

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF071520\
 Data File : BF120870.D
 Acq On : 15 Jul 2020 13:43
 Operator : JU/CG
 Sample : L3259-07
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 C-1-ROLLOFF

Quant Time: Jul 15 14:49:57 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	180052	20.00	ng	0.00
21) Naphthalene-d8	8.12	136	685690	20.00	ng	0.00
39) Acenaphthene-d10	9.87	164	362462	20.00	ng	0.00
64) Phenanthrene-d10	11.35	188	697140	20.00	ng	0.00
76) Chrysene-d12	13.99	240	579469	20.00	ng	-0.01
86) Perylene-d12	15.44	264	520427	20.00	ng	-0.01

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
5) 2-Fluorophenol	5.45	112	637797	54.68	ng	0.00
7) Phenol-d6	6.46	99	846560	56.83	ng	0.00
23) Nitrobenzene-d5	7.39	82	549916	46.47	ng	-0.01
42) 2,4,6-Tribromophenol	10.66	330	192328	52.82	ng	0.00
45) 2-Fluorobiphenyl	9.19	172	1061159	44.29	ng	0.00
79) Terphenyl-d14	12.94	244	1110932	37.54	ng	0.00

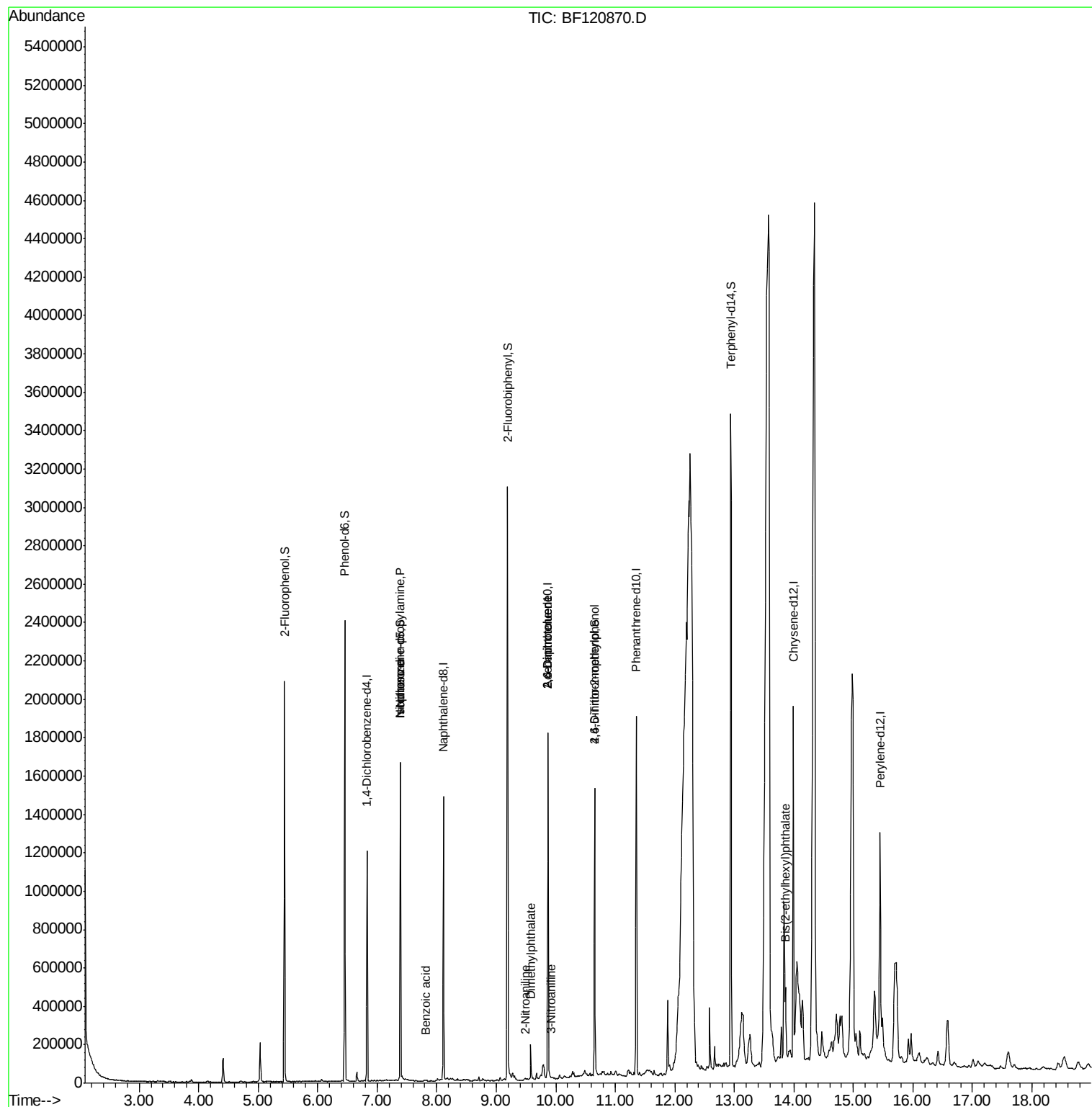
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
19) n-Nitroso-di-n-propylamine	7.39	70	73528	8.198	ng	# 75
25) Isophorone	7.39	82	545256	21.363	ng	# 64
32) Benzoic acid	7.83	122	225	4.253	ng	# 37
48) 2-Nitroaniline	9.49	65	109	2.634	ng	# 5
50) Dimethylphthalate	9.58	163	69115	2.614	ng	# 99
51) 2,6-Dinitrotoluene	9.87	165	46566	10.719	ng	# 17
53) 3-Nitroaniline	9.93	138	264	2.203	ng	# 1
57) 2,4-Dinitrotoluene	9.87	165	46566	9.733	ng	# 15
65) 4,6-Dinitro-2-methylphenol	10.66	198	506	7.155	ng	# 1
84) Bis(2-ethylhexyl)phthalate	13.86	149	110485	4.217	ng	# 54

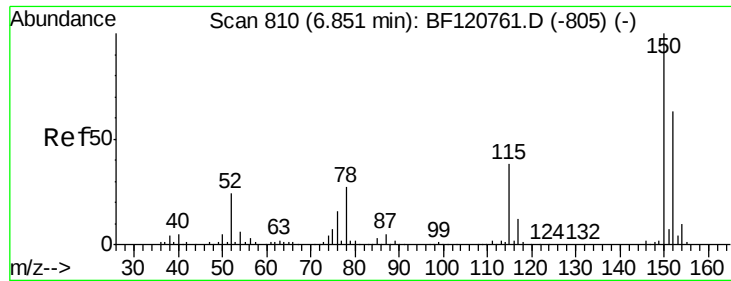
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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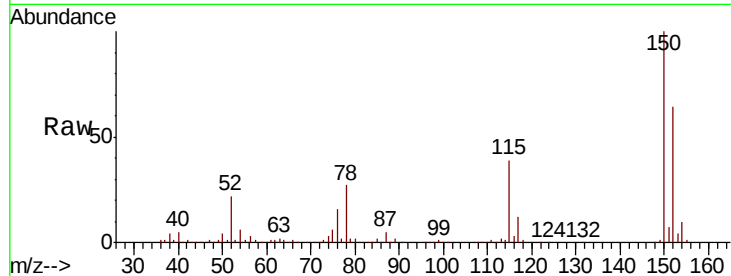




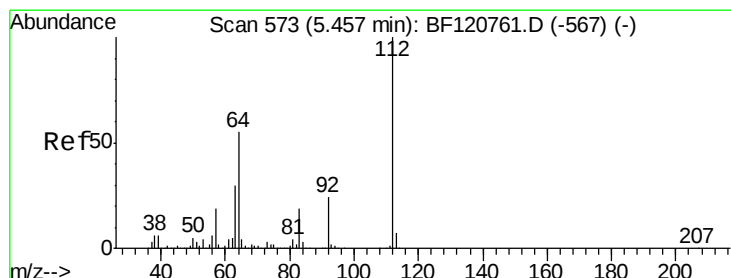
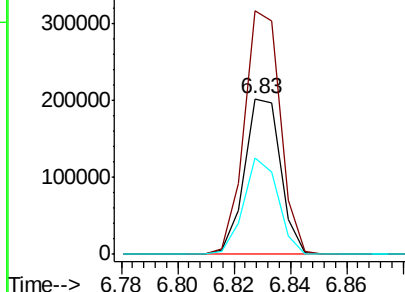
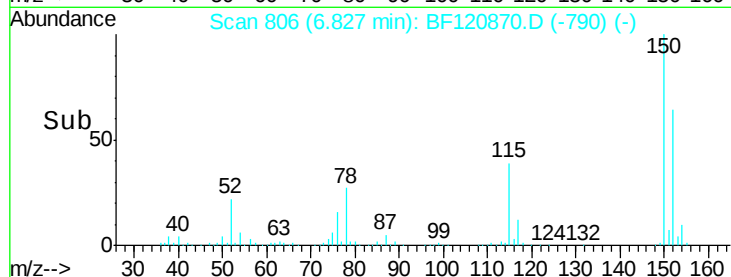
#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.83 min Scan# 806
 Delta R.T. -0.01 min
 Lab File: BF120870.D
 Acq: 15 Jul 2020 13:43

