

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF072020\
 Data File : BF120931.D
 Acq On : 20 Jul 2020 14:07
 Operator : JU/CG
 Sample : SP5204
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SP5204

Manual Integrations
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mohammad
 7/21/2020 11:32:34 AM

Quant Time: Jul 20 15:14:43 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF071620.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Jul 16 14:20:32 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.82	152	182916	20.00	ng	0.00
21) Naphthalene-d8	8.10	136	710269	20.00	ng	0.00
39) Acenaphthene-d10	9.86	164	384922	20.00	ng	0.00
64) Phenanthrene-d10	11.34	188	754508	20.00	ng	0.00
76) Chrysene-d12	13.98	240	578177	20.00	ng	0.00
86) Perylene-d12	15.43	264	611387	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	0.00	112	0	0.00	ng	
7) Phenol-d6	0.00	99	0d	0.00	ng	
23) Nitrobenzene-d5	0.00	82	0d	0.00	ng	
42) 2,4,6-Tribromophenol	0.00	330	0	0.00	ng	
45) 2-Fluorobiphenyl	0.00	172	0d	0.00	ng	
79) Terphenyl-d14	0.00	244	0d	0.00	ng	

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.64	88	250713	48.823	ng	100
3) Pyridine	3.38	79	560969	41.065	ng	99
4) n-Nitrosodimethylamine	3.33	42	274729	47.032	ng	94
6) Aniline	6.47	93	682331	36.267	ng	99
8) 2-Chlorophenol	6.60	128	603648	49.110	ng	99
9) Benzaldehyde	6.36	77	438062	85.645	ng	99
10) Phenol	6.46	94	767270	48.394	ng	99
11) bis(2-Chloroethyl)ether	6.55	93	558811	45.989	ng	98
12) 1,3-Dichlorobenzene	6.76	146	603465	45.276	ng	98
13) 1,4-Dichlorobenzene	6.83	146	608857	45.939	ng	99
14) 1,2-Dichlorobenzene	6.99	146	586129	46.747	ng	99
15) Benzyl Alcohol	6.96	79	485828	47.664	ng	99
16) 2,2'-oxybis(1-Chloropropan	7.09	45	796241	45.464	ng	100
17) 2-Methylphenol	7.07	107	477875	43.864	ng	99
18) Hexachloroethane	7.33	117	229991	47.945	ng	95
19) n-Nitroso-di-n-propylamine	7.23	70	354481	43.252	ng	99
20) 3+4-Methylphenols	7.22	107	523684	37.787	ng	# 88
22) Acetophenone	7.23	105	715234	44.869	ng	95
24) Nitrobenzene	7.40	77	600140	45.362	ng	97
25) Isophorone	7.64	82	1124261	45.892	ng	98
26) 2-Nitrophenol	7.72	139	322103	51.263	ng	99
27) 2,4-Dimethylphenol	7.76	122	530370	51.988	ng	98
28) bis(2-Chloroethoxy)methane	7.85	93	713026	47.681	ng	99
29) 2,4-Dichlorophenol	7.96	162	498225	47.793	ng	98
30) 1,2,4-Trichlorobenzene	8.04	180	533999	46.170	ng	99
31) Naphthalene	8.12	128	1642326	45.077	ng	99
32) Benzoic acid	7.89	122	431293	56.319	ng	95
33) 4-Chloroaniline	8.17	127	482455	29.685	ng	99
34) Hexachlorobutadiene	8.24	225	301703	44.250	ng	99
35) Caprolactam	8.55	113	162281m	48.543	ng	
36) 4-Chloro-3-methylphenol	8.66	107	517979	48.448	ng	98
37) 2-Methylnaphthalene	8.82	142	1122760	47.461	ng	99
38) 1-Methylnaphthalene	8.91	142	1064451	47.510	ng	99
40) 1,2,4,5-Tetrachlorobenzene	8.98	216	483725	43.132	ng	99

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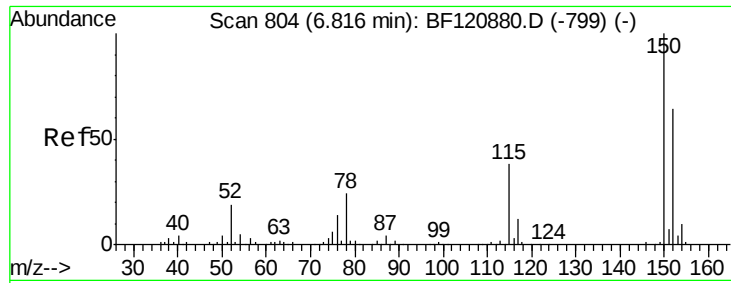
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	8.97	237	611698	98.688	nq	97
43) 2,4,6-Trichlorophenol	9.09	196	377157	47.763	nq	99
44) 2,4,5-Trichlorophenol	9.13	196	385507	43.039	nq	96
46) 1,1'-Biphenyl	9.28	154	1336744	45.527	nq	99
47) 2-Chloronaphthalene	9.30	162	1037760	43.350	nq	98
48) 2-Nitroaniline	9.40	65	334575	46.247	nq	98
49) Acenaphthylene	9.72	152	1685504	45.322	nq	100
50) Dimethylphthalate	9.59	163	1254865	45.188	nq	100
51) 2,6-Dinitrotoluene	9.64	165	286201	47.971	nq	97
52) Acenaphthene	9.89	154	1141308m	48.270	nq	
53) 3-Nitroaniline	9.81	138	227010	30.339	nq	99
54) 2,4-Dinitrophenol	9.92	184	308302	88.942	nq	88
55) Dibenzofuran	10.06	168	1479263	43.264	nq	100
56) 4-Nitrophenol	9.97	139	538353	94.715	nq	99
57) 2,4-Dinitrotoluene	10.05	165	380172	48.524	nq	93
58) Fluorene	10.40	166	1052433	41.270	nq	99
59) 2,3,4,6-Tetrachlorophenol	10.18	232	335690	49.223	nq	98
60) Diethylphthalate	10.28	149	1246948	44.394	nq	99
61) 4-Chlorophenyl-phenylether	10.40	204	521490	38.341	nq	97
62) 4-Nitroaniline	10.43	138	312575	42.885	nq	95
63) Azobenzene	10.56	77	1167829	43.673	nq	99
65) 4,6-Dinitro-2-methylphenol	10.45	198	205875	47.214	nq	97
66) n-Nitrosodiphenylamine	10.52	169	1053759	44.396	nq	100
67) 4-Bromophenyl-phenylether	10.89	248	365398	43.437	nq	94
68) Hexachlorobenzene	10.95	284	406649	44.688	nq	95
69) Atrazine	11.05	200	309128	52.589	nq	98
70) Pentachlorophenol	11.15	266	490817	94.150	nq	100
71) Phenanthrene	11.37	178	1657325	42.709	nq	99
72) Anthracene	11.42	178	1722224	44.199	nq	99
73) Carbazole	11.57	167	1623766	41.991	nq	99
74) Di-n-butylphthalate	11.90	149	1956447	43.842	nq	99
75) Fluoranthene	12.55	202	1858847	43.217	nq	99
77) Benzidine	12.67	184	1304879	85.840	nq	99
78) Pyrene	12.78	202	1901867	46.526	nq	99
80) Butylbenzylphthalate	13.40	149	864837	47.460	nq	96
81) Benzo(a)anthracene	13.97	228	1499172	42.819	nq	99
82) 3,3'-Dichlorobenzidine	13.93	252	531921	40.270	nq	99
83) Chrysene	14.01	228	1602462	43.553	nq	99
84) Bis(2-ethylhexyl)phthalate	13.96	149	995796	44.316	nq	# 100
85) Di-n-octyl phthalate	14.57	149	2013079	45.030	nq	99
87) Indeno(1,2,3-cd)pyrene	16.86	276	1704236	40.081	nq	100
88) Benzo(b)fluoranthene	15.01	252	1827849	49.460	nq	99
89) Benzo(k)fluoranthene	15.04	252	1456125	43.204	nq	99
90) Benzo(a)pyrene	15.37	252	1540572	45.691	nq	99
91) Dibenzo(a,h)anthracene	16.89	278	1423433	40.983	nq	98
92) Benzo(g,h,i)perylene	17.30	276	1373289	40.101	nq	99

