

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF071020\
 Data File : BF120819.D
 Acq On : 10 Jul 2020 8:50
 Operator : JU/CG
 Sample : SSTDCCC040
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Manual Integrations
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 7/13/2020 1:04:17 PM

Quant Time: Jul 10 11:03:58 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	146584	20.00	ng	0.00
21) Naphthalene-d8	8.13	136	527603	20.00	ng	0.00
39) Acenaphthene-d10	9.89	164	254564	20.00	ng	0.00
64) Phenanthrene-d10	11.37	188	443246	20.00	ng	0.00
76) Chrysene-d12	14.01	240	334978	20.00	ng	0.00
86) Perylene-d12	15.46	264	279722	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.46	112	716100	75.41	ng	0.00
7) Phenol-d6	6.47	99	903745	74.53	ng	0.00
23) Nitrobenzene-d5	7.41	82	762843	83.77	ng	0.00
42) 2,4,6-Tribromophenol	10.67	330	211374	82.65	ng	0.00
45) 2-Fluorobiphenyl	9.21	172	1322104	78.58	ng	0.00
79) Terphenyl-d14	12.96	244	1350312	78.92	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.59	88	165433	38.138	ng	99
3) Pyridine	3.33	79	448910	37.782	ng	99
4) n-Nitrosodimethylamine	3.28	42	216589	36.439	ng	# 99
6) Aniline	6.51	93	575743	36.968	ng	98
8) 2-Chlorophenol	6.63	128	384414	38.023	ng	98
9) Benzaldehyde	6.40	77	239567	33.217	ng	97
10) Phenol	6.49	94	463984m	37.194	ng	
11) bis(2-Chloroethyl)ether	6.59	93	379478	37.382	ng	98
12) 1,3-Dichlorobenzene	6.79	146	418251	37.585	ng	99
13) 1,4-Dichlorobenzene	6.87	146	420543	37.731	ng	99
14) 1,2-Dichlorobenzene	7.02	146	399735	37.696	ng	99
15) Benzyl Alcohol	6.99	79	332464	36.489	ng	99
16) 2,2'-oxybis(1-Chloropropan	7.13	45	578101	36.511	ng	99
17) 2-Methylphenol	7.09	107	338905	37.472	ng	98
18) Hexachloroethane	7.36	117	159823	38.151	ng	97
19) n-Nitroso-di-n-propylamine	7.26	70	262617	35.967	ng	96
20) 3+4-Methylphenols	7.25	107	419034	37.617	ng	93
22) Acetophenone	7.26	105	506210	38.600	ng	# 95
24) Nitrobenzene	7.43	77	417088	40.792	ng	97
25) Isophorone	7.67	82	725154	36.925	ng	98
26) 2-Nitrophenol	7.75	139	162496	38.646	ng	96
27) 2,4-Dimethylphenol	7.78	122	298568	38.085	ng	99
28) bis(2-Chloroethoxy)methane	7.88	93	446074	38.378	ng	99
29) 2,4-Dichlorophenol	7.99	162	305279	39.007	ng	99
30) 1,2,4-Trichlorobenzene	8.07	180	346256	39.390	ng	98
31) Naphthalene	8.16	128	1091416	38.708	ng	99
32) Benzoic acid	7.89	122	184821	34.631	ng	99
33) 4-Chloroaniline	8.20	127	453889	37.935	ng	97
34) Hexachlorobutadiene	8.27	225	210941	39.900	ng	100
35) Caprolactam	8.57	113	82701	36.265	ng	96
36) 4-Chloro-3-methylphenol	8.67	107	305509	37.527	ng	97
37) 2-Methylnaphthalene	8.85	142	701304	38.261	ng	99
38) 1-Methylnaphthalene	8.95	142	658201	38.336	ng	99
40) 1,2,4,5-Tetrachlorobenzene	9.01	216	315123	40.959	ng	99

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 SSTDC040

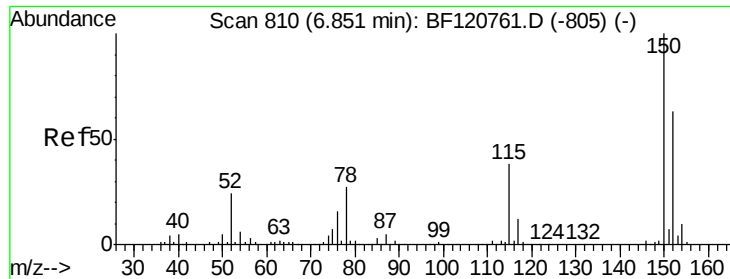
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 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF070220.M
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	9.00	237	173424	38.152	ng	97
43) 2,4,6-Trichlorophenol	9.12	196	202700	38.665	ng	99
44) 2,4,5-Trichlorophenol	9.16	196	233294	40.099	ng	98
46) 1,1'-Biphenyl	9.31	154	819871	39.928	ng	99
47) 2-Chloronaphthalene	9.33	162	654968	39.815	ng	98
48) 2-Nitroaniline	9.42	65	204517	41.874	ng	95
49) Acenaphthylene	9.75	152	993477	38.520	ng	99
50) Dimethylphthalate	9.61	163	721098	38.831	ng	99
51) 2,6-Dinitrotoluene	9.67	165	147825	40.431	ng	86
52) Acenaphthene	9.92	154	627937	39.246	ng	98
53) 3-Nitroaniline	9.83	138	181360	40.424	ng	98
54) 2,4-Dinitrophenol	9.93	184	46104	37.501	ng	# 81
55) Dibenzofuran	10.09	168	902517	39.132	ng	97
56) 4-Nitrophenol	9.98	139	128407	38.810	ng	93
57) 2,4-Dinitrotoluene	10.07	165	192229	42.211	ng	# 84
58) Fluorene	10.43	166	673298	39.221	ng	100
59) 2,3,4,6-Tetrachlorophenol	10.20	232	166694m	38.502	ng	
60) Diethylphthalate	10.31	149	745230	38.524	ng	99
61) 4-Chlorophenyl-phenylether	10.43	204	346677	40.172	ng	96
62) 4-Nitroaniline	10.45	138	171350	43.429	ng	97
63) Azobenzene	10.59	77	748137	37.807	ng	99
65) 4,6-Dinitro-2-methylphenol	10.47	198	68272	38.288	ng	80
66) n-Nitrosodiphenylamine	10.55	169	597868	40.243	ng	99
67) 4-Bromophenyl-phenylether	10.92	248	207098	40.278	ng	96
68) Hexachlorobenzene	10.98	284	220352	40.841	ng	92
69) Atrazine	11.07	200	140967	36.831	ng	98
70) Pentachlorophenol	11.17	266	118415	38.792	ng	98
71) Phenanthrene	11.39	178	962405	40.017	ng	100
72) Anthracene	11.45	178	957497	39.399	ng	99
73) Carbazole	11.60	167	919357	39.366	ng	99
74) Di-n-butylphthalate	11.93	149	1114609	38.549	ng	100
75) Fluoranthene	12.58	202	997685	38.942	ng	100
77) Benzidine	12.70	184	331376	35.048	ng	99
78) Pyrene	12.81	202	1030842	38.531	ng	100
80) Butylbenzylphthalate	13.43	149	420426	36.400	ng	97
81) Benzo(a)anthracene	14.00	228	859246	40.016	ng	99
82) 3,3'-Dichlorobenzidine	13.96	252	271752	37.502	ng	99
83) Chrysene	14.03	228	854378	39.008	ng	99
84) Bis(2-ethylhexyl)phthalate	13.99	149	578769	38.212	ng	100
85) Di-n-octyl phthalate	14.61	149	932341	34.794	ng	100
87) Indeno(1,2,3-cd)pyrene	16.92	276	725846	40.456	ng	99
88) Benzo(b)fluoranthene	15.04	252	725204	39.436	ng	98
89) Benzo(k)fluoranthene	15.07	252	737854	41.234	ng	100
90) Benzo(a)pyrene	15.40	252	655919	39.984	ng	99
91) Dibenzo(a,h)anthracene	16.94	278	609220	40.740	ng	99
92) Benzo(g,h,i)perylene	17.36	276	551197	40.331	ng	99

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



#1

1,4-Dichlorobenzene-d4

Concen: 20.000 ng

RT: 6.85 min Scan# 809

Delta R.T. -0.01 min

Lab File: BF120819.D

Acq: 10 Jul 2020 8:50

Instrument :

BNA_F

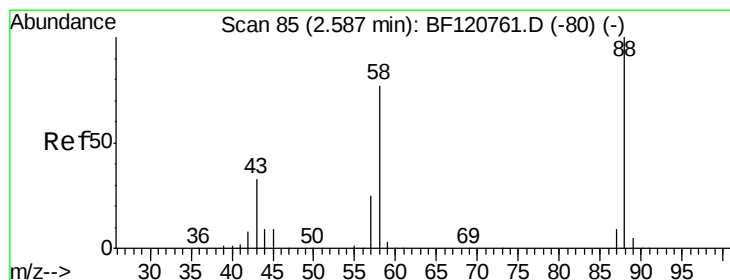
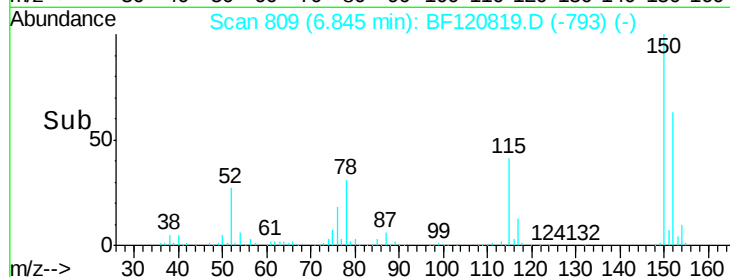
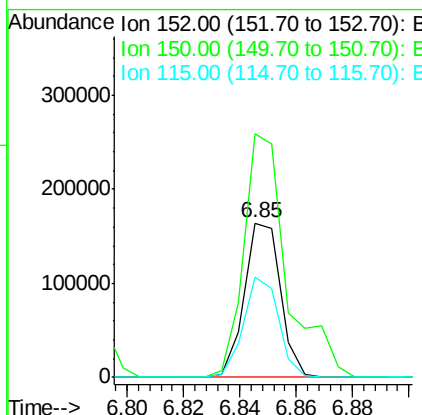
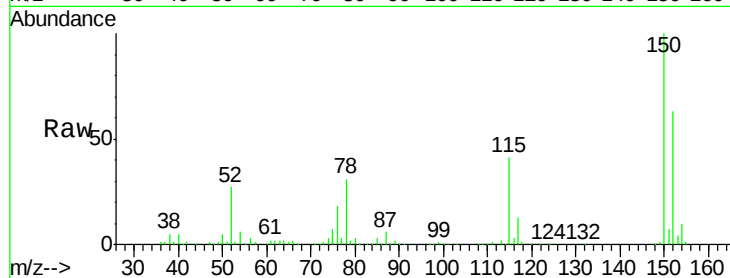
ClientSampleId :

SSTDCCC040

Tot Ion	Ratio	Lower	Upper
152	100		
150	157.9	126.1	189.1
115	64.9	48.5	72.7

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#2

1,4-Dioxane

Concen: 38.138 ng

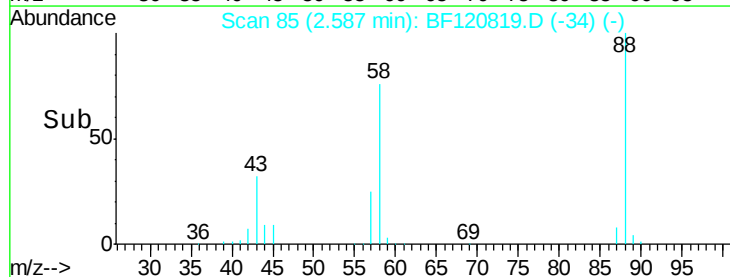
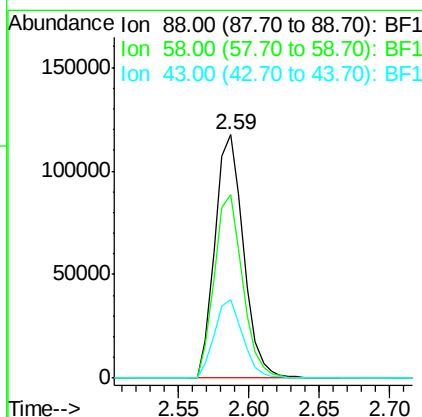
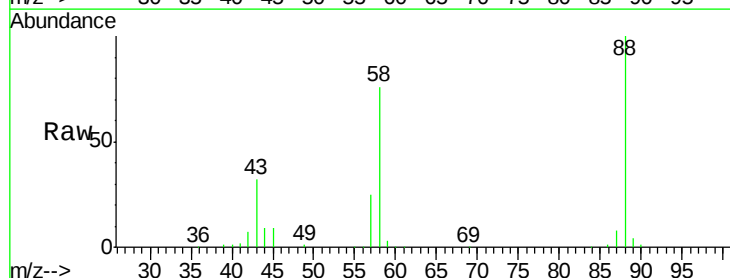
RT: 2.59 min Scan# 85

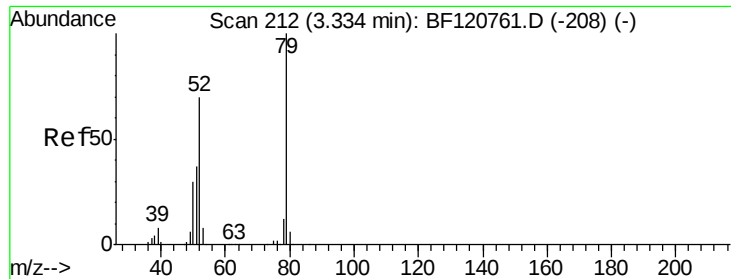
Delta R.T. 0.00 min

Lab File: BF120819.D

Acq: 10 Jul 2020 8:50

Tgt Ion	Ratio	Lower	Upper
88	100		
58	74.6	60.4	90.6
43	31.9	26.3	39.5





#3

Pvridine

Concen: 37.782 ng

RT: 3.33 min Scan# 211

Delta R.T. -0.01 min

Lab File: BF120819.D

Acq: 10 Jul 2020 8:50

Instrument :

BNA_F

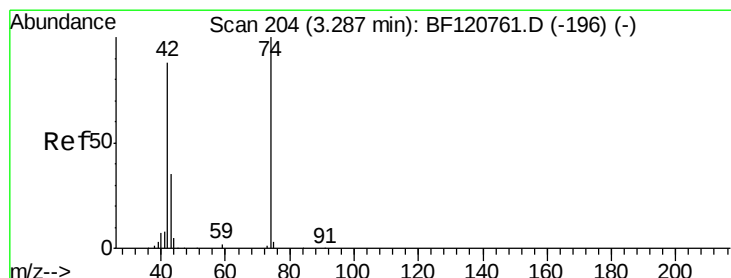
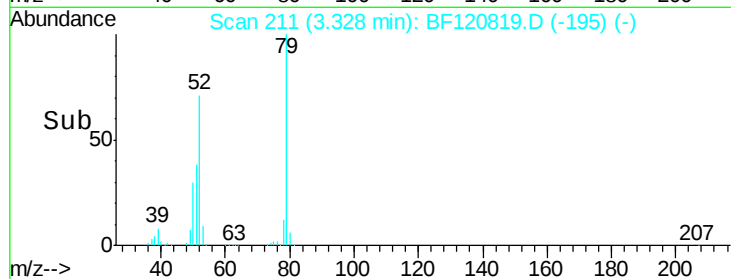
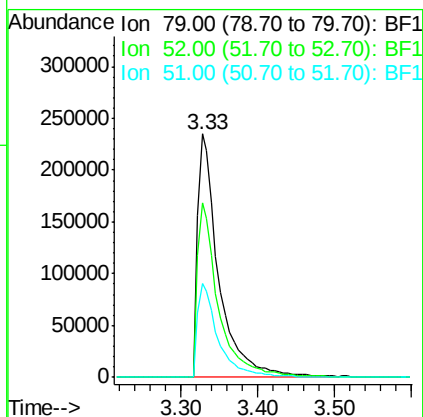
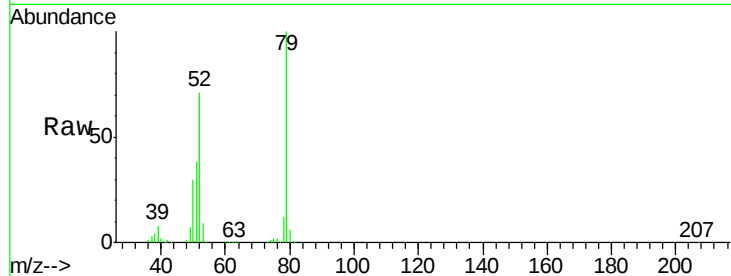
ClientSampleId :

SSTDCCC040

Tot Ion:	79	Resp:	448910
Ion Ratio	Lower	Upper	
79	100		
52	71.4	56.3	84.5
51	38.5	30.1	45.1

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#4

n-Nitrosodimethylamine

Concen: 36.439 ng

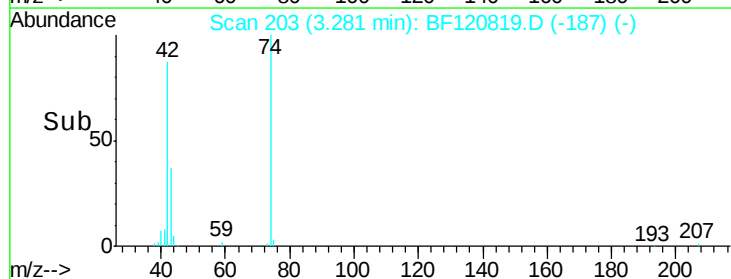
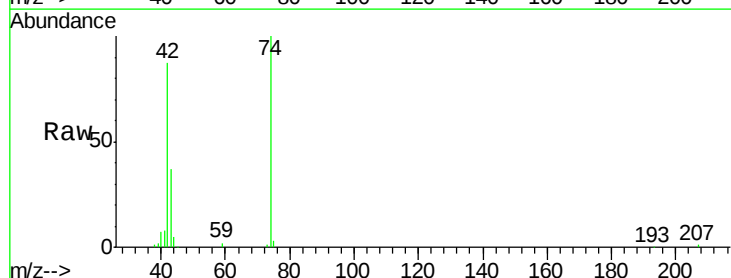
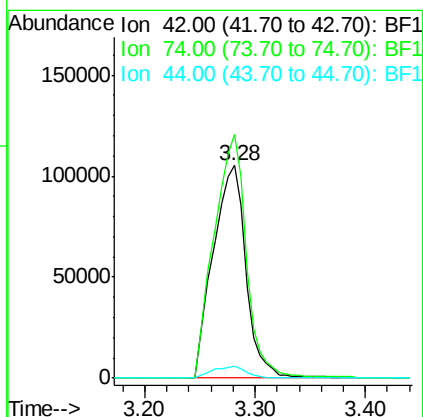
RT: 3.28 min Scan# 203

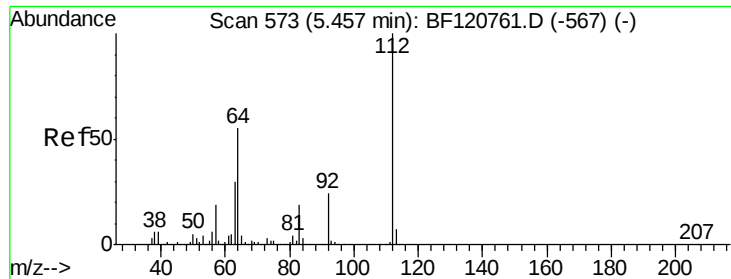
Delta R.T. -0.01 min

Lab File: BF120819.D

Acq: 10 Jul 2020 8:50

Tgt Ion:	42	Resp:	216589
Ion Ratio	Lower	Upper	
42	100		
74	114.6	90.8	136.2
44	5.5	5.8	8.8#





#5

2-Fluorophenol

Concen: 75.411 ng

RT: 5.46 min Scan# 573

Delta R.T. 0.00 min

Lab File: BF120819.D

Acq: 10 Jul 2020 8:50

Instrument :

BNA_F

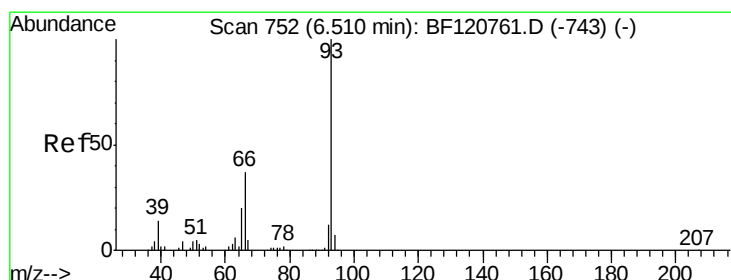
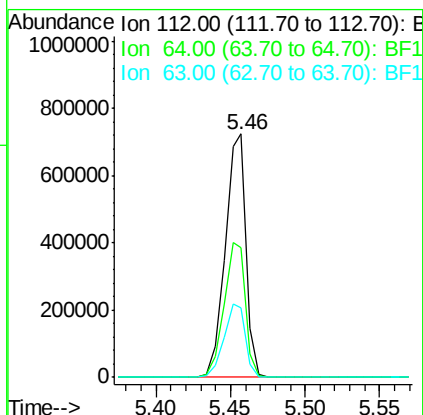
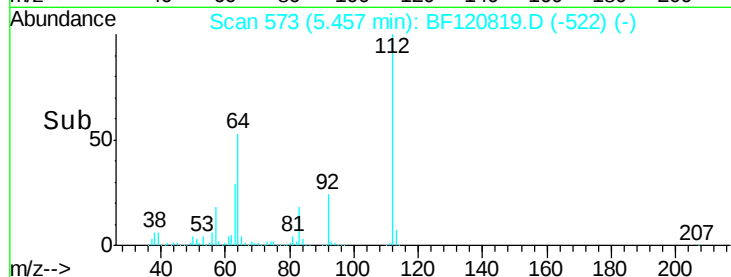
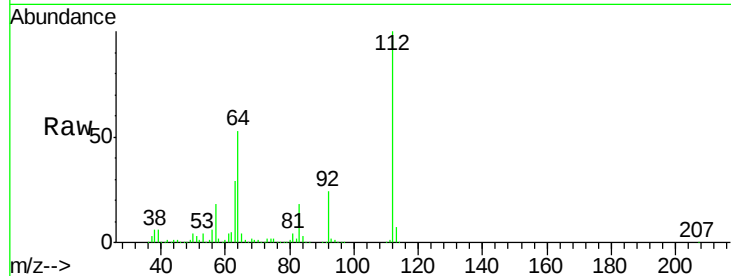
ClientSampleId :

SSTDCCC040

Tot Ion	Ratio	Resp Lower	Upper
112	100		
64	53.3	43.8	65.6
63	28.5	23.6	35.4

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#6

Aniline

Concen: 36.968 ng

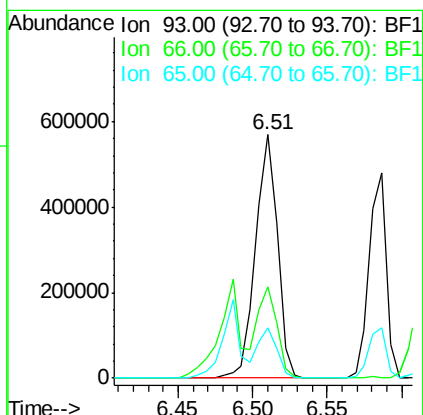
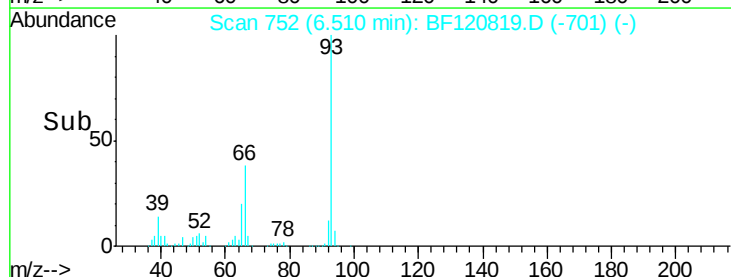
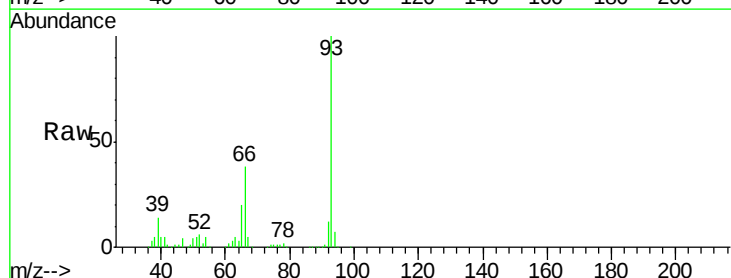
RT: 6.51 min Scan# 752

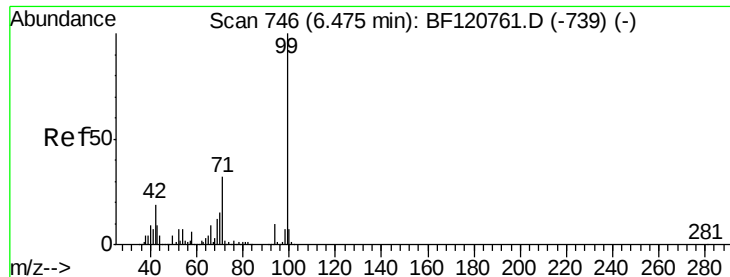
Delta R.T. 0.00 min

Lab File: BF120819.D

Acq: 10 Jul 2020 8:50

Tgt Ion	Ratio	Resp Lower	Upper
93	100		
66	37.6	31.3	46.9
65	20.4	16.5	24.7





#7

Phenol-d6

Concen: 74.525 ng

RT: 6.47 min Scan# 746

Delta R.T. 0.00 min

Lab File: BF120819.D

Acq: 10 Jul 2020 8:50

Instrument :

BNA_F

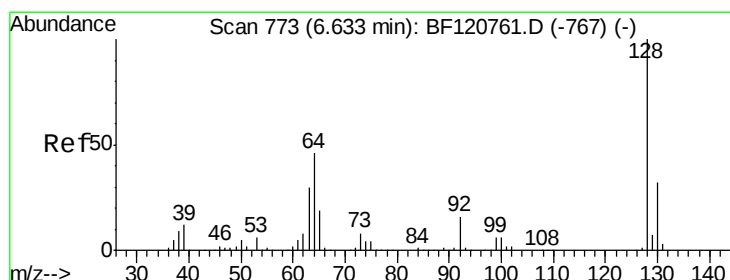
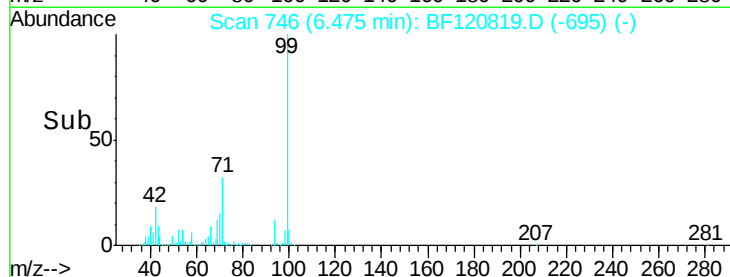
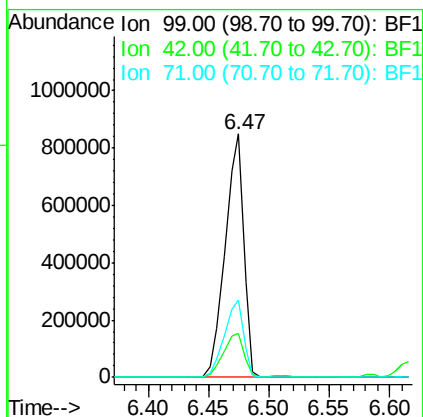
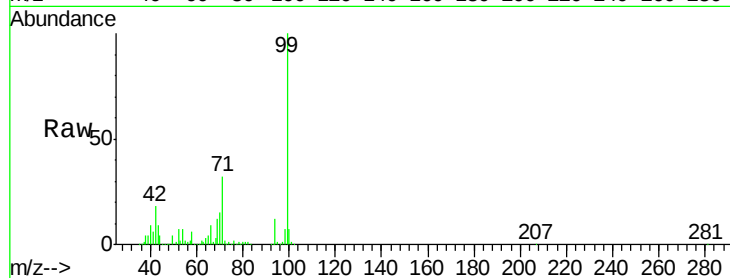
ClientSampleId :

SSTDCCC040

Tot Ion:	99	Resp:	903745
Ion Ratio	Lower	Upper	
99	100		
42	18.2	15.4	23.0
71	31.9	25.9	38.9

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#8

2-Chlorophenol

Concen: 38.023 ng

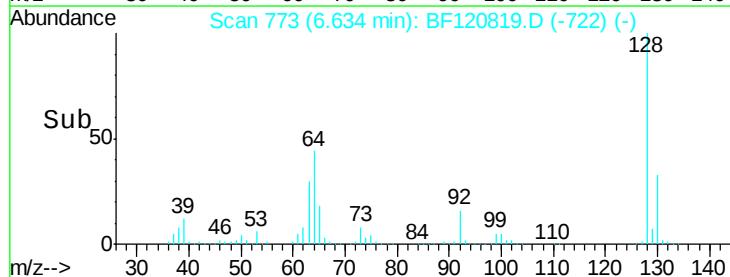
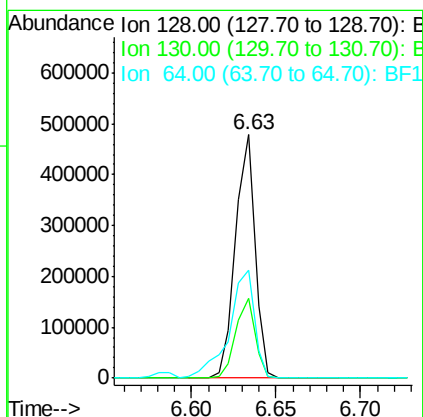
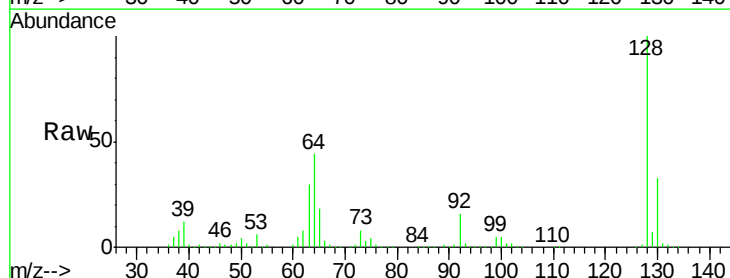
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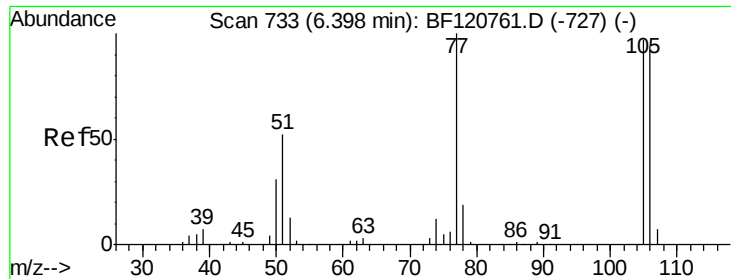
Delta R.T. 0.00 min

Lab File: BF120819.D

Acq: 10 Jul 2020 8:50

Tgt Ion:	128	Resp:	384414
Ion Ratio	Lower	Upper	
128	100		
130	32.9	12.1	52.1
64	44.4	26.3	66.3





#9

Benzaldehyde

Concen: 33.217 ng

RT: 6.40 min Scan# 733

Delta R.T. 0.00 min

Lab File: BF120819.D

Acq: 10 Jul 2020 8:50

Instrument :

BNA_F

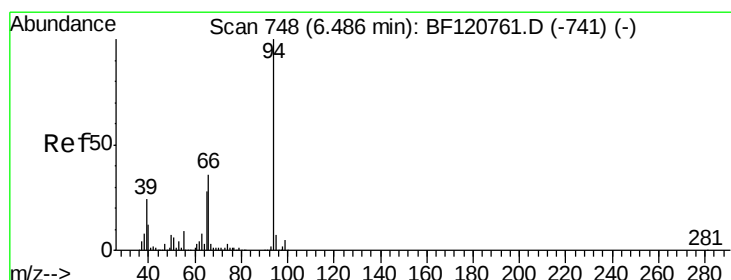
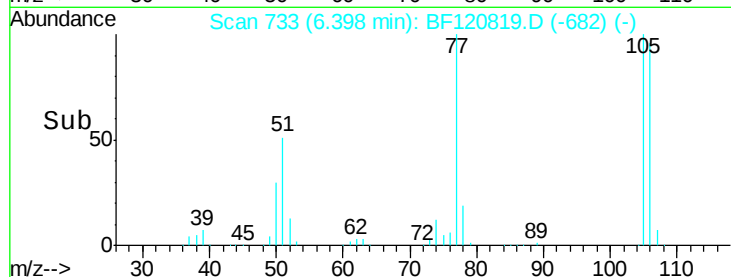
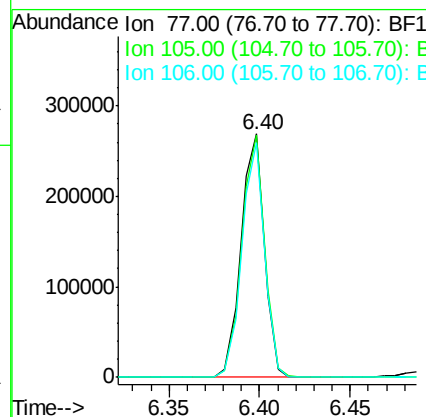
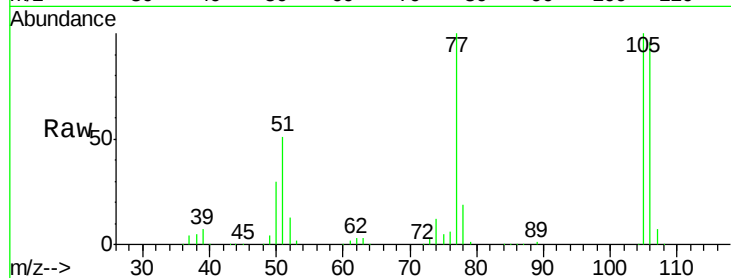
ClientSampleId :

SSTDCCC040

Tot Ion:	77	Resp:	239567
Ion Ratio	Lower	Upper	
77	100		
105	99.5	76.8	116.8
106	96.1	73.8	113.8

