

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF071420\
 Data File : BF120857.D
 Acq On : 14 Jul 2020 13:17
 Operator : JU/CG
 Sample : L3283-12
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 FOUND-COMP

Quant Time: Jul 14 13:42:58 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

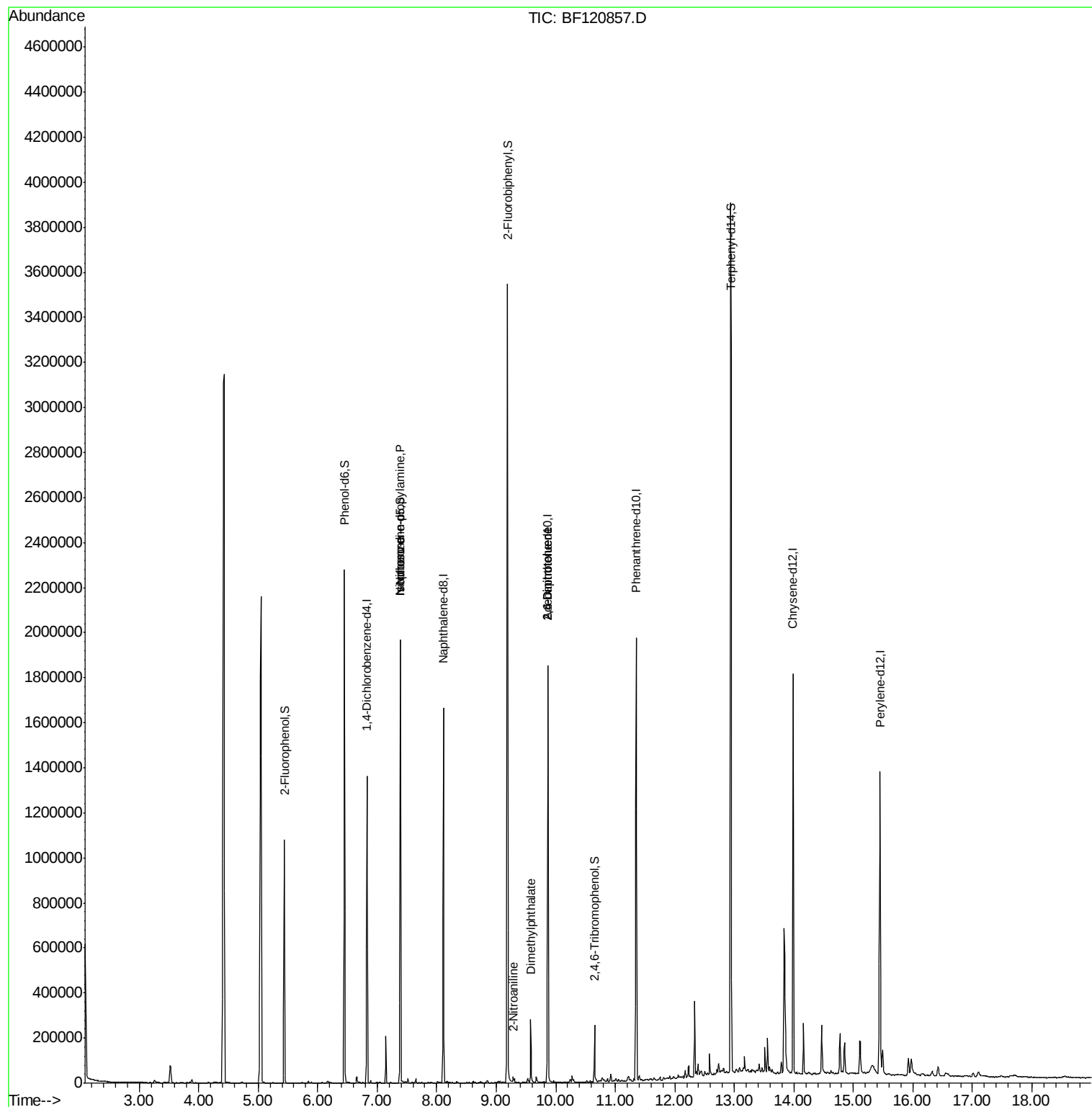
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.83	152	184321	20.00	ng	0.00
21) Naphthalene-d8	8.11	136	708177	20.00	ng	0.00
39) Acenaphthene-d10	9.87	164	366279	20.00	ng	0.00
64) Phenanthrene-d10	11.35	188	706609	20.00	ng	0.00
76) Chrysene-d12	13.99	240	606210	20.00	ng	-0.02
86) Perylene-d12	15.44	264	610227	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.44	112	288188	24.14	ng	0.00
7) Phenol-d6	6.45	99	735206	48.21	ng	-0.01
23) Nitrobenzene-d5	7.39	82	684460	56.00	ng	-0.01
42) 2,4,6-Tribromophenol	10.65	330	27618	7.51	ng	-0.01
45) 2-Fluorobiphenyl	9.19	172	1243746	51.37	ng	0.00
79) Terphenyl-d14	12.94	244	1291264	41.70	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propylamine	7.39	70	89672	9.767	ng	# 77
25) Isophorone	7.39	82	682394	25.887	ng	# 64
48) 2-Nitroaniline	9.29	65	185	2.644	ng	# 5
50) Dimethylphthalate	9.58	163	105221	3.938	ng	99
51) 2,6-Dinitrotoluene	9.87	165	46940	10.698	ng	# 17
57) 2,4-Dinitrotoluene	9.87	165	46940	9.716	ng	# 15

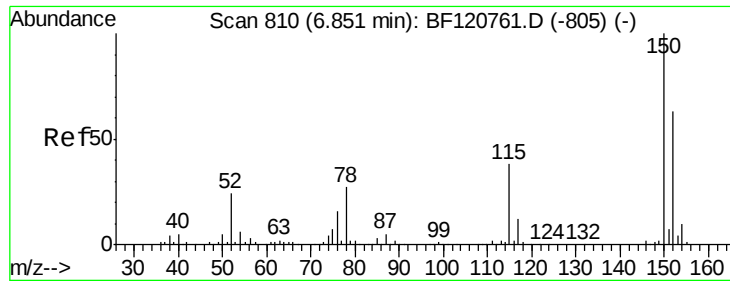
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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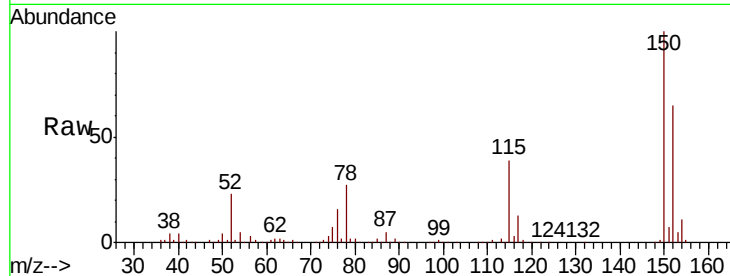


