

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF071020\
 Data File : BF120845.D
 Acq On : 10 Jul 2020 22:03
 Operator : JU/CG
 Sample : L3259-01 20X
 Misc :
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 T-2-DRUM

Quant Time: Jul 11 01:54:43 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF070220.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Jul 02 18:51:52 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.85	152	170544	20.00	ng	0.00
21) Naphthalene-d8	8.13	136	630106	20.00	ng	0.00
39) Acenaphthene-d10	9.89	164	288617	20.00	ng	0.00
64) Phenanthrene-d10	11.37	188	472268	20.00	ng	0.00
76) Chrysene-d12	14.01	240	362079	20.00	ng	0.00
86) Perylene-d12	15.47	264	407867	20.00	ng	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
5) 2-Fluorophenol	5.45	112	8311	0.75	ng	0.00
7) Phenol-d6	6.46	99	11857	0.84	ng	-0.01
23) Nitrobenzene-d5	7.40	82	7127	0.66	ng	-0.02
42) 2,4,6-Tribromophenol	10.67	330	2214	0.76	ng	0.00
45) 2-Fluorobiphenyl	9.20	172	17893	0.94	ng	0.00
79) Terphenyl-d14	12.96	244	16974	0.92	ng	0.00

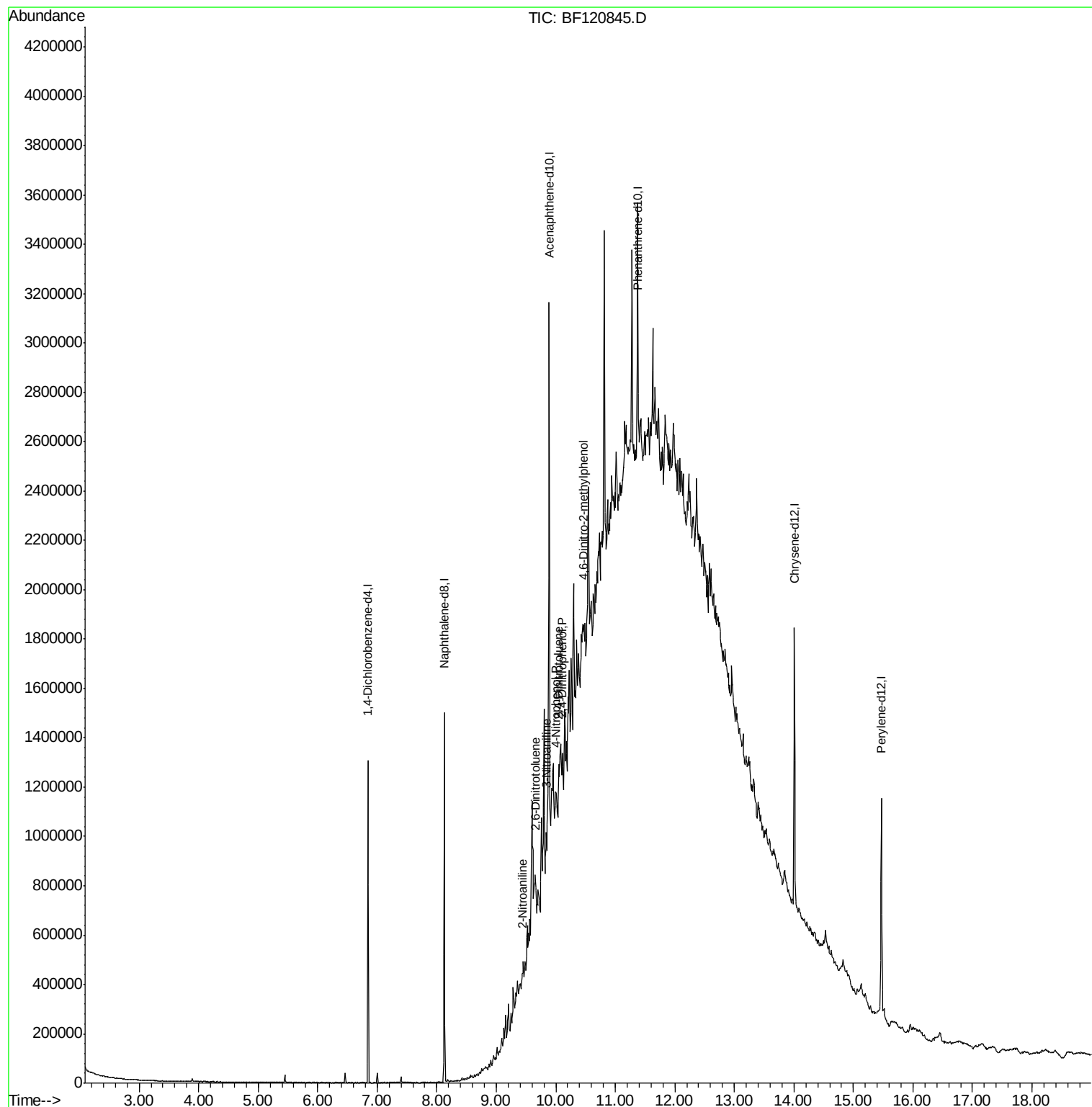
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
48) 2-Nitroaniline	9.44	65	528	2.709	ng	# 57
51) 2,6-Dinitrotoluene	9.66	165	5190	3.459	ng	# 28
53) 3-Nitroaniline	9.84	138	3719	2.856	ng	# 32
54) 2,4-Dinitrophenol	10.10	184	119	9.595	ng	# 1
56) 4-Nitrophenol	10.00	139	1254	2.407	ng	# 1
57) 2,4-Dinitrotoluene	10.05	165	3115	3.634	ng	# 29
65) 4,6-Dinitro-2-methylphenol	10.46	198	1080	7.472	ng	# 1

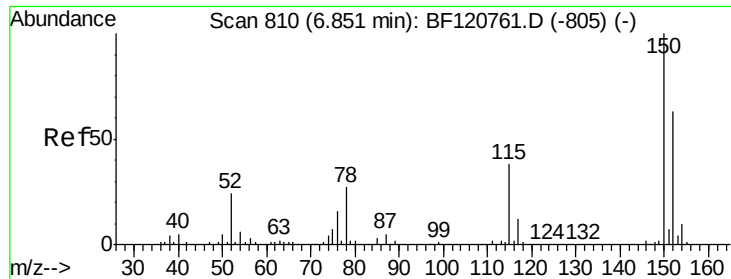
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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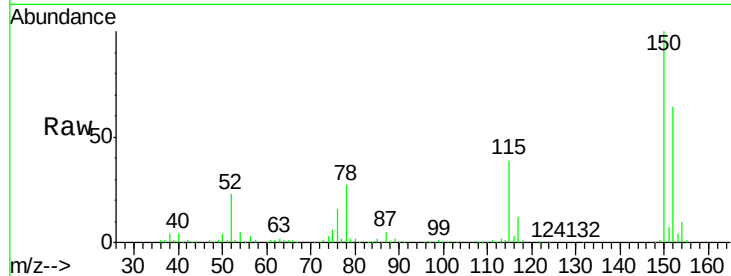