Manual Integrations
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#10

Phenol

Concen: 37.194 ng m

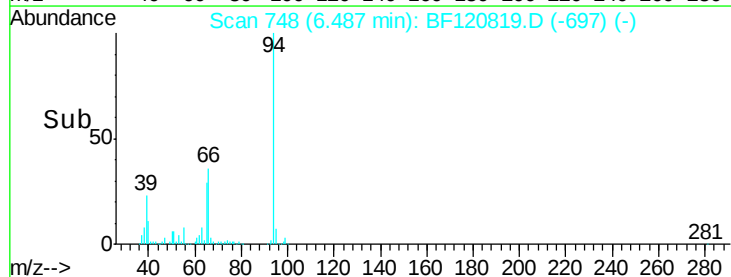
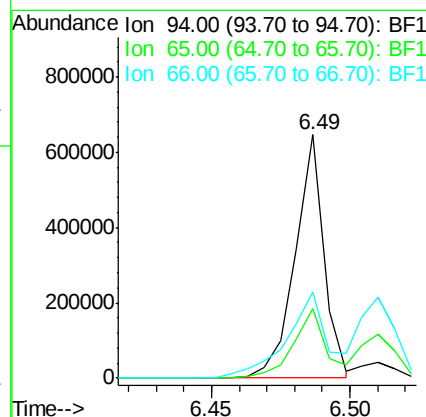
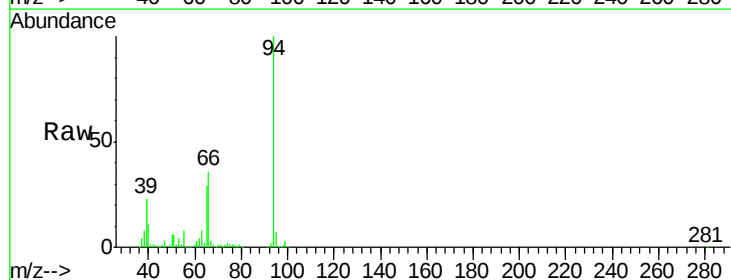
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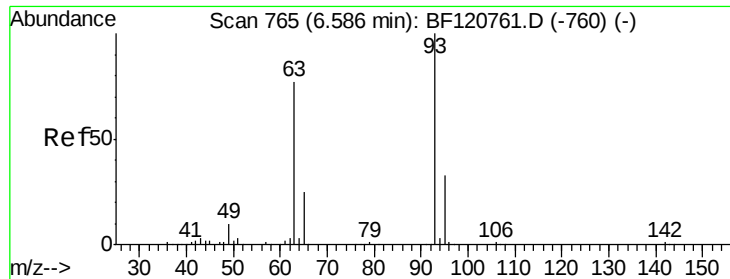
Delta R.T. 0.00 min

Lab File: BF120819.D

Acq: 10 Jul 2020 8:50

Tgt Ion:	94	Resp:	463984
Ion Ratio	Lower	Upper	
94	100		
65	28.5	8.4	48.4
66	35.6	16.5	56.5





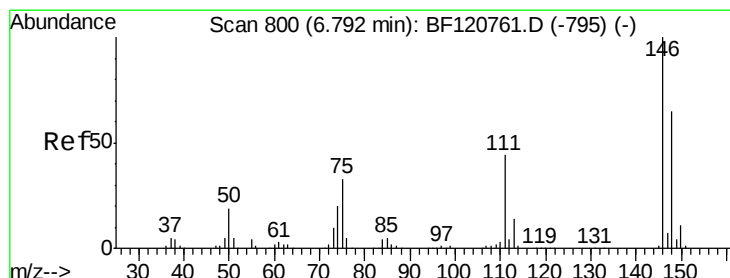
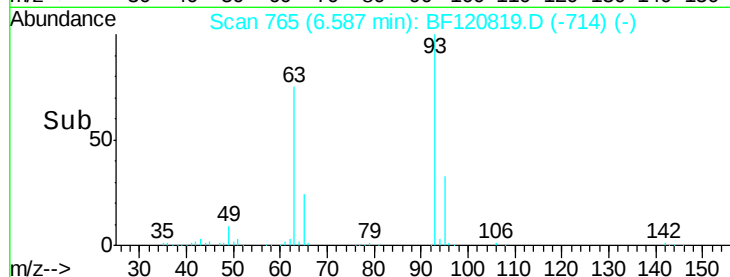
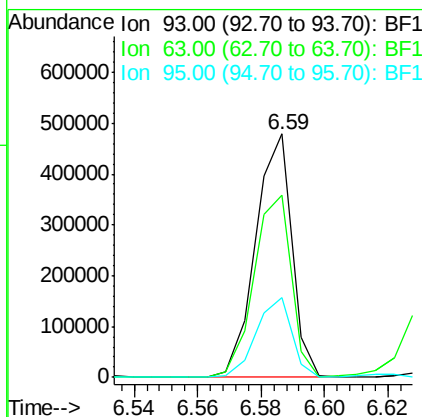
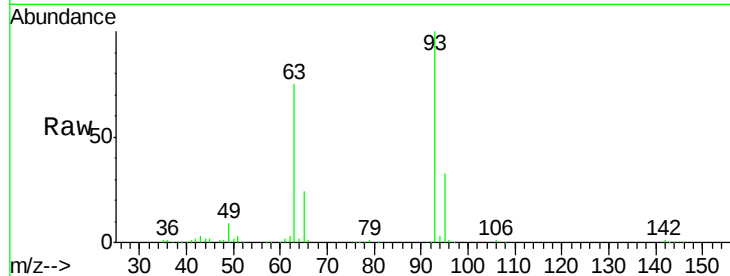
#11
bis(2-Chloroethyl)ether
Concen: 37.382 ng
RT: 6.59 min Scan# 765
Delta R.T. 0.00 min
Lab File: BF120819.D
Acq: 10 Jul 2020 8:50

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	93	Resp	379478
Ion	Ratio	Lower	Upper
93	100		
63	74.8	56.9	96.9
95	32.9	13.3	53.3

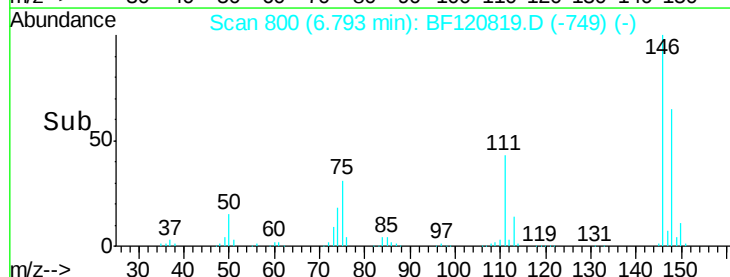
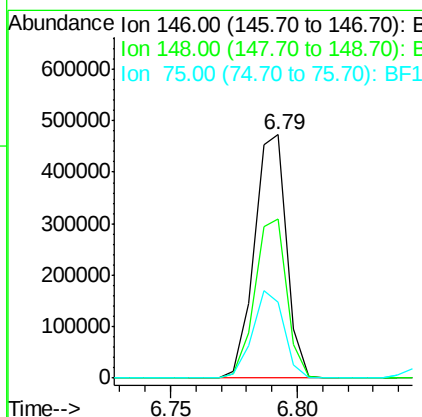
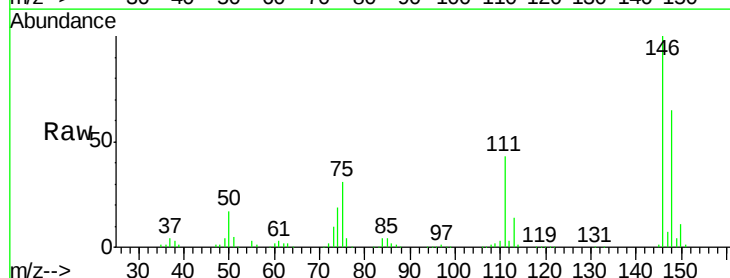
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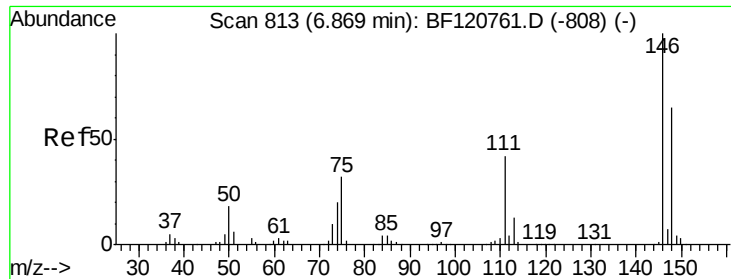
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#12
1,3-Dichlorobenzene
Concen: 37.585 ng
RT: 6.79 min Scan# 800
Delta R.T. 0.00 min
Lab File: BF120819.D
Acq: 10 Jul 2020 8:50

Tgt Ion	146	Resp	418251
Ion	Ratio	Lower	Upper
146	100		
148	65.5	52.1	78.1
75	31.3	26.0	39.0





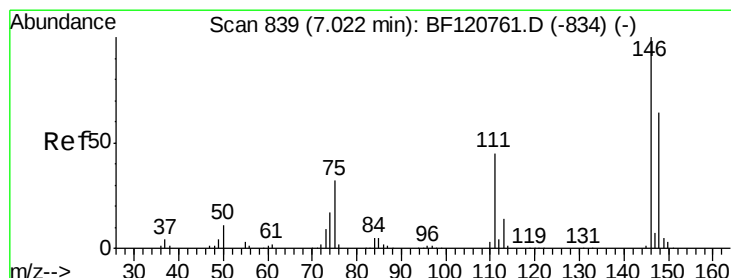
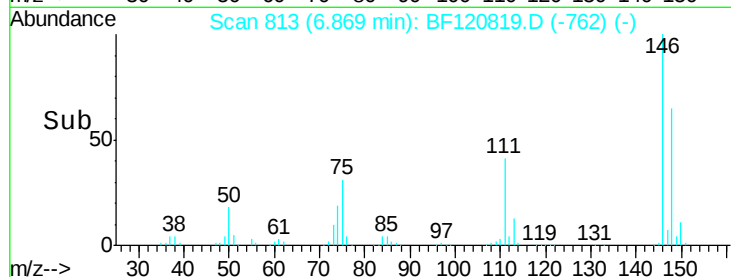
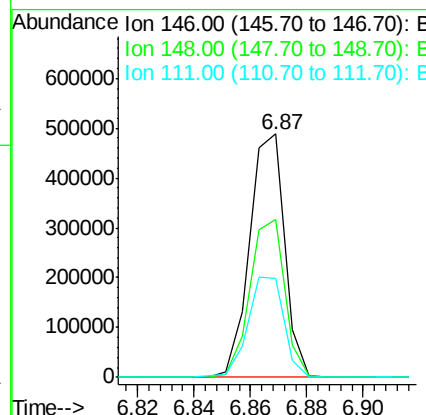
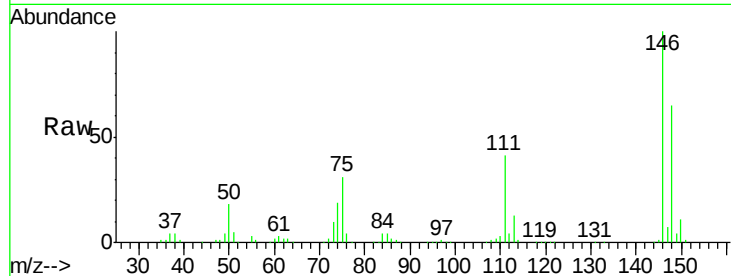
#13
 1,4-Dichlorobenzene
 Concen: 37.731 ng
 RT: 6.87 min Scan# 813
 Delta R.T. 0.00 min
 Lab File: BF120819.D
 Acq: 10 Jul 2020 8:50

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tot Ion	Ratio	Lower	Upper
146	100		
148	65.0	51.8	77.6
111	40.7	33.7	50.5

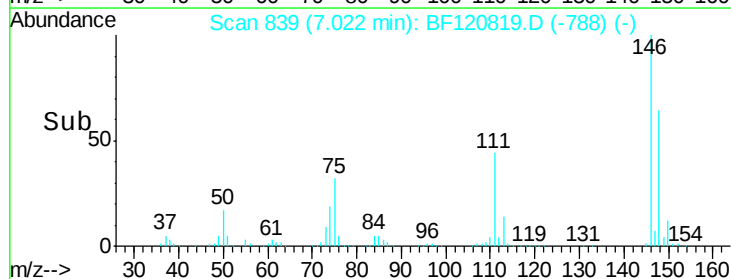
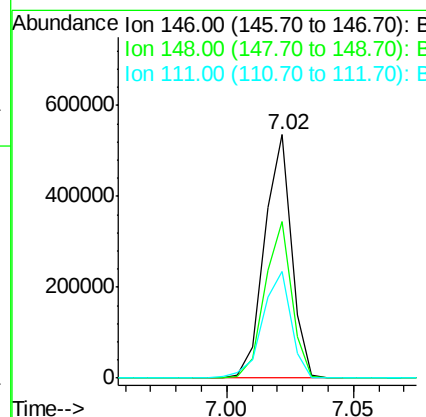
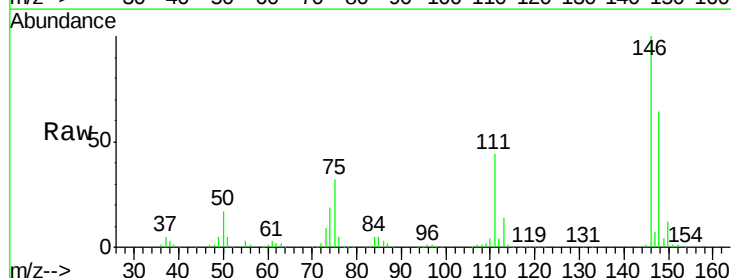
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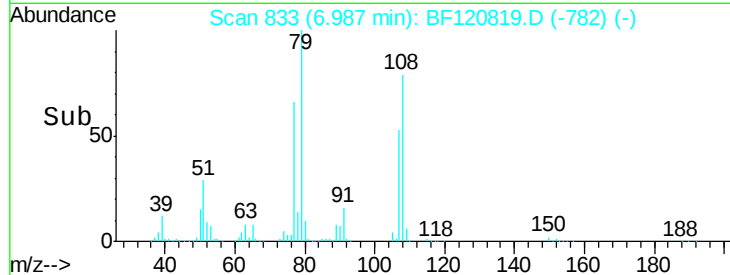
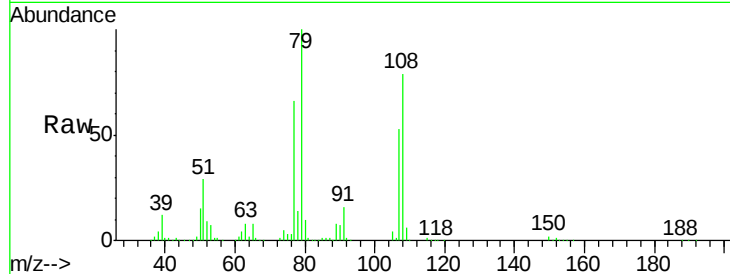
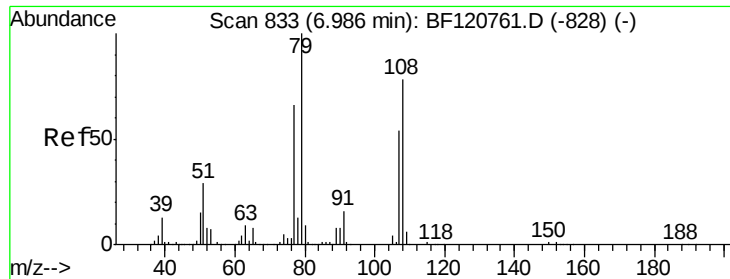
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#14
 1,2-Dichlorobenzene
 Concen: 37.696 ng
 RT: 7.02 min Scan# 839
 Delta R.T. 0.00 min
 Lab File: BF120819.D
 Acq: 10 Jul 2020 8:50

Tgt Ion	Ratio	Lower	Upper
146	100		
148	64.4	51.0	76.4
111	44.1	35.7	53.5





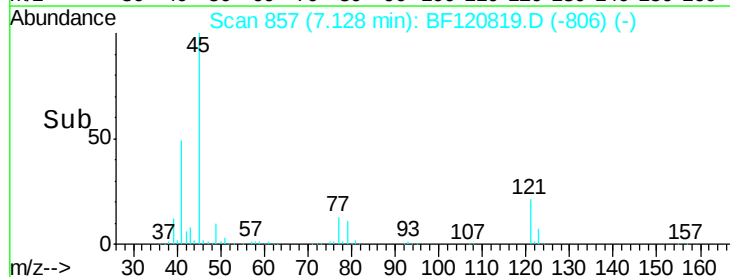
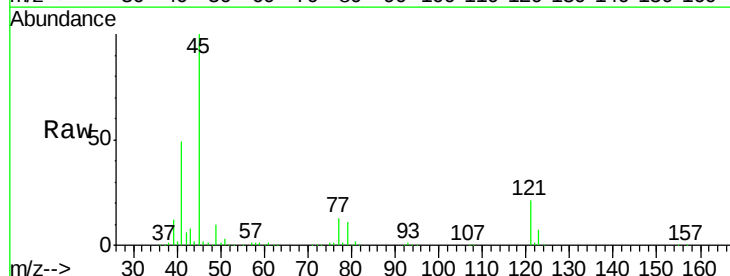
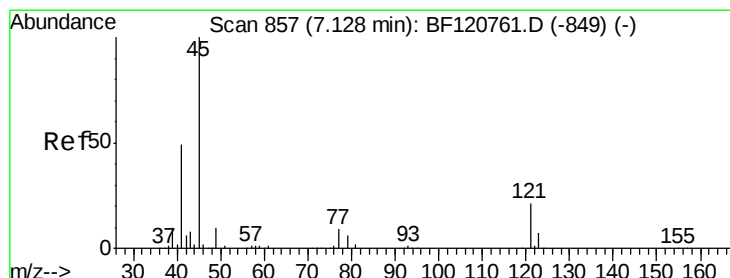
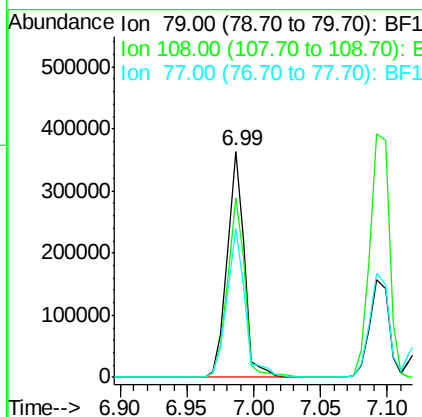
#15
Benzyl Alcohol
Concen: 36.489 ng
RT: 6.99 min Scan# 833
Delta R.T. 0.00 min
Lab File: BF120819.D
Acq: 10 Jul 2020 8:50

Tot Ion	Ion	Ratio	Resp	Lower	Upper
79	100				
108	79.3	62.4	93.6		
77	65.9	52.7	79.1		

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

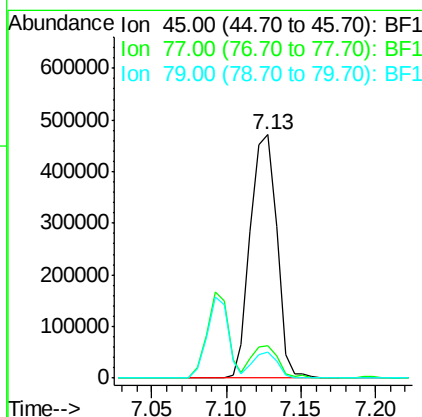
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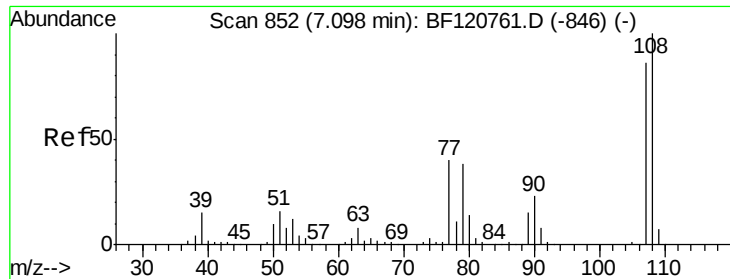
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#16
2,2'-oxybis(1-Chloropropane)
Concen: 36.511 ng
RT: 7.13 min Scan# 857
Delta R.T. 0.00 min
Lab File: BF120819.D
Acq: 10 Jul 2020 8:50

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
45	100				
77	13.5	0.0	33.7		
79	10.7	0.0	30.5		





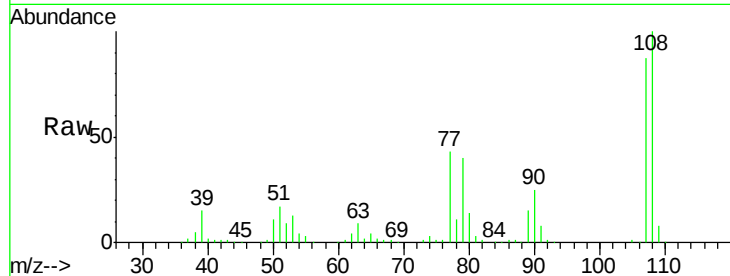
#17
2-Methylphenol
Concen: 37.472 ng
RT: 7.09 min Scan# 851
Delta R.T. -0.01 min
Lab File: BF120819.D
Acq: 10 Jul 2020 8:50

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

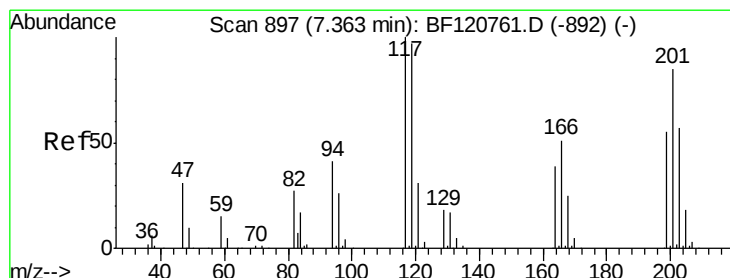
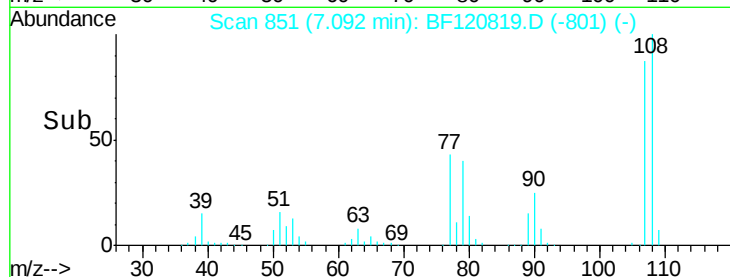
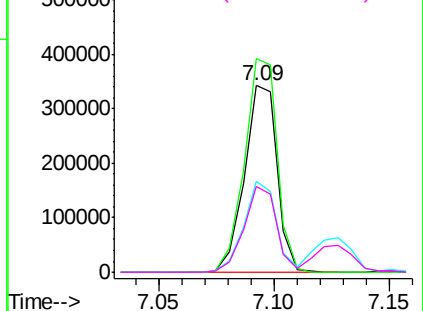
Tot Ion	Ratio	Resp	Lower	Upper
107	100			
108	114.5	93.1	139.7	
77	48.9	37.3	55.9	
79	46.2	35.3	52.9	

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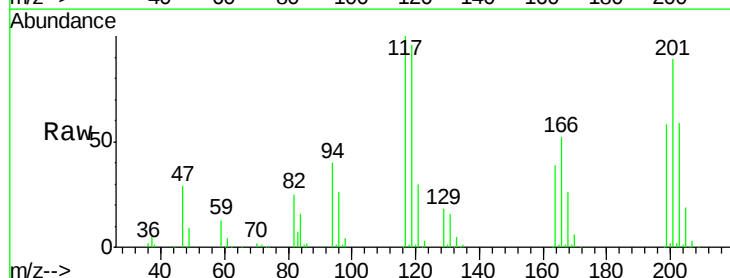


Abundance Ion 107.00 (106.70 to 107.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 77.00 (76.70 to 77.70): BF1
Ion 79.00 (78.70 to 79.70): BF1

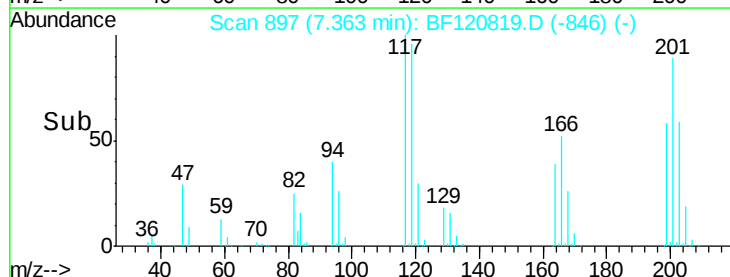
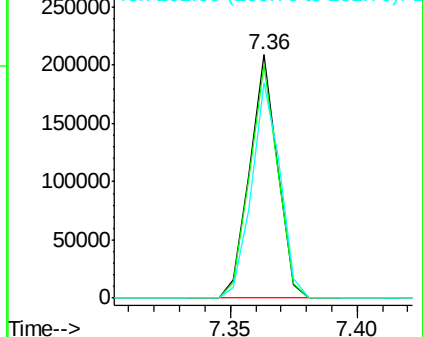


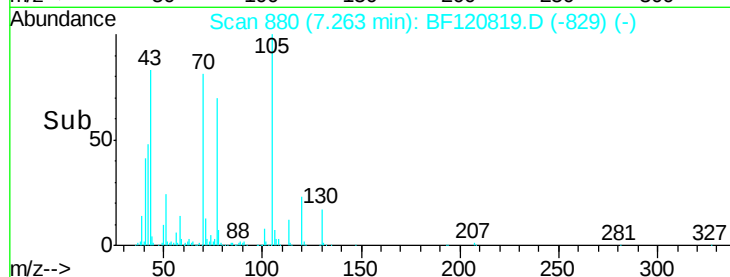
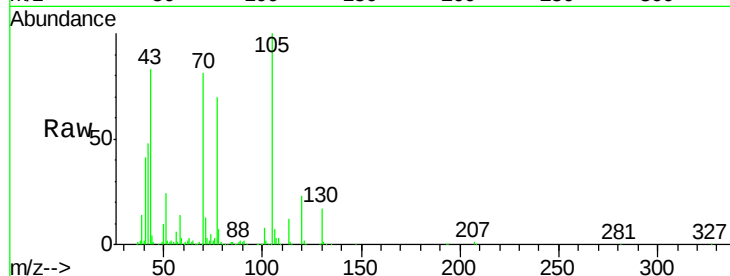
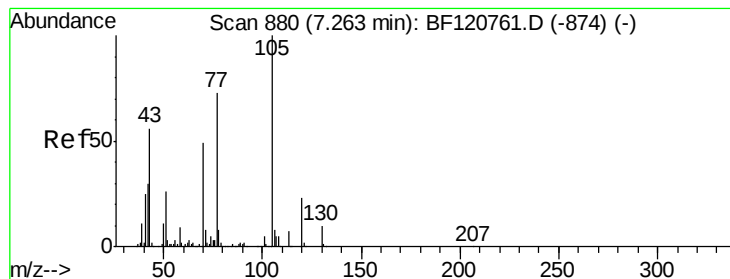
#18
Hexachloroethane
Concen: 38.151 ng
RT: 7.36 min Scan# 897
Delta R.T. 0.00 min
Lab File: BF120819.D
Acq: 10 Jul 2020 8:50

Tgt Ion	Ratio	Resp	Lower	Upper
117	100			
119	95.7	77.9	116.9	
201	88.7	68.3	102.5	



Abundance Ion 117.00 (116.70 to 117.70): E
Ion 119.00 (118.70 to 119.70): E
Ion 201.00 (200.70 to 201.70): E





#19

n-Nitroso-di-n-propylamine

Concen: 35.967 ng

RT: 7.26 min Scan# 880

Delta R.T. 0.00 min

Lab File: BF120819.D

Acq: 10 Jul 2020 8:50

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

Tot Ion: 70 Resp: 262617

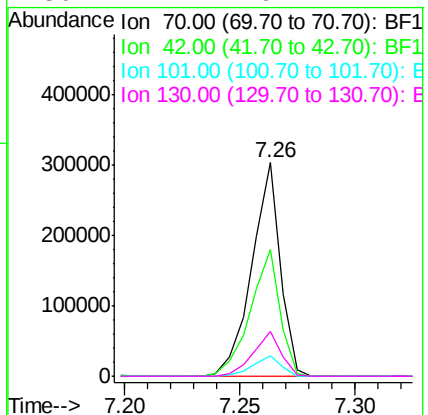
Ion Ratio Lower Upper

70 100

42 59.2 50.3 75.5

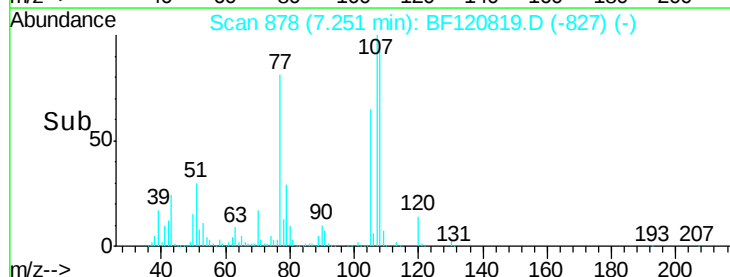
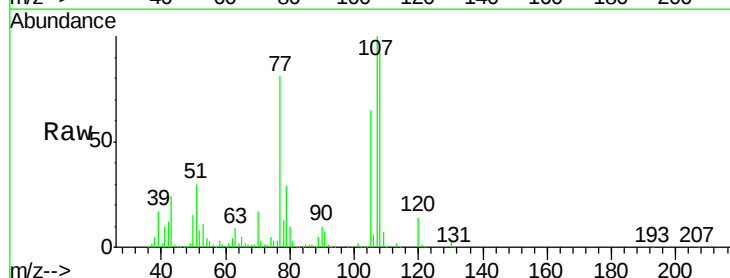
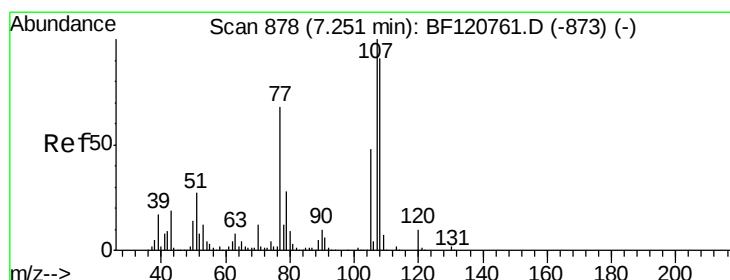
101 9.4 7.5 11.3

130 21.2 16.1 24.1



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#20

3+4-Methylphenols

Concen: 37.617 ng

RT: 7.25 min Scan# 878

Delta R.T. 0.00 min

Lab File: BF120819.D

Acq: 10 Jul 2020 8:50

Tgt Ion: 107 Resp: 419034

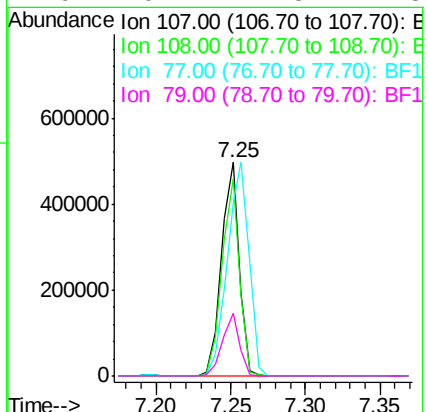
Ion Ratio Lower Upper

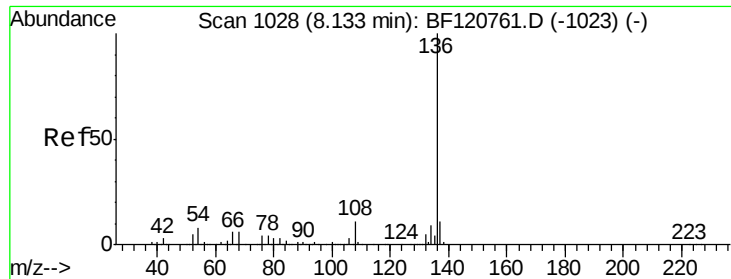
107 100

108 92.5 70.9 110.9

77 81.2 48.3 88.3

79 29.4 7.8 47.8





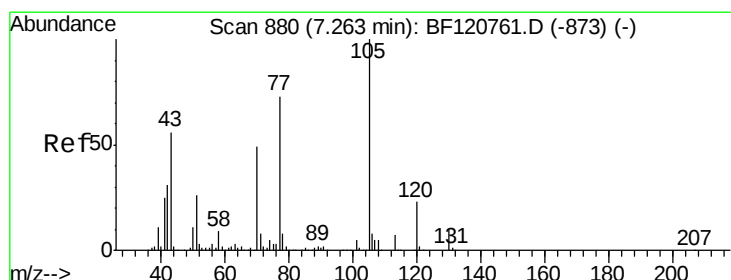
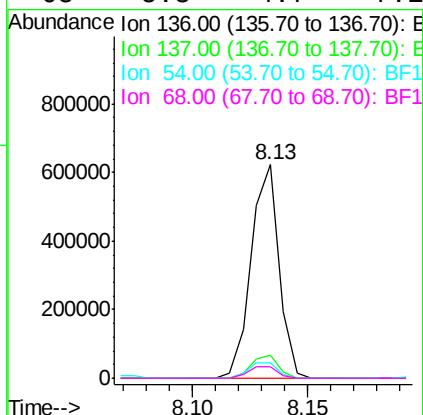
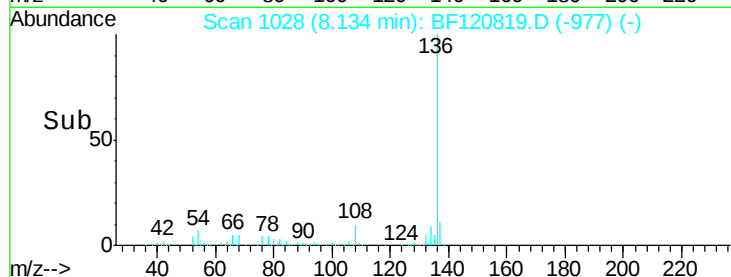
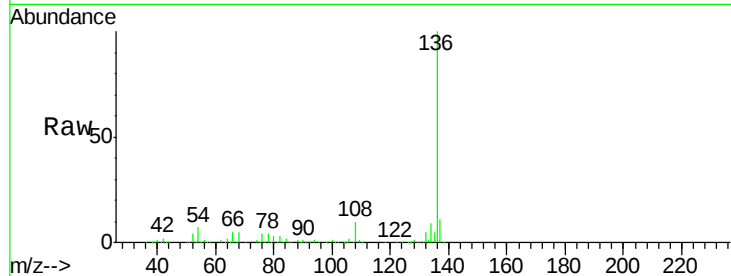
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.13 min Scan# 1028
Delta R.T. 0.00 min
Lab File: BF120819.D
Acq: 10 Jul 2020 8:50

