

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF071420\
 Data File : BF120858.D
 Acq On : 14 Jul 2020 13:47
 Operator : JU/CG
 Sample : L3282-03
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 INSIDE-GATE-OLDEN-AVE

Quant Time: Jul 14 15:07:07 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

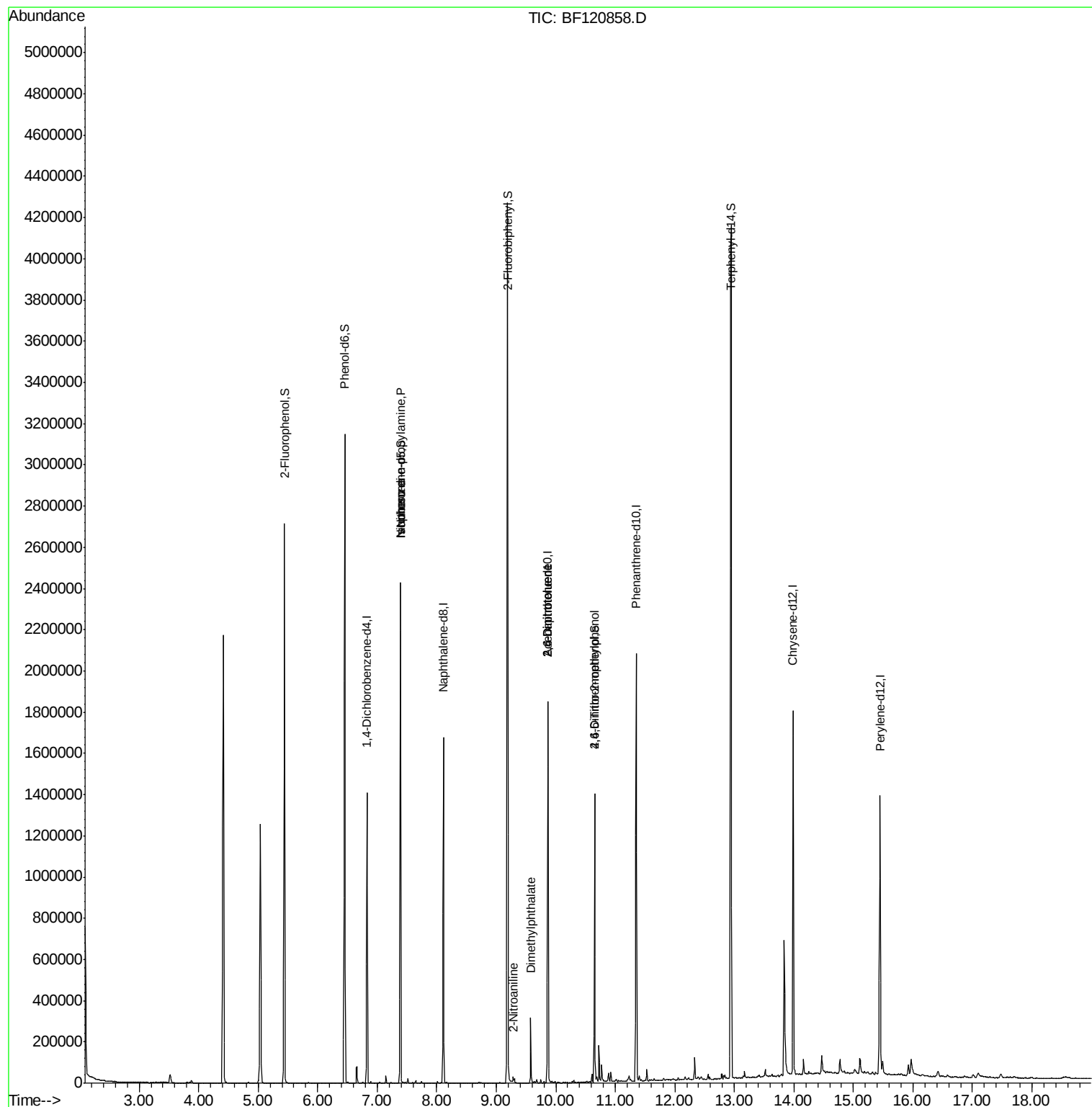
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.83	152	191361	20.00	ng	0.00
21) Naphthalene-d8	8.11	136	725157	20.00	ng	0.00
39) Acenaphthene-d10	9.87	164	375631	20.00	ng	0.00
64) Phenanthrene-d10	11.35	188	705518	20.00	ng	0.00
76) Chrysene-d12	13.99	240	616262	20.00	ng	-0.02
86) Perylene-d12	15.44	264	608022	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.45	112	850843	68.63	ng	0.00
7) Phenol-d6	6.46	99	1258889	79.52	ng	0.00
23) Nitrobenzene-d5	7.39	82	819065	65.44	ng	0.00
42) 2,4,6-Tribromophenol	10.65	330	148133	39.25	ng	-0.01
45) 2-Fluorobiphenyl	9.19	172	1456583	58.67	ng	0.00
79) Terphenyl-d14	12.94	244	1467273	46.62	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propylamine	7.39	70	109036	11.439	ng	# 74
25) Isophorone	7.39	82	816220	30.239	ng	# 64
48) 2-Nitroaniline	9.29	65	157	2.640	ng	# 5
50) Dimethylphthalate	9.58	163	114616	4.183	ng	99
51) 2,6-Dinitrotoluene	9.87	165	48100	10.691	ng	# 17
57) 2,4-Dinitrotoluene	9.87	165	48100	9.711	ng	# 15
65) 4,6-Dinitro-2-methylphenol	10.65	198	290	7.091	ng	# 1

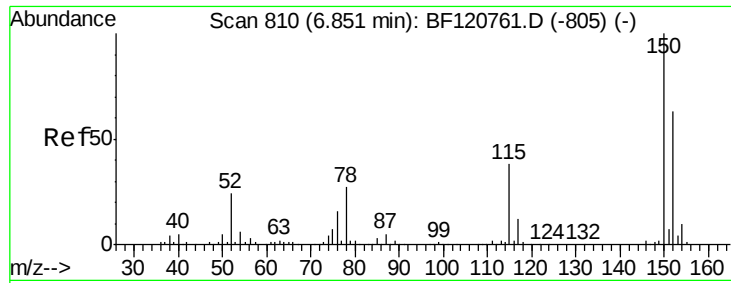
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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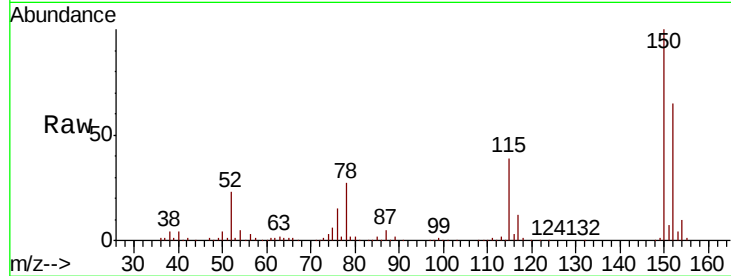


