

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF070220\
 Data File : BF120765.D
 Acq On : 2 Jul 2020 18:27
 Operator : JU/CG
 Sample : SSTDICV040
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 ICVBF070220

Manual Integrations
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mohammad
 7/7/2020 8:25:34 AM

Quant Time: Jul 02 19:08:10 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	137775	20.00	ng	0.00
21) Naphthalene-d8	8.13	136	497364	20.00	ng	0.00
39) Acenaphthene-d10	9.89	164	249365	20.00	ng	0.00
64) Phenanthrene-d10	11.37	188	445821	20.00	ng	0.00
76) Chrysene-d12	14.01	240	327193	20.00	ng	0.00
86) Perylene-d12	15.47	264	275952	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.46	112	706128	79.12	ng	0.00
7) Phenol-d6	6.47	99	892975	78.35	ng	0.00
23) Nitrobenzene-d5	7.42	82	748331	87.17	ng	0.00
42) 2,4,6-Tribromophenol	10.67	330	217349	86.76	ng	0.00
45) 2-Fluorobiphenyl	9.21	172	1351398	81.99	ng	0.00
79) Terphenyl-d14	12.96	244	1355756	81.13	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.59	88	160296	39.317	ng	99
3) Pyridine	3.33	79	437915	39.214	ng	98
4) n-Nitrosodimethylamine	3.28	42	219885	39.359	ng	99
6) Aniline	6.51	93	573856	39.203	ng	99
8) 2-Chlorophenol	6.63	128	382173	40.218	ng	99
9) Benzaldehyde	6.40	77	242151	35.722	ng	99
10) Phenol	6.49	94	456737m	38.954	ng	
11) bis(2-Chloroethyl)ether	6.59	93	377320	39.546	ng	99
12) 1,3-Dichlorobenzene	6.79	146	412913	39.478	ng	99
13) 1,4-Dichlorobenzene	6.87	146	415681	39.680	ng	99
14) 1,2-Dichlorobenzene	7.02	146	394382	39.570	ng	99
15) Benzyl Alcohol	6.99	79	341947	39.930	ng	99
16) 2,2'-oxybis(1-Chloropropan	7.13	45	580766	39.024	ng	99
17) 2-Methylphenol	7.10	107	330035	38.824	ng	99
18) Hexachloroethane	7.36	117	158400	40.229	ng	98
19) n-Nitroso-di-n-propylamine	7.26	70	265326	38.661	ng	99
20) 3+4-Methylphenols	7.25	107	419071	40.026	ng	99
22) Acetophenone	7.26	105	503929	40.762	ng	100
24) Nitrobenzene	7.43	77	409072	42.441	ng	99
25) Isophorone	7.67	82	738932	39.914	ng	99
26) 2-Nitrophenol	7.75	139	166886	41.749	ng	98
27) 2,4-Dimethylphenol	7.78	122	301194	40.756	ng	100
28) bis(2-Chloroethoxy)methane	7.89	93	440551	40.208	ng	100
29) 2,4-Dichlorophenol	7.99	162	301057	40.806	ng	99
30) 1,2,4-Trichlorobenzene	8.07	180	337509	40.730	ng	99
31) Naphthalene	8.16	128	1083468	40.762	ng	100
32) Benzoic acid	7.89	122	217245	42.139	ng	99
33) 4-Chloroaniline	8.20	127	451383	40.019	ng	99
34) Hexachlorobutadiene	8.27	225	207515	41.638	ng	99
35) Caprolactam	8.57	113	88003m	40.937	ng	
36) 4-Chloro-3-methylphenol	8.67	107	313271	40.820	ng	100
37) 2-Methylnaphthalene	8.85	142	699258	40.469	ng	100
38) 1-Methylnaphthalene	8.95	142	655804	40.519	ng	99
40) 1,2,4,5-Tetrachlorobenzene	9.01	216	314782	41.768	ng	99

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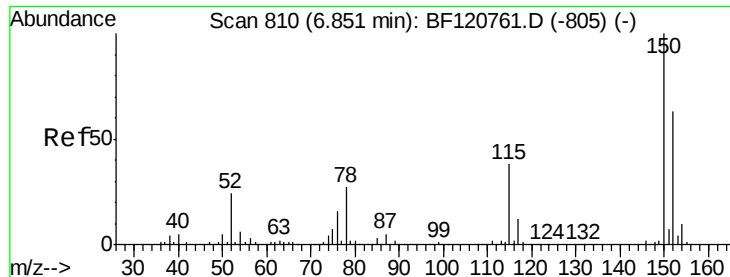
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	9.00	237	189436	42.543	nq	98
43) 2,4,6-Trichlorophenol	9.12	196	213943	41.660	nq	98
44) 2,4,5-Trichlorophenol	9.16	196	236145	41.435	nq	99
46) 1,1'-Biphenyl	9.31	154	819131	40.723	nq	99
47) 2-Chloronaphthalene	9.33	162	656898	40.765	nq	100
48) 2-Nitroaniline	9.43	65	201119	42.027	nq	98
49) Acenaphthylene	9.75	152	1004068	39.743	nq	100
50) Dimethylphthalate	9.61	163	729883	40.124	nq	100
51) 2,6-Dinitrotoluene	9.67	165	149288	41.612	nq	99
52) Acenaphthene	9.92	154	638206	40.720	nq	99
53) 3-Nitroaniline	9.84	138	180478	41.032	nq	95
54) 2,4-Dinitrophenol	9.94	184	50105	40.562	nq	97
55) Dibenzofuran	10.09	168	918610	40.660	nq	100
56) 4-Nitrophenol	9.99	139	134805	41.444	nq	99
57) 2,4-Dinitrotoluene	10.07	165	184580	41.437	nq	99
58) Fluorene	10.44	166	682554	40.589	nq	100
59) 2,3,4,6-Tetrachlorophenol	10.21	232	178206m	42.019	nq	
60) Diethylphthalate	10.31	149	762702	40.249	nq	99
61) 4-Chlorophenyl-phenylether	10.43	204	344734	40.780	nq	100
62) 4-Nitroaniline	10.45	138	171500	44.373	nq	97
63) Azobenzene	10.59	77	768204	39.630	nq	99
65) 4,6-Dinitro-2-methylphenol	10.47	198	73586	40.528	nq	98
66) n-Nitrosodiphenylamine	10.55	169	609999	40.822	nq	99
67) 4-Bromophenyl-phenylether	10.92	248	215228	41.618	nq	98
68) Hexachlorobenzene	10.98	284	226042	41.653	nq	99
69) Atrazine	11.07	200	159298	41.380	nq	99
70) Pentachlorophenol	11.17	266	136861	44.575	nq	100
71) Phenanthrene	11.40	178	978496	40.451	nq	100
72) Anthracene	11.45	178	999486	40.889	nq	100
73) Carbazole	11.60	167	944365	40.203	nq	100
74) Di-n-butylphthalate	11.94	149	1192388	41.001	nq	100
75) Fluoranthene	12.59	202	1057750	41.048	nq	98
77) Benzidine	12.70	184	367341	39.776	nq	100
78) Pyrene	12.82	202	1071503	41.004	nq	99
80) Butylbenzylphthalate	13.44	149	477794	42.351	nq	99
81) Benzo(a)anthracene	14.00	228	878051	41.865	nq	99
82) 3,3'-Dichlorobenzidine	13.96	252	300089	42.398	nq	# 95
83) Chrysene	14.04	228	878616	41.069	nq	99
84) Bis(2-ethylhexyl)phthalate	14.00	149	625664	42.291	nq	# 98
85) Di-n-octyl phthalate	14.62	149	1103302	42.154	nq	99
87) Indeno(1,2,3-cd)pyrene	16.93	276	753481	42.570	nq	100
88) Benzo(b)fluoranthene	15.05	252	778943	42.937	nq	99
89) Benzo(k)fluoranthene	15.08	252	749924	42.481	nq	99
90) Benzo(a)pyrene	15.42	252	684902	42.321	nq	98
91) Dibenzo(a,h)anthracene	16.94	278	630201	42.719	nq	99
92) Benzo(g,h,i)perylene	17.36	276	557628	41.359	nq	99

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



#1

1,4-Dichlorobenzene-d4

Concen: 20.000 ng

RT: 6.85 min Scan# 810

Delta R.T. 0.00 min

Lab File: BF120765.D

Acq: 2 Jul 2020 18:27

Instrument :

BNA_F

ClientSampleId :

ICVBF070220

Tot Ion: 152 Resp: 137775

Ion Ratio Lower Upper

152 100

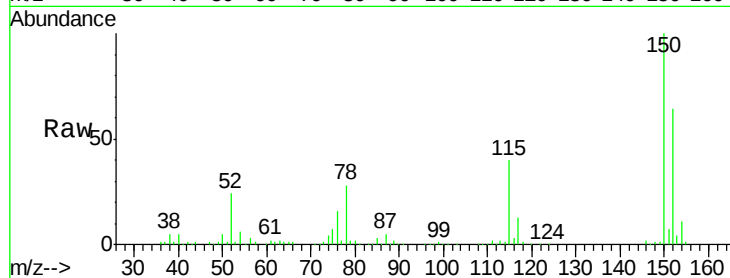
150 155.7 126.1 189.1

115 61.8 48.5 72.7

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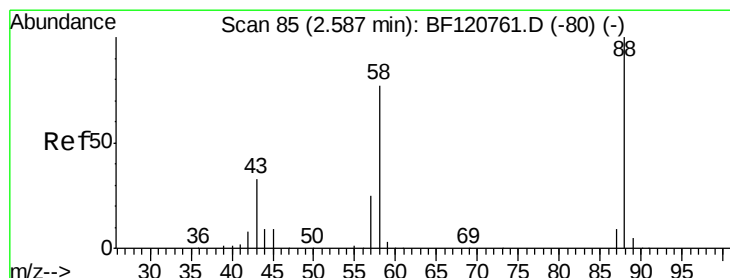
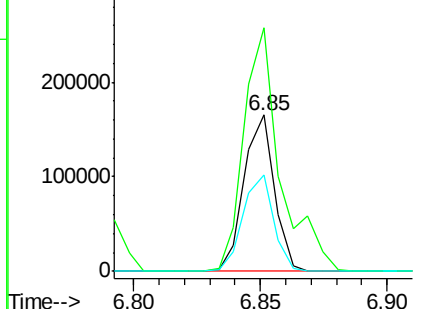
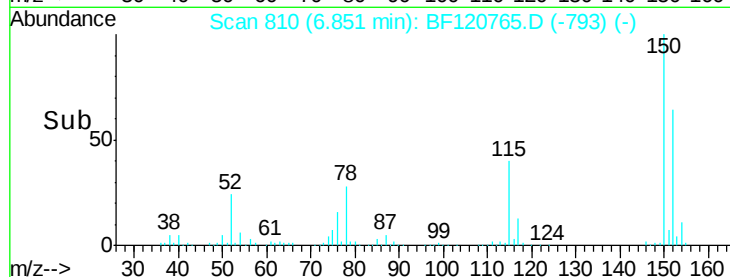
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Abundance Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 115.00 (114.70 to 115.70): E



#2

1,4-Dioxane

Concen: 39.317 ng

RT: 2.59 min Scan# 85

Delta R.T. 0.00 min

Lab File: BF120765.D

Acq: 2 Jul 2020 18:27

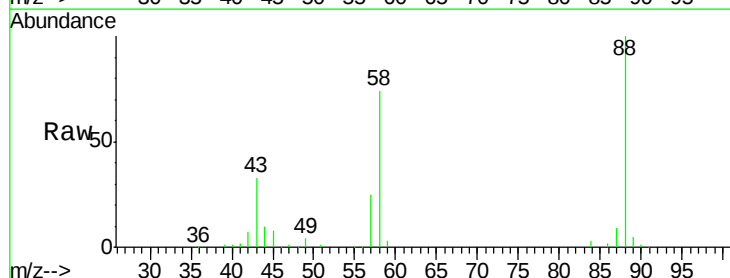
Tgt Ion: 88 Resp: 160296

Ion Ratio Lower Upper

88 100

58 74.7 60.4 90.6

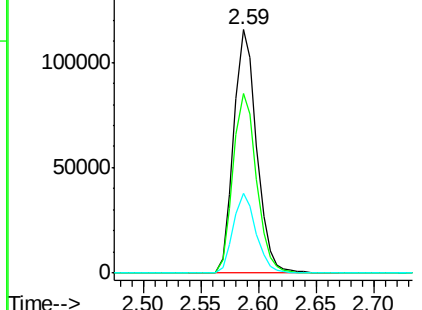
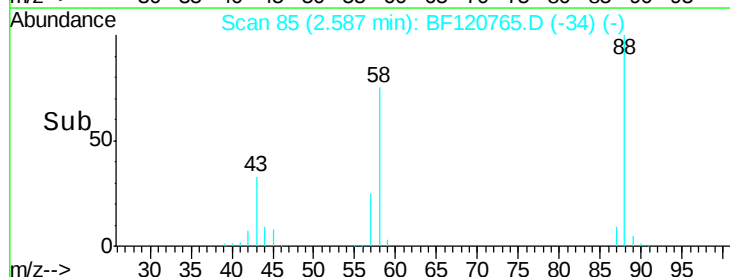
43 32.5 26.3 39.5

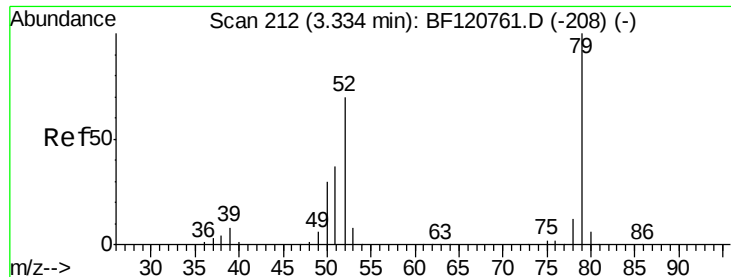


Abundance Ion 88.00 (87.70 to 88.70): BF1

Ion 58.00 (57.70 to 58.70): BF1

Ion 43.00 (42.70 to 43.70): BF1





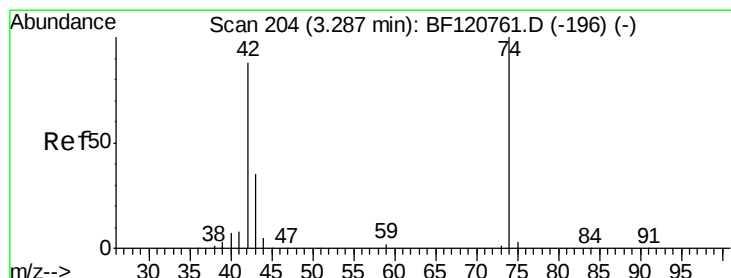
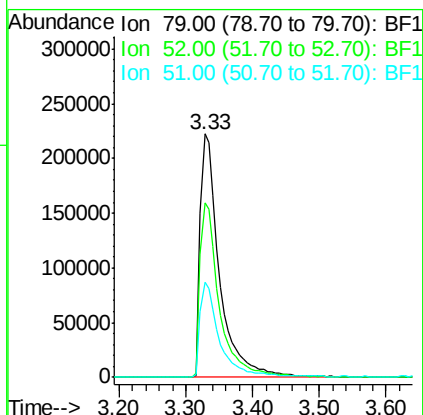
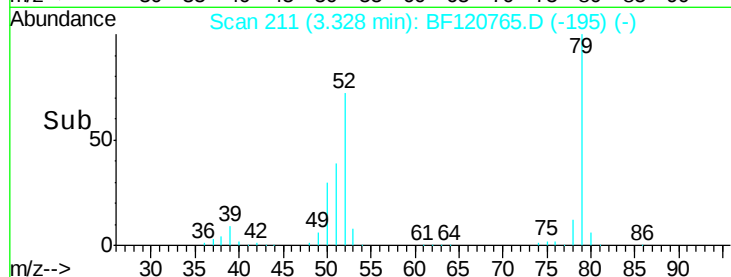
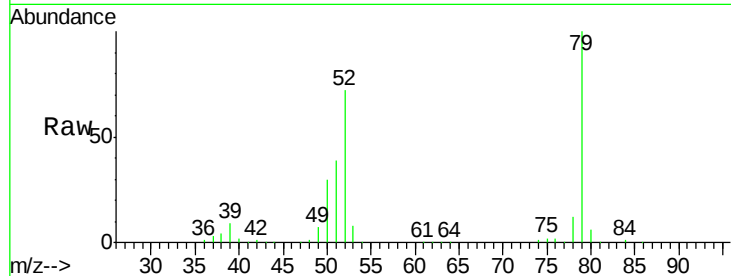
#3
 Pvridine
 Concen: 39.214 ng
 RT: 3.33 min Scan# 211
 Delta R.T. -0.01 min
 Lab File: BF120765.D
 Acq: 2 Jul 2020 18:27

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 ICVBF070220

Tot Ion	Ratio	Lower	Upper
79	100		
52	71.9	56.3	84.5
51	39.0	30.1	45.1

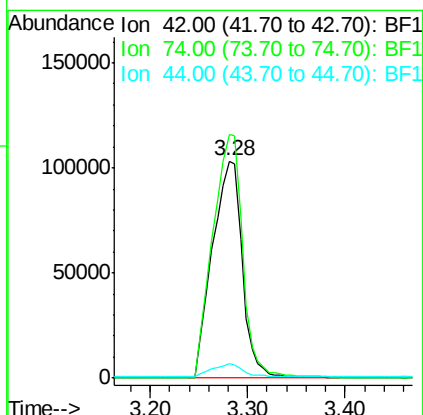
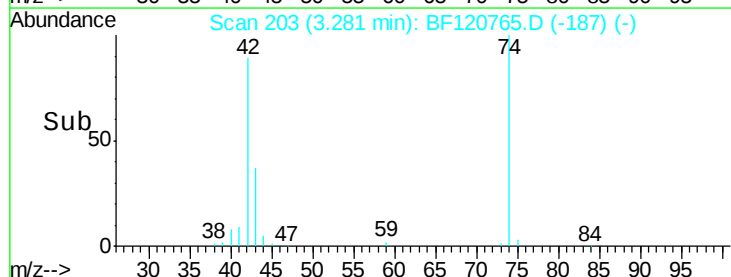
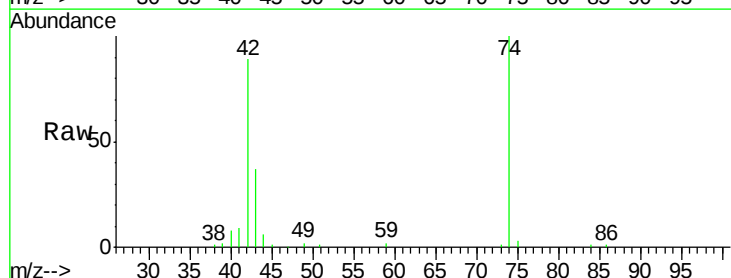
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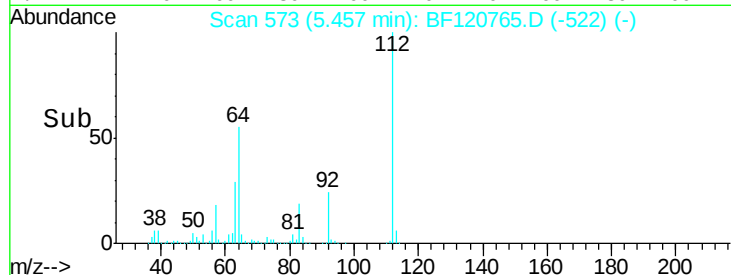
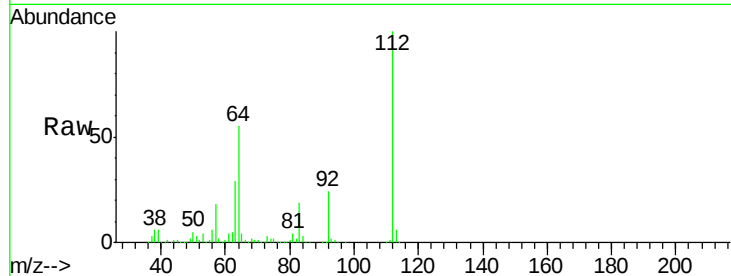
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#4
 n-Nitrosodimethylamine
 Concen: 39.359 ng
 RT: 3.28 min Scan# 203
 Delta R.T. -0.01 min
 Lab File: BF120765.D
 Acq: 2 Jul 2020 18:27

Tgt Ion	Ratio	Lower	Upper
42	100		
74	112.3	90.8	136.2
44	6.6	5.8	8.8





#5

2-Fluorophenol

Concen: 79.116 ng

RT: 5.46 min Scan# 573

Delta R.T. 0.00 min

Lab File: BF120765.D

Acq: 2 Jul 2020 18:27

Tot Ion	Ion	Ratio	Resp	Lower	Upper
112	100		706128		
64	54.6	43.8	65.6		
63	29.1	23.6	35.4		

Instrument :

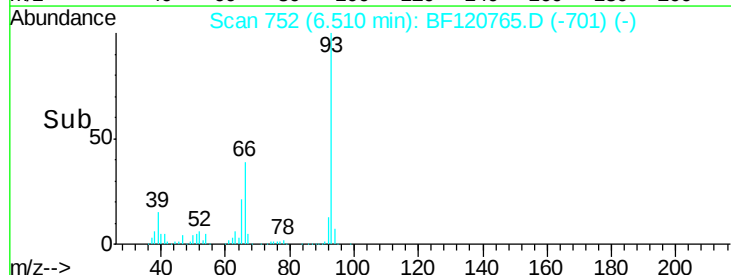
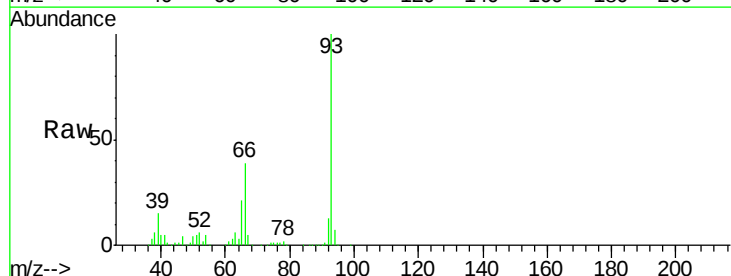
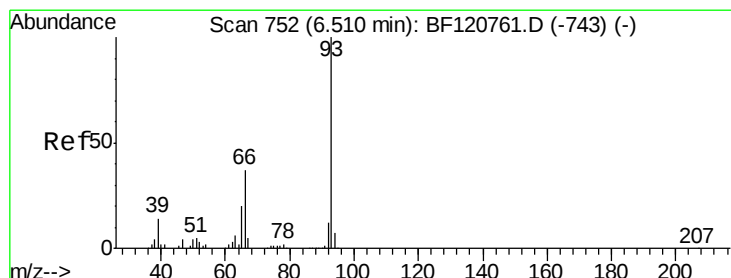
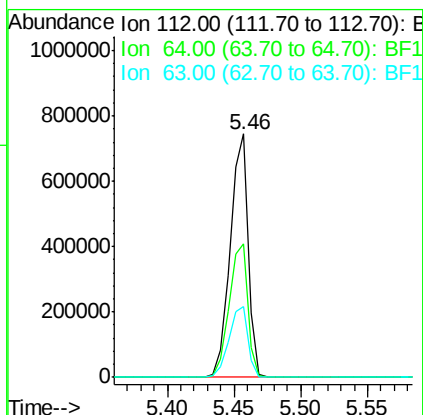
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#6

Aniline

Concen: 39.203 ng

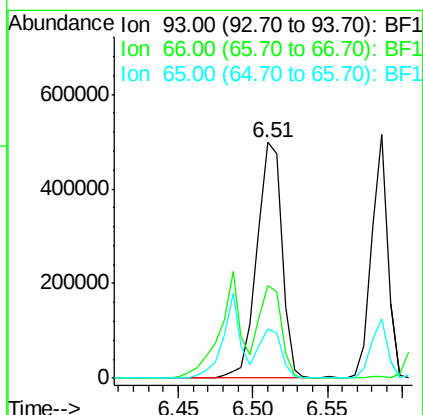
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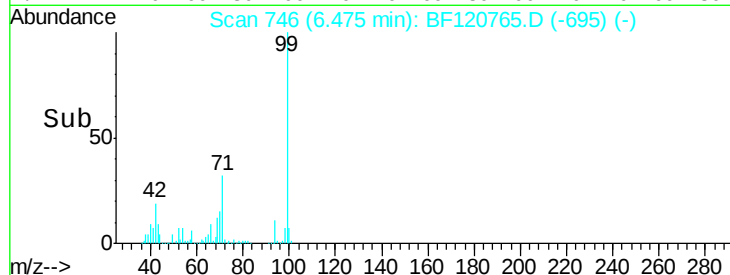
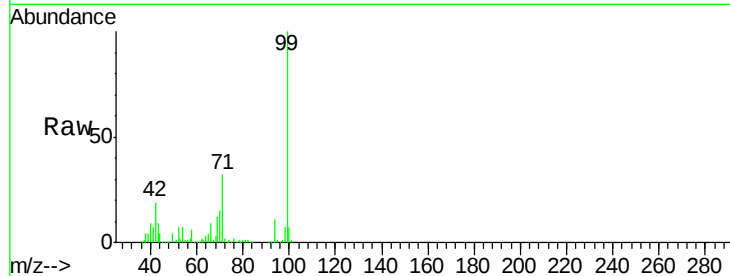
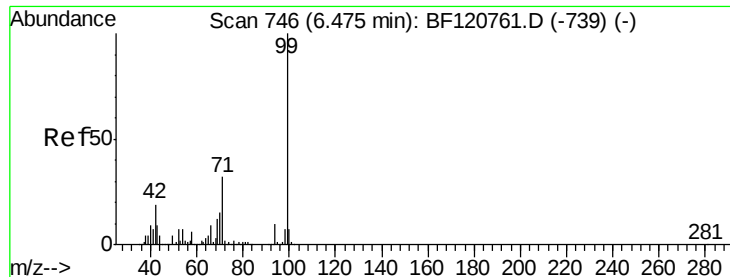
Delta R.T. 0.00 min

Lab File: BF120765.D

Acq: 2 Jul 2020 18:27

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
93	100		573856		
66	39.5	31.3	46.9		
65	21.0	16.5	24.7		





#7

Phenol-d6

Concen: 78.345 ng

RT: 6.47 min Scan# 746

Delta R.T. 0.00 min

Lab File: BF120765.D

Acq: 2 Jul 2020 18:27

Tot Ion	Ion	Ratio	Resp	Lower	Upper
99	100		892975		
42	19.3	15.4	23.0		
71	32.2	25.9	38.9		

Instrument :

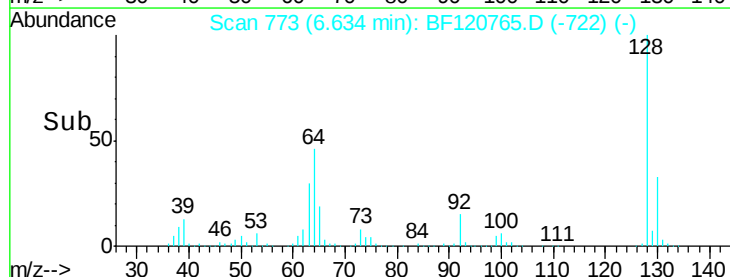
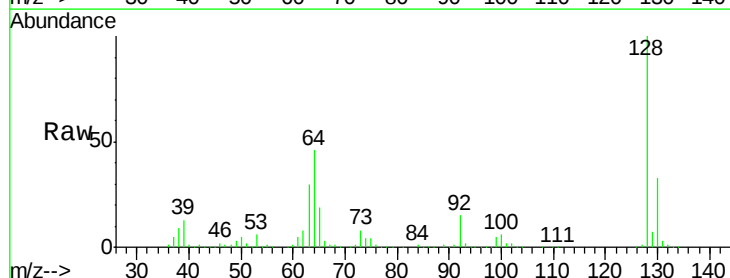
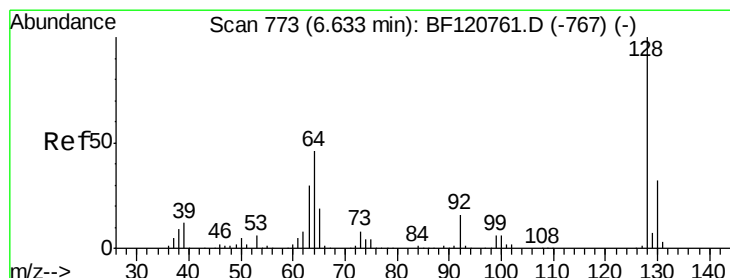
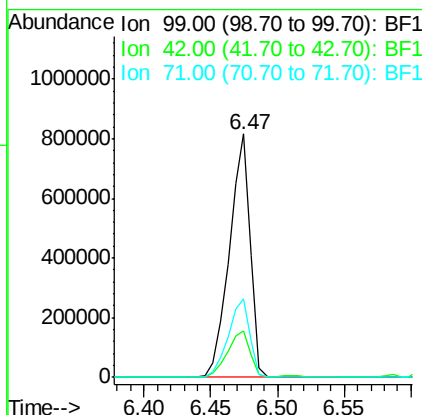
BNA_F

ClientSampleId :

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#8

2-Chlorophenol

Concen: 40.218 ng

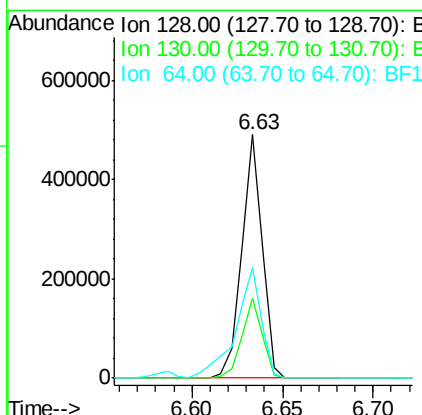
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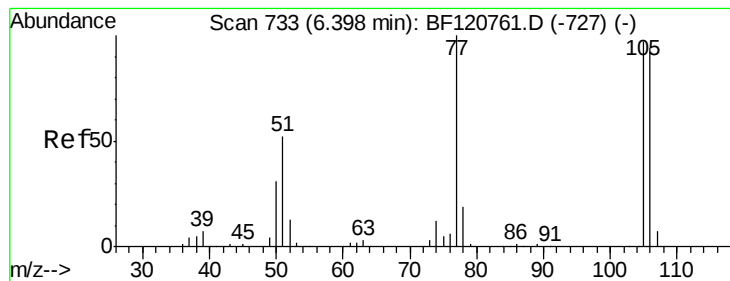
Delta R.T. 0.00 min

Lab File: BF120765.D

Acq: 2 Jul 2020 18:27

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
128	100		382173		
130	32.7	12.1	52.1		
64	45.5	26.3	66.3		





#9

Benzaldehyde

Concen: 35.722 ng

RT: 6.40 min Scan# 733

Delta R.T. 0.00 min

Lab File: BF120765.D

Acq: 2 Jul 2020 18:27

Instrument :

BNA_F

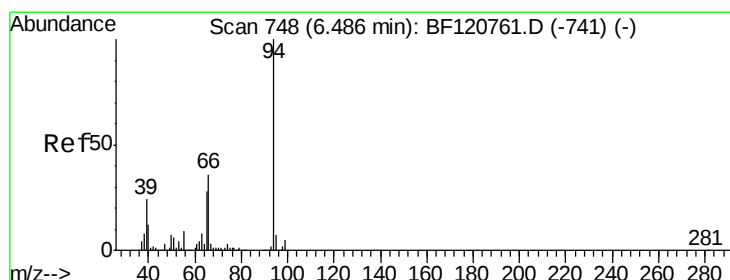
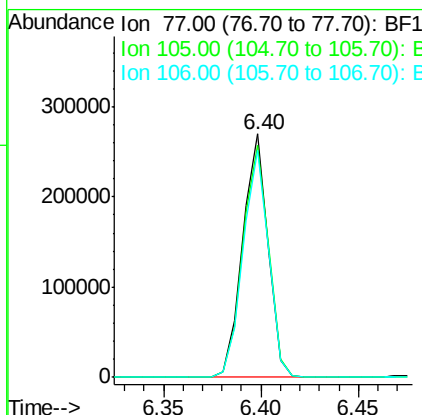
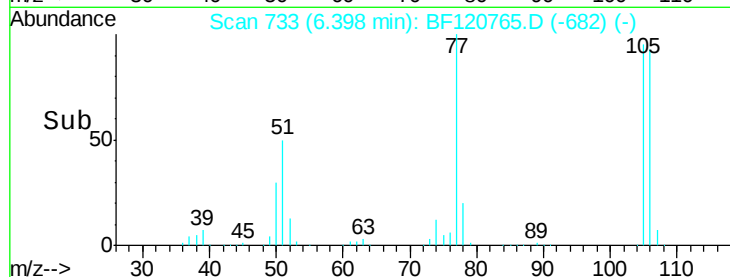
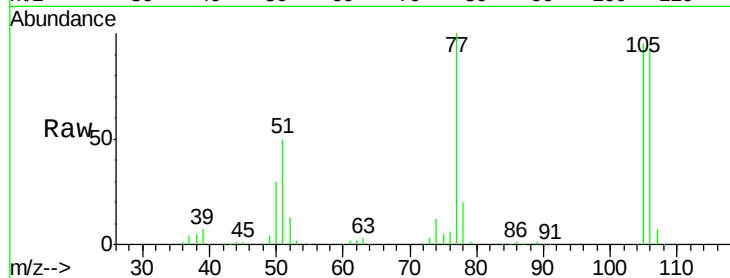
ClientSampleId :

ICVBF070220

Tot Ion:	77	Resp:	242151
Ion	Ratio	Lower	Upper
77	100		
105	95.2	76.8	116.8
106	93.1	73.8	113.8