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Resp Lower	Upper
136	100		
137	11.1	9.0	13.6
54	7.4	6.2	9.4
68	5.3	4.7	7.1

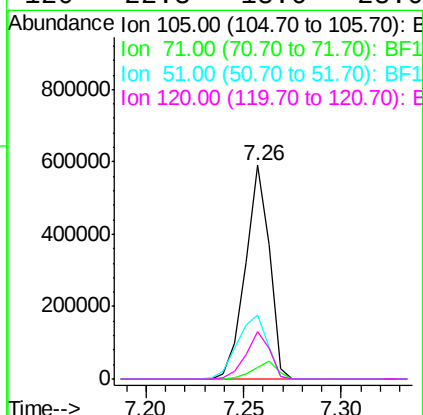
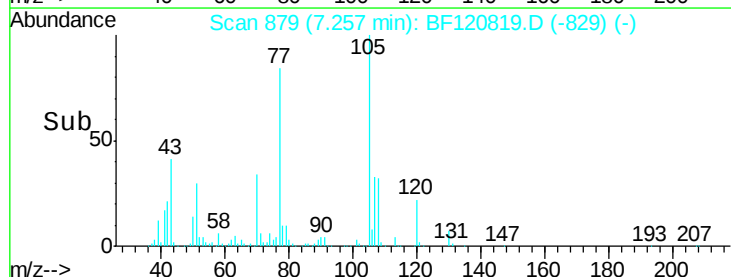
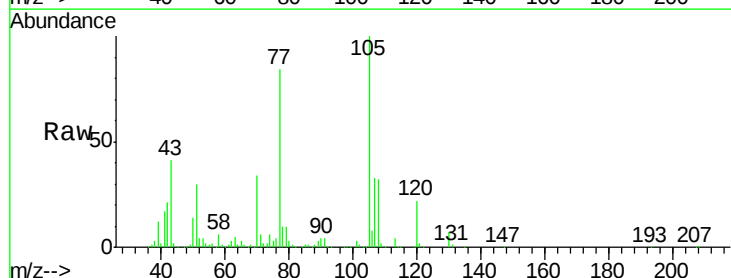
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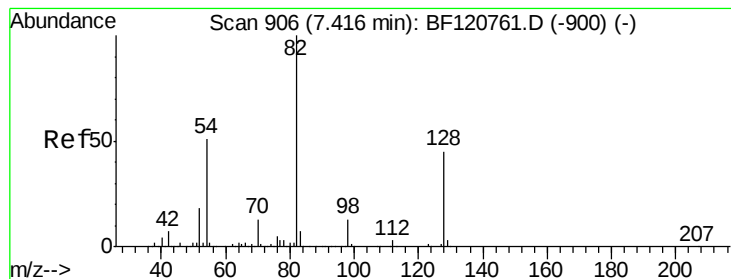
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#22
Acetophenone
Concen: 38.600 ng
RT: 7.26 min Scan# 879
Delta R.T. -0.01 min
Lab File: BF120819.D
Acq: 10 Jul 2020 8:50

Tgt Ion	Ratio	Resp Lower	Upper
105	100		
71	5.6	6.5	9.7#
51	29.8	21.0	31.4
120	22.3	18.6	28.0





#23

Nitrobenzene-d5

Concen: 83.770 ng

RT: 7.41 min Scan# 905

Delta R.T. -0.01 min

Lab File: BF120819.D

Acq: 10 Jul 2020 8:50

Instrument :

BNA_F

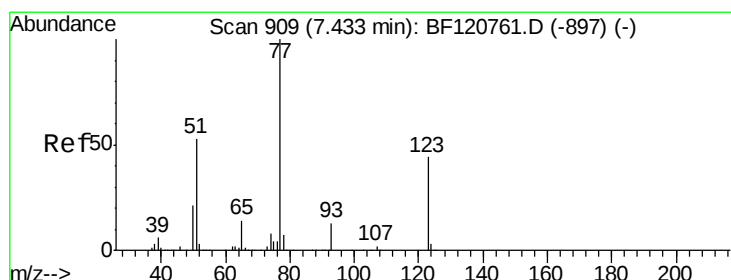
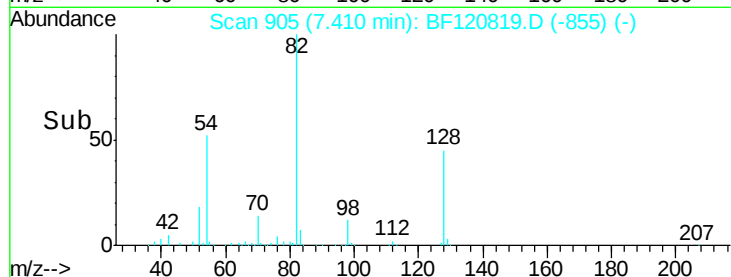
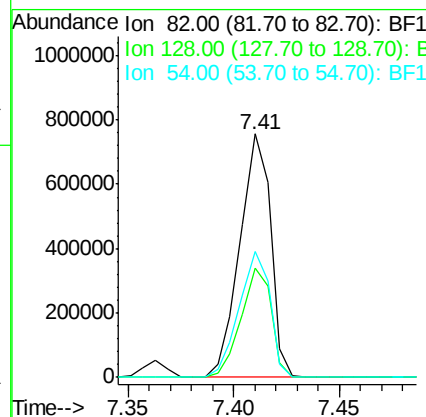
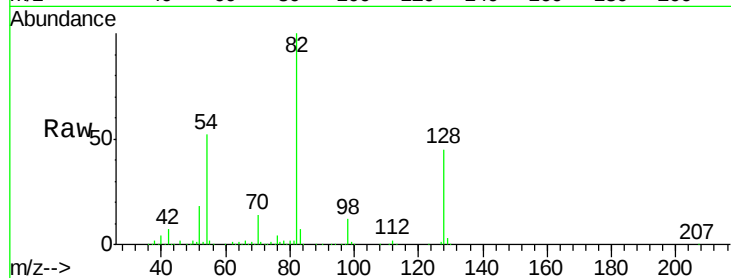
ClientSampleId :

SSTDCCC040

Tot Ion:	82	Resp:	762843
Ion Ratio	Lower	Upper	
82	100		
128	45.1	35.7	53.5
54	51.9	40.9	61.3

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#24

Nitrobenzene

Concen: 40.792 ng

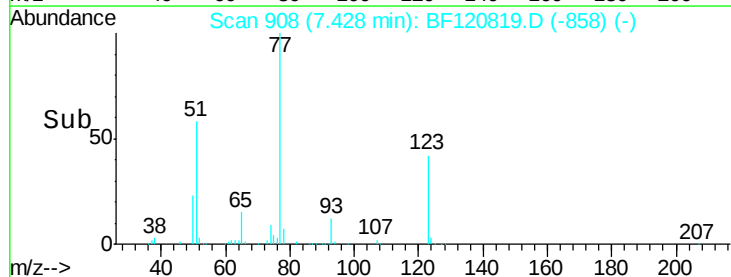
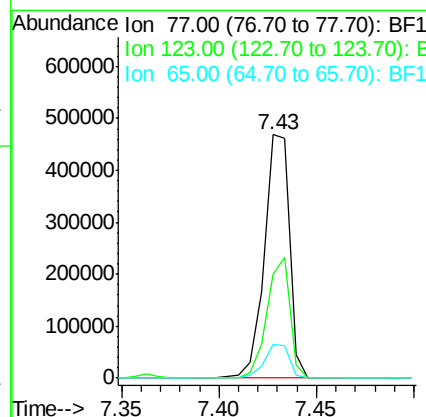
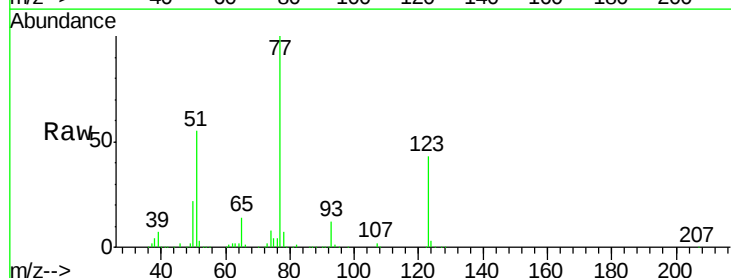
RT: 7.43 min Scan# 908

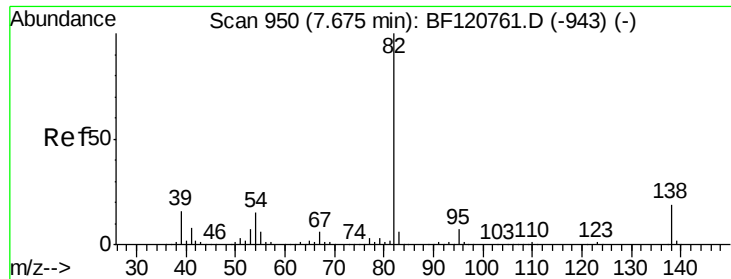
Delta R.T. -0.01 min

Lab File: BF120819.D

Acq: 10 Jul 2020 8:50

Tgt Ion:	77	Resp:	417088
Ion Ratio	Lower	Upper	
77	100		
123	42.6	36.1	54.1
65	13.9	11.0	16.4





#25

Isophorone

Concen: 36.925 ng

RT: 7.67 min Scan# 949

Delta R.T. -0.01 min

Lab File: BF120819.D

Acq: 10 Jul 2020 8:50

Instrument :

BNA_F

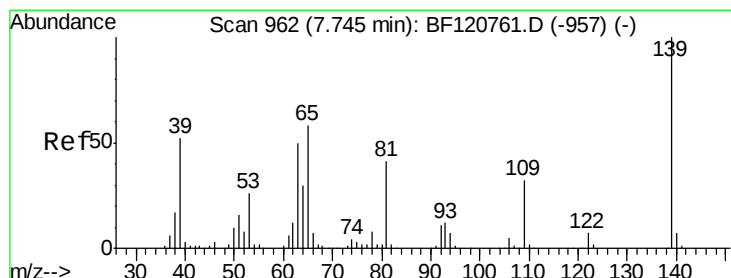
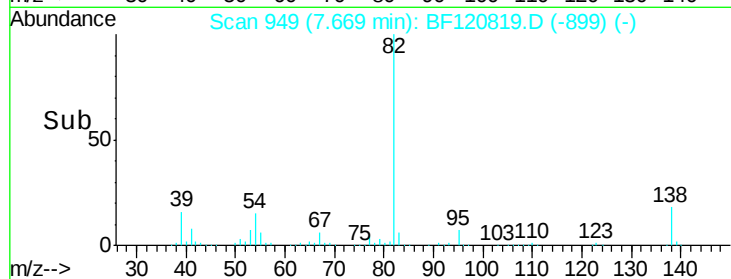
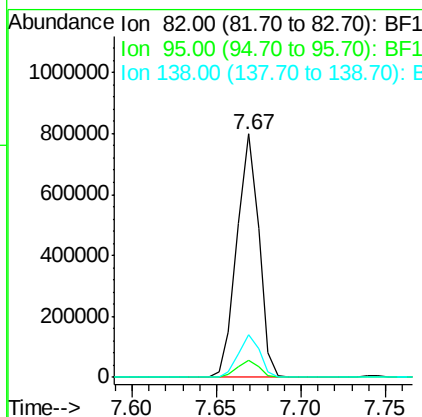
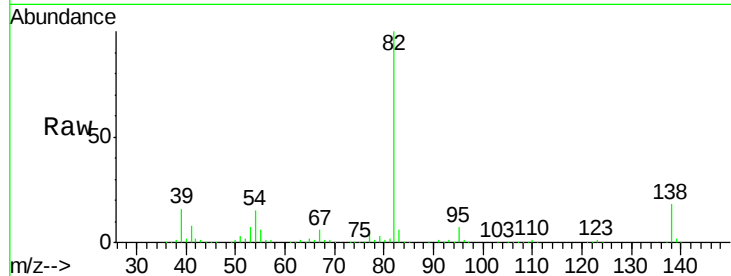
ClientSampleId :

SSTDCCC040

Tot Ion:	82	Resp:	725154
Ion Ratio		Lower	Upper
82	100		
95	6.9	5.4	8.2
138	17.5	15.0	22.4

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#26

2-Nitrophenol

Concen: 38.646 ng

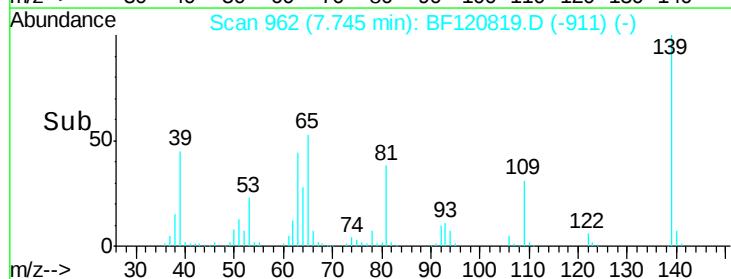
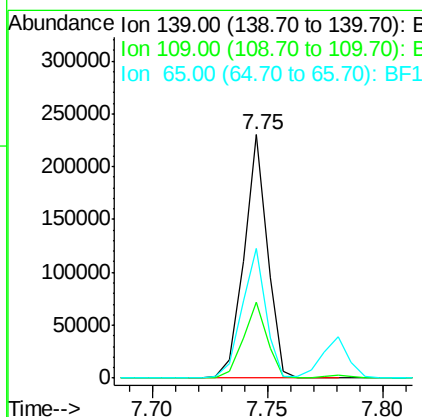
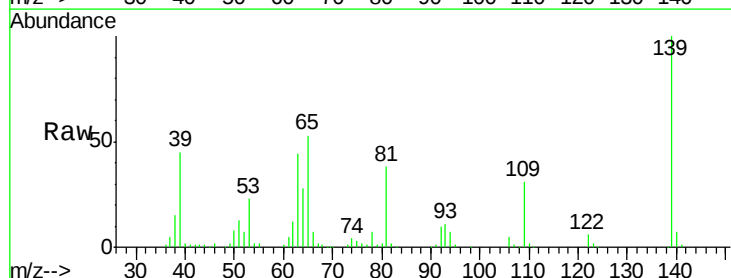
RT: 7.75 min Scan# 962

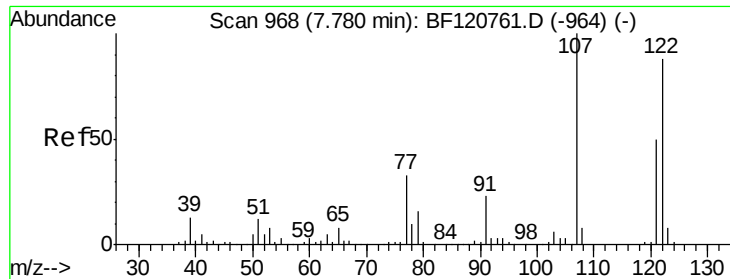
Delta R.T. 0.00 min

Lab File: BF120819.D

Acq: 10 Jul 2020 8:50

Tgt Ion:	139	Resp:	162496
Ion Ratio		Lower	Upper
139	100		
109	31.0	25.3	37.9
65	53.2	46.2	69.2





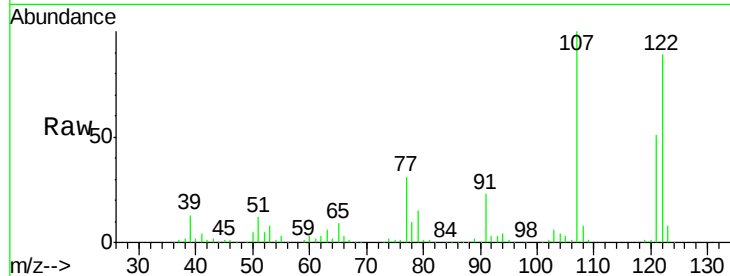
#27
2,4-Dimethylphenol
Concen: 38.085 ng
RT: 7.78 min Scan# 968
Delta R.T. 0.00 min
Lab File: BF120819.D
Acq: 10 Jul 2020 8:50

Instrument :
BNA_F
ClientSampled :
SSTDCCC040

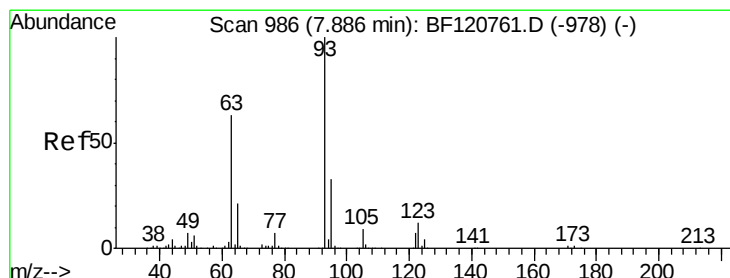
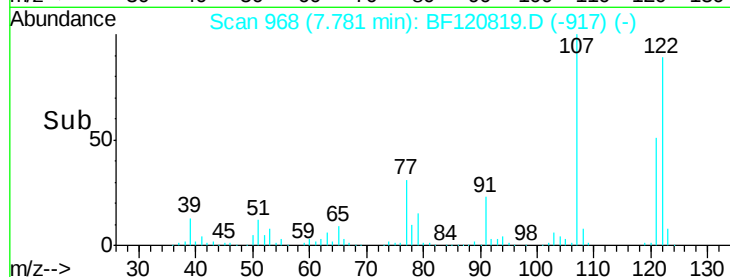
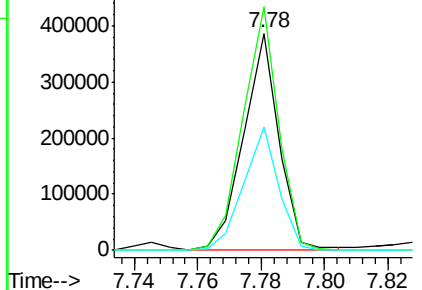
Tot Ion	Ratio	Resp	Lower	Upper
122	100	298568		
107	112.3	90.7	136.1	
121	56.8	45.4	68.0	

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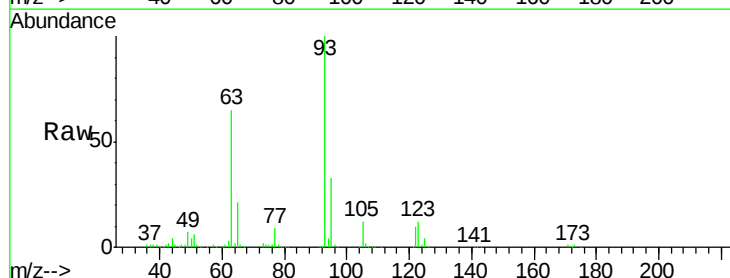


Abundance Ion 122.00 (121.70 to 122.70): E
Ion 107.00 (106.70 to 107.70): E
Ion 121.00 (120.70 to 121.70): E

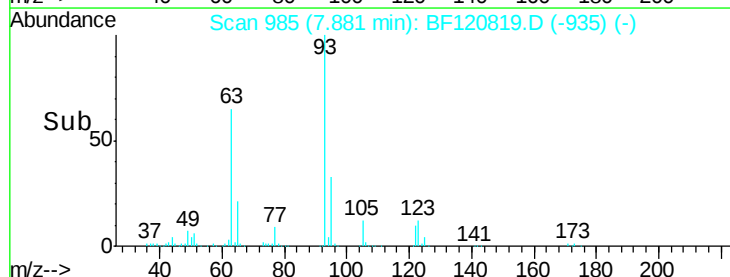
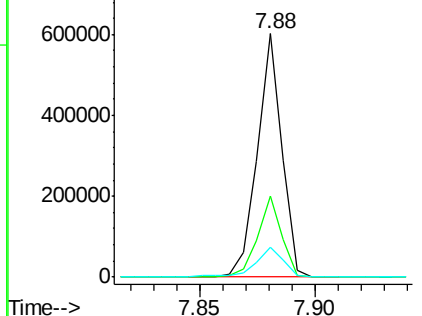


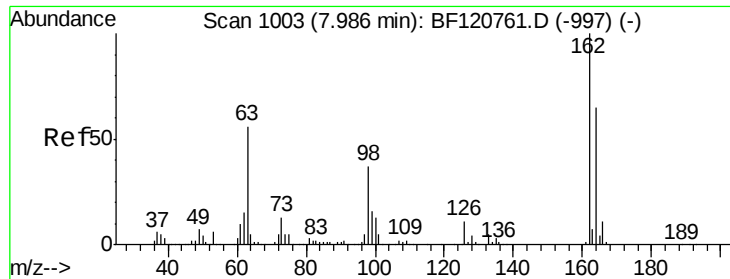
#28
bis(2-Chloroethoxy)methane
Concen: 38.378 ng
RT: 7.88 min Scan# 985
Delta R.T. -0.01 min
Lab File: BF120819.D
Acq: 10 Jul 2020 8:50

Tgt Ion	Ratio	Resp	Lower	Upper
93	100	446074		
95	33.3	26.4	39.6	
123	12.1	10.2	15.2	



Abundance Ion 93.00 (92.70 to 93.70): BF1
Ion 95.00 (94.70 to 95.70): BF1
Ion 123.00 (122.70 to 123.70): E





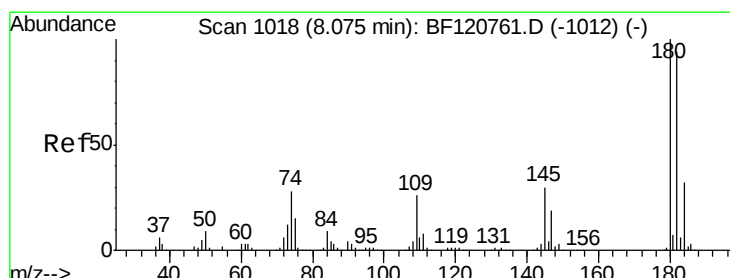
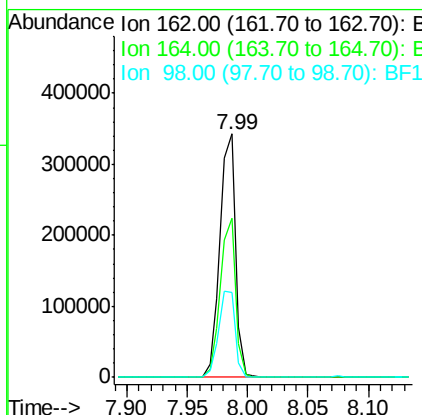
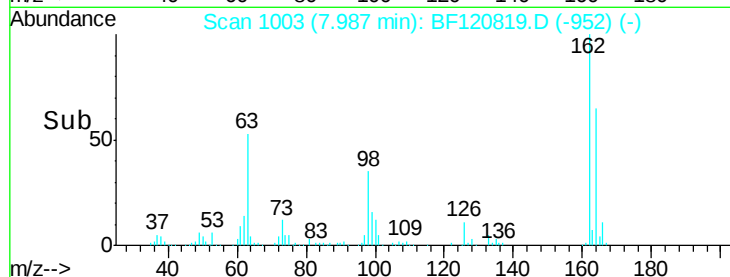
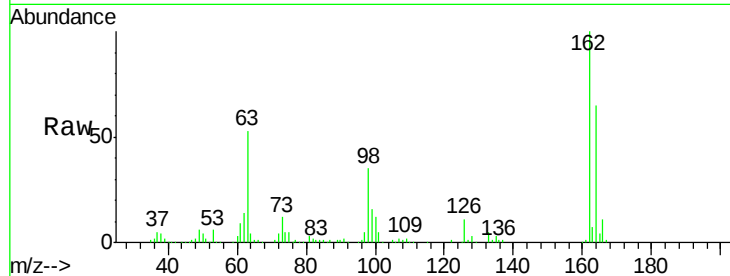
#29
2,4-Dichlorophenol
Concen: 39.007 ng
RT: 7.99 min Scan# 1003
Delta R.T. 0.00 min
Lab File: BF120819.D
Acq: 10 Jul 2020 8:50

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Resp	Lower	Upper
162	100	305279		
164	65.2	45.2	85.2	
98	34.9	17.0	57.0	

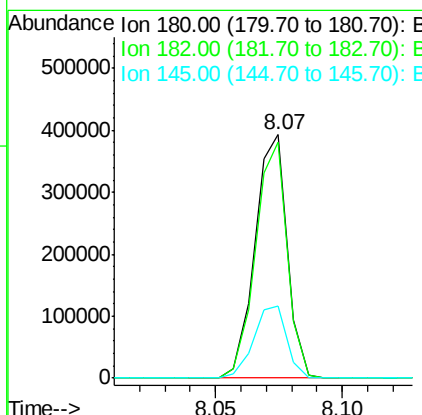
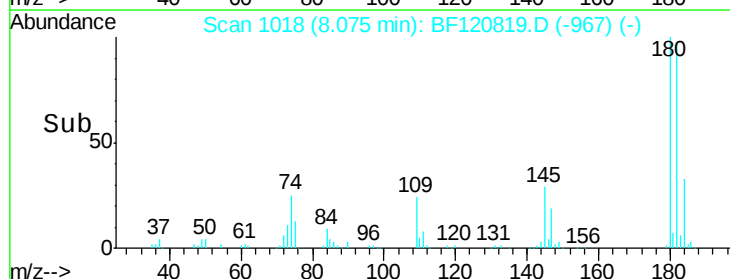
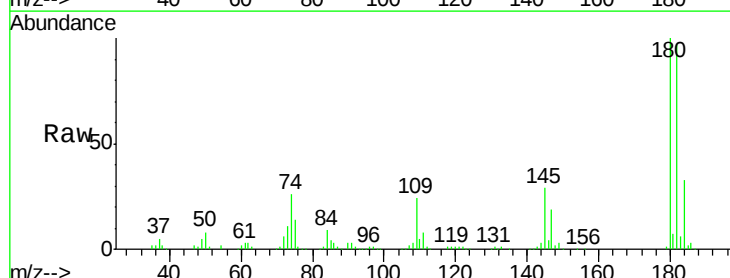
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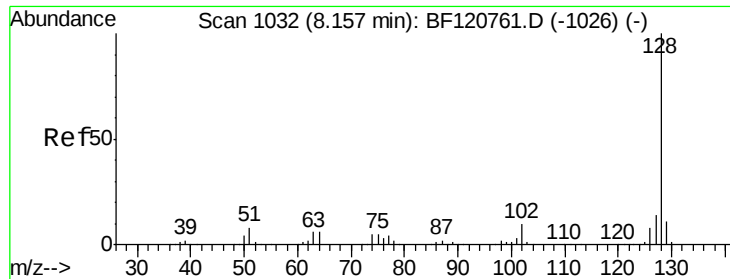
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#30
1,2,4-Trichlorobenzene
Concen: 39.390 ng
RT: 8.07 min Scan# 1018
Delta R.T. 0.00 min
Lab File: BF120819.D
Acq: 10 Jul 2020 8:50

Tgt Ion	Ratio	Resp	Lower	Upper
180	100	346256		
182	96.9	75.5	113.3	
145	29.4	24.1	36.1	





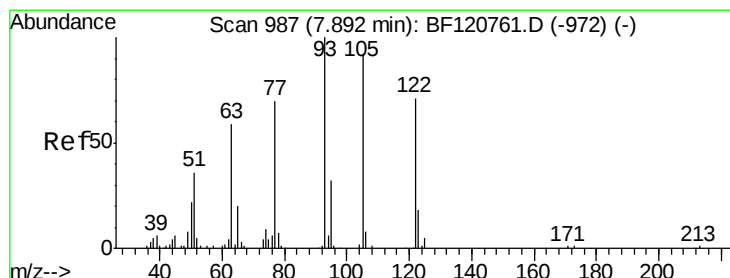
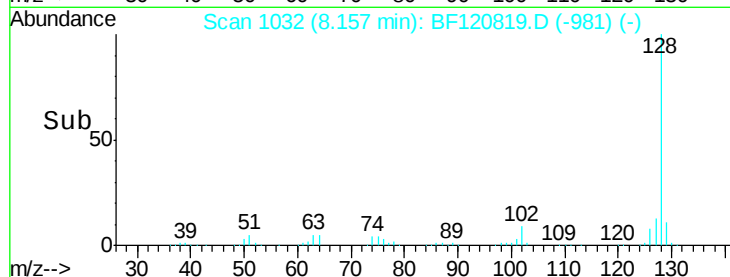
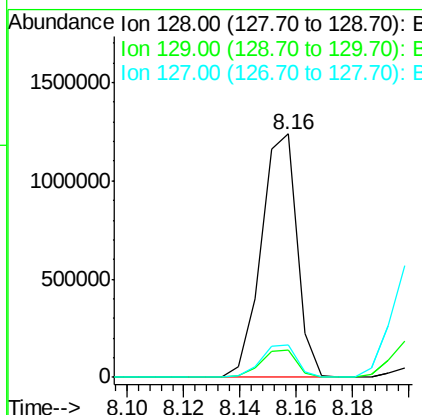
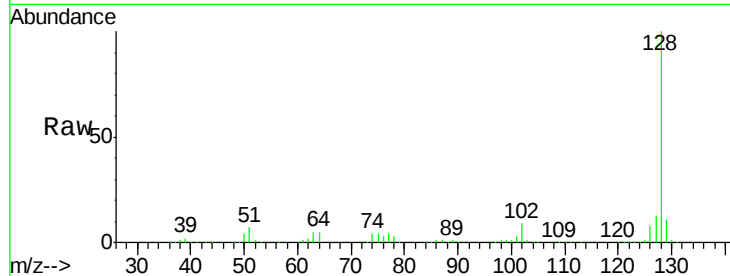
#31
Naphthalene
Concen: 38.708 ng
RT: 8.16 min Scan# 1032
Delta R.T. 0.00 min
Lab File: BF120819.D
Acq: 10 Jul 2020 8:50

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
128	100		
129	11.3	9.2	13.8
127	13.4	11.1	16.7

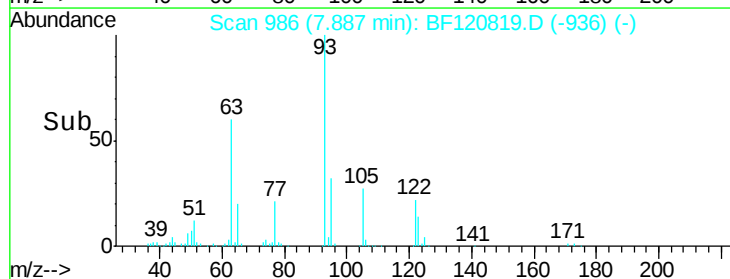
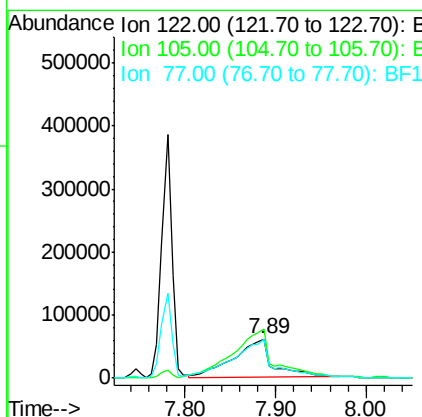
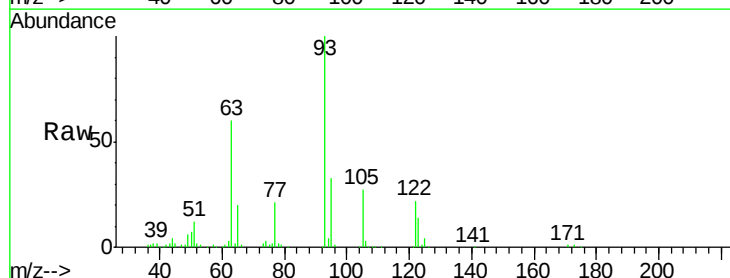
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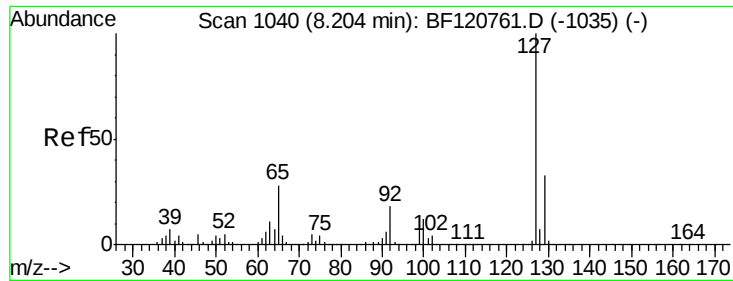
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#32
Benzoic acid
Concen: 34.631 ng
RT: 7.89 min Scan# 986
Delta R.T. -0.01 min
Lab File: BF120819.D
Acq: 10 Jul 2020 8:50

Tgt Ion	Ratio	Lower	Upper
122	100		
105	124.5	105.8	145.8
77	98.3	77.3	117.3





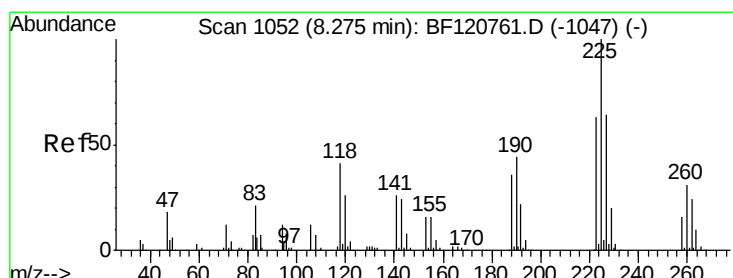
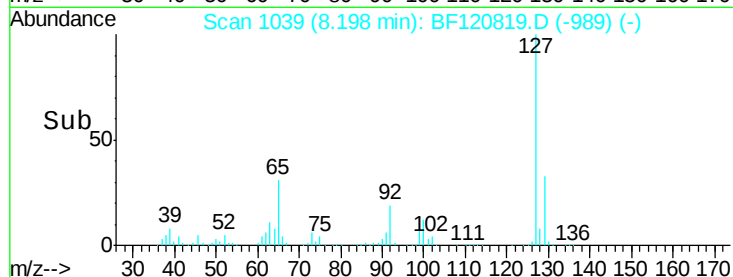
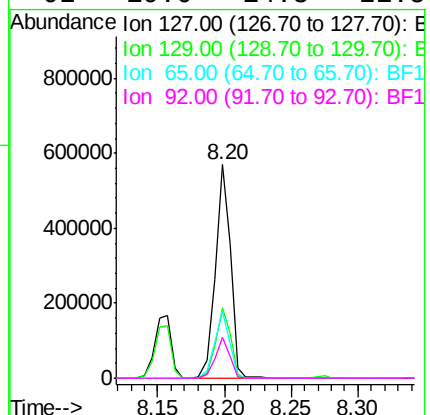
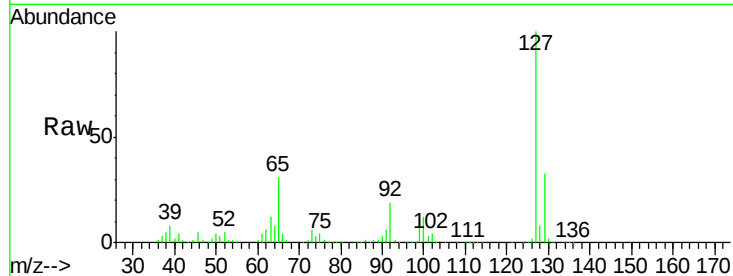
#33
4-Chloroaniline
Concen: 37.935 ng
RT: 8.20 min Scan# 1039
Delta R.T. -0.01 min
Lab File: BF120819.D
Acq: 10 Jul 2020 8:50