#1

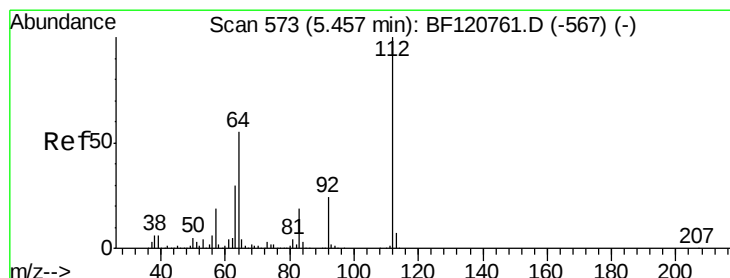
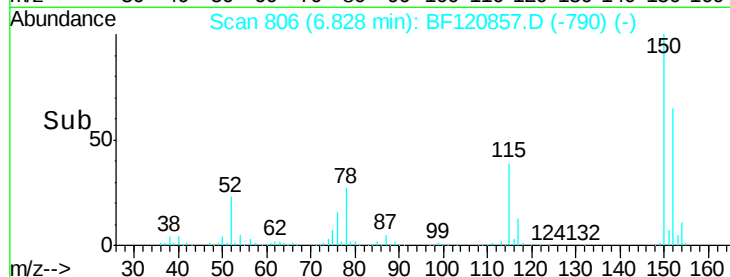
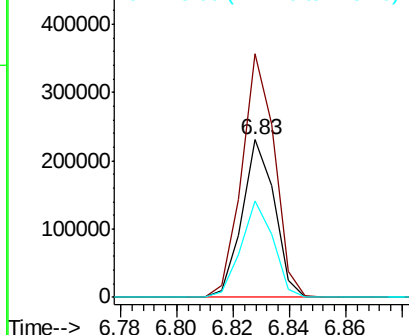
1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.83 min Scan# 806
 Delta R.T. -0.01 min
 Lab File: BF120857.D
 Acq: 14 Jul 2020 13:17

Instrument :
 BNA_F
 ClientSampleId :
 FOUND-COMP

Tot Ion	Ratio	Lower	Upper
152	100		
150	154.3	126.1	189.1
115	60.8	48.5	72.7



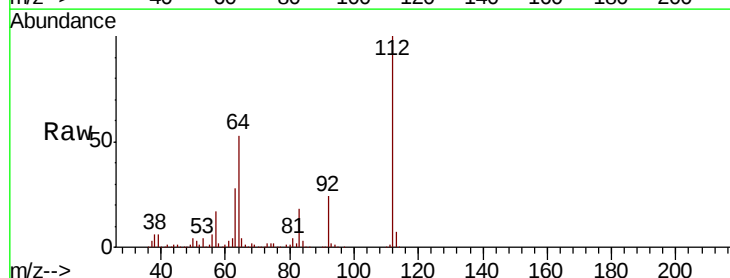
Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E



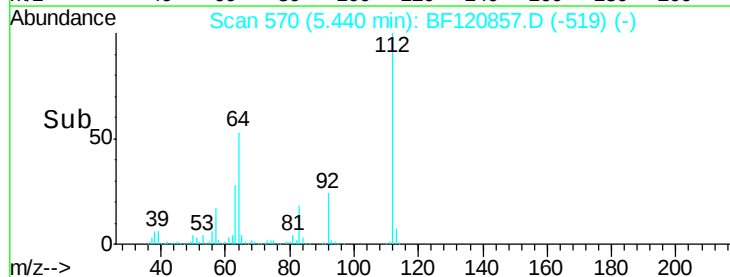
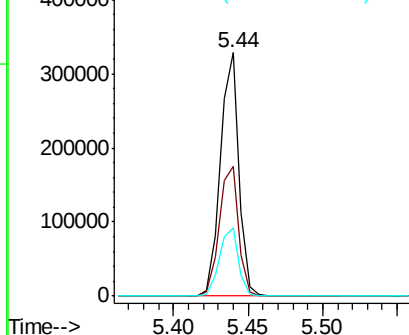
#5

2-Fluorophenol
 Concen: 24.135 ng
 RT: 5.44 min Scan# 570
 Delta R.T. 0.00 min
 Lab File: BF120857.D
 Acq: 14 Jul 2020 13:17

Tgt Ion	Ratio	Lower	Upper
112	100		
64	53.3	43.8	65.6
63	28.0	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: 48.215 ng

RT: 6.45 min Scan# 742

Delta R.T. -0.01 min

Lab File: BF120857.D

Acq: 14 Jul 2020 13:17

Instrument :

BNA_F

ClientSampled :

FOUND-COMP

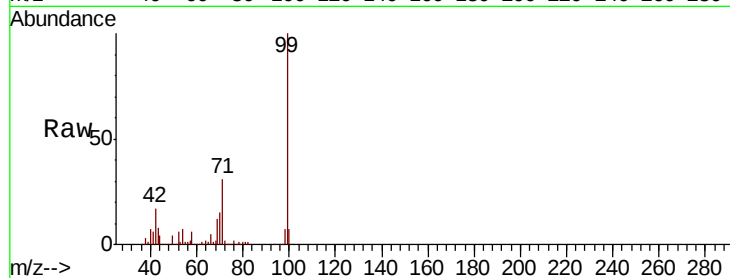
Tot Ion: 99 Resp: 735206

Ion Ratio Lower Upper

99 100

42 17.4 15.4 23.0

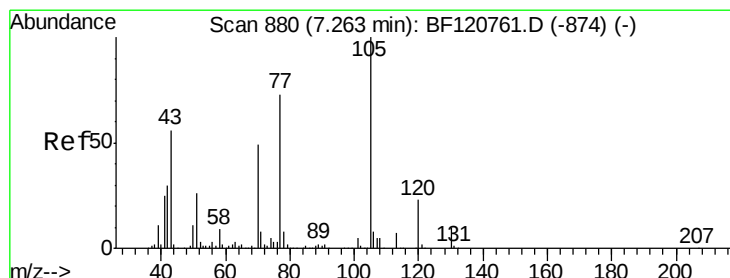
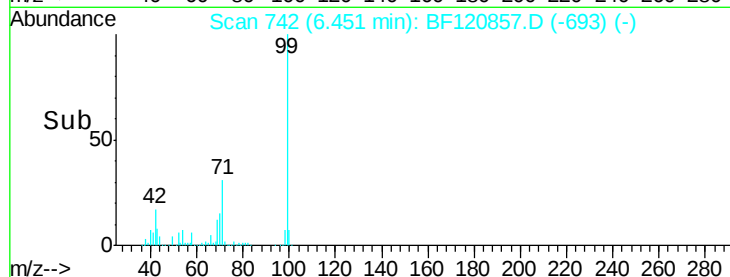
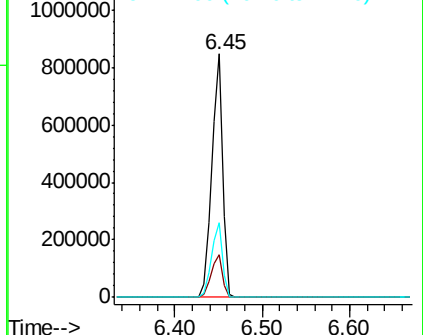
71 30.9 25.9 38.9