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#10

Phenol

Concen: 38.954 ng m

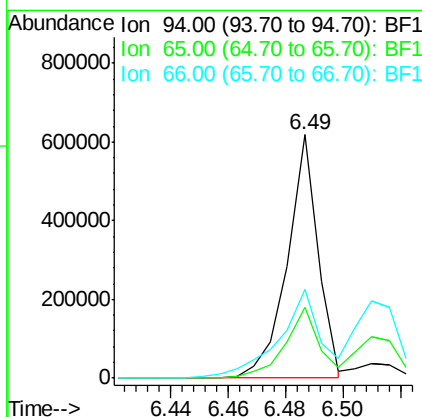
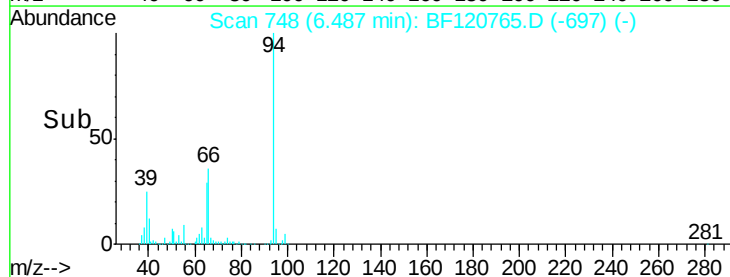
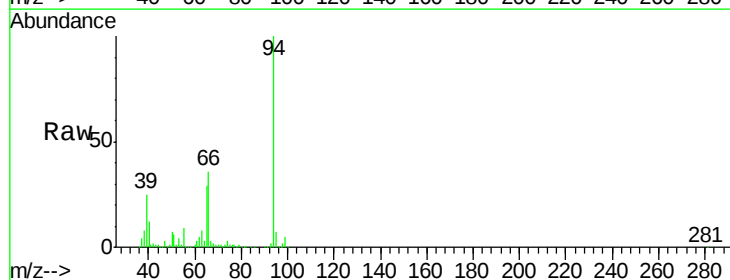
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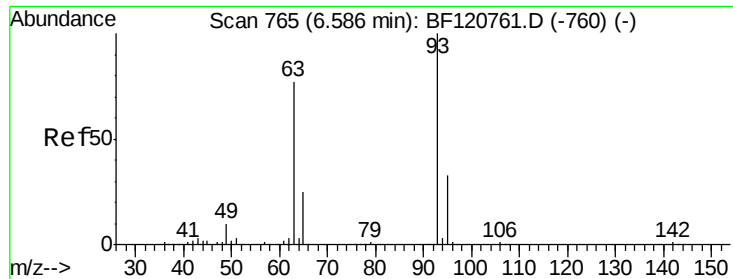
Delta R.T. 0.00 min

Lab File: BF120765.D

Acq: 2 Jul 2020 18:27

Tgt Ion:	94	Resp:	456737
Ion	Ratio	Lower	Upper
94	100		
65	28.9	8.4	48.4
66	36.3	16.5	56.5





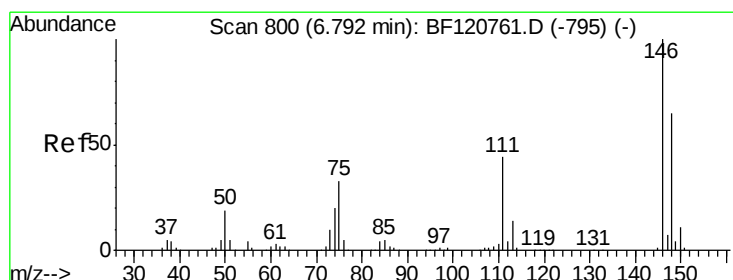
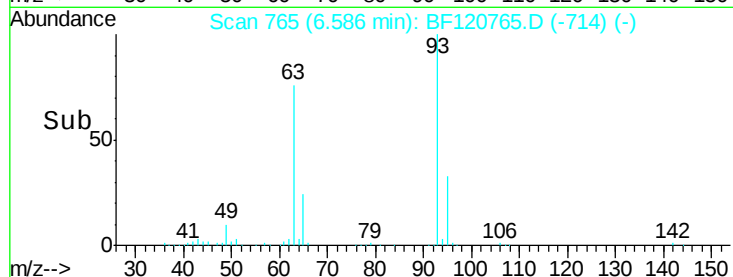
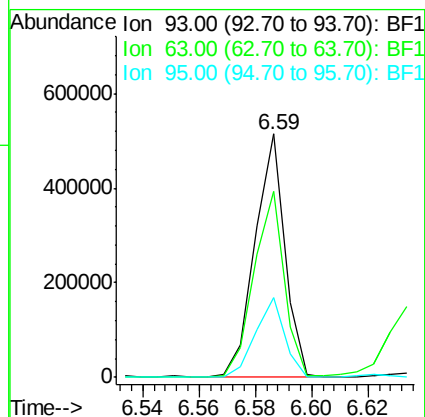
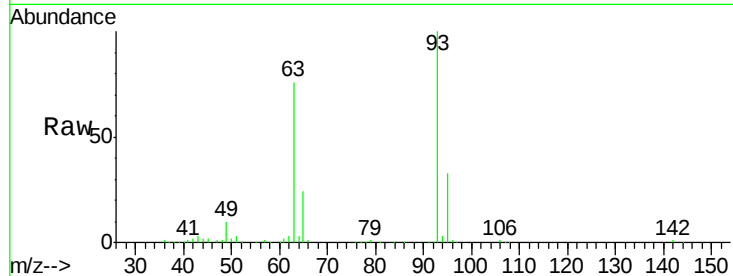
#11
bis(2-Chloroethyl)ether
Concen: 39.546 ng
RT: 6.59 min Scan# 765
Delta R.T. 0.00 min
Lab File: BF120765.D
Acq: 2 Jul 2020 18:27

Instrument :
BNA_F
ClientSampleId :
ICVBF070220

Tot Ion	Ratio	Resp	Lower	Upper
93	100			
63	76.2	56.9	96.9	
95	33.0	13.3	53.3	

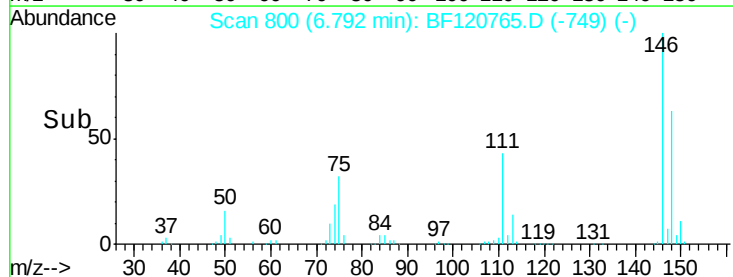
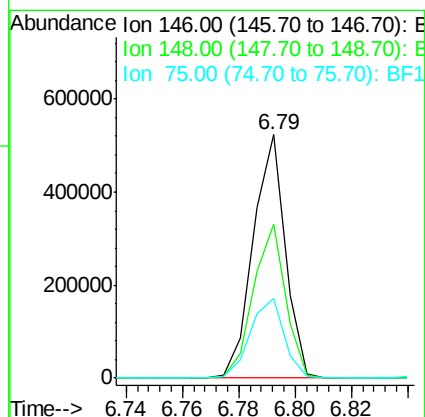
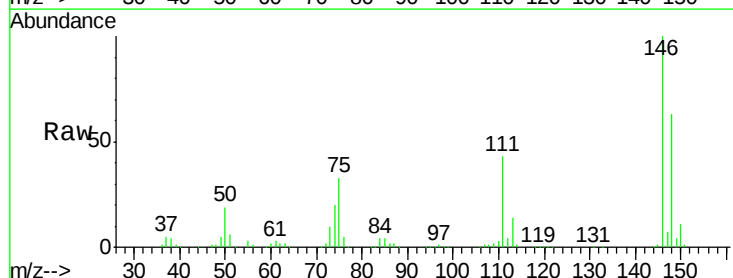
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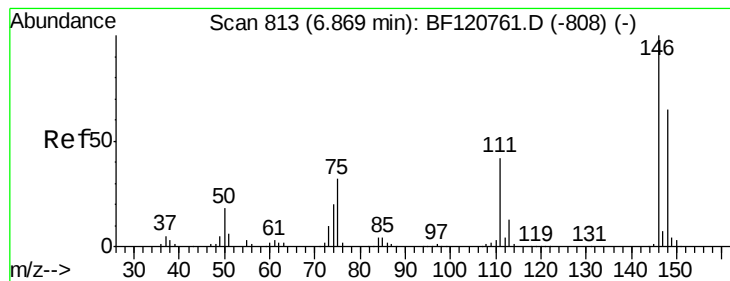
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#12
1,3-Dichlorobenzene
Concen: 39.478 ng
RT: 6.79 min Scan# 800
Delta R.T. 0.00 min
Lab File: BF120765.D
Acq: 2 Jul 2020 18:27

Tgt Ion	Ratio	Resp	Lower	Upper
146	100			
148	63.5	52.1	78.1	
75	32.5	26.0	39.0	





#13

1,4-Dichlorobenzene

Concen: 39.680 ng

RT: 6.87 min Scan# 813

Delta R.T. 0.00 min

Lab File: BF120765.D

Acq: 2 Jul 2020 18:27

Instrument :

BNA_F

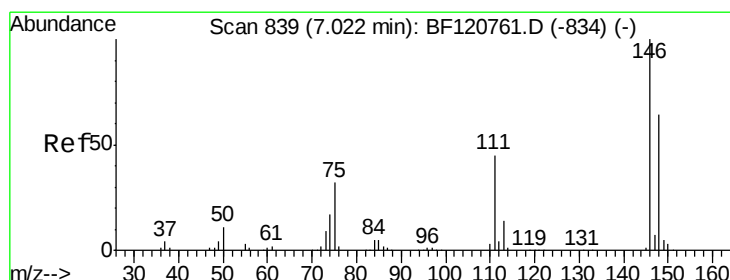
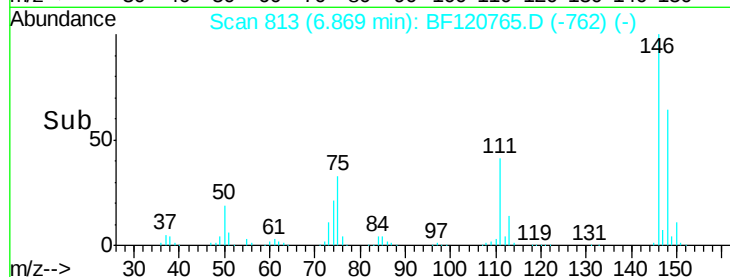
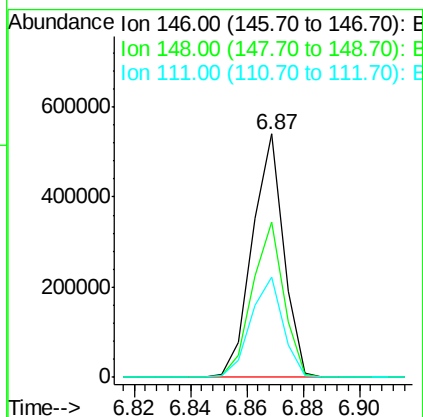
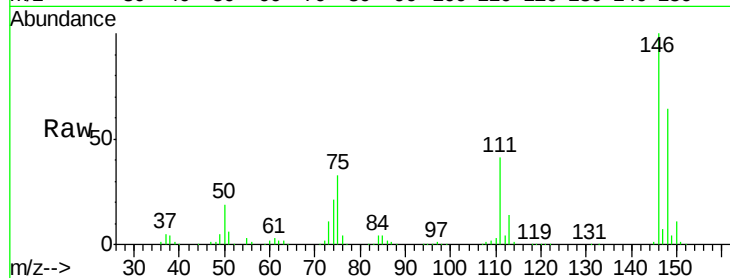
ClientSampleId :

ICVBF070220

Tot Ion	Ratio	Lower	Upper
146	100		
148	63.7	51.8	77.6
111	41.2	33.7	50.5

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#14

1,2-Dichlorobenzene

Concen: 39.570 ng

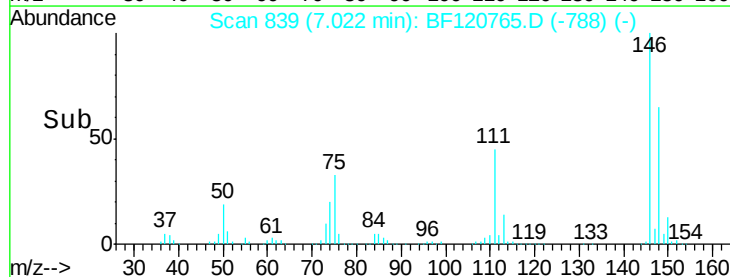
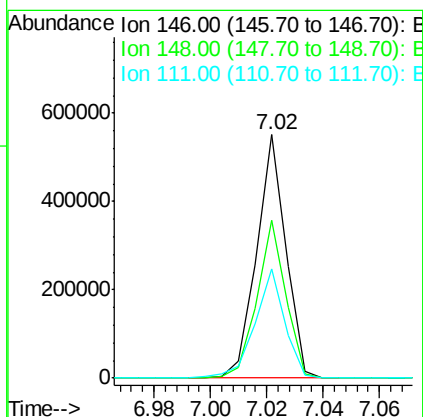
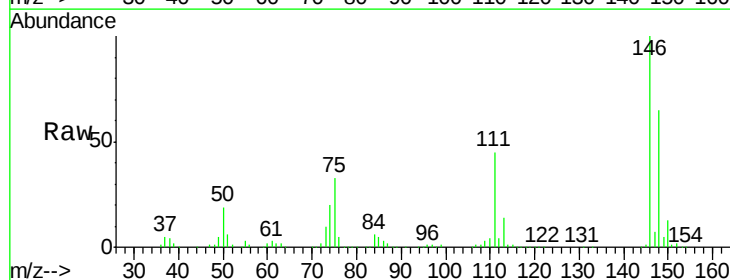
RT: 7.02 min Scan# 839

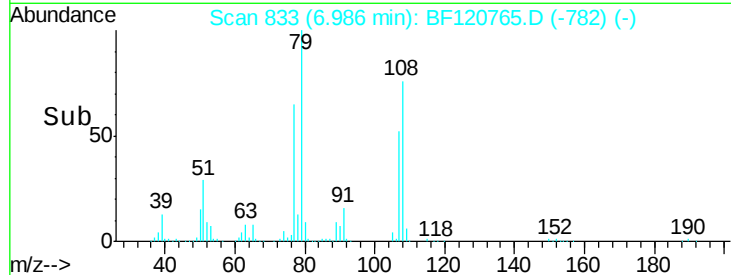
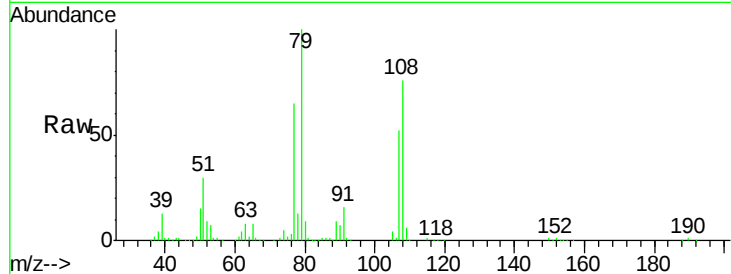
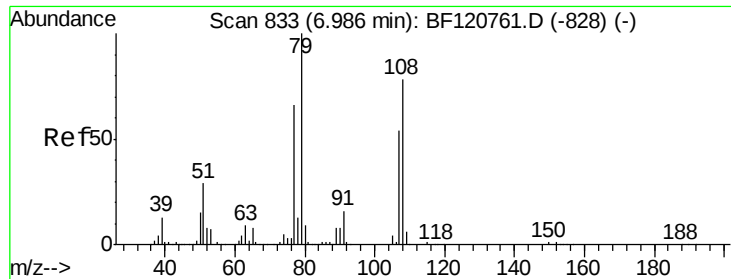
Delta R.T. 0.00 min

Lab File: BF120765.D

Acq: 2 Jul 2020 18:27

Tgt Ion	Ratio	Lower	Upper
146	100		
148	64.6	51.0	76.4
111	44.6	35.7	53.5





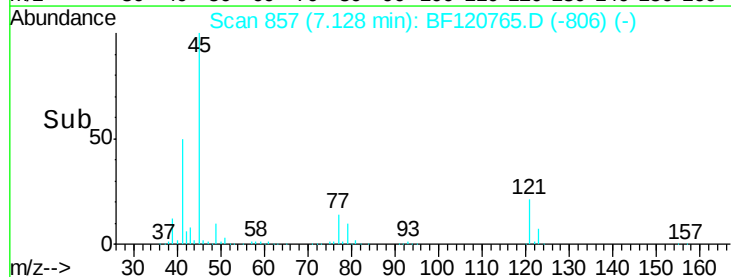
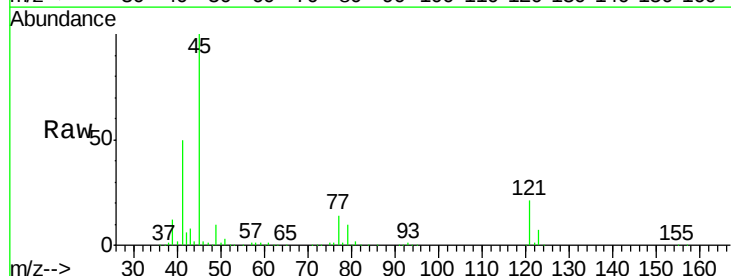
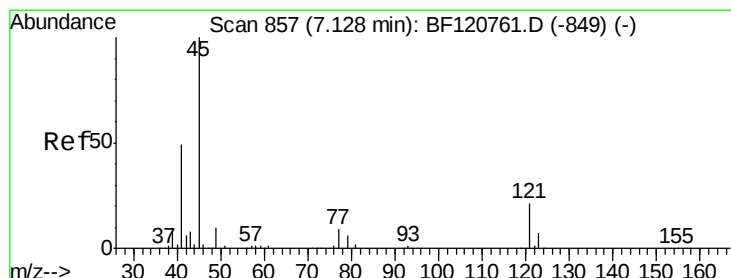
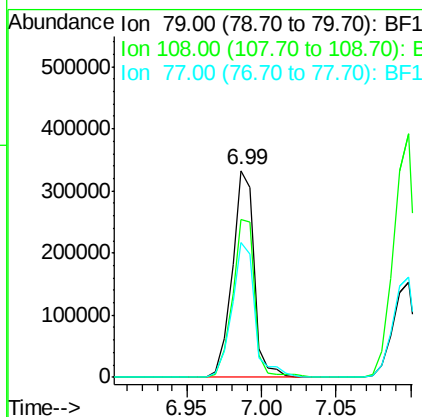
#15
Benzyl Alcohol
Concen: 39.930 ng
RT: 6.99 min Scan# 833
Delta R.T. 0.00 min
Lab File: BF120765.D
Acq: 2 Jul 2020 18:27

Tot Ion	Ratio	Lower	Upper
79	100		
108	76.5	62.4	93.6
77	65.0	52.7	79.1

Instrument :
BNA_F
ClientSampleId :
ICVBF070220

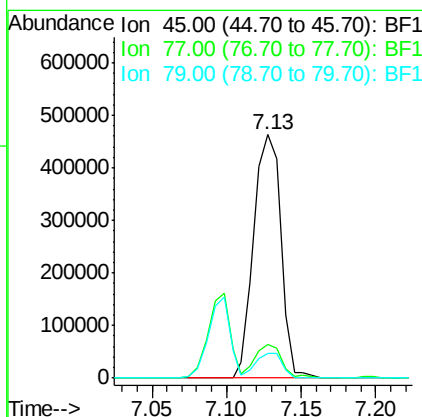
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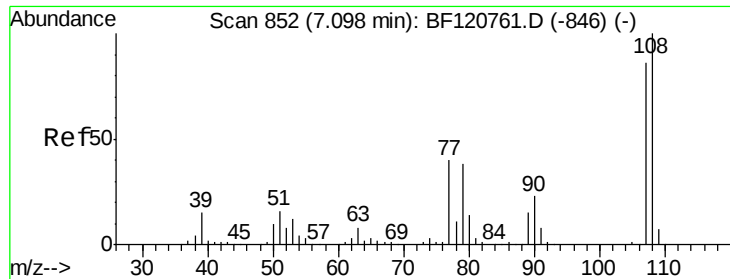
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#16
2,2'-oxybis(1-Chloropropane)
Concen: 39.024 ng
RT: 7.13 min Scan# 857
Delta R.T. 0.00 min
Lab File: BF120765.D
Acq: 2 Jul 2020 18:27

Tgt Ion	Ratio	Lower	Upper
45	100		
77	13.6	0.0	33.7
79	10.1	0.0	30.5





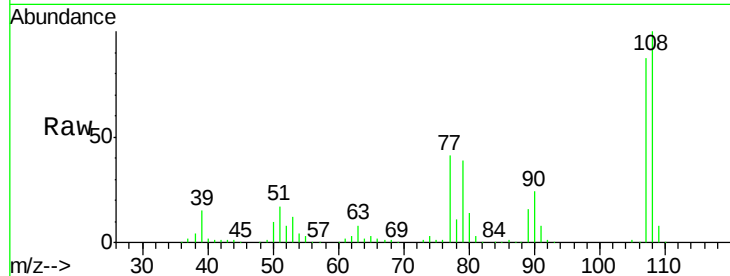
#17
2-Methylphenol
Concen: 38.824 ng
RT: 7.10 min Scan# 852
Delta R.T. 0.00 min
Lab File: BF120765.D
Acq: 2 Jul 2020 18:27

Instrument :
BNA_F
ClientSampleId :
ICVBF070220

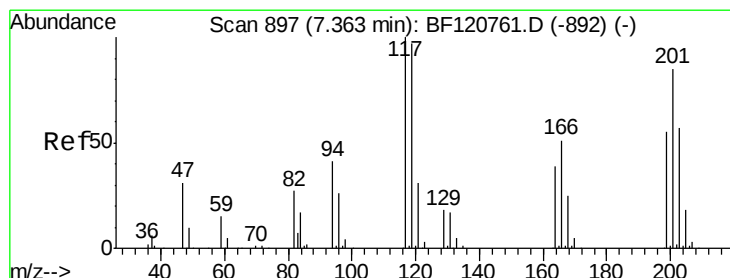
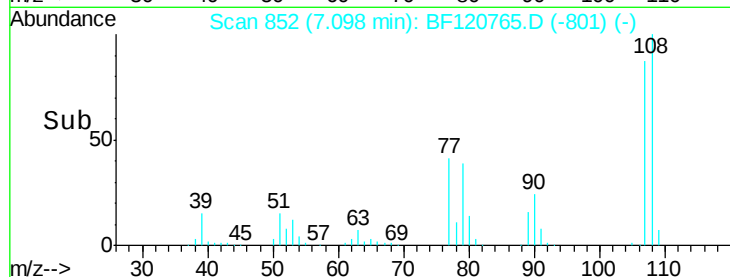
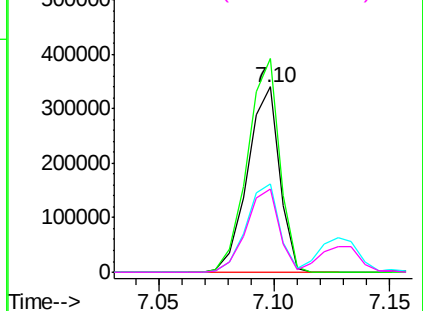
Tot Ion	107	Resp	330035
Ion Ratio	Lower	Upper	
107	100		
108	115.4	93.1	139.7
77	47.5	37.3	55.9
79	45.3	35.3	52.9

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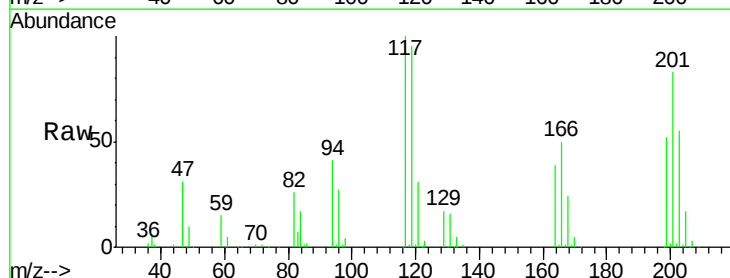


Abundance Ion 107.00 (106.70 to 107.70): E
600000 Ion 108.00 (107.70 to 108.70): E
500000 Ion 77.00 (76.70 to 77.70): BF1
400000 Ion 79.00 (78.70 to 79.70): BF1
300000
200000
100000
0

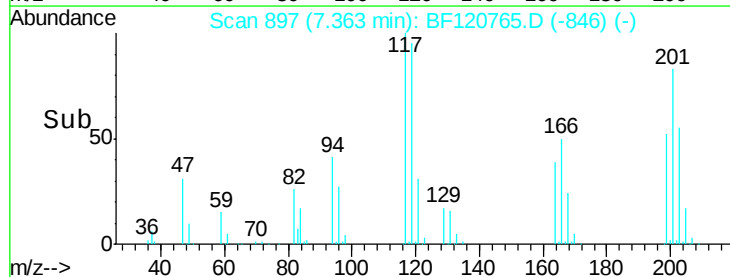
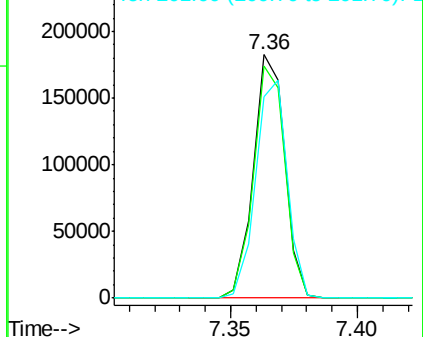


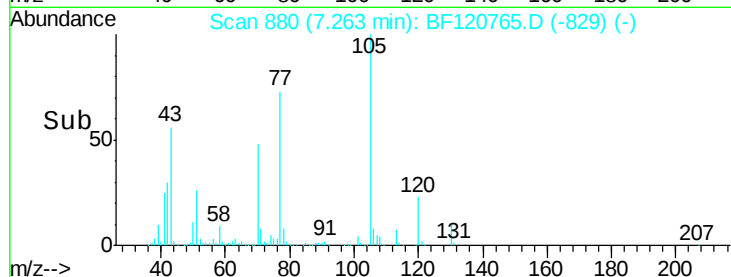
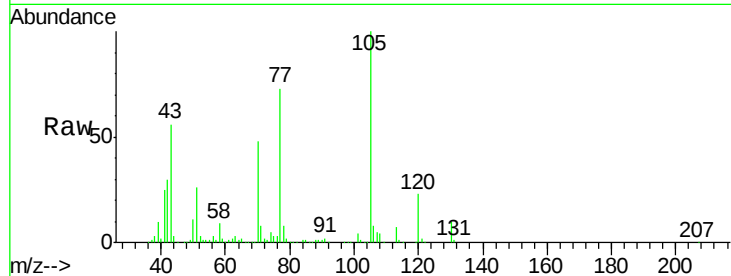
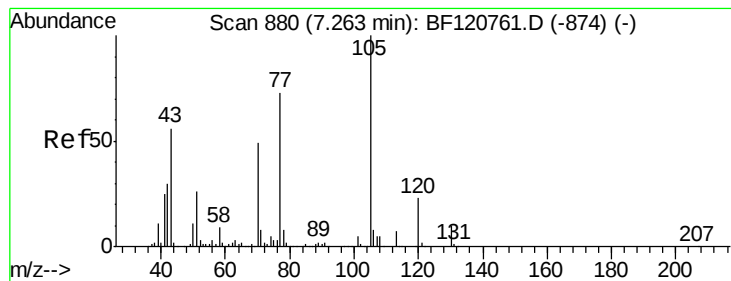
#18
Hexachloroethane
Concen: 40.229 ng
RT: 7.36 min Scan# 897
Delta R.T. 0.00 min
Lab File: BF120765.D
Acq: 2 Jul 2020 18:27

Tgt Ion	117	Resp	158400
Ion Ratio	Lower	Upper	
117	100		
119	95.3	77.9	116.9
201	82.9	68.3	102.5



Abundance Ion 117.00 (116.70 to 117.70): E
250000 Ion 119.00 (118.70 to 119.70): E
200000 Ion 201.00 (200.70 to 201.70): E
150000
100000
50000
0





#19

n-Nitroso-di-n-propylamine

Concen: 38.661 ng

RT: 7.26 min Scan# 880

Delta R.T. 0.00 min

Lab File: BF120765.D

Acq: 2 Jul 2020 18:27

Instrument :

BNA_F

ClientSampleId :

ICVBF070220

Tot Ion: 70 Resp: 265326

Ion Ratio Lower Upper

70 100

42 62.1 50.3 75.5

101 9.2 7.5 11.3

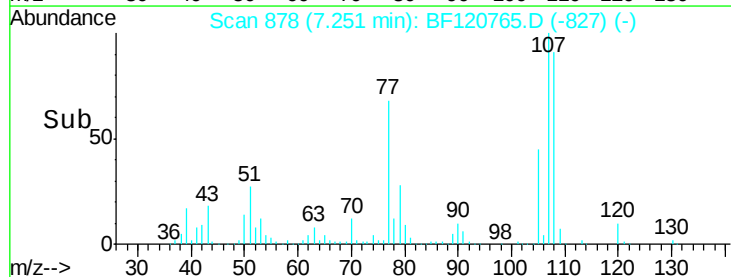
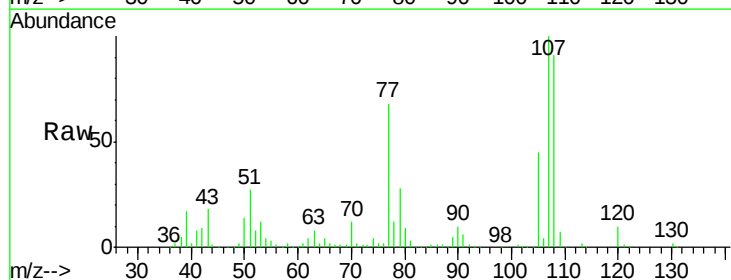
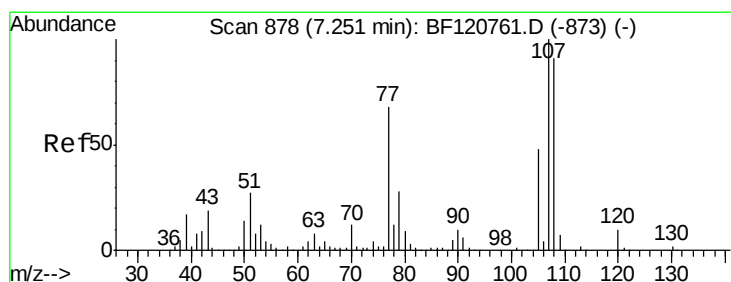
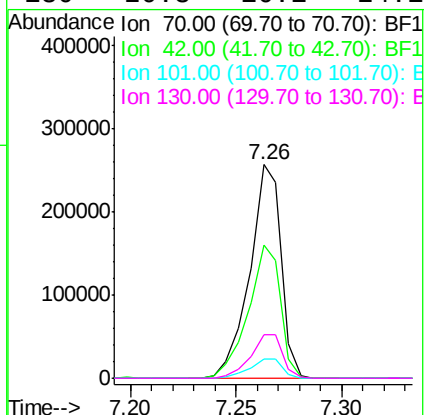
130 20.3 16.1 24.1

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#20

3+4-Methylphenols

Concen: 40.026 ng

RT: 7.25 min Scan# 878

Delta R.T. 0.00 min

Lab File: BF120765.D

Acq: 2 Jul 2020 18:27

Tgt Ion: 107 Resp: 419071

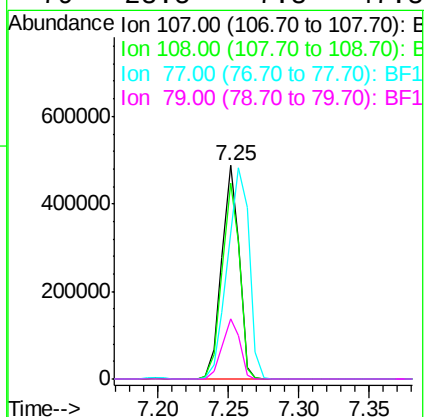
Ion Ratio Lower Upper

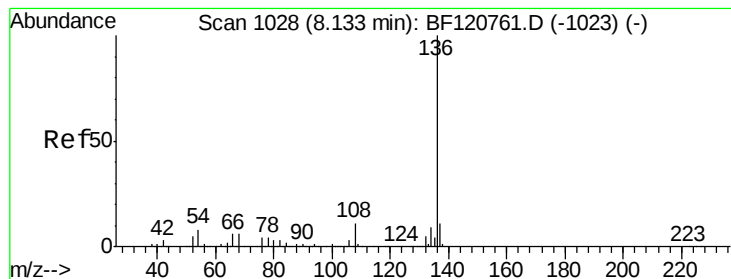
107 100

108 91.5 70.9 110.9

77 68.1 48.3 88.3

79 28.5 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: BF120765.D

Acq: 2 Jul 2020 18:27

Instrument :

BNA_F

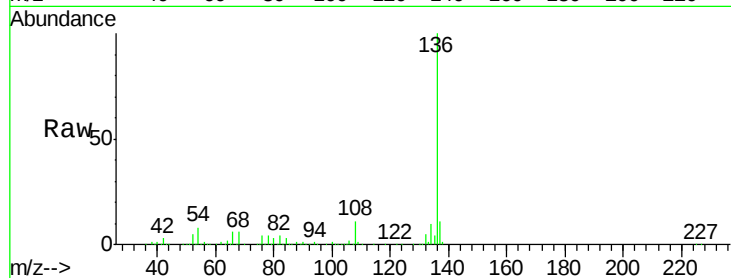
ClientSampleId :

ICVBF070220

Tot Ion	Ratio	Resp	Lower	Upper
136	100	497364		
137	11.3	9.0	13.6	
54	8.3	6.2	9.4	
68	5.9	4.7	7.1	

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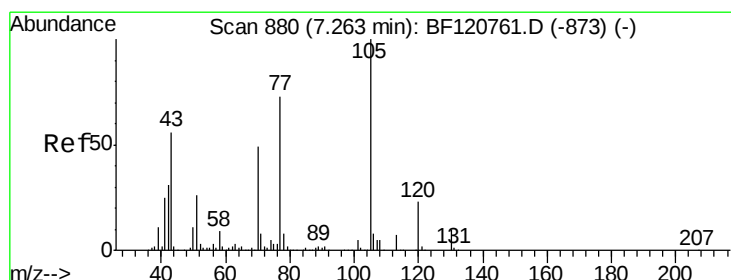
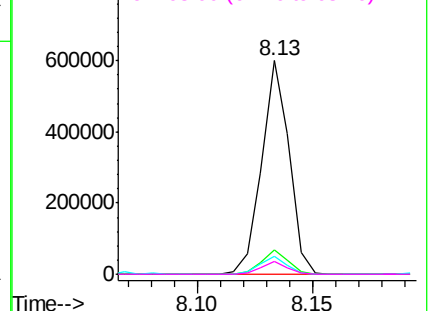
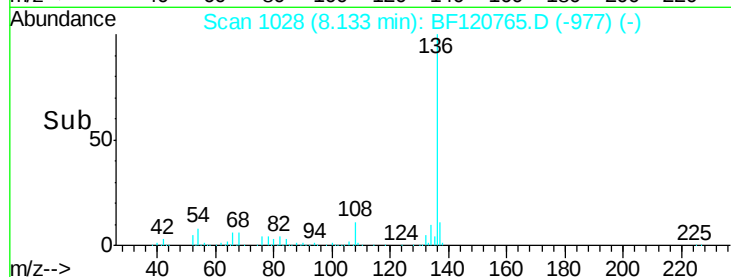