#1

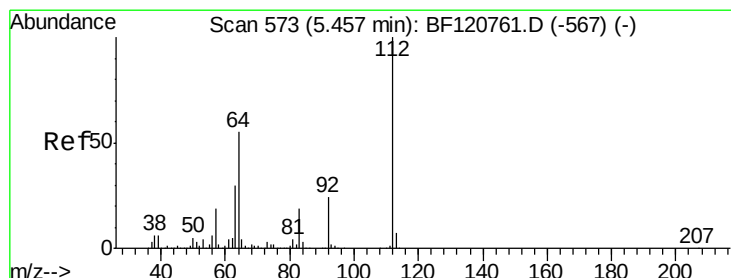
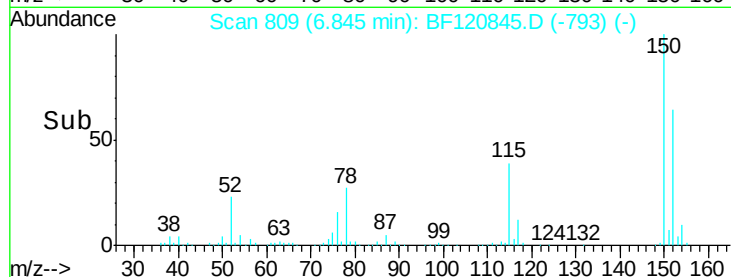
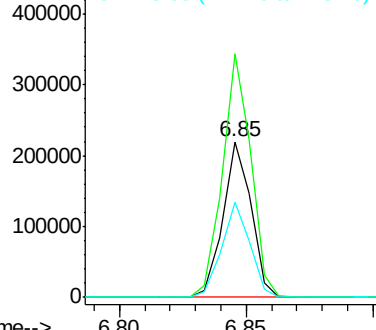
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.85 min Scan# 809
Delta R.T. -0.01 min
Lab File: BF120845.D
Acq: 10 Jul 2020 22:03

Instrument :
BNA_F
ClientSampleId :
T-2-DRUM

Tot Ion:152 Resp: 170544
Ion Ratio Lower Upper
152 100
150 156.6 126.1 189.1
115 61.1 48.5 72.7



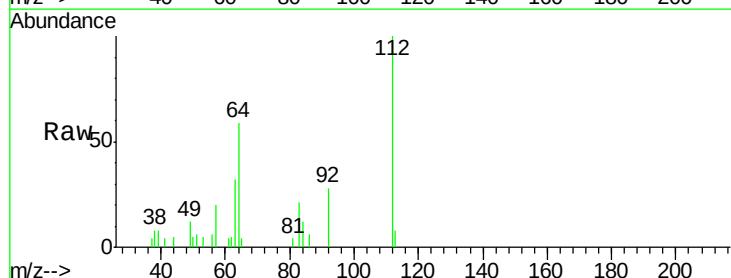
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



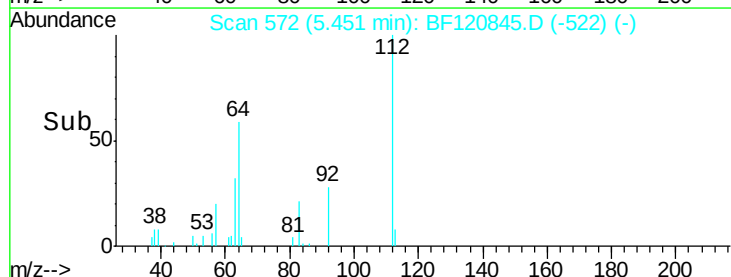
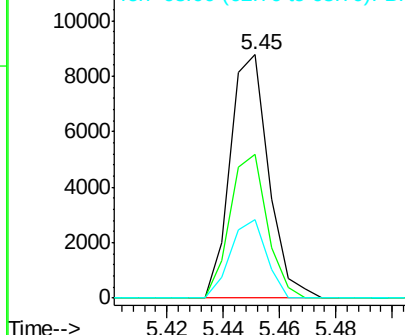
#5

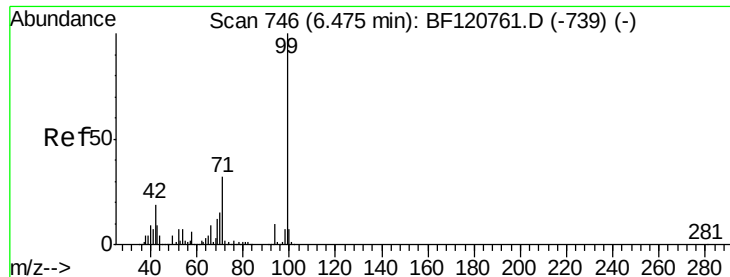
2-Fluorophenol
Concen: 0.752 ng
RT: 5.45 min Scan# 572
Delta R.T. -0.01 min
Lab File: BF120845.D
Acq: 10 Jul 2020 22:03

Tgt Ion:112 Resp: 8311
Ion Ratio Lower Upper
112 100
64 59.1 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: 0.840 ng

RT: 6.46 min Scan# 744

Delta R.T. -0.01 min

Lab File: BF120845.D

Acq: 10 Jul 2020 22:03

Instrument :

BNA_F

ClientSampleId :

T-2-DRUM

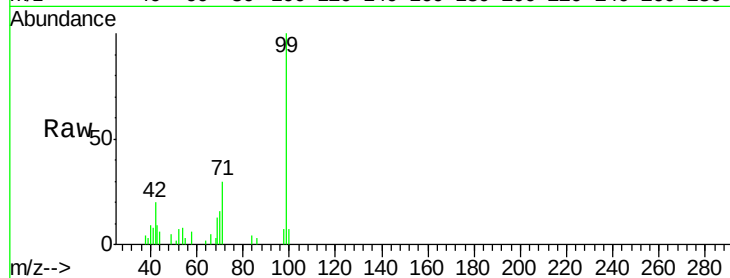
Tot Ion: 99 Resp: 11857

Ion Ratio Lower Upper

99 100

42 19.9 15.4 23.0

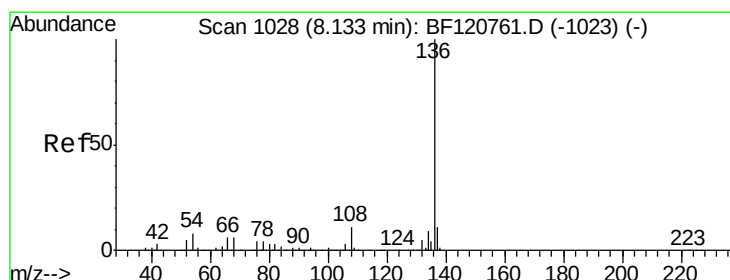
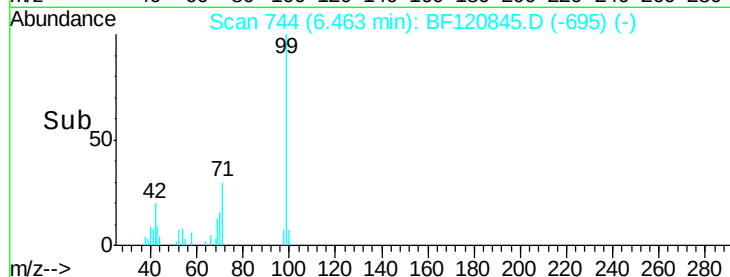
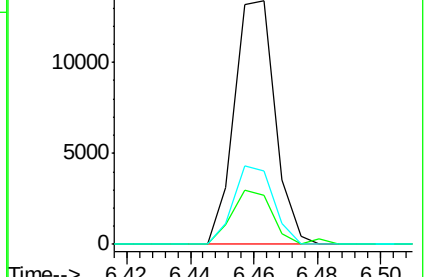
71 30.1 25.9 38.9