#1

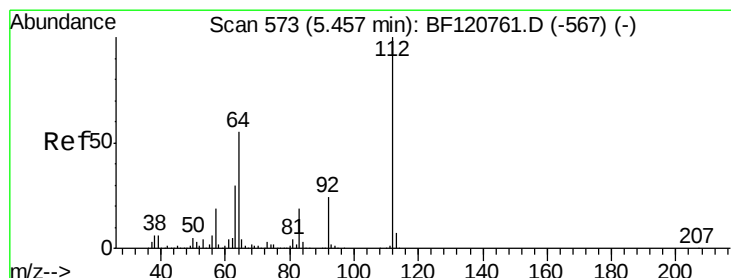
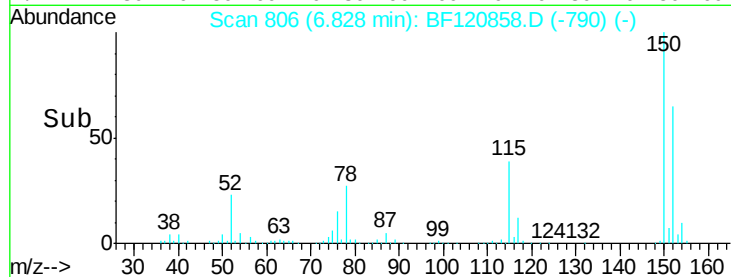
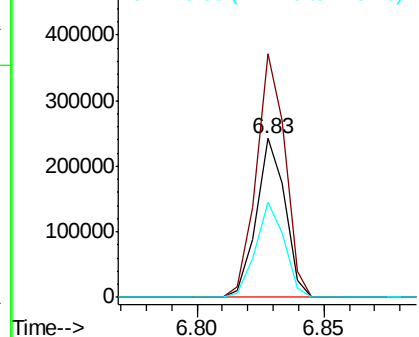
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.83 min Scan# 806
Delta R.T. -0.01 min
Lab File: BF120858.D
Acq: 14 Jul 2020 13:47

Instrument :
BNA_F
ClientSampleId :
INSIDE-GATE-OLDEN-AVE

Tot Ion	Ratio	Lower	Upper
152	100		
150	153.1	126.1	189.1
115	59.6	48.5	72.7



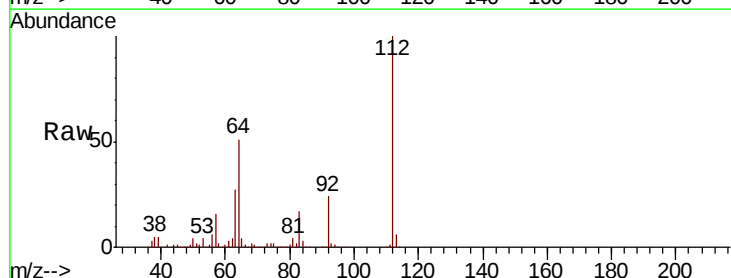
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



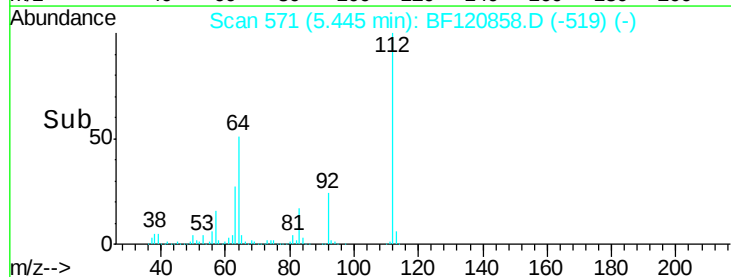
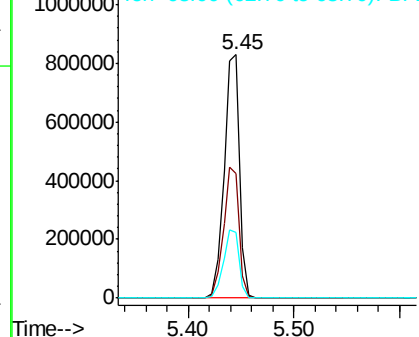
#5

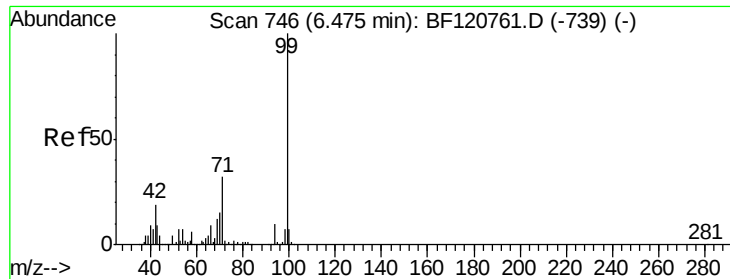
2-Fluorophenol
Concen: 68.635 ng
RT: 5.45 min Scan# 571
Delta R.T. 0.01 min
Lab File: BF120858.D
Acq: 14 Jul 2020 13:47

Tgt Ion	Ratio	Lower	Upper
112	100		
64	51.1	43.8	65.6
63	26.9	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: 79.520 ng

RT: 6.46 min Scan# 743

Delta R.T. -0.01 min

Lab File: BF120858.D

Acq: 14 Jul 2020 13:47

Instrument :

BNA_F

ClientSampleId :

INSIDE-GATE-OLDEN-AVE

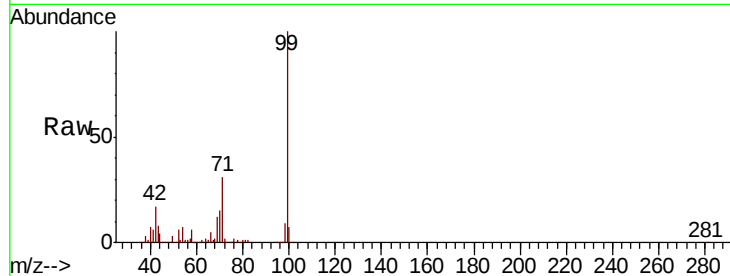
Tot Ion: 99 Resp: 1258889

Ion Ratio Lower Upper

99 100

42 16.6 15.4 23.0

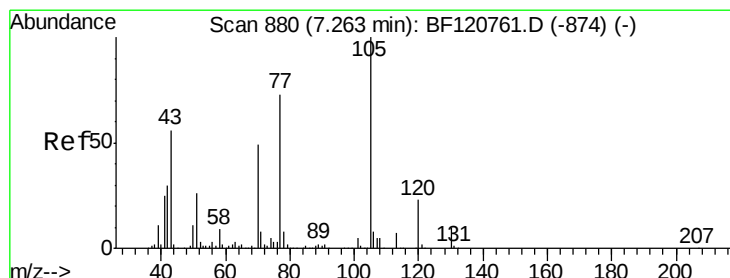
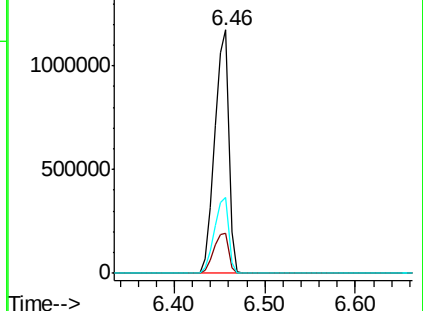
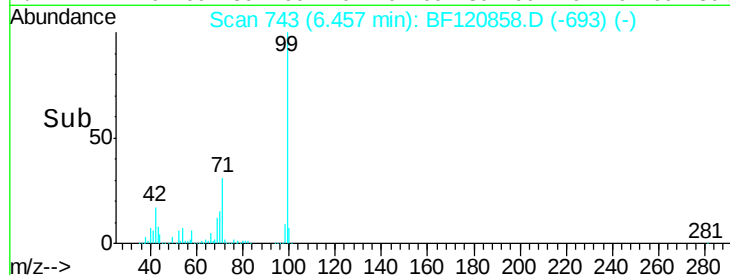
71 31.1 25.9 38.9



