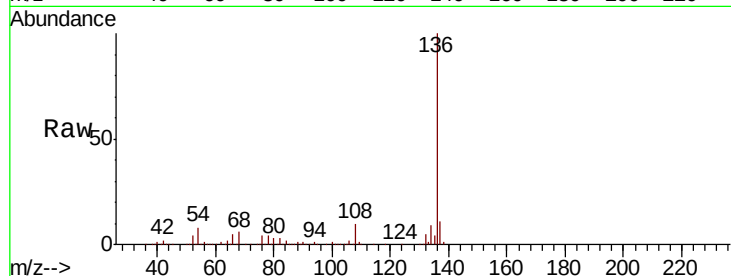
Ion Ratio Lower Upper

136 100

137 11.2 9.0 13.6

54 7.7 6.2 9.4

68 6.1 4.7 7.1

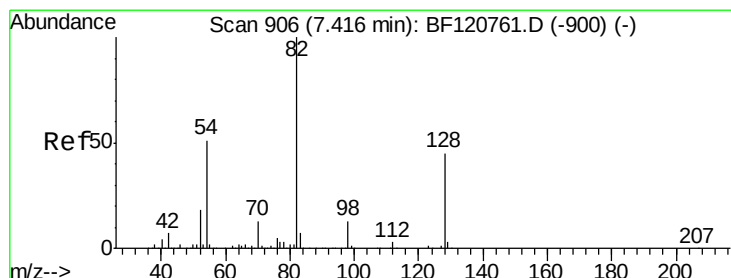
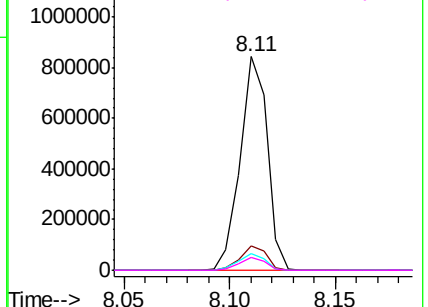
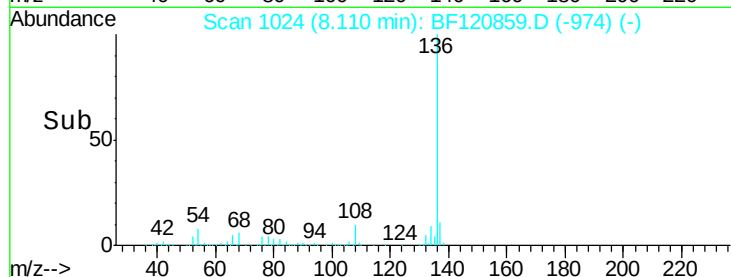


Abundance Ion 136.00 (135.70 to 136.70): E

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: 54.290 ng

RT: 7.39 min Scan# 901

Delta R.T. -0.01 min

Lab File: BF120859.D

Acq: 14 Jul 2020 14:17

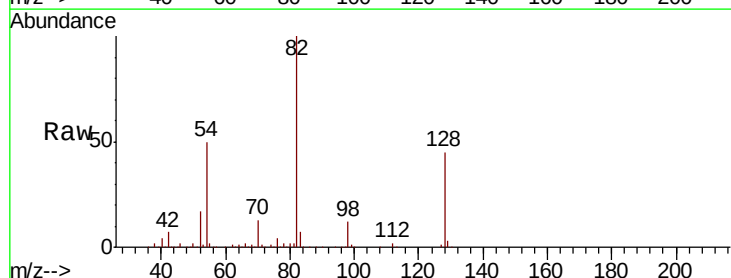
Tgt Ion: 82 Resp: 704246

Ion Ratio Lower Upper

82 100

128 45.1 35.7 53.5

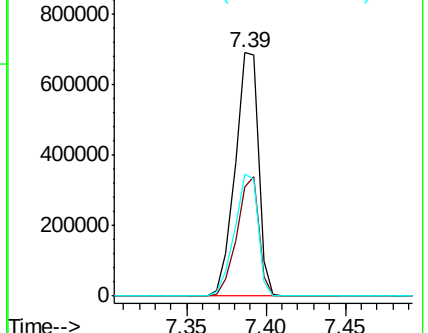
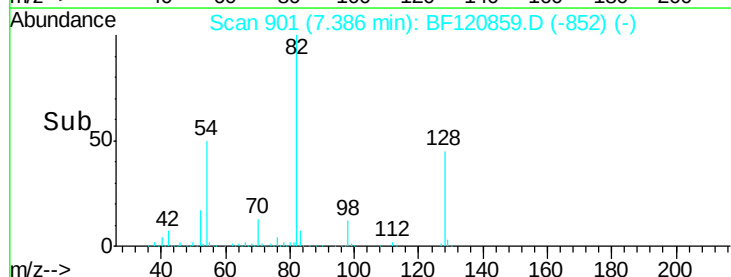
54 50.1 40.9 61.3