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



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.13 min Scan# 1027

Delta R.T. -0.01 min

Lab File: BF120845.D

Acq: 10 Jul 2020 22:03

Tgt Ion: 136 Resp: 630106

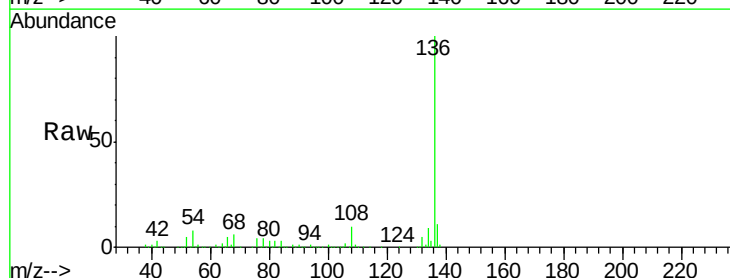
Ion Ratio Lower Upper

136 100

137 11.3 9.0 13.6

54 8.2 6.2 9.4

68 6.3 4.7 7.1

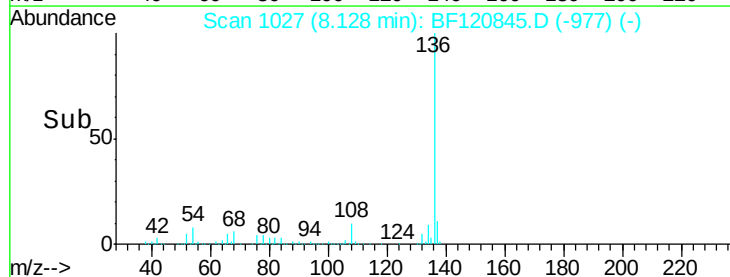
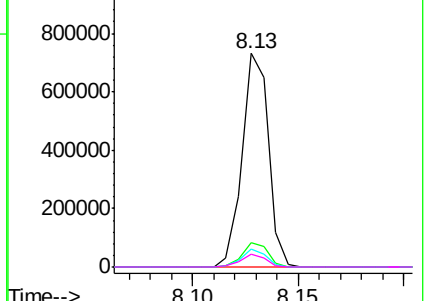


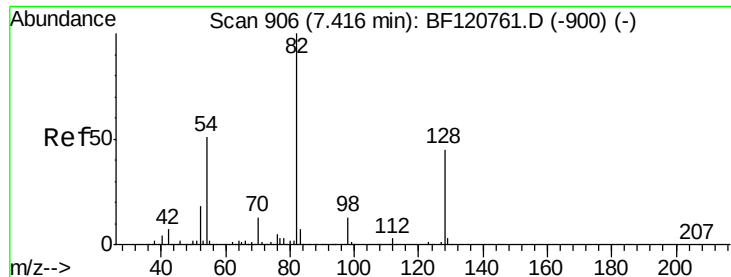
Abundance Ion 136.00 (135.70 to 136.70): E

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

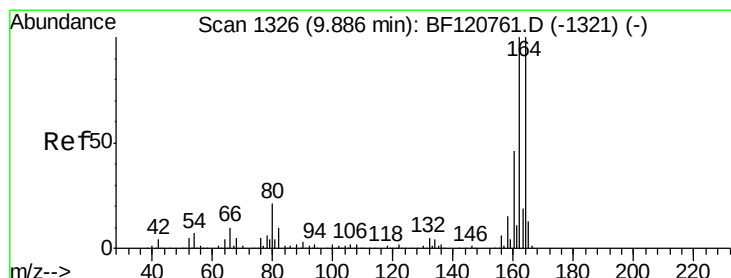
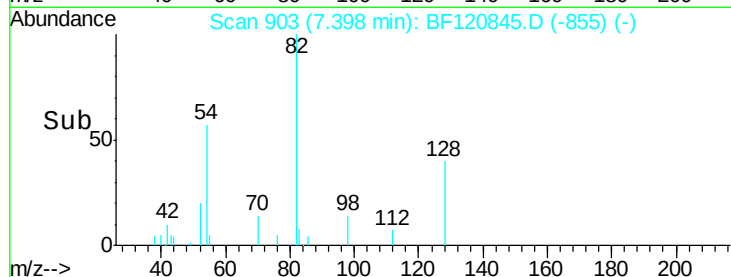
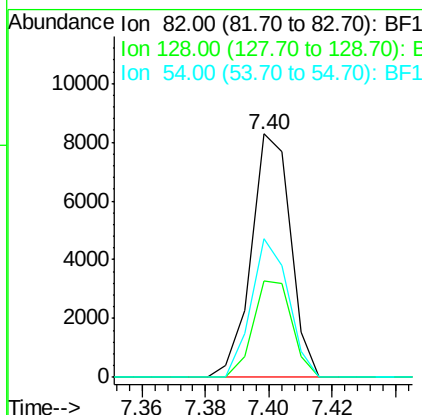
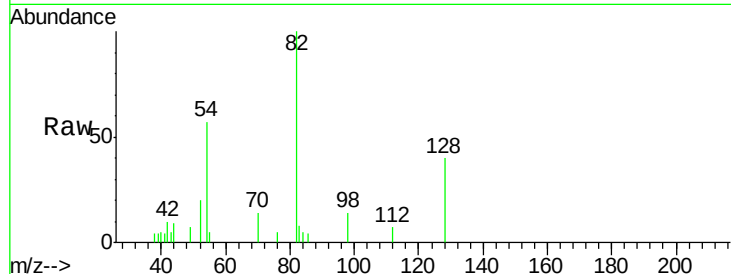




#23
 Nitrobenzene-d5
 Concen: 0.655 ng
 RT: 7.40 min Scan# 903
 Delta R.T. -0.02 min
 Lab File: BF120845.D
 Acq: 10 Jul 2020 22:03

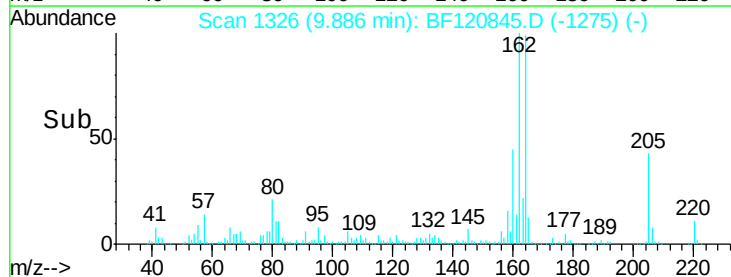
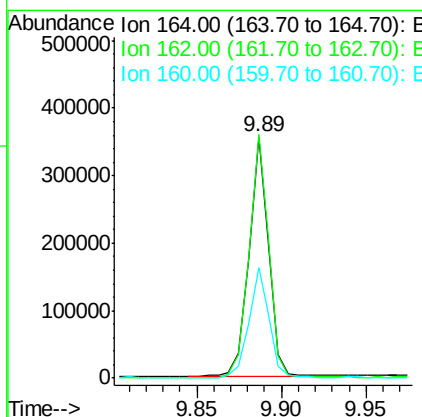
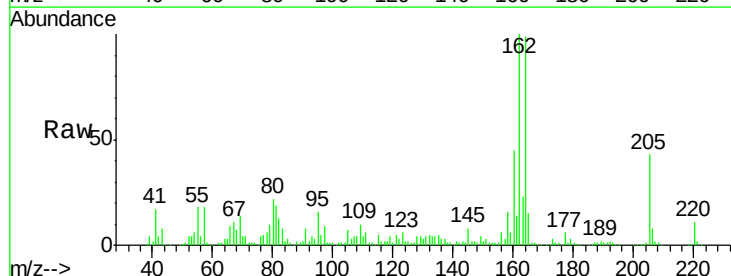
Instrument :
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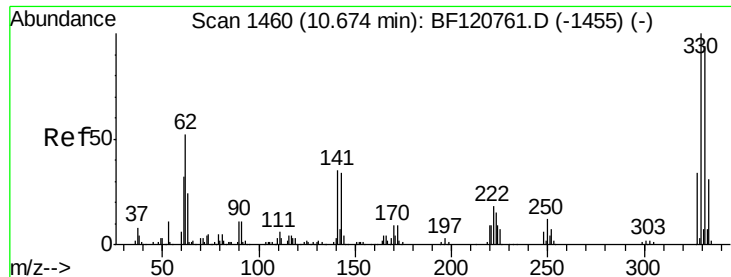
Tot Ion	82	Resp	7127
Ion	Ratio	Lower	Upper
82	100		
128	39.8	35.7	53.5
54	57.0	40.9	61.3