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: 11.439 ng

RT: 7.39 min Scan# 902

Delta R.T. 0.14 min

Lab File: BF120858.D

Acq: 14 Jul 2020 13:47

Tgt Ion: 70 Resp: 109036

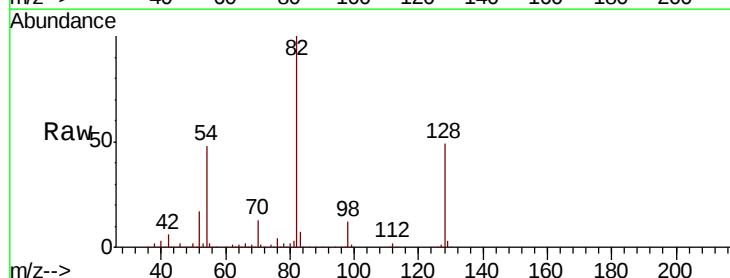
Ion Ratio Lower Upper

70 100

42 46.3 50.3 75.5#

101 0.0 7.5 11.3#

130 2.4 16.1 24.1#

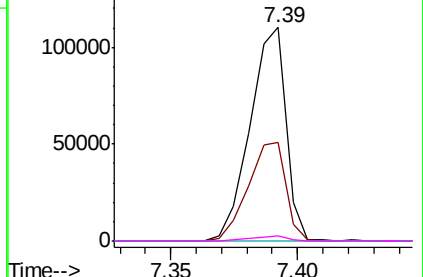
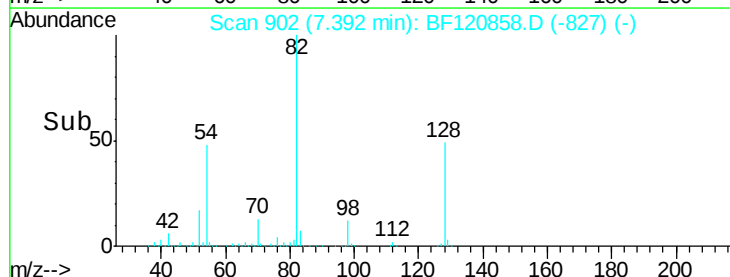


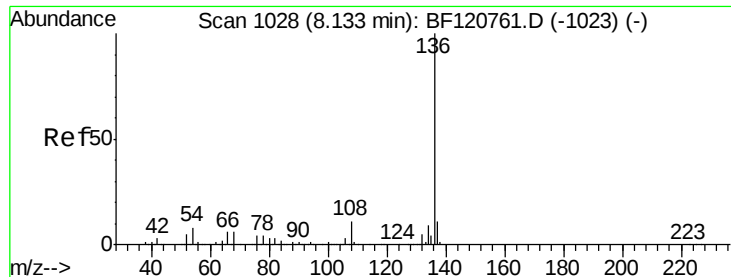
Abundance Ion 70.00 (69.70 to 70.70): BF1

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: BF120858.D

Acq: 14 Jul 2020 13:47

Instrument :

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ClientSampleId :

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Tot Ion:136 Resp: 725157

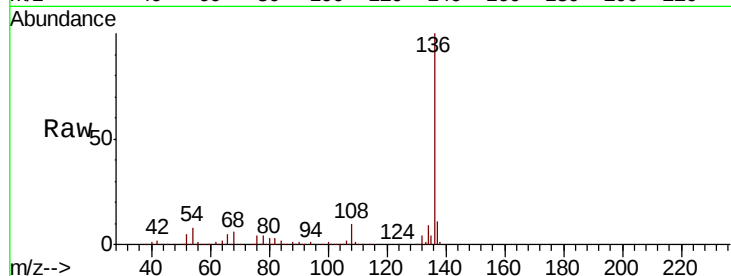
Ion Ratio Lower Upper

136 100

137 11.4 9.0 13.6

54 7.8 6.2 9.4

68 5.9 4.7 7.1

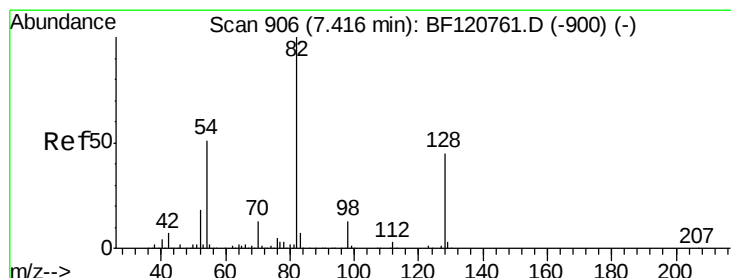
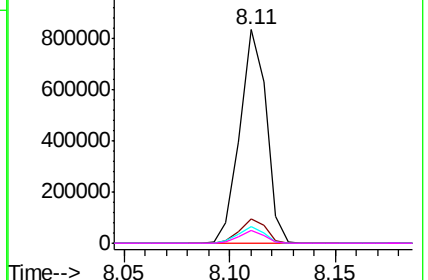
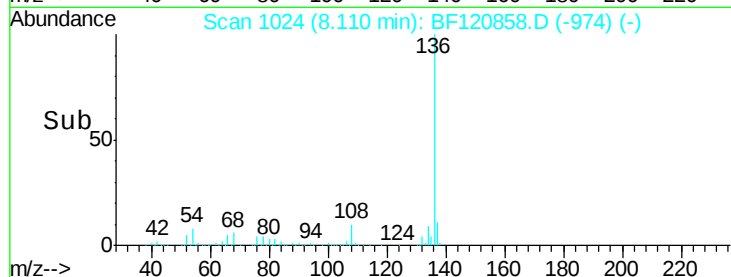


Abundance Ion 136.00 (135.70 to 136.70): E

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: 65.441 ng

RT: 7.39 min Scan# 902

Delta R.T. -0.01 min

Lab File: BF120858.D

Acq: 14 Jul 2020 13:47

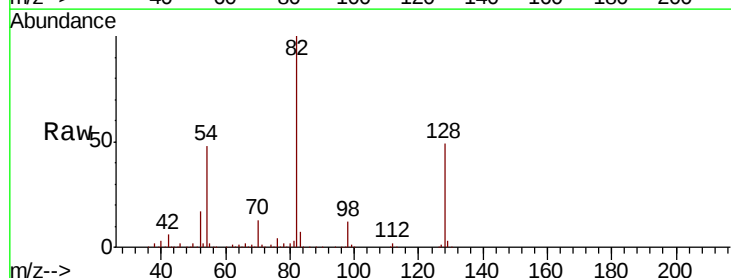
Tgt Ion: 82 Resp: 819065

Ion Ratio Lower Upper

82 100

128 49.2 35.7 53.5

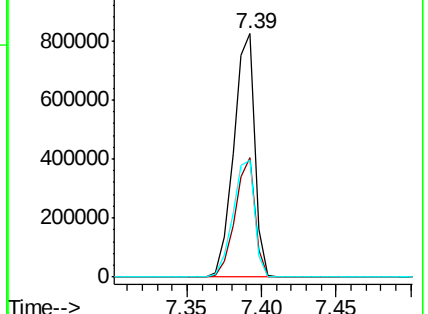
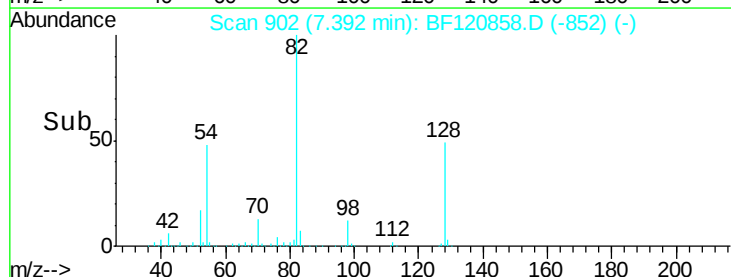
54 47.8 40.9 61.3