Abundance Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BF1

Ion 68.00 (67.70 to 68.70): BF1



#22

Acetophenone

Concen: 40.762 ng

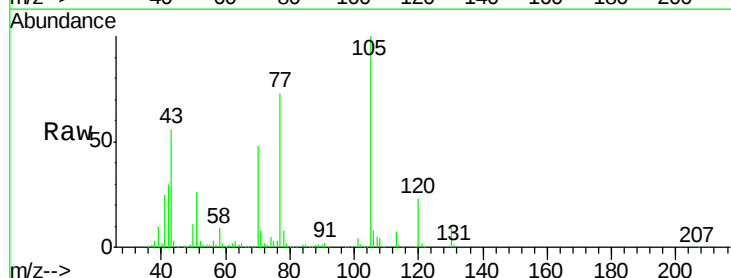
RT: 7.26 min Scan# 880

Delta R.T. 0.00 min

Lab File: BF120765.D

Acq: 2 Jul 2020 18:27

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	503929		
71	7.8	6.5	9.7	
51	26.2	21.0	31.4	
120	22.9	18.6	28.0	

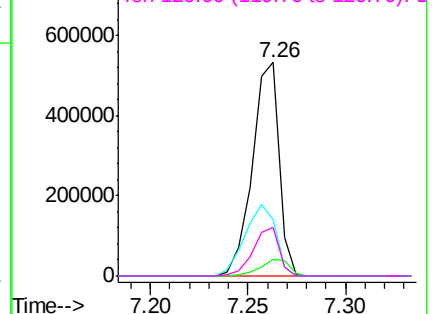
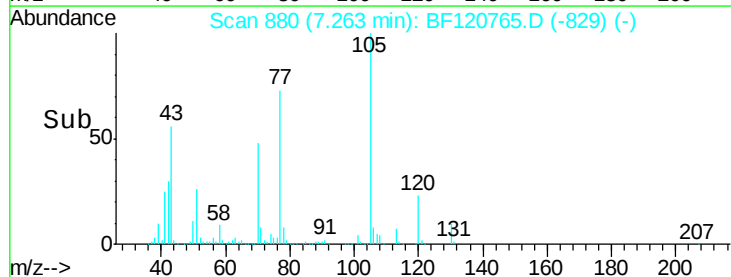


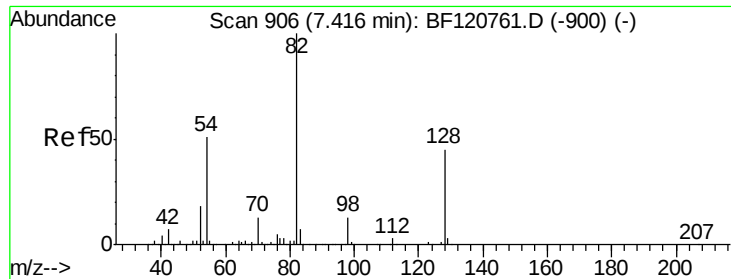
Abundance Ion 105.00 (104.70 to 105.70): E

Ion 71.00 (70.70 to 71.70): BF1

Ion 51.00 (50.70 to 51.70): BF1

Ion 120.00 (119.70 to 120.70): E





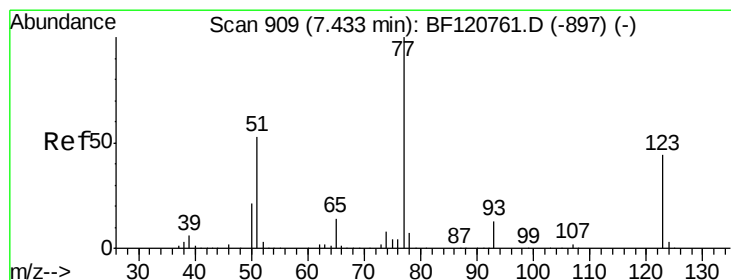
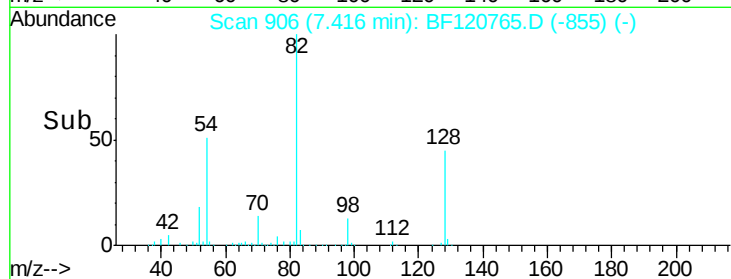
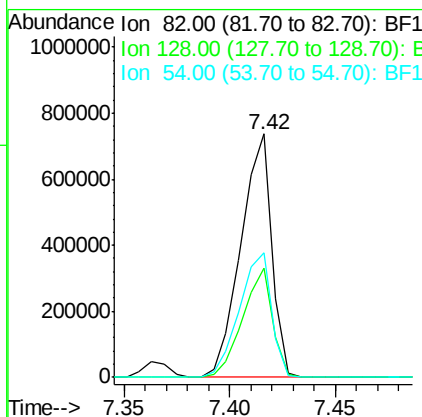
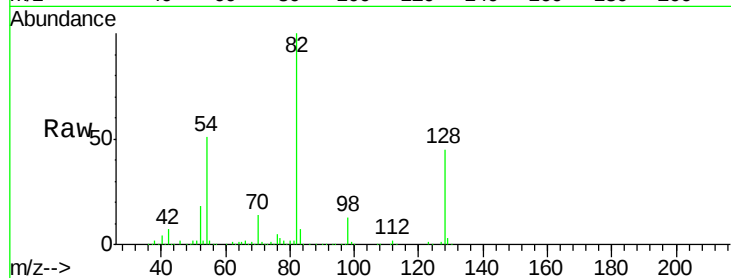
#23
 Nitrobenzene-d5
 Concen: 87.173 ng
 RT: 7.42 min Scan# 906
 Delta R.T. 0.00 min
 Lab File: BF120765.D
 Acq: 2 Jul 2020 18:27

Instrument :
 BNA_F
 ClientSampleId :
 ICVBF070220

Tot Ion	Ratio	Lower	Upper
82	100		
128	44.6	35.7	53.5
54	51.4	40.9	61.3

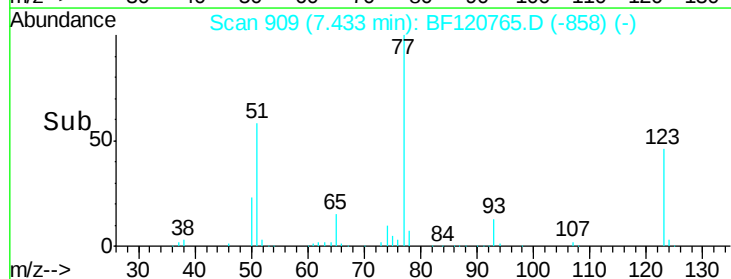
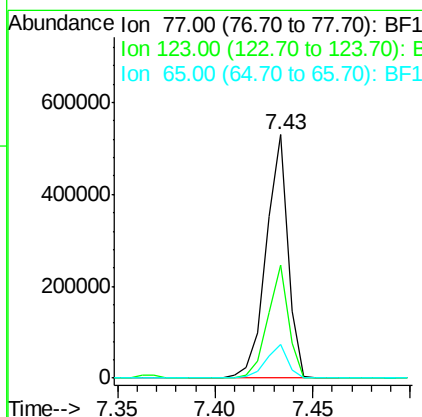
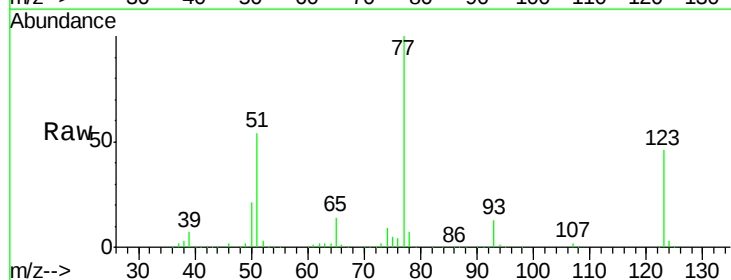
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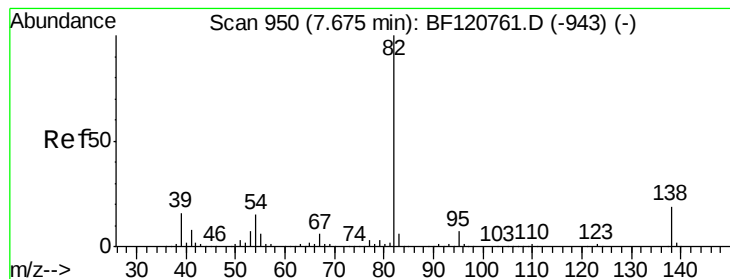
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#24
 Nitrobenzene
 Concen: 42.441 ng
 RT: 7.43 min Scan# 909
 Delta R.T. 0.00 min
 Lab File: BF120765.D
 Acq: 2 Jul 2020 18:27

Tgt Ion	Ratio	Lower	Upper
77	100		
123	46.3	36.1	54.1
65	13.7	11.0	16.4





#25

Isophorone

Concen: 39.914 ng

RT: 7.67 min Scan# 950

Delta R.T. 0.00 min

Lab File: BF120765.D

Acq: 2 Jul 2020 18:27

Instrument :

BNA_F

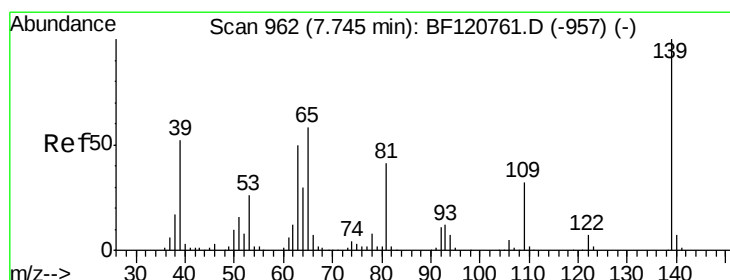
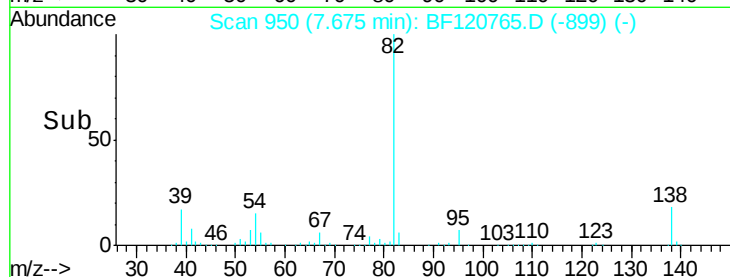
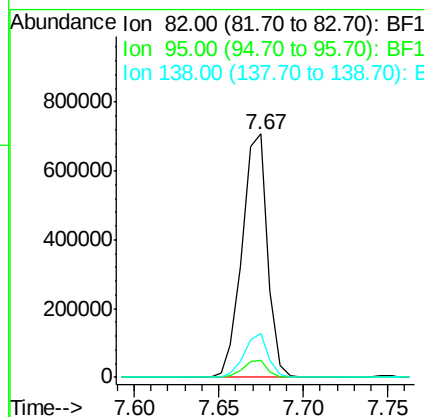
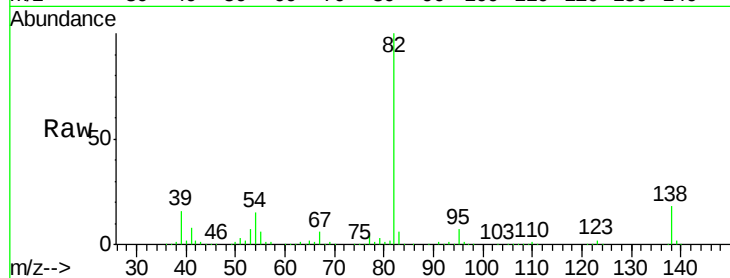
ClientSampleId :

ICVBF070220

Tot Ion:	82	Resp:	738932
Ion Ratio	Lower	Upper	
82	100		
95	7.1	5.4	8.2
138	18.2	15.0	22.4

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#26

2-Nitrophenol

Concen: 41.749 ng

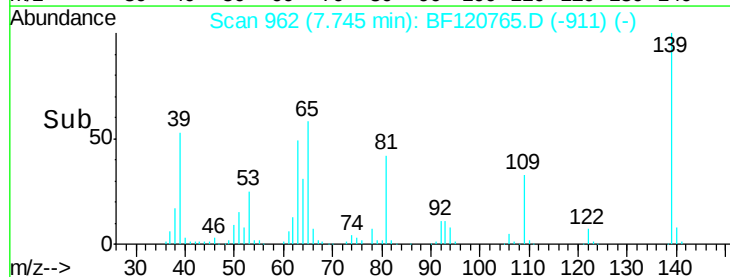
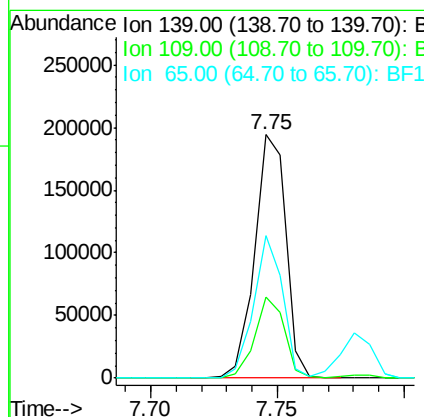
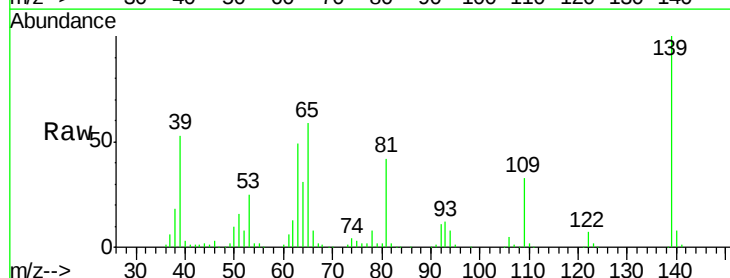
RT: 7.75 min Scan# 962

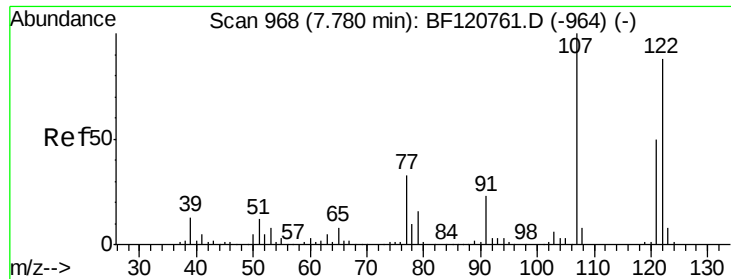
Delta R.T. 0.00 min

Lab File: BF120765.D

Acq: 2 Jul 2020 18:27

Tgt Ion:	139	Resp:	166886
Ion Ratio	Lower	Upper	
139	100		
109	33.3	25.3	37.9
65	58.7	46.2	69.2





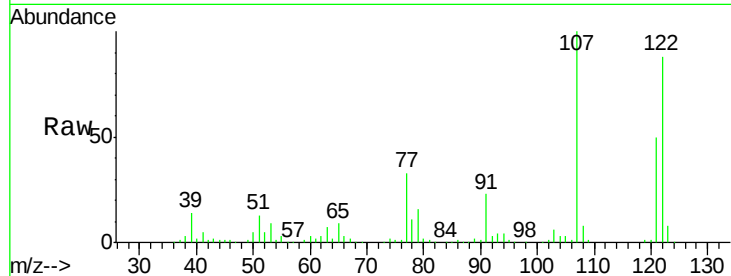
#27
2,4-Dimethylphenol
Concen: 40.756 ng
RT: 7.78 min Scan# 968
Delta R.T. 0.00 min
Lab File: BF120765.D
Acq: 2 Jul 2020 18:27

Instrument :
BNA_F
ClientSampleId :
ICVBF070220

Tot Ion	Ion	Ratio	Resp	Lower	Upper
122	100		301194		
107	114.2	90.7	136.1		
121	56.7	45.4	68.0		

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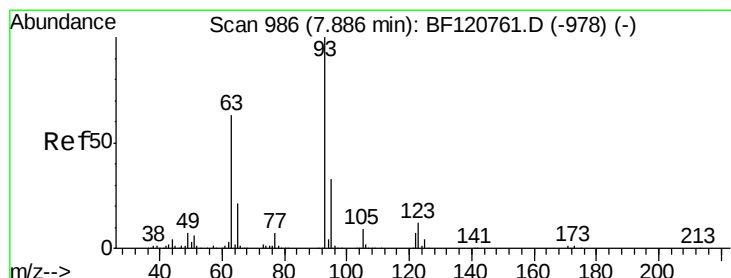
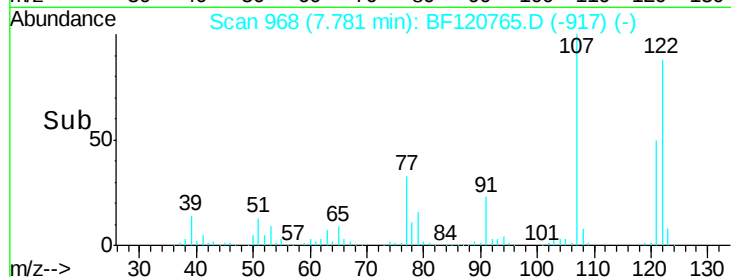
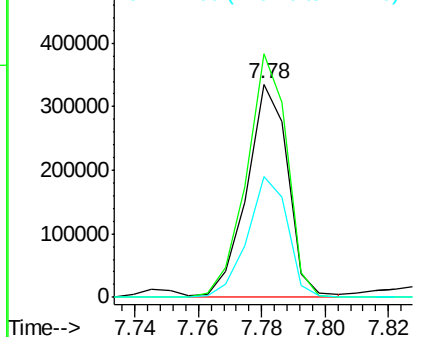


Abundance

Ion 122.00 (121.70 to 122.70): E

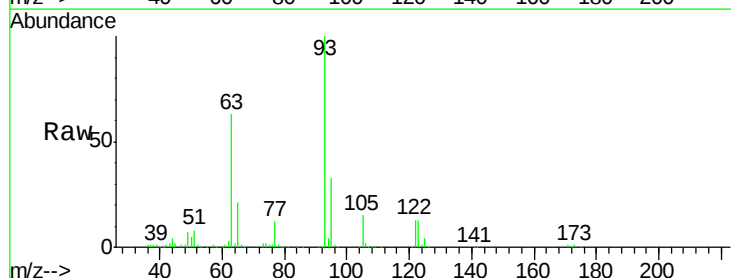
Ion 107.00 (106.70 to 107.70): E

Ion 121.00 (120.70 to 121.70): E



#28
bis(2-Chloroethoxy)methane
Concen: 40.208 ng
RT: 7.89 min Scan# 986
Delta R.T. 0.00 min
Lab File: BF120765.D
Acq: 2 Jul 2020 18:27

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
93	100		440551		
95	33.1	26.4	39.6		
123	12.5	10.2	15.2		

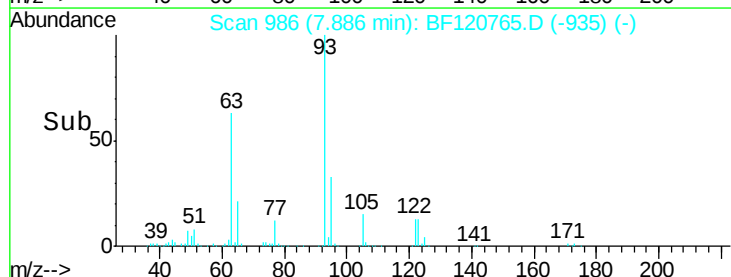
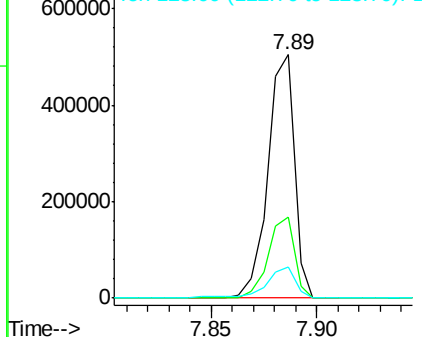


Abundance

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





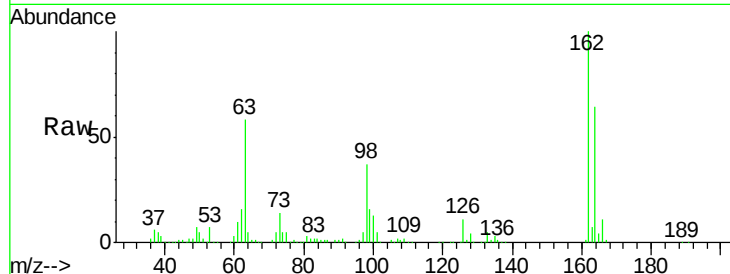
#29
2,4-Dichlorophenol
Concen: 40.806 ng
RT: 7.99 min Scan# 1003
Delta R.T. 0.00 min
Lab File: BF120765.D
Acq: 2 Jul 2020 18:27

Instrument :
BNA_F
ClientSampleId :
ICVBF070220

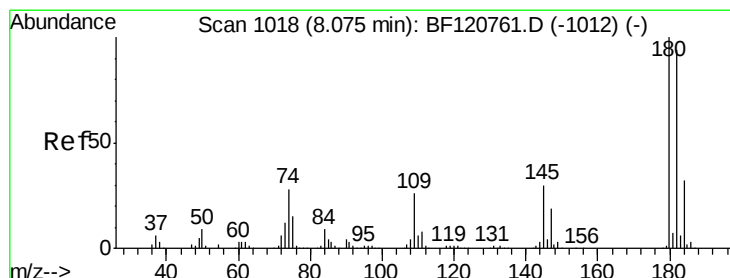
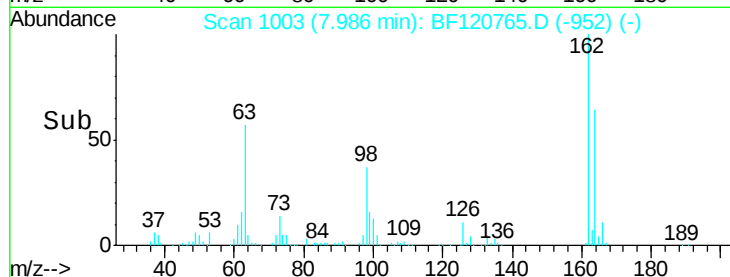
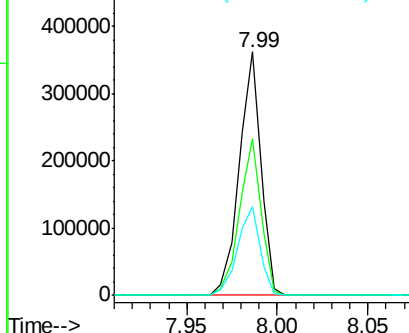
Tot Ion	Ratio	Resp	Lower	Upper
162	100	301057		
164	64.1	45.2	85.2	
98	36.6	17.0	57.0	

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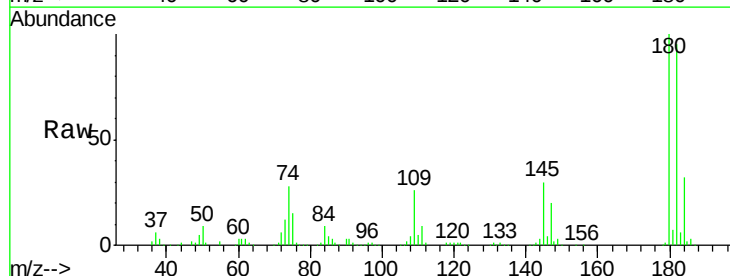


Abundance Ion 162.00 (161.70 to 162.70): E
Ion 164.00 (163.70 to 164.70): E
Ion 98.00 (97.70 to 98.70): BF1

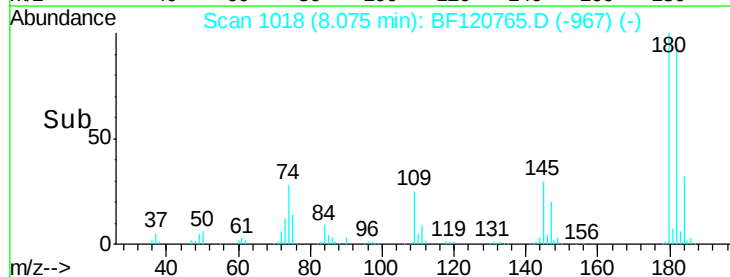
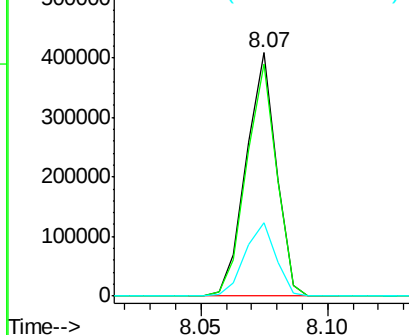


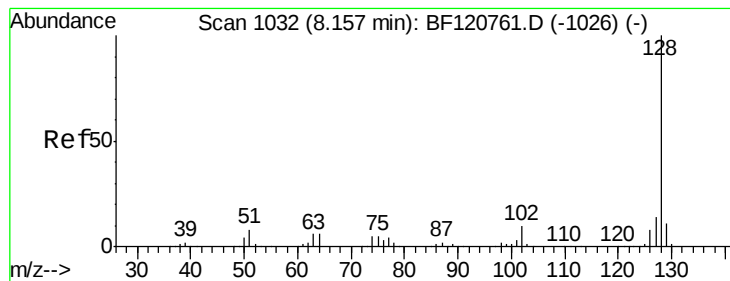
#30
1,2,4-Trichlorobenzene
Concen: 40.730 ng
RT: 8.07 min Scan# 1018
Delta R.T. 0.00 min
Lab File: BF120765.D
Acq: 2 Jul 2020 18:27

Tgt Ion	Ratio	Resp	Lower	Upper
180	100	337509		
182	95.2	75.5	113.3	
145	29.9	24.1	36.1	



Abundance Ion 180.00 (179.70 to 180.70): E
Ion 182.00 (181.70 to 182.70): E
Ion 145.00 (144.70 to 145.70): E





#31

Naphthalene

Concen: 40.762 ng

RT: 8.16 min Scan# 1032

Delta R.T. 0.00 min

Lab File: BF120765.D

Acq: 2 Jul 2020 18:27

Instrument :

BNA_F

ClientSampleId :

ICVBF070220

Tot Ion:128 Resp: 1083468

Ion Ratio Lower Upper

128 100

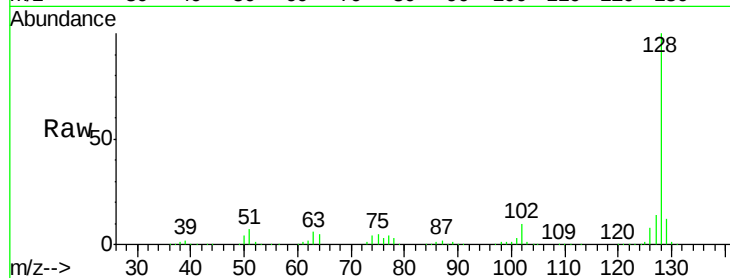
129 11.6 9.2 13.8

127 13.8 11.1 16.7

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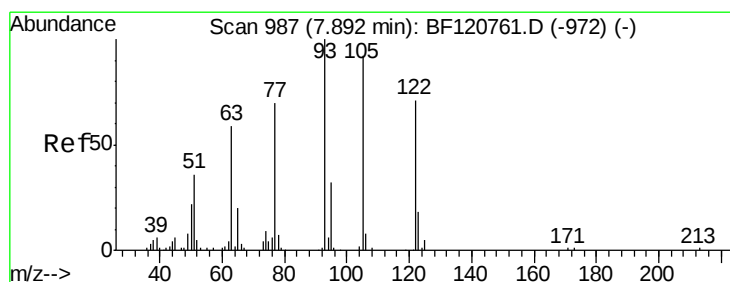
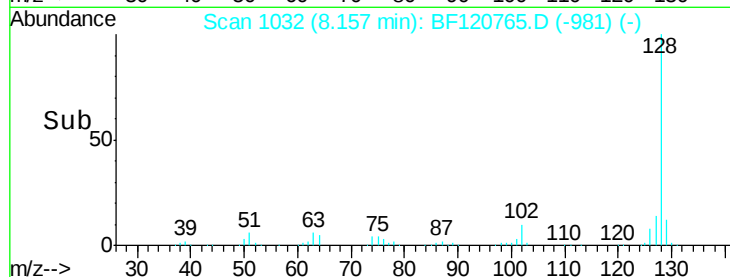
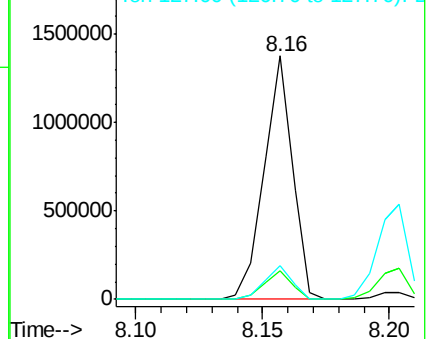
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Abundance Ion 128.00 (127.70 to 128.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 127.00 (126.70 to 127.70): E



#32

Benzoic acid

Concen: 42.139 ng

RT: 7.89 min Scan# 987

Delta R.T. 0.00 min

Lab File: BF120765.D

Acq: 2 Jul 2020 18:27

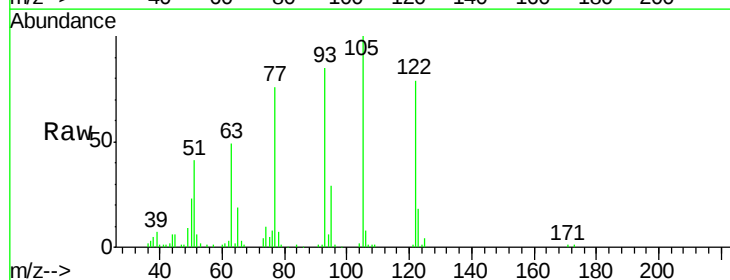
Tgt Ion:122 Resp: 217245

Ion Ratio Lower Upper

122 100

105 126.7 105.8 145.8

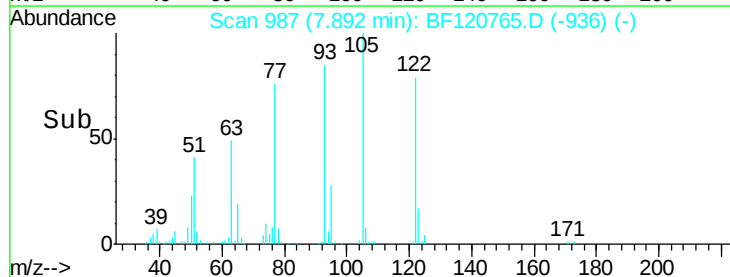
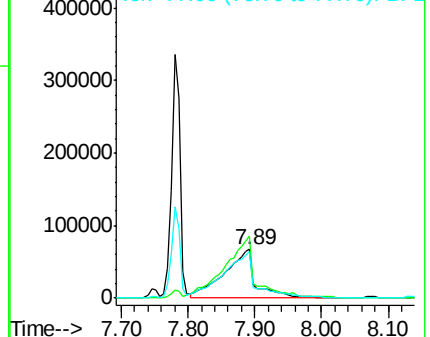
77 95.9 77.3 117.3



Abundance Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BF1





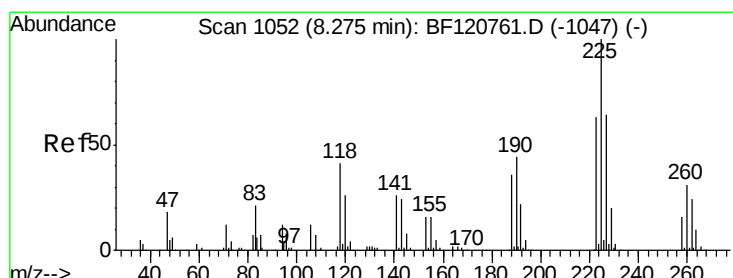
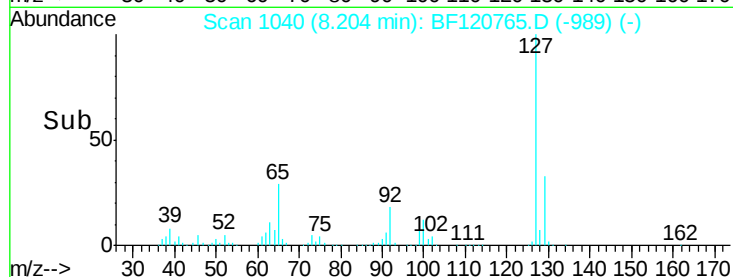
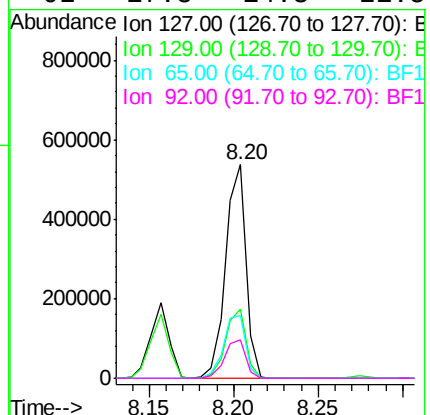
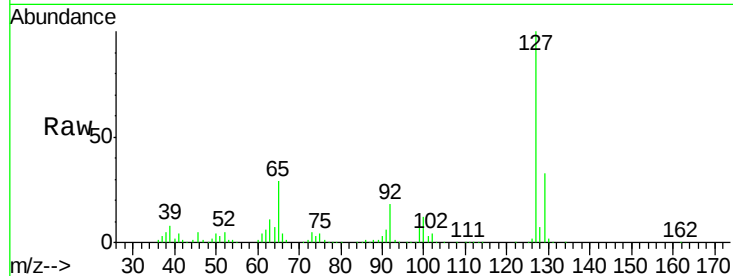
#33
4-Chloroaniline
Concen: 40.019 ng
RT: 8.20 min Scan# 1040
Delta R.T. 0.00 min
Lab File: BF120765.D
Acq: 2 Jul 2020 18:27