#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.89 min Scan# 1326
 Delta R.T. 0.00 min
 Lab File: BF120845.D
 Acq: 10 Jul 2020 22:03

Tgt Ion	164	Resp	288617
Ion	Ratio	Lower	Upper
164	100		
162	100.9	80.2	120.2
160	45.9	36.9	55.3





#42

2,4,6-Tribromophenol

Concen: 0.764 ng

RT: 10.67 min Scan# 1460

Delta R.T. 0.00 min

Lab File: BF120845.D

Acq: 10 Jul 2020 22:03

Instrument :

BNA_F

ClientSampleId :

T-2-DRUM

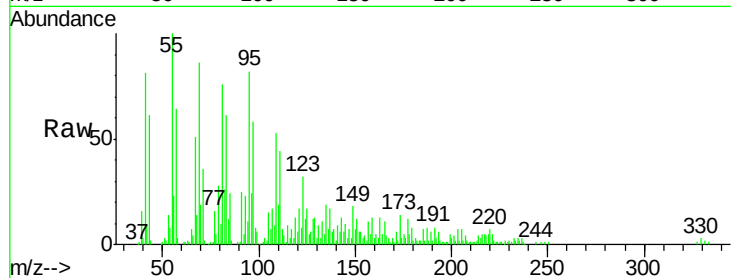
Tot Ion:330 Resp: 2214

Ion Ratio Lower Upper

330 100

332 91.8 75.8 113.6

141 64.0 29.7 44.5#

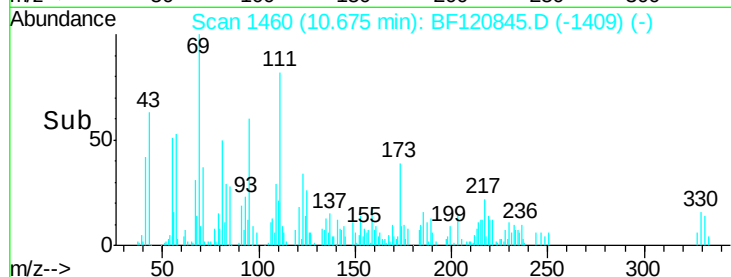


Abundance Ion 329.80 (329.50 to 330.50): E

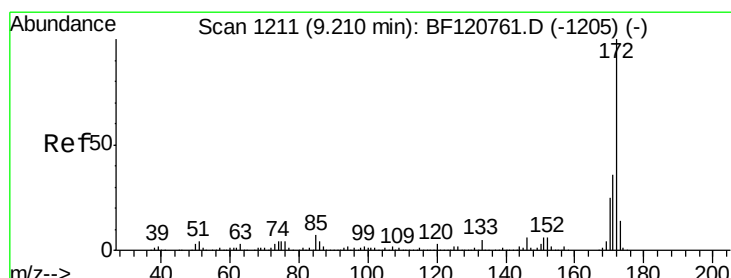
Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

Time-->



Time-->



#45

2-Fluorobiphenyl

Concen: 0.938 ng

RT: 9.20 min Scan# 1210

Delta R.T. -0.01 min

Lab File: BF120845.D

Acq: 10 Jul 2020 22:03

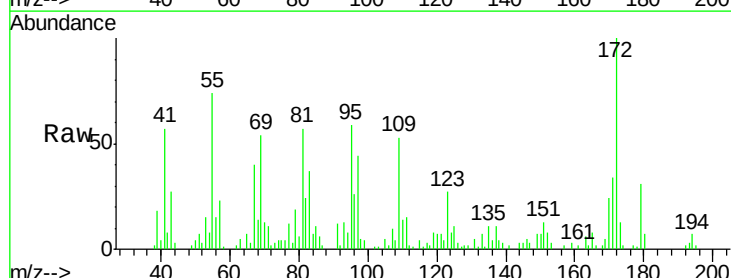
Tgt Ion:172 Resp: 17893

Ion Ratio Lower Upper

172 100

171 33.7 29.1 43.7

170 23.5 19.8 29.6

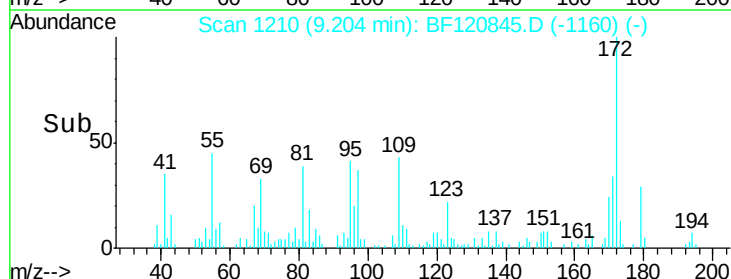


Abundance Ion 172.00 (171.70 to 172.70): E

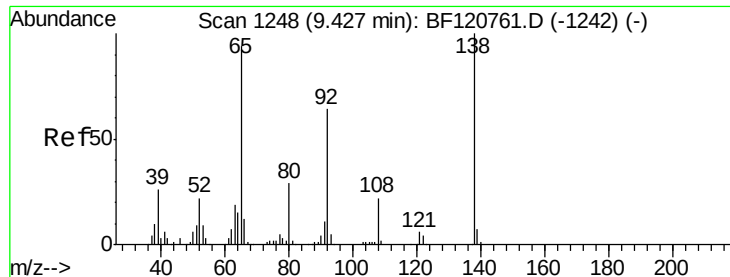
Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E

Time-->



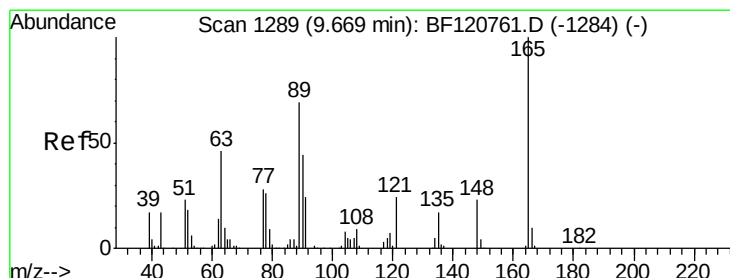
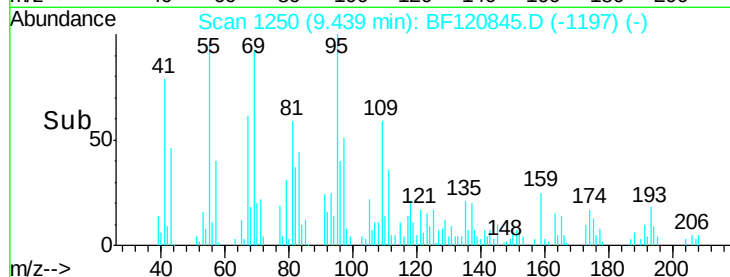
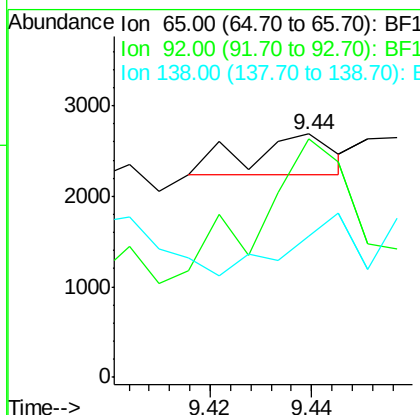
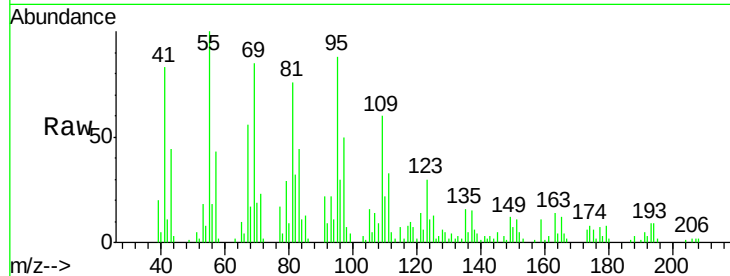
Time-->