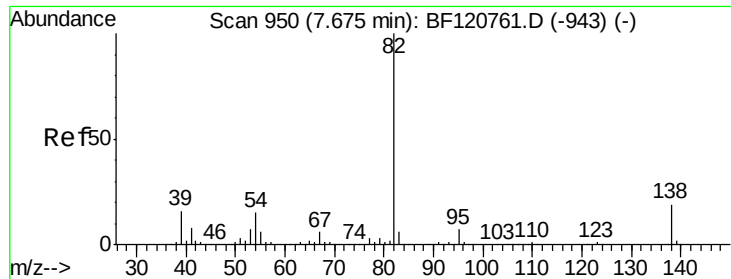


Abundance Ion 82.00 (81.70 to 82.70): BF1

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BF1





#25

Isophorone

Concen: 25.163 ng

RT: 7.39 min Scan# 901

Delta R.T. -0.27 min

Lab File: BF120859.D

Acq: 14 Jul 2020 14:17

Instrument :

BNA_F

ClientSampleId :

SLAB-COMP

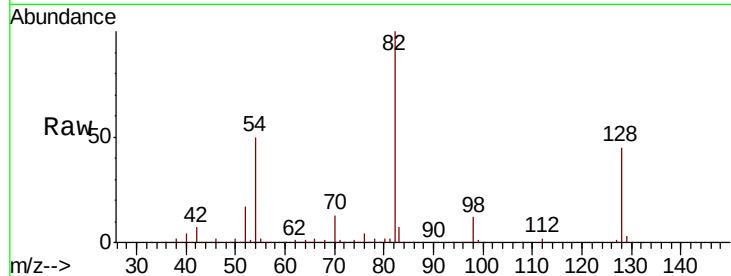
Tot Ion: 82 Resp: 703934

Ion Ratio Lower Upper

82 100

95 0.0 5.4 8.2#

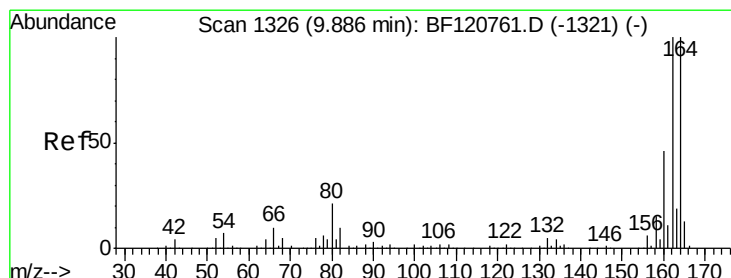
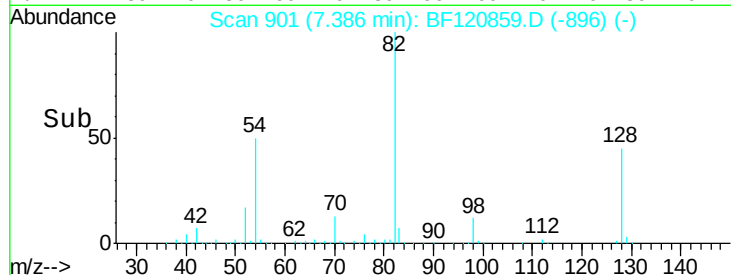
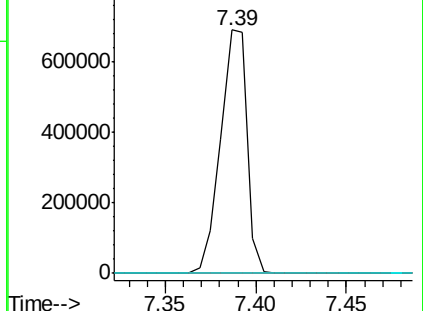
138 0.0 15.0 22.4#