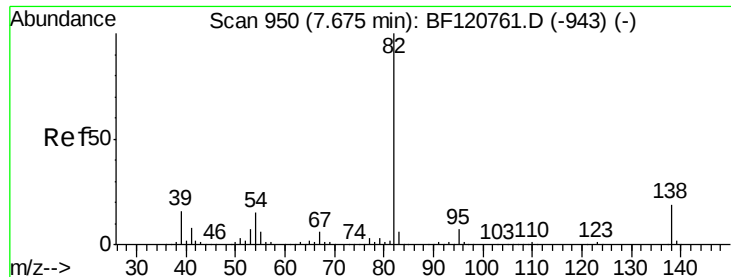


Abundance Ion 82.00 (81.70 to 82.70): BF1

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BF1





#25

Isophorone

Concen: 30.239 ng

RT: 7.39 min Scan# 902

Delta R.T. -0.26 min

Lab File: BF120858.D

Acq: 14 Jul 2020 13:47

Instrument :

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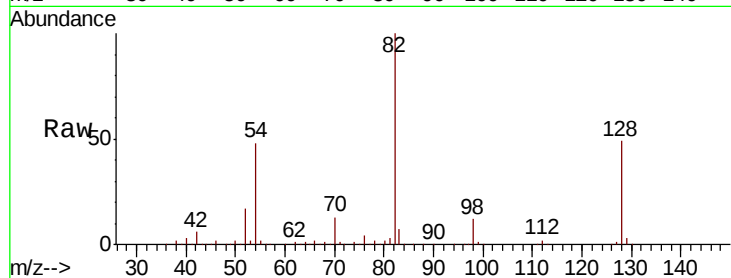
Tot Ion: 82 Resp: 816220

Ion Ratio Lower Upper

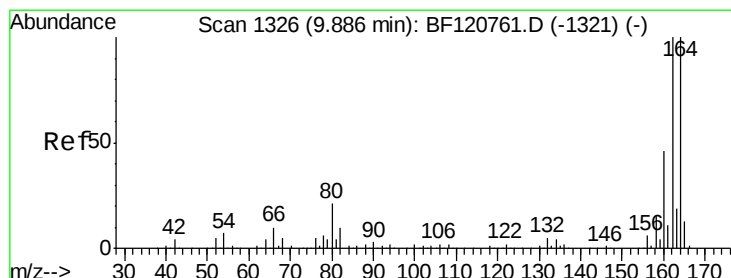
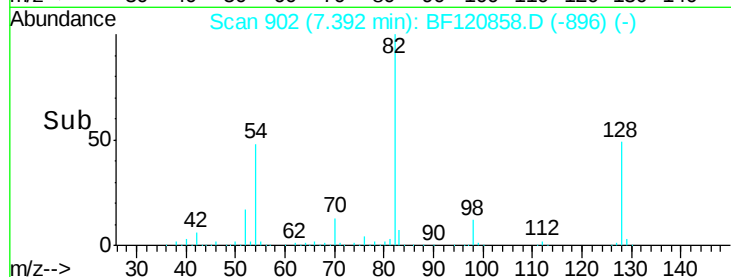
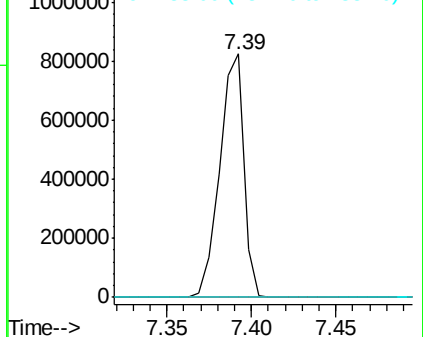
82 100

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: BF120858.D

Acq: 14 Jul 2020 13:47

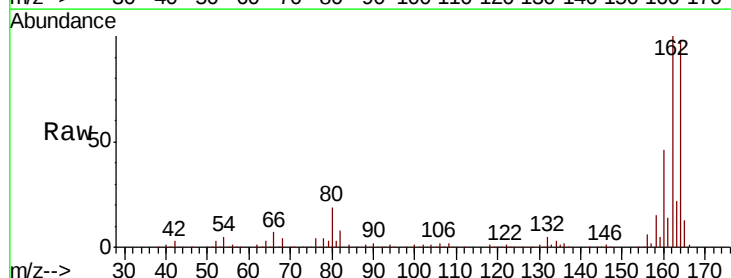
Tgt Ion: 164 Resp: 375631

Ion Ratio Lower Upper

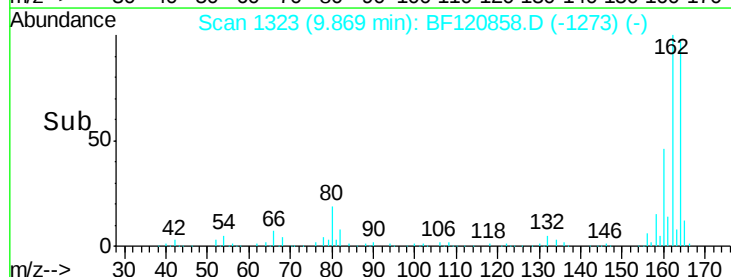
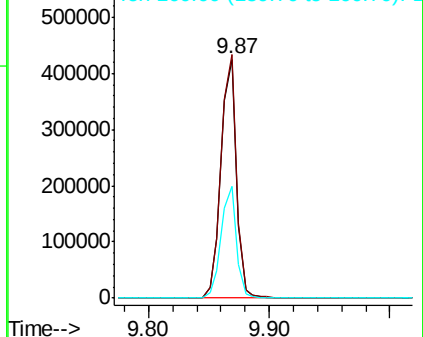
164 100