#48
2-Nitroaniline
Concen: 2.709 ng
RT: 9.44 min Scan# 1250
Delta R.T. 0.01 min
Lab File: BF120845.D
Acq: 10 Jul 2020 22:03

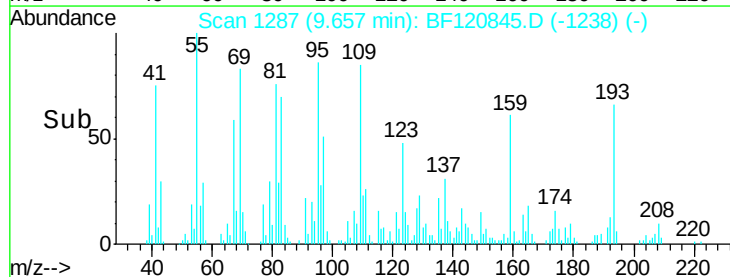
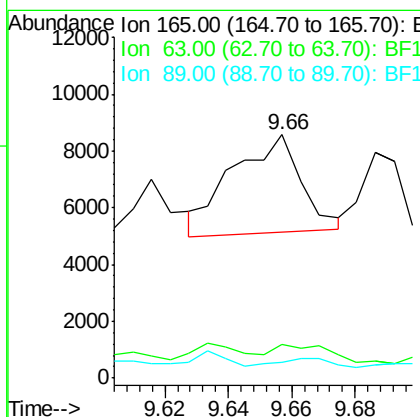
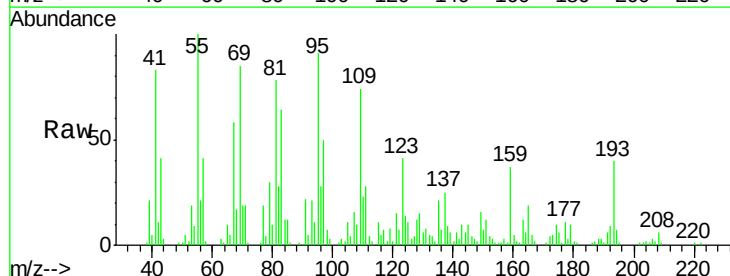
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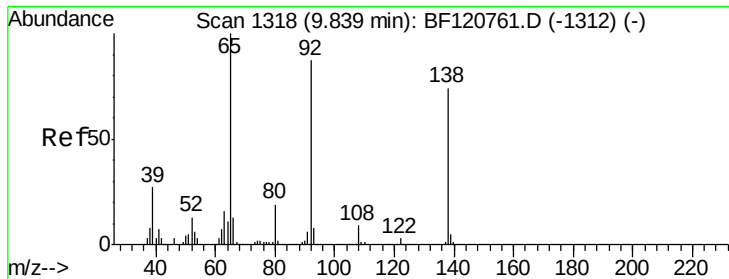
Tot Ion: 65 Resp: 528
Ion Ratio Lower Upper
65 100
92 97.7 54.4 81.6#
138 58.1 84.7 127.1#



#51
2,6-Dinitrotoluene
Concen: 3.459 ng
RT: 9.66 min Scan# 1287
Delta R.T. -0.01 min
Lab File: BF120845.D
Acq: 10 Jul 2020 22:03

Tgt Ion: 165 Resp: 5190
Ion Ratio Lower Upper
165 100
63 13.7 54.0 81.0#
89 6.6 55.4 83.2#

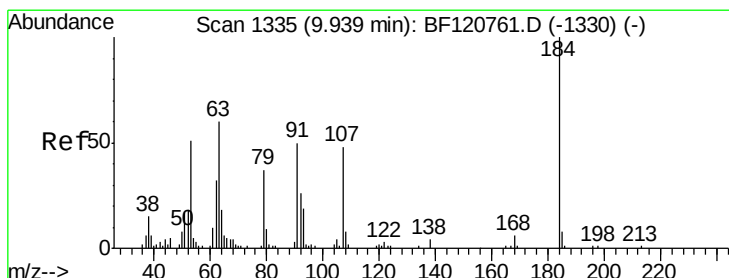
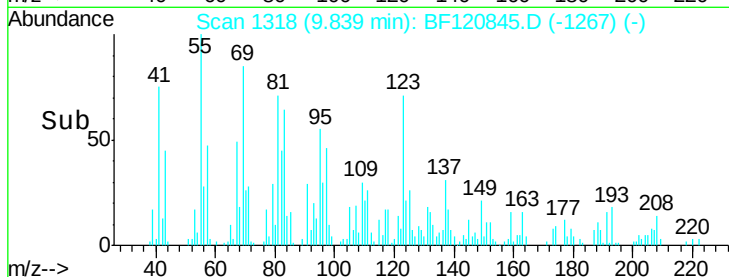
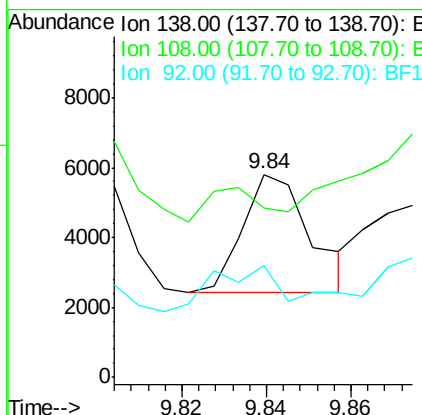
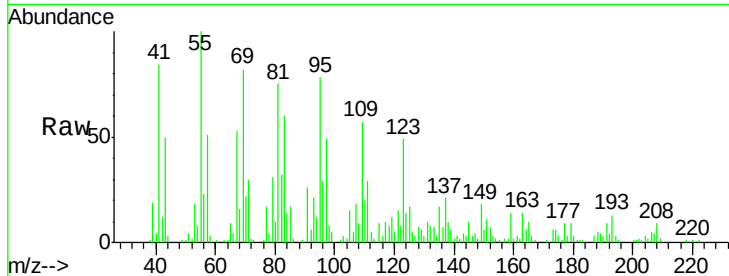




#53
 3-Nitroaniline
 Concen: 2.856 ng
 RT: 9.84 min Scan# 1318
 Delta R.T. 0.00 min
 Lab File: BF120845.D
 Acq: 10 Jul 2020 22:03