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



#1

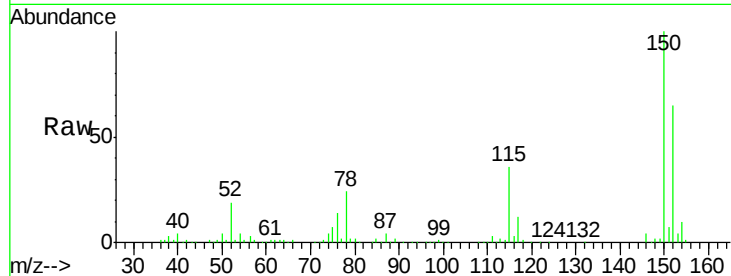
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.82 min Scan# 804
Delta R.T. 0.00 min
Lab File: BF120931.D
Acq: 20 Jul 2020 14:07

Instrument :
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ClientSampleId :
SP5204

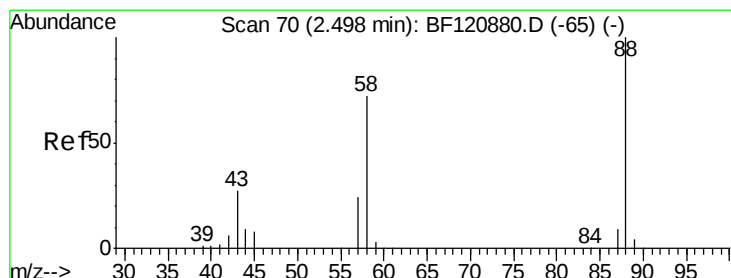
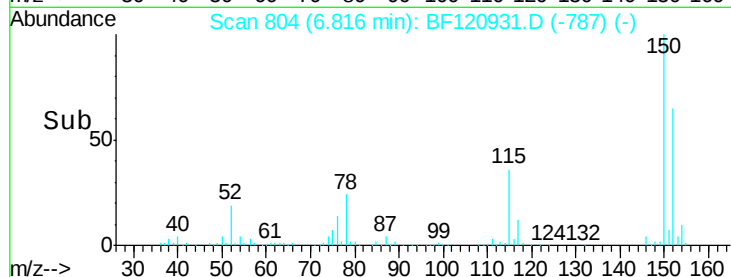
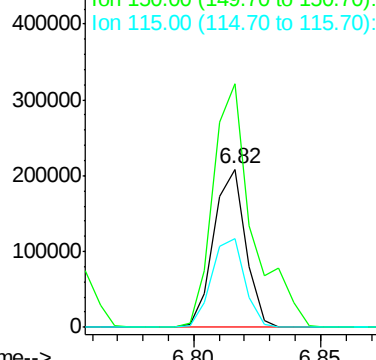
Tot Ion	Ratio	Lower	Upper
152	100		
150	154.0	125.0	187.6
115	56.1	47.0	70.4

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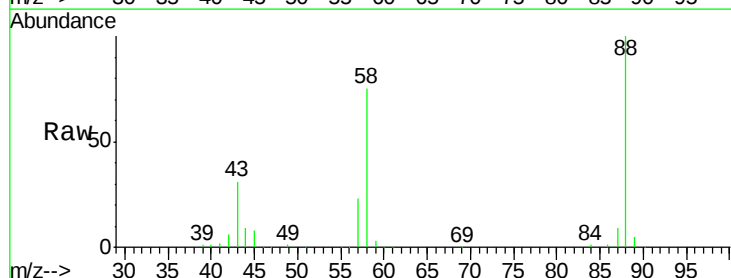
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



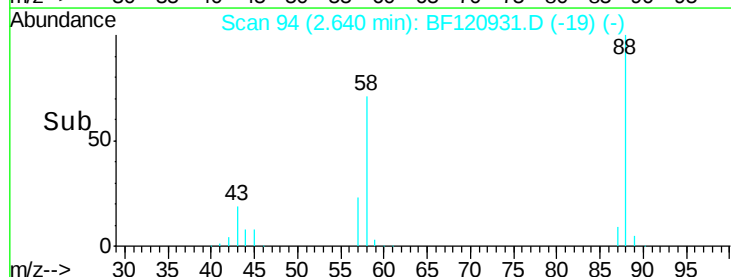
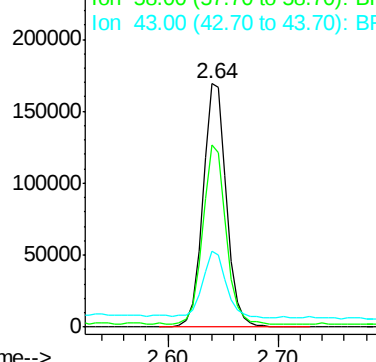
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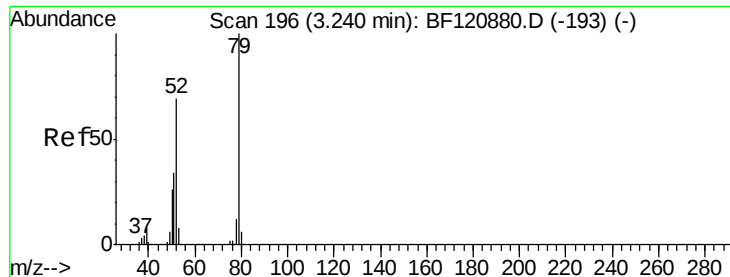
1,4-Dioxane
Concen: 48.823 ng
RT: 2.64 min Scan# 94
Delta R.T. 0.14 min
Lab File: BF120931.D
Acq: 20 Jul 2020 14:07