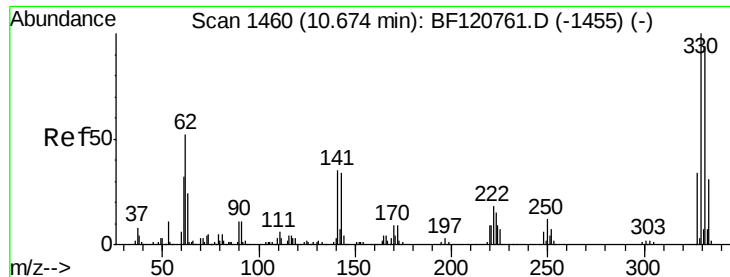
162 101.9 80.2 120.2

160 46.7 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: 39.253 ng

RT: 10.65 min Scan# 1456

Delta R.T. -0.01 min

Lab File: BF120858.D

Acq: 14 Jul 2020 13:47

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INSIDE-GATE-OLDEN-AVE

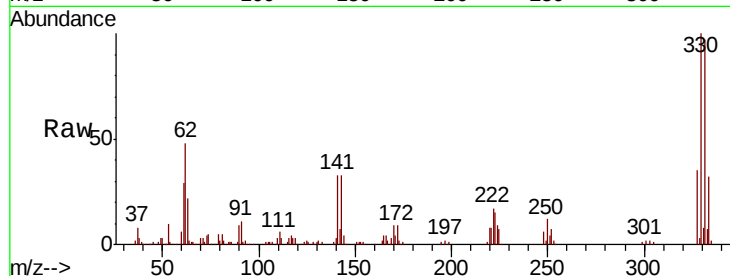
Tot Ion:330 Resp: 148133

Ion Ratio Lower Upper

330 100

332 97.4 75.8 113.6

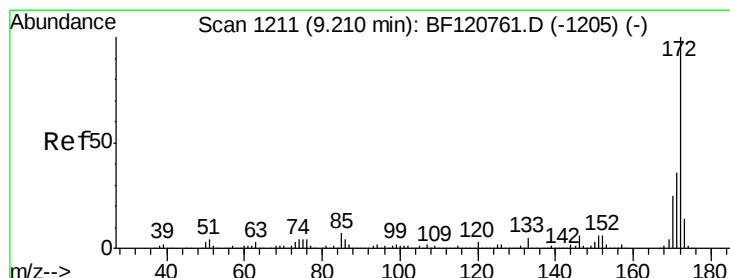
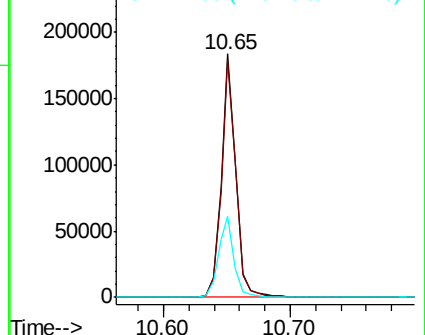
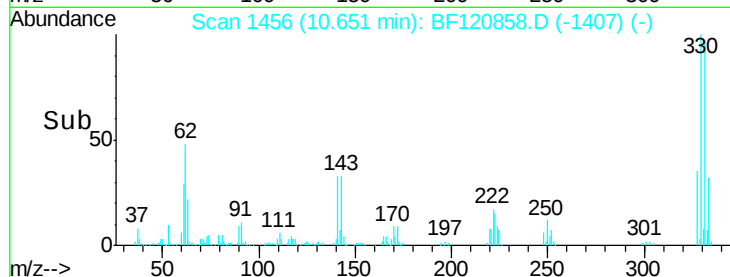
141 35.8 29.7 44.5



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



#45

2-Fluorobiphenyl

Concen: 58.667 ng

RT: 9.19 min Scan# 1208

Delta R.T. -0.01 min

Lab File: BF120858.D

Acq: 14 Jul 2020 13:47

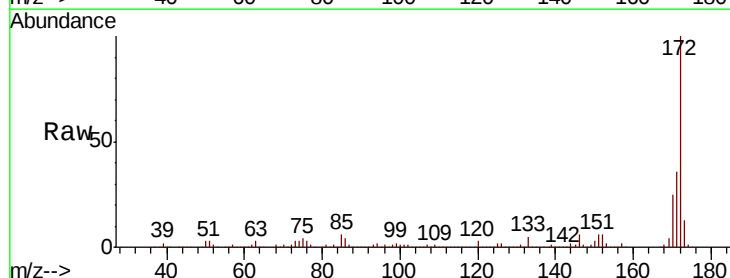
Tgt Ion:172 Resp: 1456583

Ion Ratio Lower Upper

172 100

171 36.2 29.1 43.7

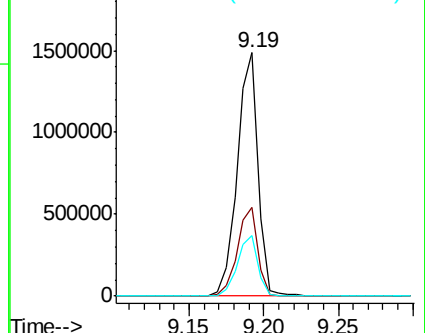
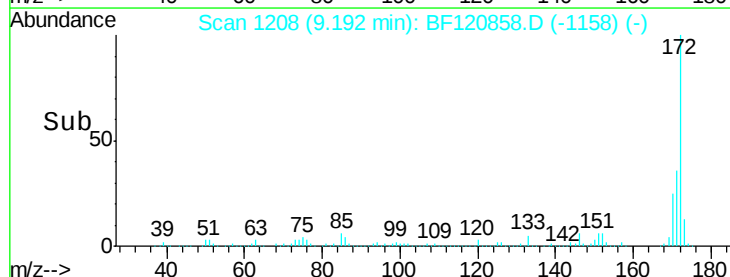
170 24.6 19.8 29.6

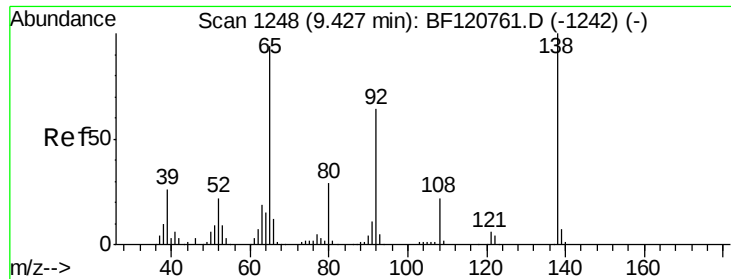


Abundance Ion 172.00 (171.70 to 172.70): E

Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E

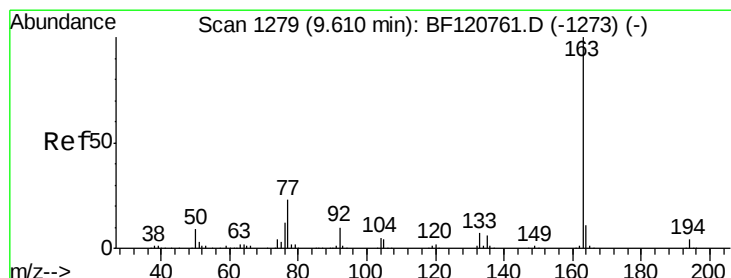
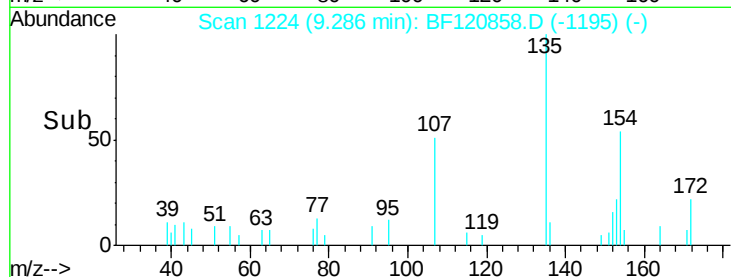
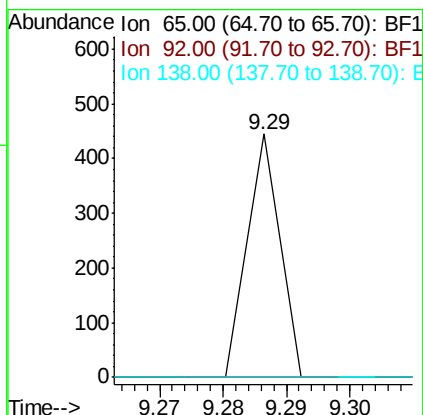
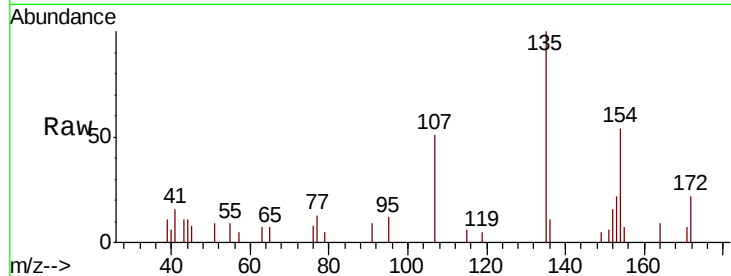