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: 9.767 ng

RT: 7.39 min Scan# 901

Delta R.T. 0.14 min

Lab File: BF120857.D

Acq: 14 Jul 2020 13:17

Tgt Ion: 70 Resp: 89672

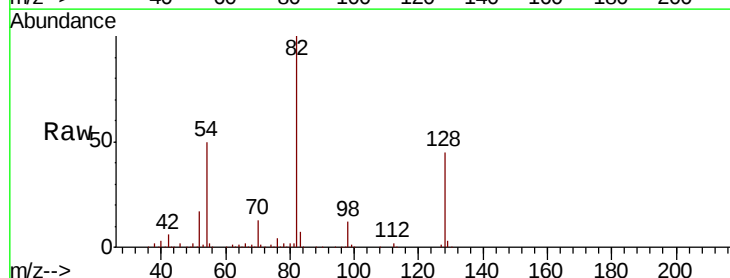
Ion Ratio Lower Upper

70 100

42 49.0 50.3 75.5#

101 0.0 7.5 11.3#

130 2.4 16.1 24.1#

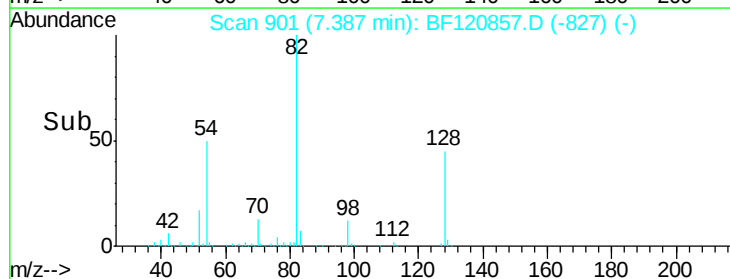
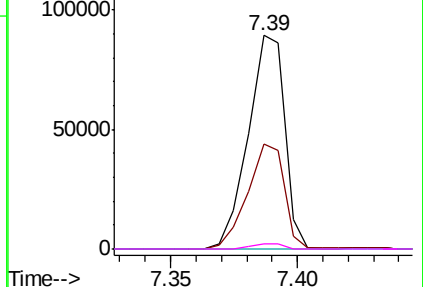


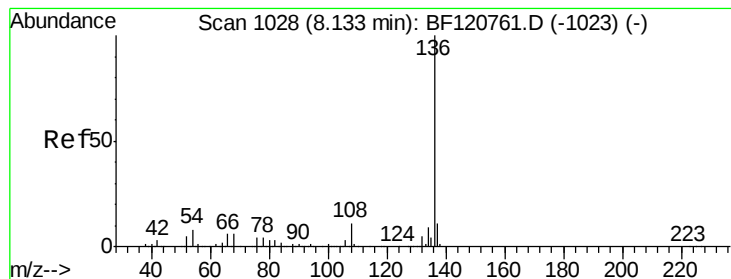
Abundance Ion 70.00 (69.70 to 70.70): BF1

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: BF120857.D

Acq: 14 Jul 2020 13:17

Instrument :

BNA_F

ClientSampleId :

FOUND-COMP

Tot Ion:136 Resp: 708177

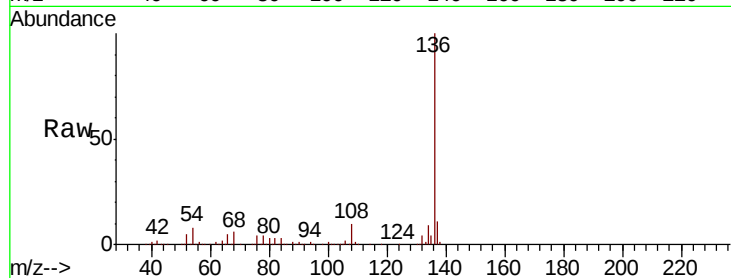
Ion Ratio Lower Upper

136 100

137 10.9 9.0 13.6

54 7.8 6.2 9.4

68 6.0 4.7 7.1

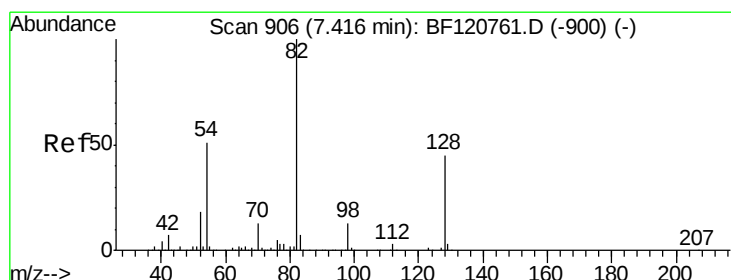
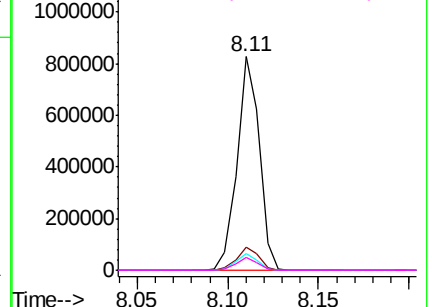
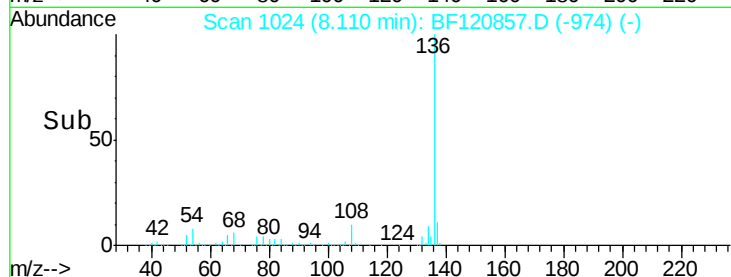


Abundance Ion 136.00 (135.70 to 136.70): E

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: 55.997 ng

RT: 7.39 min Scan# 901

Delta R.T. -0.01 min

Lab File: BF120857.D

Acq: 14 Jul 2020 13:17

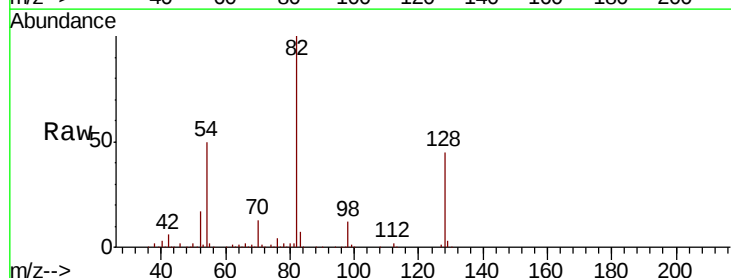
Tgt Ion: 82 Resp: 684460

Ion Ratio Lower Upper

82 100

128 44.7 35.7 53.5

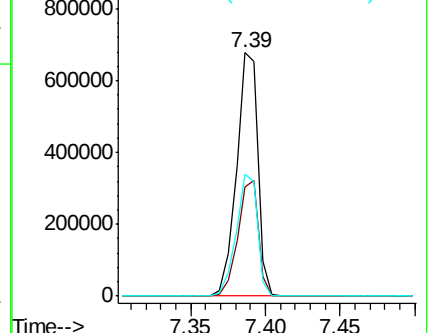
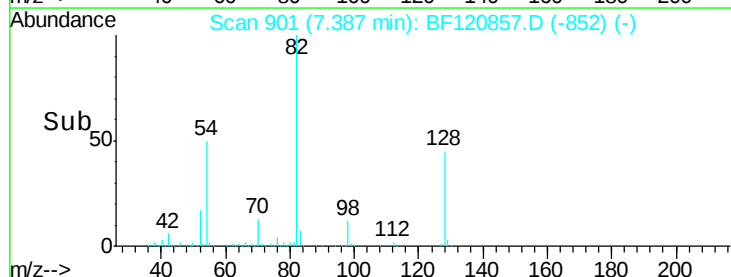
54 49.9 40.9 61.3