Instrument :
BNA_F
ClientSampleId :
ICVBF070220

Tot Ion	Ion	Ratio	Resp	Lower	Upper
127	100		451383		
129	32.6	26.6	39.8		
65	29.2	22.7	34.1		
92	17.8	14.3	21.5		

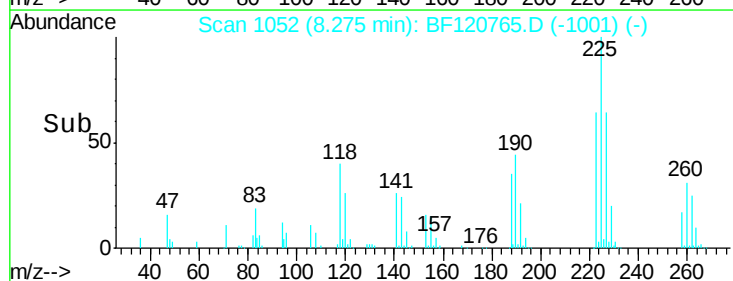
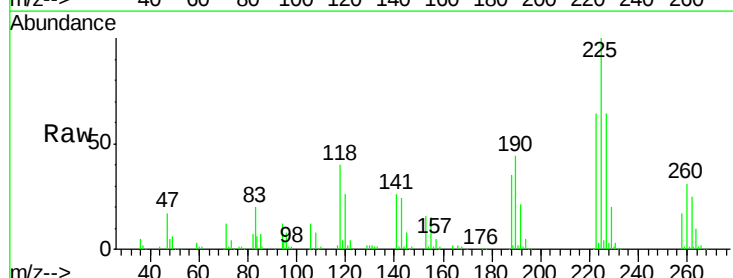
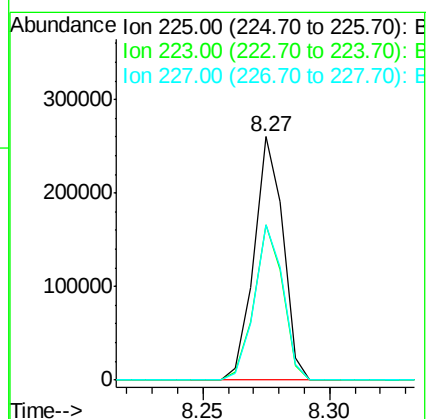
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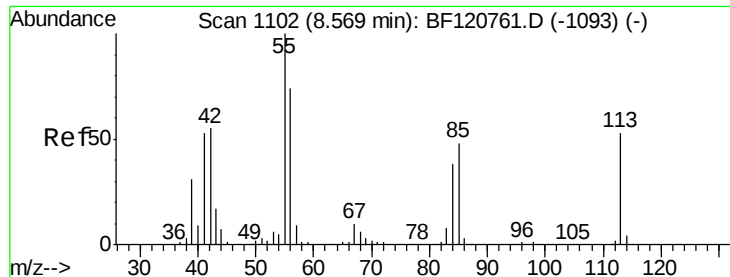
mohammad
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#34
Hexachlorobutadiene
Concen: 41.638 ng
RT: 8.27 min Scan# 1052
Delta R.T. 0.00 min
Lab File: BF120765.D
Acq: 2 Jul 2020 18:27

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
225	100		207515		
223	64.0	50.6	76.0		
227	63.8	51.4	77.2		





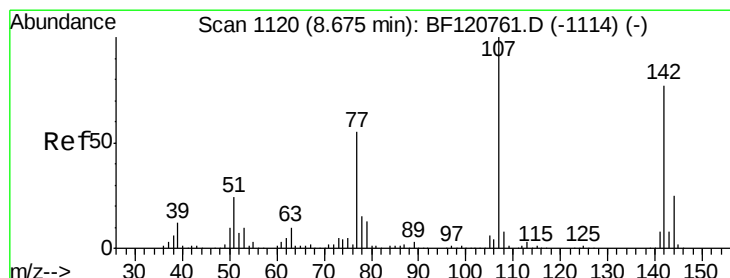
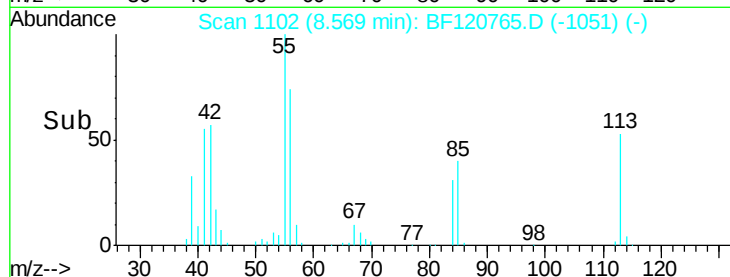
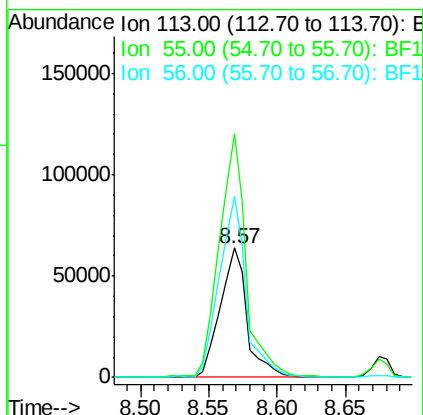
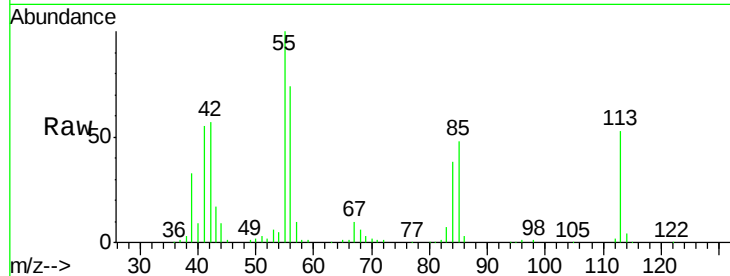
#35
 Caprolactam
 Concen: 40.937 ng/ml
 RT: 8.57 min Scan# 1102
 Delta R.T. 0.00 min
 Lab File: BF120765.D
 Acq: 2 Jul 2020 18:27

Instrument :
 BNA_F
 ClientSampleId :
 ICVBF070220

Tot Ion	Ion	Ratio	Lower	Upper
113	100			
55	188.5	168.3	208.3	
56	140.3	118.8	158.8	

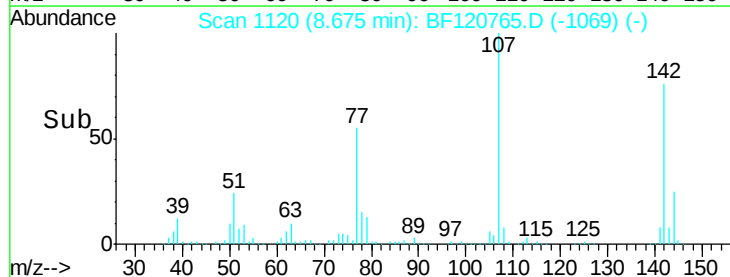
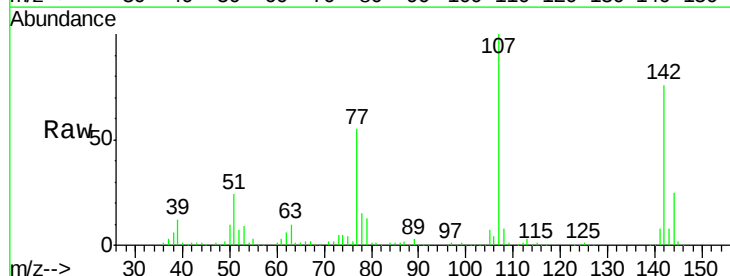
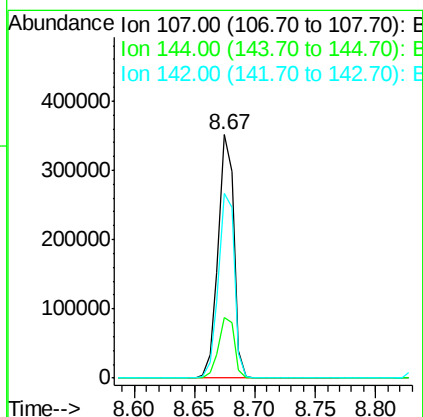
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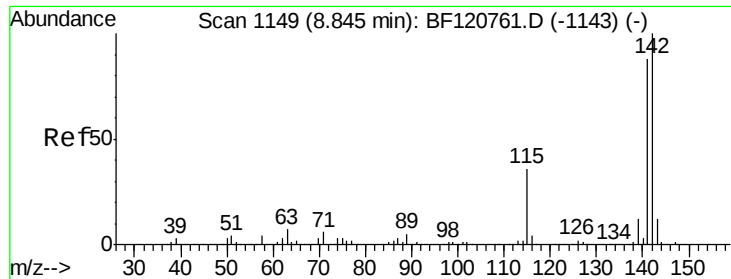
mohammad
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#36
 4-Chloro-3-methylphenol
 Concen: 40.820 ng/ml
 RT: 8.67 min Scan# 1120
 Delta R.T. 0.00 min
 Lab File: BF120765.D
 Acq: 2 Jul 2020 18:27

Tgt Ion	Ion	Ratio	Lower	Upper
107	100			
144	24.8	19.7	29.5	
142	76.1	61.2	91.8	





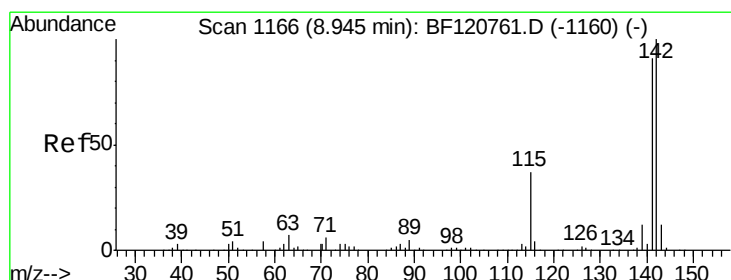
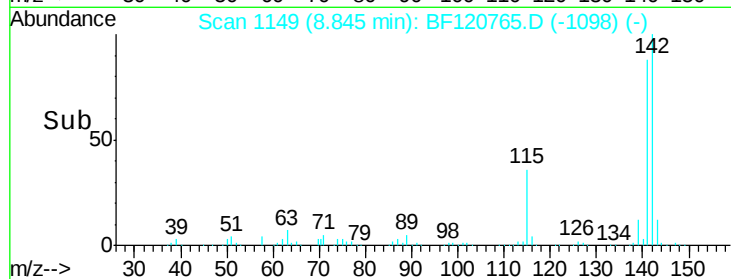
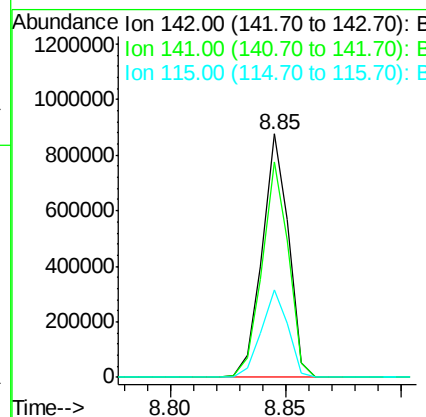
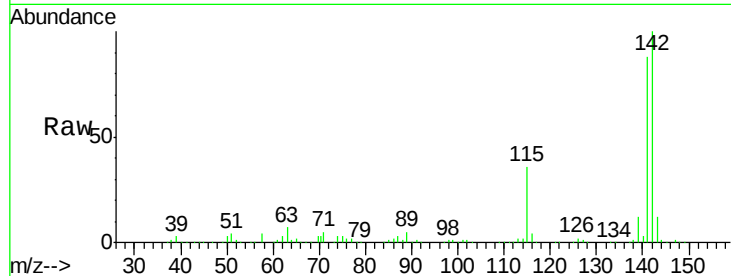
#37
2-Methylnaphthalene
Concen: 40.469 ng
RT: 8.85 min Scan# 1149
Delta R.T. 0.00 min
Lab File: BF120765.D
Acq: 2 Jul 2020 18:27

Instrument :
BNA_F
ClientSampleId :
ICVBF070220

Tot Ion	Ratio	Lower	Upper
142	100		
141	88.3	70.2	105.4
115	36.2	29.0	43.4

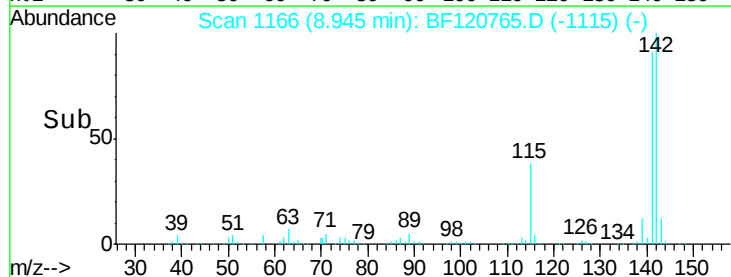
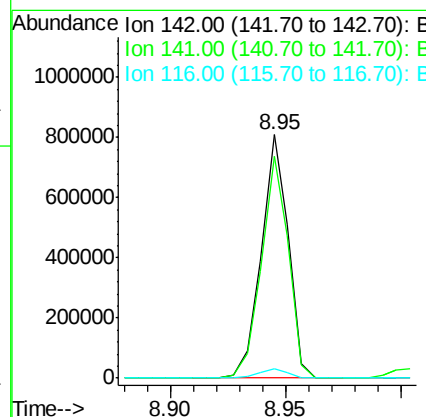
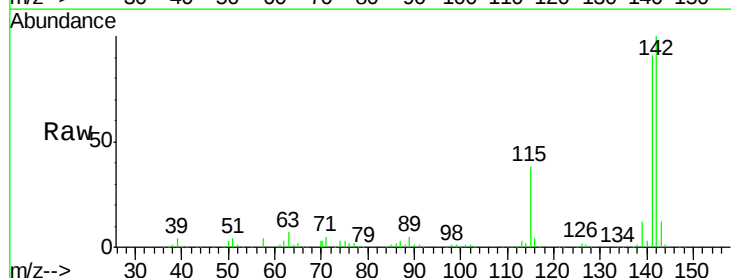
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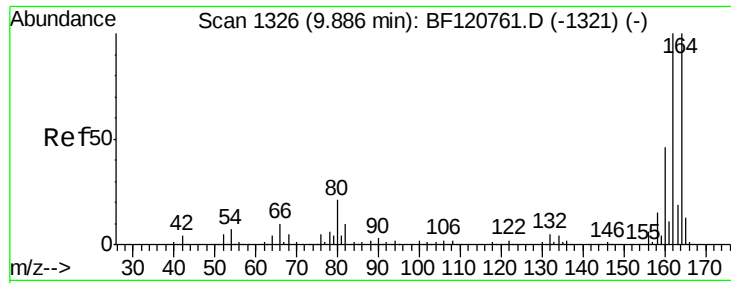
mohammad
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#38
1-Methylnaphthalene
Concen: 40.519 ng
RT: 8.95 min Scan# 1166
Delta R.T. 0.00 min
Lab File: BF120765.D
Acq: 2 Jul 2020 18:27

Tgt Ion	Ratio	Lower	Upper
142	100		
141	91.2	72.5	108.7
116	3.9	3.1	4.7





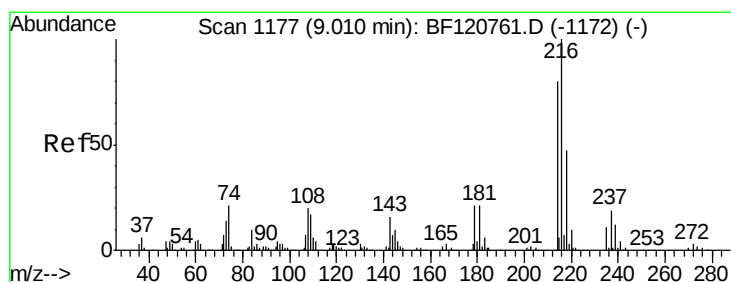
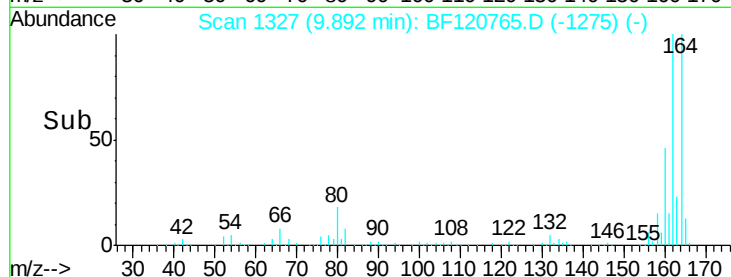
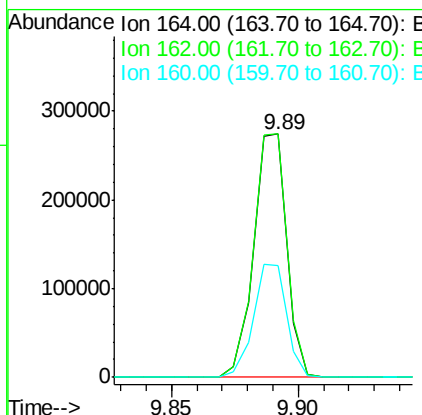
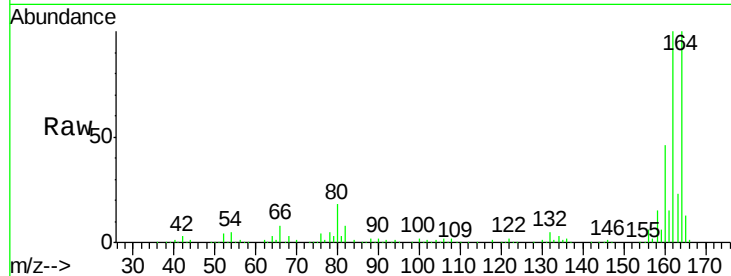
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.89 min Scan# 1327
Delta R.T. 0.01 min
Lab File: BF120765.D
Acq: 2 Jul 2020 18:27

Instrument :
BNA_F
ClientSampleId :
ICVBF070220

Tot Ion	Ratio	Resp	Lower	Upper
164	100	249365		
162	100.1	80.2	120.2	
160	46.1	36.9	55.3	

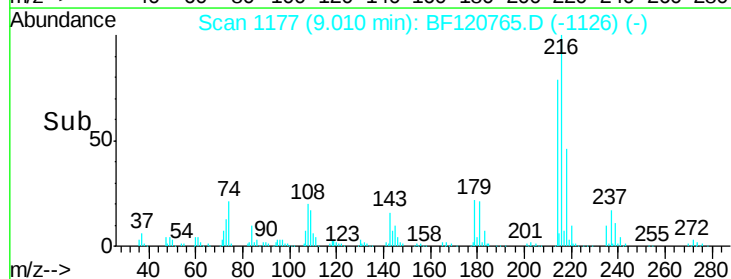
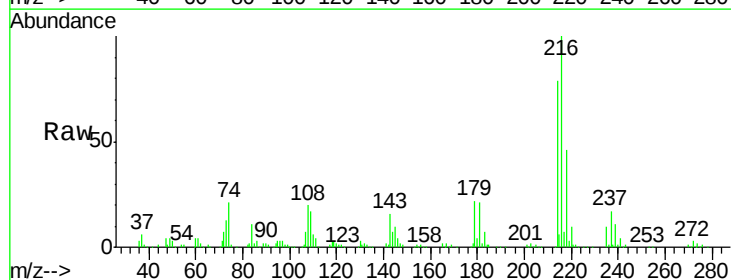
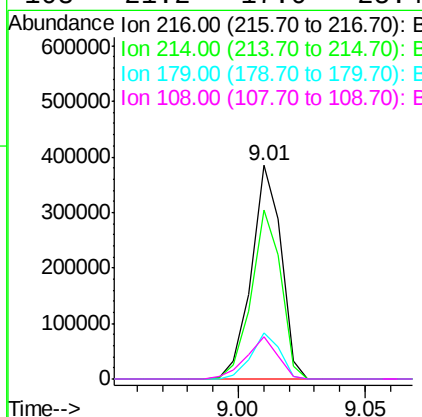
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#40
1,2,4,5-Tetrachlorobenzene
Concen: 41.768 ng
RT: 9.01 min Scan# 1177
Delta R.T. 0.00 min
Lab File: BF120765.D
Acq: 2 Jul 2020 18:27

Tgt Ion	Ratio	Resp	Lower	Upper
216	100	314782		
214	78.8	63.7	95.5	
179	21.2	16.7	25.1	
108	21.2	17.0	25.4	





#41

Hexachlorocyclopentadiene

Concen: 42.543 ng

RT: 9.00 min Scan# 1176

Delta R.T. 0.00 min

Lab File: BF120765.D

Acq: 2 Jul 2020 18:27

Instrument :

BNA_F

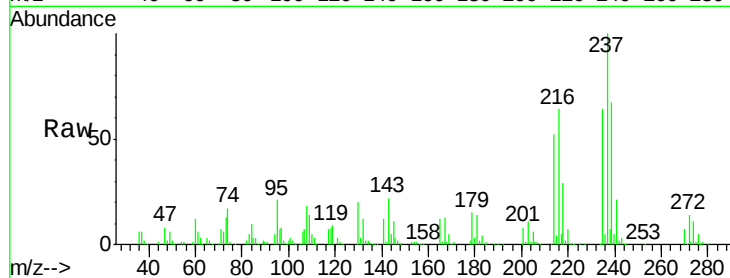
ClientSampleId :

ICVBF070220

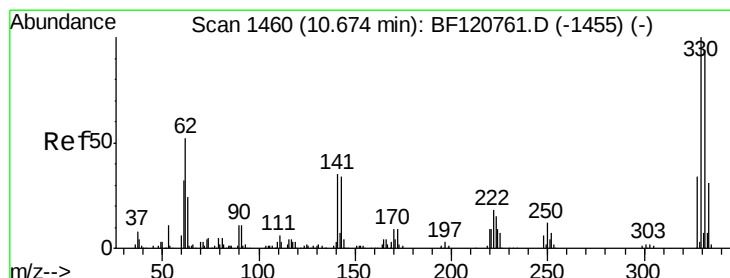
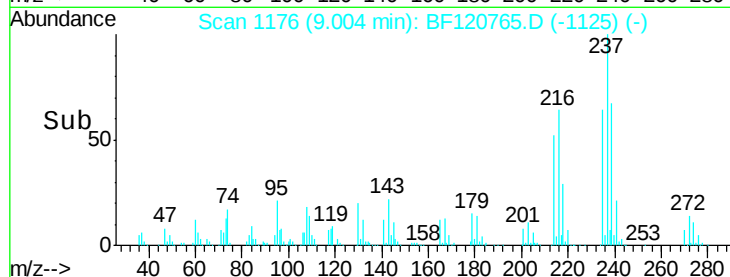
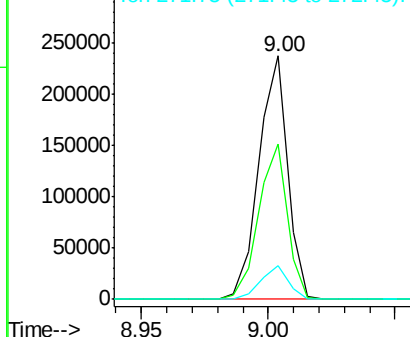
Tot Ion:	237	Resp:	189436
Ion Ratio	Lower	Upper	
237	100		
235	63.6	42.1	82.1
272	13.8	0.0	33.4

Manual Integrations
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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: 86.758 ng

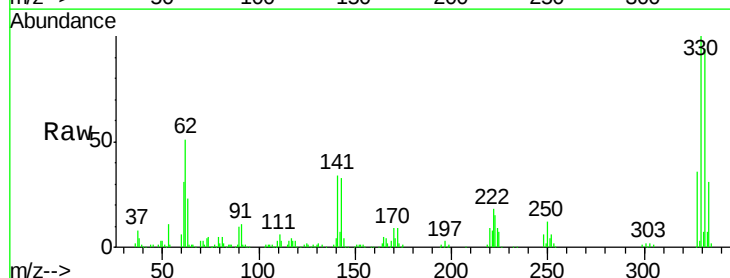
RT: 10.67 min Scan# 1460

Delta R.T. 0.00 min

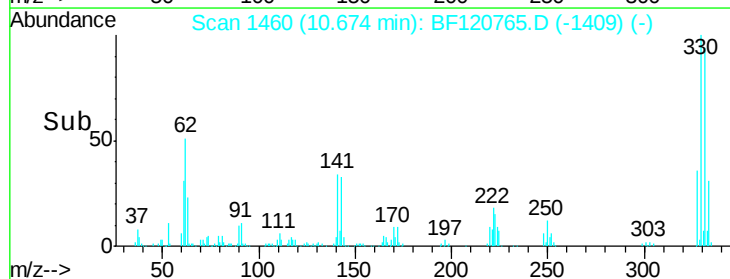
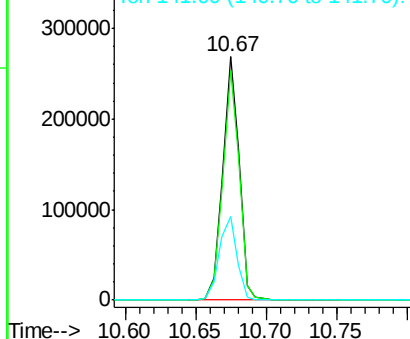
Lab File: BF120765.D

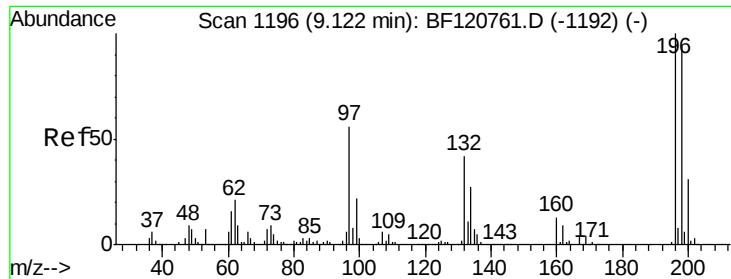
Acq: 2 Jul 2020 18:27

Tgt Ion:	330	Resp:	217349
Ion Ratio	Lower	Upper	
330	100		
332	94.3	75.8	113.6
141	37.3	29.7	44.5



Abundance Ion 329.80 (329.50 to 330.50): E
Ion 331.80 (331.50 to 332.50): E
Ion 141.00 (140.70 to 141.70): E





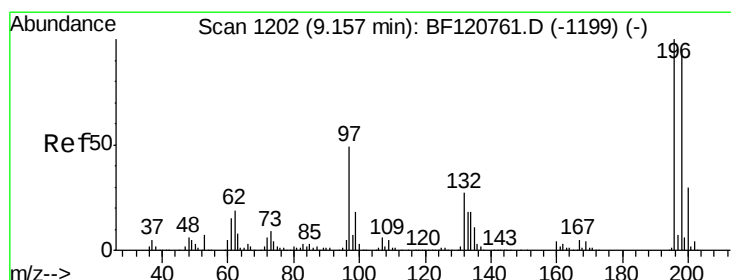
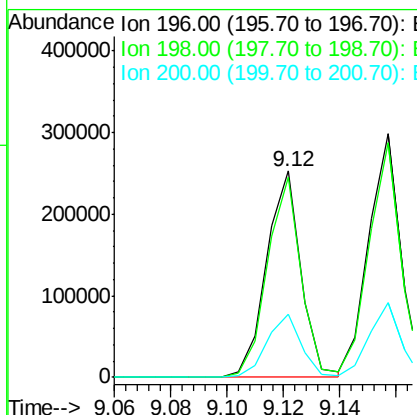
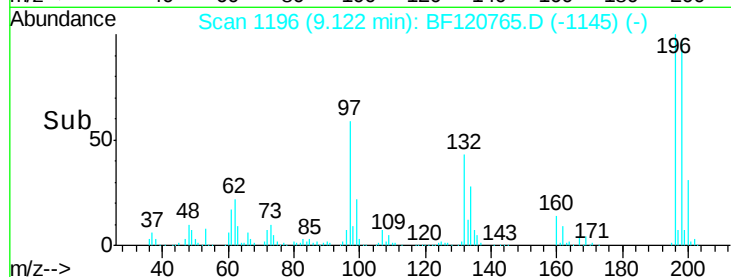
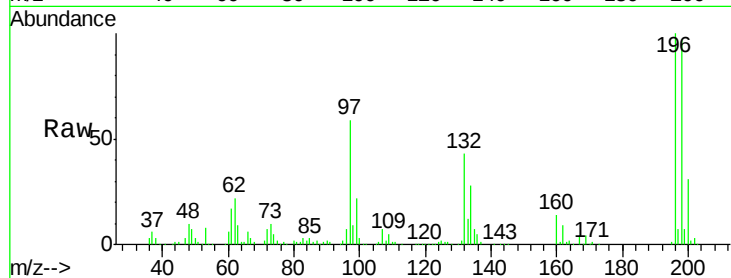
#43
 2,4,6-Trichlorophenol
 Concen: 41.660 ng
 RT: 9.12 min Scan# 1196
 Delta R.T. 0.00 min
 Lab File: BF120765.D
 Acq: 2 Jul 2020 18:27

Instrument :
 BNA_F
 ClientSampleId :
 ICVBF070220

Tot Ion:	196	Resp:	213943
Ion Ratio	Lower	Upper	
196	100		
198	96.8	75.3	112.9
200	30.8	24.4	36.6

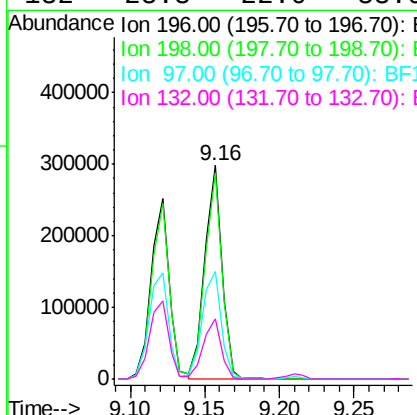
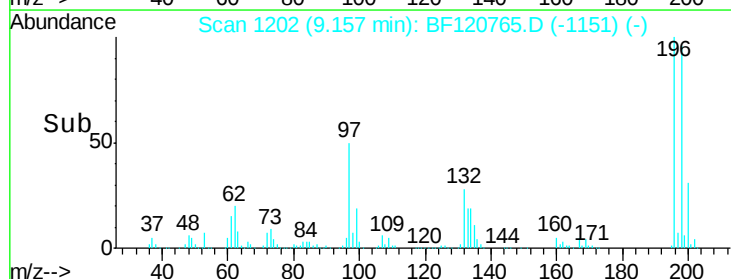
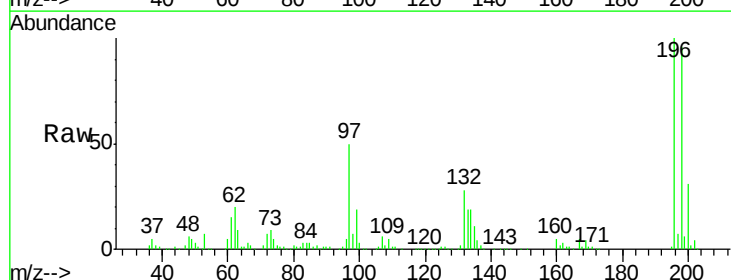
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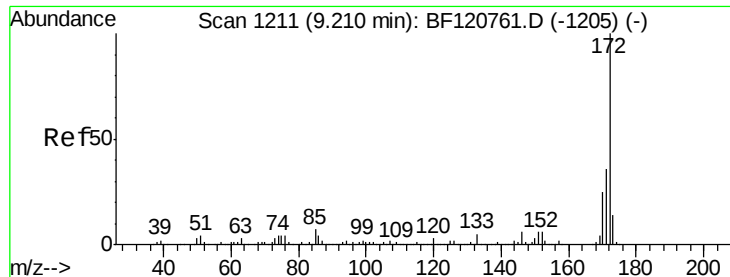
mohammad
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#44
 2,4,5-Trichlorophenol
 Concen: 41.435 ng
 RT: 9.16 min Scan# 1202
 Delta R.T. 0.00 min
 Lab File: BF120765.D
 Acq: 2 Jul 2020 18:27

Tgt Ion:	196	Resp:	236145
Ion Ratio	Lower	Upper	
196	100		
198	96.4	76.2	114.2
97	50.1	39.6	59.4
132	28.3	22.0	33.0





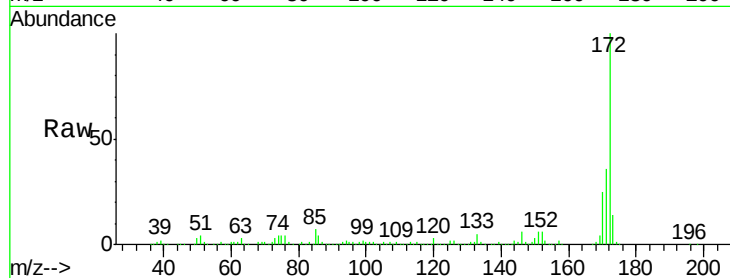
#45
2-Fluorobiphenyl
Concen: 81.992 ng
RT: 9.21 min Scan# 1211
Delta R.T. 0.00 min
Lab File: BF120765.D
Acq: 2 Jul 2020 18:27

Instrument :
BNA_F
ClientSampleId :
ICVBF070220

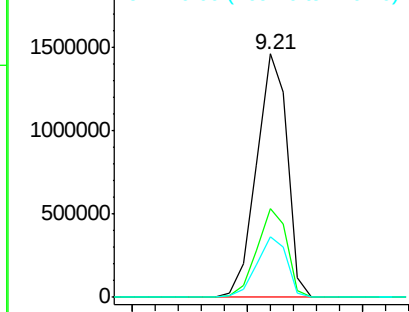
Tot Ion	Ratio	Lower	Upper
172	100		
171	36.2	29.1	43.7
170	24.8	19.8	29.6