#48
2-Nitroaniline
Concen: 2.640 ng
RT: 9.29 min Scan# 1224
Delta R.T. -0.13 min
Lab File: BF120858.D
Acq: 14 Jul 2020 13:47

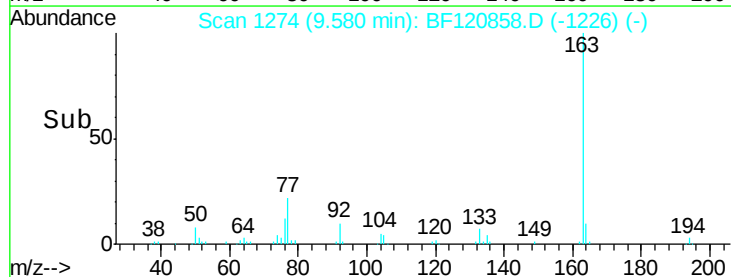
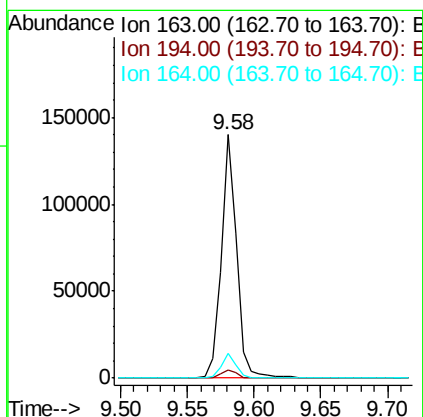
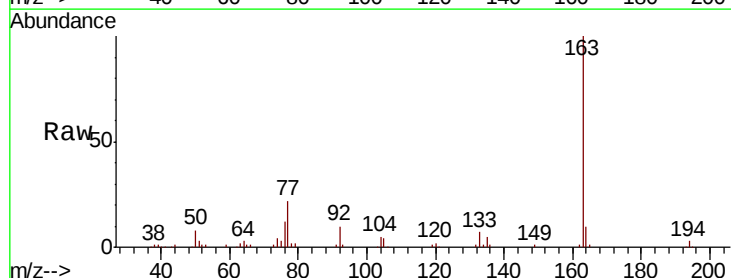
Instrument :
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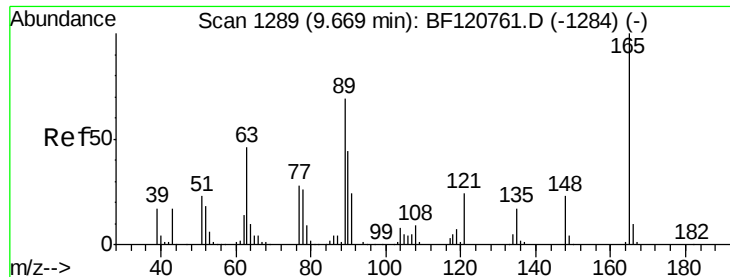
Tot Ion: 65 Resp: 157
Ion Ratio Lower Upper
65 100
92 0.0 54.4 81.6#
138 0.0 84.7 127.1#



#50
Dimethylphthalate
Concen: 4.183 ng
RT: 9.58 min Scan# 1274
Delta R.T. -0.02 min
Lab File: BF120858.D
Acq: 14 Jul 2020 13:47

Tgt Ion: 163 Resp: 114616
Ion Ratio Lower Upper
163 100
194 3.3 2.9 4.3
164 10.2 8.5 12.7

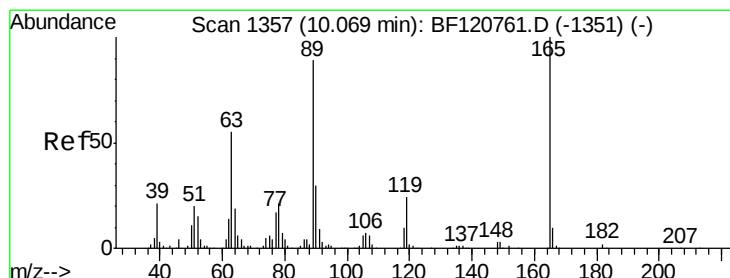
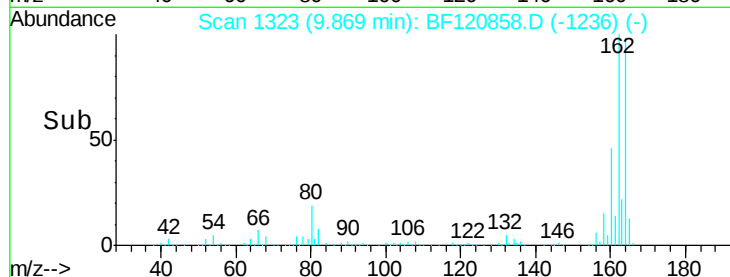
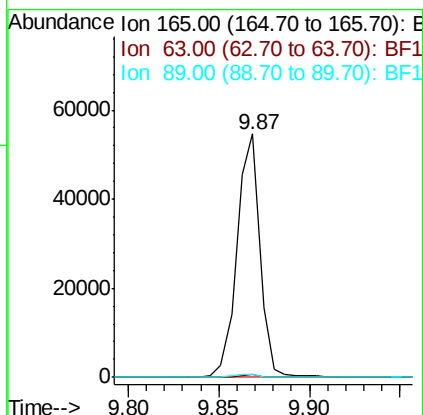
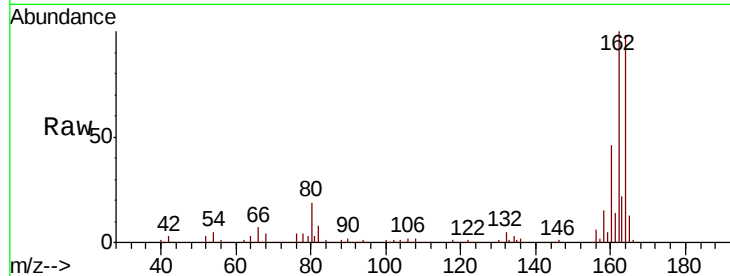




#51
 2,6-Dinitrotoluene
 Concen: 10.691 ng
 RT: 9.87 min Scan# 1323
 Delta R.T. 0.21 min
 Lab File: BF120858.D
 Acq: 14 Jul 2020 13:47

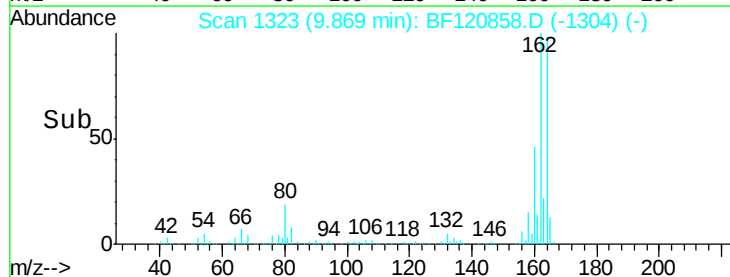
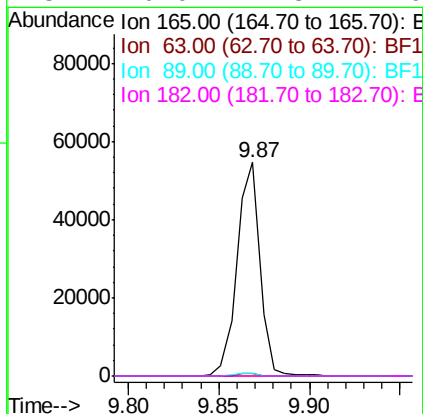
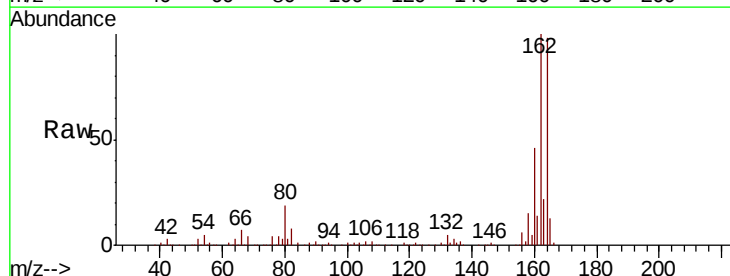
Instrument :
 BNA_F
 ClientSampleId :
 INSIDE-GATE-OLDEN-AVE