Tgt Ion	Ratio	Lower	Upper
88	100		
58	72.6	58.2	87.2
43	27.3	22.1	33.1



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: 41.065 ng

RT: 3.38 min Scan# 219

Delta R.T. 0.14 min

Lab File: BF120931.D

Acq: 20 Jul 2020 14:07

Instrument :

BNA_F

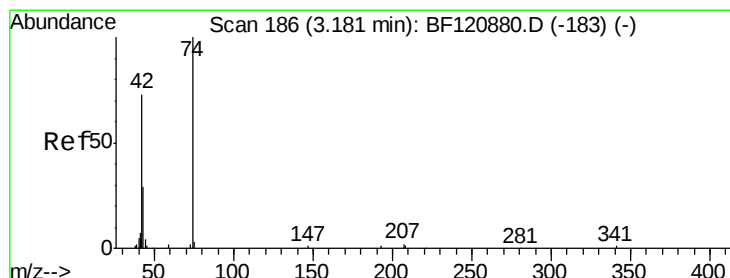
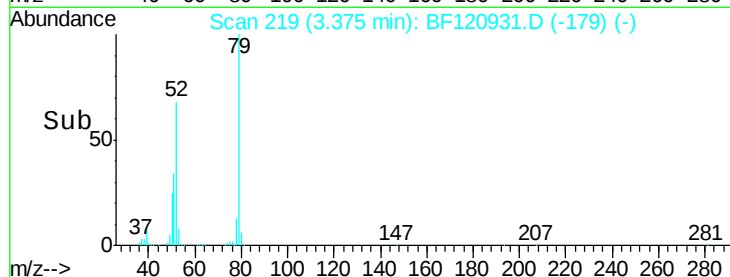
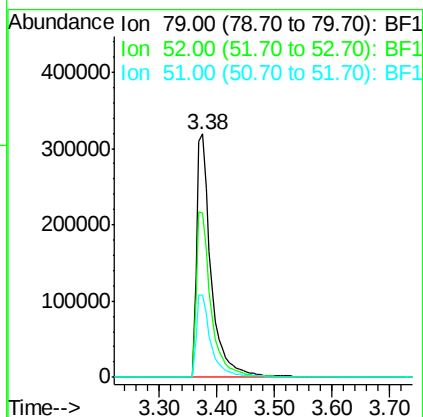
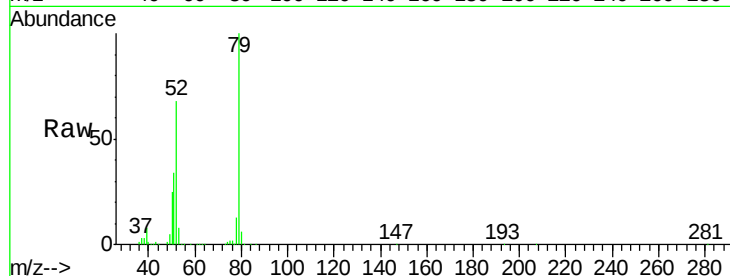
ClientSampleId :

SP5204

Tot Ion:	79	Resp:	560969
Ion	Ratio	Lower	Upper
79	100		
52	67.7	55.0	82.6
51	33.8	26.9	40.3

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#4

n-Nitrosodimethylamine

Concen: 47.032 ng

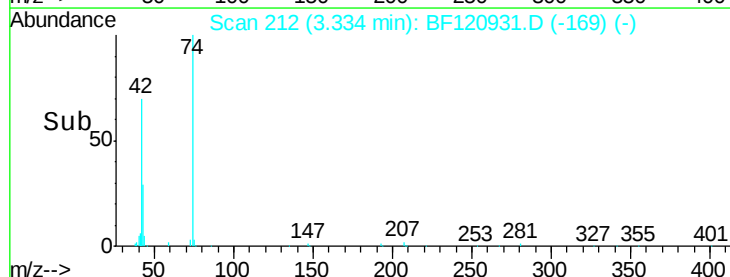
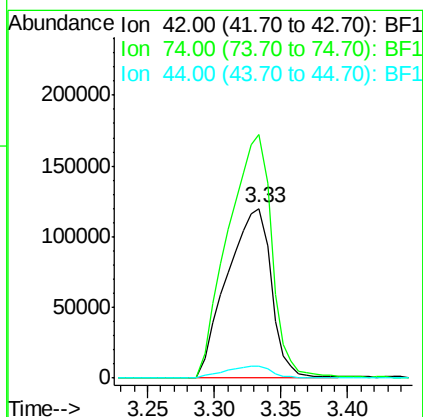
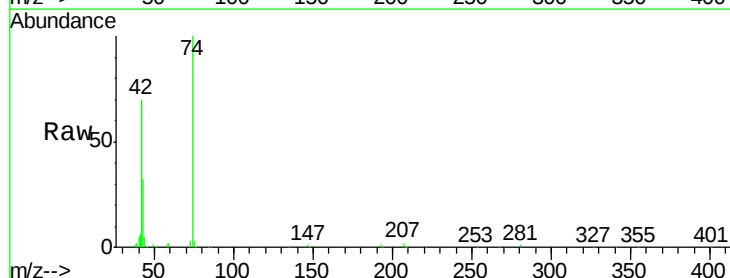
RT: 3.33 min Scan# 212