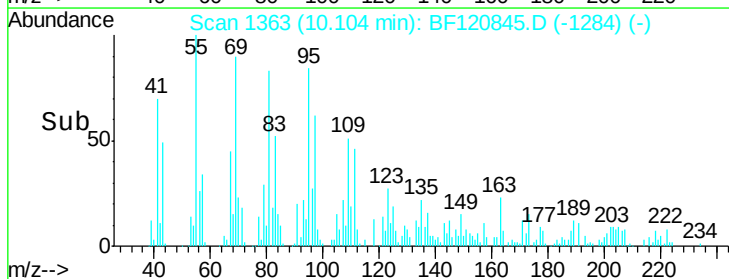
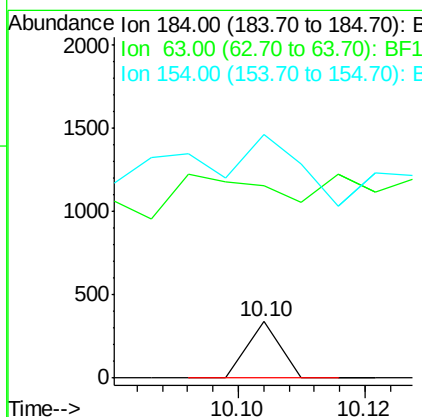
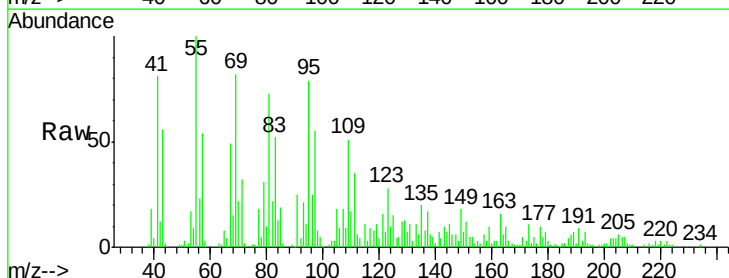
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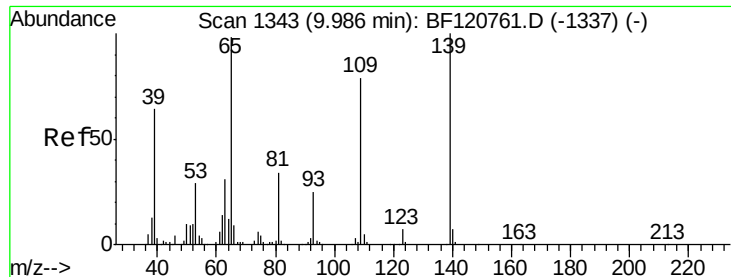
Tot Ion:138 Resp: 3719
 Ion Ratio Lower Upper
 138 100
 108 83.7 9.8 14.6#
 92 55.4 93.4 140.2#



#54
 2,4-Dinitrophenol
 Concen: 9.595 ng
 RT: 10.10 min Scan# 1363
 Delta R.T. 0.16 min
 Lab File: BF120845.D
 Acq: 10 Jul 2020 22:03

Tgt Ion:184 Resp: 119
 Ion Ratio Lower Upper
 184 100
 63 340.8 57.3 85.9#
 154 432.5 55.8 83.6#

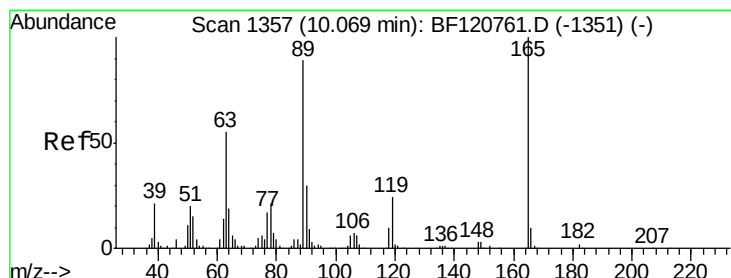
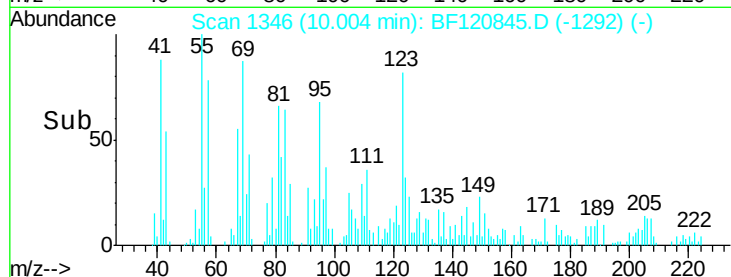
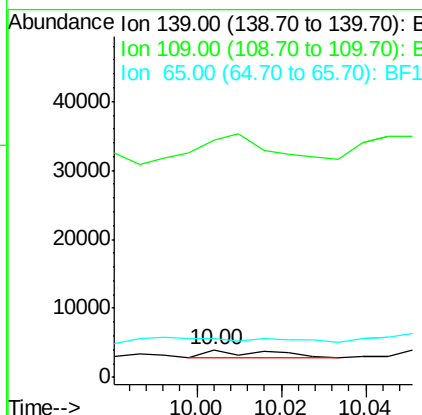
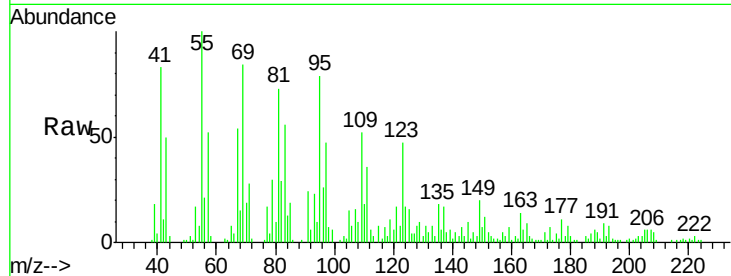




#56
4-Nitrophenol
Concen: 2.407 ng
RT: 10.00 min Scan# 1346
Delta R.T. 0.02 min
Lab File: BF120845.D
Acq: 10 Jul 2020 22:03

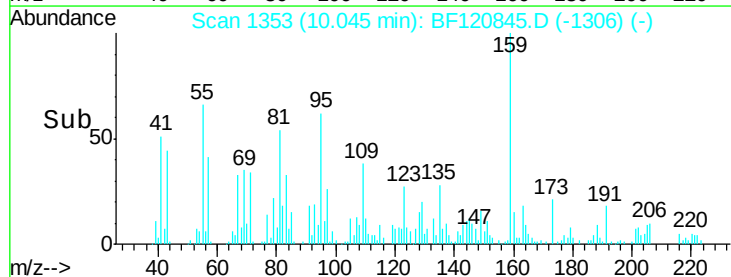
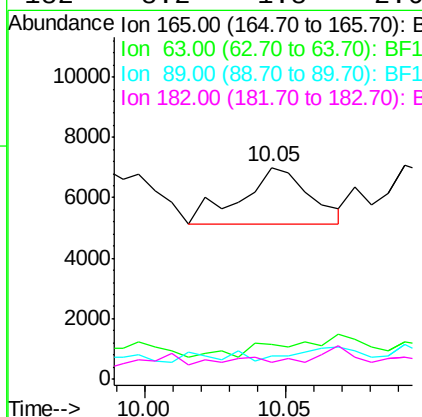
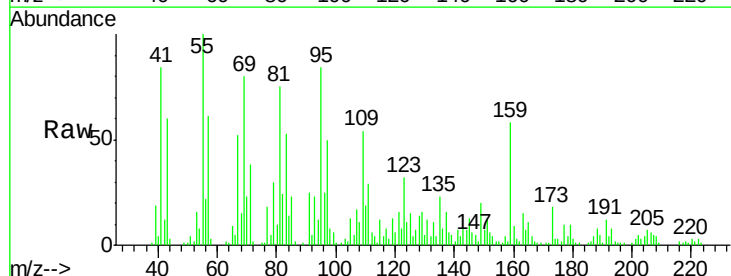
Instrument :
BNA_F
ClientSampleId :
T-2-DRUM