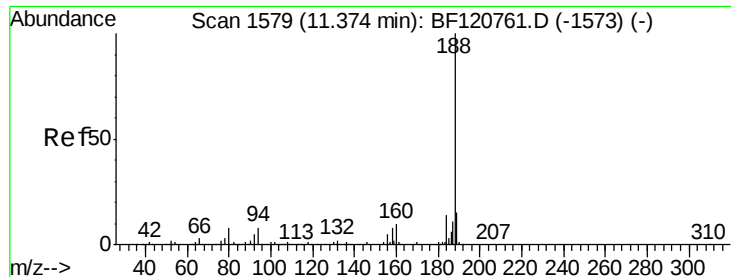
Tot Ion	Ratio	Lower	Upper
165	100		
63	1.2	54.0	81.0#
89	1.2	55.4	83.2#



#57
 2,4-Dinitrotoluene
 Concen: 9.711 ng
 RT: 9.87 min Scan# 1323
 Delta R.T. -0.19 min
 Lab File: BF120858.D
 Acq: 14 Jul 2020 13:47

Tgt Ion	Ratio	Lower	Upper
165	100		
63	1.2	43.8	65.8#
89	1.2	71.4	107.2#
182	0.0	1.8	2.6#

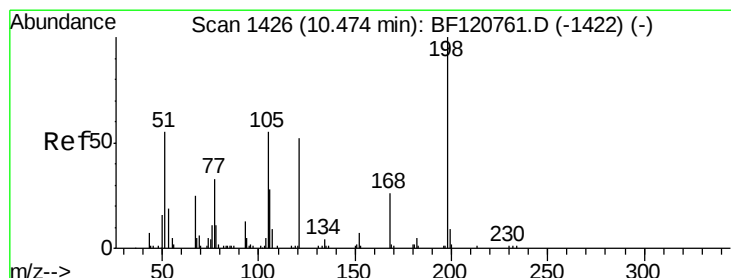
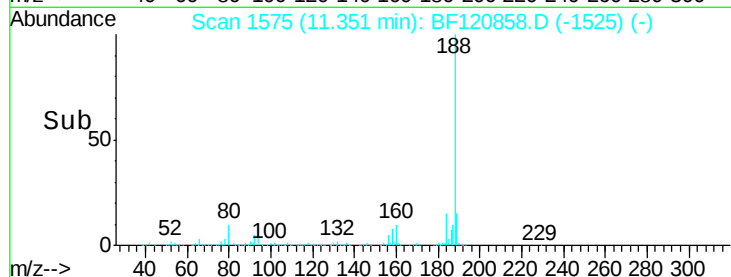
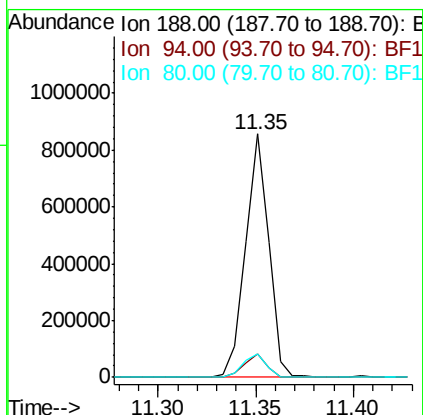
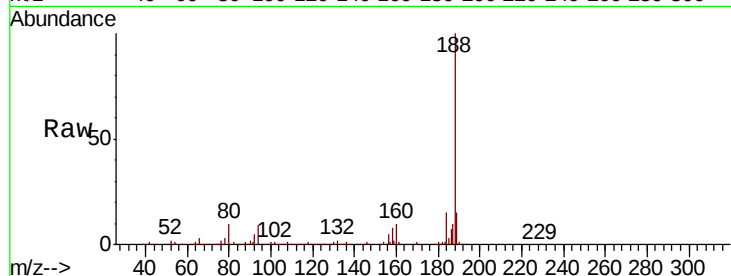




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.35 min Scan# 1575
Delta R.T. -0.01 min
Lab File: BF120858.D
Acq: 14 Jul 2020 13:47

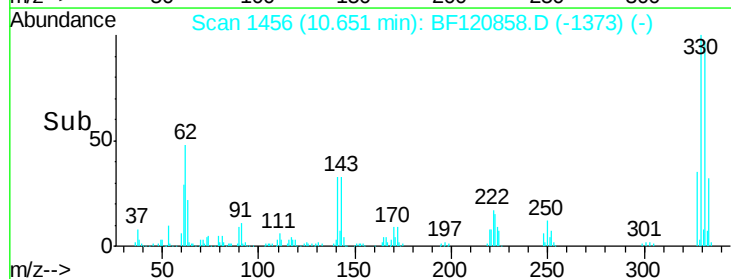
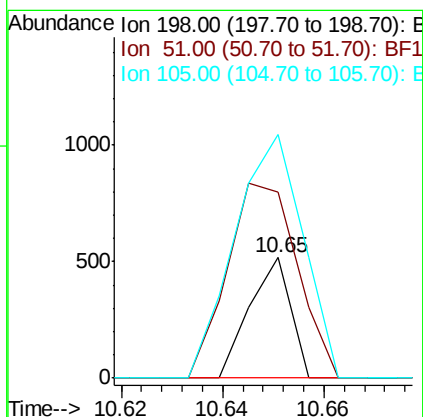
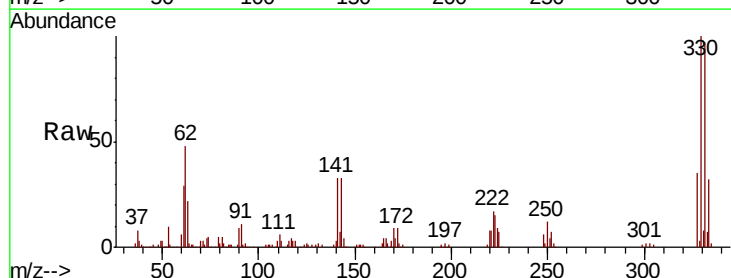
Instrument :
BNA_F
ClientSampleId :
INSIDE-GATE-OLDEN-AVE

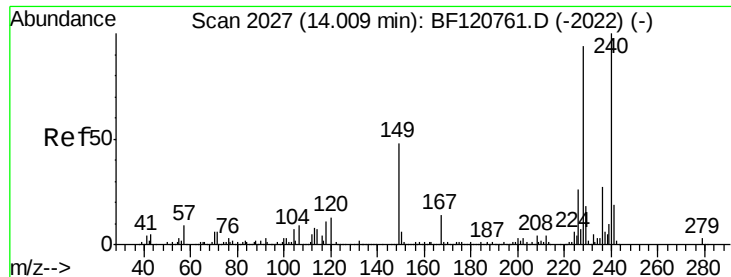
Tot Ion:188 Resp: 705518
Ion Ratio Lower Upper
188 100
94 9.5 6.6 9.8
80 9.7 6.6 10.0