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# 1323

Delta R.T. -0.01 min

Lab File: BF120859.D

Acq: 14 Jul 2020 14:17

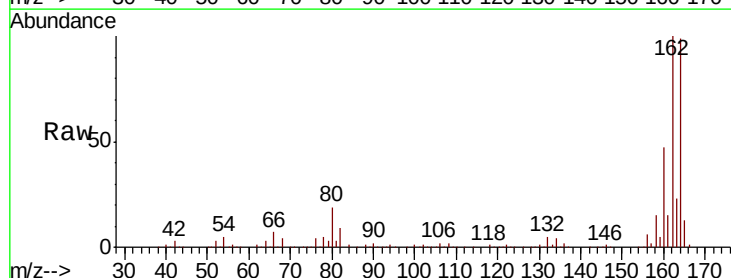
Tgt Ion: 164 Resp: 380534

Ion Ratio Lower Upper

164 100

162 101.0 80.2 120.2

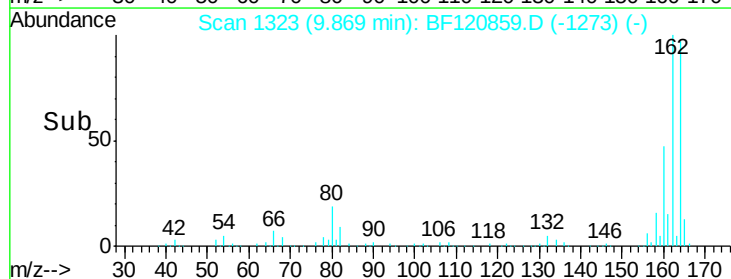
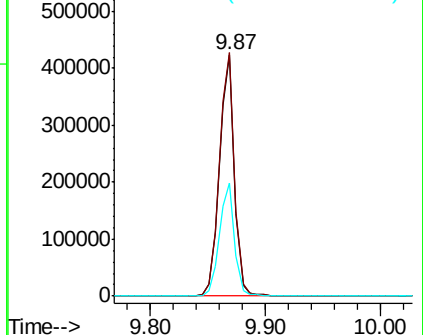
160 47.0 36.9 55.3

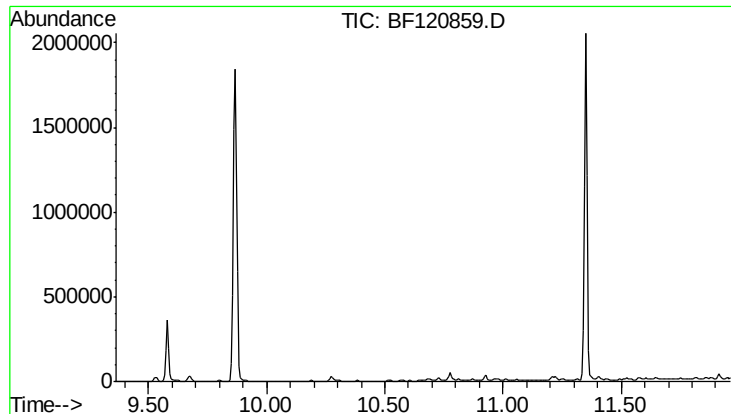


Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E

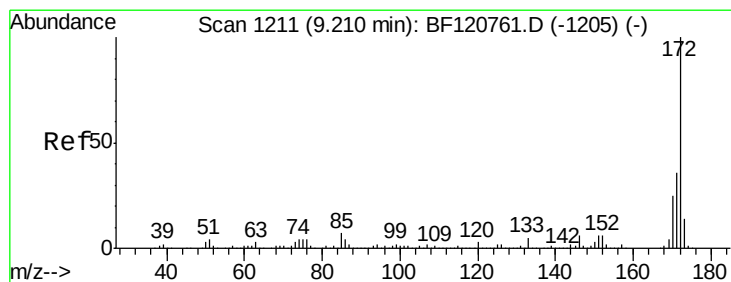
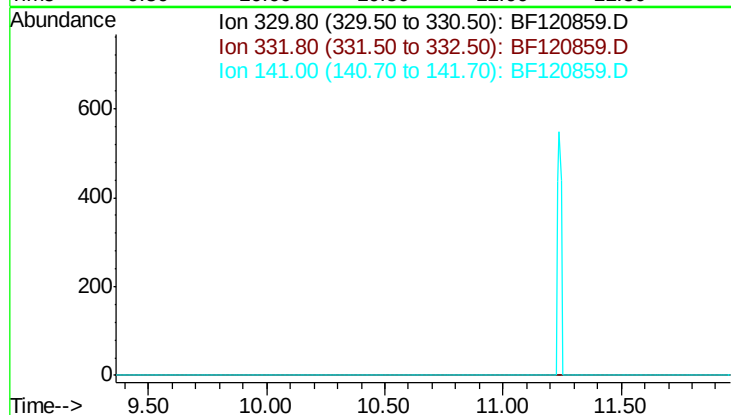




#42
 2,4,6-Tribromophenol
 Concen: 0.000 ng
 Expected RT: 10.66 min
 Lab File: BF120859.D
 Acq: 14 Jul 2020 14:17