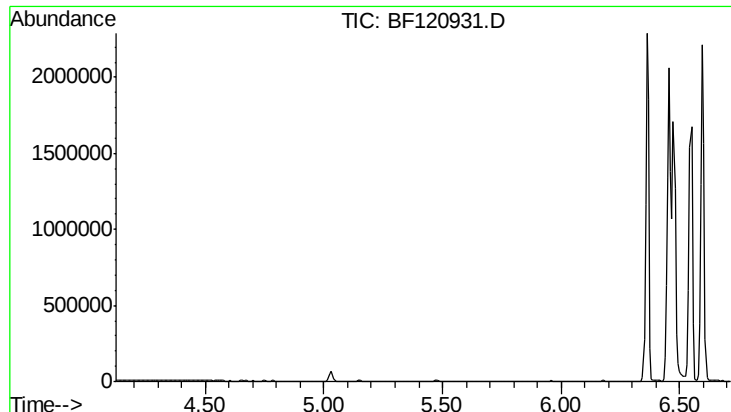
Delta R.T. 0.15 min

Lab File: BF120931.D

Acq: 20 Jul 2020 14:07

Tgt Ion:	42	Resp:	274729
Ion	Ratio	Lower	Upper
42	100		
74	143.2	108.7	163.1
44	6.9	5.2	7.8





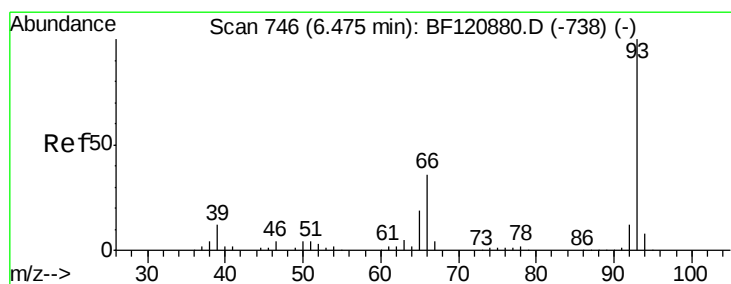
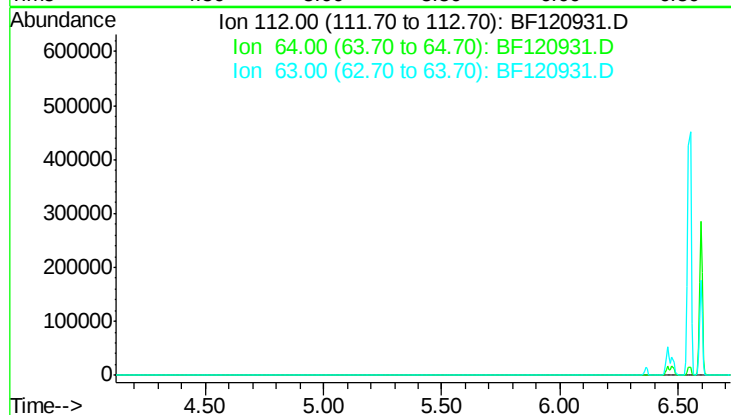
#5
 2-Fluorophenol
 Concen: 0.000 ng
 Expected RT: 5.42 min
 Lab File: BF120931.D
 Acq: 20 Jul 2020 14:07

Tot Ion	112
Exp Ratio	100
64	51.6
63	26.4

Instrument :
 BNA_F
 ClientSampleId :
 SP5204

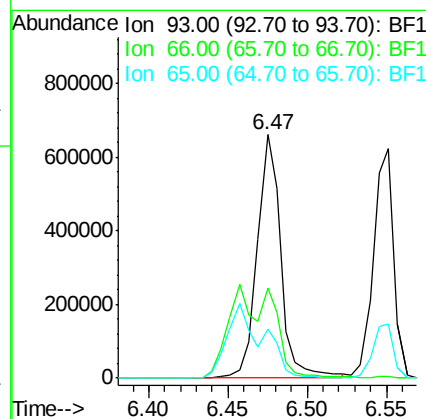
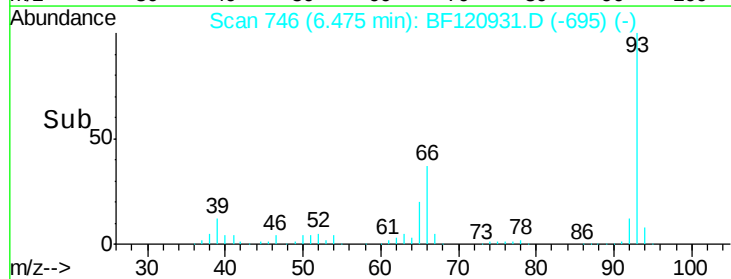
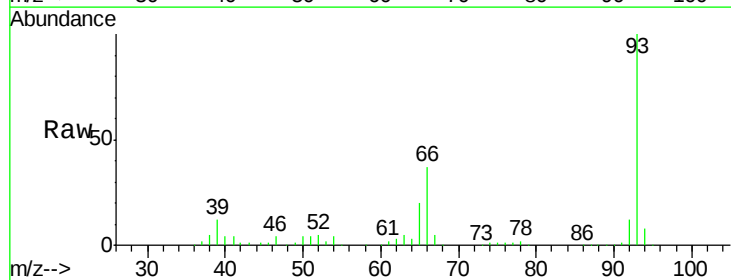
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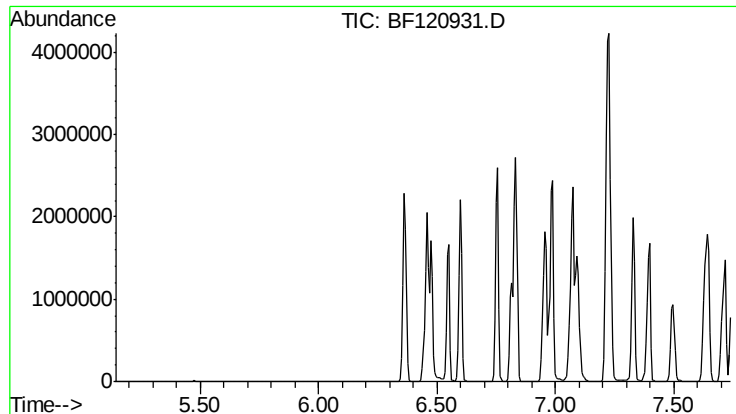
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#6
 Aniline
 Concen: 36.267 ng
 RT: 6.47 min Scan# 746
 Delta R.T. 0.00 min
 Lab File: BF120931.D
 Acq: 20 Jul 2020 14:07

Tgt Ion	93	Resp	682331
Ion Ratio	100	Lower	Upper
93	100		
66	37.2	30.2	45.4
65	20.1	15.8	23.6