Instrument :
 BNA_F
 ClientSampleId :
 C-1-ROLLOFF

Tot Ion:152 Resp: 180052
 Ion Ratio Lower Upper
 152 100
 150 156.6 126.1 189.1
 115 61.8 48.5 72.7

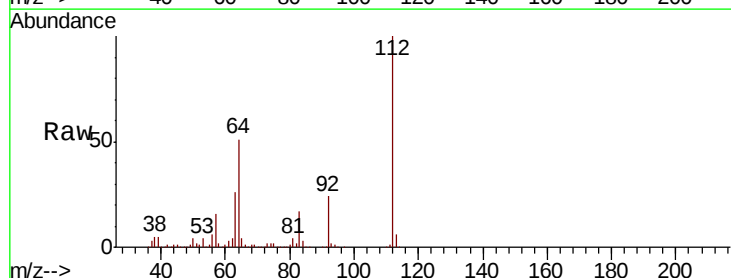


Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E

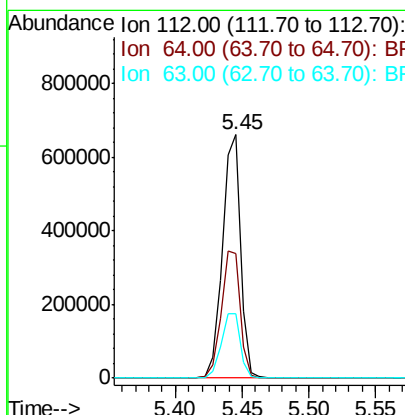
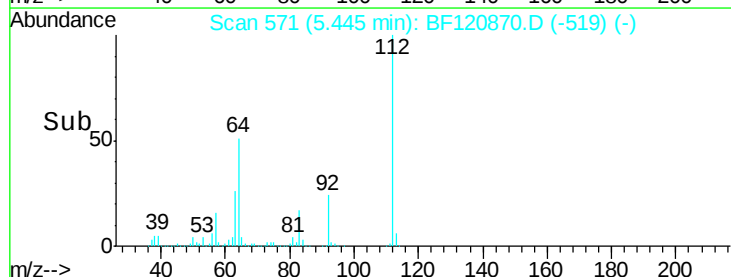


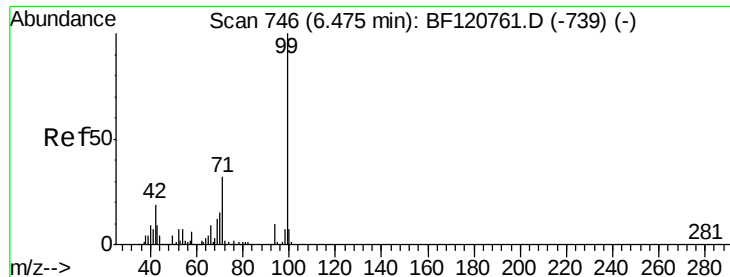
#5
 2-Fluorophenol
 Concen: 54.681 ng
 RT: 5.45 min Scan# 571
 Delta R.T. 0.01 min
 Lab File: BF120870.D
 Acq: 15 Jul 2020 13:43

Tgt Ion:112 Resp: 637797
 Ion Ratio Lower Upper
 112 100
 64 51.4 43.8 65.6
 63 26.5 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: 56.833 ng

RT: 6.46 min Scan# 743

Delta R.T. -0.01 min

Lab File: BF120870.D

Acq: 15 Jul 2020 13:43

Instrument :

BNA_F

ClientSampleId :

C-1-ROLLOFF

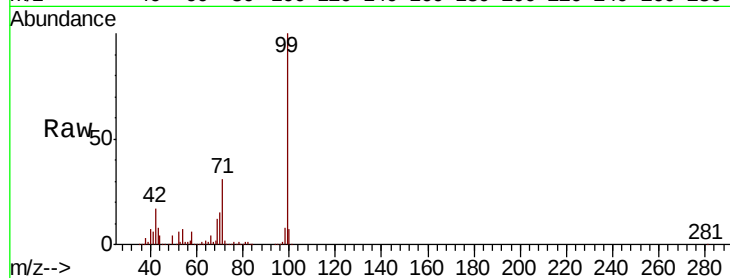
Tot Ion: 99 Resp: 846560

Ion Ratio Lower Upper

99 100

42 17.0 15.4 23.0

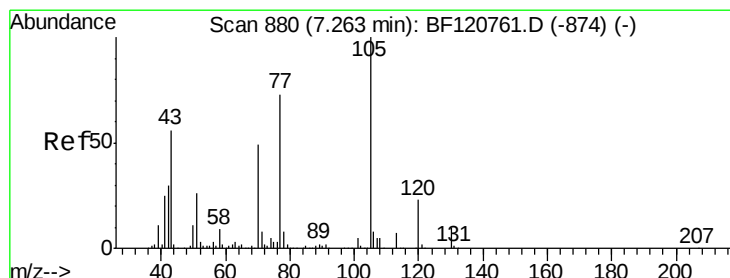
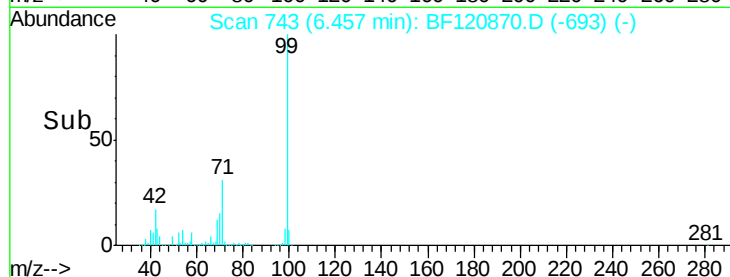
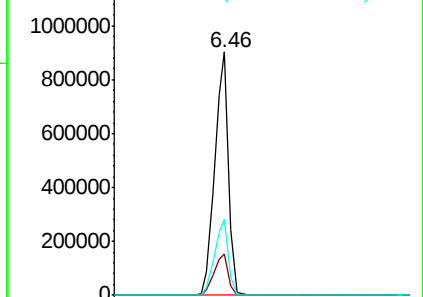
71 31.0 25.9 38.9



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: 8.198 ng

RT: 7.39 min Scan# 901

Delta R.T. 0.14 min

Lab File: BF120870.D

Acq: 15 Jul 2020 13:43

Tgt Ion: 70 Resp: 73528

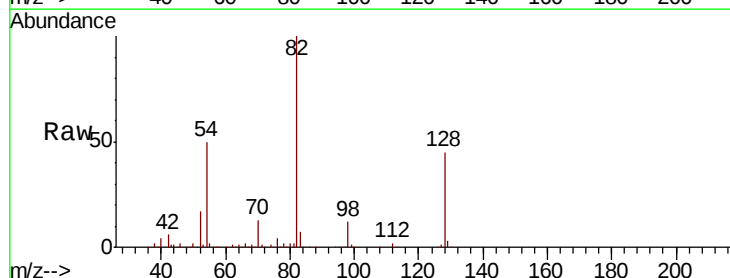
Ion Ratio Lower Upper

70 100

42 47.3 50.3 75.5#

101 0.0 7.5 11.3#

130 2.2 16.1 24.1#

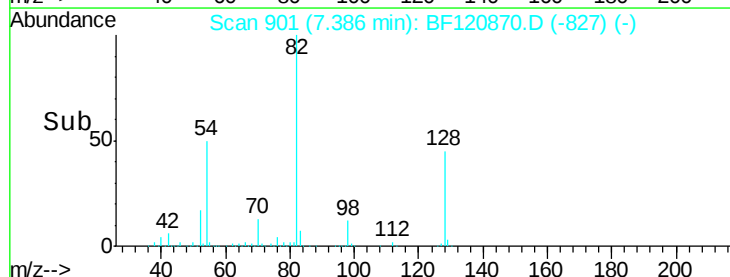
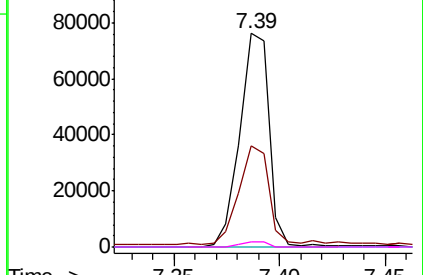