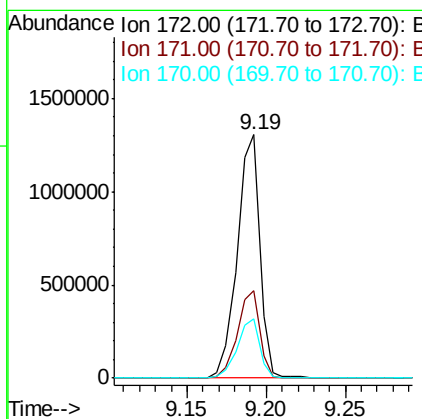
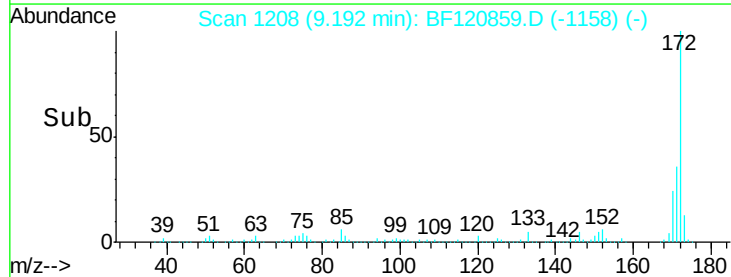
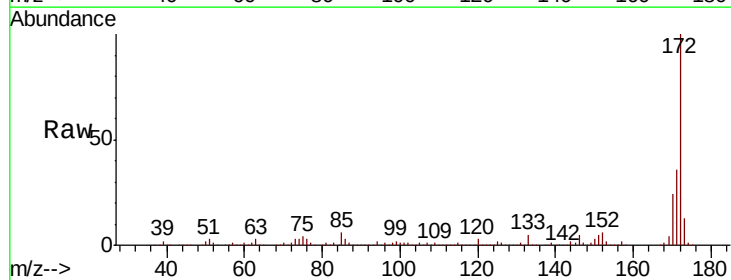
Instrument :
 BNA_F
 ClientSampleId :
 SLAB-COMP

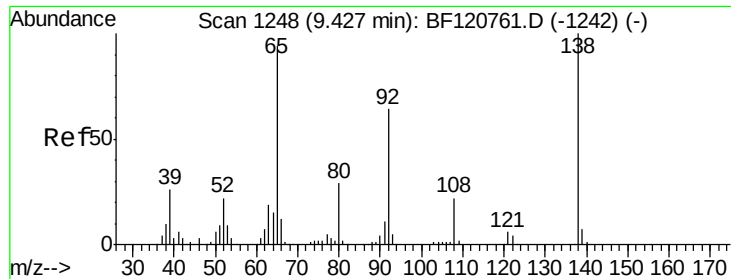
Tot Ion: 330
 Sig Exp Ratio
 330 100
 332 94.7
 141 37.1



#45
 2-Fluorobiphenyl
 Concen: 51.347 ng
 RT: 9.19 min Scan# 1208
 Delta R.T. -0.01 min
 Lab File: BF120859.D
 Acq: 14 Jul 2020 14:17

Tgt Ion: 172 Resp: 1291483
 Ion Ratio Lower Upper
 172 100
 171 35.9 29.1 43.7
 170 24.4 19.8 29.6

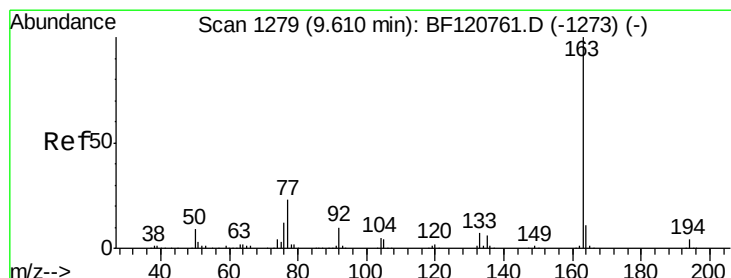
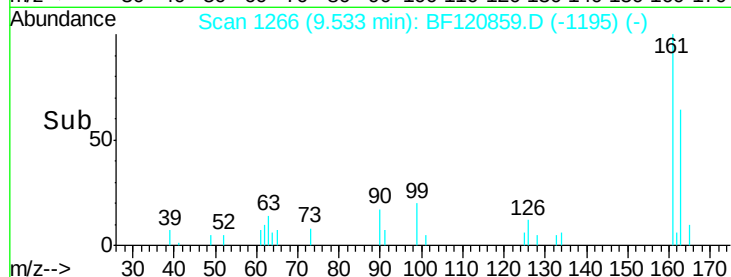
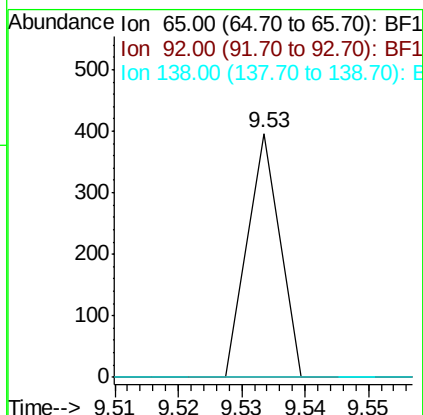
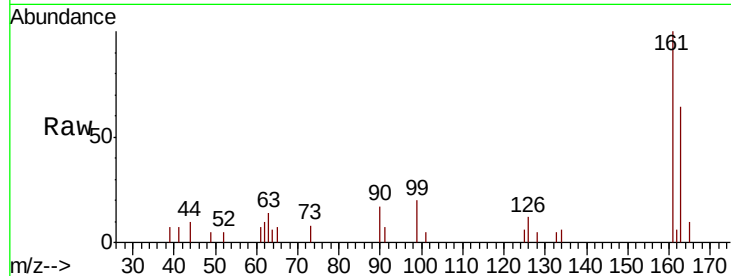