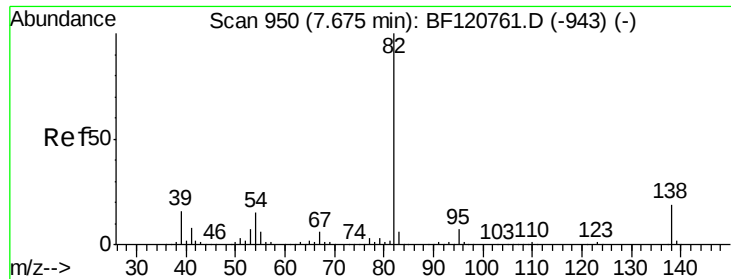


Abundance Ion 82.00 (81.70 to 82.70): BF1

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BF1





#25

Isophorone

Concen: 25.887 ng

RT: 7.39 min Scan# 901

Delta R.T. -0.27 min

Lab File: BF120857.D

Acq: 14 Jul 2020 13:17

Instrument :

BNA_F

ClientSampleId :

FOUND-COMP

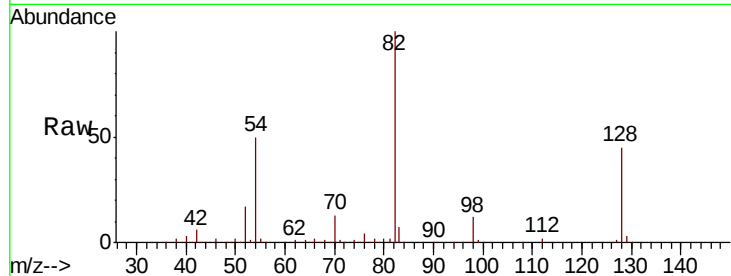
Tot Ion: 82 Resp: 682394

Ion Ratio Lower Upper

82 100

95 0.0 5.4 8.2#

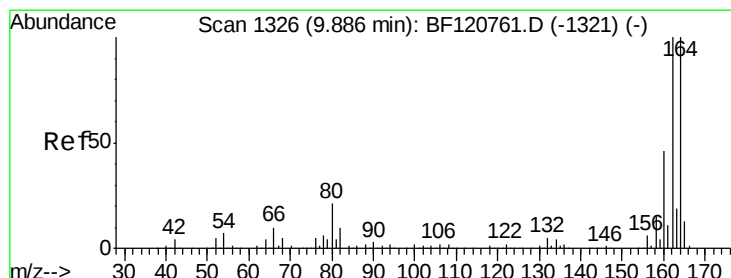
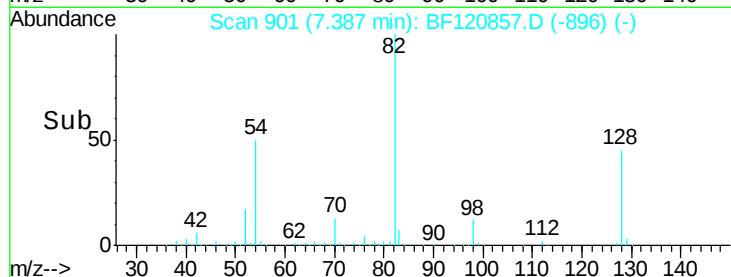
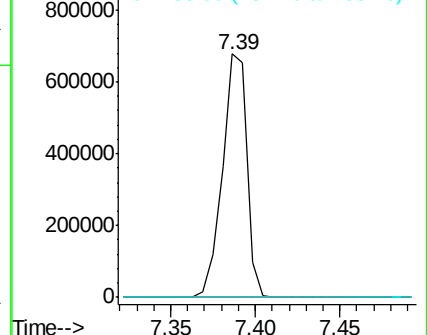
138 0.0 15.0 22.4#



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: BF120857.D

Acq: 14 Jul 2020 13:17

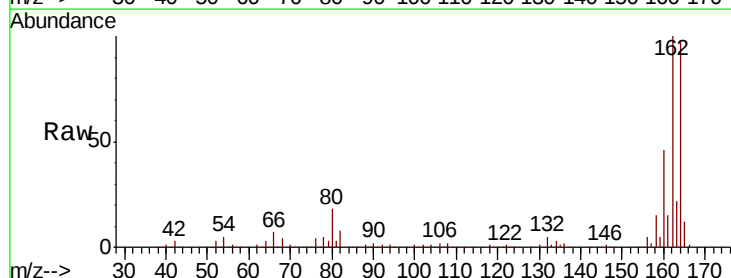
Tgt Ion: 164 Resp: 366279

Ion Ratio Lower Upper

164 100

162 103.2 80.2 120.2

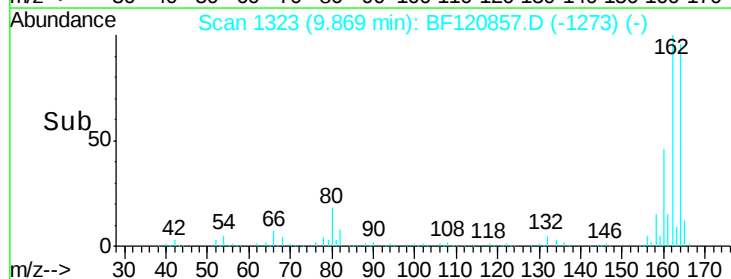
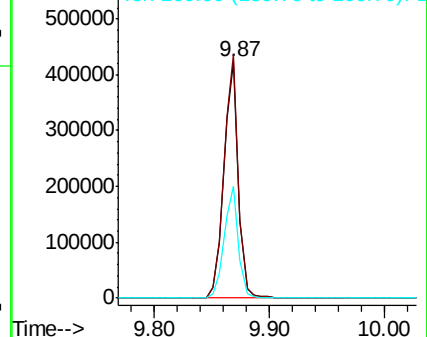
160 47.5 36.9 55.3