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ion	Ratio	Resp	Lower	Upper
127	100				
129	32.8	26.6	39.8		
65	31.3	22.7	34.1		
92	19.0	14.3	21.5		

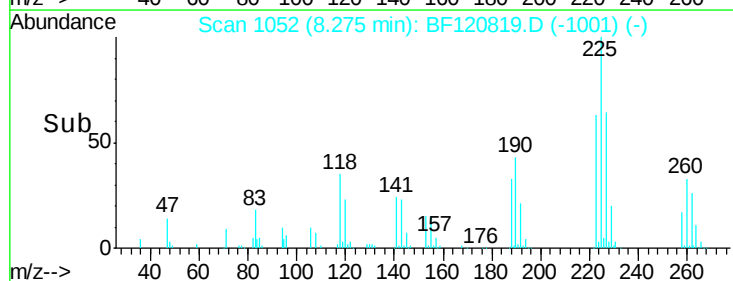
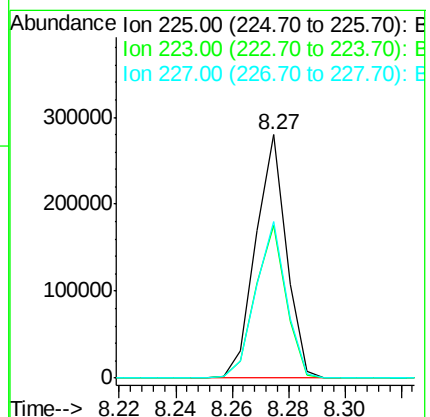
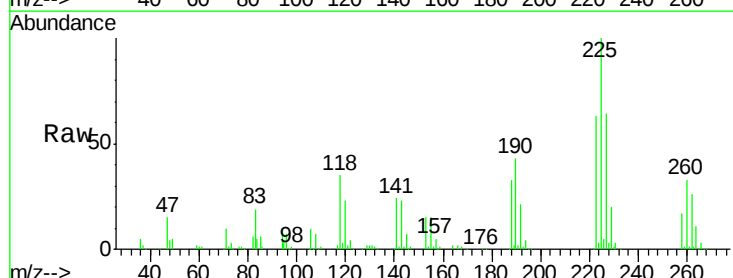
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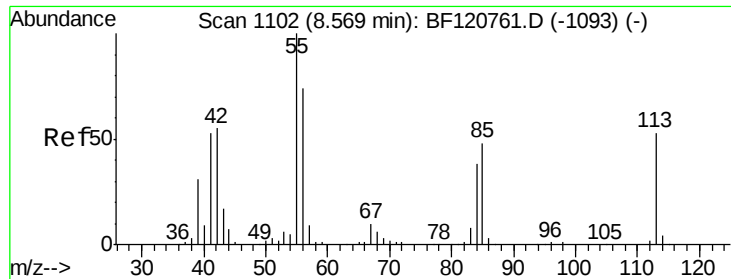
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#34
Hexachlorobutadiene
Concen: 39.900 ng
RT: 8.27 min Scan# 1052
Delta R.T. 0.00 min
Lab File: BF120819.D
Acq: 10 Jul 2020 8:50

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
225	100				
223	62.9	50.6	76.0		
227	64.2	51.4	77.2		





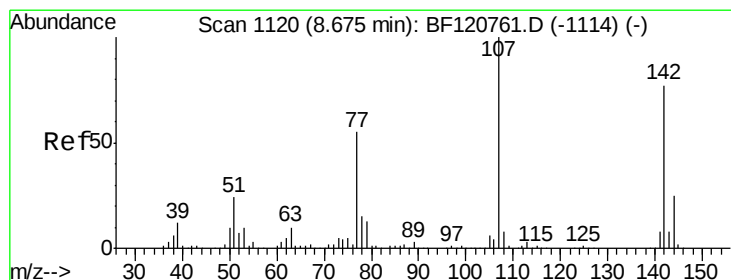
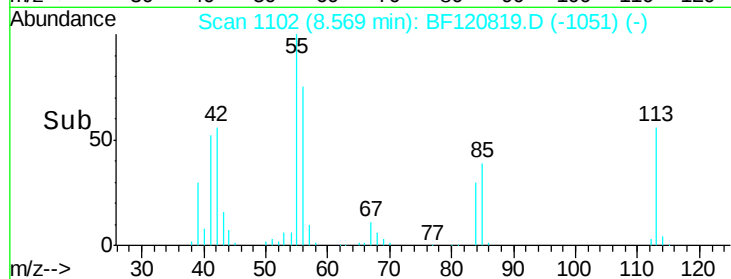
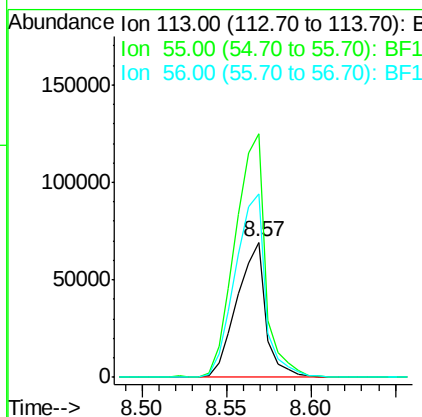
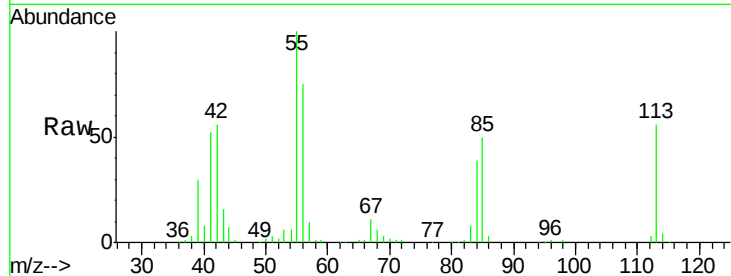
#35
 Caprolactam
 Concen: 36.265 ng
 RT: 8.57 min Scan# 1102
 Delta R.T. 0.00 min
 Lab File: BF120819.D
 Acq: 10 Jul 2020 8:50

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tot Ion	Ratio	Lower	Upper
113	100		
55	180.1	168.3	208.3
56	135.6	118.8	158.8

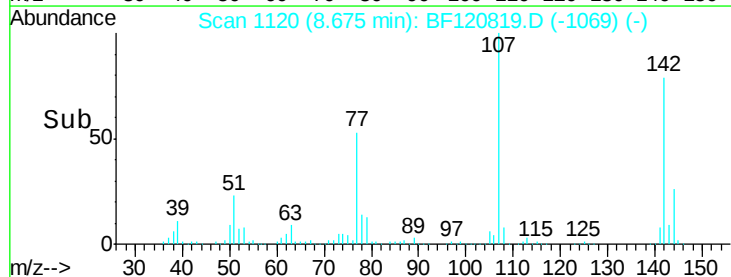
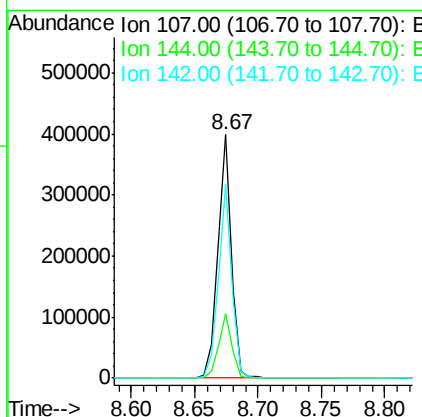
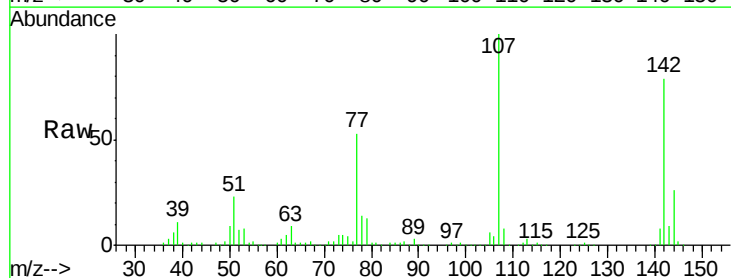
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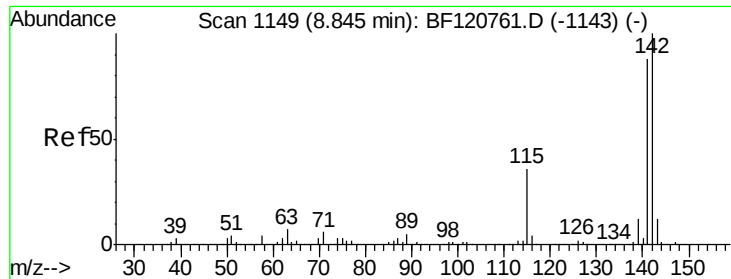
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#36
 4-Chloro-3-methylphenol
 Concen: 37.527 ng
 RT: 8.67 min Scan# 1120
 Delta R.T. 0.00 min
 Lab File: BF120819.D
 Acq: 10 Jul 2020 8:50

Tgt Ion	Ratio	Lower	Upper
107	100		
144	26.2	19.7	29.5
142	79.4	61.2	91.8





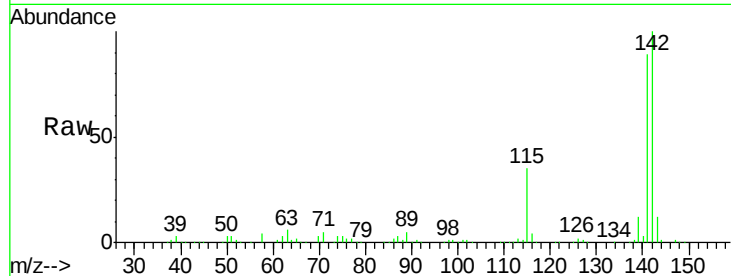
#37
2-Methylnaphthalene
Concen: 38.261 ng
RT: 8.85 min Scan# 1149
Delta R.T. 0.00 min
Lab File: BF120819.D
Acq: 10 Jul 2020 8:50

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

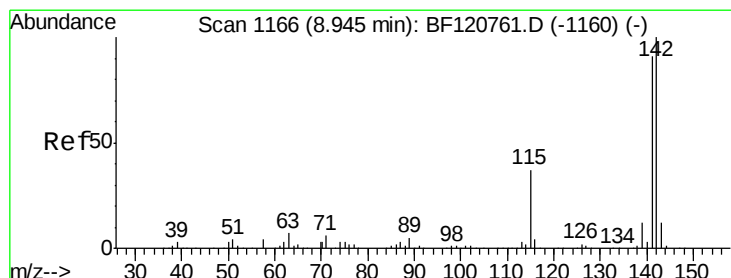
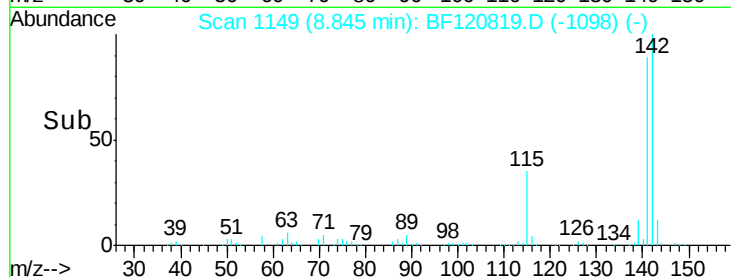
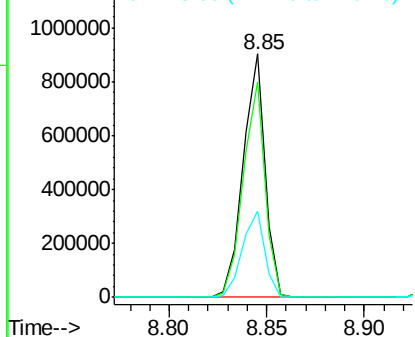
Tot Ion	Ratio	Lower	Upper
142	100		
141	88.6	70.2	105.4
115	35.3	29.0	43.4

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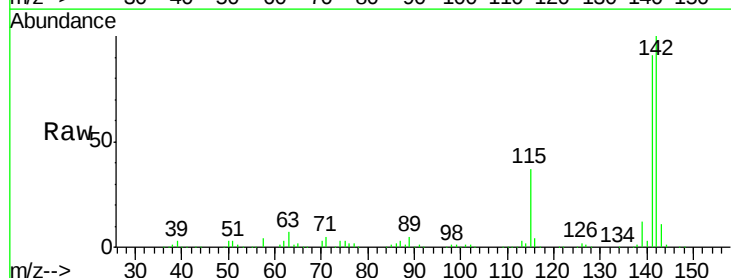


Abundance Ion 142.00 (141.70 to 142.70): E
Ion 141.00 (140.70 to 141.70): E
Ion 115.00 (114.70 to 115.70): E

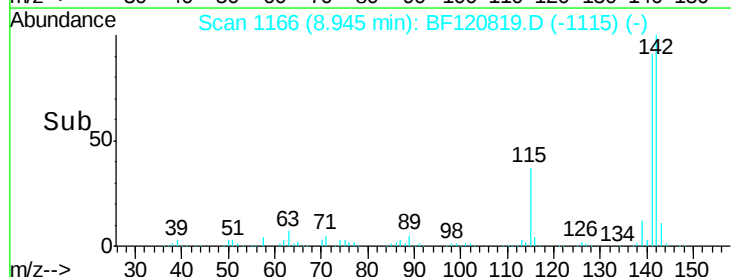
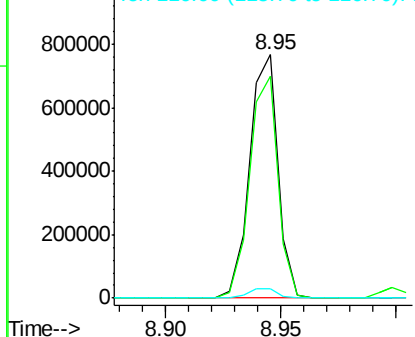


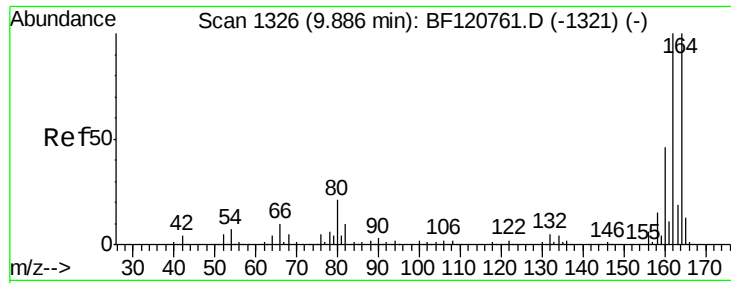
#38
1-Methylnaphthalene
Concen: 38.336 ng
RT: 8.95 min Scan# 1166
Delta R.T. 0.00 min
Lab File: BF120819.D
Acq: 10 Jul 2020 8:50

Tgt Ion	Ratio	Lower	Upper
142	100		
141	91.1	72.5	108.7
116	3.7	3.1	4.7



Abundance Ion 142.00 (141.70 to 142.70): E
Ion 141.00 (140.70 to 141.70): E
Ion 116.00 (115.70 to 116.70): E





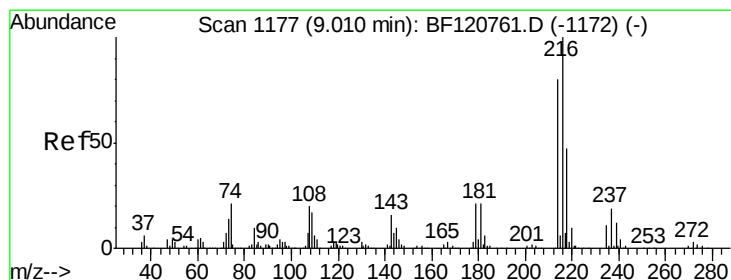
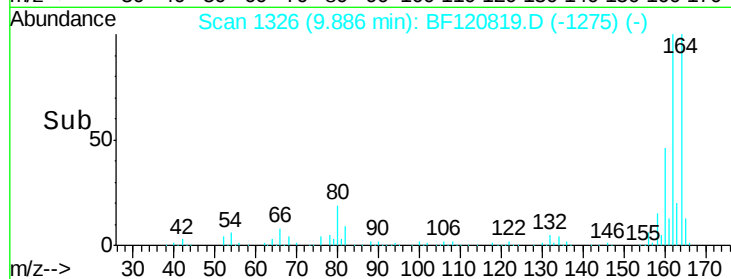
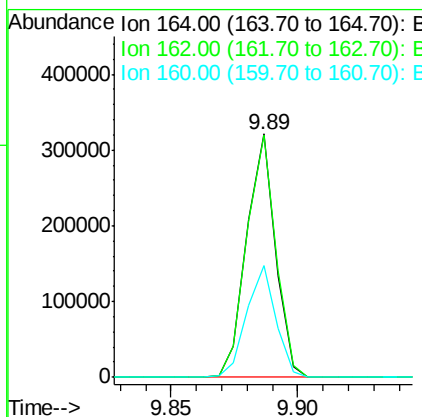
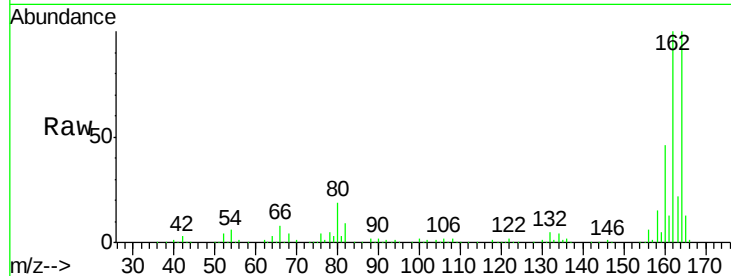
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.89 min Scan# 1326
Delta R.T. 0.00 min
Lab File: BF120819.D
Acq: 10 Jul 2020 8:50

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
164	100		
162	99.7	80.2	120.2
160	45.9	36.9	55.3

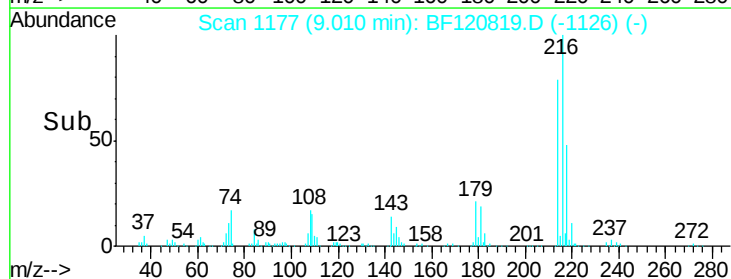
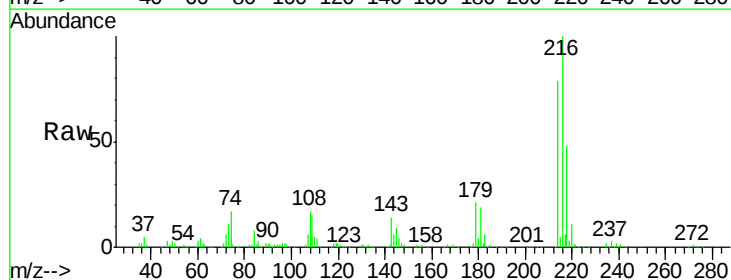
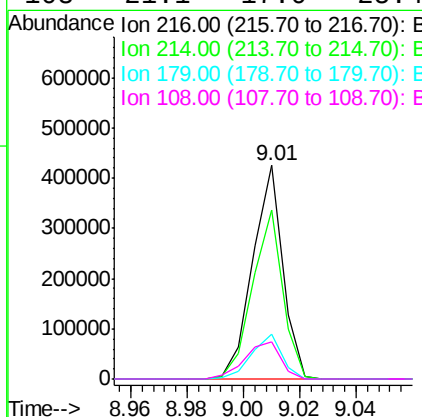
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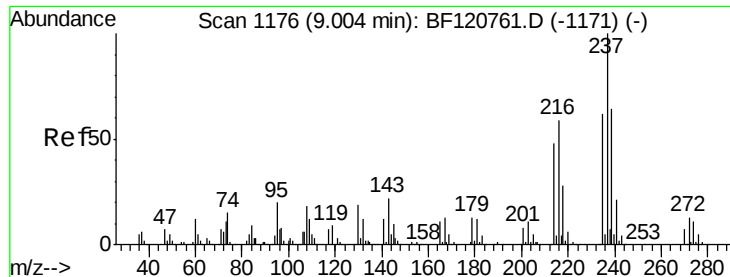
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#40
1,2,4,5-Tetrachlorobenzene
Concen: 40.959 ng
RT: 9.01 min Scan# 1177
Delta R.T. 0.00 min
Lab File: BF120819.D
Acq: 10 Jul 2020 8:50

Tgt Ion	Ratio	Lower	Upper
216	100		
214	79.0	63.7	95.5
179	21.2	16.7	25.1
108	21.1	17.0	25.4





#41

Hexachlorocyclopentadiene

Concen: 38.152 ng

RT: 9.00 min Scan# 1175

Delta R.T. -0.01 min

Lab File: BF120819.D

Acq: 10 Jul 2020 8:50

Instrument :

BNA_F

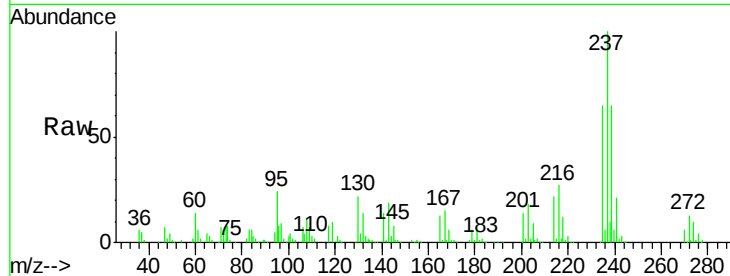
ClientSampleId :

SSTDCCC040

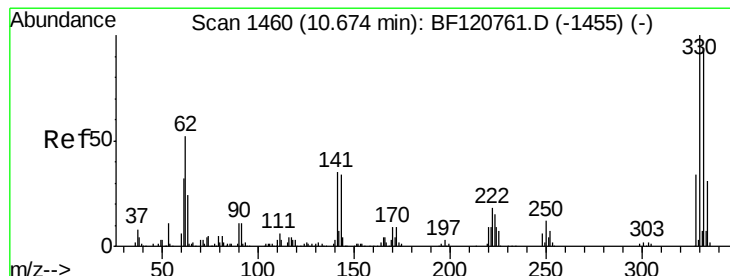
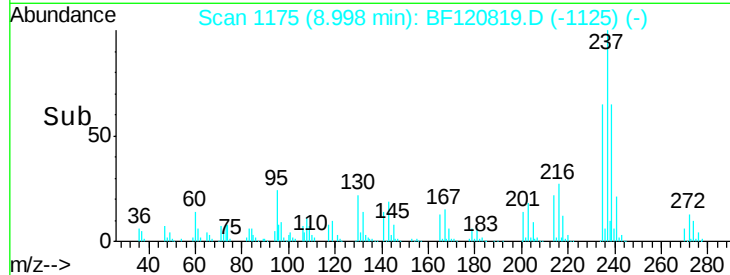
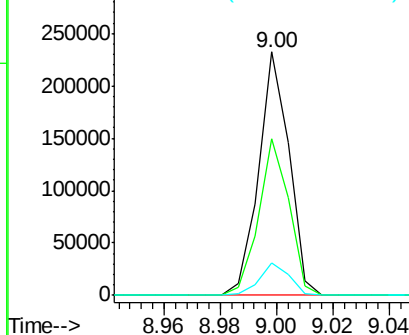
Tot Ion:	237	Resp:	173424
Ion Ratio	Lower	Upper	
237	100		
235	64.5	42.1	82.1
272	13.4	0.0	33.4

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Abundance Ion 236.80 (236.50 to 237.50): E
Ion 234.90 (234.60 to 235.60): E
Ion 271.75 (271.45 to 272.45): E



#42

2,4,6-Tribromophenol

Concen: 82.650 ng

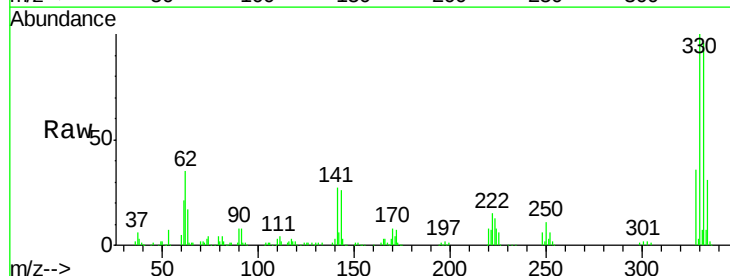
RT: 10.67 min Scan# 1460

Delta R.T. 0.00 min

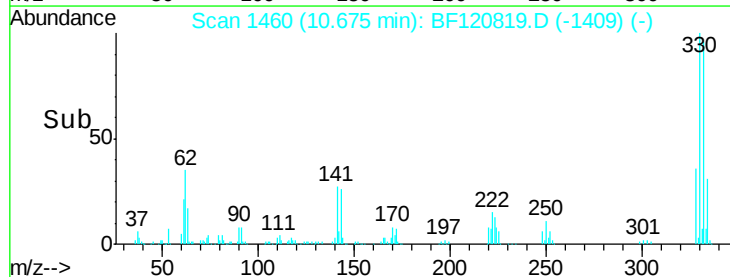
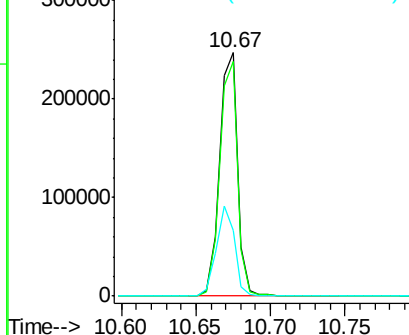
Lab File: BF120819.D

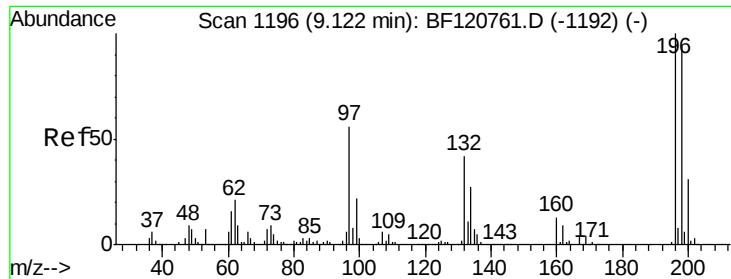
Acq: 10 Jul 2020 8:50

Tgt Ion:	330	Resp:	211374
Ion Ratio	Lower	Upper	
330	100		
332	95.5	75.8	113.6
141	37.0	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





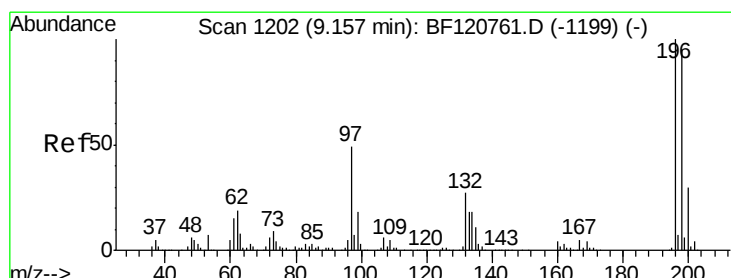
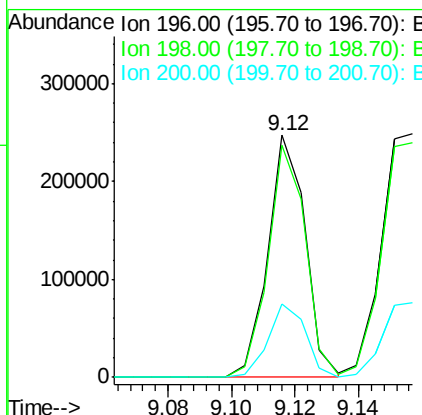
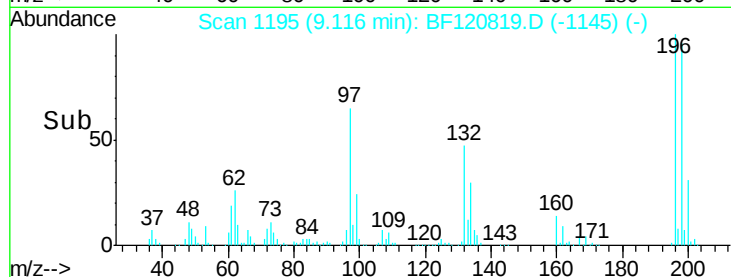
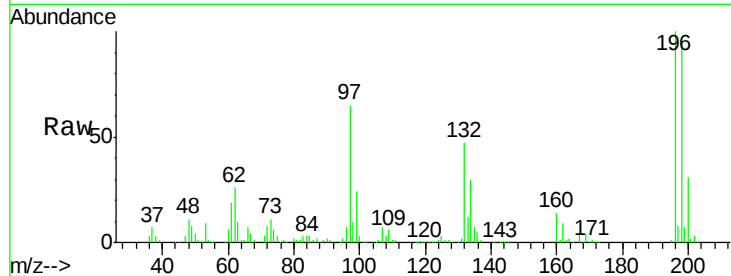
#43
 2,4,6-Trichlorophenol
 Concen: 38.665 ng
 RT: 9.12 min Scan# 1195
 Delta R.T. -0.01 min
 Lab File: BF120819.D
 Acq: 10 Jul 2020 8:50

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tot Ion	Ratio	Resp	Lower	Upper
196	100	202700		
198	95.7	75.3	112.9	
200	30.5	24.4	36.6	

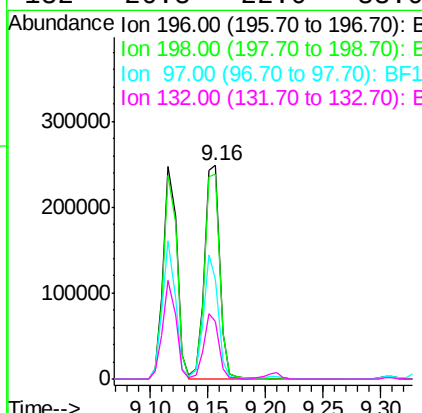
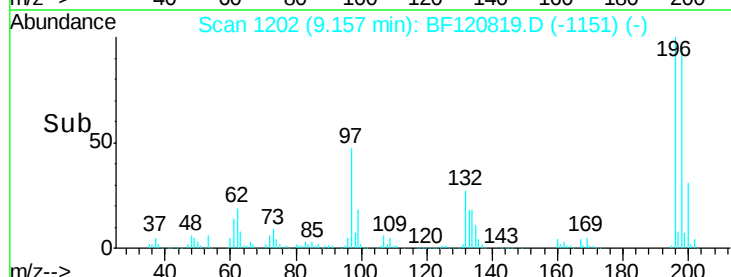
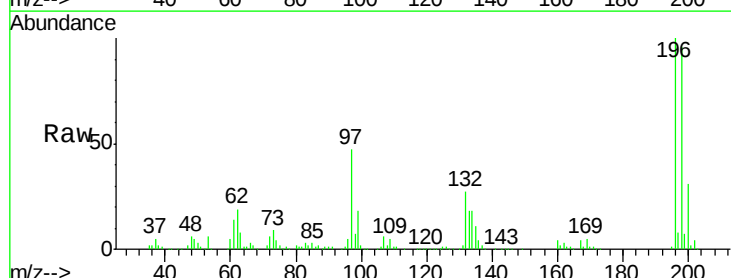
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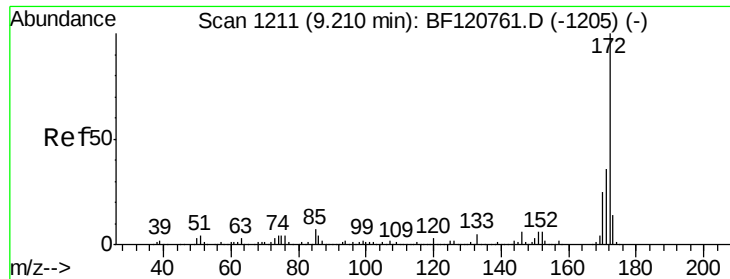
mohammad
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#44
 2,4,5-Trichlorophenol
 Concen: 40.099 ng
 RT: 9.16 min Scan# 1202
 Delta R.T. 0.00 min
 Lab File: BF120819.D
 Acq: 10 Jul 2020 8:50

Tgt Ion	Ratio	Resp	Lower	Upper
196	100	233294		
198	96.2	76.2	114.2	
97	46.9	39.6	59.4	
132	26.8	22.0	33.0	