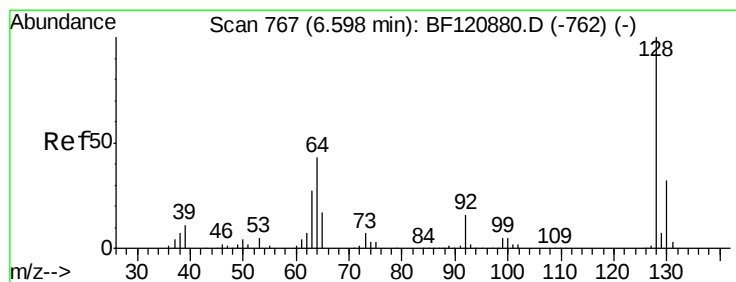
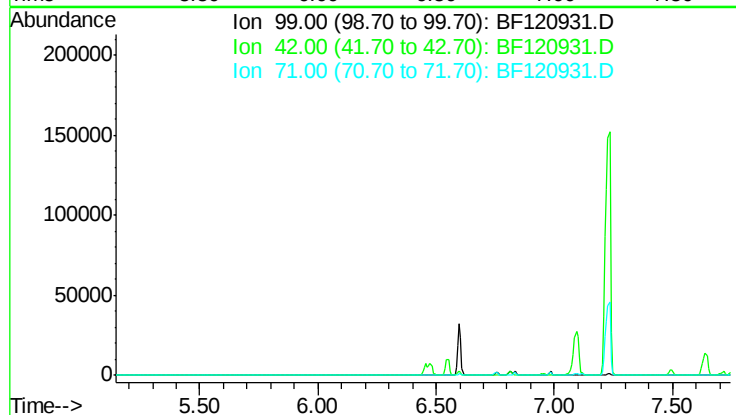
#7
 Phenol-d6
 Concen: 0.000 ng
 Expected RT: 6.45 min
 Lab File: BF120931.D
 Acq: 20 Jul 2020 14:07

Instrument :
 BNA_F
 ClientSampleId :
 SP5204

Tot Ion	99
Sig	Exp Ratio
99	100
42	16.4
71	30.3

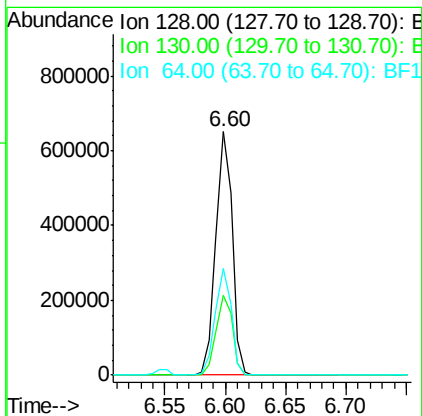
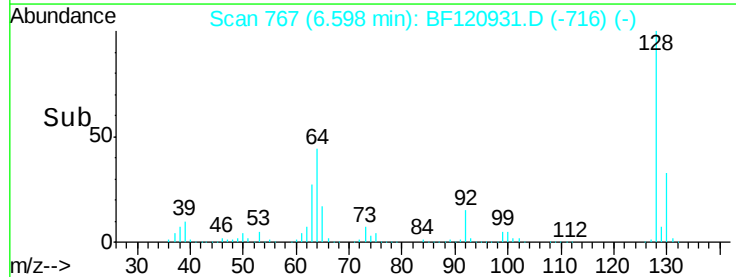
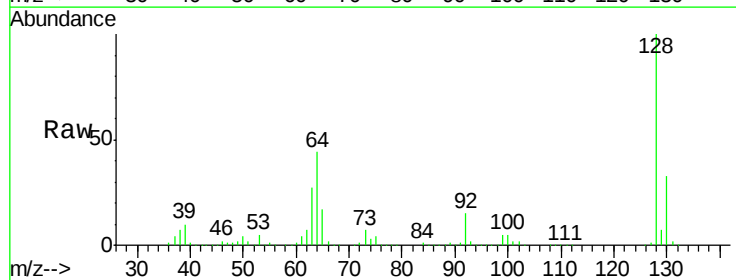
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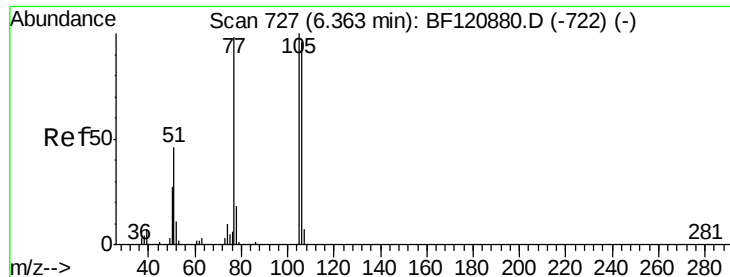
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#8
 2-Chlorophenol
 Concen: 49.110 ng
 RT: 6.60 min Scan# 767
 Delta R.T. 0.00 min
 Lab File: BF120931.D
 Acq: 20 Jul 2020 14:07

Tgt Ion	128	Resp	603648
Ion Ratio	Lower	Upper	
128	100		
130	32.5	12.1	52.1
64	43.7	24.0	64.0





#9

Benzaldehyde

Concen: 85.645 ng

RT: 6.36 min Scan# 727

Delta R.T. 0.00 min

Lab File: BF120931.D

Acq: 20 Jul 2020 14:07

Instrument :

BNA_F

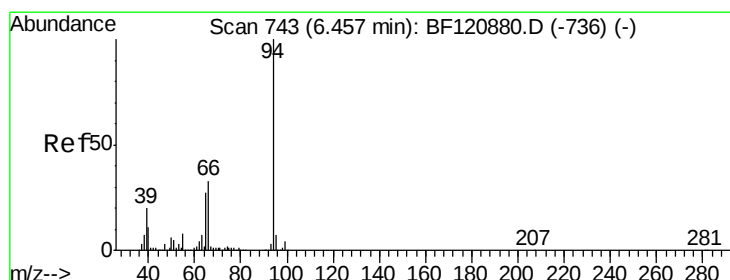
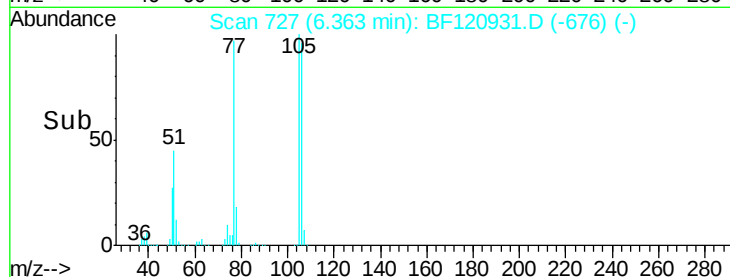
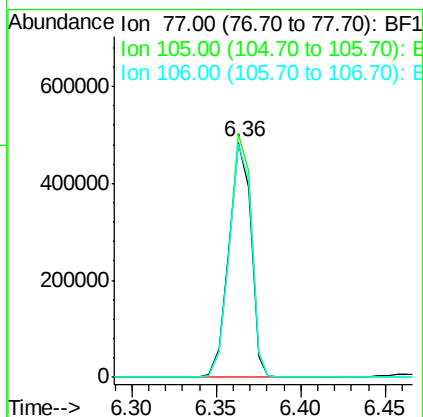
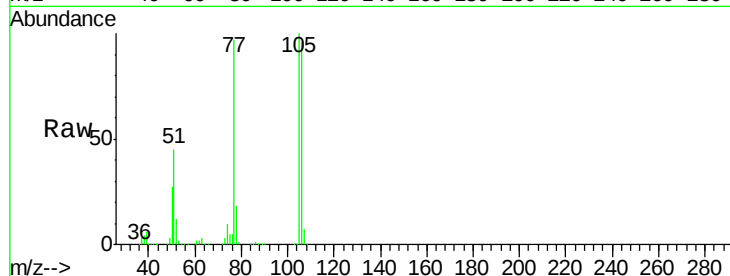
ClientSampleId :