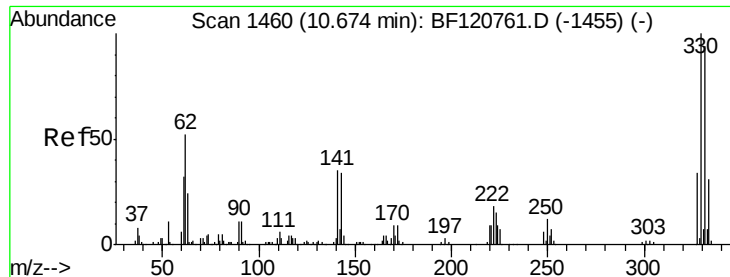


Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E





#42

2,4,6-Tribromophenol

Concen: 7.505 ng

RT: 10.65 min Scan# 1456

Delta R.T. -0.01 min

Lab File: BF120857.D

Acq: 14 Jul 2020 13:17

Instrument :

BNA_F

ClientSampleId :

FOUND-COMP

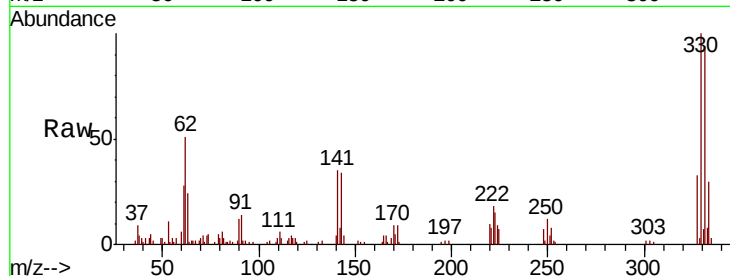
Tot Ion:330 Resp: 27618

Ion Ratio Lower Upper

330 100

332 93.5 75.8 113.6

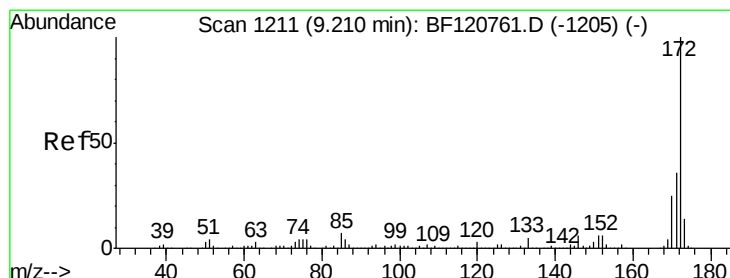
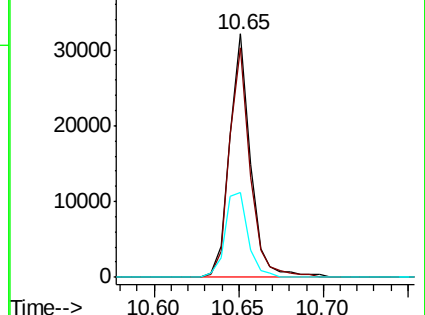
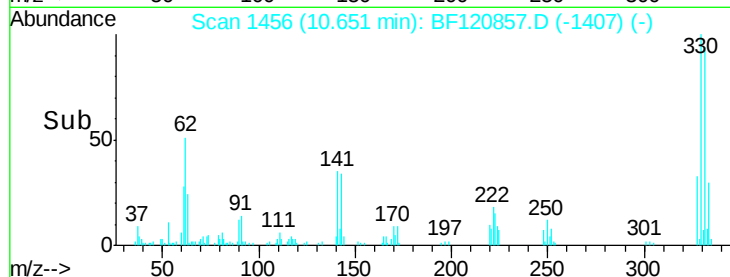
141 38.3 29.7 44.5



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: 51.374 ng

RT: 9.19 min Scan# 1208

Delta R.T. -0.01 min

Lab File: BF120857.D

Acq: 14 Jul 2020 13:17

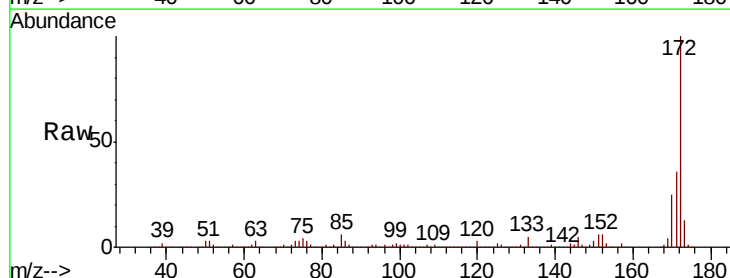
Tgt Ion:172 Resp: 1243746

Ion Ratio Lower Upper

172 100

171 36.1 29.1 43.7

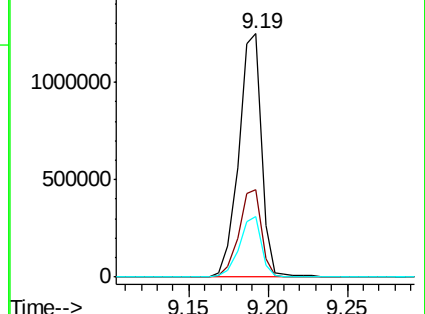
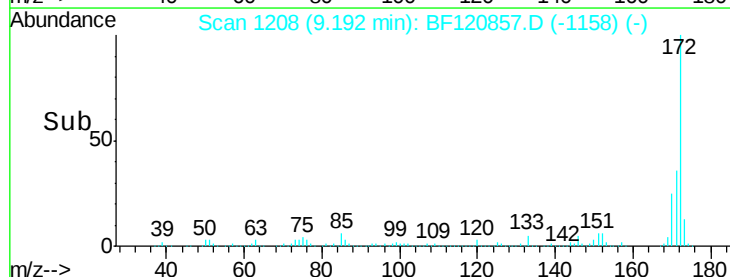
170 25.0 19.8 29.6

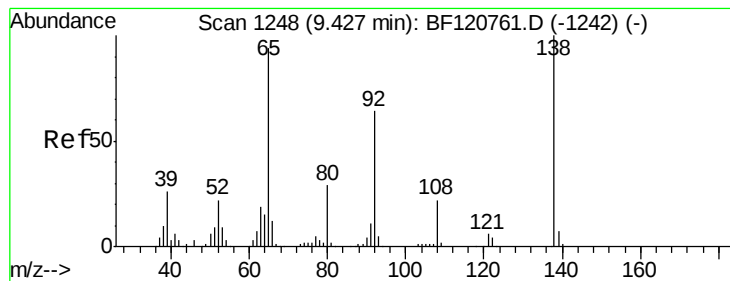


Abundance Ion 172.00 (171.70 to 172.70): E

Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E





#48

2-Nitroaniline

Concen: 2.644 ng

RT: 9.29 min Scan# 1224

Delta R.T. -0.13 min

Lab File: BF120857.D

Acq: 14 Jul 2020 13:17

Instrument :

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ClientSampleId :