#48
2-Nitroaniline
Concen: 2.638 ng
RT: 9.53 min Scan# 1266
Delta R.T. 0.12 min
Lab File: BF120859.D
Acq: 14 Jul 2020 14:17

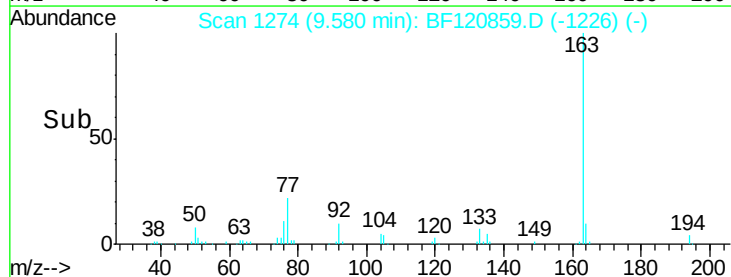
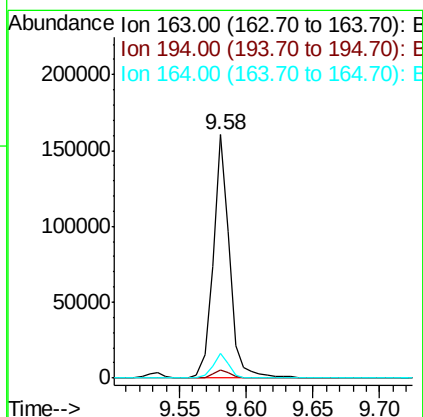
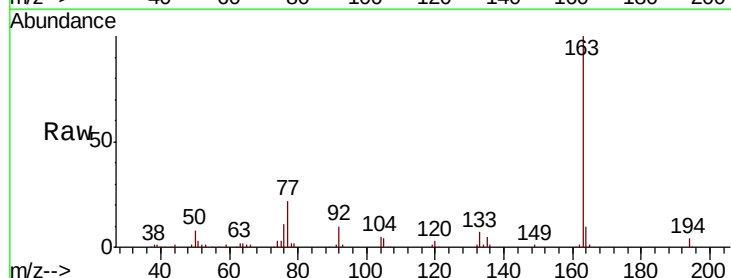
Instrument :
BNA_F
ClientSampleId :
SLAB-COMP

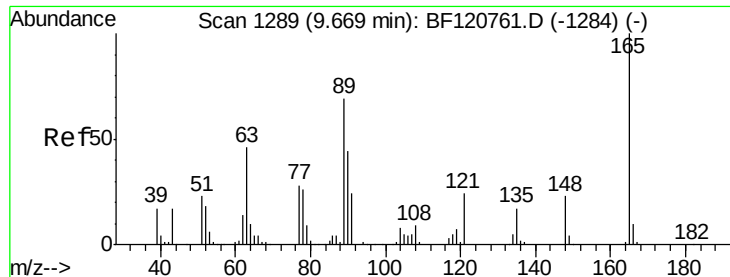
Tot Ion: 65 Resp: 140
Ion Ratio Lower Upper
65 100
92 0.0 54.4 81.6#
138 0.0 84.7 127.1#



#50
Dimethylphthalate
Concen: 4.966 ng
RT: 9.58 min Scan# 1274
Delta R.T. -0.02 min
Lab File: BF120859.D
Acq: 14 Jul 2020 14:17

Tgt Ion:163 Resp: 137844
Ion Ratio Lower Upper
163 100
194 3.6 2.9 4.3
164 10.1 8.5 12.7





#51

2,6-Dinitrotoluene

Concen: 10.816 ng

RT: 9.87 min Scan# 1323

Delta R.T. 0.21 min

Lab File: BF120859.D

Acq: 14 Jul 2020 14:17

Instrument :

BNA_F

ClientSampleId :