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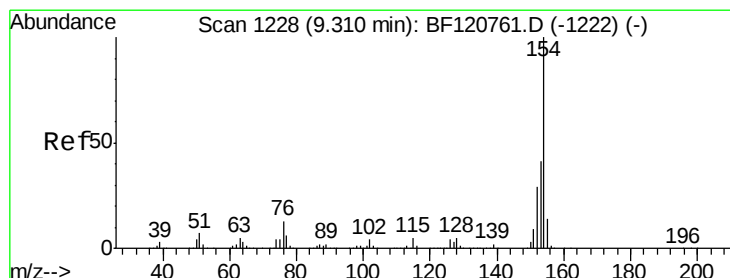
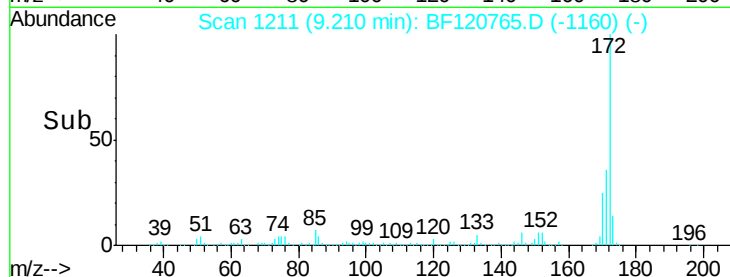
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Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E



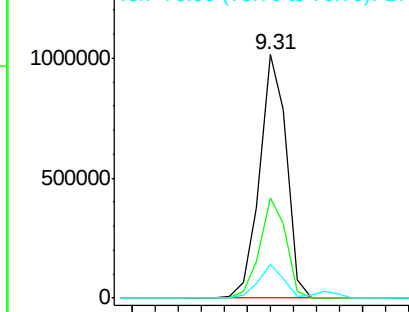
Time--> 9.15 9.20 9.25



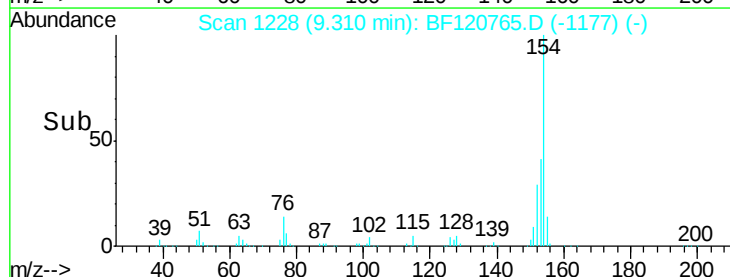
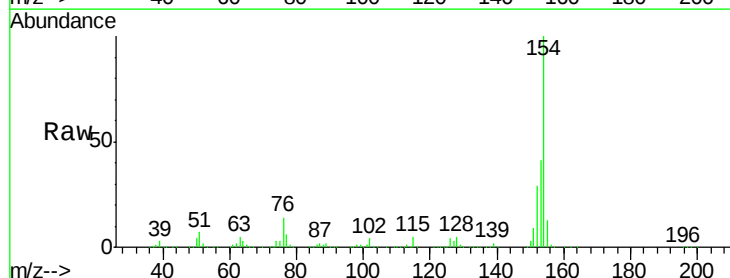
#46
1,1'-Biphenyl
Concen: 40.723 ng
RT: 9.31 min Scan# 1228
Delta R.T. 0.00 min
Lab File: BF120765.D
Acq: 2 Jul 2020 18:27

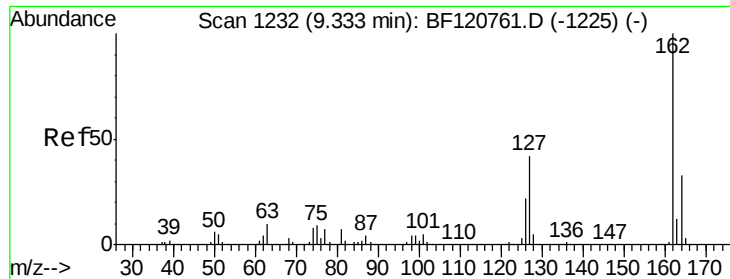
Tgt Ion	Ratio	Lower	Upper
154	100		
153	41.1	20.7	60.7
76	13.7	0.0	33.3

Abundance Ion 154.00 (153.70 to 154.70): E
Ion 153.00 (152.70 to 153.70): E
Ion 76.00 (75.70 to 76.70): BF1



Time--> 9.25 9.30 9.35





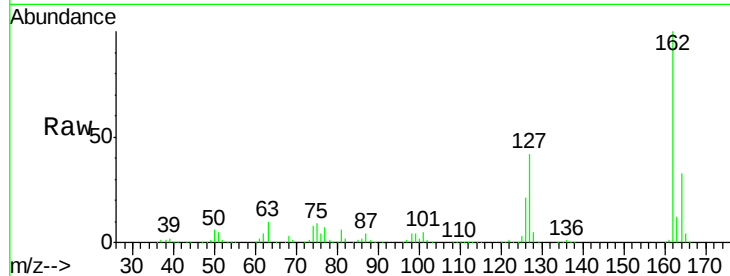
#47
2-Chloronaphthalene
Concen: 40.765 ng
RT: 9.33 min Scan# 1232
Delta R.T. 0.00 min
Lab File: BF120765.D
Acq: 2 Jul 2020 18:27

Instrument :
BNA_F
ClientSampleId :
ICVBF070220

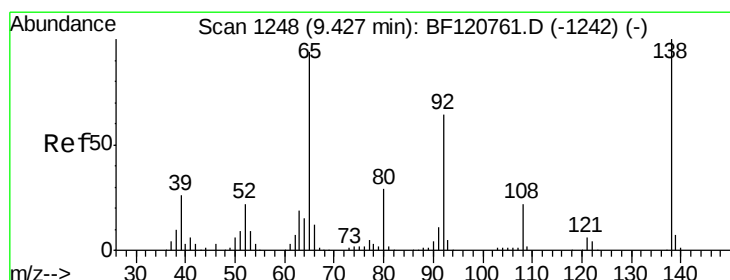
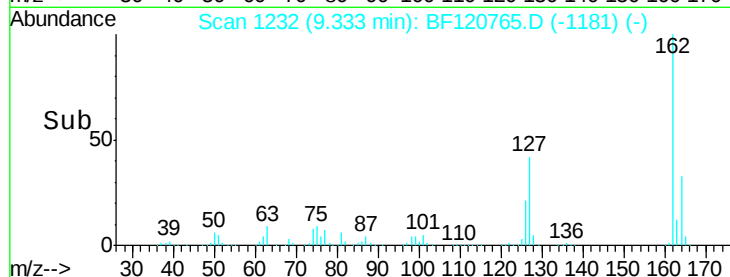
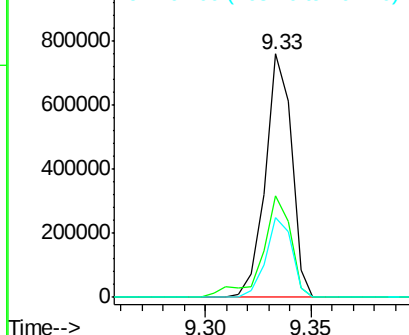
Tot Ion	Ratio	Lower	Upper
162	100		
127	41.8	33.7	50.5
164	33.0	26.4	39.6

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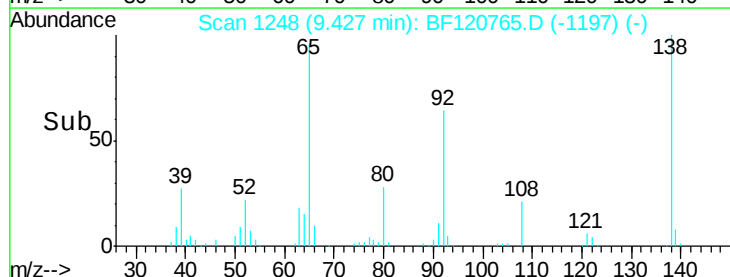
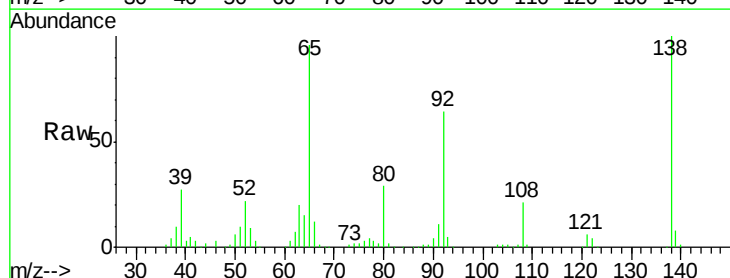
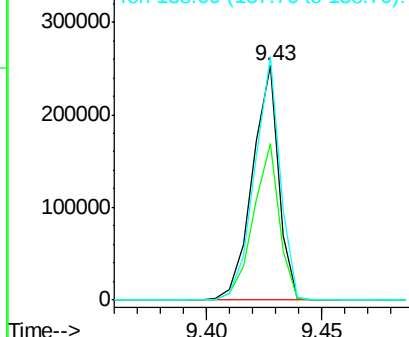
Abundance Ion 162.00 (161.70 to 162.70): E
Ion 127.00 (126.70 to 127.70): E
Ion 164.00 (163.70 to 164.70): E

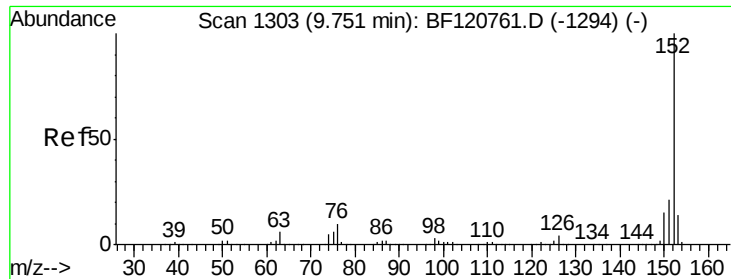


#48
2-Nitroaniline
Concen: 42.027 ng
RT: 9.43 min Scan# 1248
Delta R.T. 0.00 min
Lab File: BF120765.D
Acq: 2 Jul 2020 18:27

Tgt Ion	Ratio	Lower	Upper
65	100		
92	66.6	54.4	81.6
138	103.9	84.7	127.1

Abundance Ion 65.00 (64.70 to 65.70): BF1
Ion 92.00 (91.70 to 92.70): BF1
Ion 138.00 (137.70 to 138.70): E





#49

Acenaphthylene

Concen: 39.743 ng

RT: 9.75 min Scan# 1303

Delta R.T. 0.00 min

Lab File: BF120765.D

Acq: 2 Jul 2020 18:27

Instrument :

BNA_F

ClientSampleId :

ICVBF070220

Tot Ion:152 Resp: 1004068

Ion Ratio Lower Upper

152 100

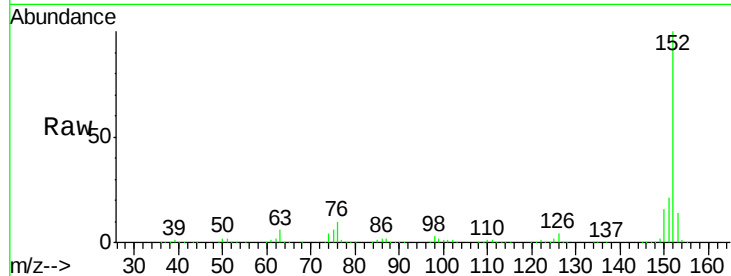
151 21.2 16.9 25.3

153 13.7 10.8 16.2

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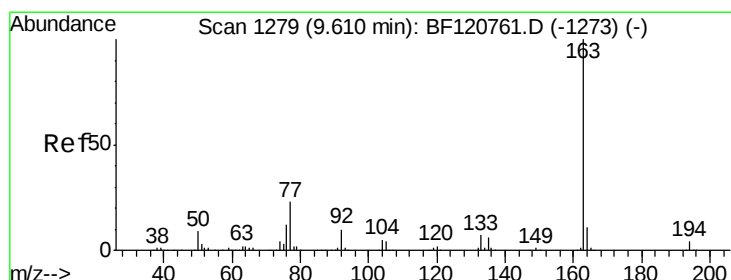
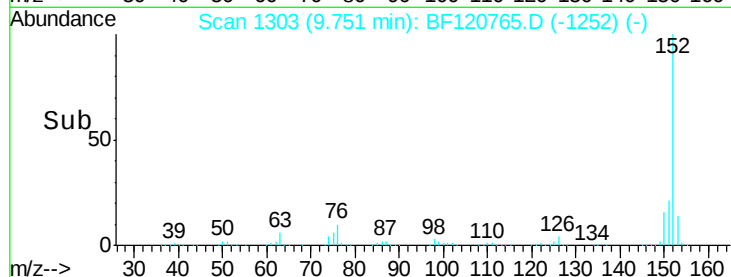
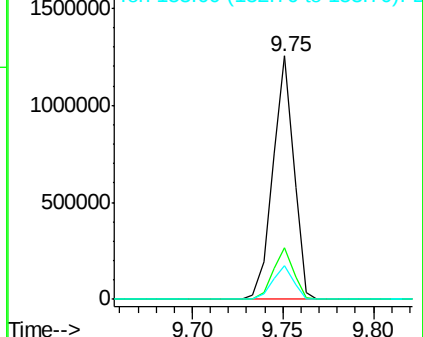
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Abundance Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E

Ion 153.00 (152.70 to 153.70): E



#50

Dimethylphthalate

Concen: 40.124 ng

RT: 9.61 min Scan# 1279

Delta R.T. 0.00 min

Lab File: BF120765.D

Acq: 2 Jul 2020 18:27

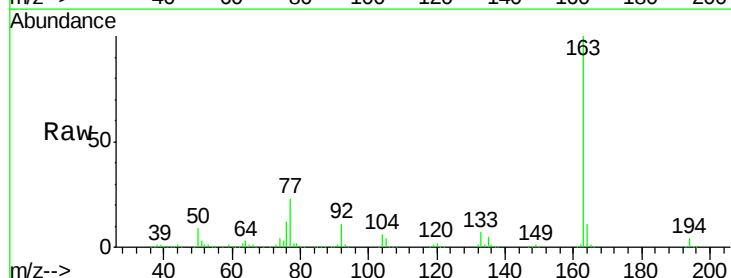
Tgt Ion:163 Resp: 729883

Ion Ratio Lower Upper

163 100

194 3.7 2.9 4.3

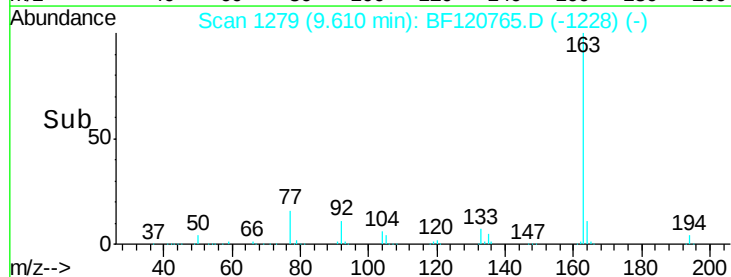
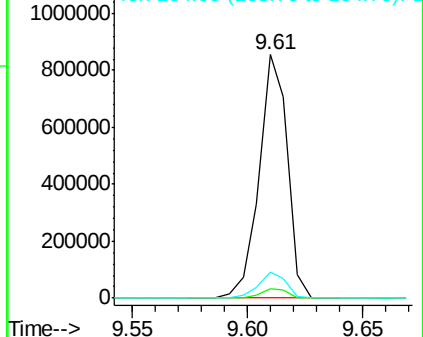
164 10.7 8.5 12.7

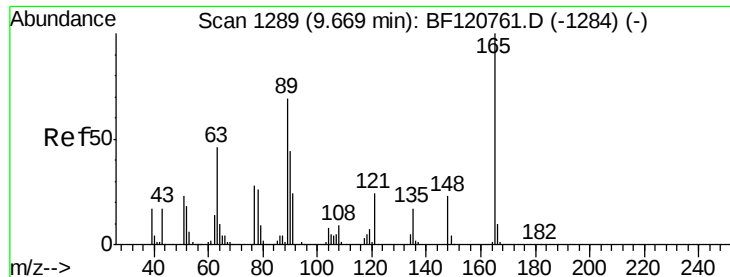


Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E





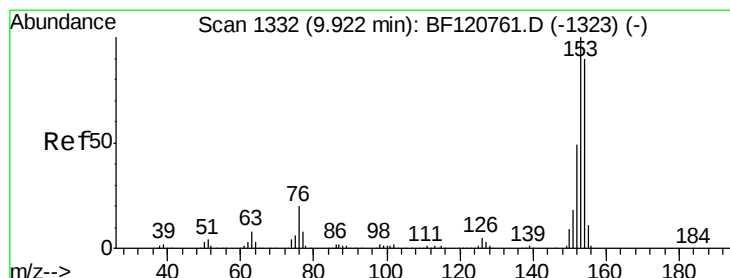
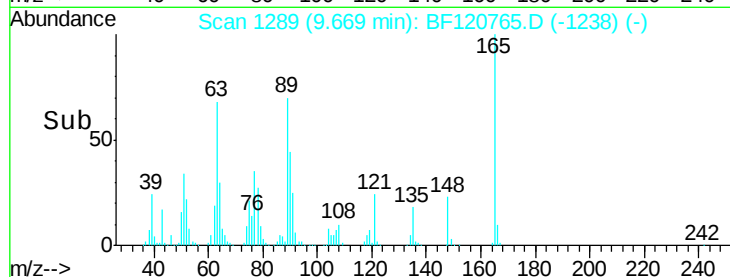
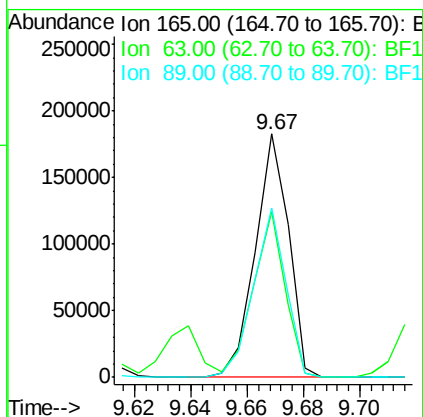
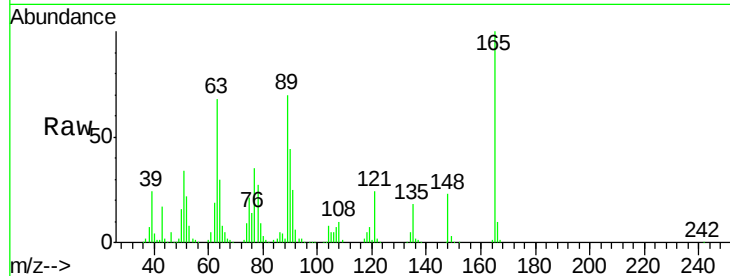
#51
2,6-Dinitrotoluene
Concen: 41.612 ng
RT: 9.67 min Scan# 1289
Delta R.T. 0.00 min
Lab File: BF120765.D
Acq: 2 Jul 2020 18:27

Instrument :
BNA_F
ClientSampleId :
ICVBF070220

Tot Ion	Ratio	Resp	Lower	Upper
165	100	149288		
63	68.2	54.0	81.0	
89	69.8	55.4	83.2	

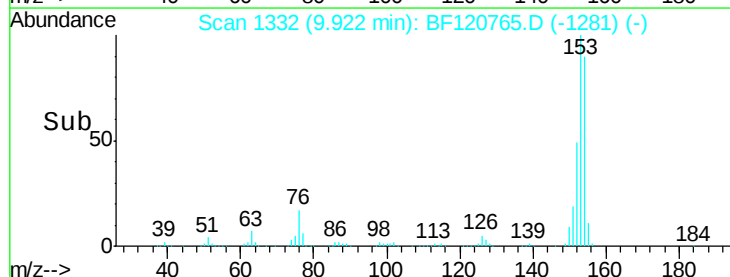
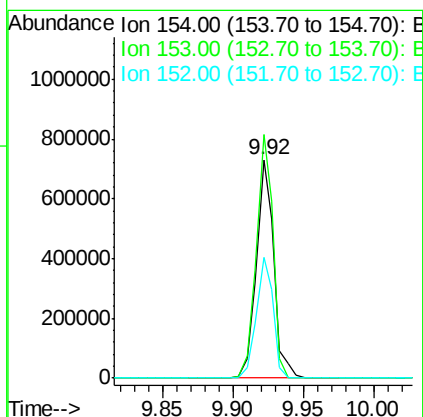
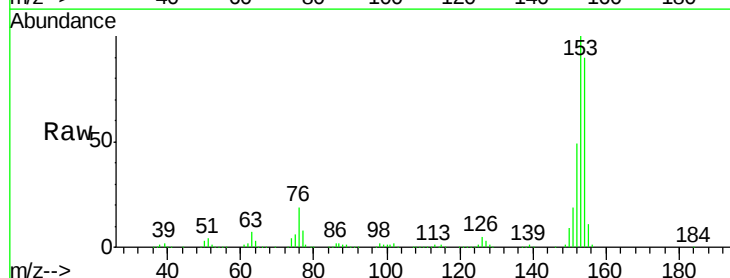
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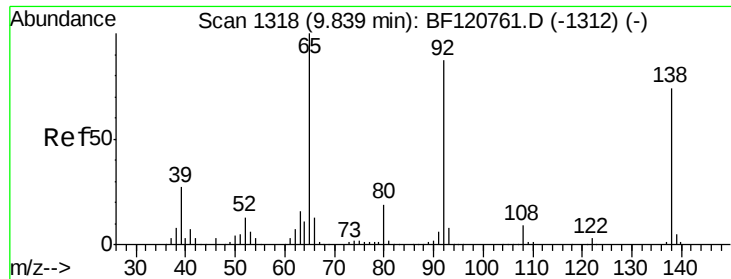
mohammad
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#52
Acenaphthene
Concen: 40.720 ng
RT: 9.92 min Scan# 1332
Delta R.T. 0.00 min
Lab File: BF120765.D
Acq: 2 Jul 2020 18:27

Tgt Ion	Ratio	Resp	Lower	Upper
154	100	638206		
153	111.5	88.6	132.8	
152	55.2	43.6	65.4	





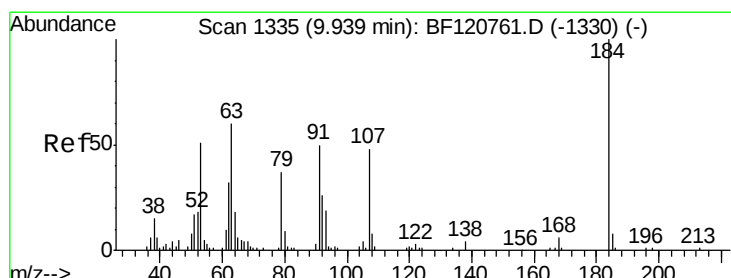
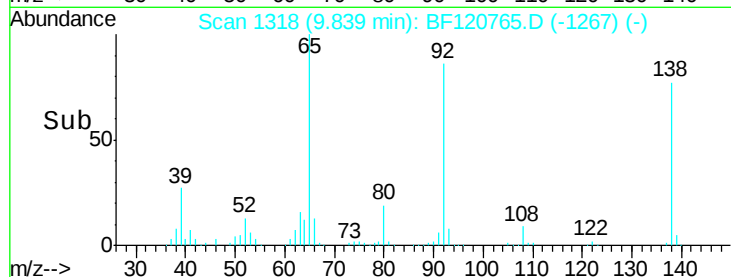
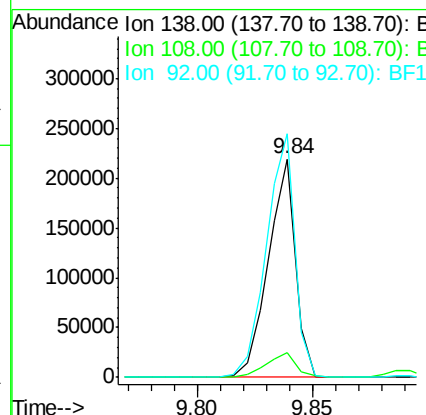
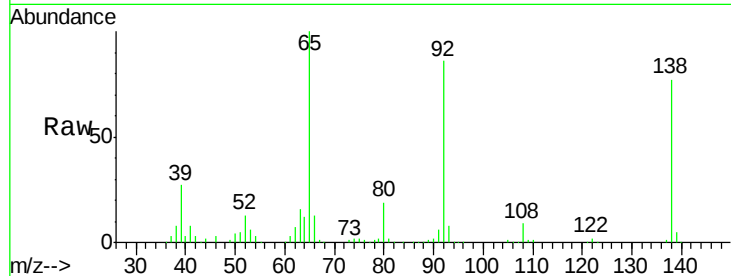
#53
3-Nitroaniline
Concen: 41.032 ng
RT: 9.84 min Scan# 1318
Delta R.T. 0.00 min
Lab File: BF120765.D
Acq: 2 Jul 2020 18:27

Instrument :
BNA_F
ClientSampleId :
ICVBF070220

Tot Ion	Ratio	Lower	Upper
138	100		
108	11.5	9.8	14.6
92	111.6	93.4	140.2

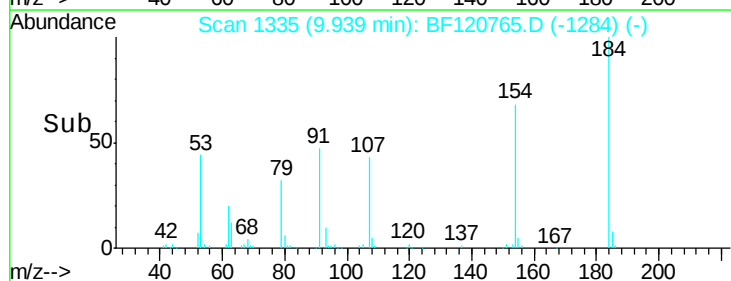
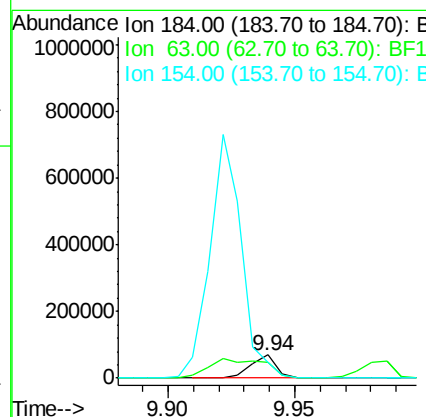
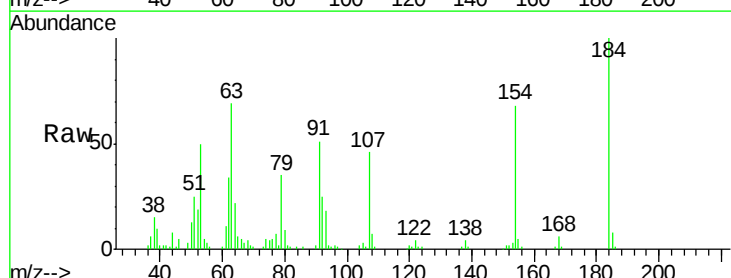
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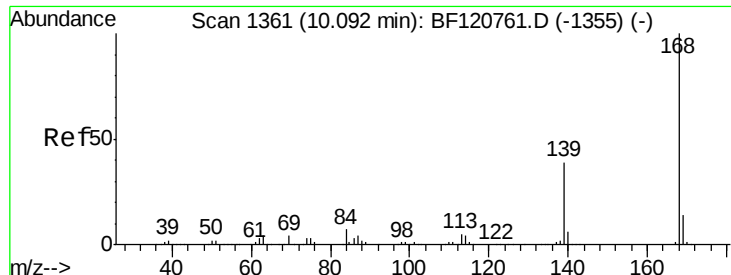
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#54
2,4-Dinitrophenol
Concen: 40.562 ng
RT: 9.94 min Scan# 1335
Delta R.T. 0.00 min
Lab File: BF120765.D
Acq: 2 Jul 2020 18:27

Tgt Ion	Ratio	Lower	Upper
184	100		
63	69.0	57.3	85.9
154	67.8	55.8	83.6





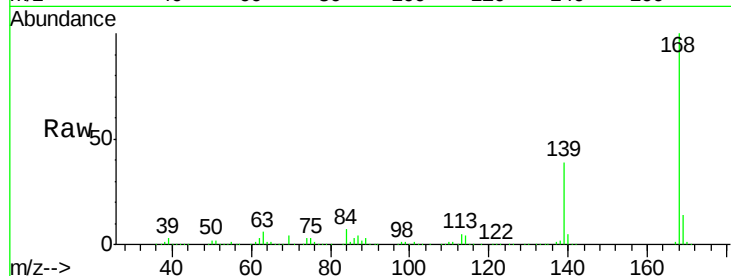
#55
Dibenzofuran
Concen: 40.660 ng
RT: 10.09 min Scan# 1361
Delta R.T. 0.00 min
Lab File: BF120765.D
Acq: 2 Jul 2020 18:27

Instrument :
BNA_F
ClientSampleId :
ICVBF070220

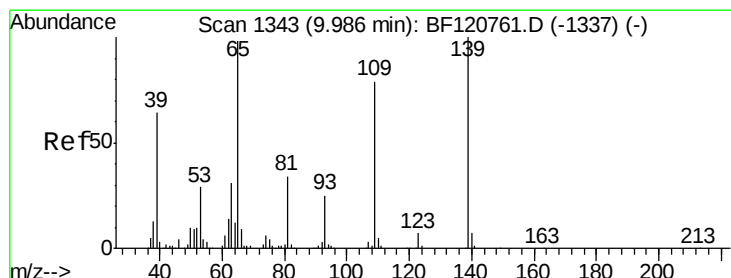
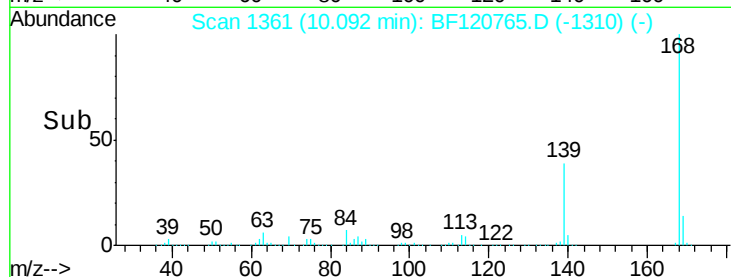
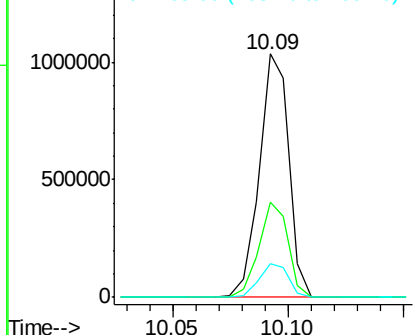
Tot Ion	Ratio	Resp	Lower	Upper
168	100			
139	39.1	31.3	46.9	
169	14.1	11.2	16.8	

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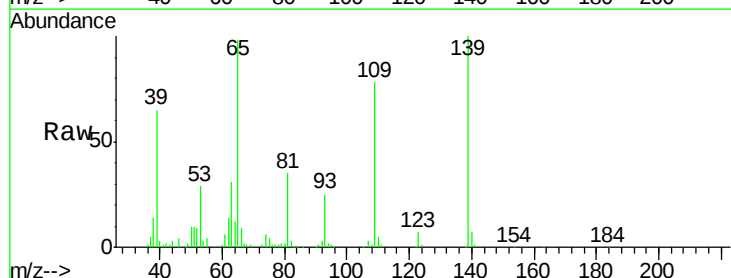


Abundance Ion 168.00 (167.70 to 168.70): E
Ion 139.00 (138.70 to 139.70): E
Ion 169.00 (168.70 to 169.70): E

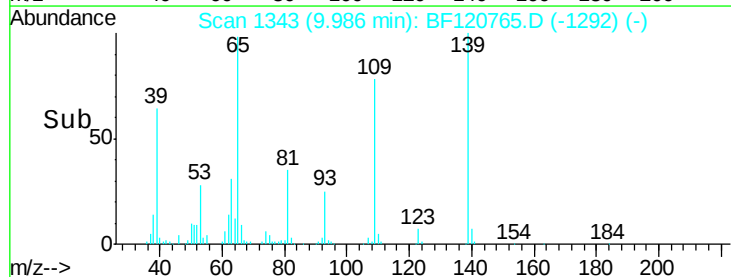
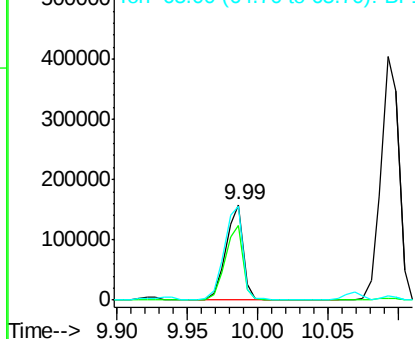


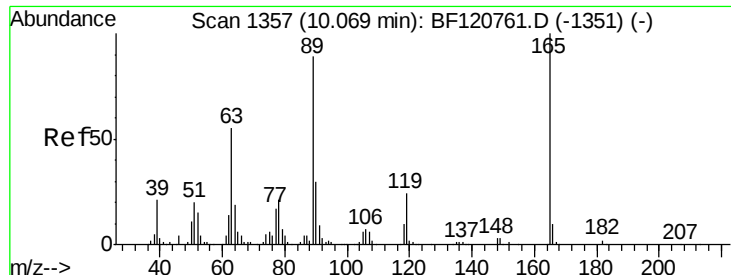
#56
4-Nitrophenol
Concen: 41.444 ng
RT: 9.99 min Scan# 1343
Delta R.T. 0.00 min
Lab File: BF120765.D
Acq: 2 Jul 2020 18:27

Tgt Ion	Ratio	Resp	Lower	Upper
139	100			
109	78.1	58.6	98.6	
65	97.8	78.7	118.7	



Abundance Ion 139.00 (138.70 to 139.70): E
Ion 109.00 (108.70 to 109.70): E
Ion 65.00 (64.70 to 65.70): BF1





#57

2,4-Dinitrotoluene

Concen: 41.437 ng

RT: 10.07 min Scan# 1357

Delta R.T. 0.00 min

Lab File: BF120765.D

Acq: 2 Jul 2020 18:27

Instrument :