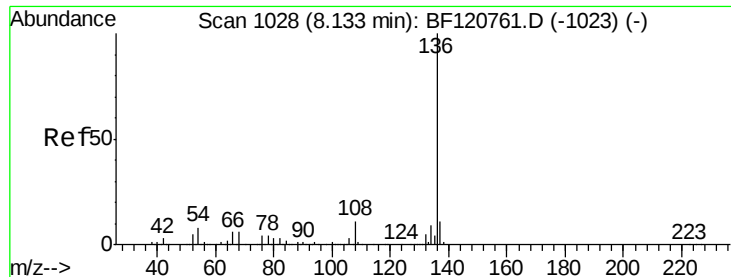
Abundance Ion 70.00 (69.70 to 70.70): BF1

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

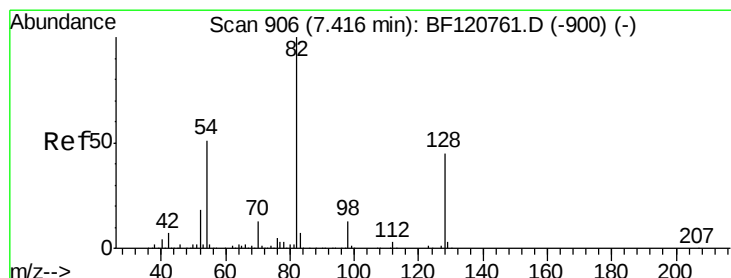
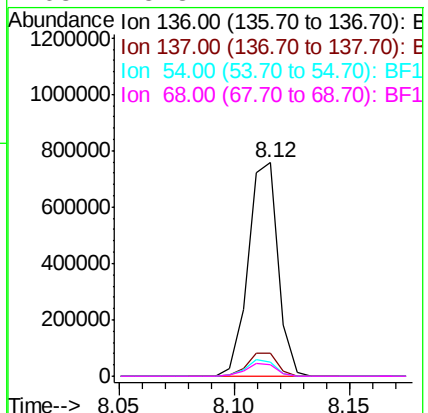
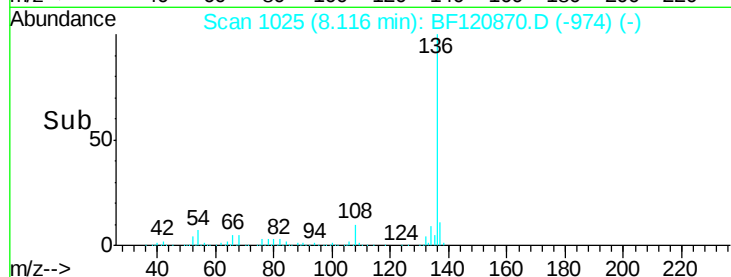
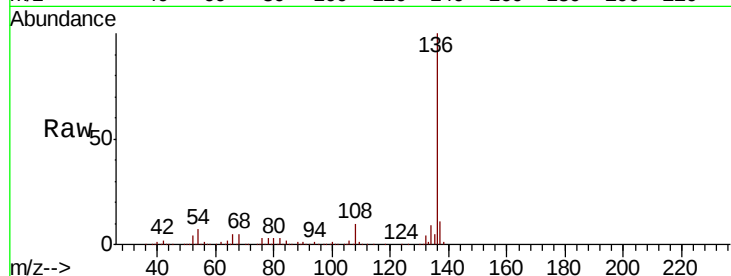




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.12 min Scan# 1025
Delta R.T. -0.00 min
Lab File: BF120870.D
Acq: 15 Jul 2020 13:43

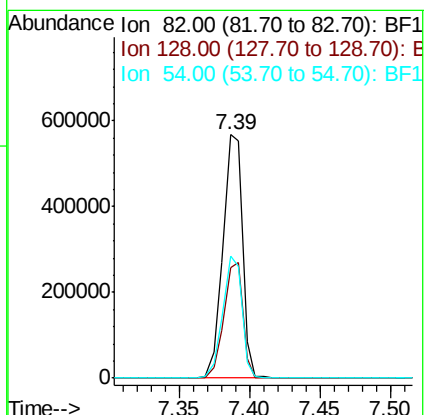
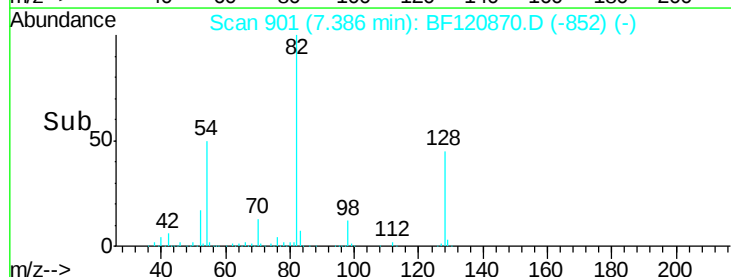
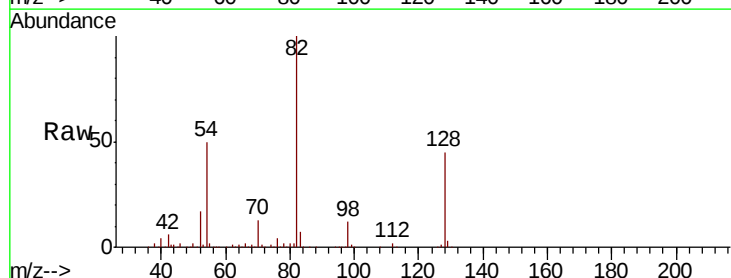
Instrument :
BNA_F
ClientSampleId :
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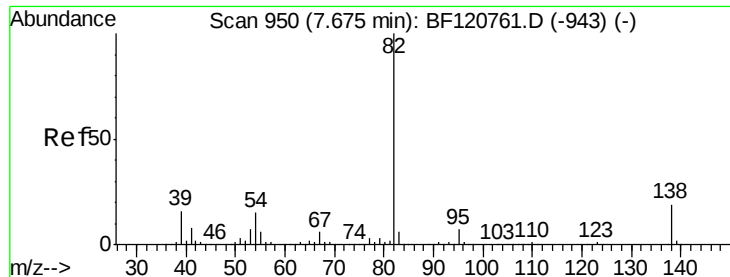
Tot Ion:136	Resp: 685690
Ion Ratio	Lower Upper
136 100	
137 10.7	9.0 13.6
54 6.7	6.2 9.4
68 5.3	4.7 7.1



#23
Nitrobenzene-d5
Concen: 46.465 ng
RT: 7.39 min Scan# 901
Delta R.T. -0.01 min
Lab File: BF120870.D
Acq: 15 Jul 2020 13:43

Tgt	Ion: 82	Resp:	549916
Ion	Ratio	Lower	Upper
82	100		
128	45.4	35.7	53.5
54	50.2	40.9	61.3





#25

Isophorone

Concen: 21.363 ng

RT: 7.39 min Scan# 901

Delta R.T. -0.27 min

Lab File: BF120870.D

Acq: 15 Jul 2020 13:43

Instrument :

BNA_F

ClientSampleId :

C-1-ROLLOFF

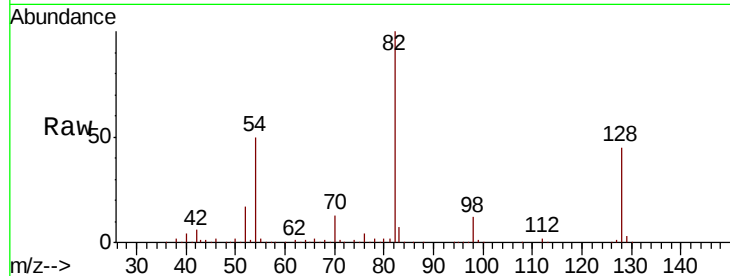
Tot Ion: 82 Resp: 545256

Ion Ratio Lower Upper

82 100

95 0.1 5.4 8.2#

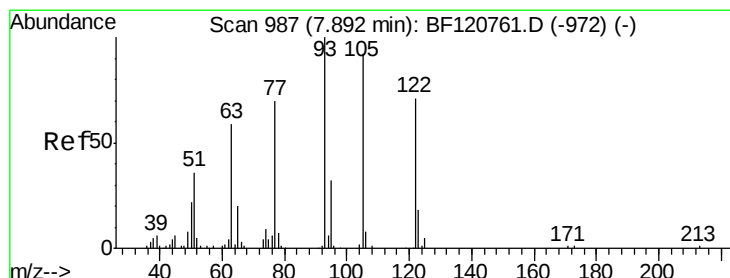
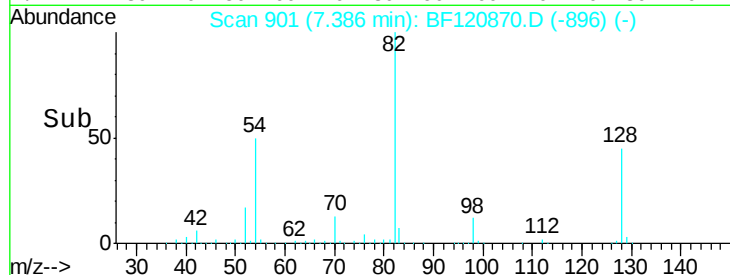
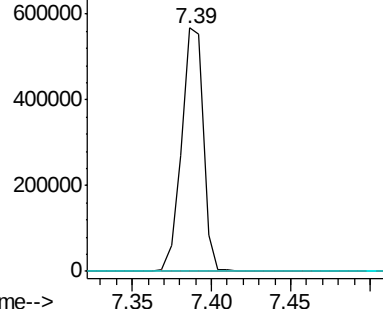
138 0.0 15.0 22.4#