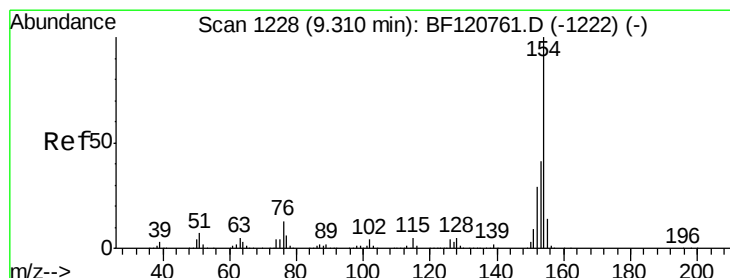
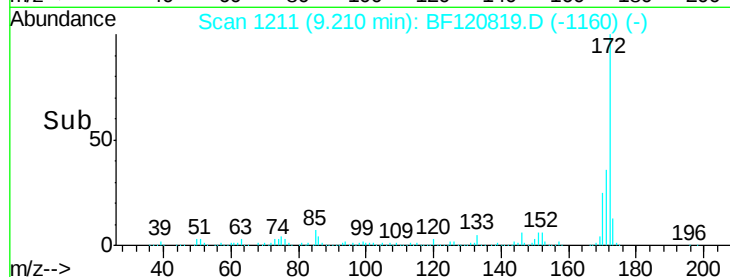
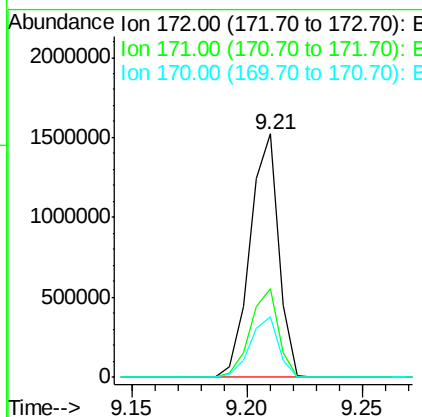
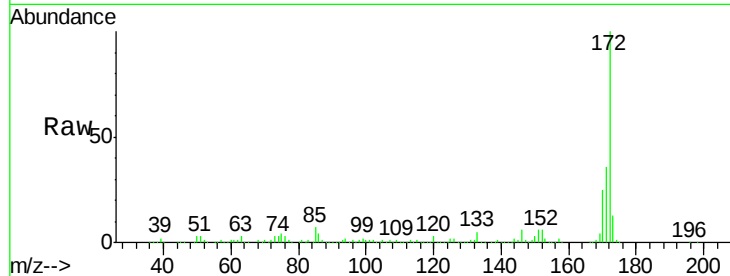
#45
2-Fluorobiphenyl
Concen: 78.576 ng
RT: 9.21 min Scan# 1211
Delta R.T. 0.00 min
Lab File: BF120819.D
Acq: 10 Jul 2020 8:50

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
172	100		
171	36.2	29.1	43.7
170	24.9	19.8	29.6

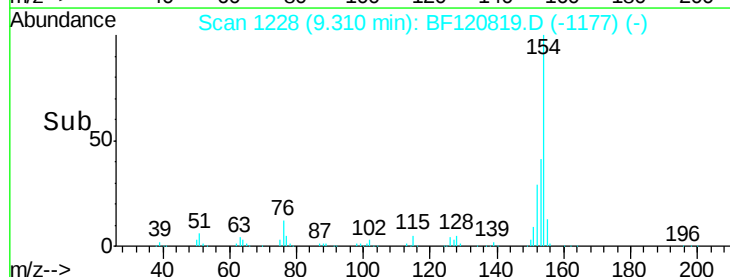
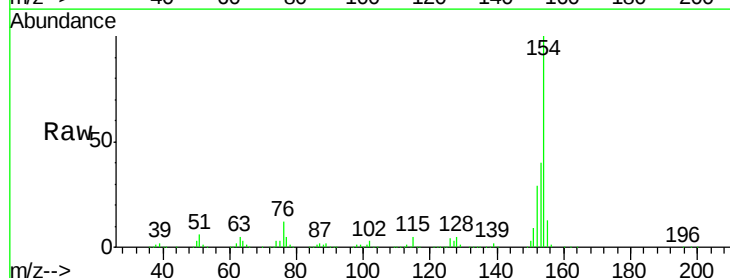
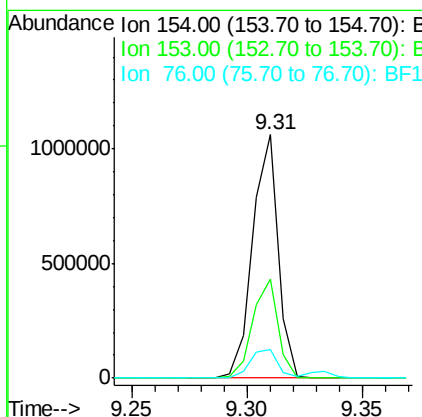
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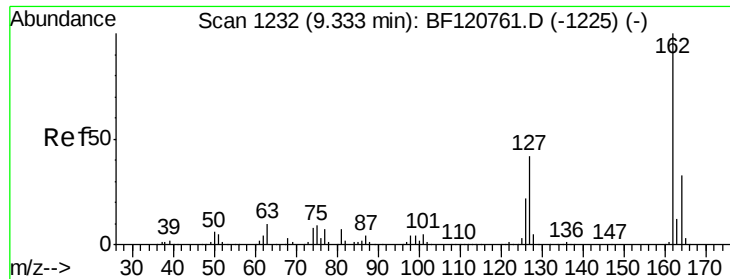
mohammad
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#46
1,1'-Biphenyl
Concen: 39.928 ng
RT: 9.31 min Scan# 1228
Delta R.T. 0.00 min
Lab File: BF120819.D
Acq: 10 Jul 2020 8:50

Tgt Ion	Ratio	Lower	Upper
154	100		
153	40.5	20.7	60.7
76	11.7	0.0	33.3





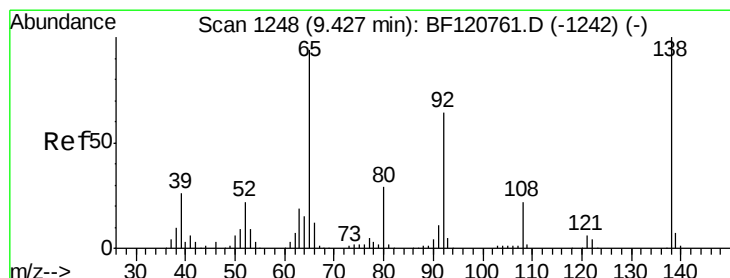
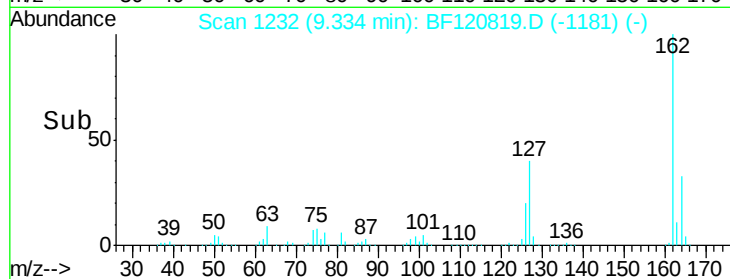
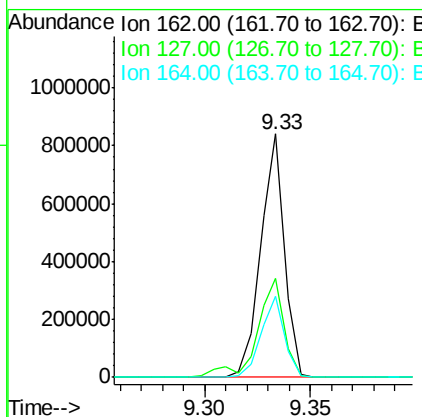
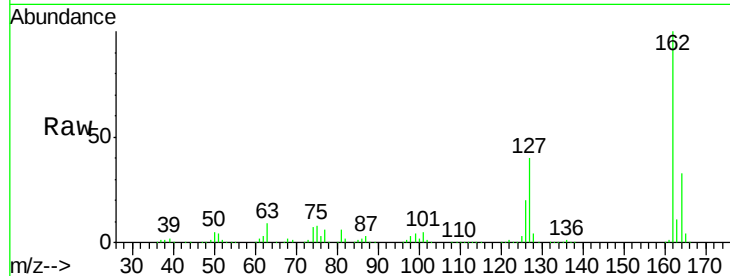
#47
 2-Chloronaphthalene
 Concen: 39.815 ng
 RT: 9.33 min Scan# 1232
 Delta R.T. 0.00 min
 Lab File: BF120819.D
 Acq: 10 Jul 2020 8:50

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tot Ion	Ratio	Lower	Upper
162	100		
127	40.4	33.7	50.5
164	33.1	26.4	39.6

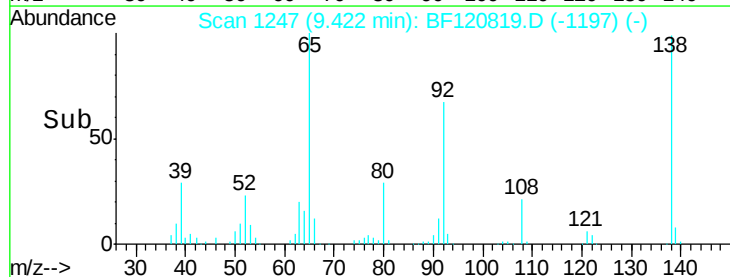
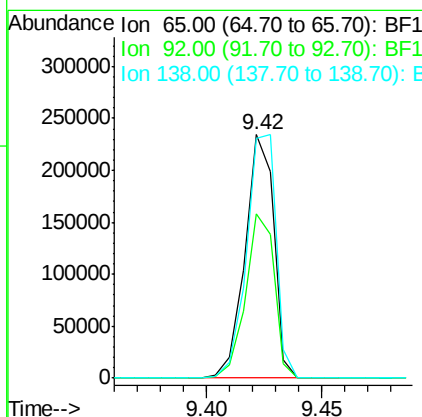
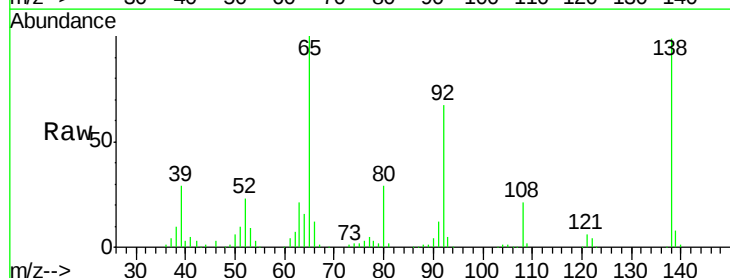
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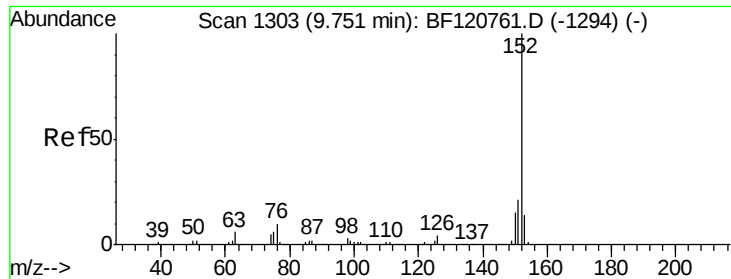
mohammad
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#48
 2-Nitroaniline
 Concen: 41.874 ng
 RT: 9.42 min Scan# 1247
 Delta R.T. -0.01 min
 Lab File: BF120819.D
 Acq: 10 Jul 2020 8:50

Tgt Ion	Ratio	Lower	Upper
65	100		
92	67.4	54.4	81.6
138	98.6	84.7	127.1





#49

Acenaphthylene

Concen: 38.520 ng

RT: 9.75 min Scan# 1302

Delta R.T. -0.01 min

Lab File: BF120819.D

Acq: 10 Jul 2020 8:50

Instrument :

BNA_F

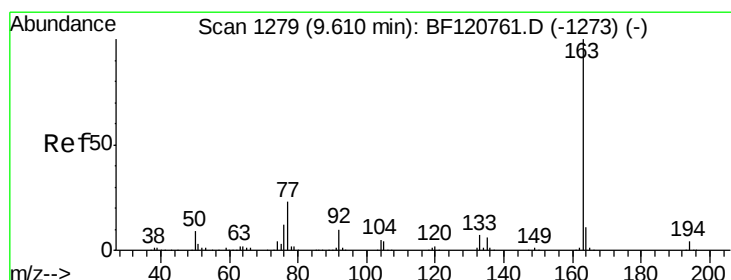
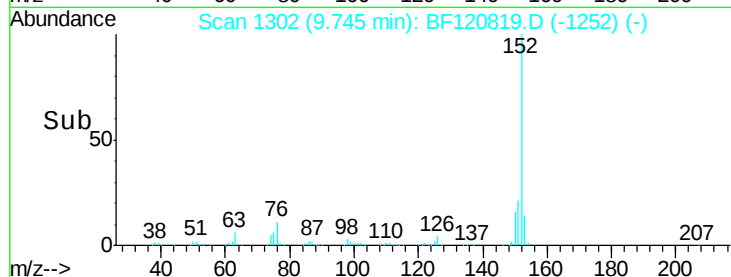
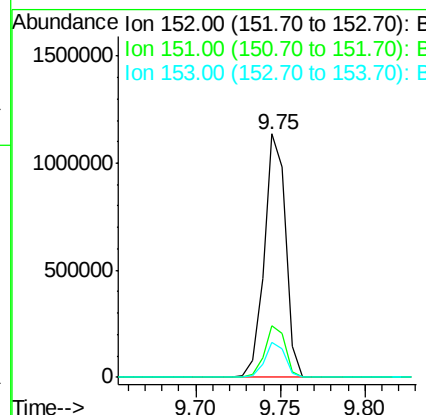
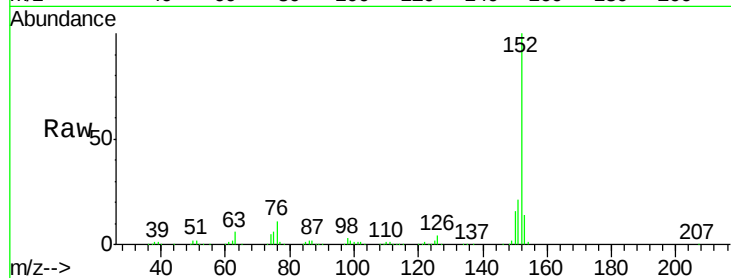
ClientSampleId :

SSTDCCC040

Tot Ion:	152	Resp:	993477
Ion Ratio	Lower	Upper	
152	100		
151	21.3	16.9	25.3
153	14.1	10.8	16.2

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#50

Dimethylphthalate

Concen: 38.831 ng

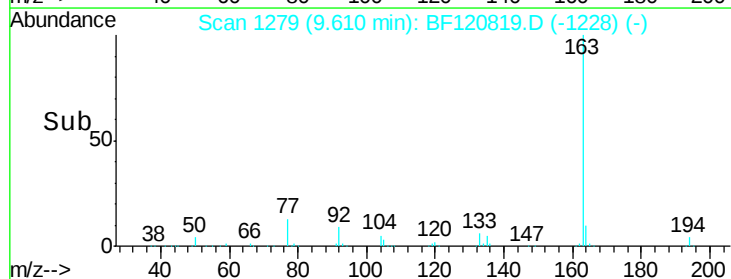
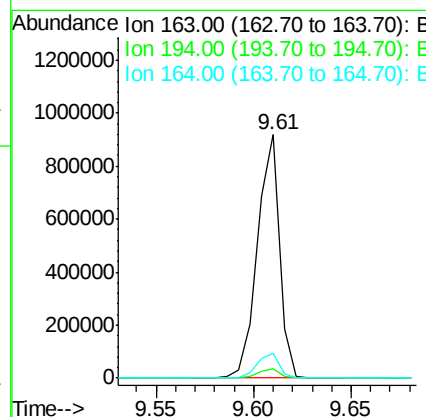
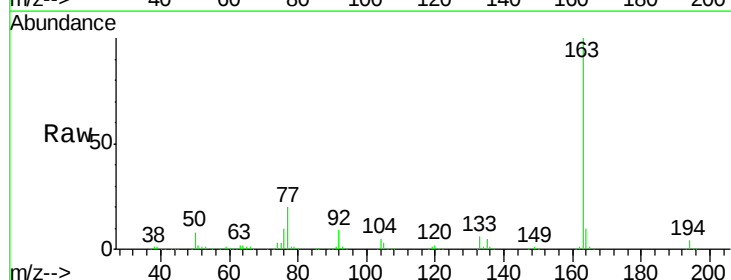
RT: 9.61 min Scan# 1279

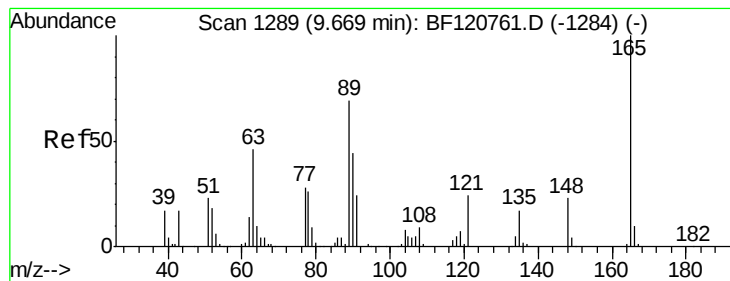
Delta R.T. 0.00 min

Lab File: BF120819.D

Acq: 10 Jul 2020 8:50

Tgt Ion:	163	Resp:	721098
Ion Ratio	Lower	Upper	
163	100		
194	3.8	2.9	4.3
164	10.1	8.5	12.7





#51

2,6-Dinitrotoluene

Concen: 40.431 ng

RT: 9.67 min Scan# 1289

Delta R.T. 0.00 min

Lab File: BF120819.D

Acq: 10 Jul 2020 8:50

Instrument :

BNA_F

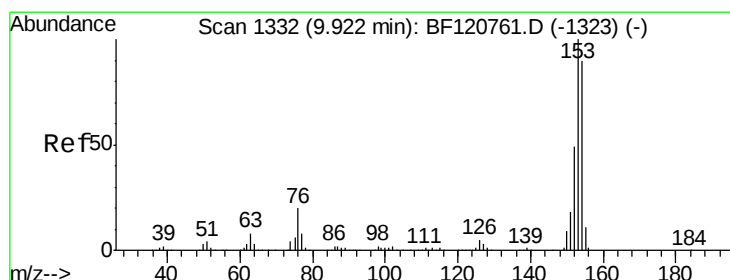
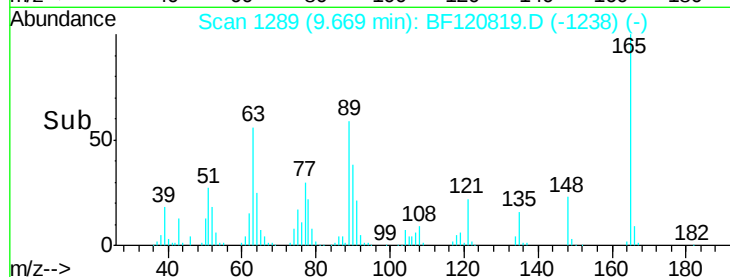
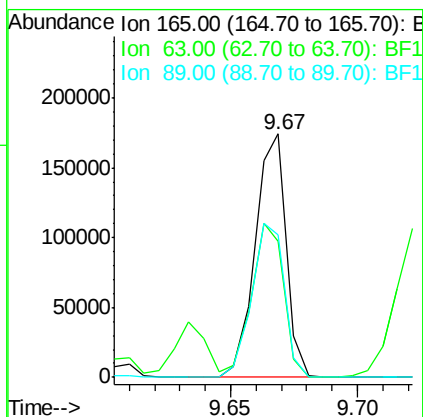
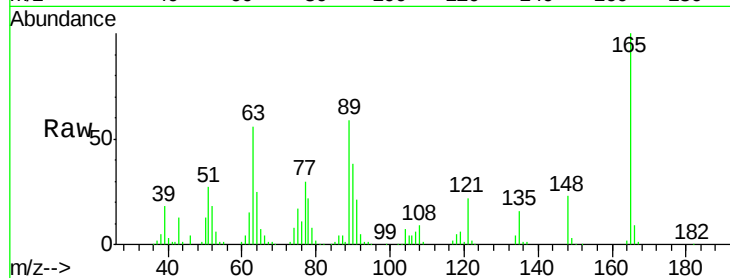
ClientSampleId :

SSTDCCC040

Tot Ion:	165	Resp:	147825
Ion Ratio	Lower	Upper	
165	100		
63	55.8	54.0	81.0
89	58.7	55.4	83.2

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#52

Acenaphthene

Concen: 39.246 ng

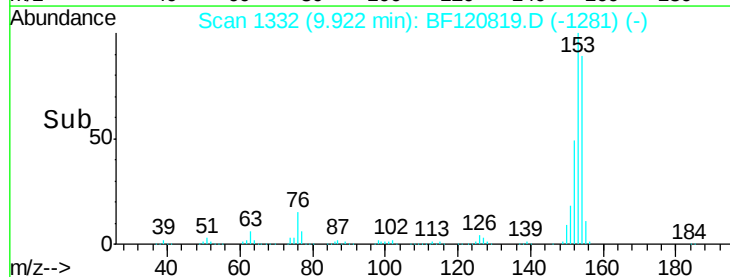
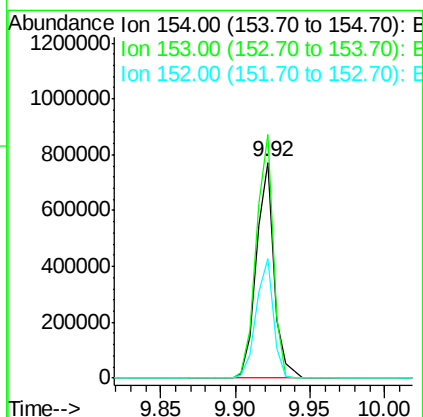
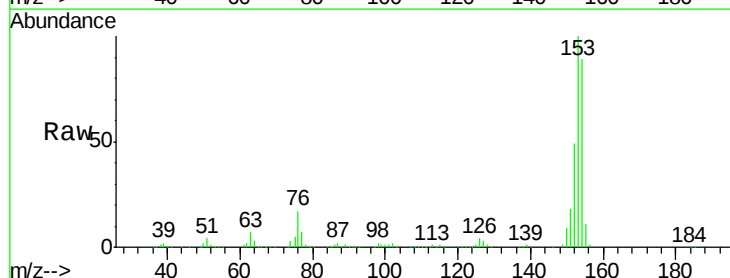
RT: 9.92 min Scan# 1332

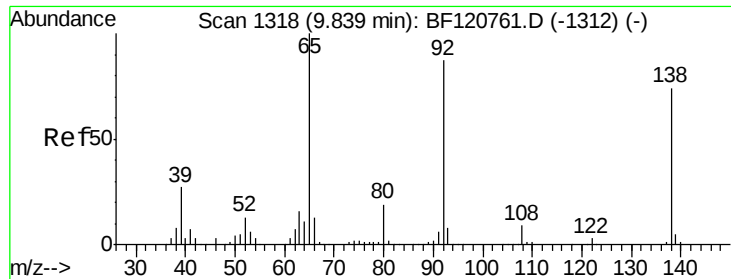
Delta R.T. 0.00 min

Lab File: BF120819.D

Acq: 10 Jul 2020 8:50

Tgt Ion:	154	Resp:	627937
Ion Ratio	Lower	Upper	
154	100		
153	112.9	88.6	132.8
152	55.3	43.6	65.4





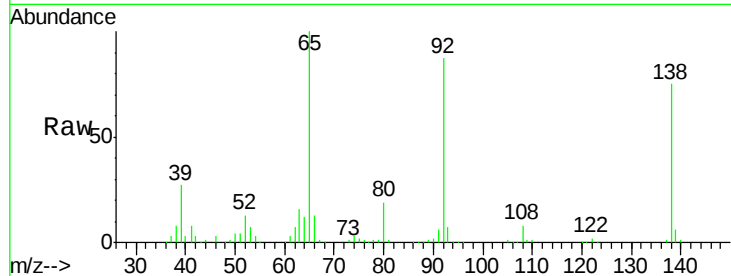
#53
3-Nitroaniline
Concen: 40.424 ng
RT: 9.83 min Scan# 1317
Delta R.T. -0.01 min
Lab File: BF120819.D
Acq: 10 Jul 2020 8:50

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

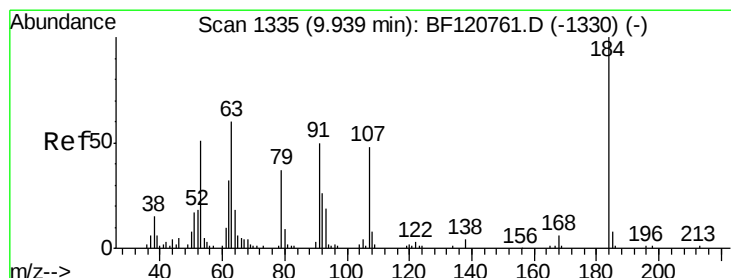
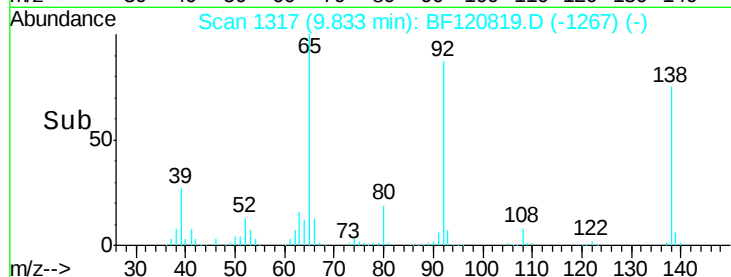
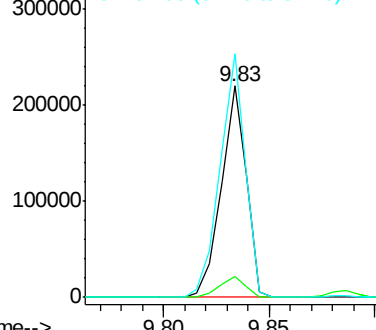
Tot Ion	Ratio	Lower	Upper
138	100		
108	10.2	9.8	14.6
92	115.3	93.4	140.2

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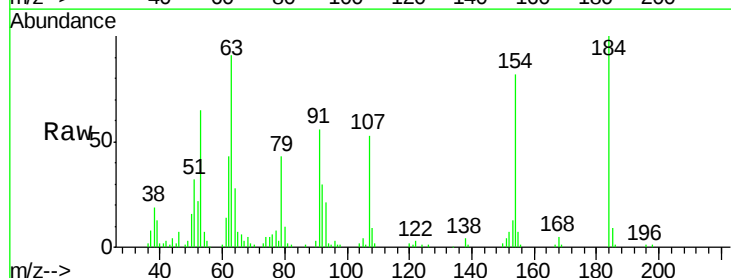


Abundance Ion 138.00 (137.70 to 138.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 92.00 (91.70 to 92.70): BF1

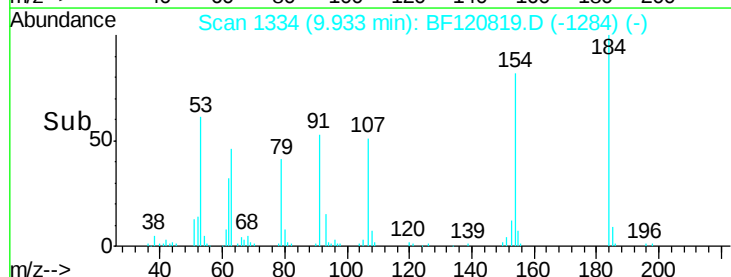
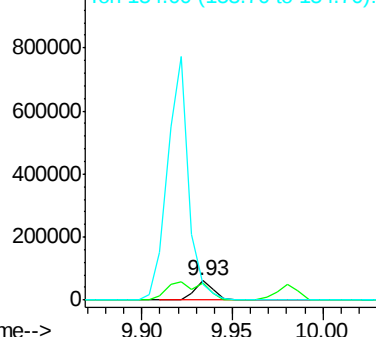


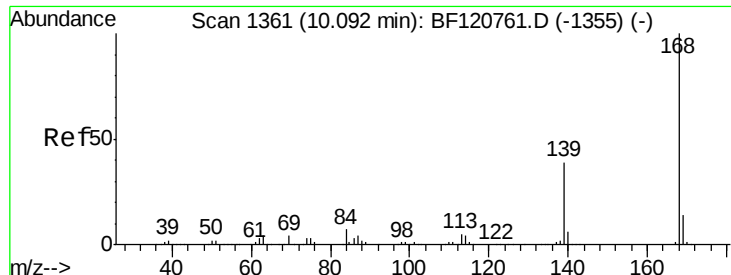
#54
2,4-Dinitrophenol
Concen: 37.501 ng
RT: 9.93 min Scan# 1334
Delta R.T. -0.01 min
Lab File: BF120819.D
Acq: 10 Jul 2020 8:50

Tgt Ion	Ratio	Lower	Upper
184	100		
63	91.4	57.3	85.9#
154	81.6	55.8	83.6



Abundance Ion 184.00 (183.70 to 184.70): E
Ion 63.00 (62.70 to 63.70): BF1
Ion 154.00 (153.70 to 154.70): E





#55

Dibenzenofuran

Concen: 39.132 ng

RT: 10.09 min Scan# 1361

Delta R.T. 0.00 min

Lab File: BF120819.D

Acq: 10 Jul 2020 8:50

Instrument :

BNA_F

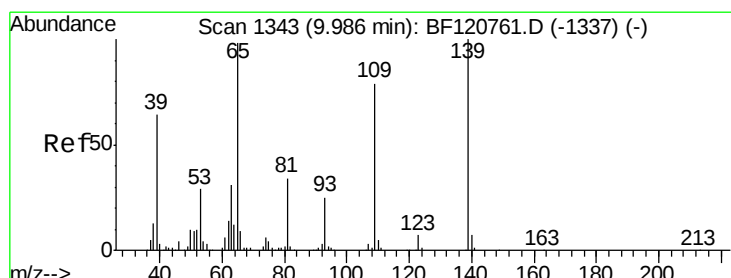
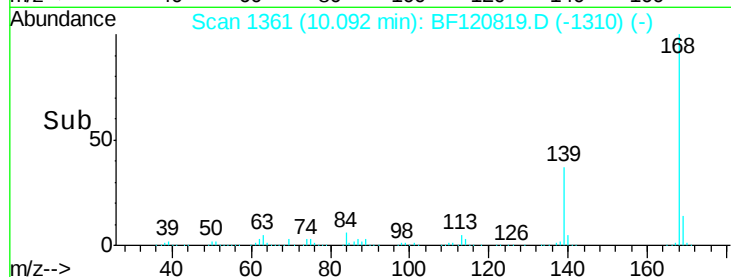
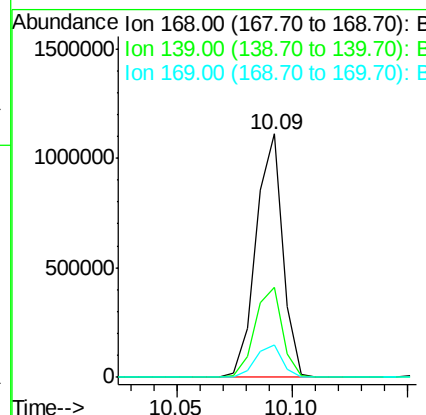
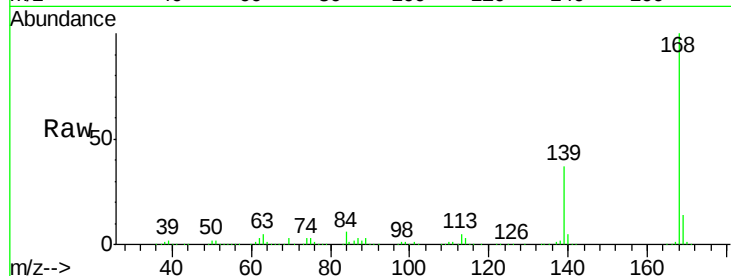
ClientSampleId :

SSTDCCC040

Tot Ion:	168	Resp:	902517
Ion Ratio	Lower	Upper	
168	100		
139	37.2	31.3	46.9
169	13.5	11.2	16.8

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#56

4-Nitrophenol

Concen: 38.810 ng

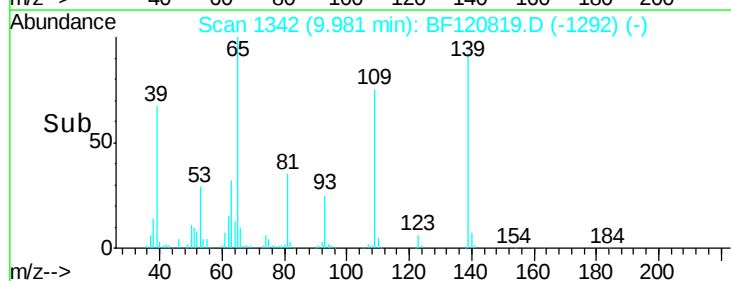
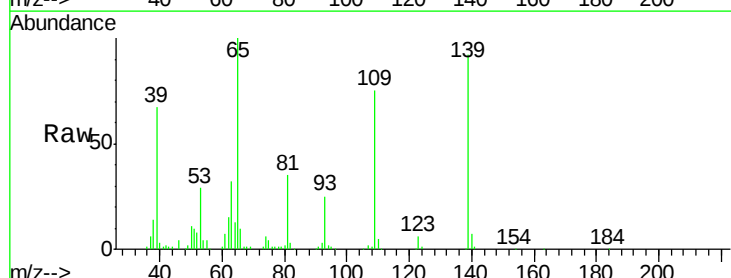
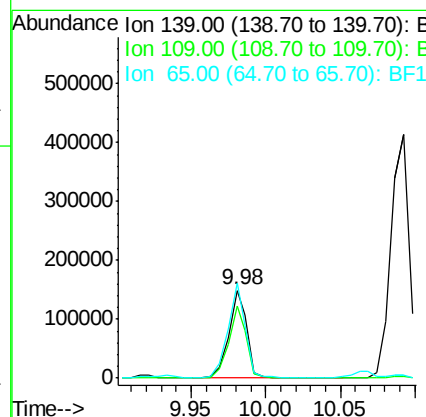
RT: 9.98 min Scan# 1342

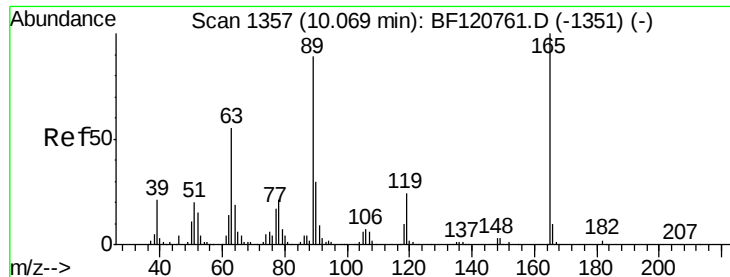
Delta R.T. -0.01 min

Lab File: BF120819.D

Acq: 10 Jul 2020 8:50

Tgt Ion:	139	Resp:	128407
Ion Ratio	Lower	Upper	
139	100		
109	81.8	58.6	98.6
65	108.6	78.7	118.7