BNA_F

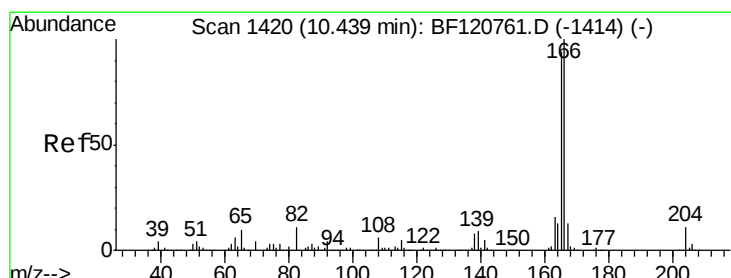
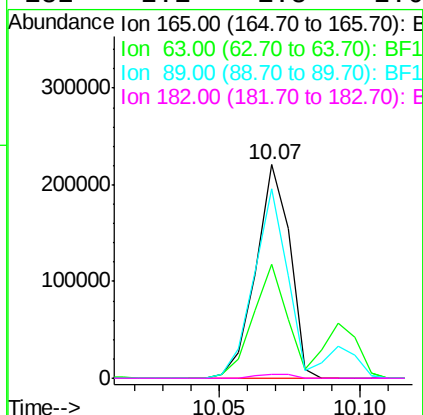
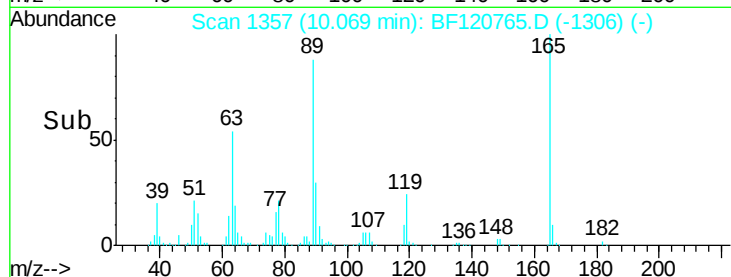
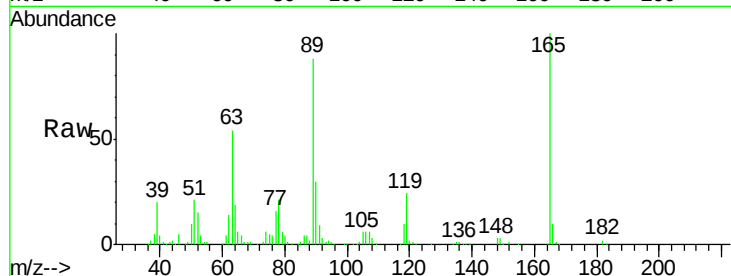
ClientSampleId :

ICVBF070220

Tot Ion:	165	Resp:	184580
Ion Ratio	Lower	Upper	
165	100		
63	53.5	43.8	65.8
89	88.5	71.4	107.2
182	2.1	1.8	2.6

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#58

Fluorene

Concen: 40.589 ng

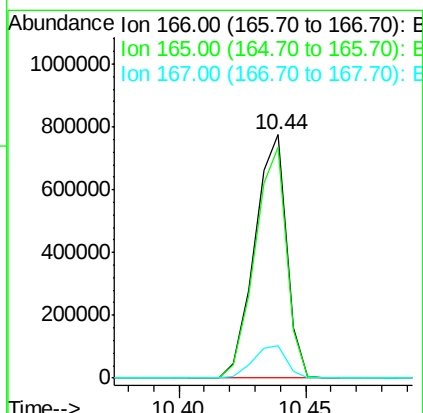
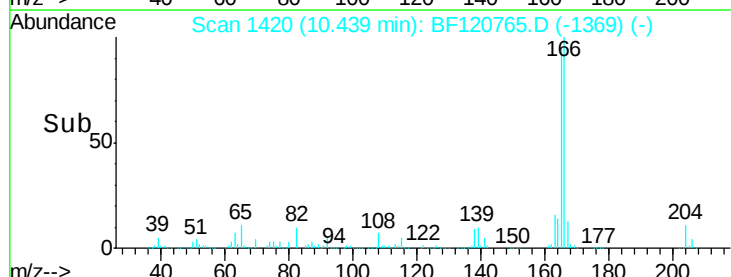
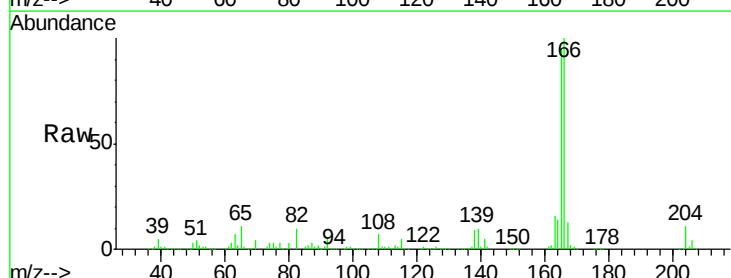
RT: 10.44 min Scan# 1420

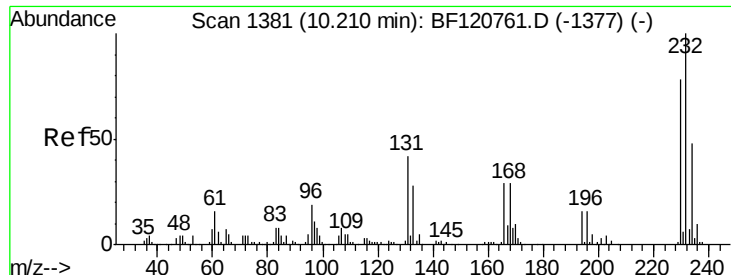
Delta R.T. 0.00 min

Lab File: BF120765.D

Acq: 2 Jul 2020 18:27

Tgt Ion:	166	Resp:	682554
Ion Ratio	Lower	Upper	
166	100		
165	94.8	75.5	113.3
167	13.3	10.6	16.0





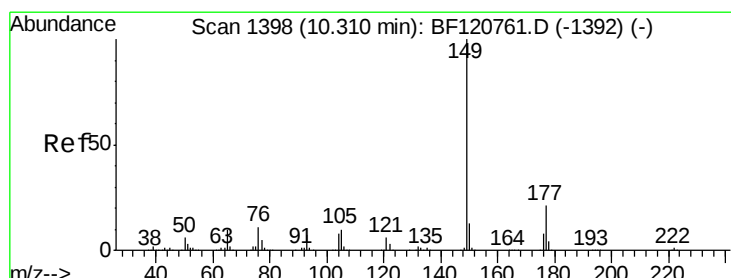
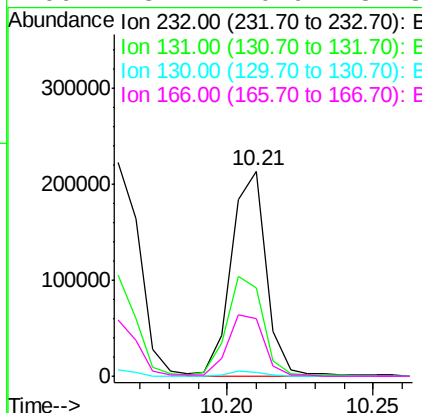
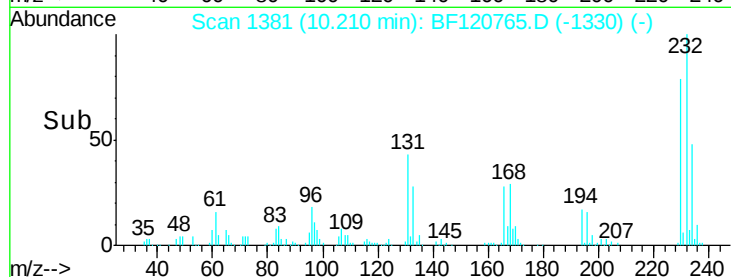
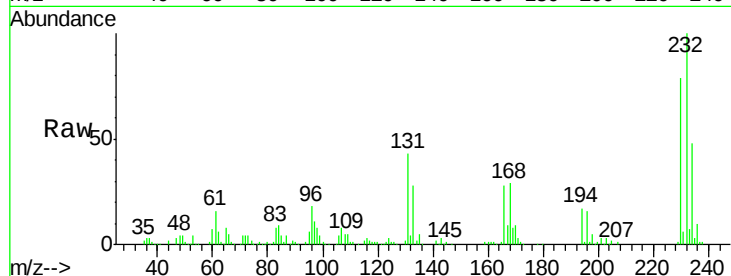
#59
 2,3,4,6-Tetrachlorophenol
 Concen: 42.019 ng
 RT: 10.21 min Scan# 1381
 Delta R.T. 0.00 min
 Lab File: BF120765.D
 Acq: 2 Jul 2020 18:27

Instrument :
 BNA_F
 ClientSampleId :
 ICVBF070220

Tot Ion	Ratio	Lower	Upper
232	100		
131	45.9	36.3	54.5
130	2.8	2.0	3.0
166	25.7	20.9	31.3

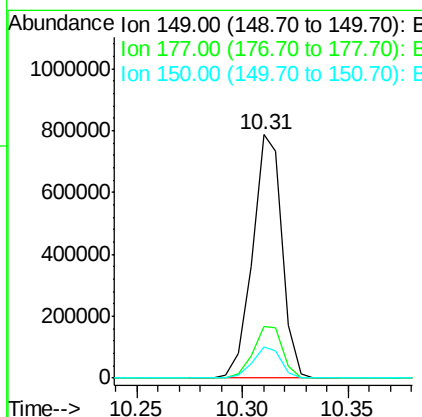
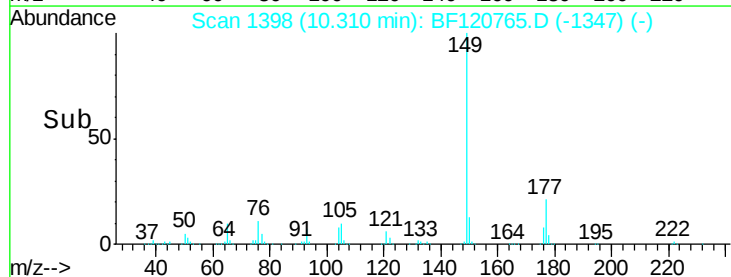
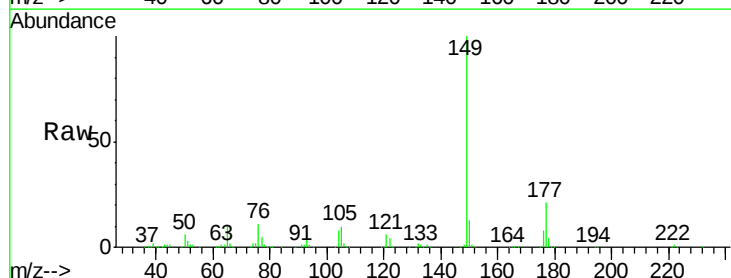
Manual Integrations
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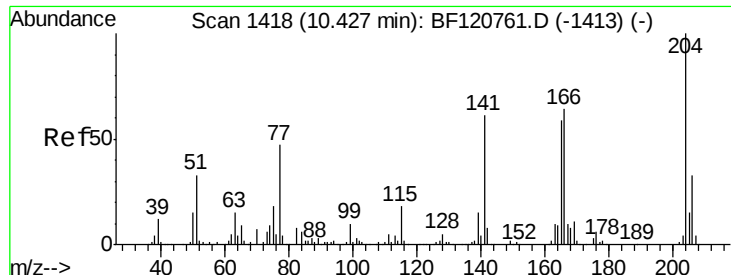
mohammad
 7/7/2020 8:25:34 AM



#60
 Diethylphthalate
 Concen: 40.249 ng
 RT: 10.31 min Scan# 1398
 Delta R.T. 0.00 min
 Lab File: BF120765.D
 Acq: 2 Jul 2020 18:27

Tgt Ion	Ratio	Lower	Upper
149	100		
177	21.0	16.4	24.6
150	12.5	10.2	15.4





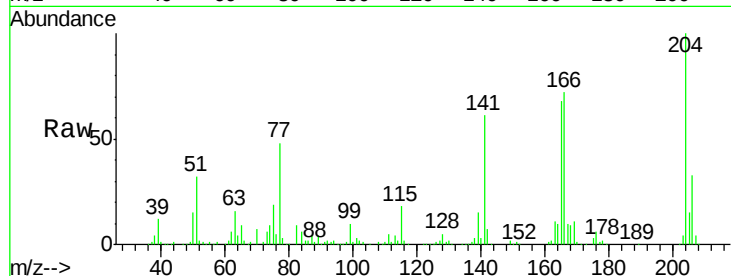
#61
4-Chlorophenyl-phenylether
Concen: 40.780 ng
RT: 10.43 min Scan# 1418
Delta R.T. 0.00 min
Lab File: BF120765.D
Acq: 2 Jul 2020 18:27

Instrument :
BNA_F
ClientSampled :
ICVBF070220

Tot Ion	Ratio	Lower	Upper
204	100		
206	33.1	26.7	40.1
141	60.7	48.5	72.7

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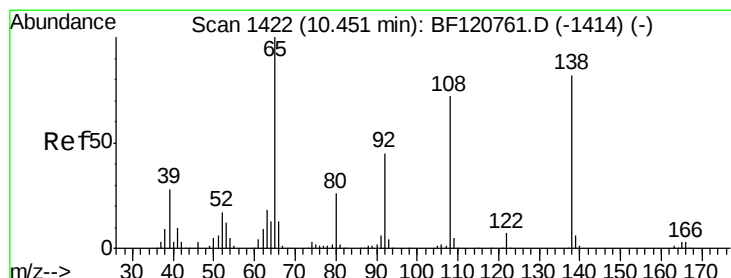
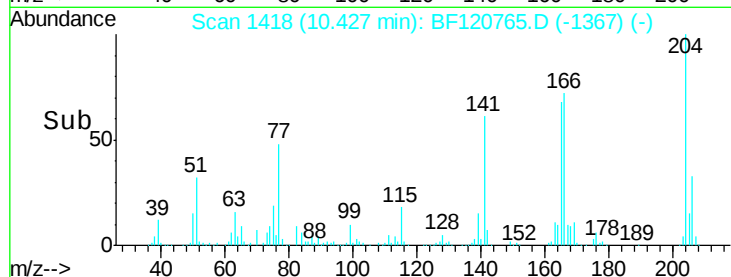
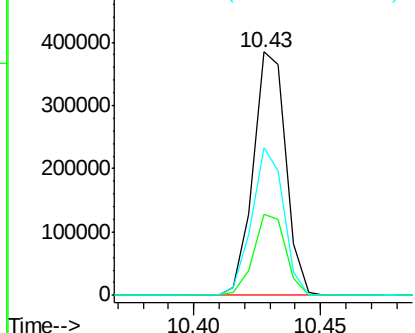


Abundance

Ion 204.00 (203.70 to 204.70): E

Ion 206.00 (205.70 to 206.70): E

Ion 141.00 (140.70 to 141.70): E



#62
4-Nitroaniline
Concen: 44.373 ng
RT: 10.45 min Scan# 1422
Delta R.T. 0.00 min
Lab File: BF120765.D
Acq: 2 Jul 2020 18:27

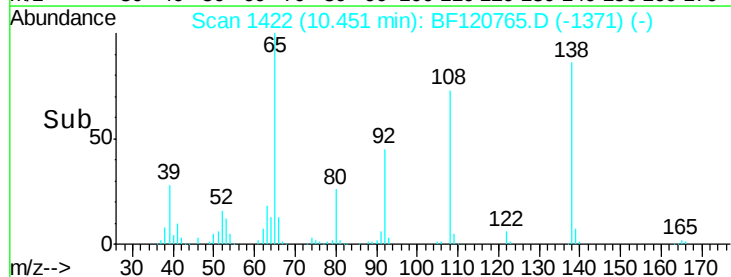
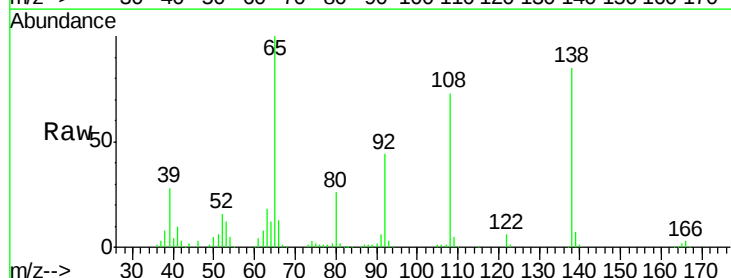
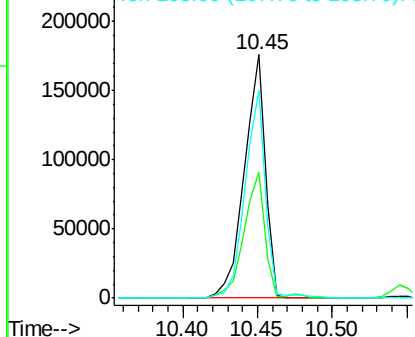
Tgt Ion	Ratio	Lower	Upper
138	100		
92	51.9	34.3	74.3
108	85.5	68.3	108.3

Abundance

Ion 138.00 (137.70 to 138.70): E

Ion 92.00 (91.70 to 92.70): BF1

Ion 108.00 (107.70 to 108.70): E





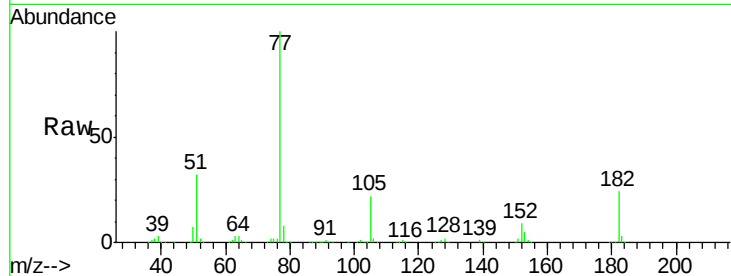
#63
Azobenzene
Concen: 39.630 ng
RT: 10.59 min Scan# 1446
Delta R.T. 0.00 min
Lab File: BF120765.D
Acq: 2 Jul 2020 18:27

Instrument :
BNA_F
ClientSampleId :
ICVBF070220

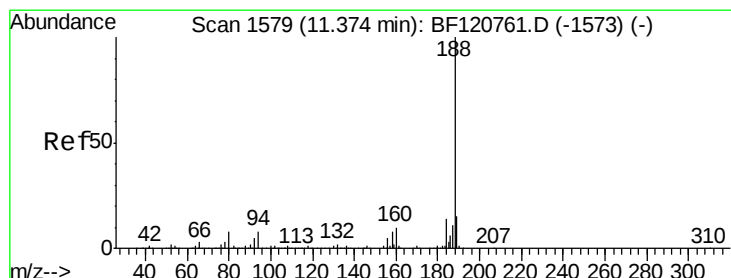
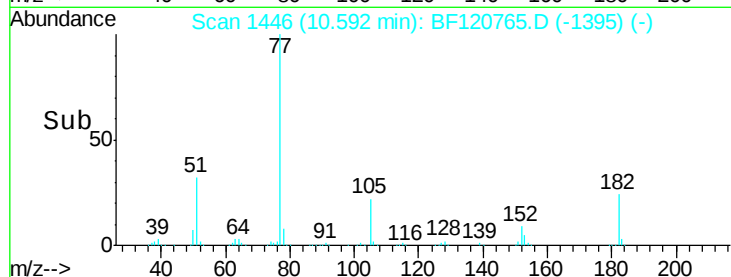
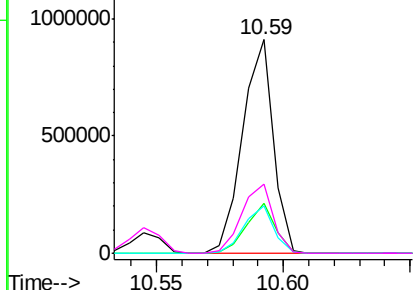
Tot Ion	Ion	Ratio	Lower	Upper
77	100			
182	23.5	4.0	44.0	
105	22.1	2.6	42.6	
51	32.4	11.5	51.5	

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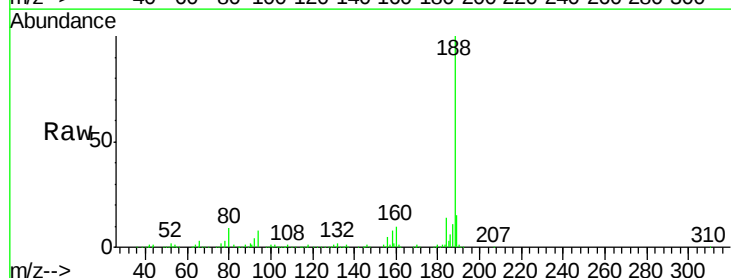


Abundance Ion 77.00 (76.70 to 77.70): BF1
Ion 182.00 (181.70 to 182.70): E
Ion 105.00 (104.70 to 105.70): E
Ion 51.00 (50.70 to 51.70): BF1

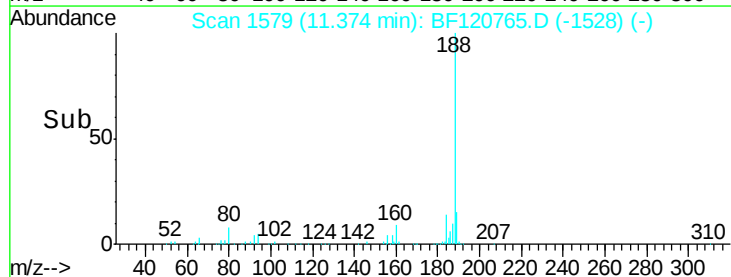
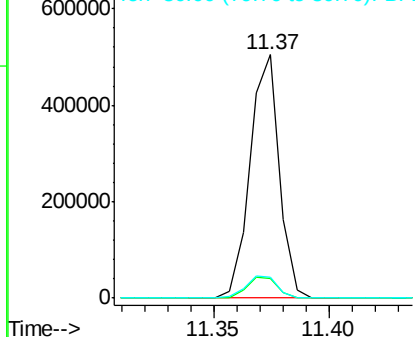


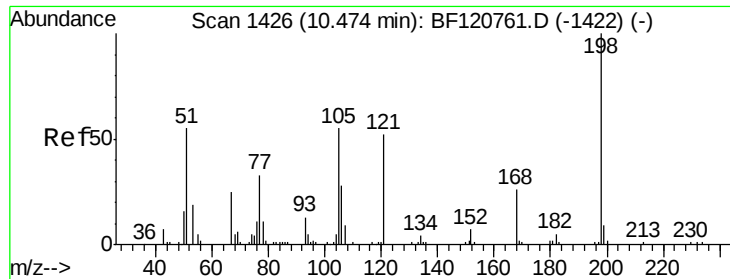
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.37 min Scan# 1579
Delta R.T. 0.00 min
Lab File: BF120765.D
Acq: 2 Jul 2020 18:27

Tgt Ion	Ion	Ratio	Lower	Upper
188	100			
94	8.3	6.6	9.8	
80	8.5	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





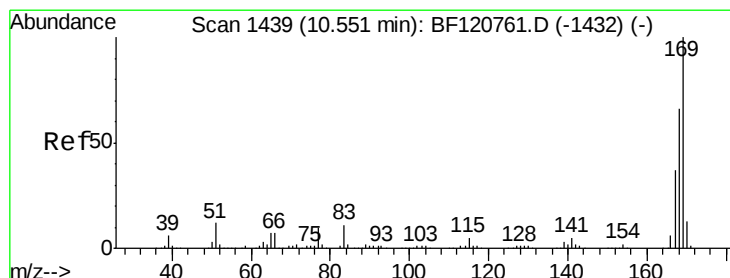
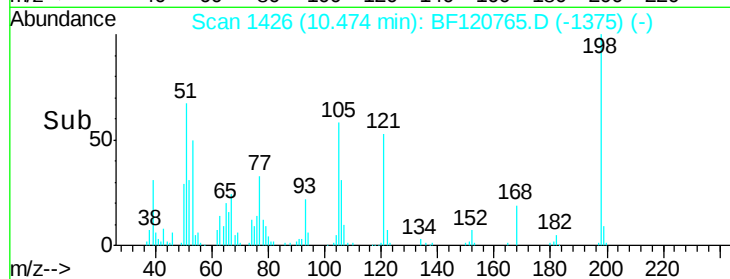
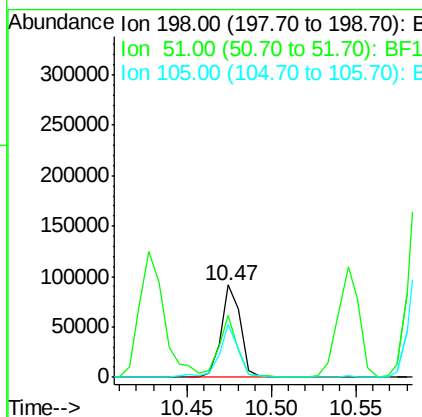
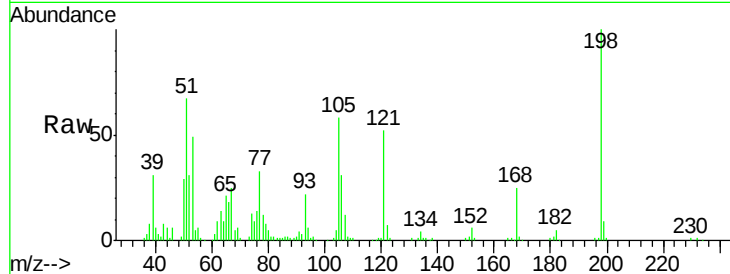
#65
4,6-Dinitro-2-methylphenol
Concen: 40.528 ng
RT: 10.47 min Scan# 1426
Delta R.T. 0.00 min
Lab File: BF120765.D
Acq: 2 Jul 2020 18:27

Instrument :
BNA_F
ClientSampleId :
ICVBF070220

Tot Ion	Ratio	Lower	Upper
198	100		
51	67.0	50.0	90.0
105	57.7	38.3	78.3

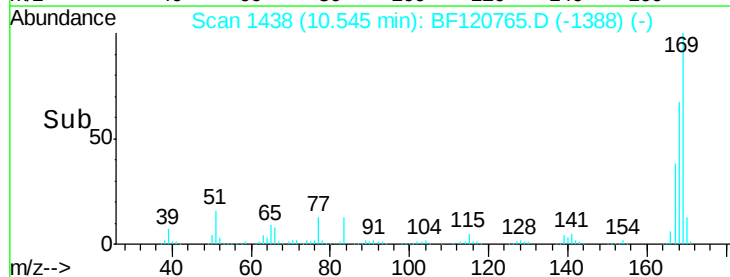
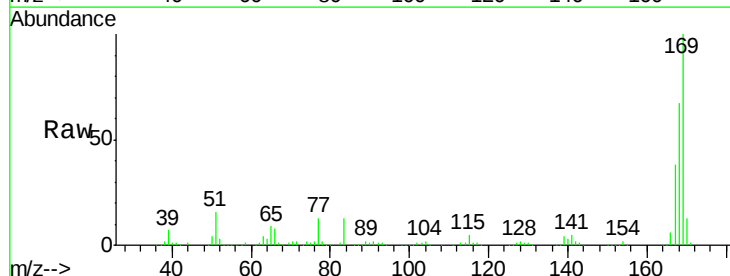
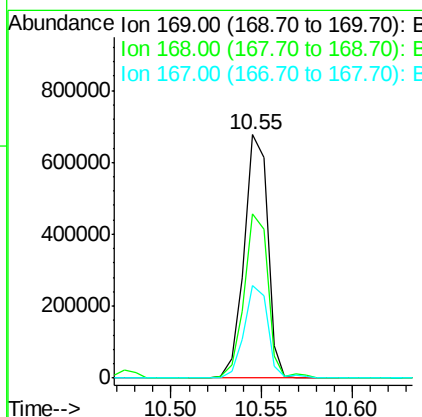
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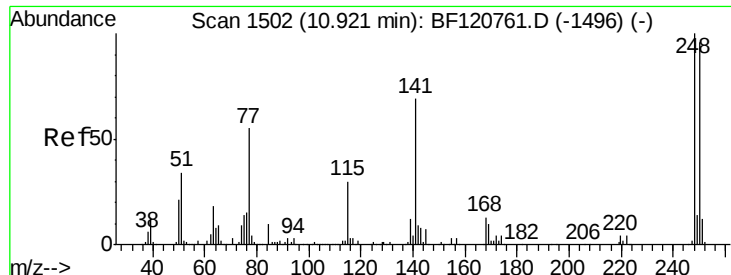
mohammad
7/7/2020 8:25:34 AM



#66
n-Nitrosodiphenylamine
Concen: 40.822 ng
RT: 10.55 min Scan# 1438
Delta R.T. -0.01 min
Lab File: BF120765.D
Acq: 2 Jul 2020 18:27

Tgt Ion	Ratio	Lower	Upper
169	100		
168	67.4	53.1	79.7
167	37.8	29.6	44.4





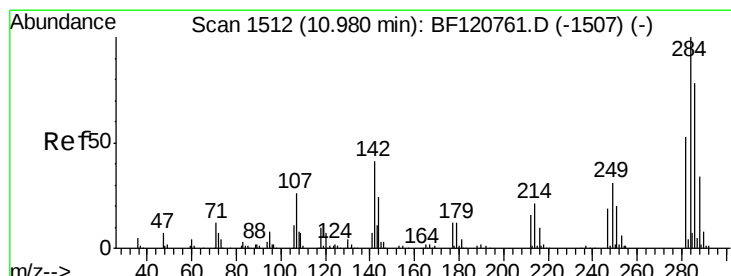
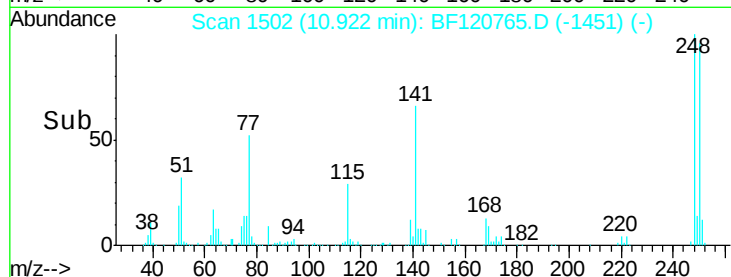
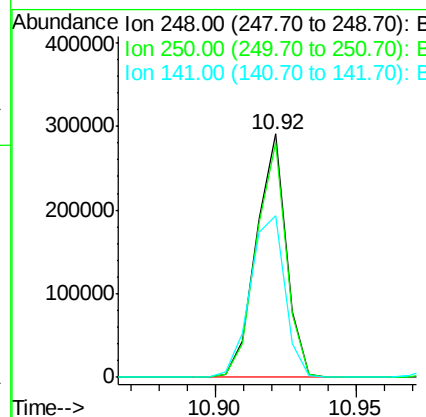
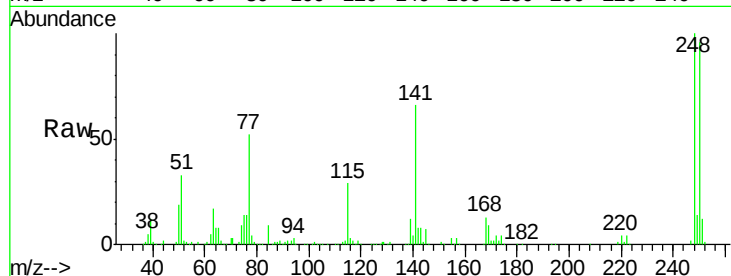
#67
 4-Bromophenyl-phenylether
 Concen: 41.618 ng
 RT: 10.92 min Scan# 1502
 Delta R.T. 0.00 min
 Lab File: BF120765.D
 Acq: 2 Jul 2020 18:27

Instrument :
 BNA_F
 ClientSampleId :
 ICVBF070220

Tot Ion	Ratio	Lower	Upper
248	100		
250	96.3	76.5	114.7
141	66.5	54.9	82.3

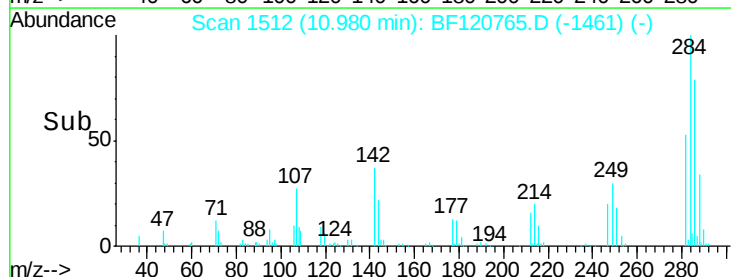
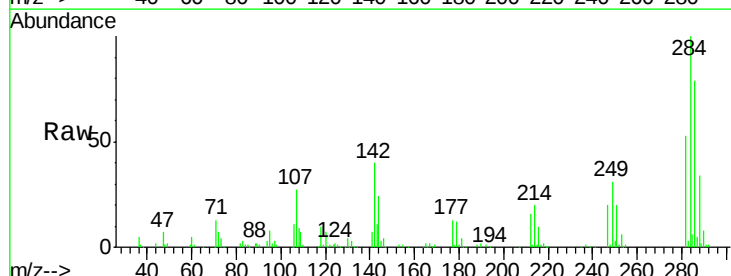
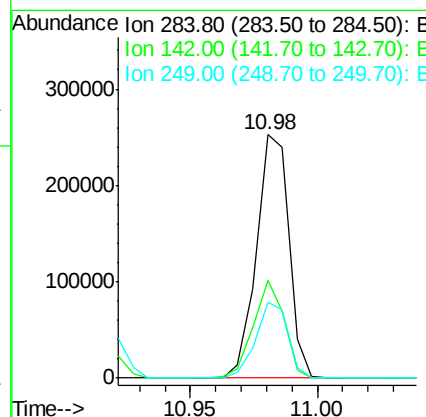
Manual Integrations
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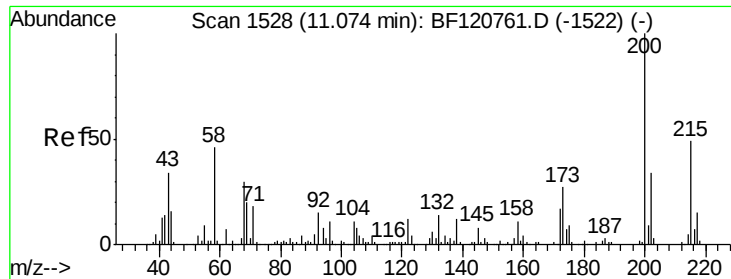
mohammad
 7/7/2020 8:25:34 AM



#68
 Hexachlorobenzene
 Concen: 41.653 ng
 RT: 10.98 min Scan# 1512
 Delta R.T. 0.00 min
 Lab File: BF120765.D
 Acq: 2 Jul 2020 18:27