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



#32

Benzoic acid

Concen: 4.253 ng

RT: 7.83 min Scan# 976

Delta R.T. -0.05 min

Lab File: BF120870.D

Acq: 15 Jul 2020 13:43

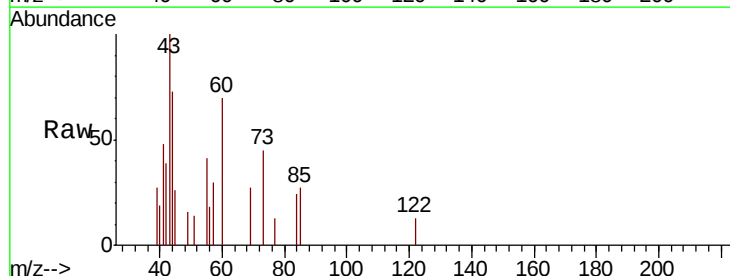
Tgt Ion: 122 Resp: 225

Ion Ratio Lower Upper

122 100

105 0.0 105.8 145.8#

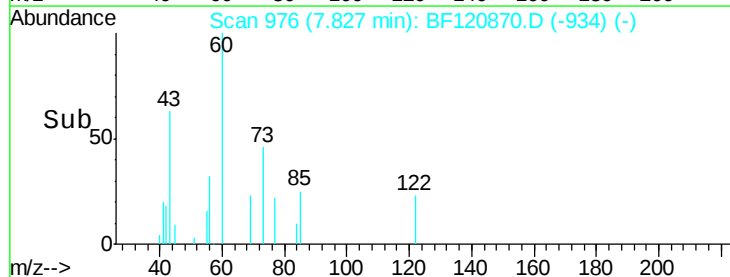
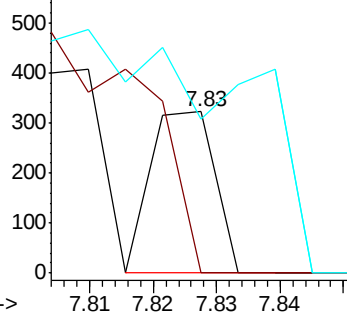
77 95.4 77.3 117.3

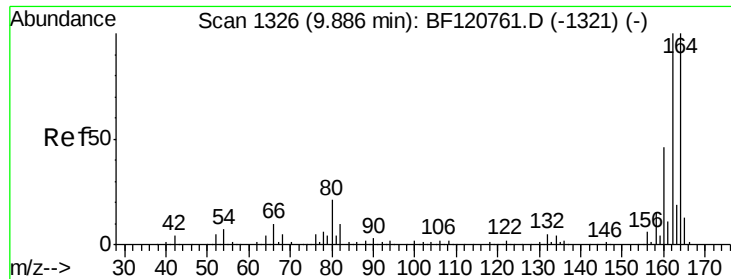


Abundance Ion 122.00 (121.70 to 122.70): BF1

Ion 105.00 (104.70 to 105.70): BF1

Ion 77.00 (76.70 to 77.70): BF1

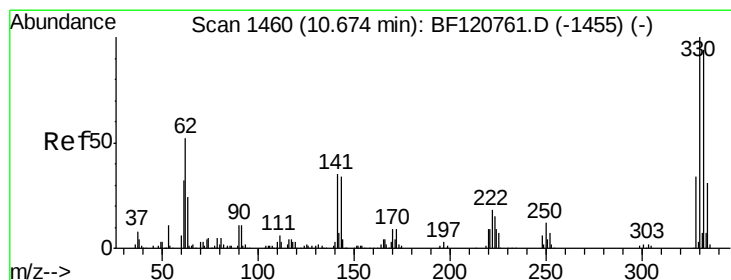
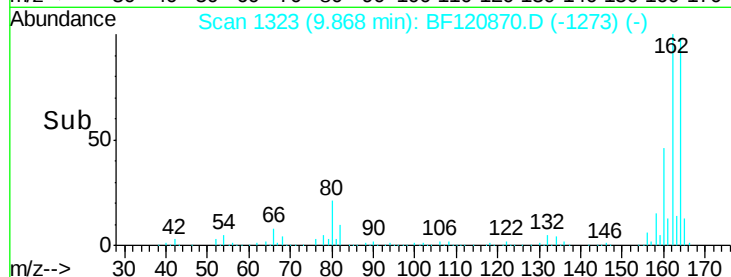
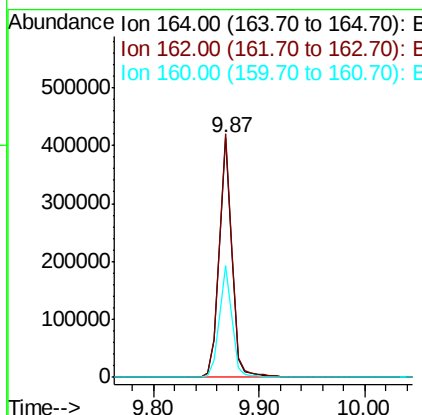
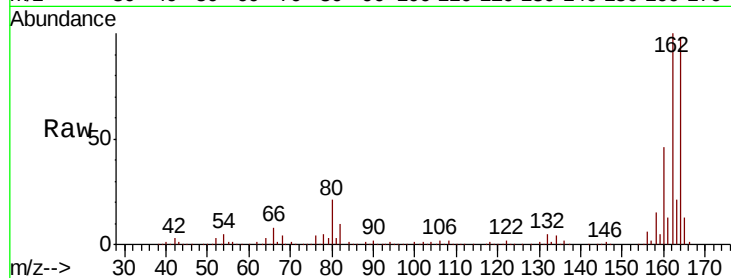




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.87 min Scan# 1323
Delta R.T. -0.01 min
Lab File: BF120870.D
Acq: 15 Jul 2020 13:43

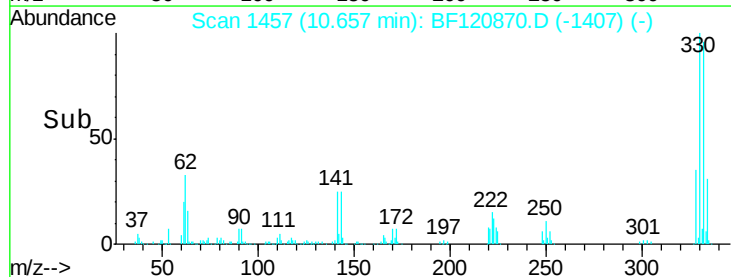
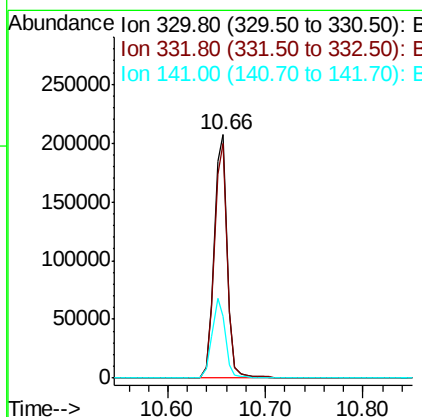
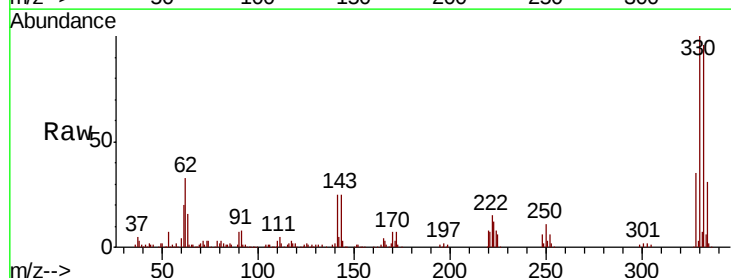
Instrument :
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C-1-ROLLOFF