SP5204

Tot Ion:	77	Resp:	438062
Ion Ratio	Lower	Upper	
77	100		
105	103.6	82.5	122.5
106	99.1	78.7	118.7

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#10

Phenol

Concen: 48.394 ng

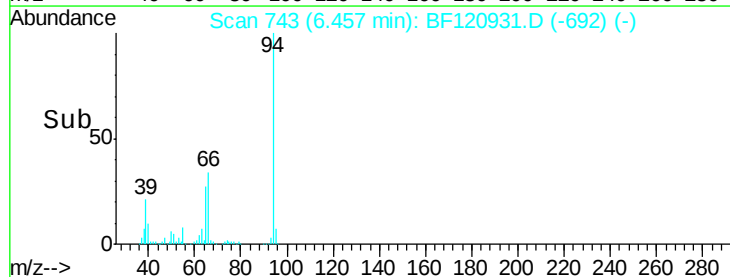
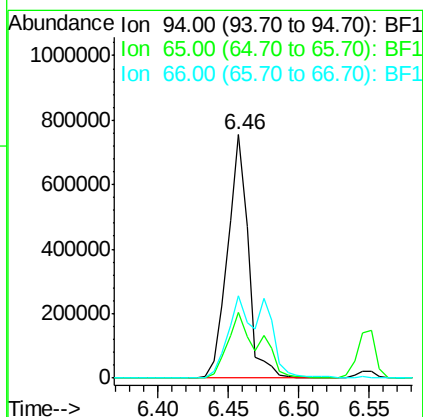
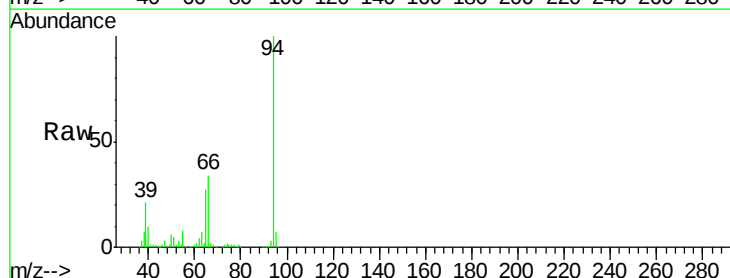
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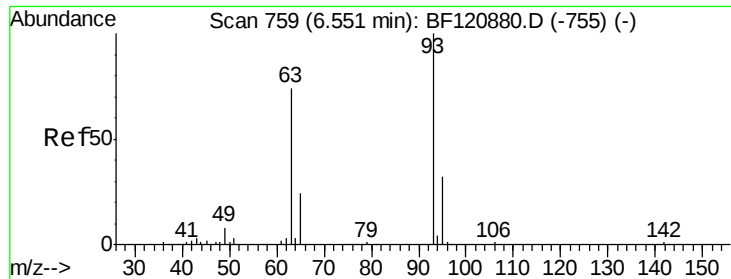
Delta R.T. 0.00 min

Lab File: BF120931.D

Acq: 20 Jul 2020 14:07

Tgt Ion:	94	Resp:	767270
Ion Ratio	Lower	Upper	
94	100		
65	27.1	6.6	46.6
66	33.7	13.2	53.2





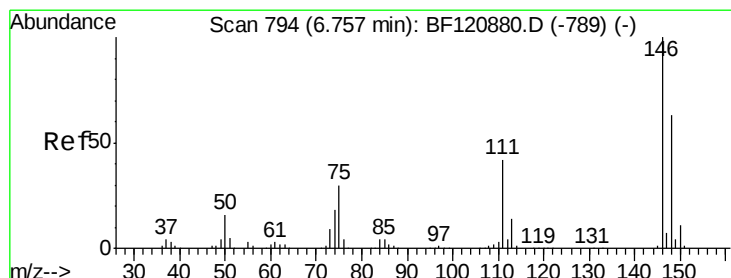
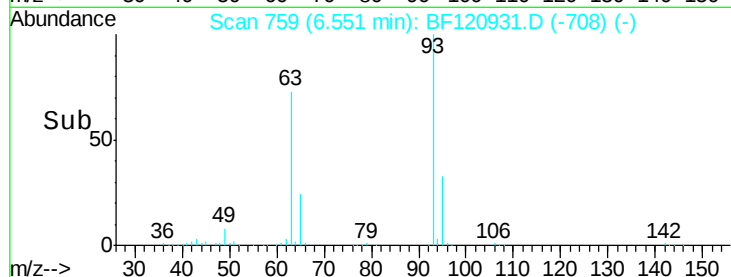
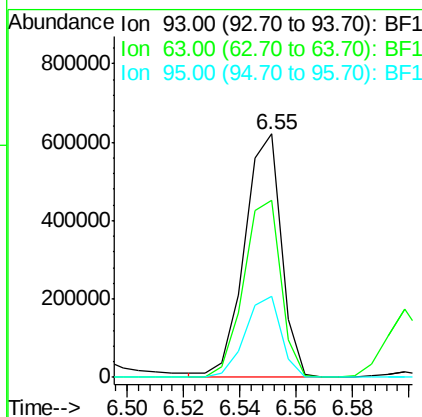
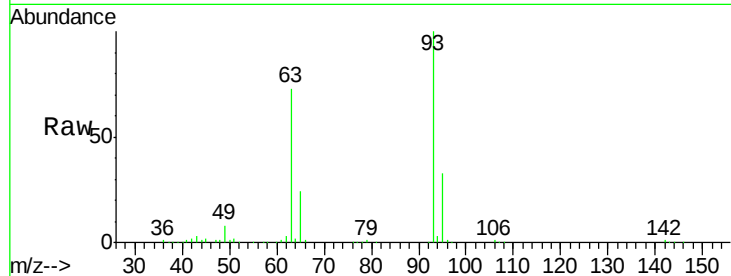
#11
bis(2-Chloroethyl)ether
Concen: 45.989 ng
RT: 6.55 min Scan# 759
Delta R.T. 0.00 min
Lab File: BF120931.D
Acq: 20 Jul 2020 14:07