SLAB-COMP

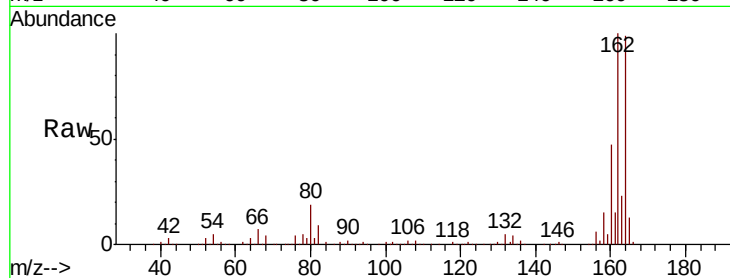
Tot Ion:165 Resp: 49450

Ion Ratio Lower Upper

165 100

63 0.9 54.0 81.0#

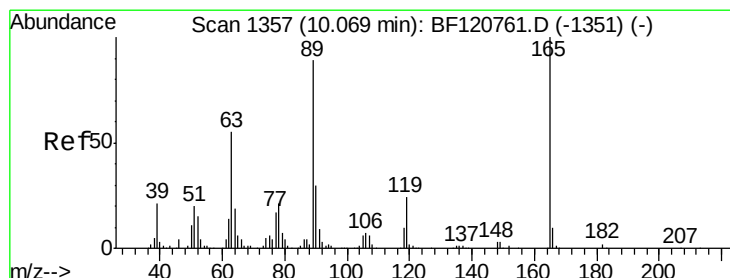
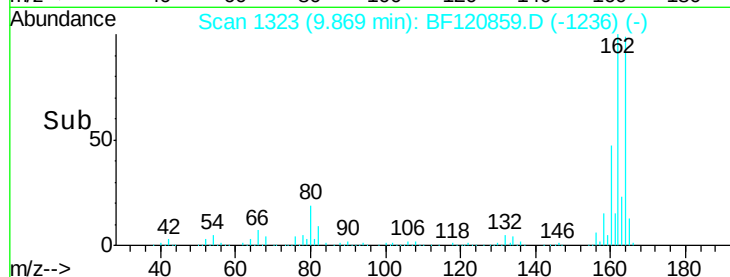
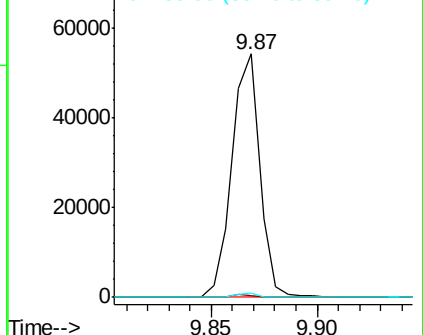
89 1.7 55.4 83.2#



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



#57

2,4-Dinitrotoluene

Concen: 9.809 ng

RT: 9.87 min Scan# 1323

Delta R.T. -0.19 min

Lab File: BF120859.D

Acq: 14 Jul 2020 14:17

Tgt Ion:165 Resp: 49450

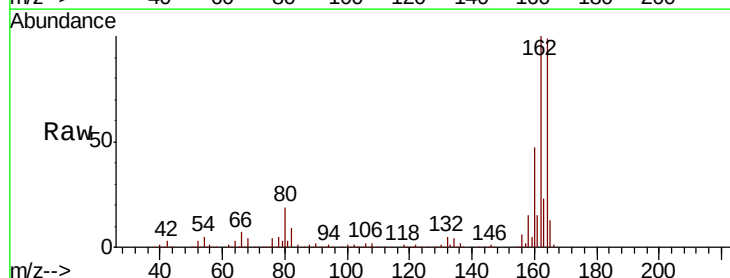
Ion Ratio Lower Upper

165 100

63 0.9 43.8 65.8#

89 1.7 71.4 107.2#

182 0.0 1.8 2.6#

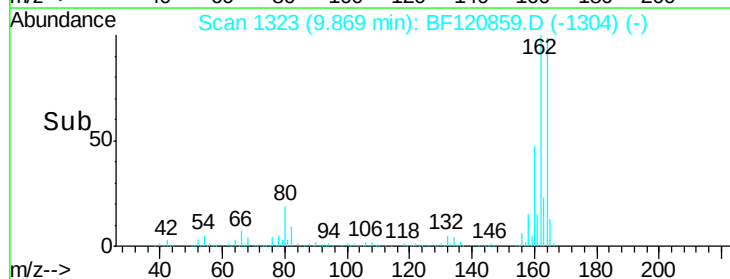
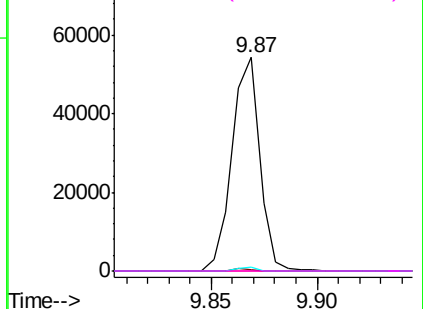


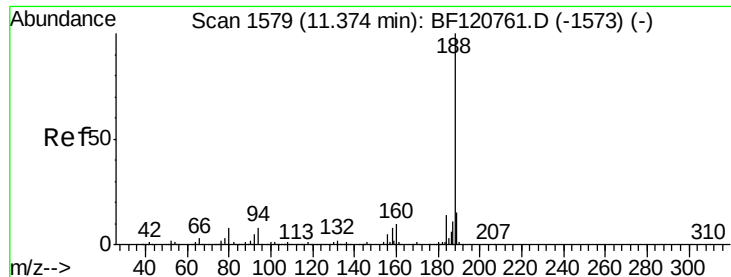
Abundance Ion 165.00 (164.70 to 165.70): E