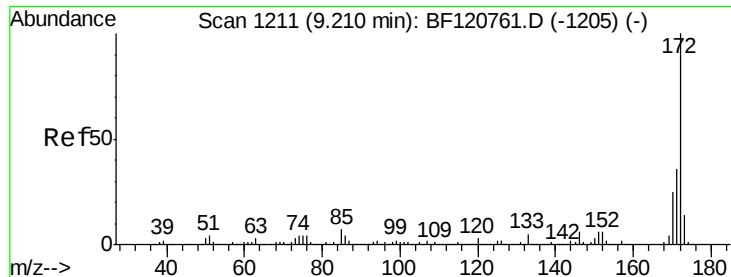
Tot Ion:164 Resp: 362462
Ion Ratio Lower Upper
164 100
162 101.7 80.2 120.2
160 46.6 36.9 55.3



#42
2,4,6-Tribromophenol
Concen: 52.816 ng
RT: 10.66 min Scan# 1457
Delta R.T. -0.01 min
Lab File: BF120870.D
Acq: 15 Jul 2020 13:43

Tgt Ion:330 Resp: 192328
Ion Ratio Lower Upper
330 100
332 95.9 75.8 113.6
141 33.4 29.7 44.5

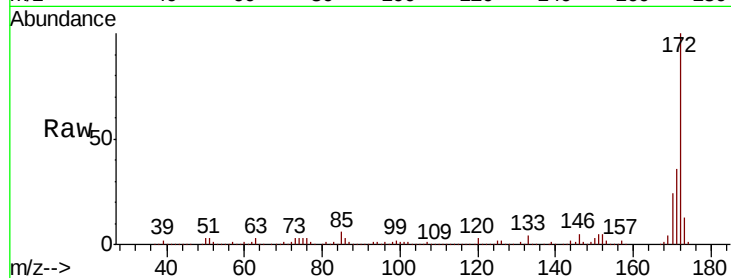




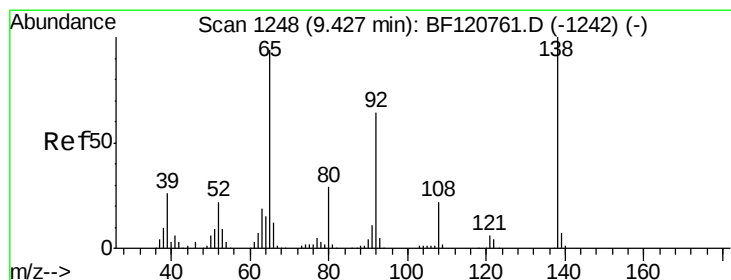
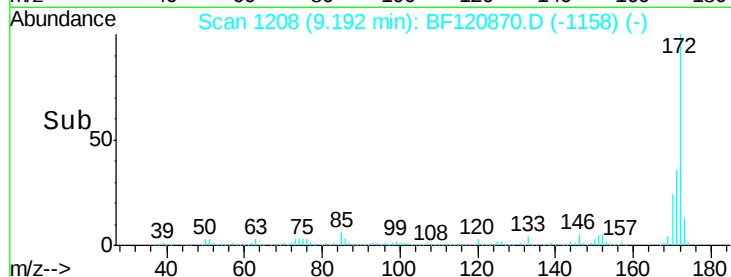
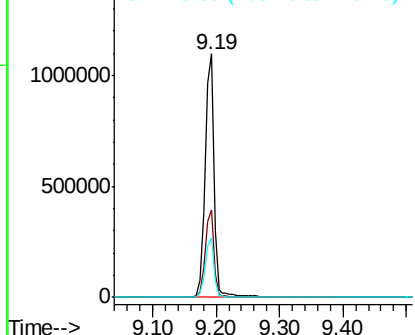
#45
 2-Fluorobiphenyl
 Concen: 44.294 ng
 RT: 9.19 min Scan# 1208
 Delta R.T. -0.01 min
 Lab File: BF120870.D
 Acq: 15 Jul 2020 13:43

Instrument :
 BNA_F
 ClientSampleId :
 C-1-ROLLOFF

Tot Ion:172 Resp: 1061159
 Ion Ratio Lower Upper
 172 100
 171 35.7 29.1 43.7
 170 24.3 19.8 29.6

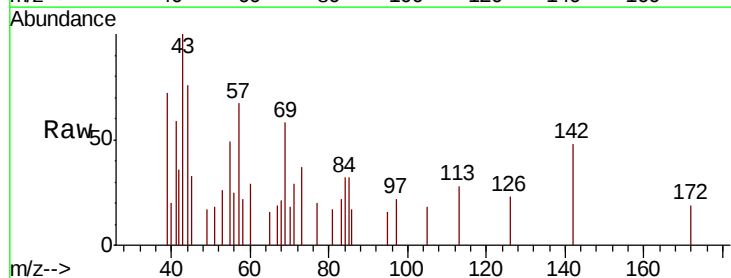


Abundance Ion 172.00 (171.70 to 172.70): E
 1500000 Ion 171.00 (170.70 to 171.70): E
 Ion 170.00 (169.70 to 170.70): E

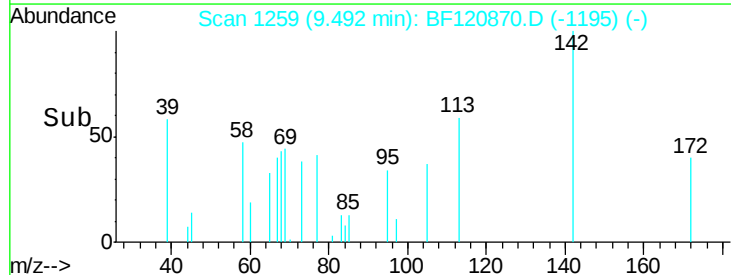
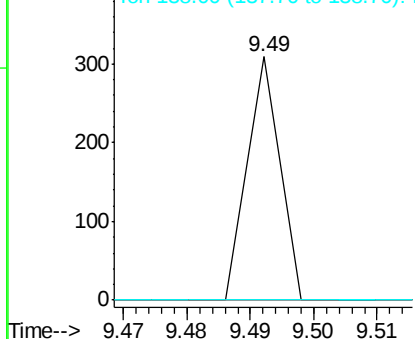


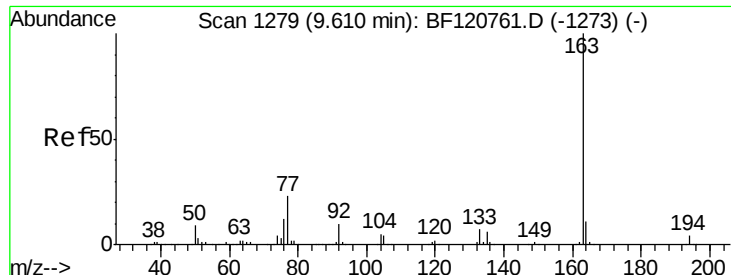
#48
 2-Nitroaniline
 Concen: 2.634 ng
 RT: 9.49 min Scan# 1259
 Delta R.T. 0.08 min
 Lab File: BF120870.D
 Acq: 15 Jul 2020 13:43

Tgt Ion: 65 Resp: 109
 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
 400 Ion 92.00 (91.70 to 92.70): BF1
 Ion 138.00 (137.70 to 138.70): E





#50

Dimethylphthalate

Concen: 2.614 ng

RT: 9.58 min Scan# 1274

Delta R.T. -0.02 min

Lab File: BF120870.D

Acq: 15 Jul 2020 13:43

Instrument :

BNA_F

ClientSampleId :