#57

2,4-Dinitrotoluene

Concen: 42.211 ng

RT: 10.07 min Scan# 1357

Delta R.T. 0.00 min

Lab File: BF120819.D

Acq: 10 Jul 2020 8:50

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

Tot Ion:165 Resp: 192229
Ion Ratio Lower Upper

165 100

63 42.8 43.8 65.8#

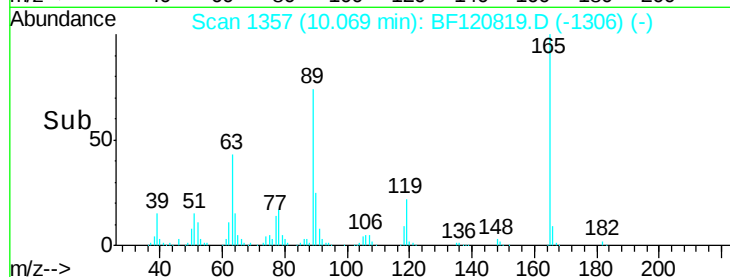
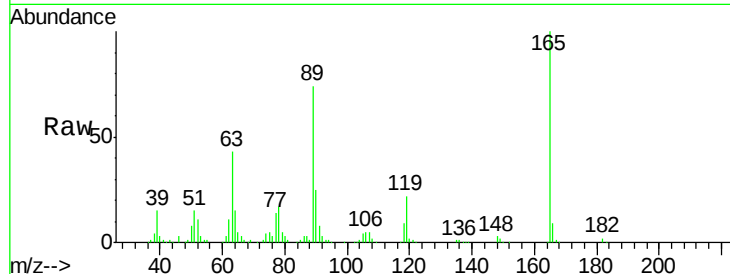
89 73.9 71.4 107.2

182 2.5 1.8 2.6

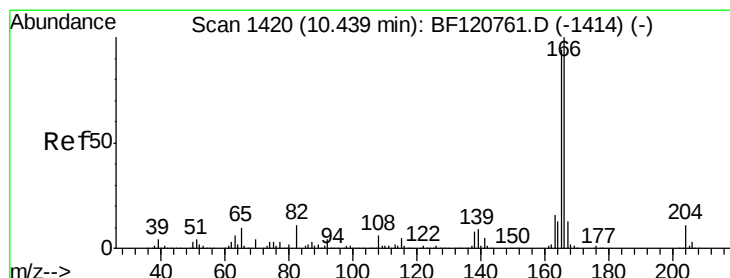
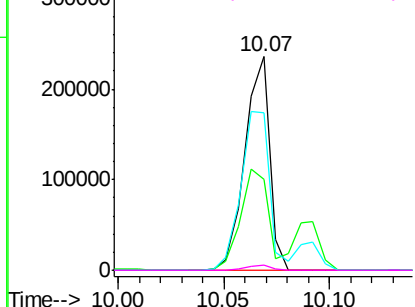
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Abundance Ion 165.00 (164.70 to 165.70): E
Ion 63.00 (62.70 to 63.70): BF1
Ion 89.00 (88.70 to 89.70): BF1
Ion 182.00 (181.70 to 182.70): E



#58

Fluorene

Concen: 39.221 ng

RT: 10.43 min Scan# 1419

Delta R.T. -0.01 min

Lab File: BF120819.D

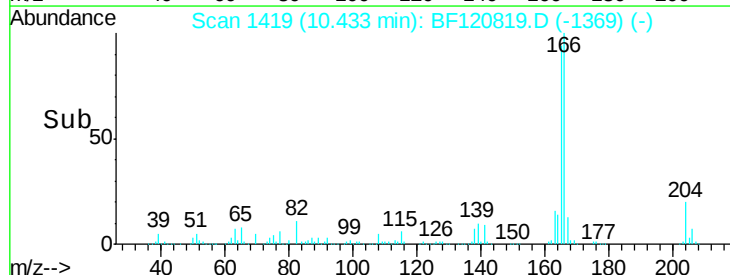
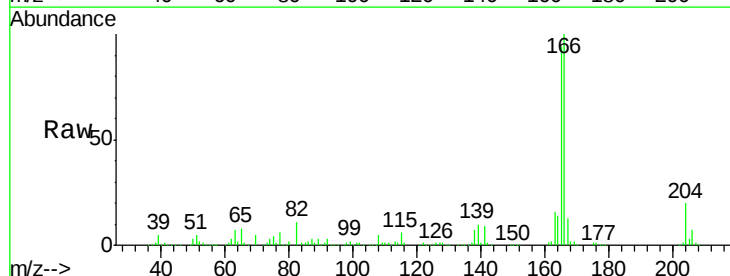
Acq: 10 Jul 2020 8:50

Tgt Ion:166 Resp: 673298
Ion Ratio Lower Upper

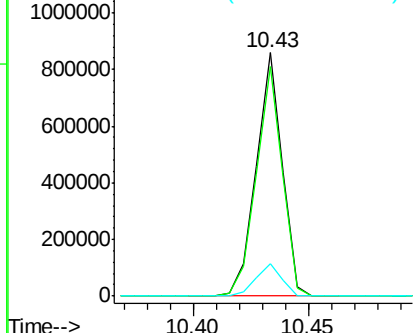
166 100

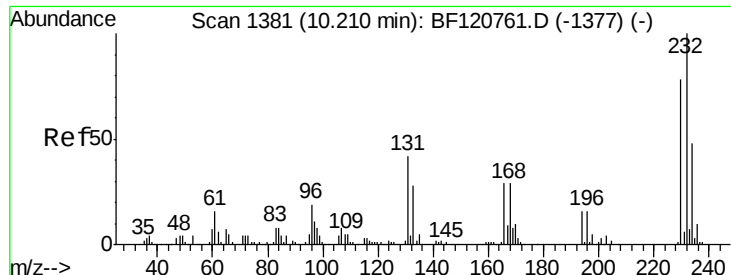
165 94.2 75.5 113.3

167 13.4 10.6 16.0



Abundance Ion 166.00 (165.70 to 166.70): E
Ion 165.00 (164.70 to 165.70): E
Ion 167.00 (166.70 to 167.70): E





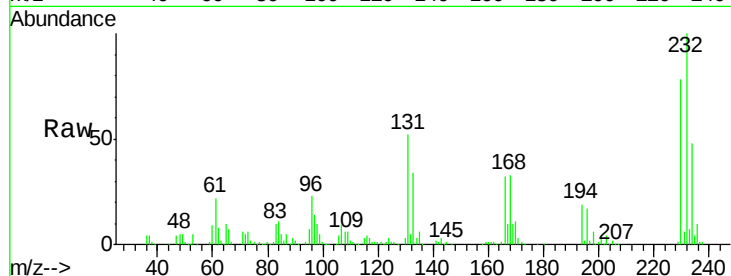
#59
2,3,4,6-Tetrachlorophenol
Concen: 38.502 ng/ml
RT: 10.20 min Scan# 1380
Delta R.T. -0.01 min
Lab File: BF120819.D
Acq: 10 Jul 2020 8:50

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ion	Ratio	Resp	Lower	Upper
232	100		166694		
131	45.6	36.3	54.5		
130	2.5	2.0	3.0		
166	25.5	20.9	31.3		

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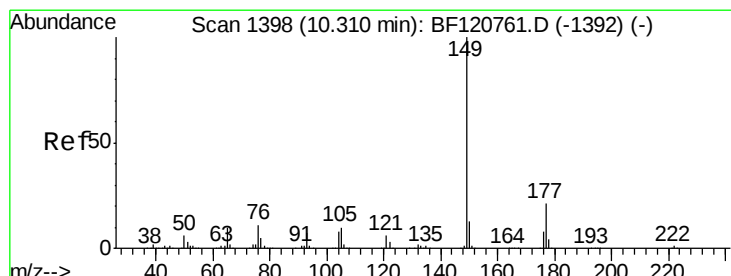
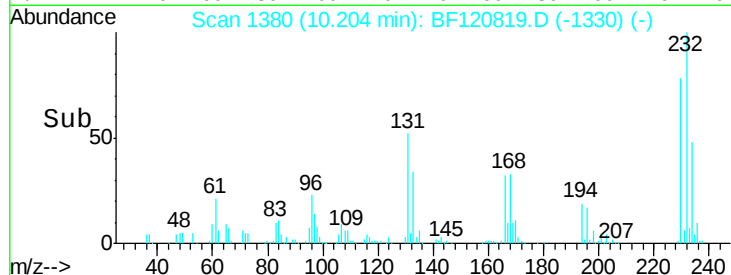
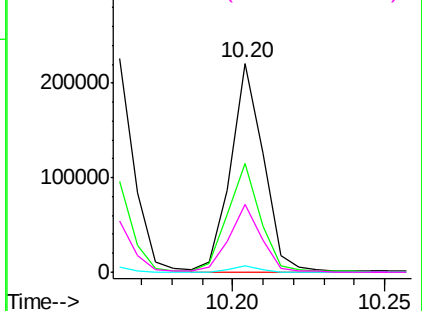


Abundance Ion 232.00 (231.70 to 232.70): E

Ion 131.00 (130.70 to 131.70): E

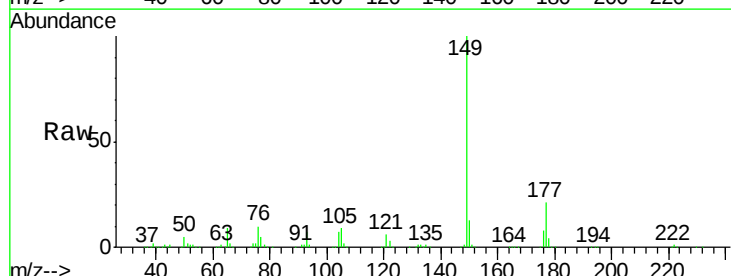
Ion 130.00 (129.70 to 130.70): E

Ion 166.00 (165.70 to 166.70): E



#60
Diethylphthalate
Concen: 38.524 ng/ml
RT: 10.31 min Scan# 1398
Delta R.T. 0.00 min
Lab File: BF120819.D
Acq: 10 Jul 2020 8:50

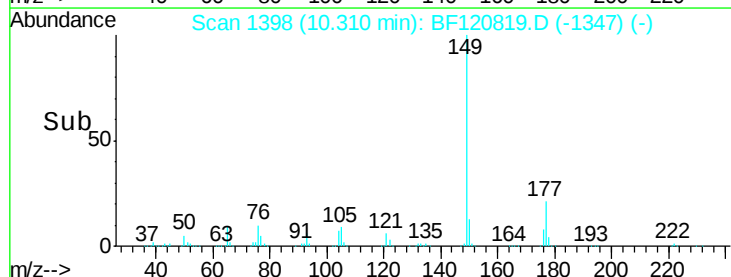
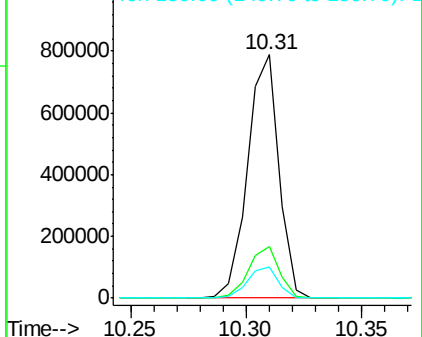
Tgt Ion	Ion	Ratio	Resp	Lower	Upper
149	100		745230		
177	21.4	16.4	24.6		
150	12.5	10.2	15.4		

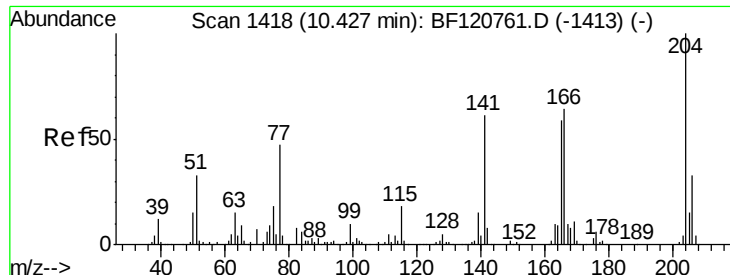


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 177.00 (176.70 to 177.70): E

Ion 150.00 (149.70 to 150.70): E





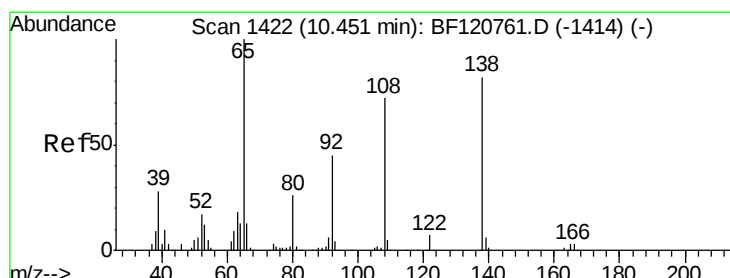
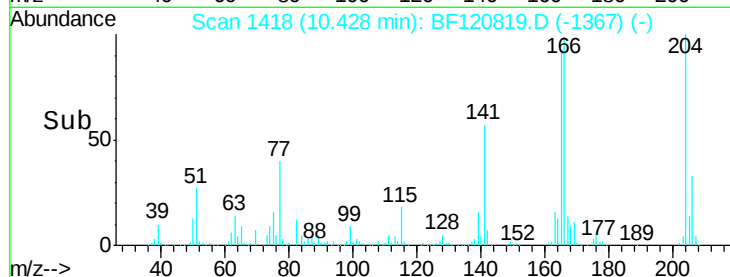
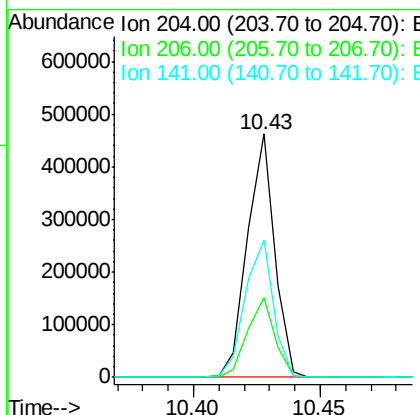
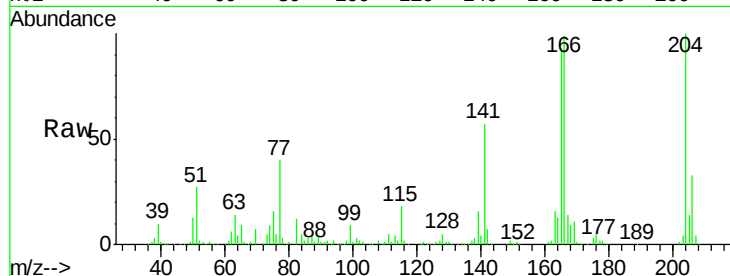
#61
4-Chlorophenyl-phenylether
Concen: 40.172 ng
RT: 10.43 min Scan# 1418
Delta R.T. 0.00 min
Lab File: BF120819.D
Acq: 10 Jul 2020 8:50

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
204	100		
206	32.7	26.7	40.1
141	56.7	48.5	72.7

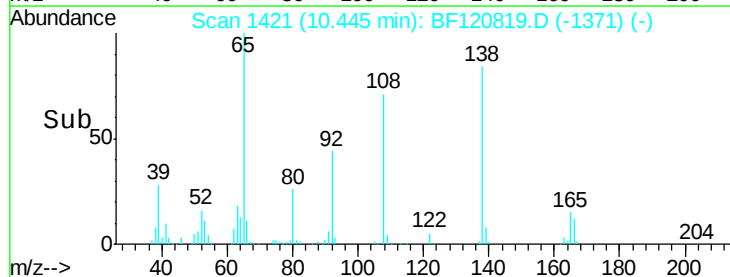
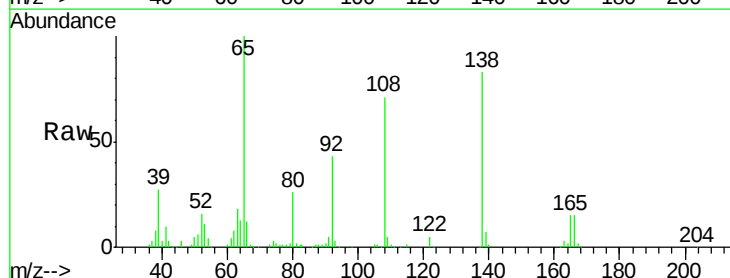
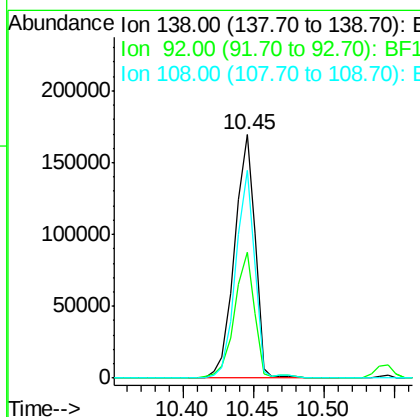
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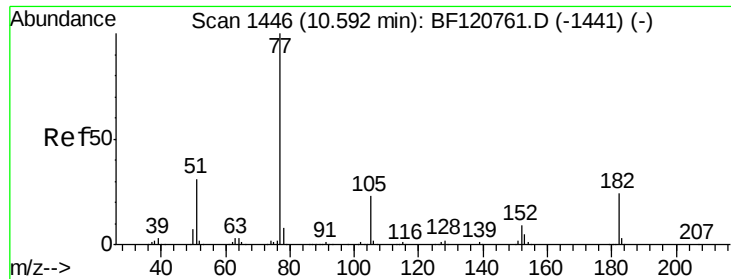
mohammad
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#62
4-Nitroaniline
Concen: 43.429 ng
RT: 10.45 min Scan# 1421
Delta R.T. -0.01 min
Lab File: BF120819.D
Acq: 10 Jul 2020 8:50

Tgt Ion	Ratio	Lower	Upper
138	100		
92	51.8	34.3	74.3
108	85.3	68.3	108.3





#63

Azobenzene

Concen: 37.807 ng

RT: 10.59 min Scan# 1445

Delta R.T. -0.01 min

Lab File: BF120819.D

Acq: 10 Jul 2020 8:50

Instrument :

BNA_F

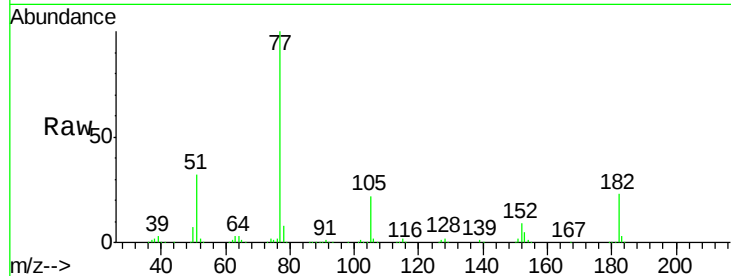
ClientSampleId :

SSTDCCC040

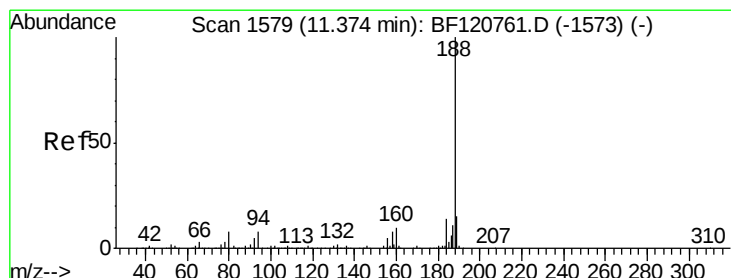
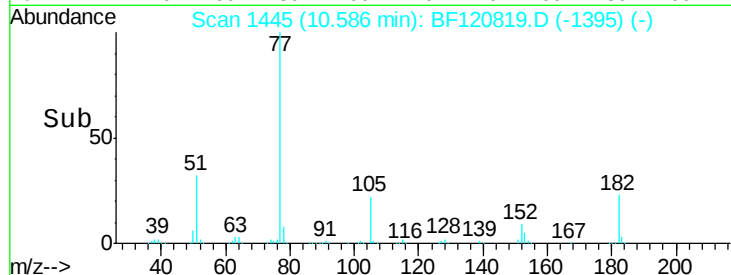
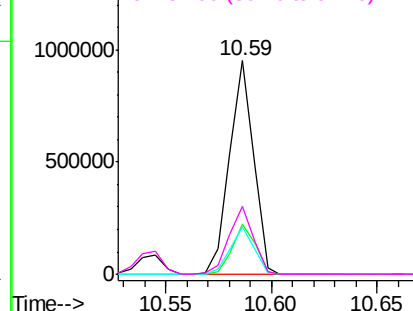
Tot Ion	Ratio	Resp Lower	Upper
77	100		
182	23.3	4.0	44.0
105	22.1	2.6	42.6
51	31.7	11.5	51.5

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Abundance Ion 77.00 (76.70 to 77.70): BF1
Ion 182.00 (181.70 to 182.70): E
Ion 105.00 (104.70 to 105.70): E
Ion 51.00 (50.70 to 51.70): BF1



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.37 min Scan# 1578

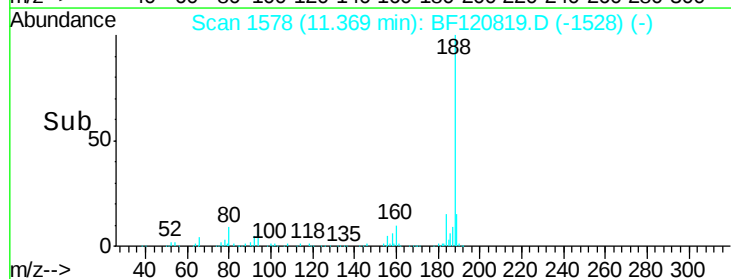
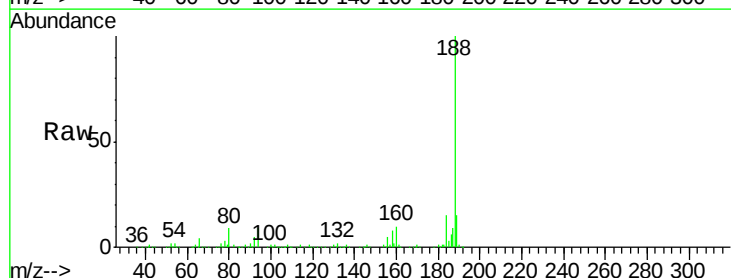
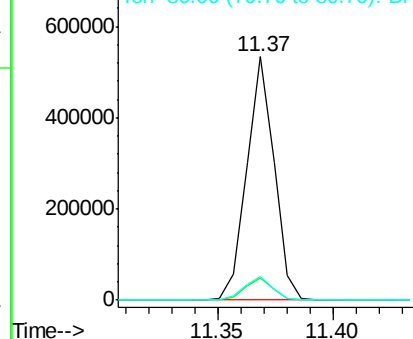
Delta R.T. -0.01 min

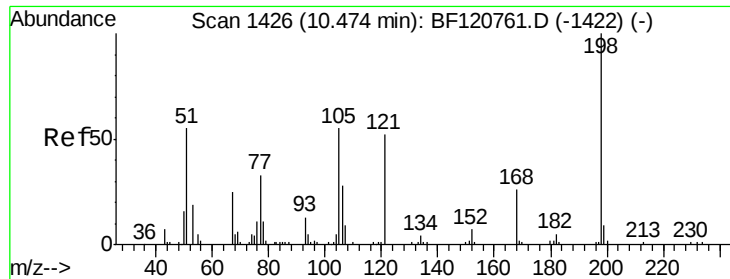
Lab File: BF120819.D

Acq: 10 Jul 2020 8:50

Tgt Ion	Ratio	Resp Lower	Upper
188	100		
94	9.1	6.6	9.8
80	9.4	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





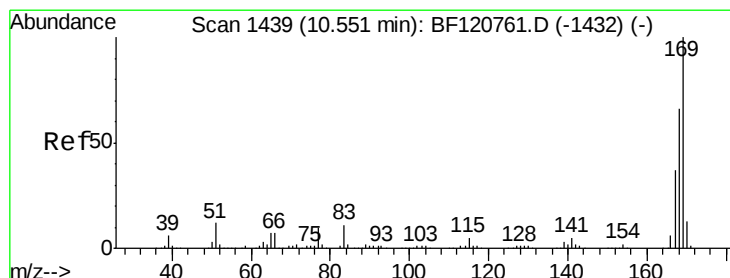
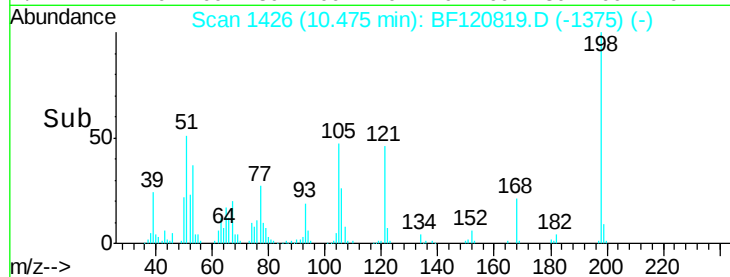
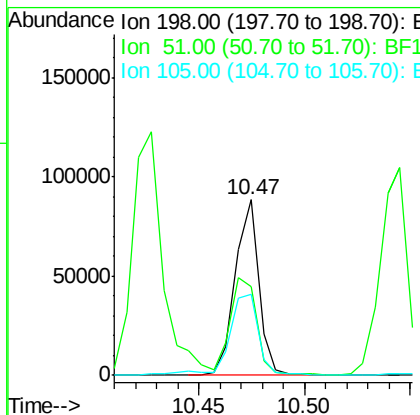
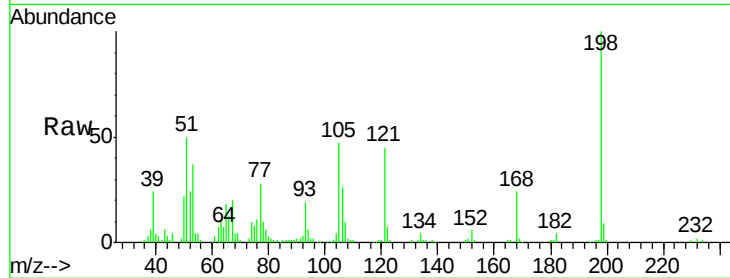
#65
4,6-Dinitro-2-methylphenol
Concen: 38.288 ng
RT: 10.47 min Scan# 1426
Delta R.T. 0.00 min
Lab File: BF120819.D
Acq: 10 Jul 2020 8:50

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
198	100		
51	50.3	50.0	90.0
105	46.6	38.3	78.3

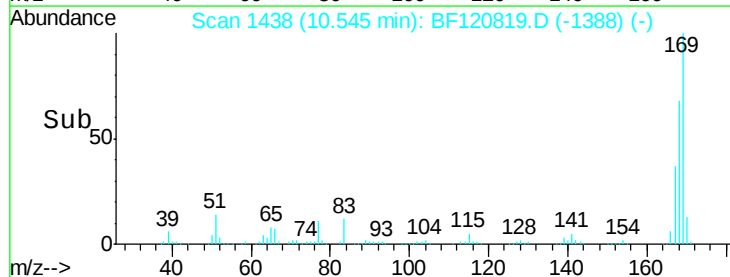
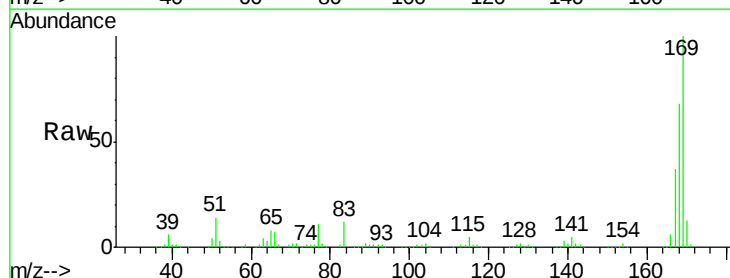
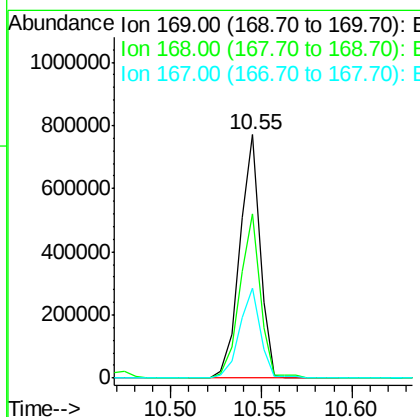
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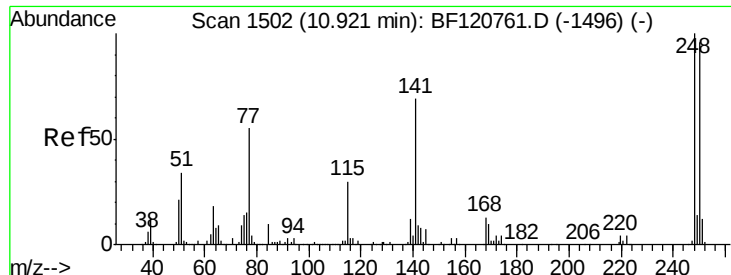
mohammad
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#66
n-Nitrosodiphenylamine
Concen: 40.243 ng
RT: 10.55 min Scan# 1438
Delta R.T. -0.01 min
Lab File: BF120819.D
Acq: 10 Jul 2020 8:50

Tgt Ion	Ratio	Lower	Upper
169	100		
168	67.7	53.1	79.7
167	37.0	29.6	44.4





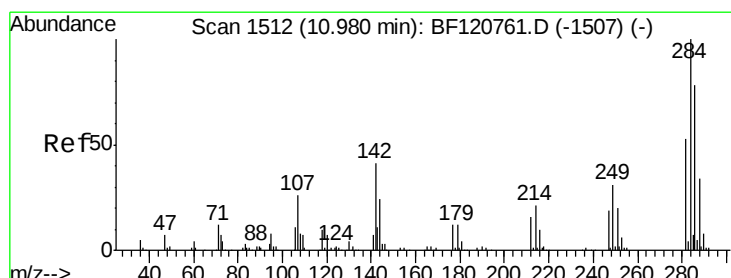
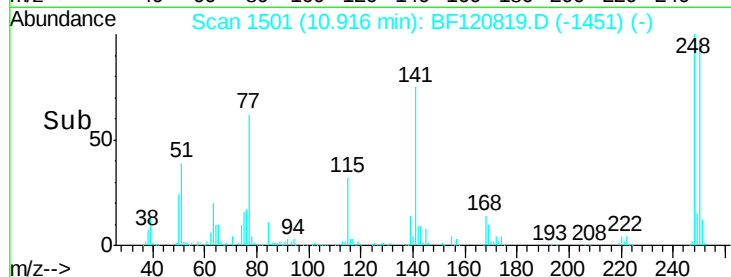
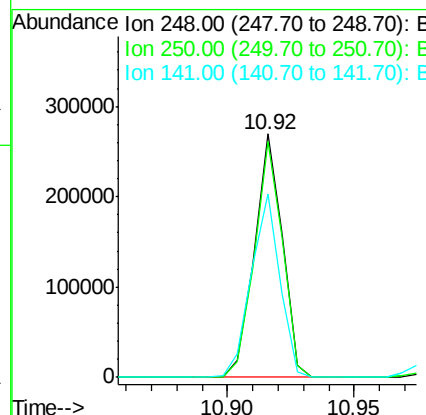
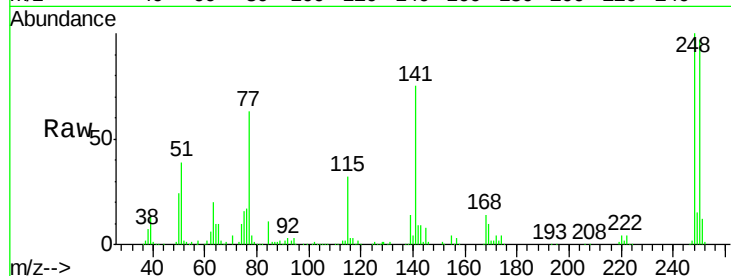
#67
 4-Bromophenyl-phenylether
 Concen: 40.278 ng
 RT: 10.92 min Scan# 1501
 Delta R.T. -0.01 min
 Lab File: BF120819.D
 Acq: 10 Jul 2020 8:50

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tot Ion	Ratio	Lower	Upper
248	100		
250	96.7	76.5	114.7
141	75.4	54.9	82.3

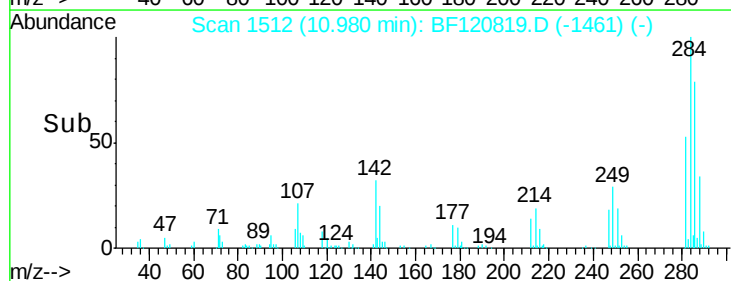
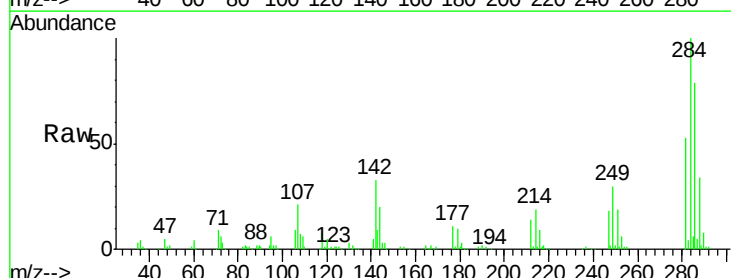
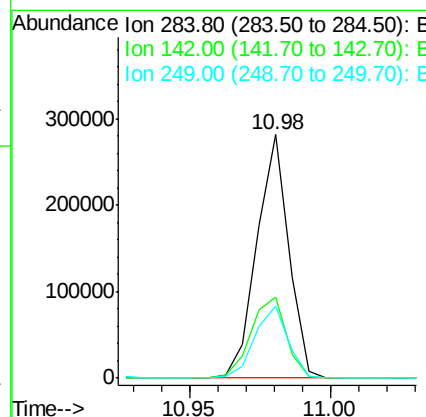
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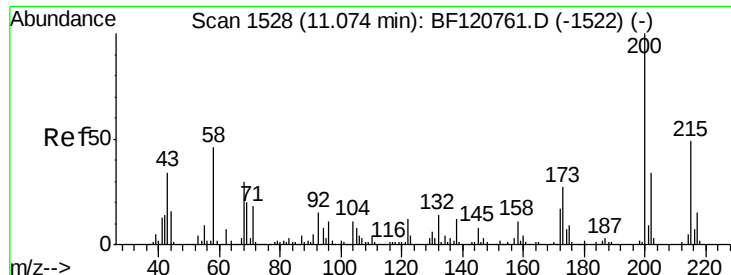
mohammad
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#68
 Hexachlorobenzene
 Concen: 40.841 ng
 RT: 10.98 min Scan# 1512
 Delta R.T. 0.00 min
 Lab File: BF120819.D
 Acq: 10 Jul 2020 8:50