FOUND-COMP

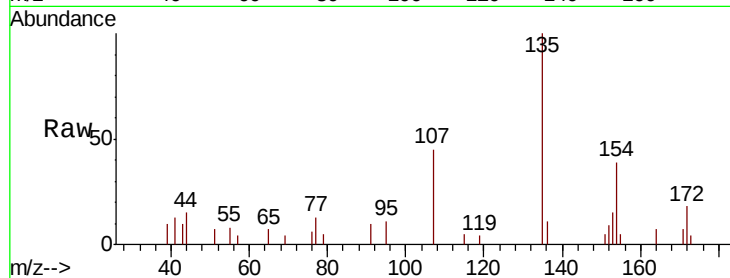
Tot Ion: 65 Resp: 185

Ion Ratio Lower Upper

65 100

92 0.0 54.4 81.6#

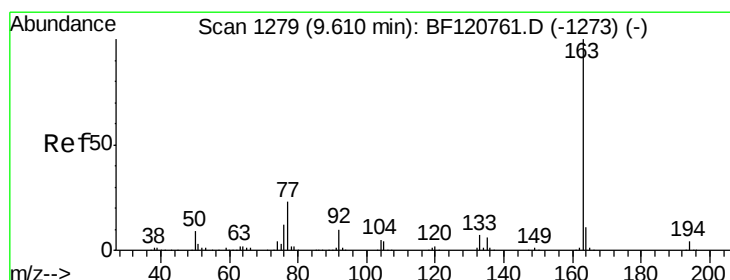
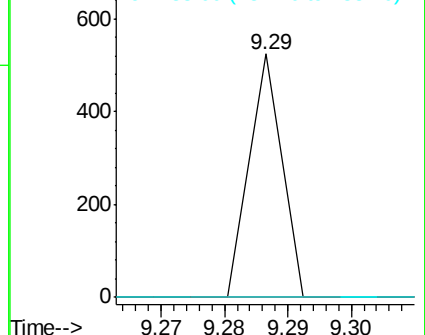
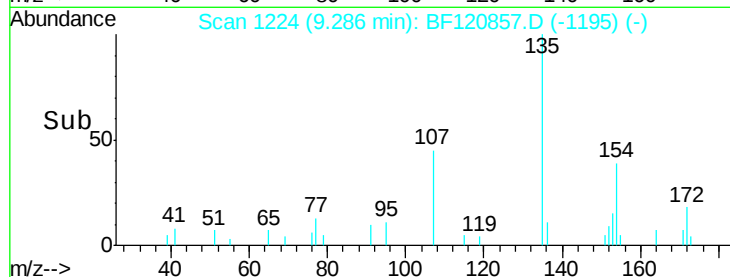
138 0.0 84.7 127.1#



Abundance Ion 65.00 (64.70 to 65.70): BF1

Ion 92.00 (91.70 to 92.70): BF1

Ion 138.00 (137.70 to 138.70): BF1



#50

Dimethylphthalate

Concen: 3.938 ng

RT: 9.58 min Scan# 1274

Delta R.T. -0.02 min

Lab File: BF120857.D

Acq: 14 Jul 2020 13:17

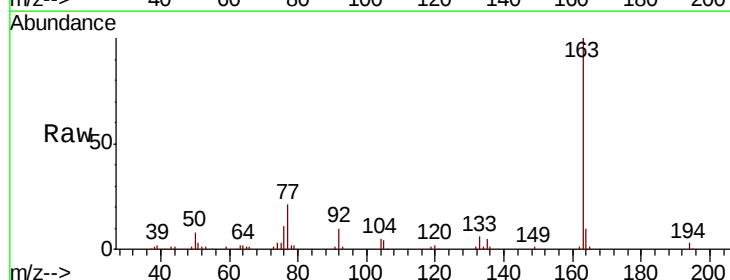
Tgt Ion:163 Resp: 105221

Ion Ratio Lower Upper

163 100

194 3.4 2.9 4.3

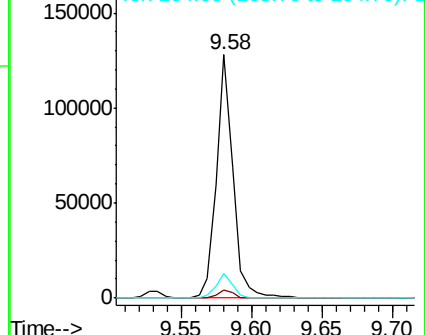
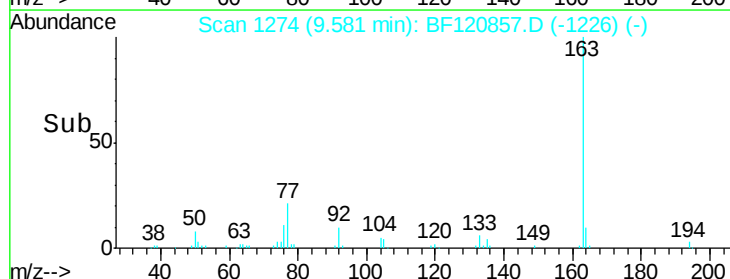
164 10.1 8.5 12.7

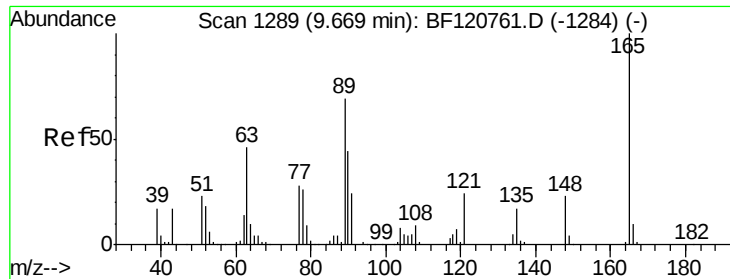


Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E

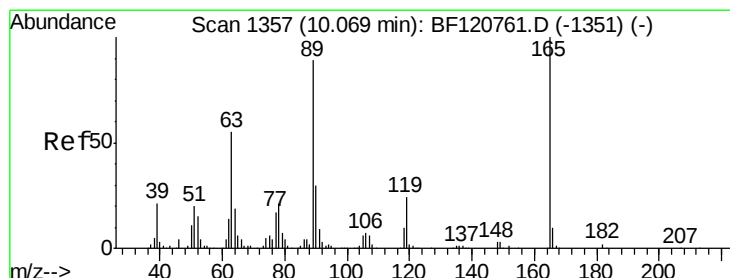
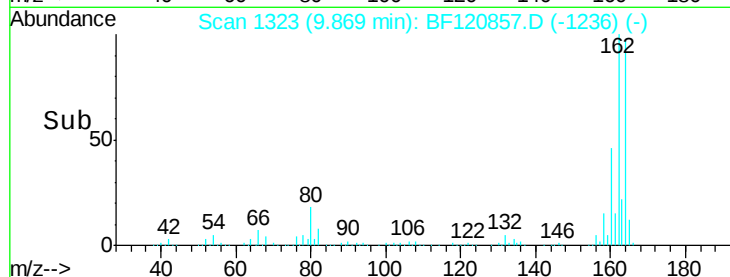
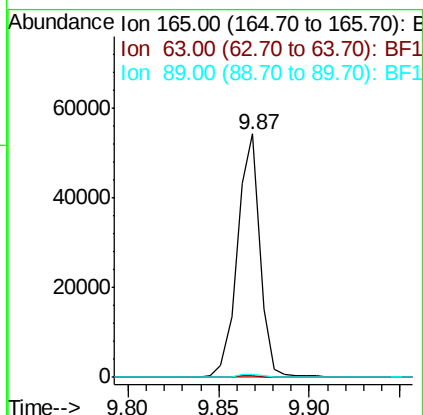
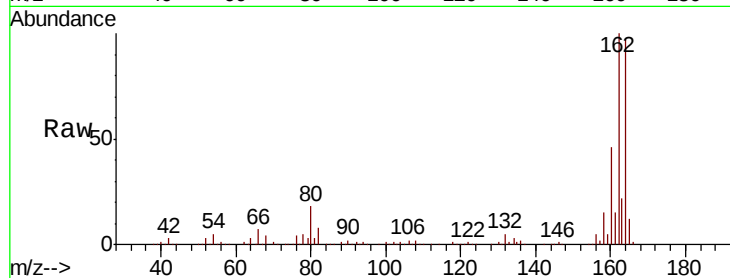