C-1-ROLLOFF

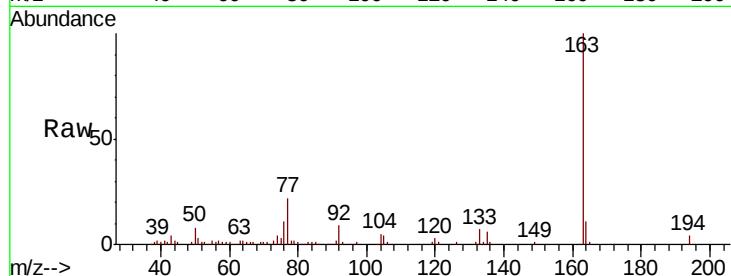
Tot Ion:163 Resp: 69115

Ion Ratio Lower Upper

163 100

194 3.8 2.9 4.3

164 11.2 8.5 12.7



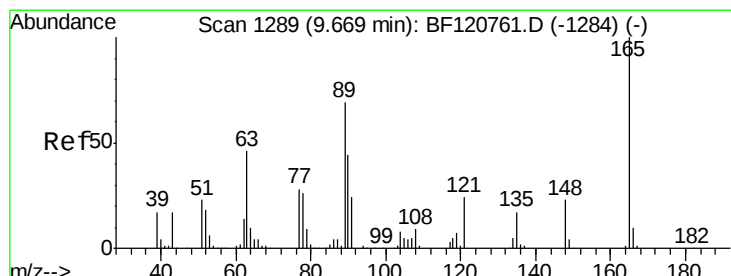
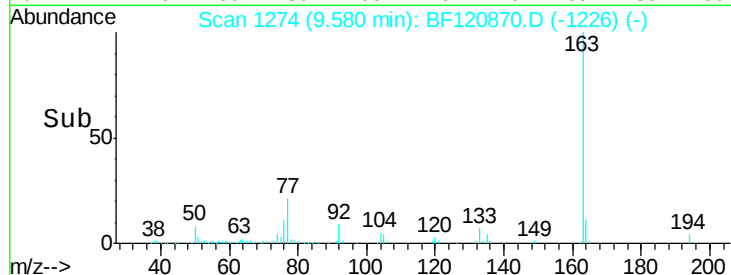
Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E

9.58

Time-->



#51

2,6-Dinitrotoluene

Concen: 10.719 ng

RT: 9.87 min Scan# 1323

Delta R.T. 0.21 min

Lab File: BF120870.D

Acq: 15 Jul 2020 13:43

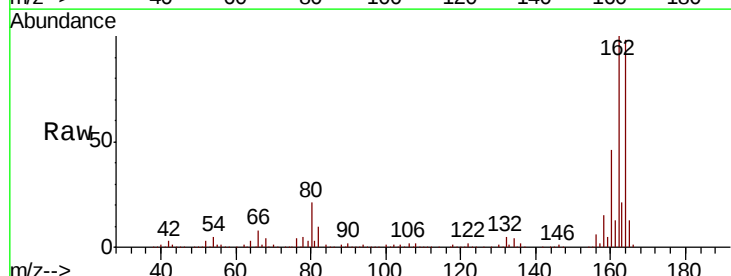
Tgt Ion:165 Resp: 46566

Ion Ratio Lower Upper

165 100

63 1.4 54.0 81.0#

89 1.4 55.4 83.2#



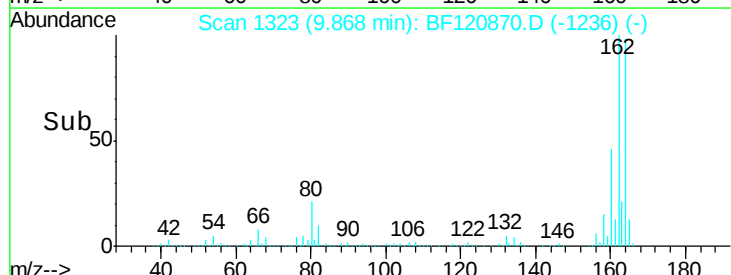
Abundance Ion 165.00 (164.70 to 165.70): E

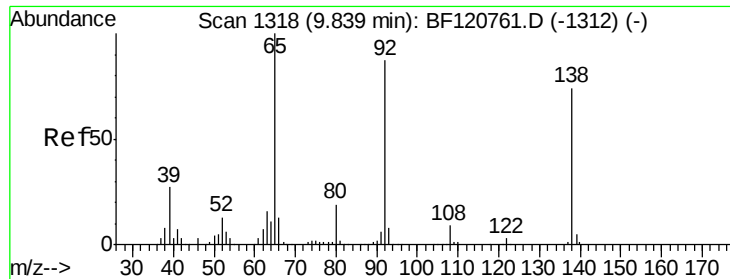
Ion 63.00 (62.70 to 63.70): BF1

Ion 89.00 (88.70 to 89.70): BF1

9.87

Time-->

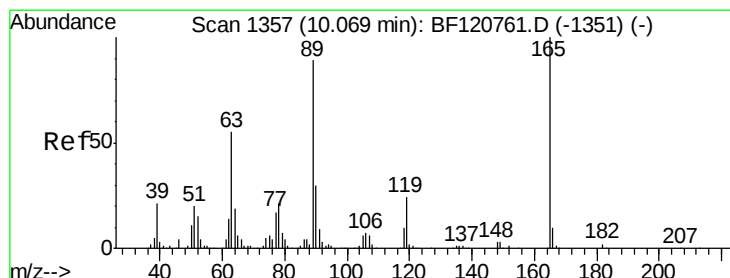
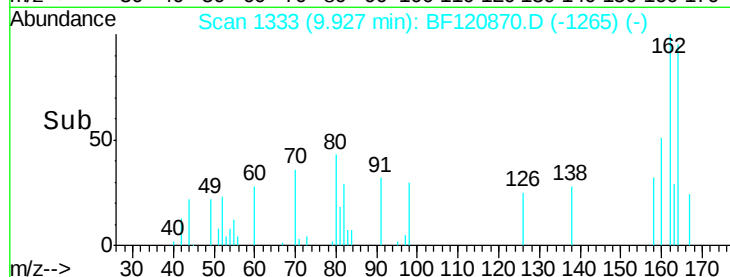
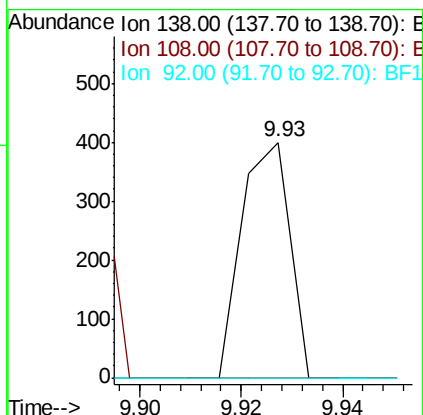
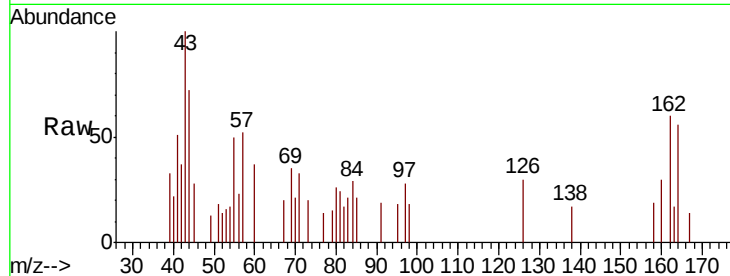




#53
3-Nitroaniline
Concen: 2.203 ng
RT: 9.93 min Scan# 1333
Delta R.T. 0.10 min
Lab File: BF120870.D
Acq: 15 Jul 2020 13:43

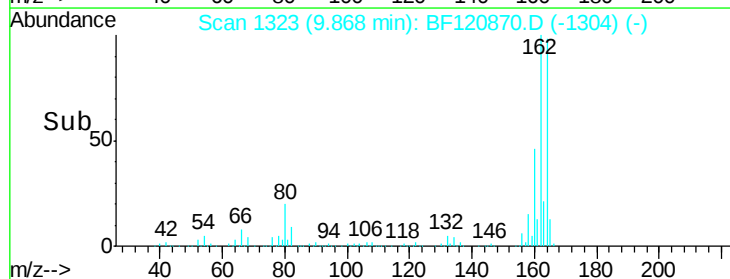
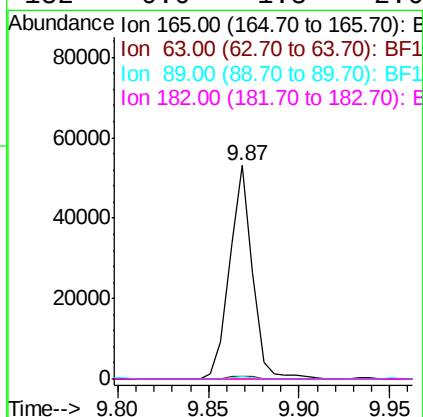
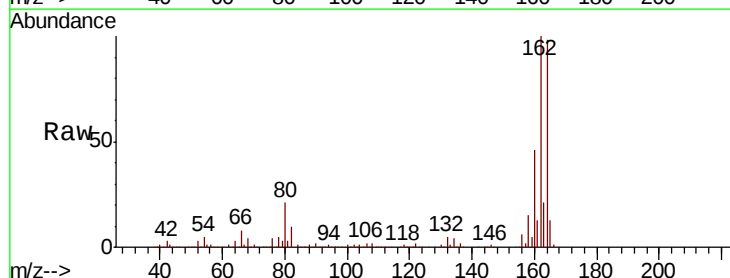
Instrument :
BNA_F
ClientSampled :
C-1-ROLLOFF