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





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.35 min Scan# 1575

Delta R.T. -0.01 min

Lab File: BF120859.D

Acq: 14 Jul 2020 14:17

Instrument :

BNA_F

ClientSampled :

SLAB-COMP

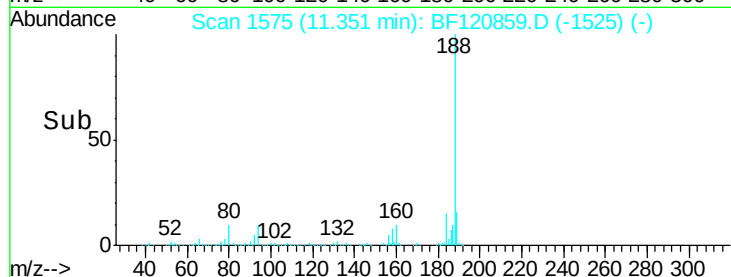
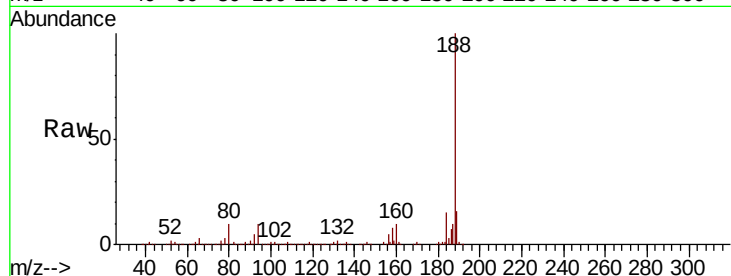
Tot Ion:188 Resp: 717371

Ion Ratio Lower Upper

188 100

94 9.8 6.6 9.8

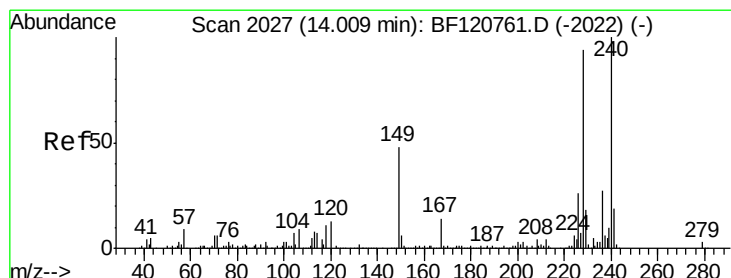
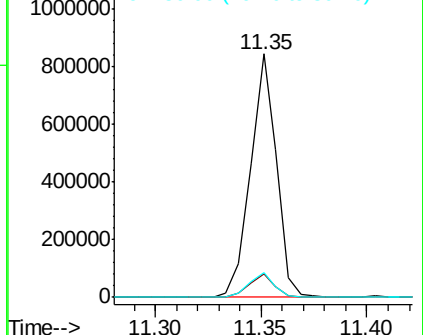
80 9.9 6.6 10.0



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



#76

Chrysene-d12

Concen: 20.000 ng

RT: 13.99 min Scan# 2023

Delta R.T. -0.02 min

Lab File: BF120859.D

Acq: 14 Jul 2020 14:17

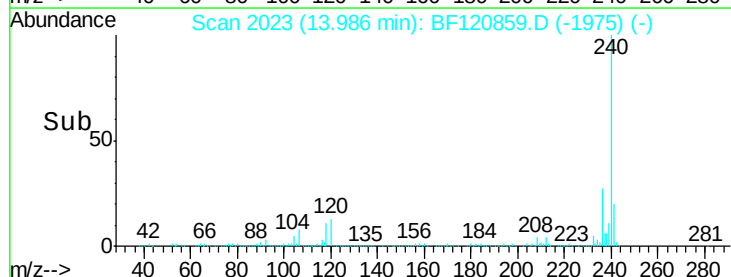
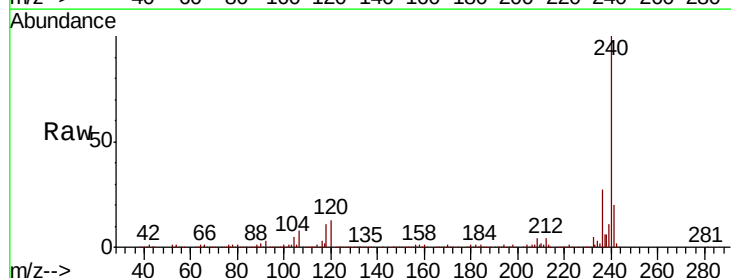
Tgt Ion:240 Resp: 619937