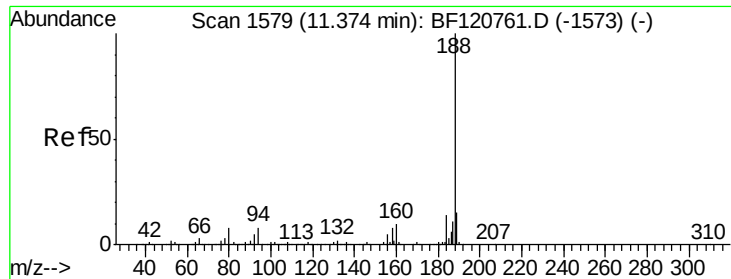
Tot Ion:139 Resp: 1254
Ion Ratio Lower Upper
139 100
109 869.5 58.6 98.6#
65 140.2 78.7 118.7#



#57
2,4-Dinitrotoluene
Concen: 3.634 ng
RT: 10.05 min Scan# 1353
Delta R.T. -0.02 min
Lab File: BF120845.D
Acq: 10 Jul 2020 22:03

Tgt Ion:165 Resp: 3115
Ion Ratio Lower Upper
165 100
63 16.2 43.8 65.8#
89 11.0 71.4 107.2#
182 8.2 1.8 2.6#

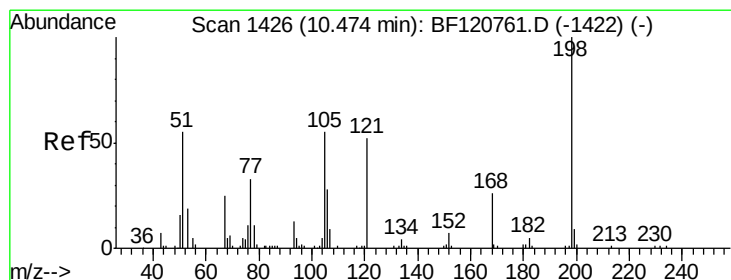
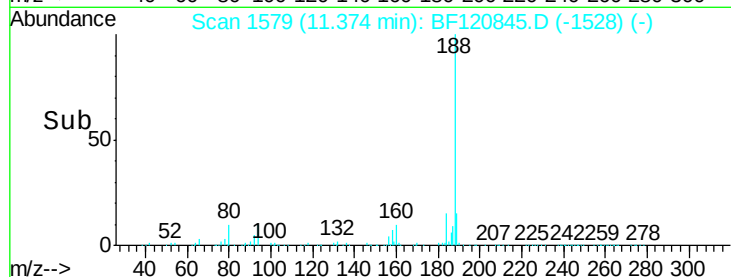
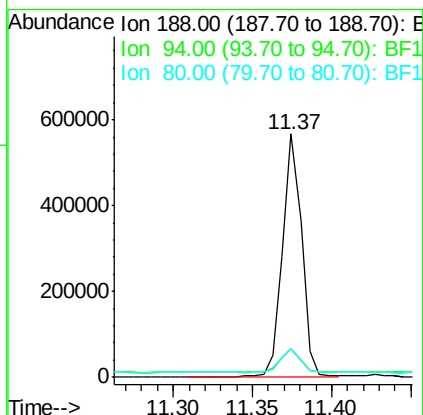
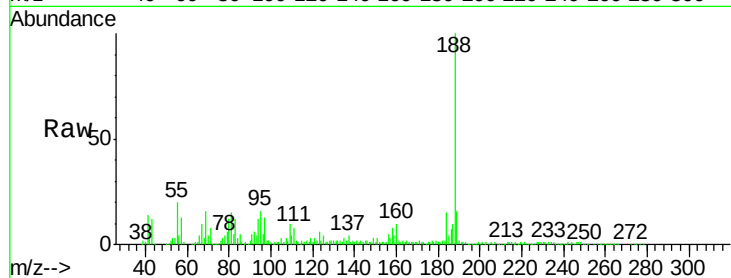




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.37 min Scan# 1579
Delta R.T. 0.00 min
Lab File: BF120845.D
Acq: 10 Jul 2020 22:03

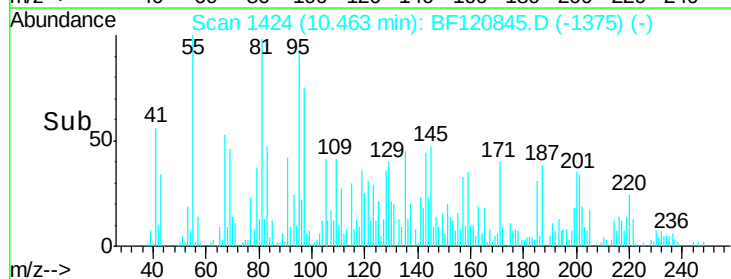
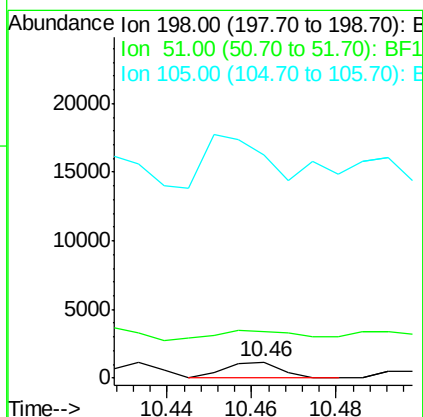
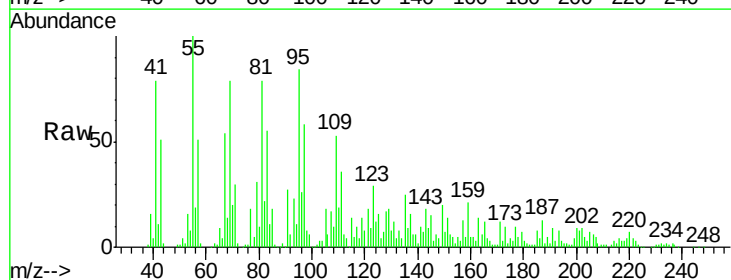
Instrument :
BNA_F
ClientSampleId :
T-2-DRUM

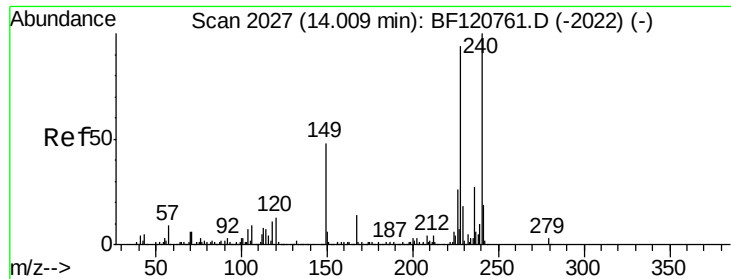
Tot Ion:188 Resp: 472268
Ion Ratio Lower Upper
188 100
94 11.7 6.6 9.8#
80 11.8 6.6 10.0#



#65
4,6-Dinitro-2-methylphenol
Concen: 7.472 ng
RT: 10.46 min Scan# 1424
Delta R.T. -0.01 min
Lab File: BF120845.D
Acq: 10 Jul 2020 22:03

Tgt Ion:198 Resp: 1080
Ion Ratio Lower Upper
198 100
51 289.8 50.0 90.0#
105 1388.0 38.3 78.3#