Instrument :
BNA_F
ClientSampleId :
SP5204

Tot Ion	Ratio	Resp	Lower	Upper
93	100	558811		
63	72.6		54.2	94.2
95	33.4		12.2	52.2

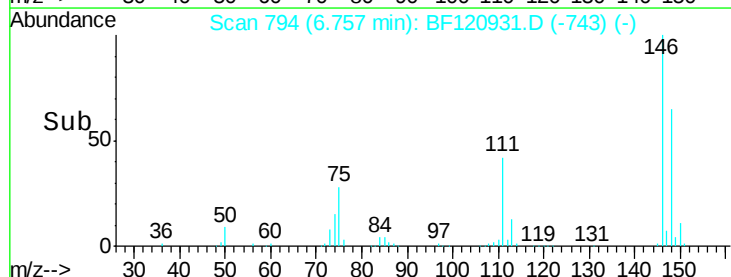
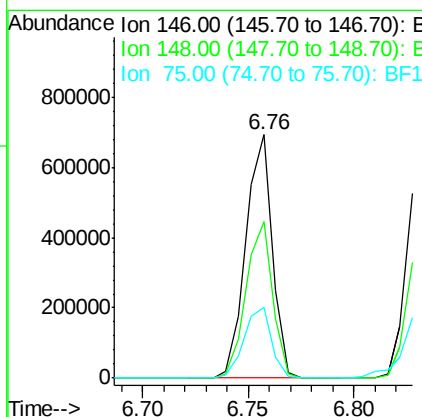
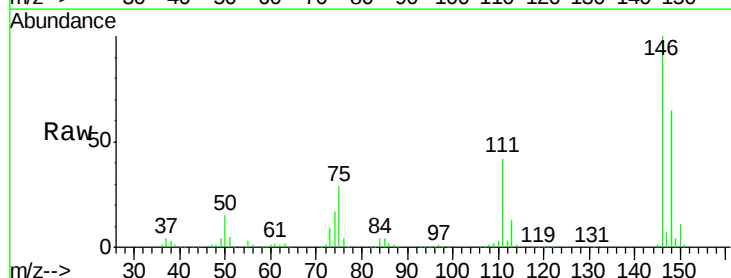
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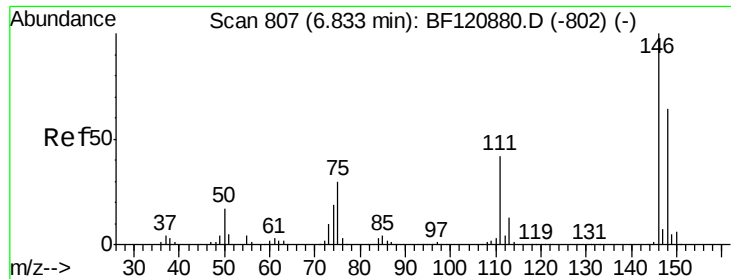
mohammad
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#12
1,3-Dichlorobenzene
Concen: 45.276 ng
RT: 6.76 min Scan# 794
Delta R.T. 0.00 min
Lab File: BF120931.D
Acq: 20 Jul 2020 14:07

Tgt Ion	Ratio	Resp	Lower	Upper
146	100	603465		
148	64.5		50.6	75.8
75	29.0		24.1	36.1





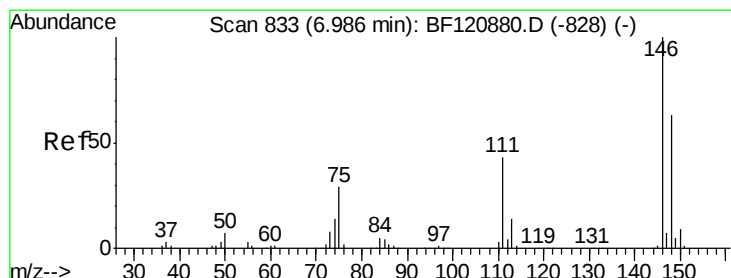
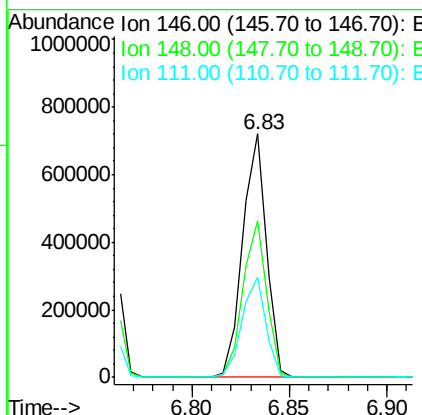
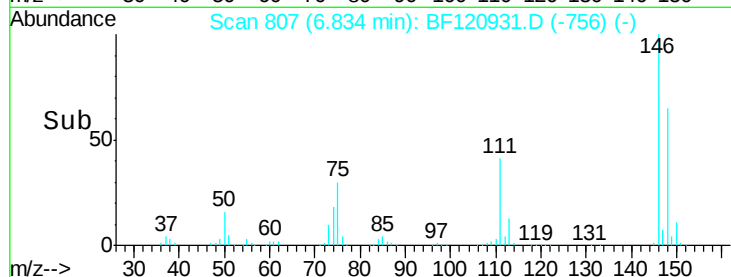
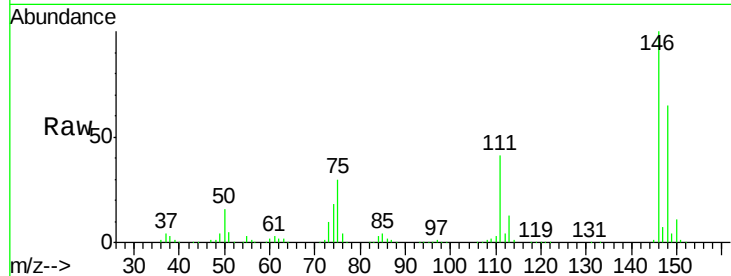
#13
 1,4-Dichlorobenzene
 Concen: 45.939 ng
 RT: 6.83 min Scan# 807
 Delta R.T. 0.00 min
 Lab File: BF120931.D
 Acq: 20 Jul 2020 14:07