Tgt Ion	Ratio	Lower	Upper
284	100		
142	33.1	32.5	48.7
249	29.6	24.8	37.2





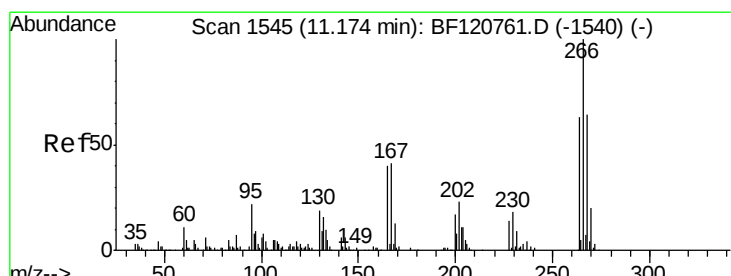
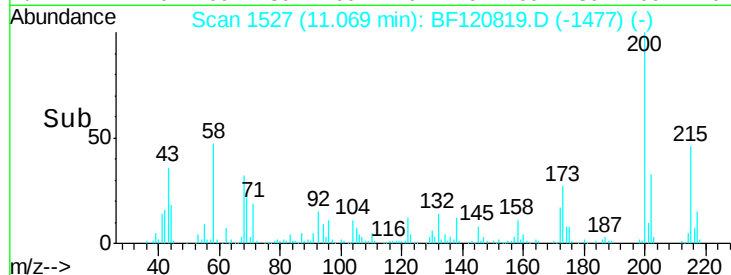
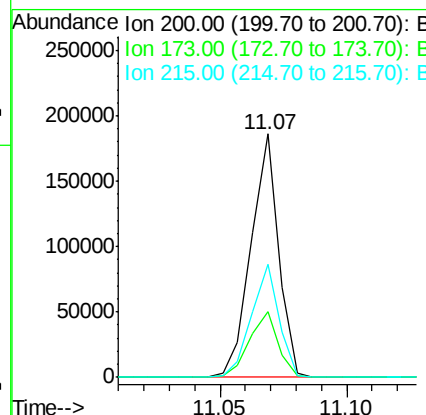
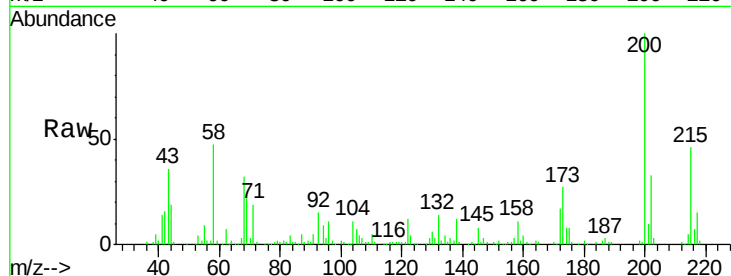
#69
 Atrazine
 Concen: 36.831 ng
 RT: 11.07 min Scan# 1527
 Delta R.T. -0.01 min
 Lab File: BF120819.D
 Acq: 10 Jul 2020 8:50

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tot Ion	Ratio	Lower	Upper
200	100		
173	27.0	7.4	47.4
215	46.4	28.8	68.8

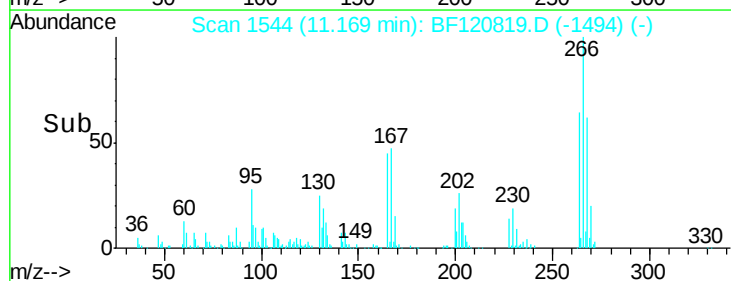
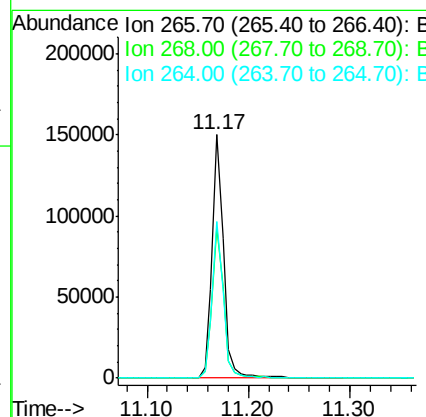
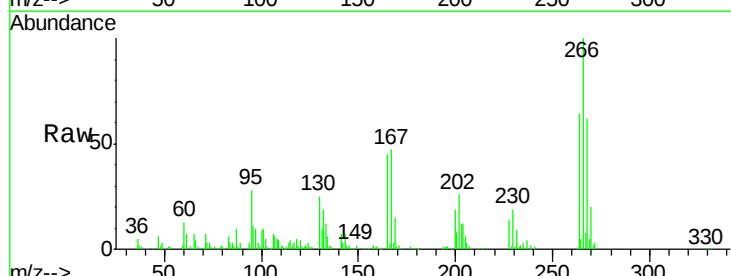
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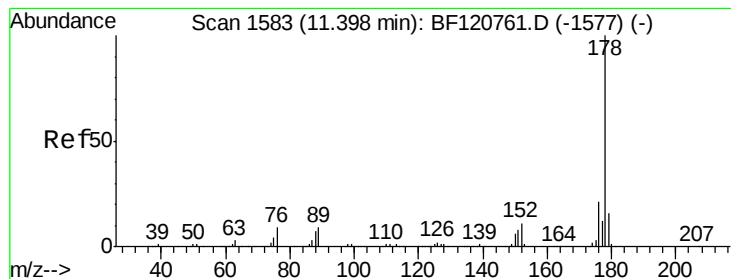
mohammad
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#70
 Pentachlorophenol
 Concen: 38.792 ng
 RT: 11.17 min Scan# 1544
 Delta R.T. -0.01 min
 Lab File: BF120819.D
 Acq: 10 Jul 2020 8:50

Tgt Ion	Ratio	Lower	Upper
266	100		
268	61.6	51.4	77.2
264	64.3	50.6	75.8





#71

Phenanthrene

Concen: 40.017 ng

RT: 11.39 min Scan# 1582

Delta R.T. -0.01 min

Lab File: BF120819.D

Acq: 10 Jul 2020 8:50

Instrument :

BNA_F

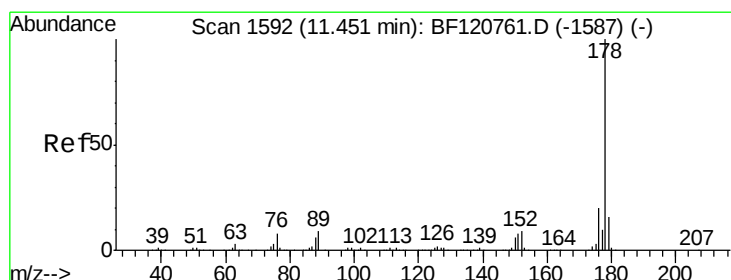
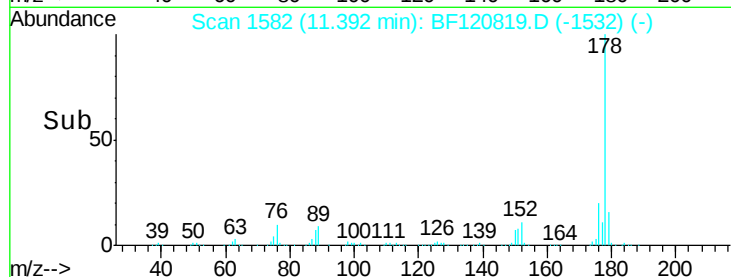
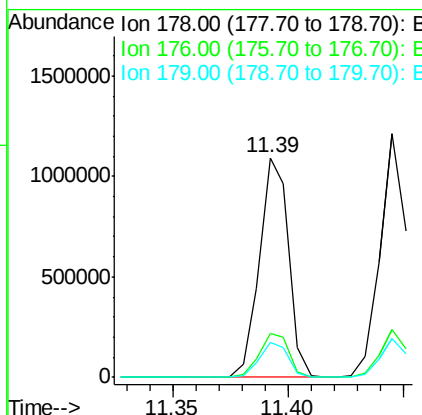
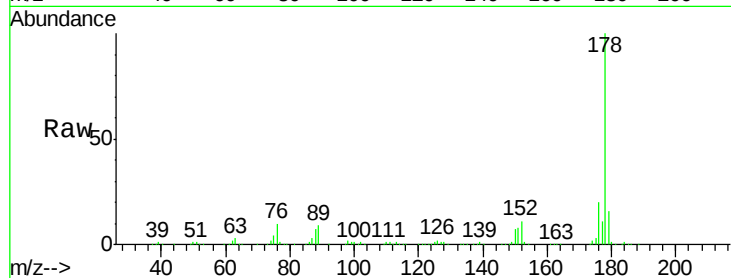
ClientSampleId :

SSTDCCC040

Tot Ion:	178	Resp:	962405
Ion Ratio	Lower	Upper	
178	100		
176	20.2	16.4	24.6
179	16.0	12.9	19.3

Manual Integrations
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#72

Anthracene

Concen: 39.399 ng

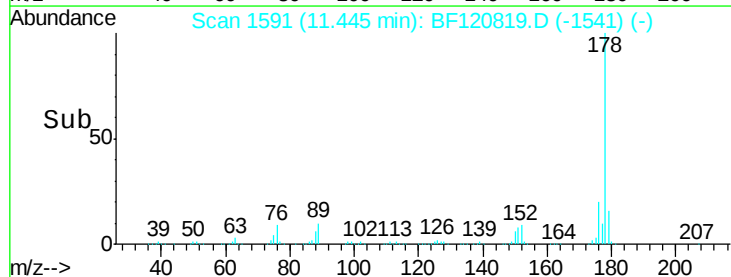
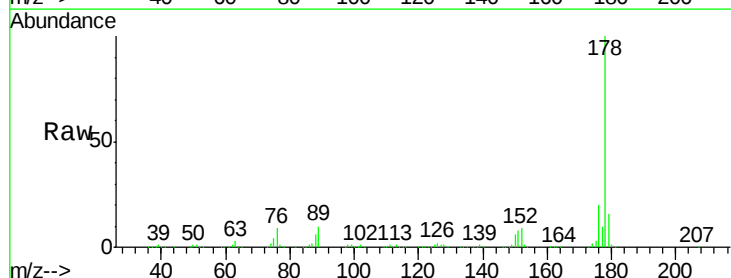
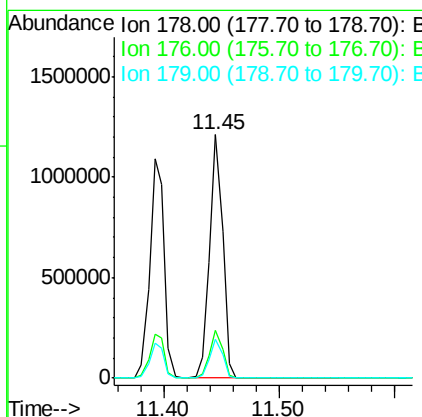
RT: 11.45 min Scan# 1591

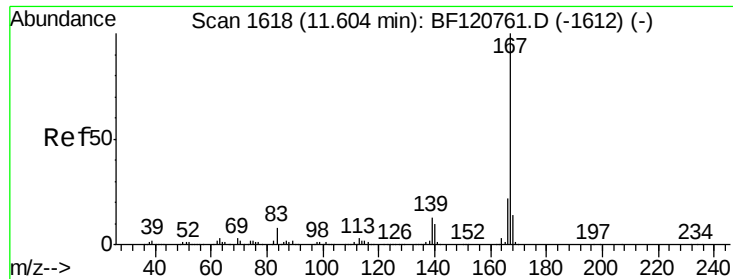
Delta R.T. -0.01 min

Lab File: BF120819.D

Acq: 10 Jul 2020 8:50

Tgt Ion:	178	Resp:	957497
Ion Ratio	Lower	Upper	
178	100		
176	19.8	16.2	24.2
179	15.8	12.7	19.1





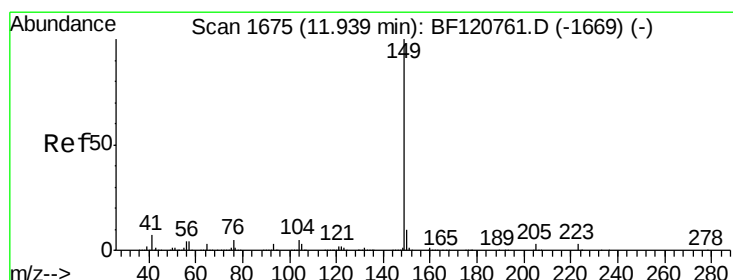
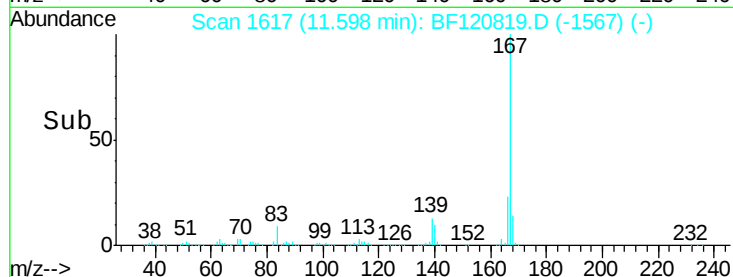
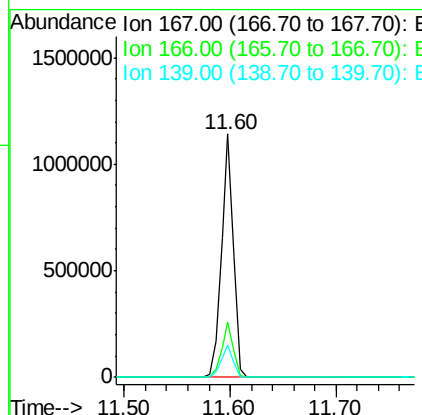
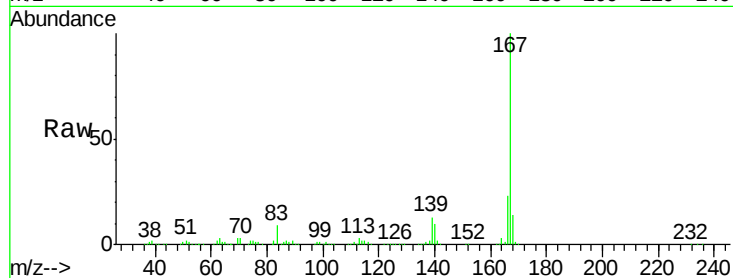
#73
 Carbazole
 Concen: 39.366 ng
 RT: 11.60 min Scan# 1617
 Delta R.T. -0.01 min
 Lab File: BF120819.D
 Acq: 10 Jul 2020 8:50

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tot Ion	Ratio	Lower	Upper
167	100		
166	22.9	17.8	26.8
139	13.3	10.7	16.1

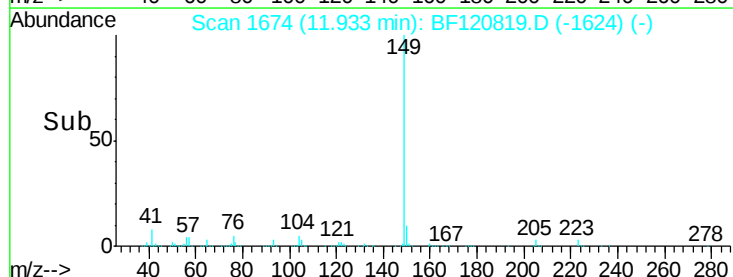
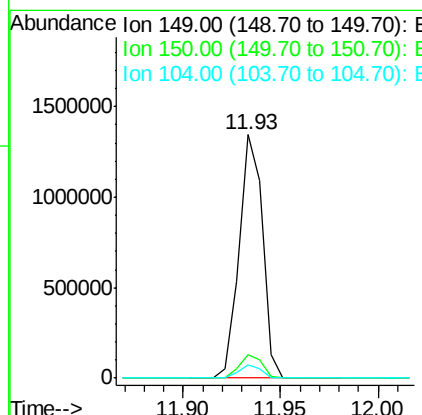
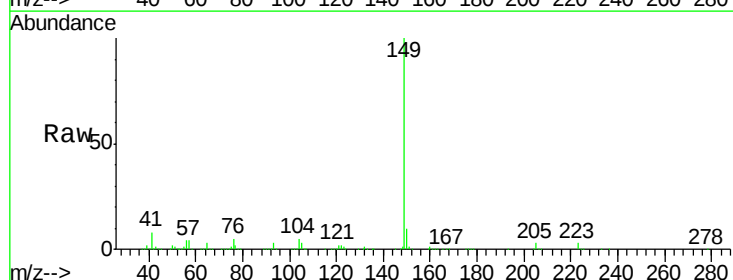
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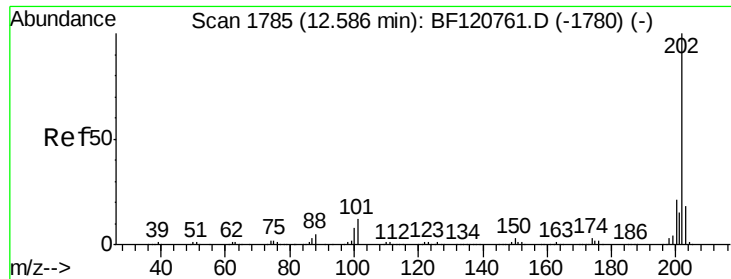
mohammad
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#74
 Di-n-butylphthalate
 Concen: 38.549 ng
 RT: 11.93 min Scan# 1674
 Delta R.T. -0.01 min
 Lab File: BF120819.D
 Acq: 10 Jul 2020 8:50

Tgt Ion	Ratio	Lower	Upper
149	100		
150	9.7	7.7	11.5
104	5.2	4.0	6.0





#75

Fluoranthene

Concen: 38.942 ng

RT: 12.58 min Scan# 1784

Delta R.T. -0.01 min

Lab File: BF120819.D

Acq: 10 Jul 2020 8:50

Instrument :

BNA_F

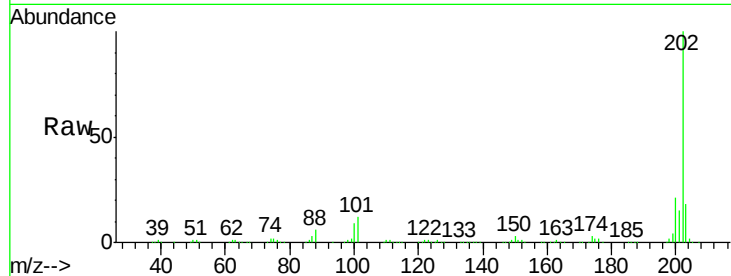
ClientSampleId :

SSTDCCC040

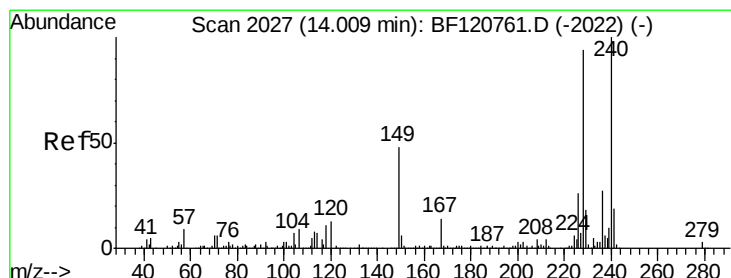
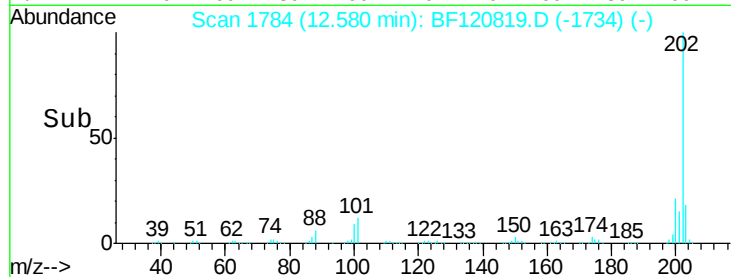
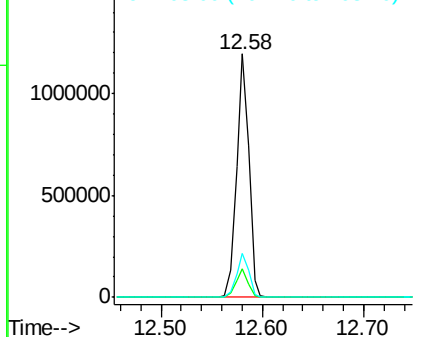
Tot Ion:	202	Resp:	997685
Ion Ratio	Lower	Upper	
202	100		
101	11.6	0.0	31.6
203	18.2	0.0	38.2

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Abundance Ion 202.00 (201.70 to 202.70): E
Ion 101.00 (100.70 to 101.70): E
Ion 203.00 (202.70 to 203.70): E



#76

Chrysene-d12

Concen: 20.000 ng

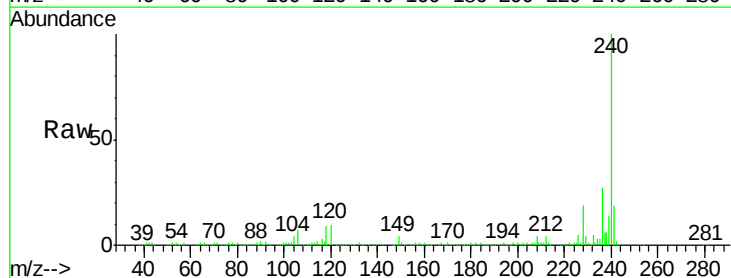
RT: 14.01 min Scan# 2027

Delta R.T. 0.00 min

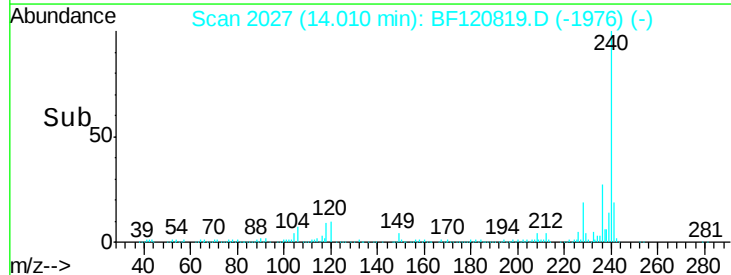
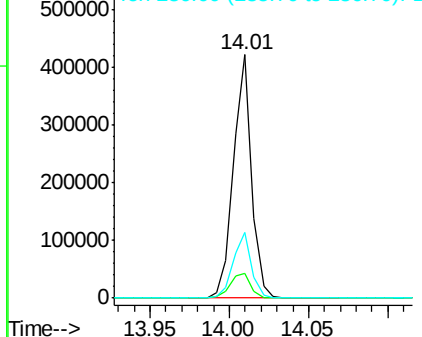
Lab File: BF120819.D

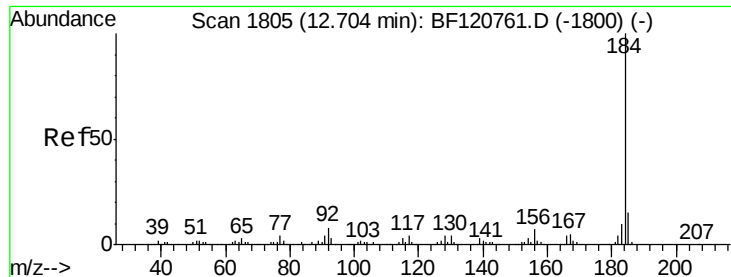
Acq: 10 Jul 2020 8:50

Tgt Ion:	240	Resp:	334978
Ion Ratio	Lower	Upper	
240	100		
120	10.2	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





#77

Benzidine

Concen: 35.048 ng

RT: 12.70 min Scan# 1805

Delta R.T. 0.00 min

Lab File: BF120819.D

Acq: 10 Jul 2020 8:50

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

Tot Ion:184 Resp: 331376

Ion Ratio Lower Upper

184 100

185 15.4 11.8 17.8

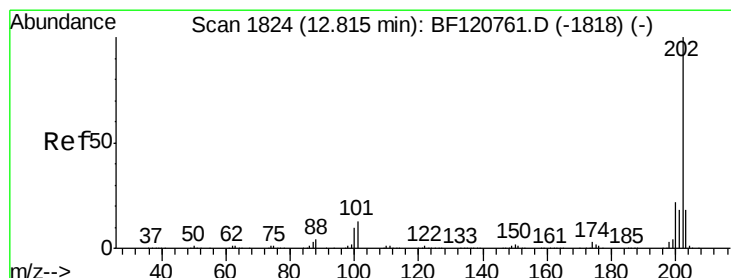
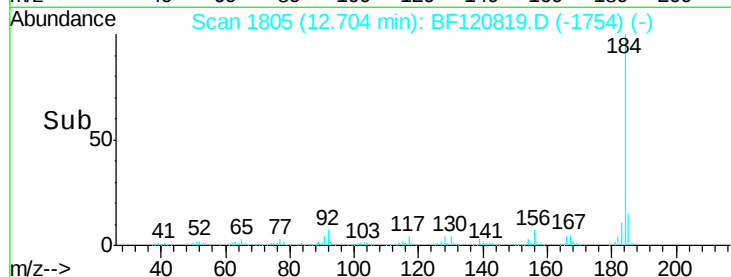
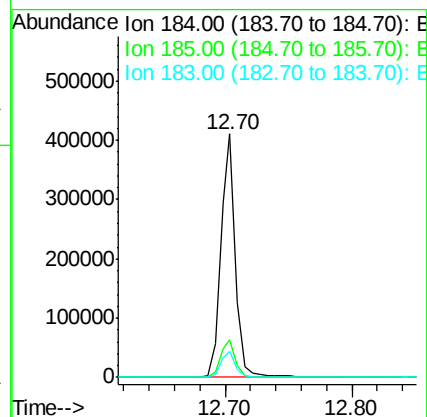
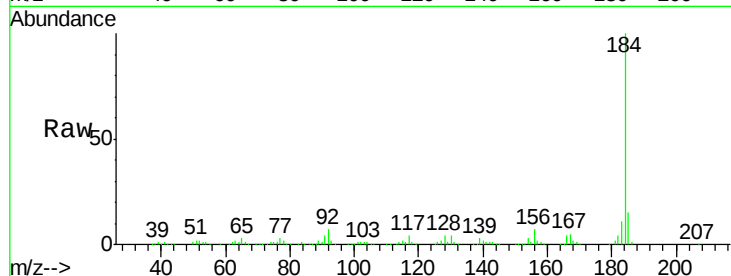
183 10.8 8.3 12.5

Manual Integrations

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#78

Pyrene

Concen: 38.531 ng

RT: 12.81 min Scan# 1823

Delta R.T. -0.01 min

Lab File: BF120819.D

Acq: 10 Jul 2020 8:50

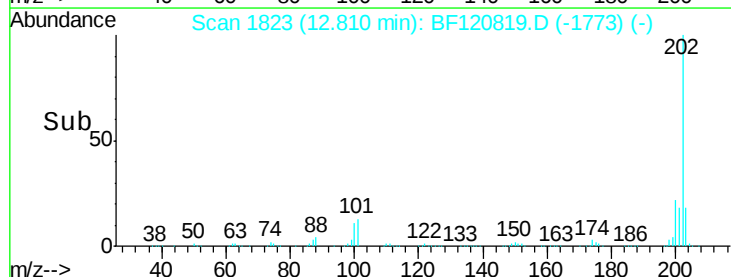
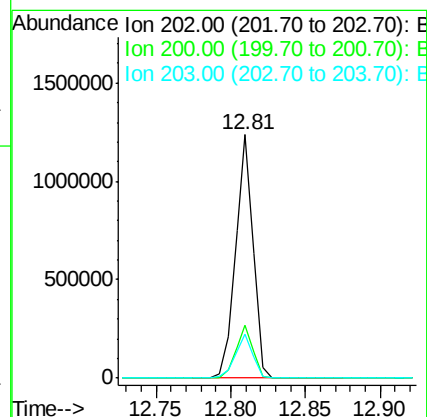
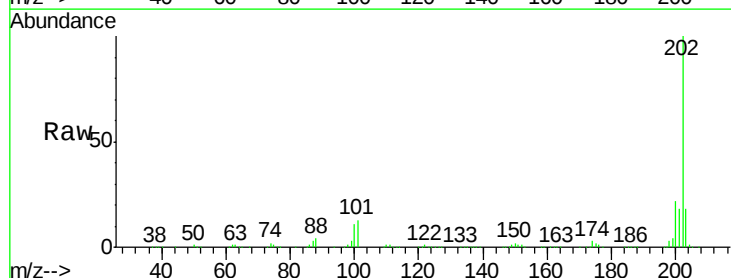
Tgt Ion:202 Resp: 1030842

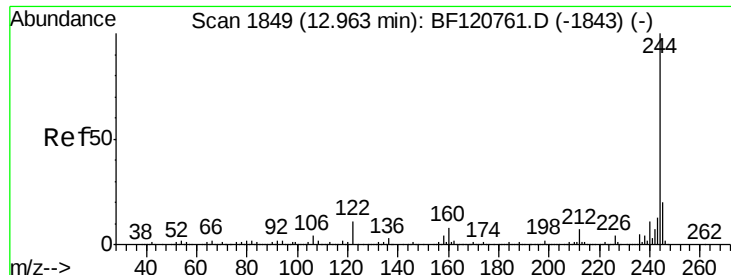
Ion Ratio Lower Upper

202 100

200 21.7 17.3 25.9

203 18.0 14.6 22.0





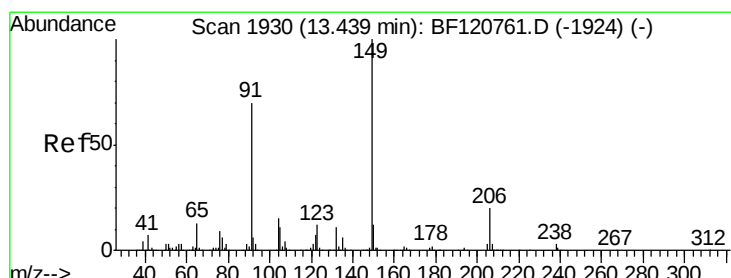
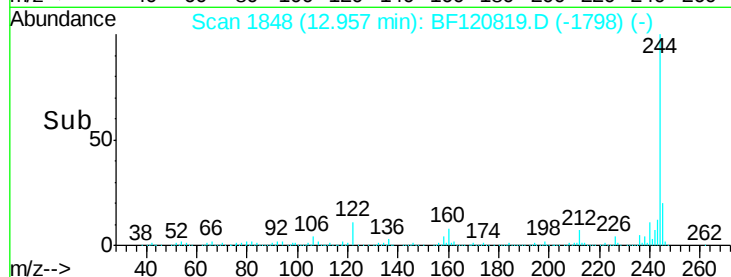
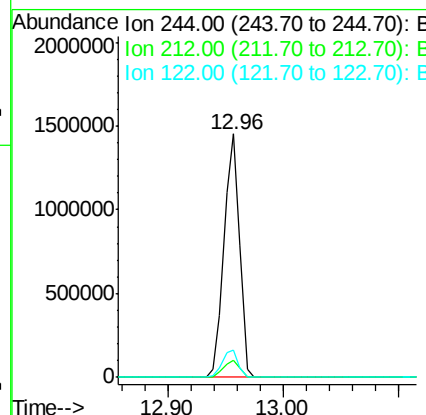
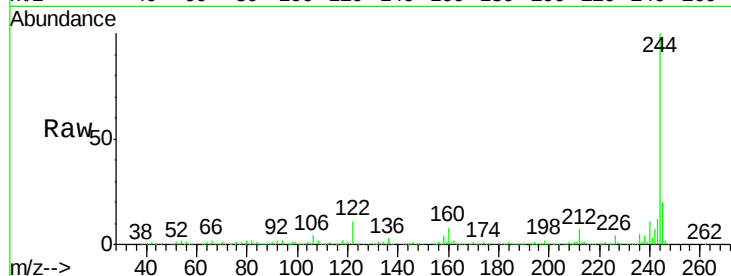
#79
 Terphenyl-d14
 Concen: 78.923 ng
 RT: 12.96 min Scan# 1848
 Delta R.T. -0.01 min
 Lab File: BF120819.D
 Acq: 10 Jul 2020 8:50