#51
 2,6-Dinitrotoluene
 Concen: 10.698 ng
 RT: 9.87 min Scan# 1323
 Delta R.T. 0.21 min
 Lab File: BF120857.D
 Acq: 14 Jul 2020 13:17

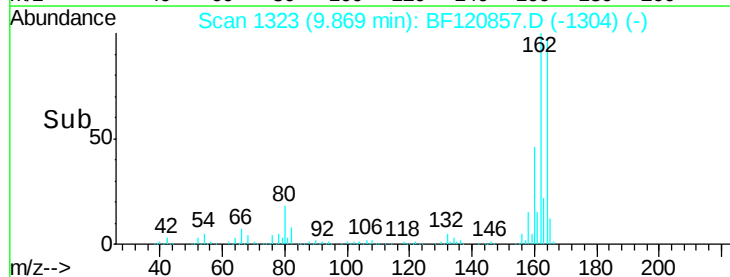
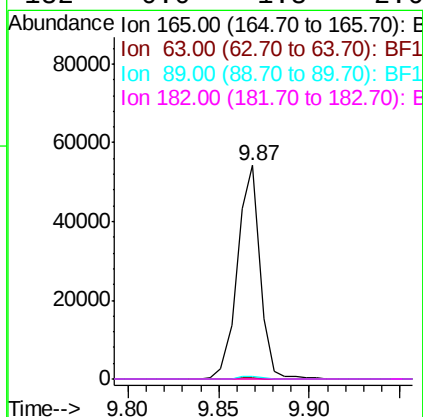
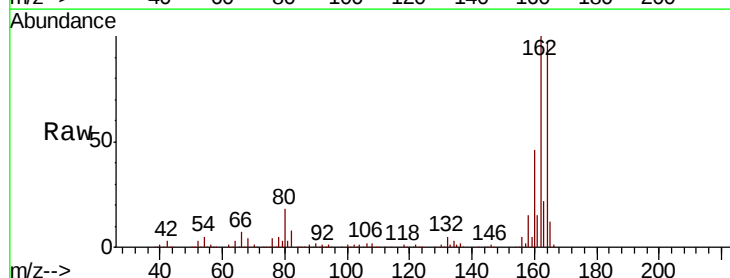
Instrument :
 BNA_F
 ClientSampleId :
 FOUND-COMP

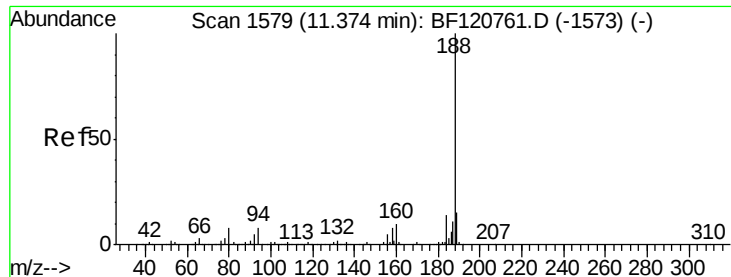
Tot Ion	Ratio	Lower	Upper
165	100		
63	0.9	54.0	81.0#
89	1.3	55.4	83.2#



#57
 2,4-Dinitrotoluene
 Concen: 9.716 ng
 RT: 9.87 min Scan# 1323
 Delta R.T. -0.19 min
 Lab File: BF120857.D
 Acq: 14 Jul 2020 13:17

Tgt Ion	Ratio	Lower	Upper
165	100		
63	0.9	43.8	65.8#
89	1.3	71.4	107.2#
182	0.0	1.8	2.6#

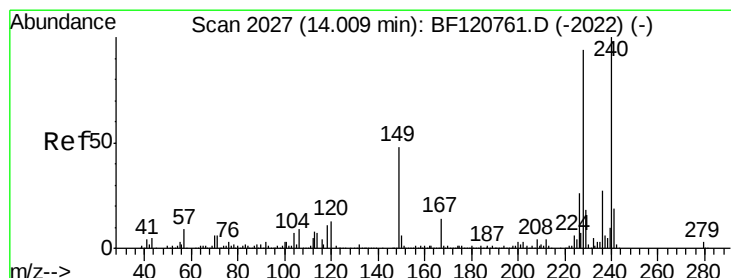
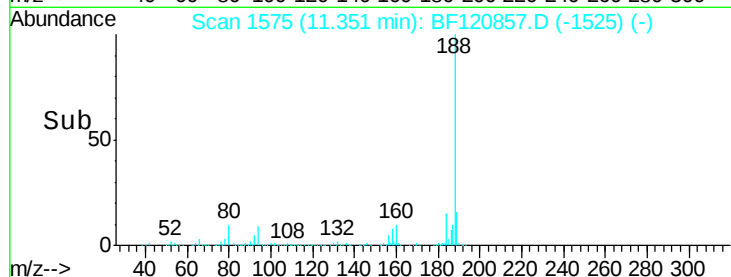
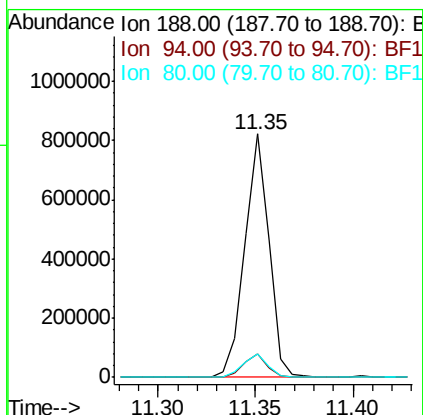
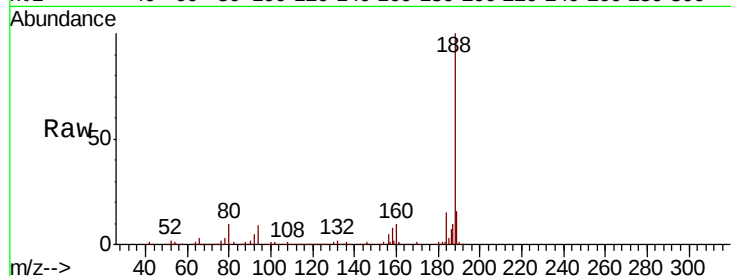




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.35 min Scan# 1575
Delta R.T. -0.01 min
Lab File: BF120857.D
Acq: 14 Jul 2020 13:17