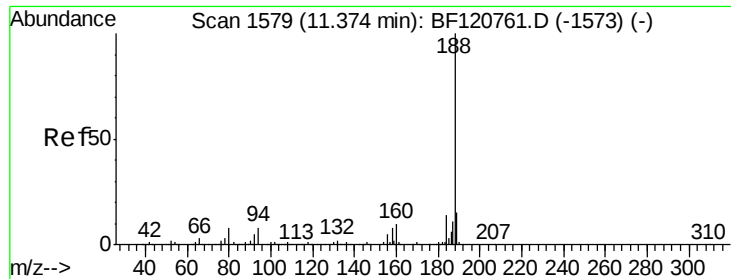
Tot Ion:138 Resp: 264
Ion Ratio Lower Upper
138 100
108 0.0 9.8 14.6#
92 0.0 93.4 140.2#



#57
2,4-Dinitrotoluene
Concen: 9.733 ng
RT: 9.87 min Scan# 1323
Delta R.T. -0.19 min
Lab File: BF120870.D
Acq: 15 Jul 2020 13:43

Tgt Ion:165 Resp: 46566
Ion Ratio Lower Upper
165 100
63 1.4 43.8 65.8#
89 1.4 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: BF120870.D

Acq: 15 Jul 2020 13:43

Instrument :

BNA_F

ClientSampleId :

C-1-ROLLOFF

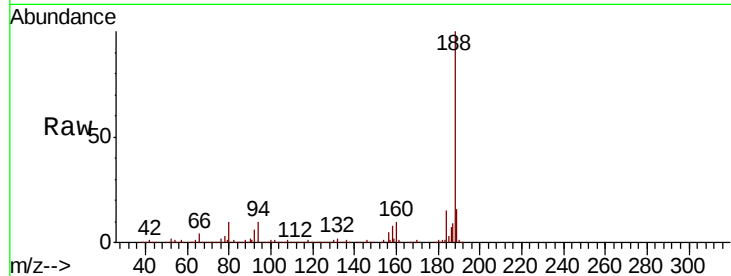
Tot Ion:188 Resp: 697140

Ion Ratio Lower Upper

188 100

94 10.0 6.6 9.8#

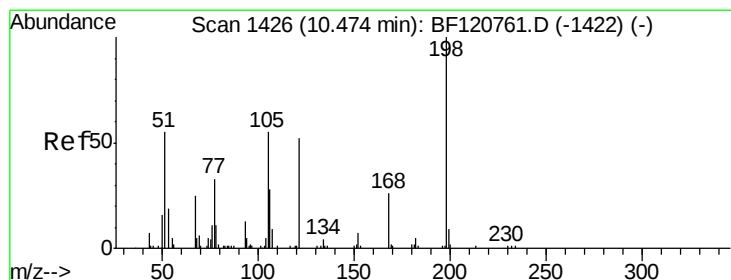
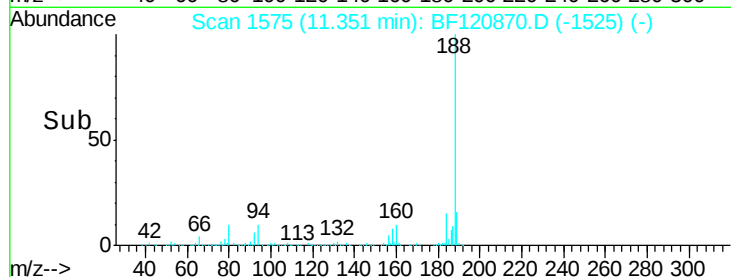
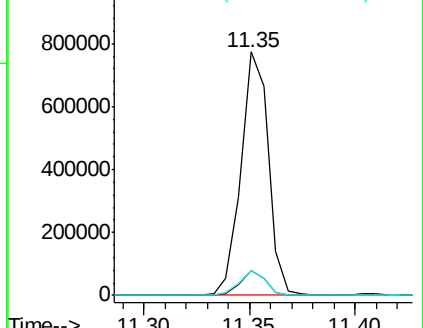
80 10.3 6.6 10.0#



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



#65

4,6-Dinitro-2-methylphenol

Concen: 7.155 ng

RT: 10.66 min Scan# 1457

Delta R.T. 0.19 min

Lab File: BF120870.D

Acq: 15 Jul 2020 13:43

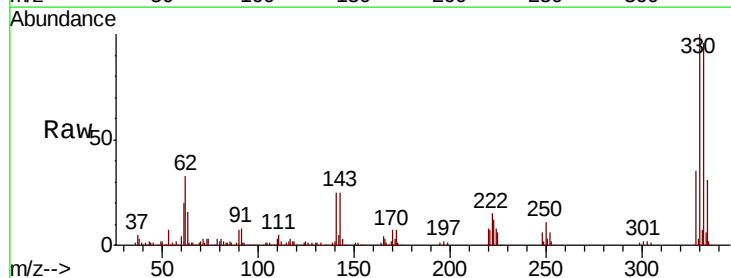
Tgt Ion:198 Resp: 506

Ion Ratio Lower Upper

198 100

51 131.6 50.0 90.0#

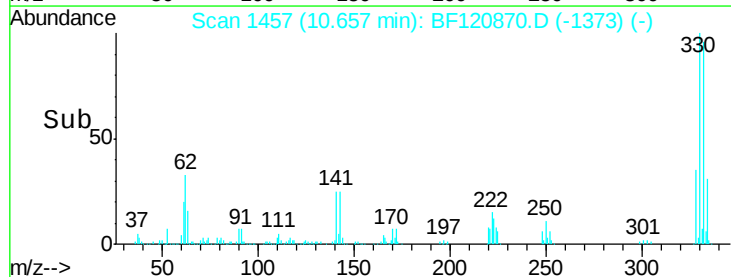
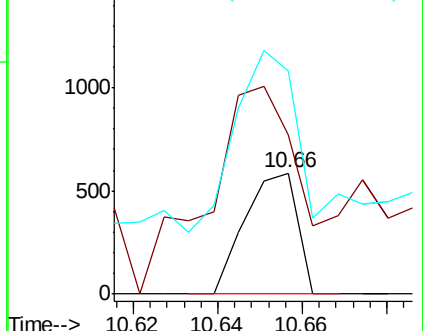
105 184.6 38.3 78.3#

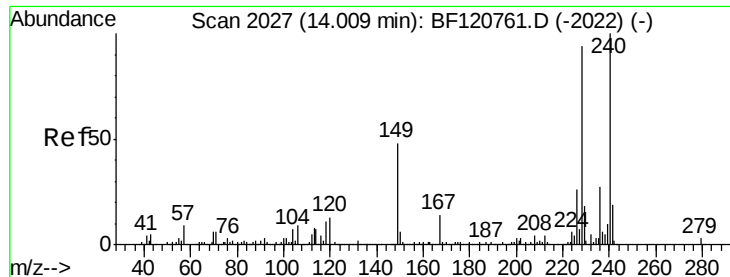


Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BF1

Ion 105.00 (104.70 to 105.70): E

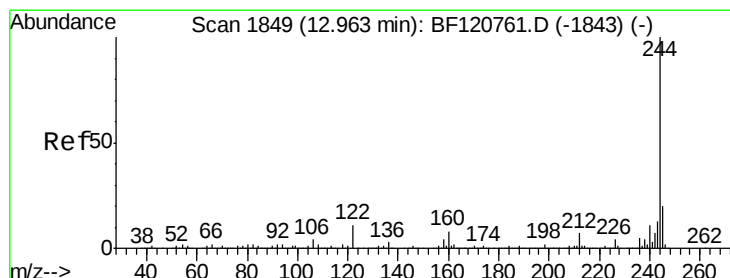
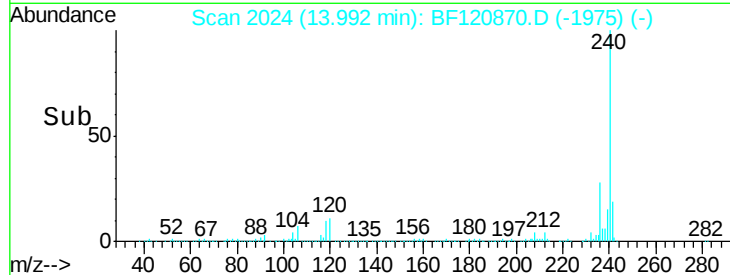
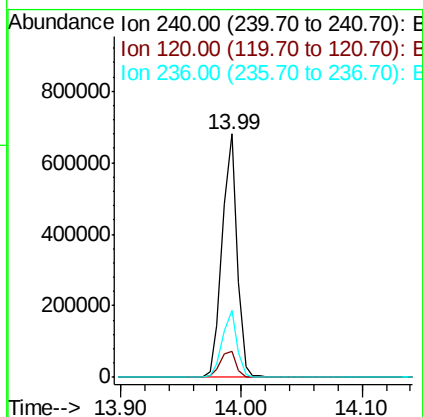
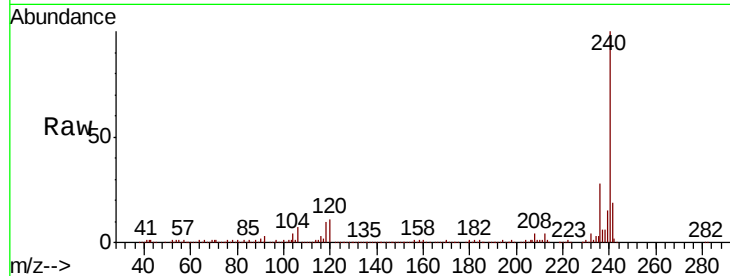