Tgt Ion	Ratio	Lower	Upper
284	100		
142	40.0	32.5	48.7
249	31.0	24.8	37.2





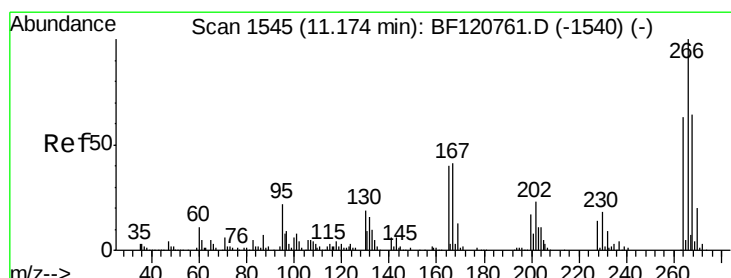
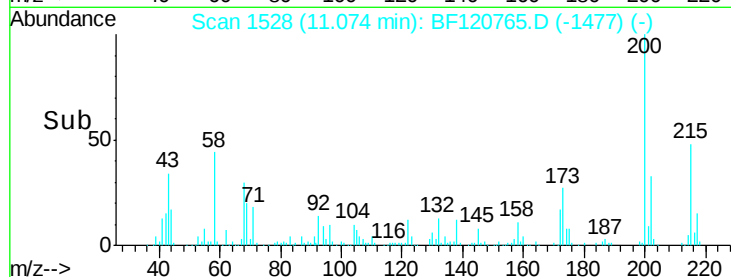
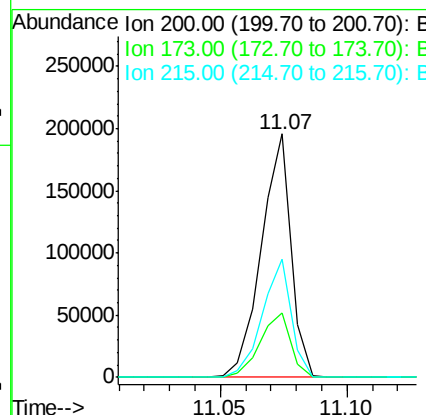
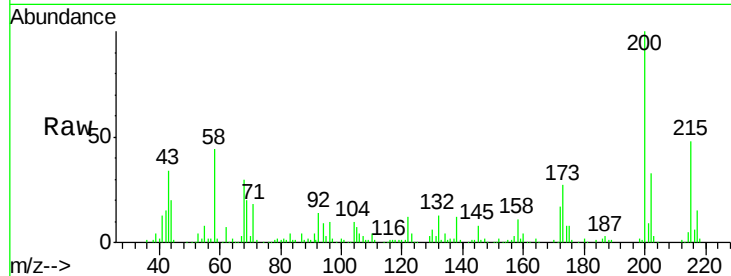
#69
Atrazine
Concen: 41.380 ng
RT: 11.07 min Scan# 1528
Delta R.T. 0.00 min
Lab File: BF120765.D
Acq: 2 Jul 2020 18:27

Instrument :
BNA_F
ClientSampleId :
ICVBF070220

Tot Ion	Ratio	Resp	Lower	Upper
200	100	159298		
173	26.7	7.4	47.4	
215	48.4	28.8	68.8	

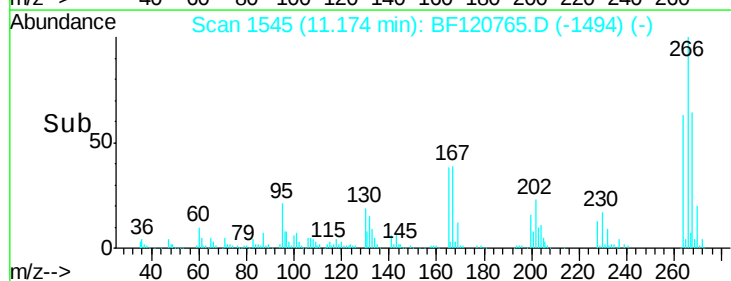
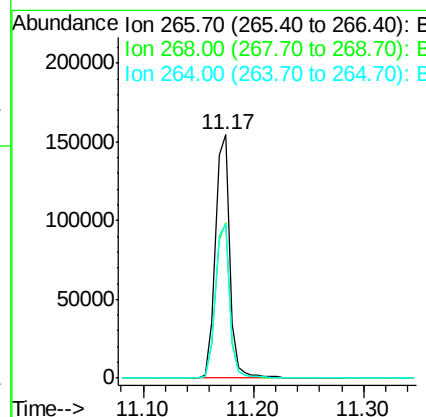
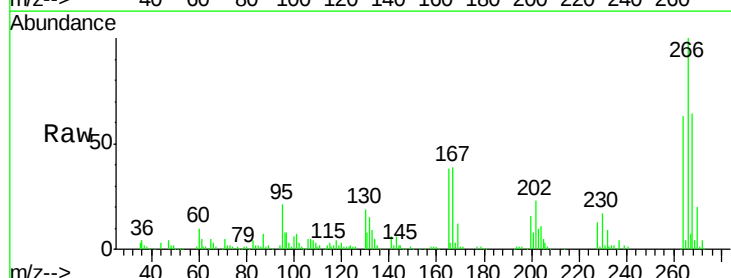
Manual Integrations
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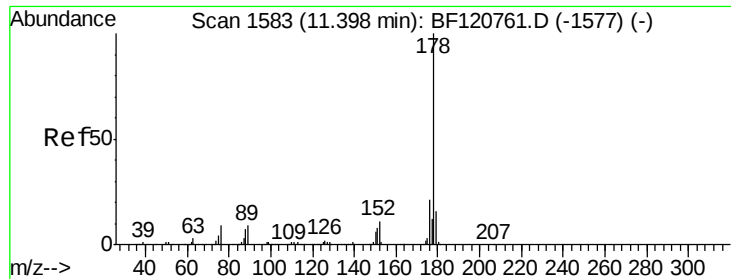
mohammad
7/7/2020 8:25:34 AM



#70
Pentachlorophenol
Concen: 44.575 ng
RT: 11.17 min Scan# 1545
Delta R.T. 0.00 min
Lab File: BF120765.D
Acq: 2 Jul 2020 18:27

Tgt Ion	Ratio	Resp	Lower	Upper
266	100	136861		
268	63.7	51.4	77.2	
264	63.0	50.6	75.8	





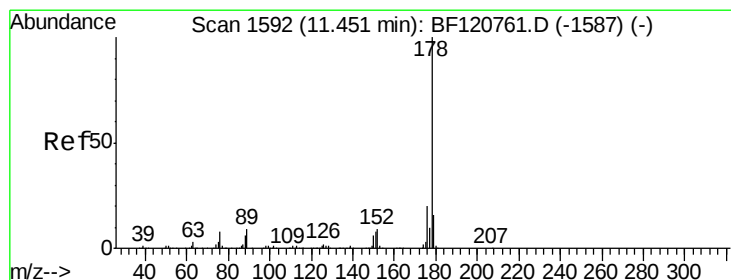
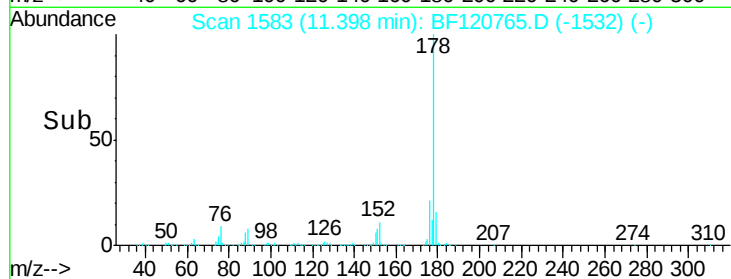
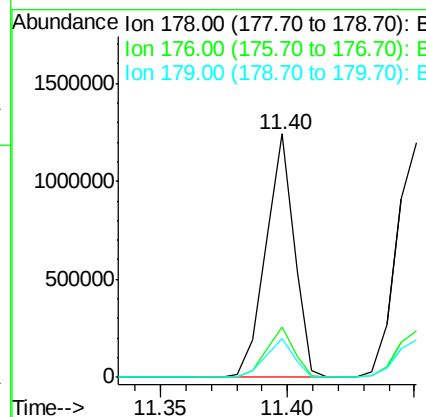
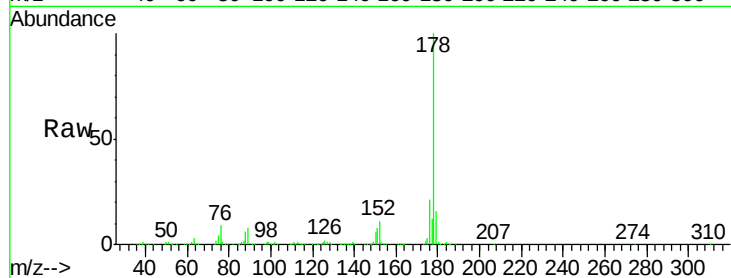
#71
Phenanthrene
Concen: 40.451 ng
RT: 11.40 min Scan# 1583
Delta R.T. 0.00 min
Lab File: BF120765.D
Acq: 2 Jul 2020 18:27

Instrument :
BNA_F
ClientSampleId :
ICVBF070220

Tot Ion	Ratio	Lower	Upper
178	100		
176	20.9	16.4	24.6
179	16.1	12.9	19.3

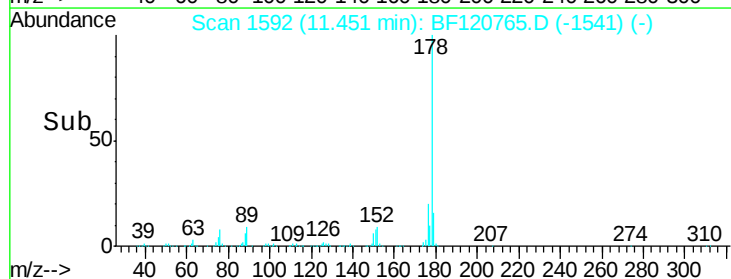
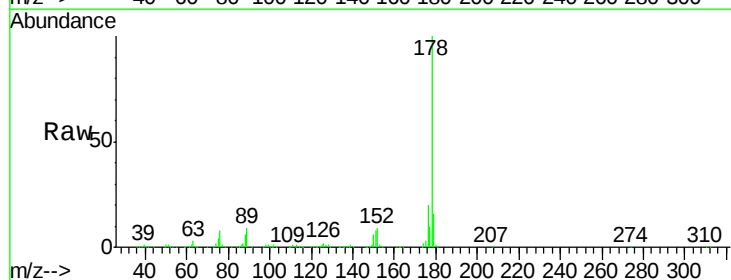
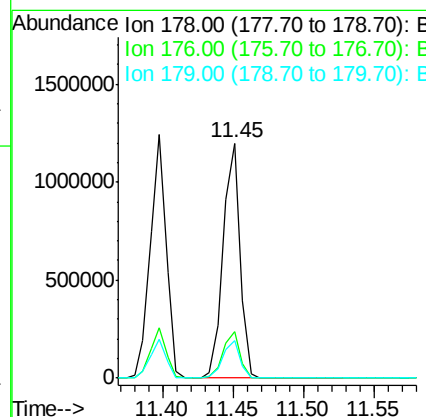
Manual Integrations
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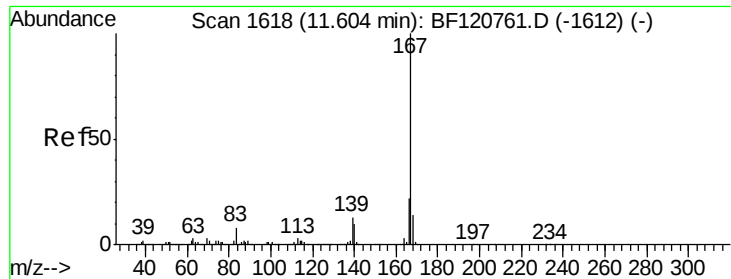
mohammad
7/7/2020 8:25:34 AM



#72
Anthracene
Concen: 40.889 ng
RT: 11.45 min Scan# 1592
Delta R.T. 0.00 min
Lab File: BF120765.D
Acq: 2 Jul 2020 18:27

Tgt Ion	Ratio	Lower	Upper
178	100		
176	20.0	16.2	24.2
179	16.1	12.7	19.1





#73

Carbazole

Concen: 40.203 ng

RT: 11.60 min Scan# 1618

Delta R.T. 0.00 min

Lab File: BF120765.D

Acq: 2 Jul 2020 18:27

Instrument :

BNA_F

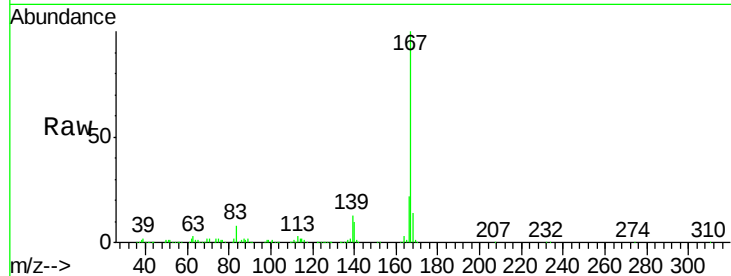
ClientSampleId :

ICVBF070220

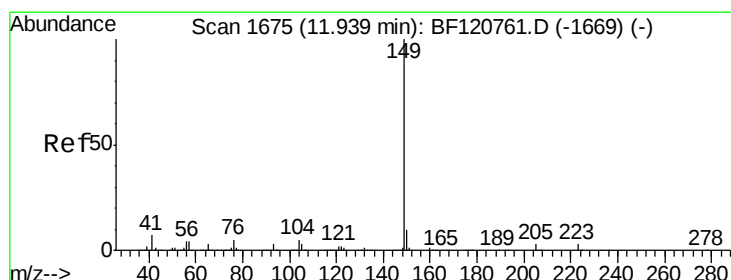
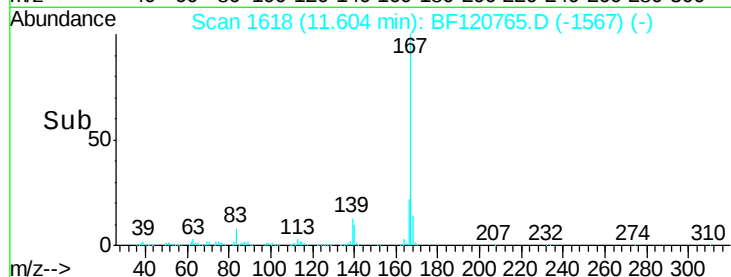
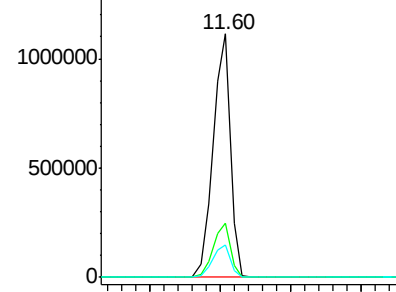
Tot Ion:	167	Resp:	944365
Ion Ratio	Lower	Upper	
167	100		
166	22.2	17.8	26.8
139	13.4	10.7	16.1

Manual Integrations
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Abundance Ion 167.00 (166.70 to 167.70): E
1500000 Ion 166.00 (165.70 to 166.70): E
Ion 139.00 (138.70 to 139.70): E



#74

Di-n-butylphthalate

Concen: 41.001 ng

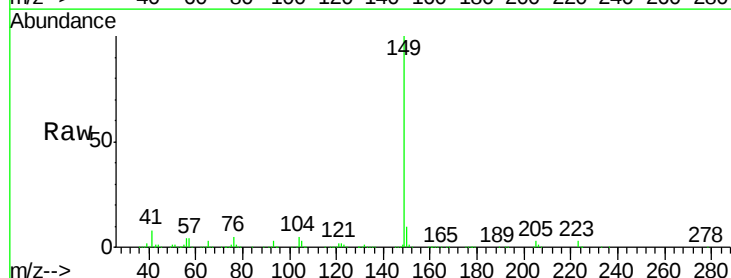
RT: 11.94 min Scan# 1675

Delta R.T. 0.00 min

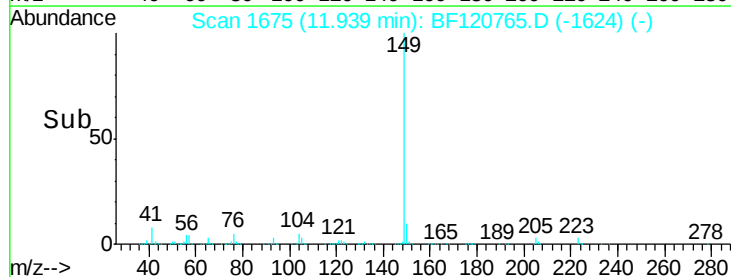
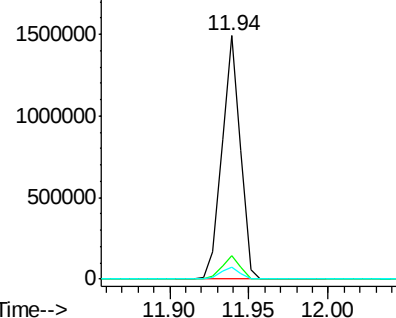
Lab File: BF120765.D

Acq: 2 Jul 2020 18:27

Tgt Ion:	149	Resp:	1192388
Ion Ratio	Lower	Upper	
149	100		
150	9.6	7.7	11.5
104	5.1	4.0	6.0



Abundance Ion 149.00 (148.70 to 149.70): E
2000000 Ion 150.00 (149.70 to 150.70): E
Ion 104.00 (103.70 to 104.70): E





#75

Fluoranthene

Concen: 41.048 ng

RT: 12.59 min Scan# 1785

Delta R.T. 0.00 min

Lab File: BF120765.D

Acq: 2 Jul 2020 18:27

Instrument :

BNA_F

ClientSampleId :

ICVBF070220

Tot Ion:202 Resp: 1057750

Ion Ratio Lower Upper

202 100

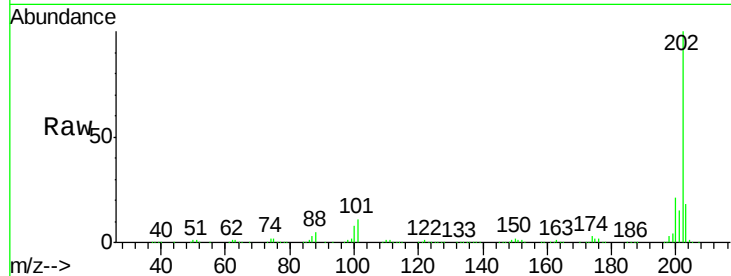
101 10.7 0.0 31.6

203 17.8 0.0 38.2

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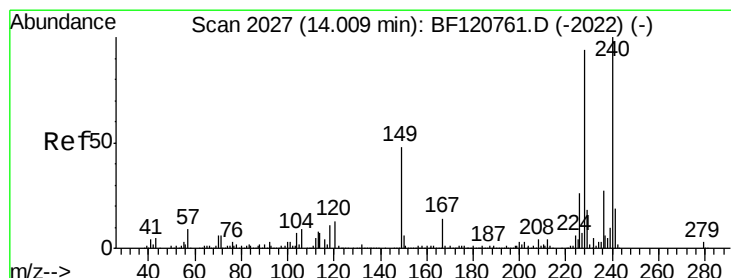
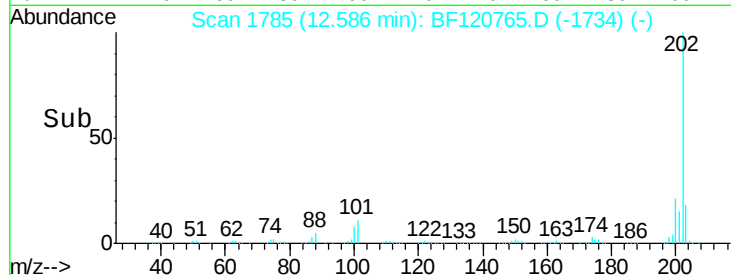
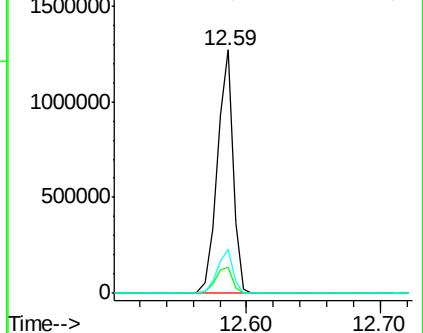
7/7/2020 8:25:34 AM



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: BF120765.D

Acq: 2 Jul 2020 18:27

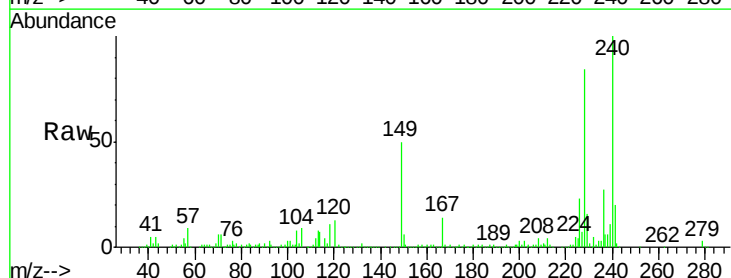
Tgt Ion:240 Resp: 327193

Ion Ratio Lower Upper

240 100

120 13.2 10.3 15.5

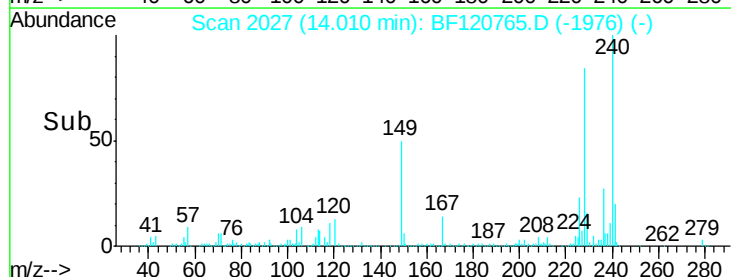
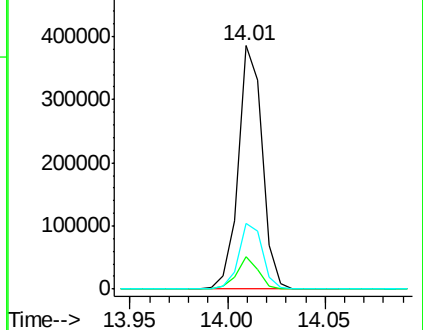
236 26.9 21.4 32.2

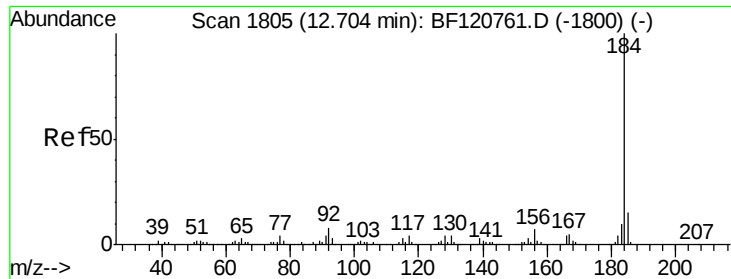


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#77

Benzidine

Concen: 39.776 ng

RT: 12.70 min Scan# 1805

Delta R.T. 0.00 min

Lab File: BF120765.D

Acq: 2 Jul 2020 18:27

Instrument :

BNA_F

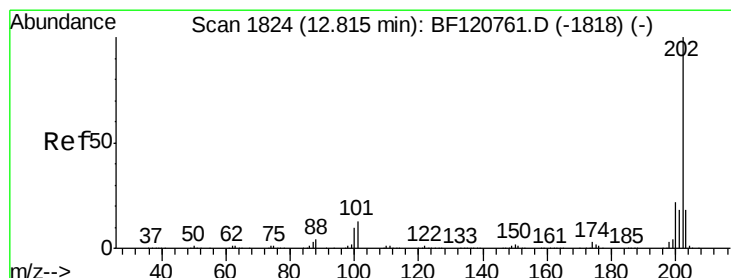
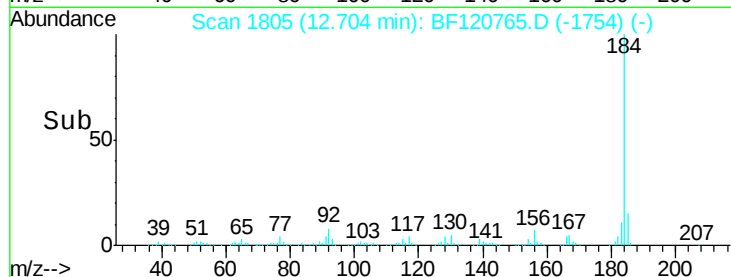
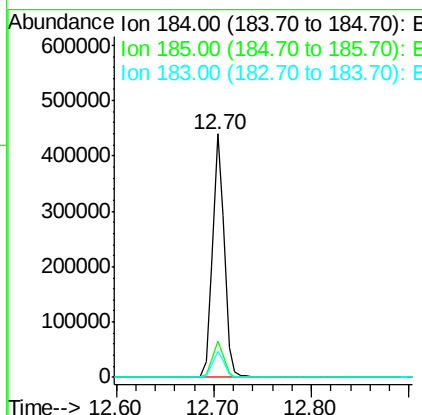
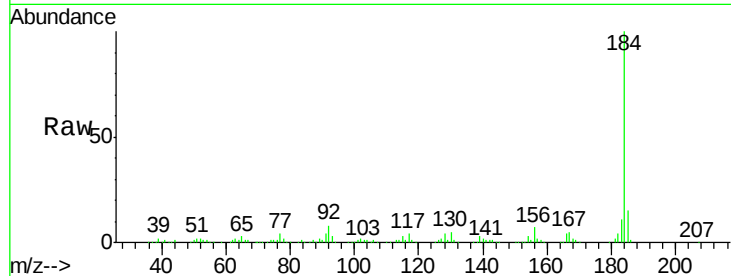
ClientSampleId :

ICVBF070220

Tot Ion:	184	Resp:	367341
Ion Ratio	Lower	Upper	
184	100		
185	14.9	11.8	17.8
183	10.6	8.3	12.5

Manual Integrations
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#78

Pyrene

Concen: 41.004 ng

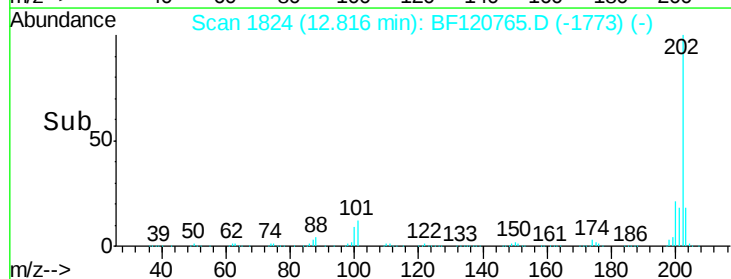
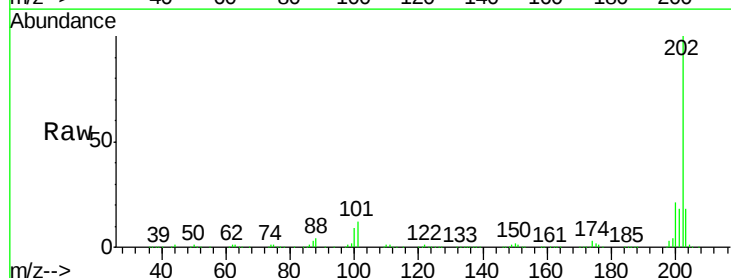
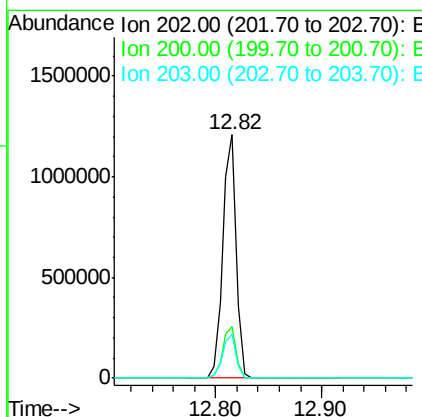
RT: 12.82 min Scan# 1824

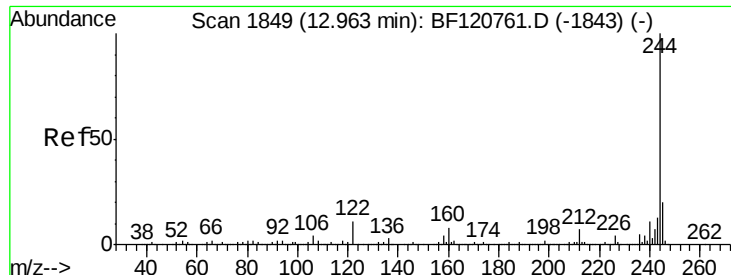
Delta R.T. 0.00 min

Lab File: BF120765.D

Acq: 2 Jul 2020 18:27

Tgt Ion:	202	Resp:	1071503
Ion Ratio	Lower	Upper	
202	100		
200	21.2	17.3	25.9
203	17.8	14.6	22.0





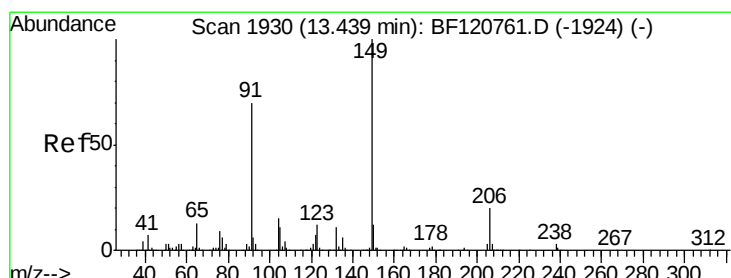
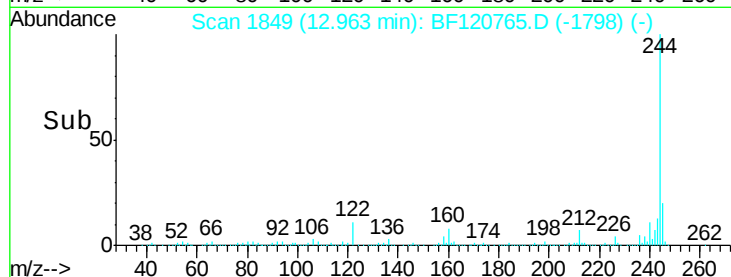
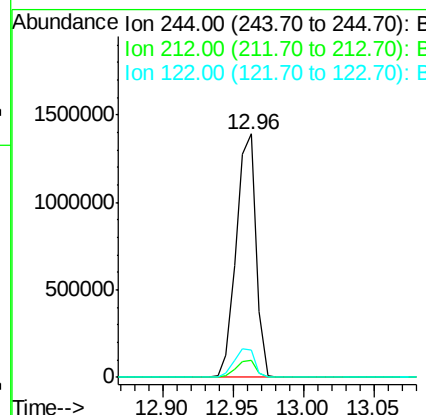
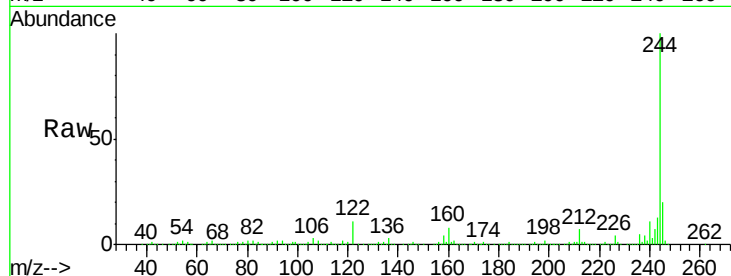
#79
 Terphenyl-d14
 Concen: 81.127 ng
 RT: 12.96 min Scan# 1849
 Delta R.T. 0.00 min
 Lab File: BF120765.D
 Acq: 2 Jul 2020 18:27

Instrument :
 BNA_F
 ClientSampleId :
 ICVBF070220

Tot Ion	Ratio	Lower	Upper
244	100		
212	7.2	5.6	8.4
122	11.2	9.0	13.4

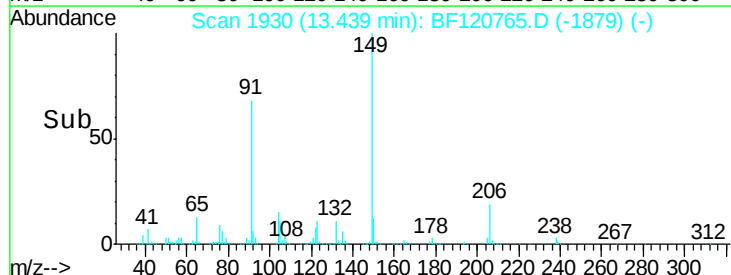
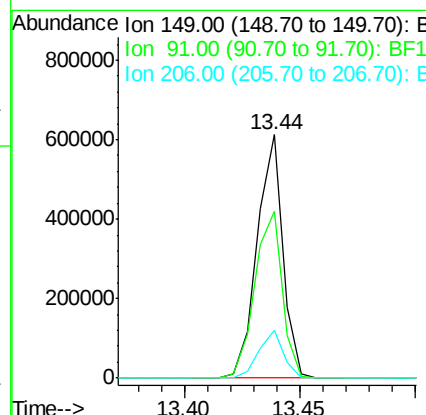
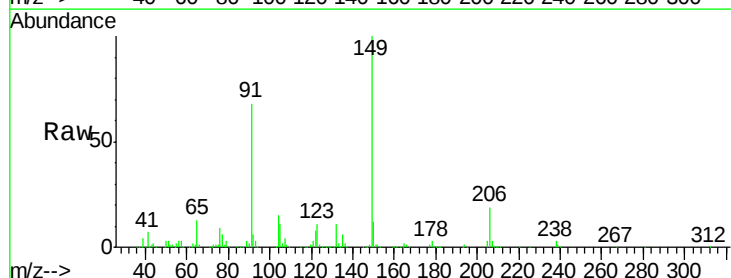
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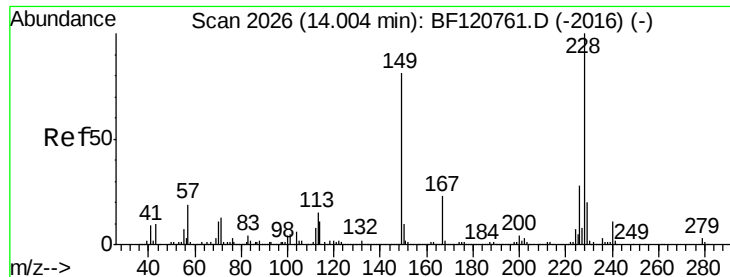
mohammad
 7/7/2020 8:25:34 AM