Ion Ratio Lower Upper

240 100

120 13.0 10.3 15.5

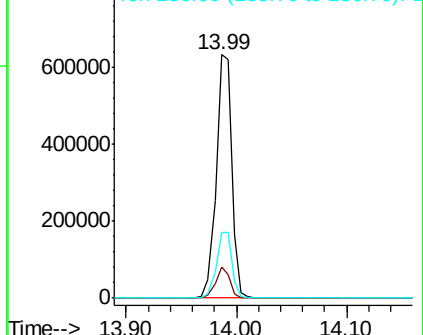
236 26.8 21.4 32.2

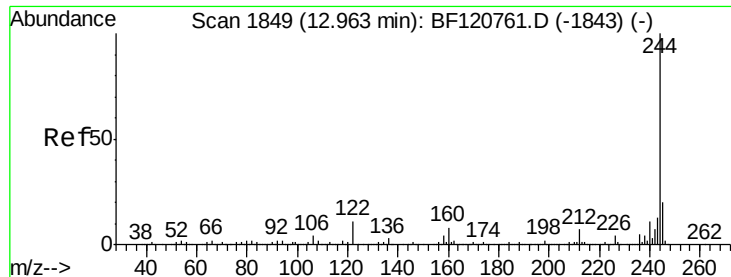


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E

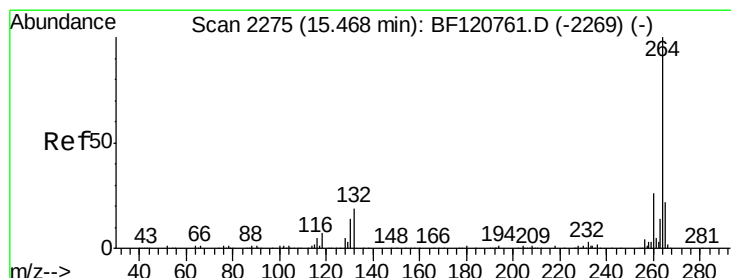
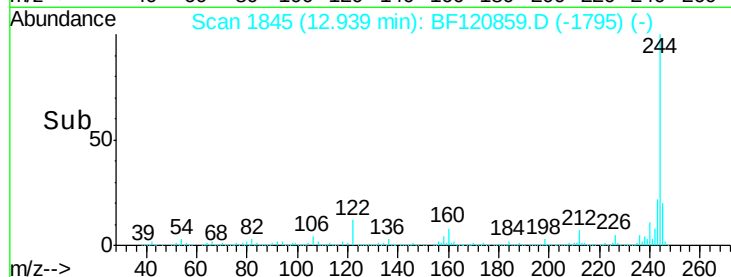
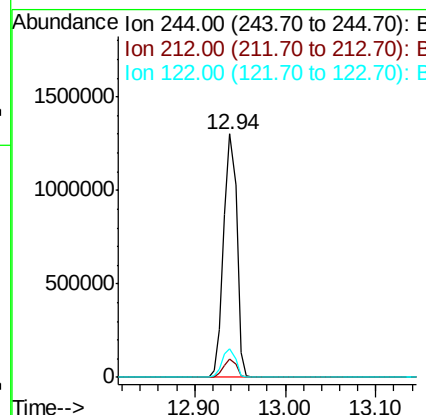
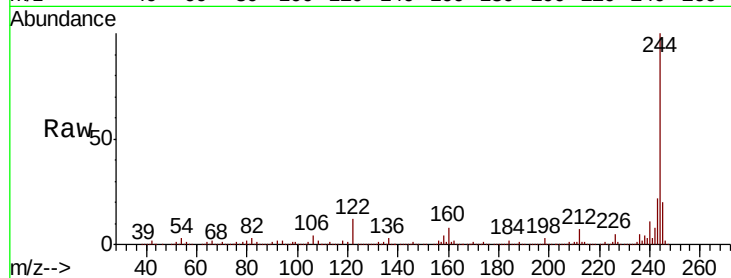




#79
 Terphenyl-d14
 Concen: 40.774 ng
 RT: 12.94 min Scan# 1845
 Delta R.T. -0.01 min
 Lab File: BF120859.D
 Acq: 14 Jul 2020 14:17

Instrument :
 BNA_F
 ClientSampleId :
 SLAB-COMP

Tot Ion:244 Resp: 1291045
 Ion Ratio Lower Upper
 244 100
 212 7.3 5.6 8.4
 122 11.8 9.0 13.4



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.44 min Scan# 2271
 Delta R.T. -0.01 min
 Lab File: BF120859.D
 Acq: 14 Jul 2020 14:17

Tgt Ion:264 Resp: 613319
 Ion Ratio Lower Upper
 264 100
 260 24.7 20.6 30.8
 265 21.7 17.6 26.4