#76
 Chrvsene-d12
 Concen: 20.000 ng
 RT: 13.99 min Scan# 2024
 Delta R.T. -0.01 min
 Lab File: BF120870.D
 Acq: 15 Jul 2020 13:43

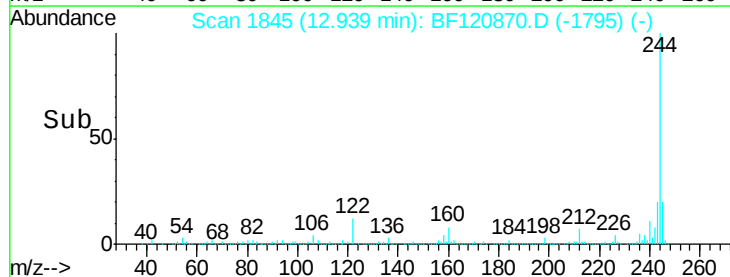
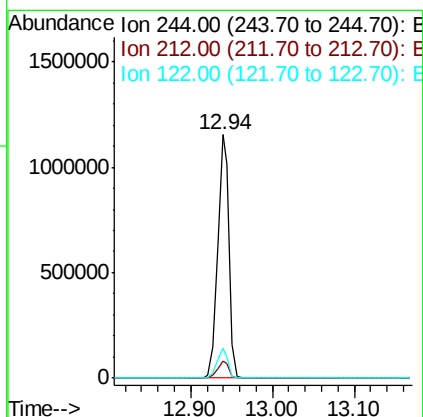
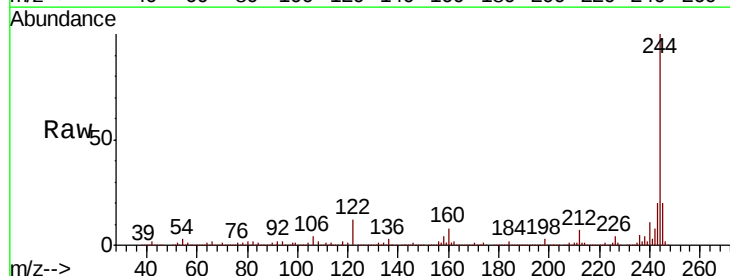
Instrument :
 BNA_F
 ClientSampleId :
 C-1-ROLLOFF

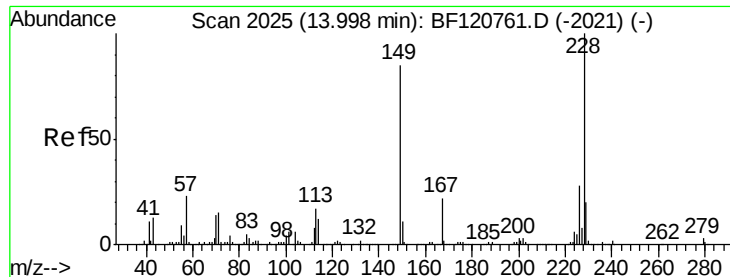
Tot Ion:240 Resp: 579469
 Ion Ratio Lower Upper
 240 100
 120 10.6 10.3 15.5
 236 27.6 21.4 32.2



#79
 Terphenyl-d14
 Concen: 37.536 ng
 RT: 12.94 min Scan# 1845
 Delta R.T. -0.01 min
 Lab File: BF120870.D
 Acq: 15 Jul 2020 13:43

Tgt Ion:244 Resp: 1110932
 Ion Ratio Lower Upper
 244 100
 212 7.3 5.6 8.4
 122 12.2 9.0 13.4





#84

Bis(2-ethylhexyl)phthalate

Concen: 4.217 ng

RT: 13.86 min Scan# 2002

Delta R.T. -0.12 min

Lab File: BF120870.D

Acq: 15 Jul 2020 13:43

Instrument :

BNA_F

ClientSampleId :

C-1-ROLLOFF

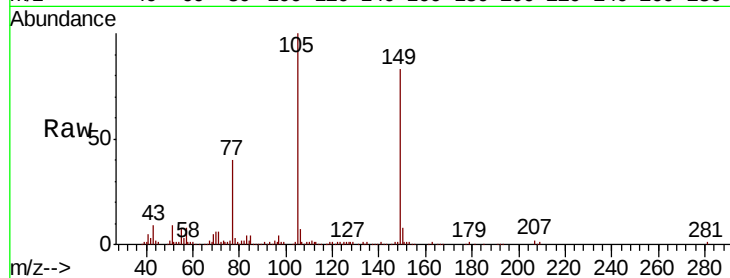
Tot Ion:149 Resp: 110485

Ion Ratio Lower Upper

149 100

167 0.3 20.9 31.3#

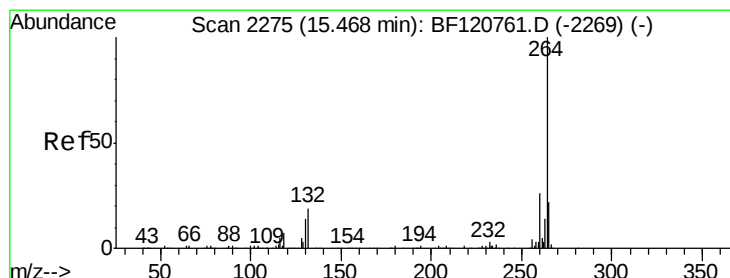
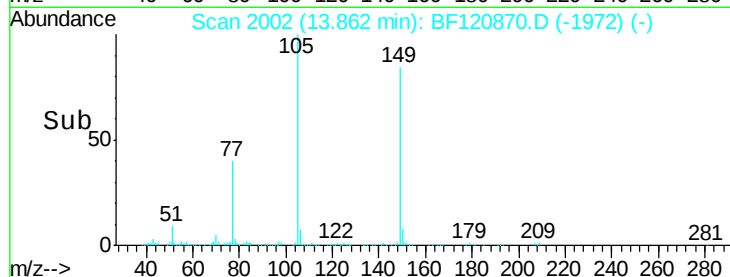
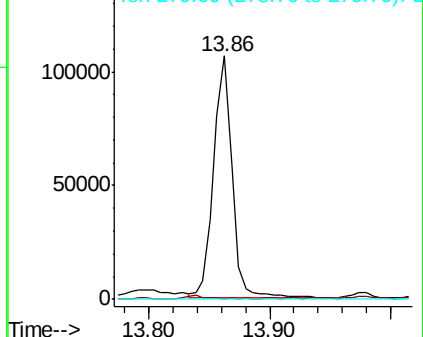
279 0.0 2.6 4.0#



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E



#86

Perylene-d12

Concen: 20.000 ng

RT: 15.44 min Scan# 2271

Delta R.T. -0.01 min

Lab File: BF120870.D

Acq: 15 Jul 2020 13:43

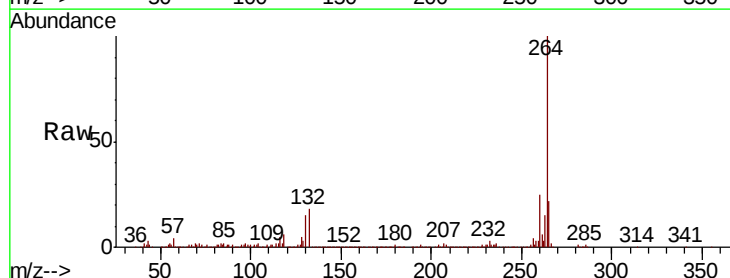
Tgt Ion:264 Resp: 520427

Ion Ratio Lower Upper

264 100

260 25.3 20.6 30.8

265 21.6 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