#80
 Butylbenzylphthalate
 Concen: 42.351 ng
 RT: 13.44 min Scan# 1930
 Delta R.T. 0.00 min
 Lab File: BF120765.D
 Acq: 2 Jul 2020 18:27

Tgt Ion	Ratio	Lower	Upper
149	100		
91	68.4	55.8	83.8
206	19.4	15.7	23.5





#81

Benzo(a)anthracene

Concen: 41.865 ng

RT: 14.00 min Scan# 2025

Delta R.T. -0.01 min

Lab File: BF120765.D

Acq: 2 Jul 2020 18:27

Instrument :

BNA_F

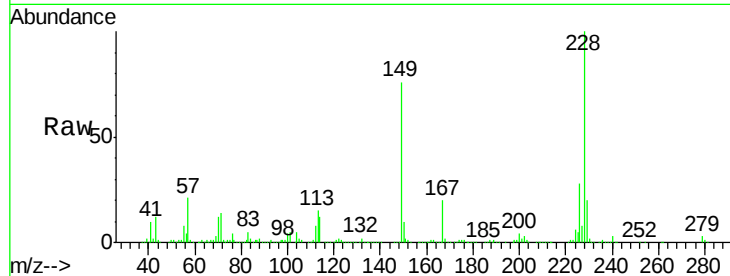
ClientSampleId :

ICVBF070220

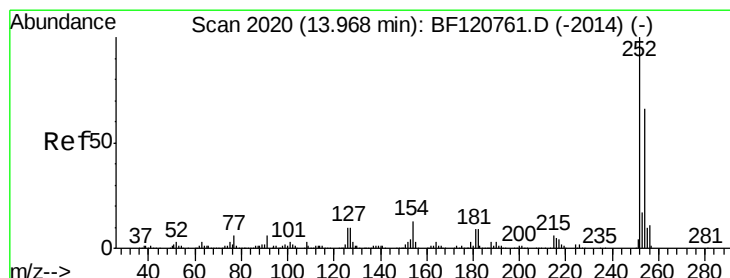
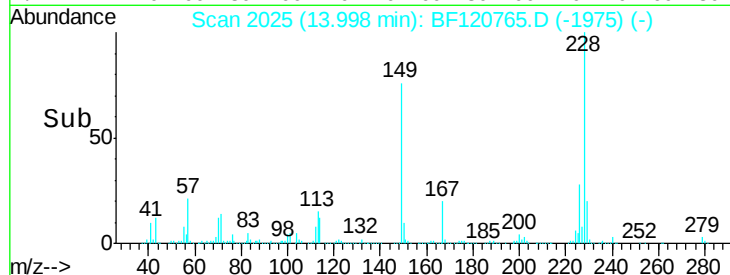
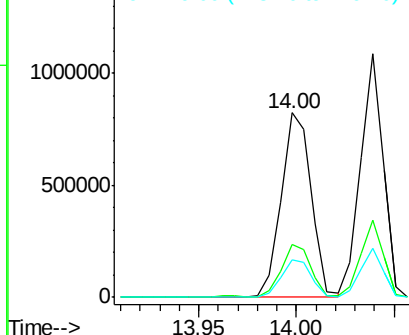
Tot Ion:	228	Resp:	878051
Ion Ratio	Lower	Upper	
228	100		
226	28.4	22.6	33.8
229	20.4	15.8	23.6

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: 42.398 ng

RT: 13.96 min Scan# 2019

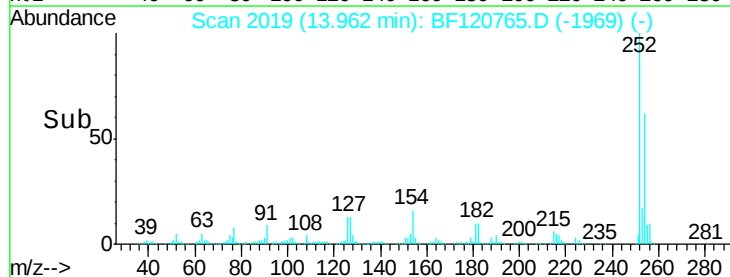
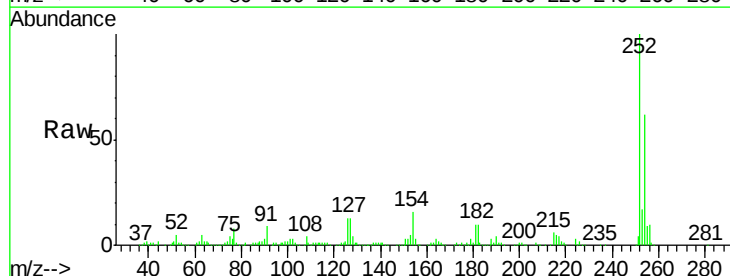
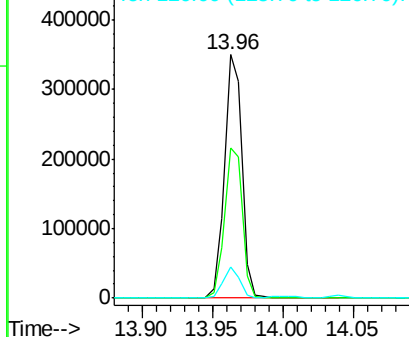
Delta R.T. -0.01 min

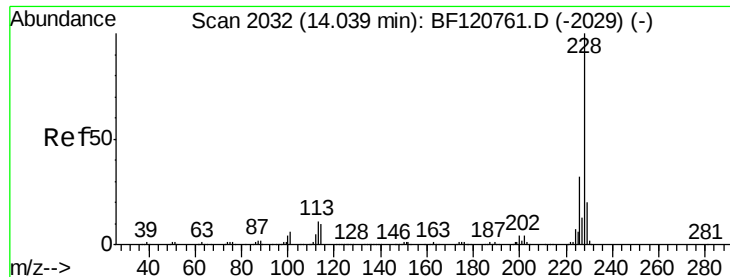
Lab File: BF120765.D

Acq: 2 Jul 2020 18:27

Tgt Ion:	252	Resp:	300089
Ion Ratio	Lower	Upper	
252	100		
254	61.7	52.6	78.8
126	13.0	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





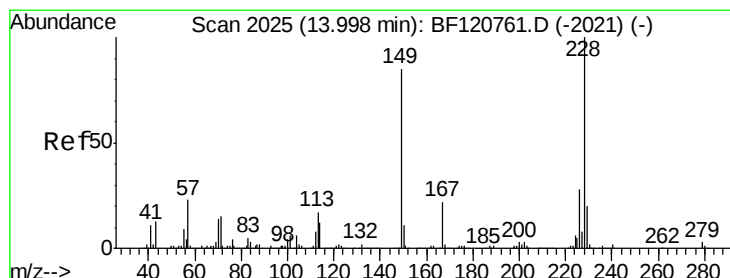
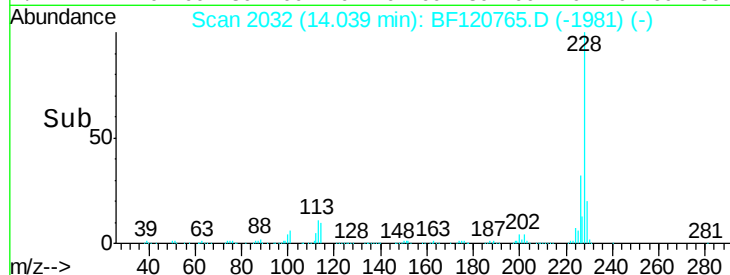
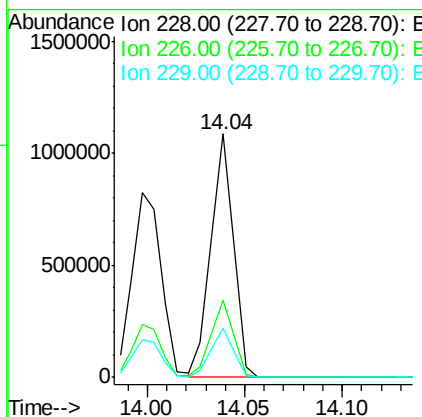
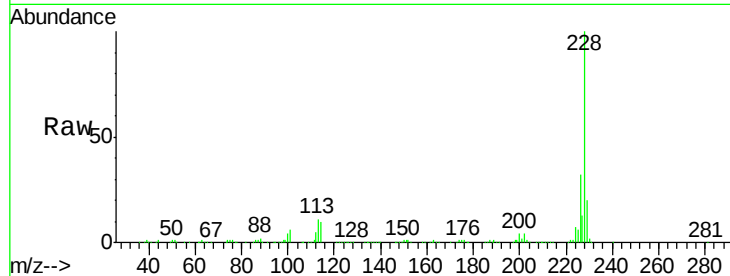
#83
Chrvsene
Concen: 41.069 ng
RT: 14.04 min Scan# 2032
Delta R.T. 0.00 min
Lab File: BF120765.D
Acq: 2 Jul 2020 18:27

Instrument :
BNA_F
ClientSampleId :
ICVBF070220

Tot Ion	Ratio	Resp	Lower	Upper
228	100	878616		
226	31.7		25.7	38.5
229	20.2		16.3	24.5

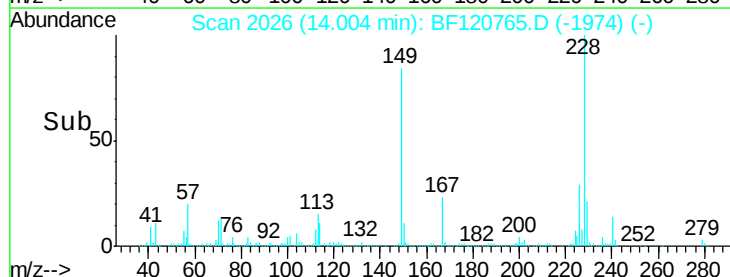
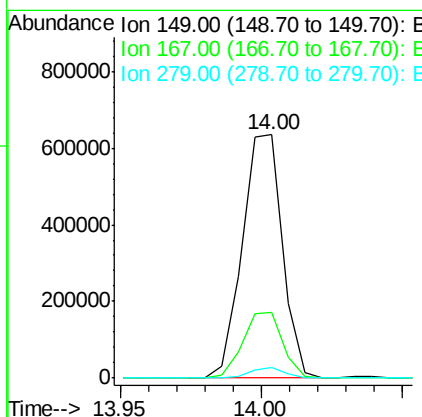
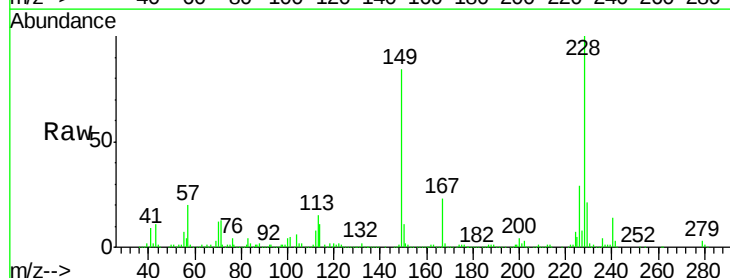
Manual Integrations
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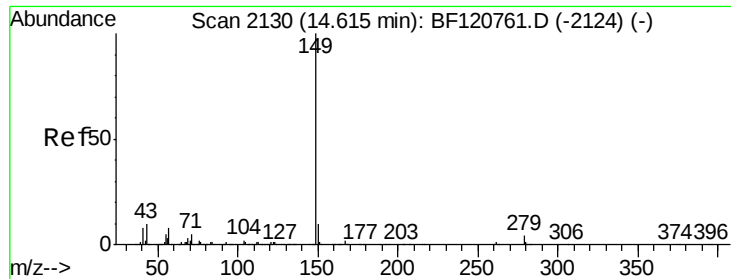
mohammad
7/7/2020 8:25:34 AM



#84
Bis(2-ethylhexyl)phthalate
Concen: 42.291 ng
RT: 14.00 min Scan# 2026
Delta R.T. 0.01 min
Lab File: BF120765.D
Acq: 2 Jul 2020 18:27

Tgt Ion	Ratio	Resp	Lower	Upper
149	100	625664		
167	27.2		20.9	31.3
279	4.1		2.6	4.0#





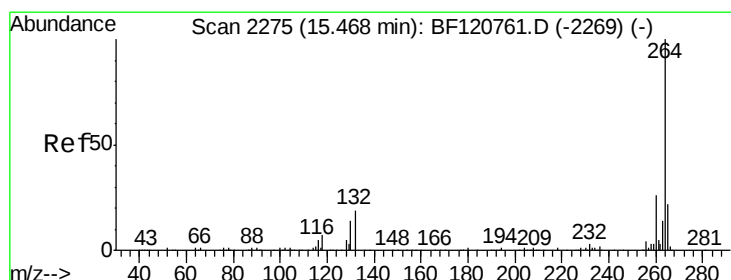
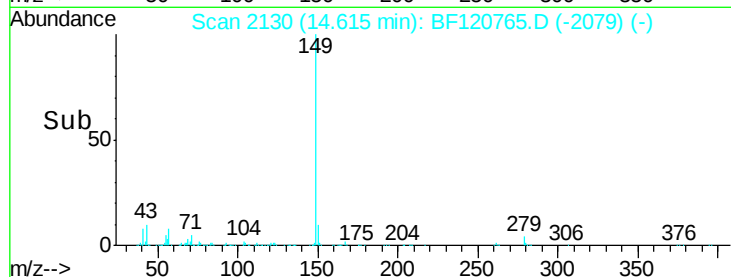
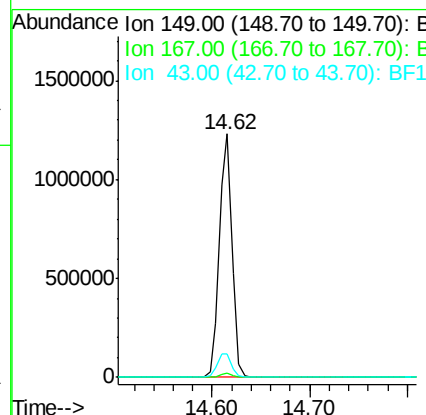
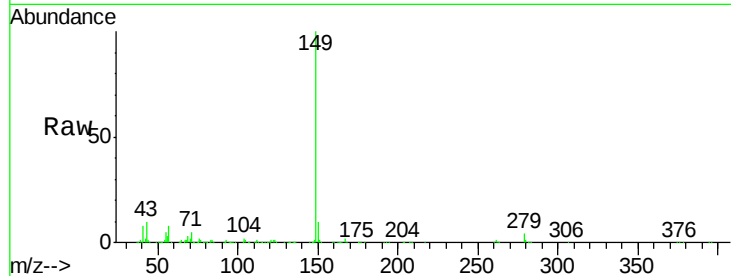
#85
Di-n-octyl phthalate
Concen: 42.154 ng
RT: 14.62 min Scan# 2130
Delta R.T. 0.00 min
Lab File: BF120765.D
Acq: 2 Jul 2020 18:27

Instrument :
BNA_F
ClientSampleId :
ICVBF070220

Tot Ion	Ratio	Lower	Upper
149	100		
167	1.5	1.2	1.8
43	11.1	8.7	13.1

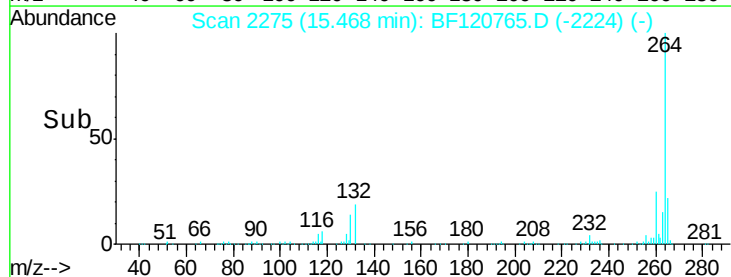
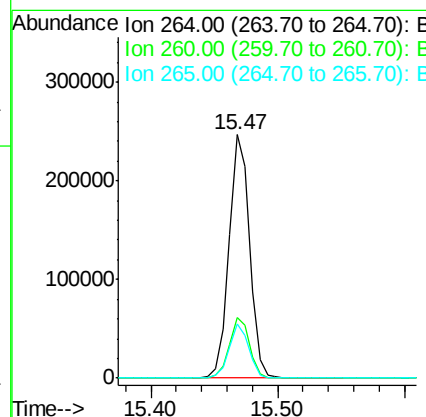
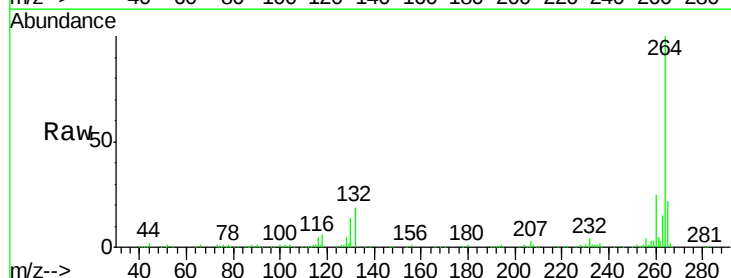
Manual Integrations
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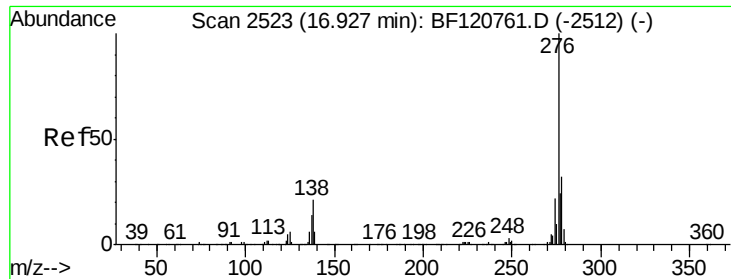
mohammad
7/7/2020 8:25:34 AM



#86
Perylene-d12
Concen: 20.000 ng
RT: 15.47 min Scan# 2275
Delta R.T. 0.00 min
Lab File: BF120765.D
Acq: 2 Jul 2020 18:27

Tgt Ion	Ratio	Lower	Upper
264	100		
260	24.8	20.6	30.8
265	22.4	17.6	26.4





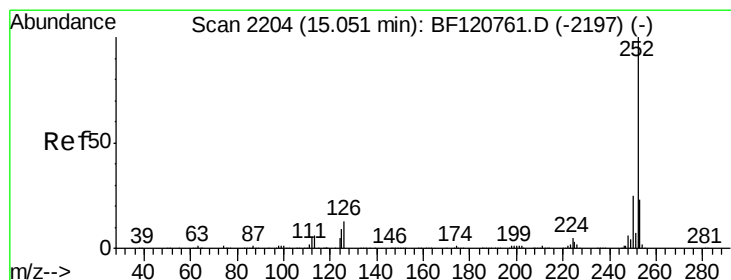
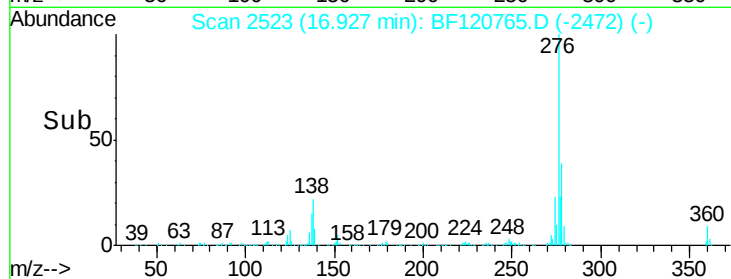
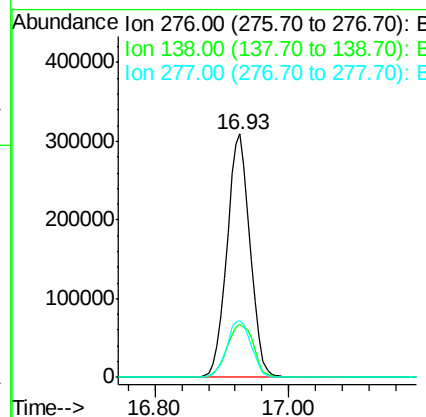
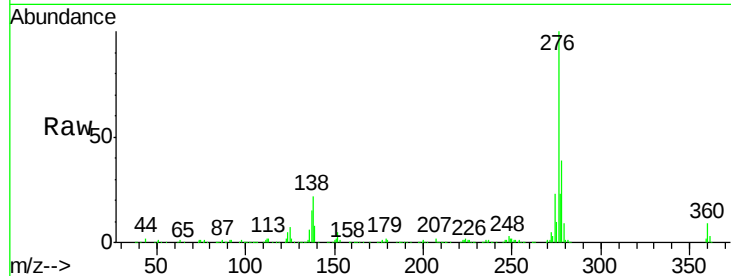
#87
 Indeno(1,2,3-cd)pyrene
 Concen: 42.570 ng
 RT: 16.93 min Scan# 2523
 Delta R.T. 0.00 min
 Lab File: BF120765.D
 Acq: 2 Jul 2020 18:27

Instrument :
 BNA_F
 ClientSampleId :
 ICVBF070220

Tot Ion	Ratio	Lower	Upper
276	100		
138	25.1	19.8	29.8
277	24.8	19.9	29.9

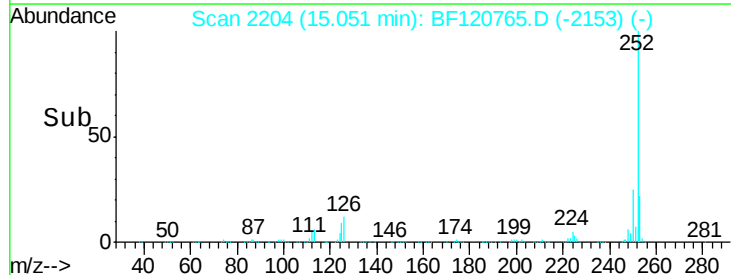
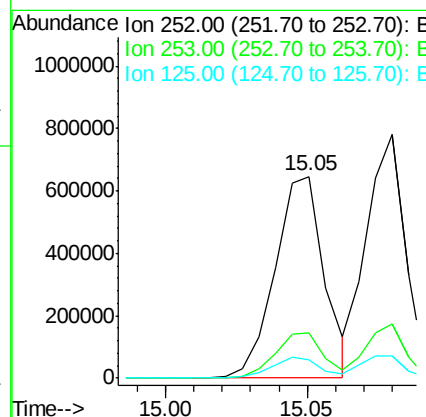
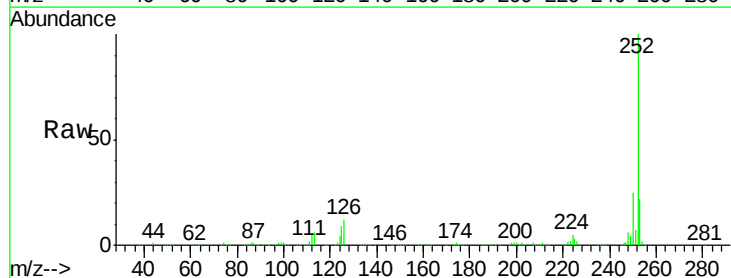
Manual Integrations
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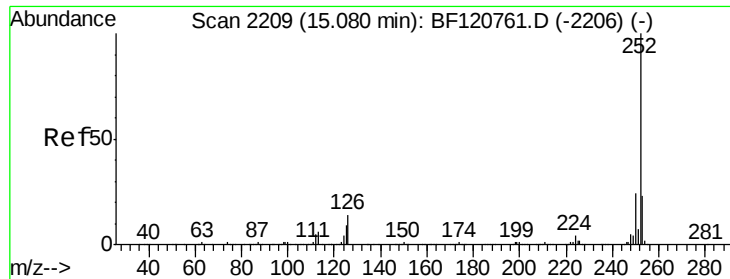
mohammad
 7/7/2020 8:25:34 AM



#88
 Benzo(b)fluoranthene
 Concen: 42.937 ng
 RT: 15.05 min Scan# 2204
 Delta R.T. 0.00 min
 Lab File: BF120765.D
 Acq: 2 Jul 2020 18:27

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.2	18.0	27.0
125	8.9	7.5	11.3





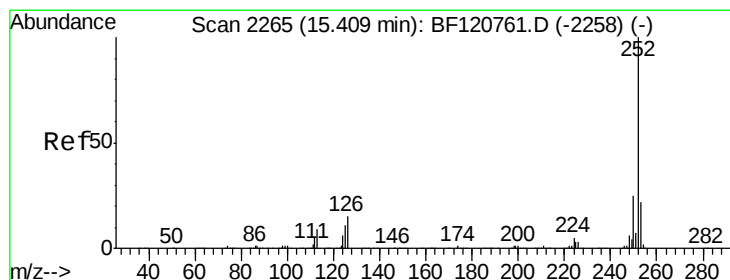
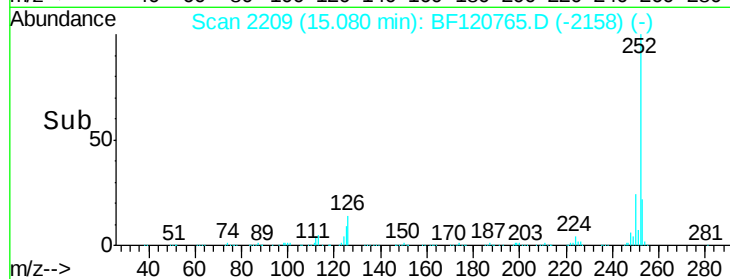
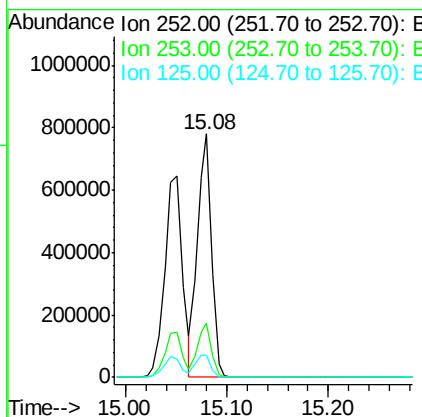
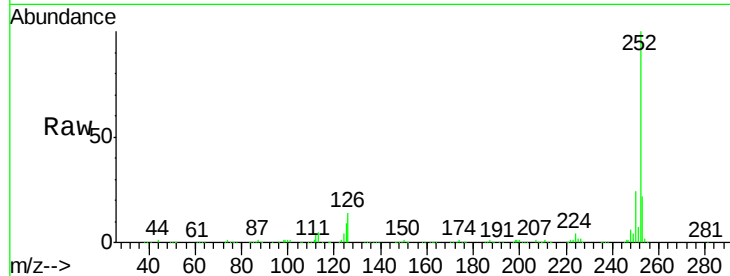
#89
Benzo(k)fluoranthene
Concen: 42.481 ng
RT: 15.08 min Scan# 2209
Delta R.T. 0.00 min
Lab File: BF120765.D
Acq: 2 Jul 2020 18:27

Instrument :
BNA_F
ClientSampleId :
ICVBF070220

Tot Ion	Ratio	Lower	Upper
252	100		
253	22.0	17.9	26.9
125	9.2	7.6	11.4

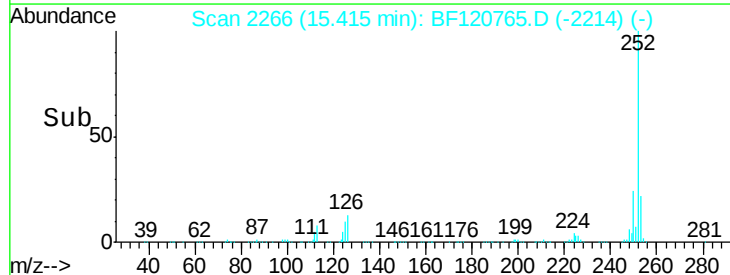
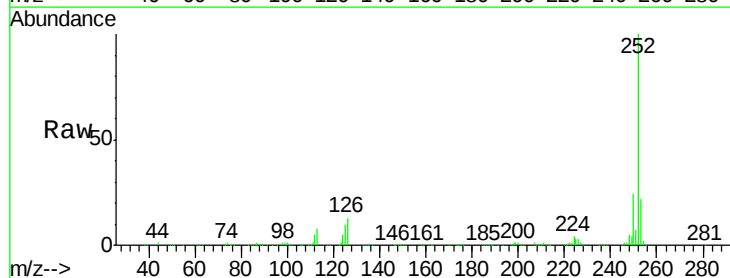
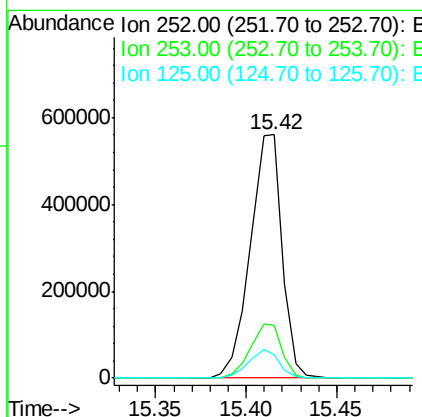
Manual Integrations
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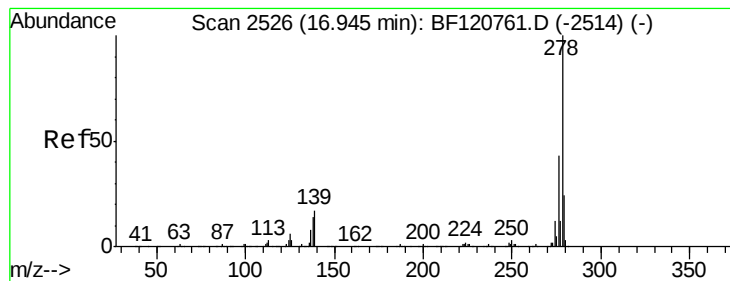
mohammad
7/7/2020 8:25:34 AM



#90
Benzo(a)pyrene
Concen: 42.321 ng
RT: 15.42 min Scan# 2266
Delta R.T. 0.01 min
Lab File: BF120765.D
Acq: 2 Jul 2020 18:27

Tgt Ion	Ratio	Lower	Upper
252	100		
253	21.9	17.4	26.0
125	9.7	9.2	13.8





#91

Dibenzo(a,h)anthracene

Concen: 42.719 ng

RT: 16.94 min Scan# 2526

Delta R.T. 0.00 min

Lab File: BF120765.D

Acq: 2 Jul 2020 18:27

Instrument :

BNA_F

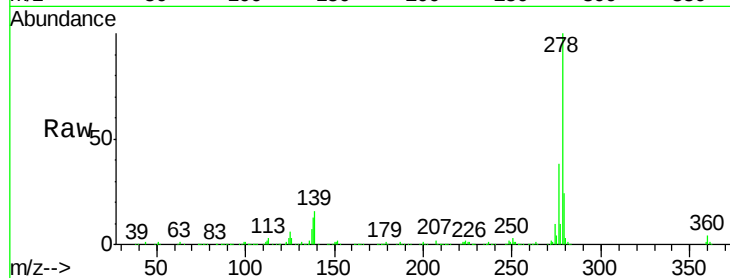
ClientSampleId :

ICVBF070220

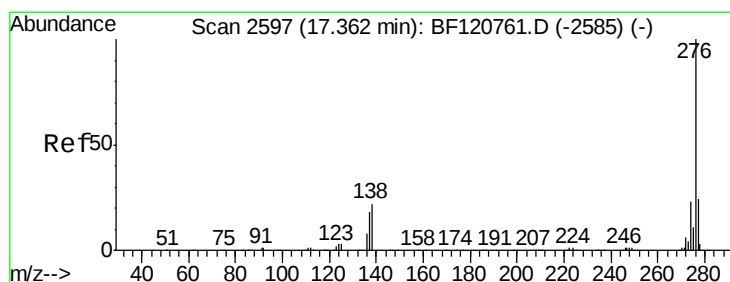
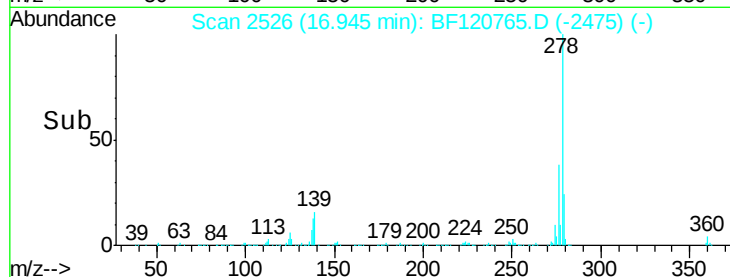
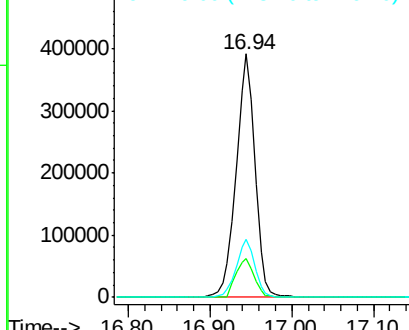
Tot Ion	Ion	Ratio	Lower	Upper
278	100			
139	15.7	13.3	19.9	
279	23.6	19.0	28.6	

Manual Integrations
APPROVED

mohammad
7/7/2020 8:25:34 AM



Abundance Ion 278.00 (277.70 to 278.70): E
Ion 139.00 (138.70 to 139.70): E
Ion 279.00 (278.70 to 279.70): E



#92

Benzo(g,h,i)perylene

Concen: 41.359 ng

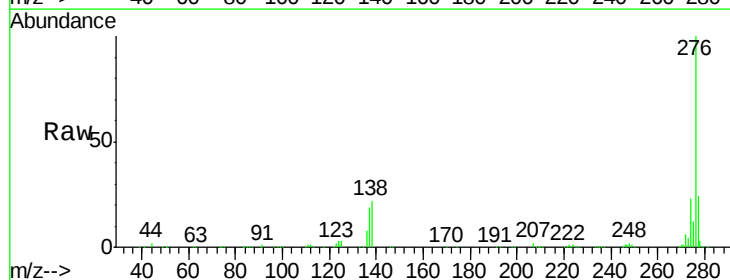
RT: 17.36 min Scan# 2597

Delta R.T. 0.00 min

Lab File: BF120765.D

Acq: 2 Jul 2020 18:27

Tgt Ion	Ion	Ratio	Lower	Upper
276	100			
277	23.8	18.8	28.2	
138	22.1	17.4	26.2	



Abundance Ion 276.00 (275.70 to 276.70): E
Ion 277.00 (276.70 to 277.70): E
Ion 138.00 (137.70 to 138.70): E