Instrument :
 BNA_F
 ClientSampleId :
 SSTCCCC040

Tot Ion	Ratio	Lower	Upper
244	100		
212	7.1	5.6	8.4
122	11.5	9.0	13.4

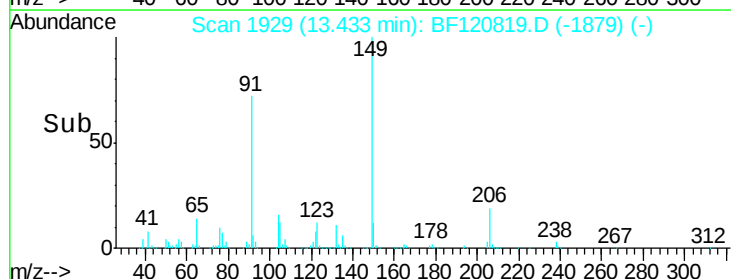
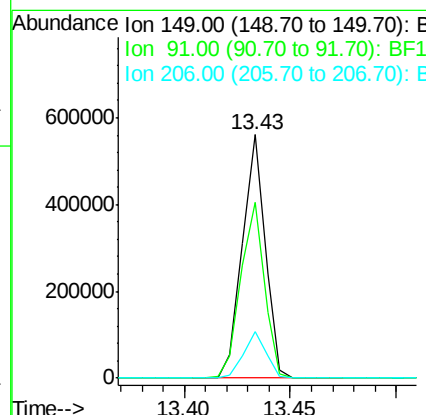
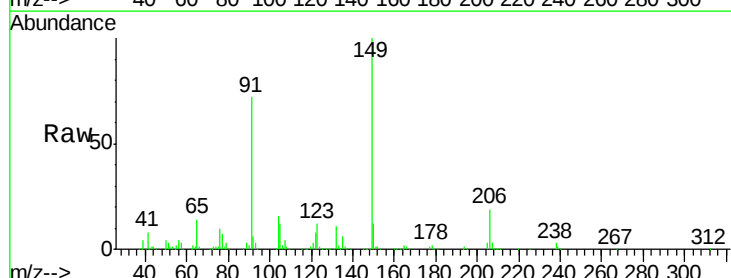
Manual Integrations
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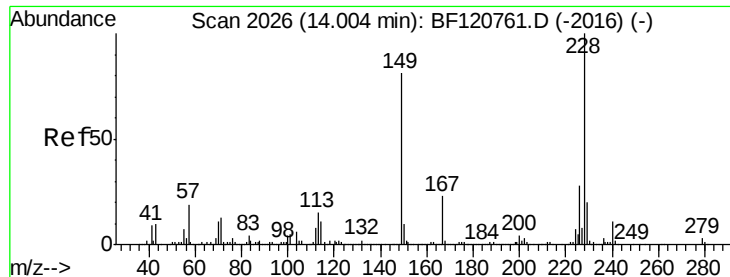
mohammad
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#80
 Butylbenzylphthalate
 Concen: 36.400 ng
 RT: 13.43 min Scan# 1929
 Delta R.T. -0.01 min
 Lab File: BF120819.D
 Acq: 10 Jul 2020 8:50

Tgt Ion	Ratio	Lower	Upper
149	100		
91	72.1	55.8	83.8
206	18.9	15.7	23.5





#81

Benzo(a)anthracene

Concen: 40.016 ng

RT: 14.00 min Scan# 2025

Delta R.T. -0.01 min

Lab File: BF120819.D

Acq: 10 Jul 2020 8:50

Instrument :

BNA_F

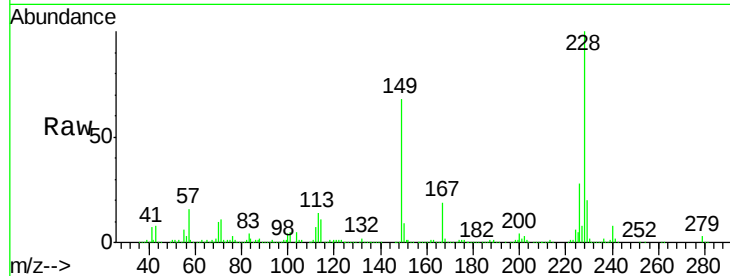
ClientSampleId :

SSTDCCC040

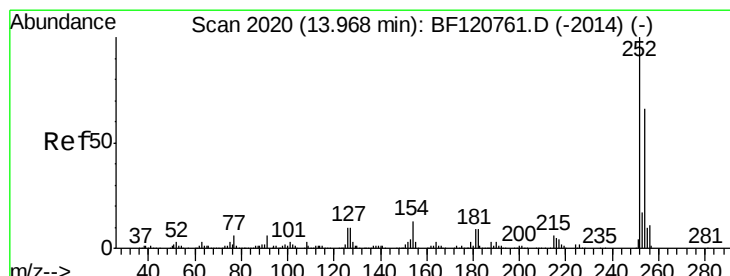
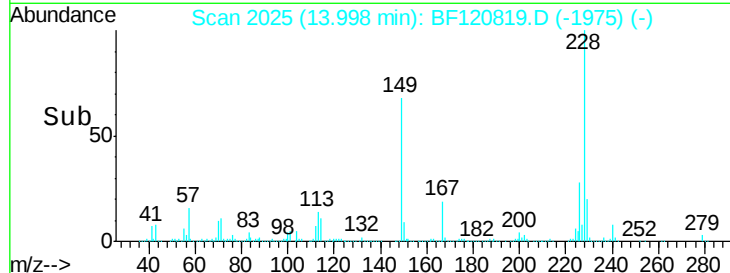
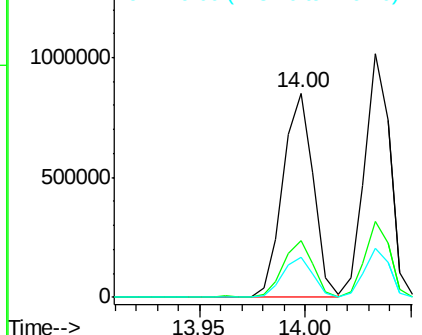
Tot Ion:	228	Resp:	859246
Ion Ratio	Lower	Upper	
228	100		
226	27.8	22.6	33.8
229	19.8	15.8	23.6

Manual Integrations
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Abundance Ion 228.00 (227.70 to 228.70): E
Ion 226.00 (225.70 to 226.70): E
Ion 229.00 (228.70 to 229.70): E



#82

3,3'-Dichlorobenzidine

Concen: 37.502 ng

RT: 13.96 min Scan# 2019

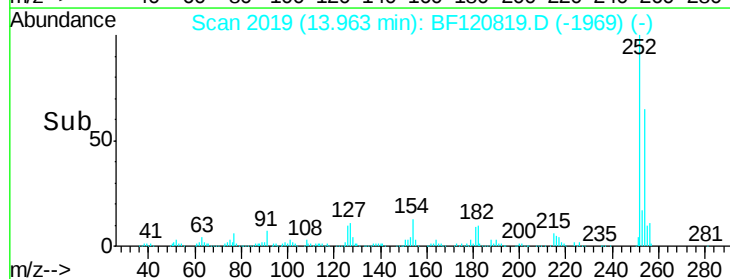
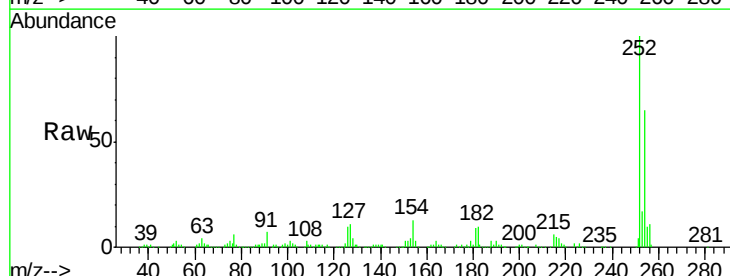
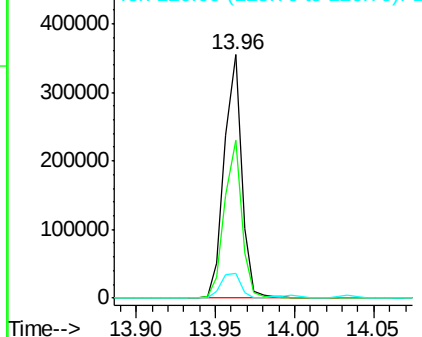
Delta R.T. -0.01 min

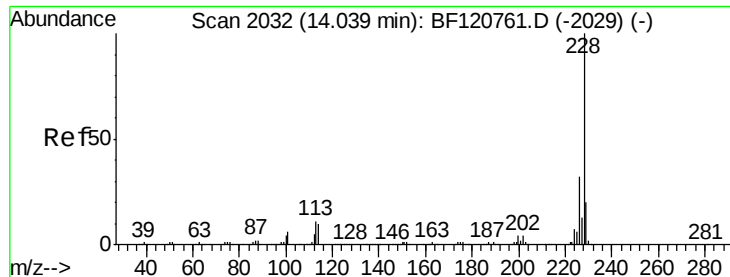
Lab File: BF120819.D

Acq: 10 Jul 2020 8:50

Tgt Ion:	252	Resp:	271752
Ion Ratio	Lower	Upper	
252	100		
254	64.6	52.6	78.8
126	10.3	7.8	11.8

Abundance Ion 252.00 (251.70 to 252.70): E
Ion 254.00 (253.70 to 254.70): E
Ion 126.00 (125.70 to 126.70): E





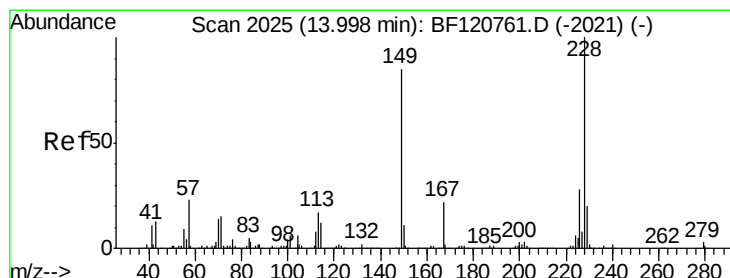
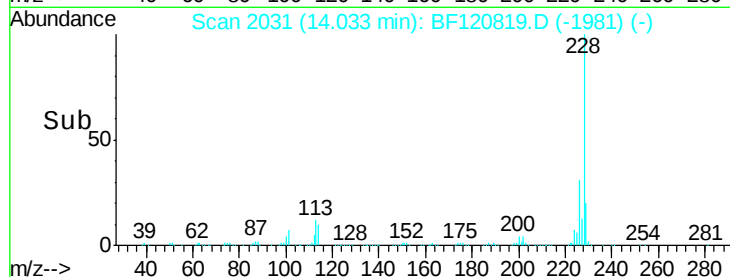
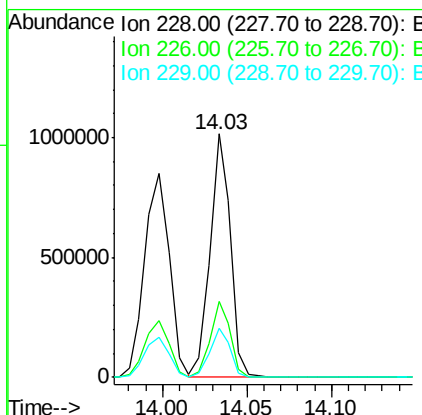
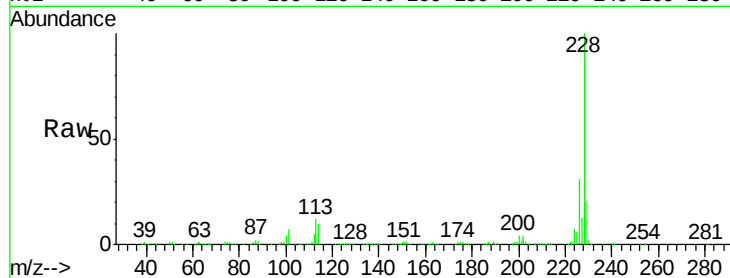
#83
Chrysene
Concen: 39.008 ng
RT: 14.03 min Scan# 2031
Delta R.T. -0.01 min
Lab File: BF120819.D
Acq: 10 Jul 2020 8:50

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
228	100		
226	31.3	25.7	38.5
229	19.9	16.3	24.5

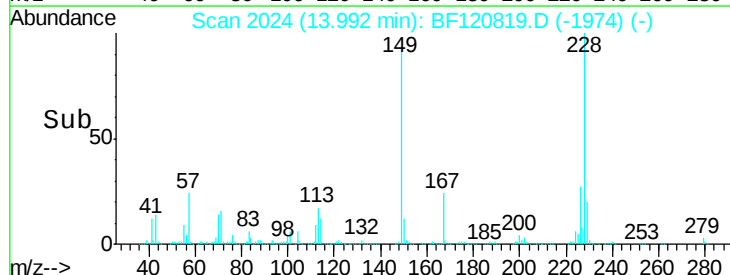
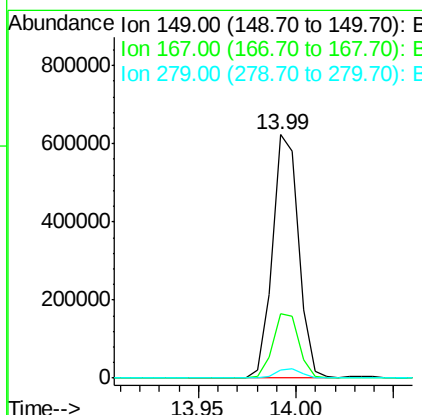
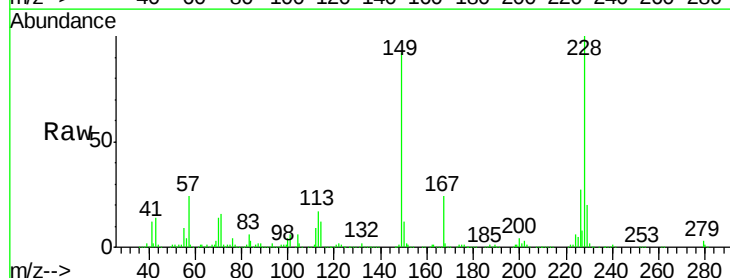
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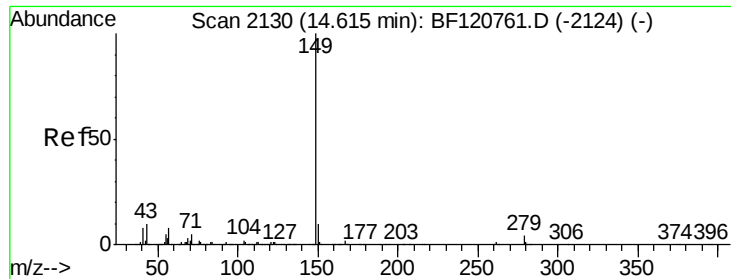
mohammad
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#84
Bis(2-ethylhexyl)phthalate
Concen: 38.212 ng
RT: 13.99 min Scan# 2024
Delta R.T. -0.01 min
Lab File: BF120819.D
Acq: 10 Jul 2020 8:50

Tgt Ion	Ratio	Lower	Upper
149	100		
167	26.3	20.9	31.3
279	3.1	2.6	4.0





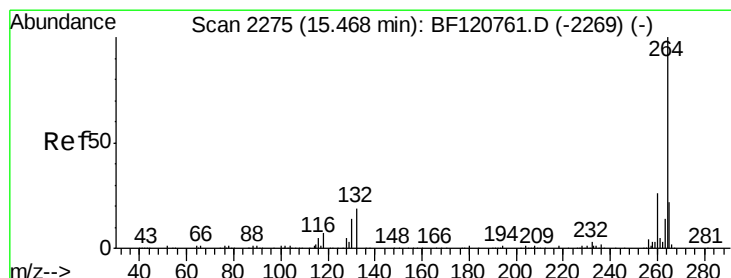
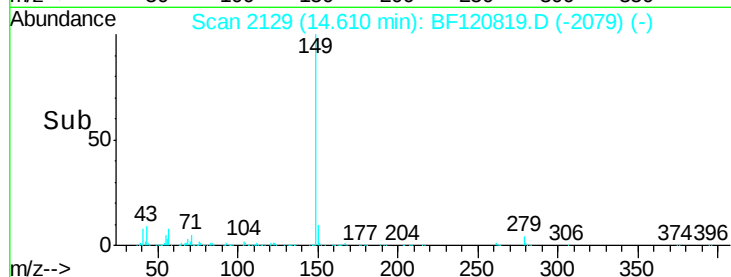
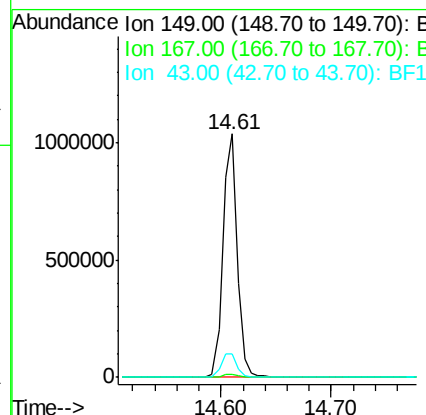
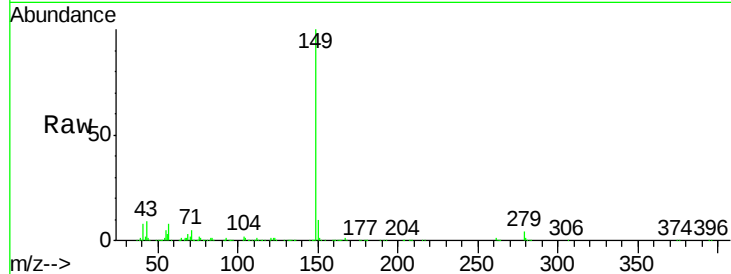
#85
Di-n-octyl phthalate
Concen: 34.794 ng
RT: 14.61 min Scan# 2129
Delta R.T. -0.01 min
Lab File: BF120819.D
Acq: 10 Jul 2020 8:50

Instrument :
BNA_F
ClientSampled :
SSTDCCC040

Tot Ion	Ratio	Resp	Lower	Upper
149	100			
167	1.4	1.2	1.8	
43	11.0	8.7	13.1	

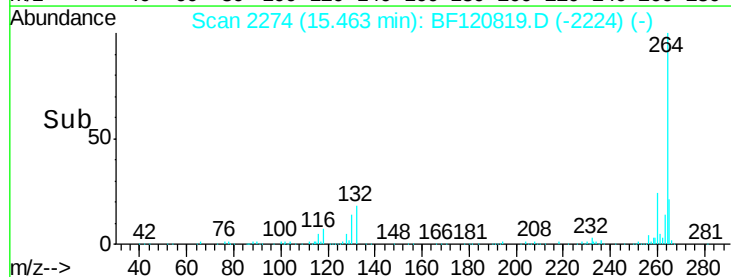
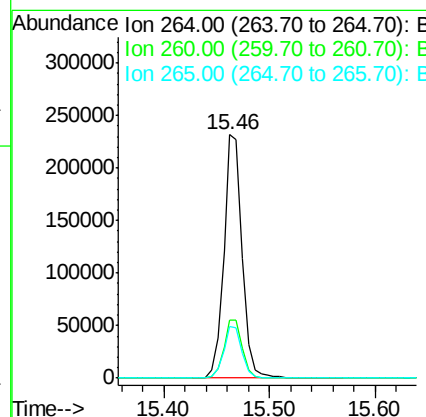
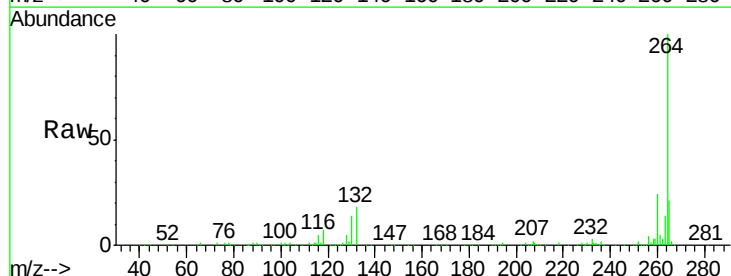
Manual Integrations
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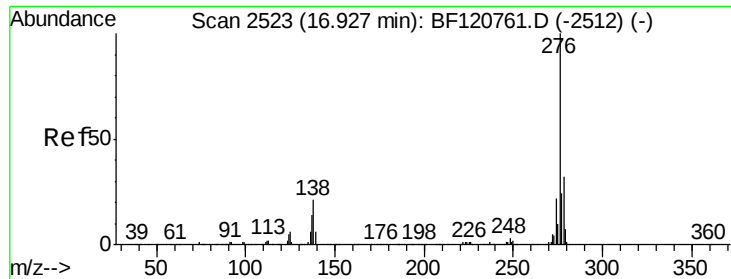
mohammad
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#86
Perylene-d12
Concen: 20.000 ng
RT: 15.46 min Scan# 2274
Delta R.T. -0.01 min
Lab File: BF120819.D
Acq: 10 Jul 2020 8:50

Tgt Ion	Ratio	Resp	Lower	Upper
264	100			
260	23.9	20.6	30.8	
265	21.1	17.6	26.4	





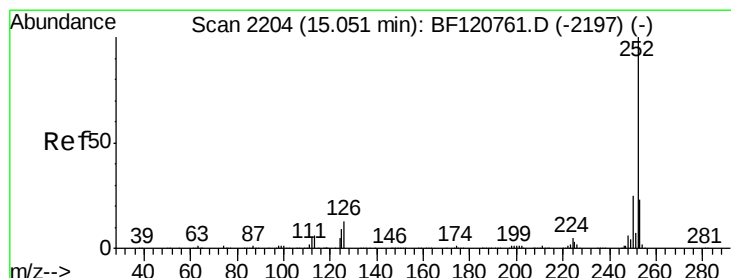
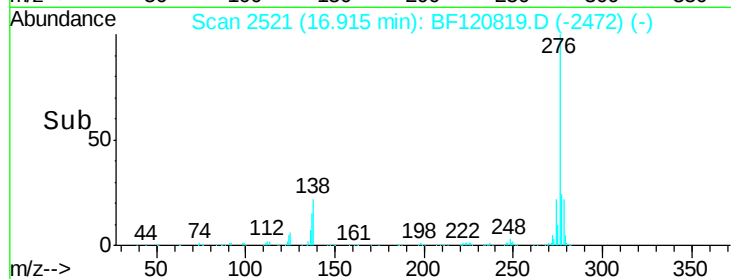
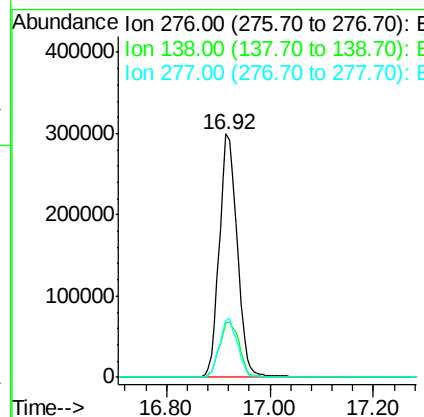
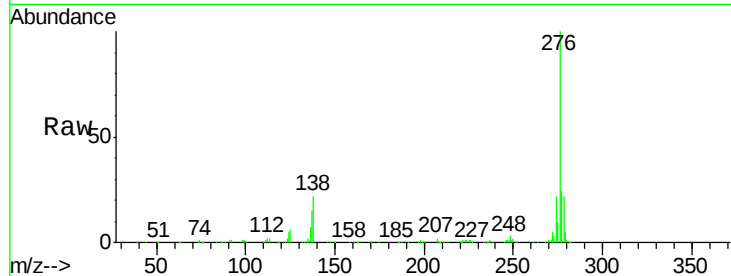
#87
 Indeno(1,2,3-cd)pyrene
 Concen: 40.456 ng
 RT: 16.92 min Scan# 2521
 Delta R.T. -0.01 min
 Lab File: BF120819.D
 Acq: 10 Jul 2020 8:50

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tot Ion	Ratio	Lower	Upper
276	100		
138	25.3	19.8	29.8
277	24.5	19.9	29.9

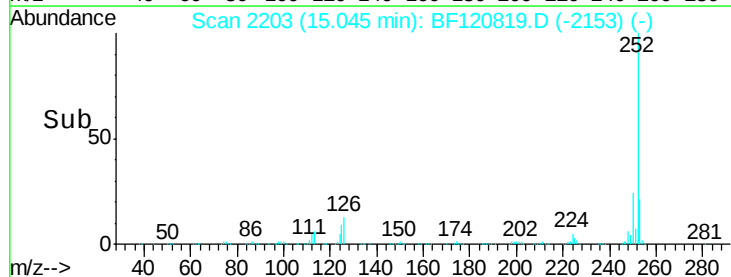
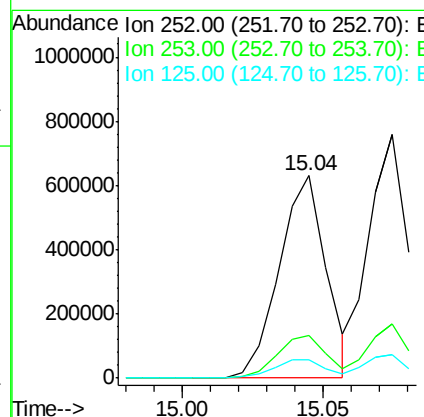
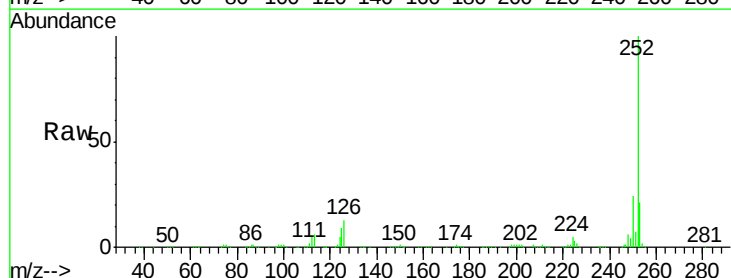
Manual Integrations
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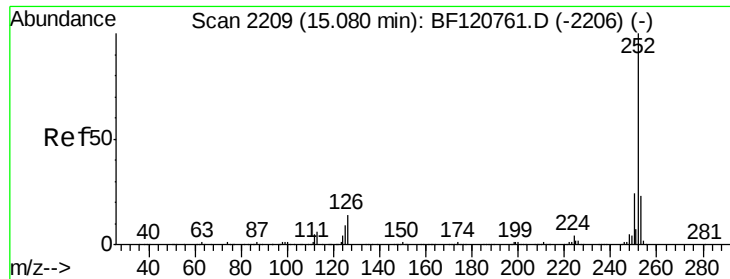
mohammad
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#88
 Benzo(b)fluoranthene
 Concen: 39.436 ng
 RT: 15.04 min Scan# 2203
 Delta R.T. -0.01 min
 Lab File: BF120819.D
 Acq: 10 Jul 2020 8:50

Tgt Ion	Ratio	Lower	Upper
252	100		
253	21.4	18.0	27.0
125	9.3	7.5	11.3





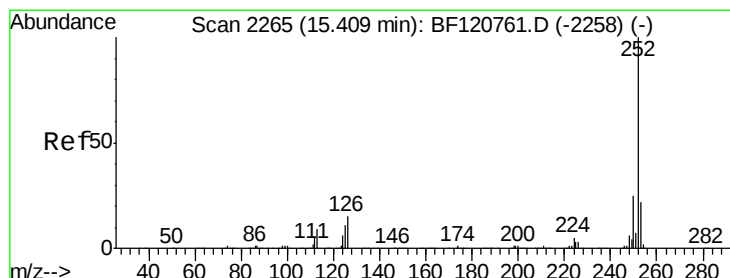
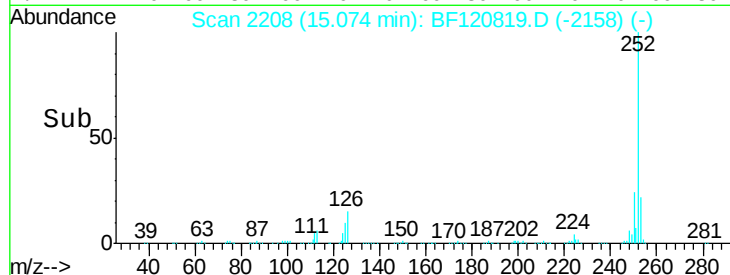
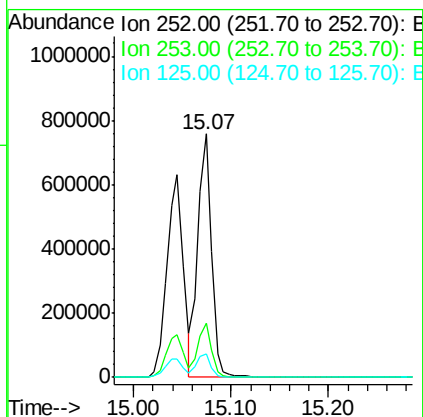
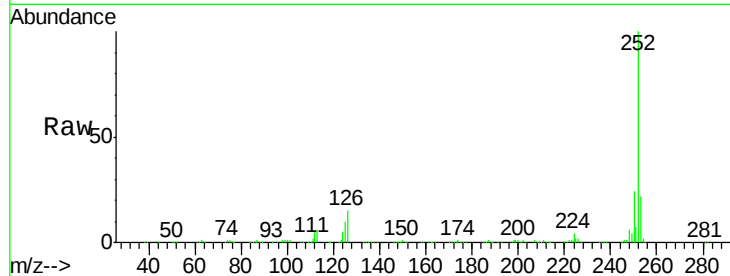
#89
Benzo(k)fluoranthene
Concen: 41.234 ng
RT: 15.07 min Scan# 2208
Delta R.T. -0.01 min
Lab File: BF120819.D
Acq: 10 Jul 2020 8:50

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
252	100		
253	22.5	17.9	26.9
125	9.6	7.6	11.4

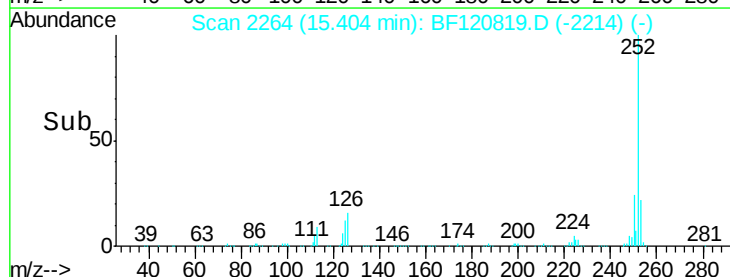
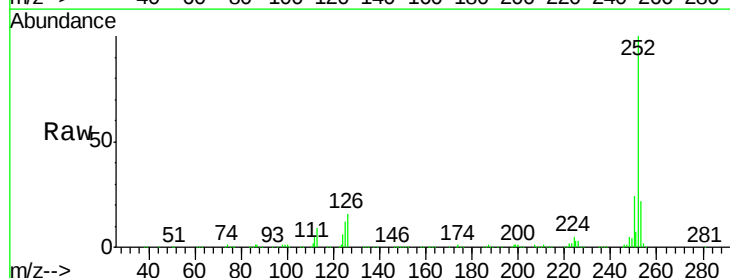
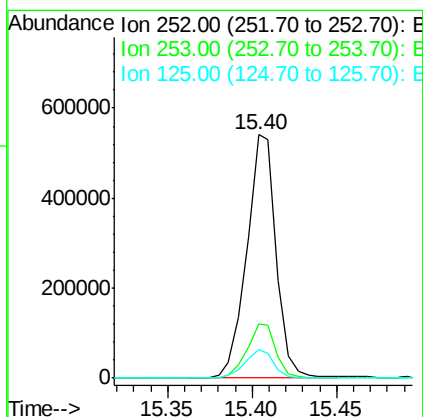
Manual Integrations
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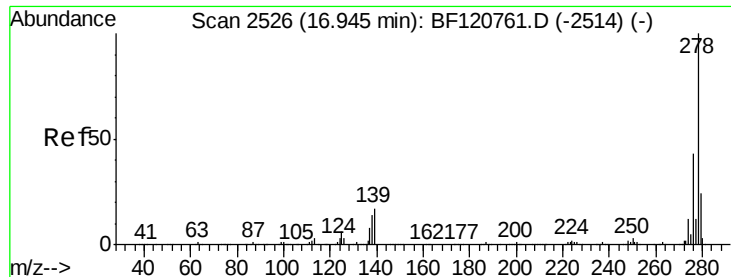
mohammad
7/13/2020 1:04:17 PM



#90
Benzo(a)pyrene
Concen: 39.984 ng
RT: 15.40 min Scan# 2264
Delta R.T. -0.01 min
Lab File: BF120819.D
Acq: 10 Jul 2020 8:50

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.4	17.4	26.0
125	11.6	9.2	13.8





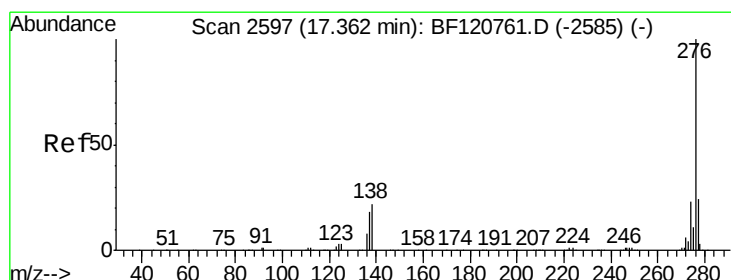
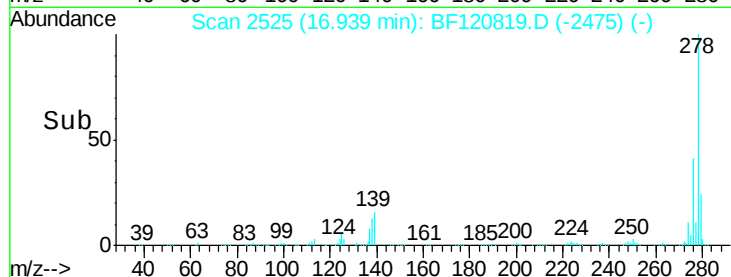
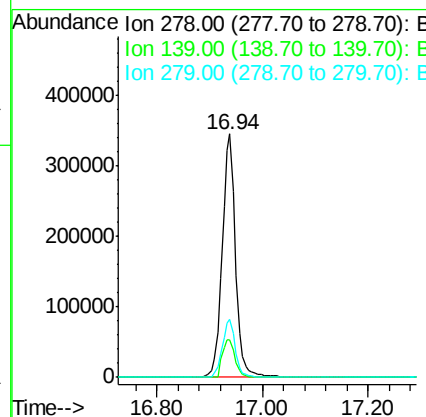
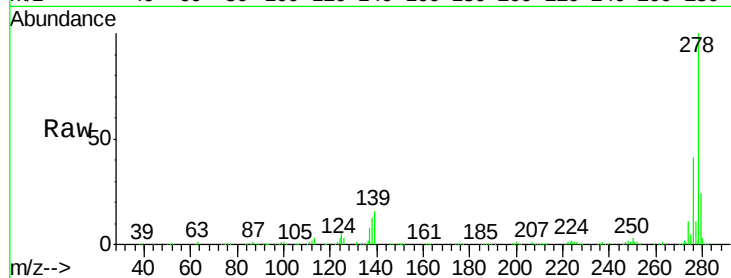
#91
Dibenzo(a,h)anthracene
Concen: 40.740 ng
RT: 16.94 min Scan# 2525
Delta R.T. -0.01 min
Lab File: BF120819.D
Acq: 10 Jul 2020 8:50

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
278	100		
139	15.5	13.3	19.9
279	23.8	19.0	28.6

Manual Integrations
APPROVED

mohammad
7/13/2020 1:04:17 PM



#92
Benzo(g,h,i)perylene
Concen: 40.331 ng
RT: 17.36 min Scan# 2596
Delta R.T. -0.01 min
Lab File: BF120819.D
Acq: 10 Jul 2020 8:50

Tgt Ion	Ratio	Lower	Upper
276	100		
277	23.3	18.8	28.2
138	22.2	17.4	26.2