#65
4,6-Dinitro-2-methylphenol
Concen: 7.091 ng
RT: 10.65 min Scan# 1456
Delta R.T. 0.19 min
Lab File: BF120858.D
Acq: 14 Jul 2020 13:47

Tgt Ion:198 Resp: 290
Ion Ratio Lower Upper
198 100
51 154.6 50.0 90.0#
105 201.9 38.3 78.3#

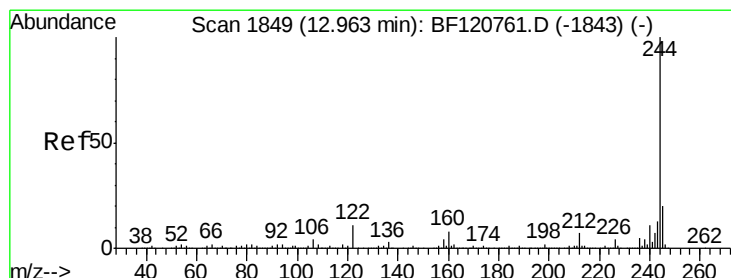
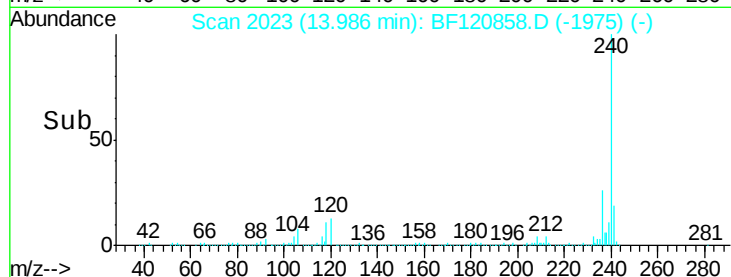
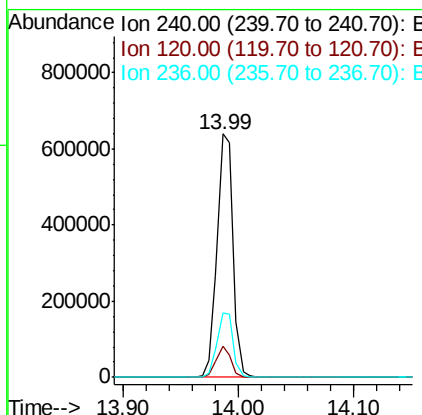
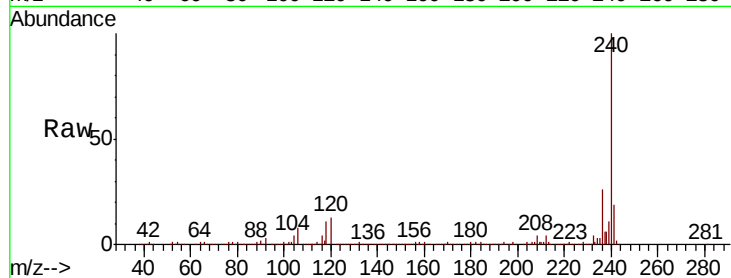




#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.99 min Scan# 2023
Delta R.T. -0.02 min
Lab File: BF120858.D
Acq: 14 Jul 2020 13:47

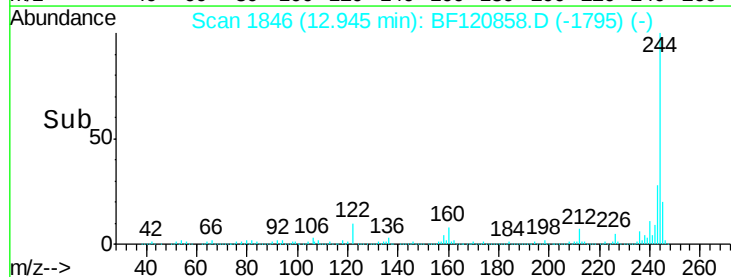
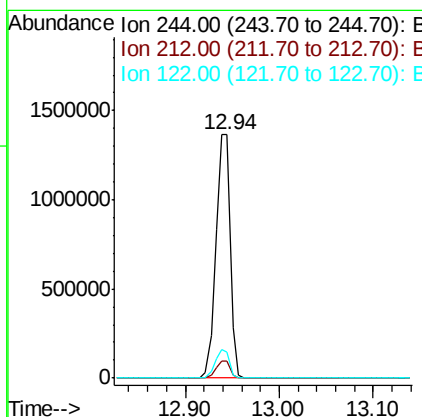
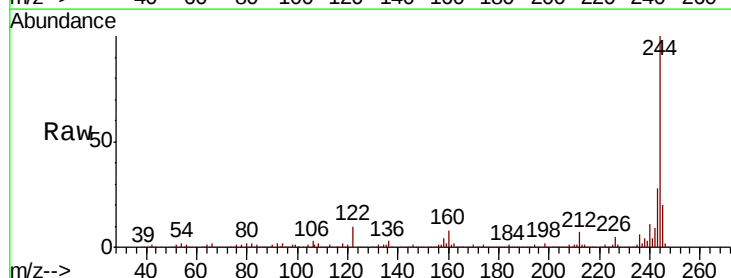
Instrument :
BNA_F
ClientSampleId :
INSIDE-GATE-OLDEN-AVE

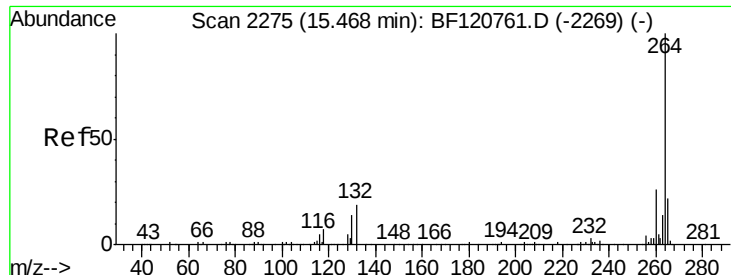
Tot Ion:240 Resp: 616262
Ion Ratio Lower Upper
240 100
120 12.8 10.3 15.5
236 26.4 21.4 32.2



#79
Terphenyl-d14
Concen: 46.616 ng
RT: 12.94 min Scan# 1846
Delta R.T. -0.00 min
Lab File: BF120858.D
Acq: 14 Jul 2020 13:47

Tgt Ion:244 Resp: 1467273
Ion Ratio Lower Upper
244 100
212 7.3 5.6 8.4
122 10.4 9.0 13.4

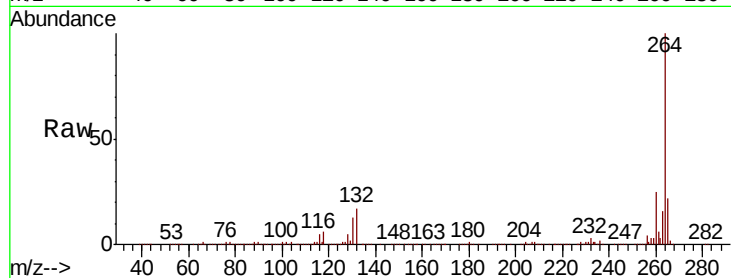




#86
 Pervlene-d12
 Concen: 20.000 ng
 RT: 15.44 min Scan# 2271
 Delta R.T. -0.01 min
 Lab File: BF120858.D
 Acq: 14 Jul 2020 13:47

Instrument :
 BNA_F
 ClientSampleId :
 INSIDE-GATE-OLDEN-AVE

Tot Ion	Ratio	Lower	Upper
264	100		
260	24.9	20.6	30.8
265	21.7	17.6	26.4



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