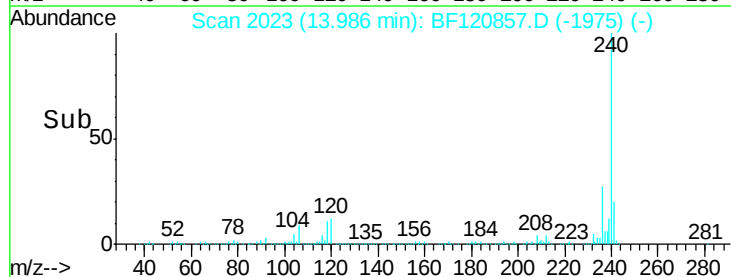
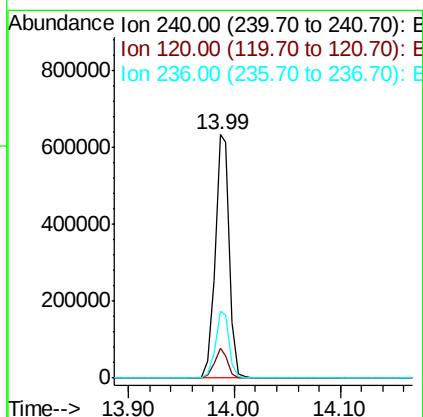
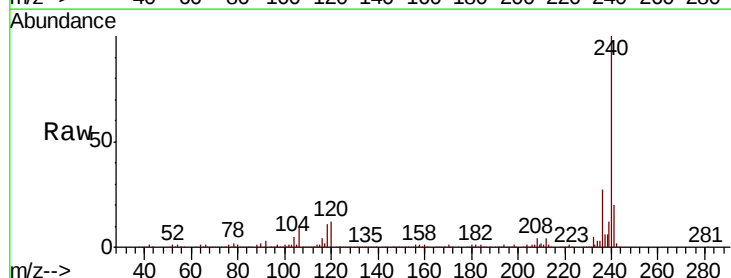
Instrument :
BNA_F
ClientSampleId :
FOUND-COMP

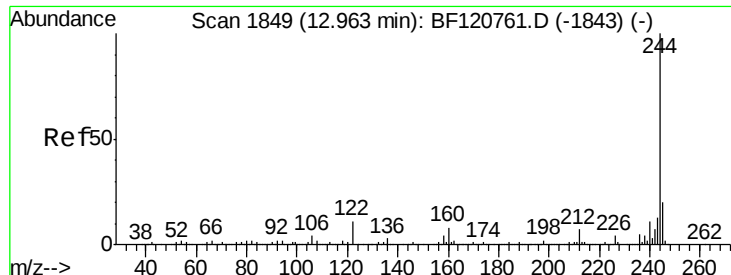
Tot Ion:188 Resp: 706609
Ion Ratio Lower Upper
188 100
94 9.4 6.6 9.8
80 9.5 6.6 10.0



#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.99 min Scan# 2023
Delta R.T. -0.02 min
Lab File: BF120857.D
Acq: 14 Jul 2020 13:17

Tgt Ion:240 Resp: 606210
Ion Ratio Lower Upper
240 100
120 12.4 10.3 15.5
236 27.4 21.4 32.2





#79

Terphenyl-d14

Concen: 41.704 ng

RT: 12.94 min Scan# 1845

Delta R.T. -0.01 min

Lab File: BF120857.D

Acq: 14 Jul 2020 13:17

Instrument :

BNA_F

ClientSampleId :

FOUND-COMP

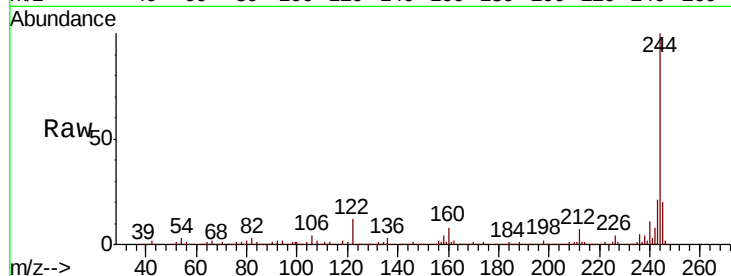
Tot Ion:244 Resp: 1291264

Ion Ratio Lower Upper

244 100

212 7.2 5.6 8.4

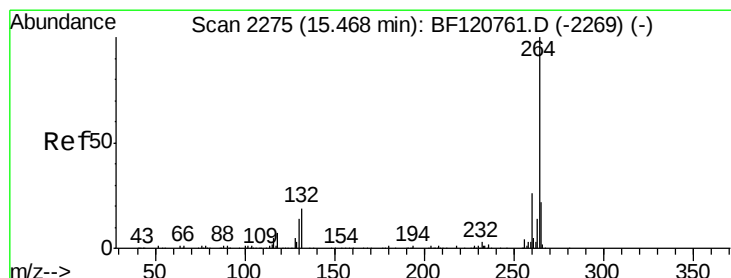
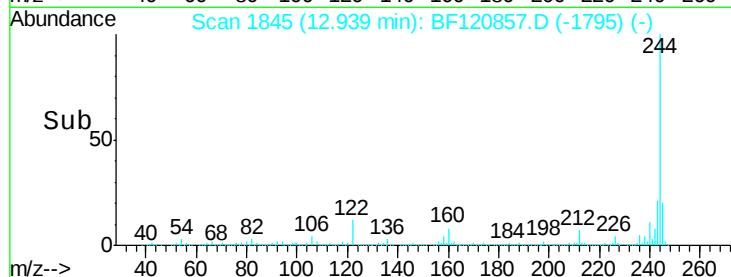
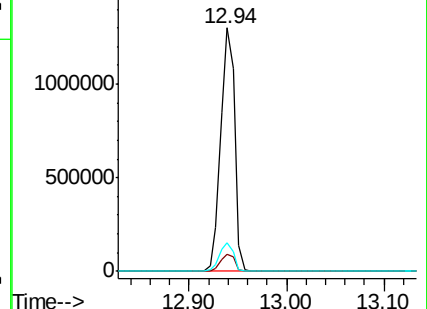
122 11.8 9.0 13.4



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: 15.44 min Scan# 2271

Delta R.T. -0.01 min

Lab File: BF120857.D

Acq: 14 Jul 2020 13:17

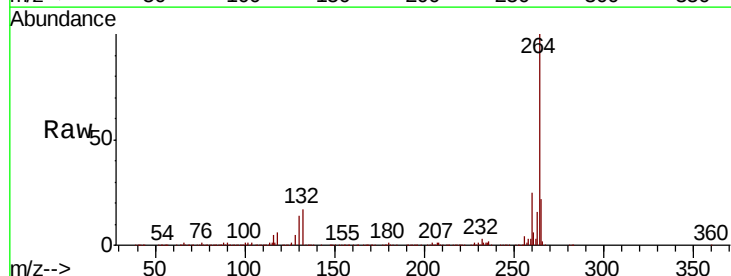
Tgt Ion:264 Resp: 610227

Ion Ratio Lower Upper

264 100

260 24.6 20.6 30.8

265 22.1 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