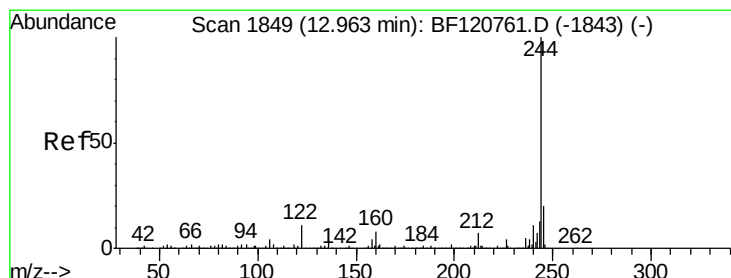
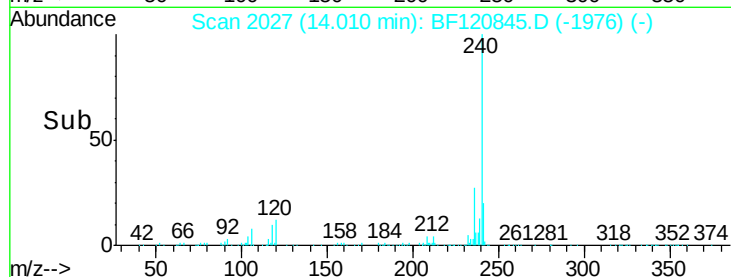
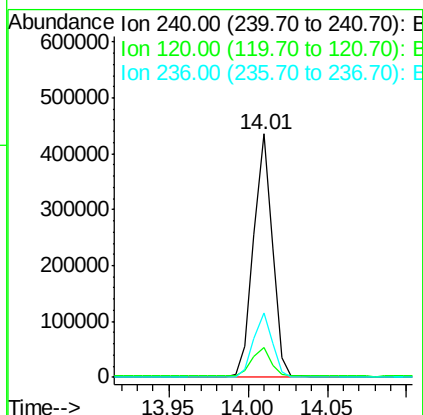
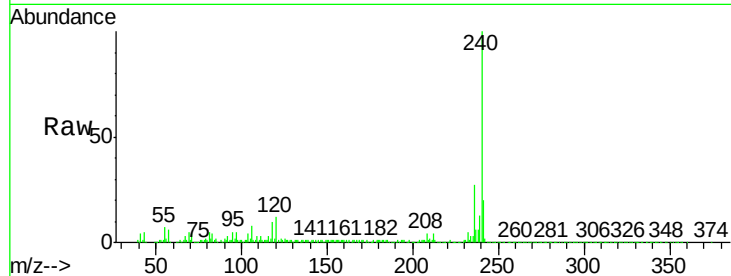




#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.01 min Scan# 2027
Delta R.T. 0.00 min
Lab File: BF120845.D
Acq: 10 Jul 2020 22:03

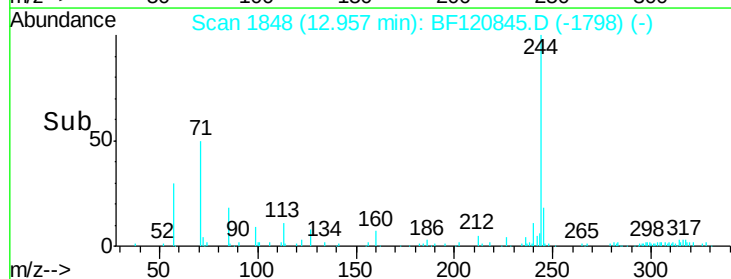
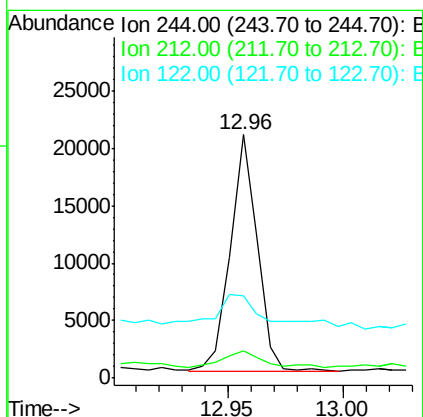
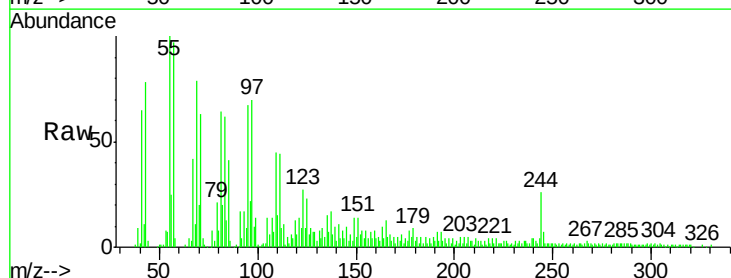
Instrument :
BNA_F
ClientSampleId :
T-2-DRUM

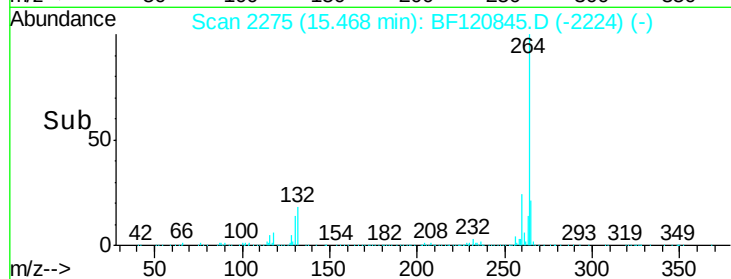
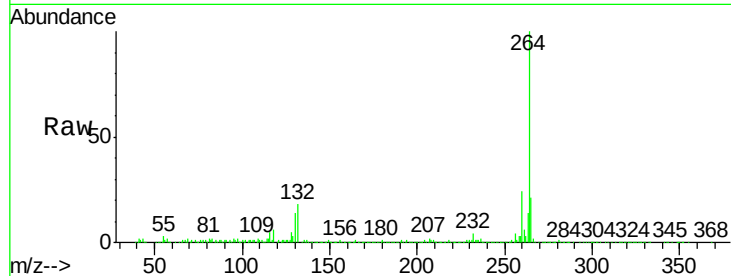
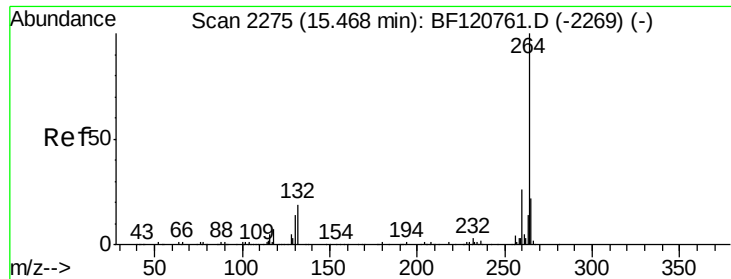
Tot Ion:240 Resp: 362079
Ion Ratio Lower Upper
240 100
120 12.2 10.3 15.5
236 26.7 21.4 32.2



#79
Terphenyl-d14
Concen: 0.918 ng
RT: 12.96 min Scan# 1848
Delta R.T. -0.01 min
Lab File: BF120845.D
Acq: 10 Jul 2020 22:03

Tgt Ion:244 Resp: 16974
Ion Ratio Lower Upper
244 100
212 11.5 5.6 8.4#
122 33.8 9.0 13.4#





#86
Pervlene-d12
Concen: 20.000 ng
RT: 15.47 min Scan# 2275
Delta R.T. 0.00 min
Lab File: BF120845.D
Acq: 10 Jul 2020 22:03

Instrument :
BNA_F
ClientSampleId :
T-2-DRUM

Tot Ion	Ratio	Lower	Upper
264	100		
260	24.3	20.6	30.8
265	21.3	17.6	26.4