Instrument :
 BNA_F
 ClientSampled :
 SP5204

Tot Ion	Ratio	Lower	Upper
146	100		
148	64.5	51.6	77.4
111	41.1	33.5	50.3

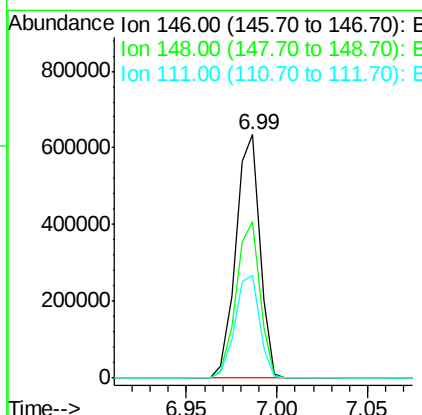
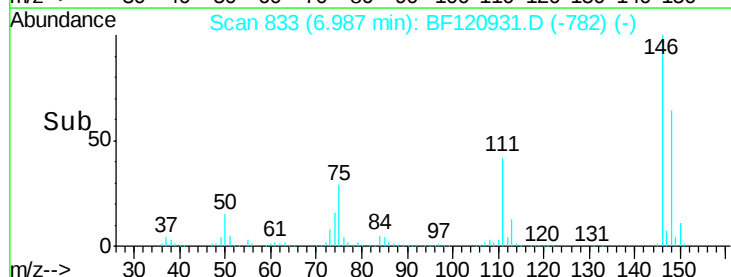
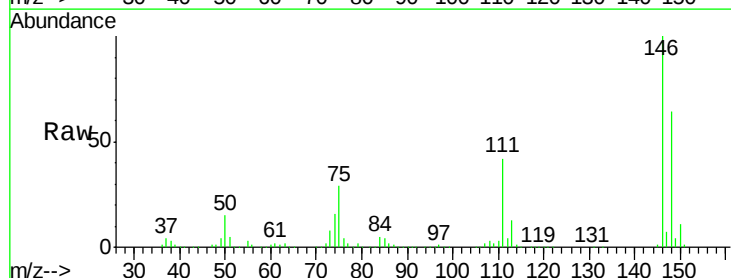
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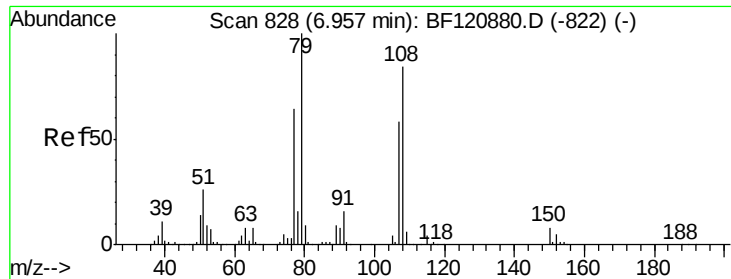
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#14
 1,2-Dichlorobenzene
 Concen: 46.747 ng
 RT: 6.99 min Scan# 833
 Delta R.T. 0.00 min
 Lab File: BF120931.D
 Acq: 20 Jul 2020 14:07

Tgt Ion	Ratio	Lower	Upper
146	100		
148	64.1	50.6	76.0
111	42.2	34.2	51.2





#15

Benzyl Alcohol

Concen: 47.664 ng

RT: 6.96 min Scan# 828

Delta R.T. 0.00 min

Lab File: BF120931.D

Acq: 20 Jul 2020 14:07

Instrument :

BNA_F

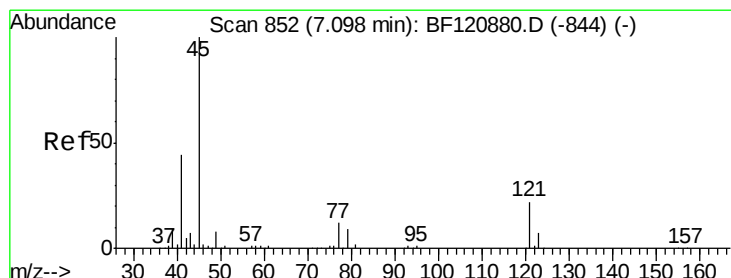
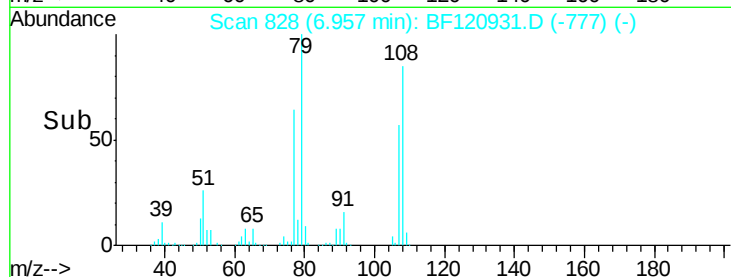
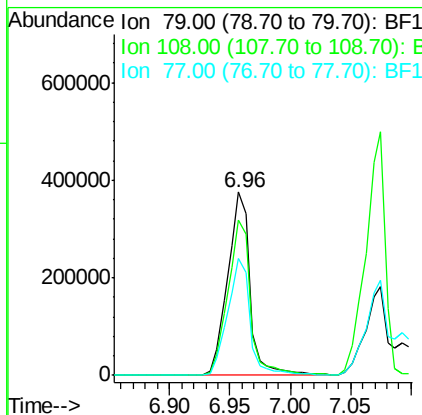
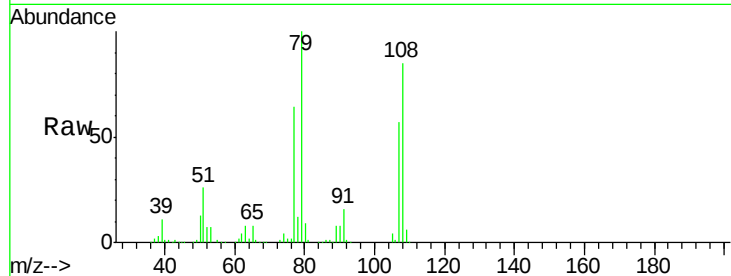
ClientSampled :

SP5204

Tot Ion:	79	Resp:	485828
Ion	Ratio	Lower	Upper
79	100		
108	84.7	67.0	100.6
77	64.1	51.0	76.4

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#16

2,2'-oxybis(1-chloropropane)

Concen: 45.464 ng

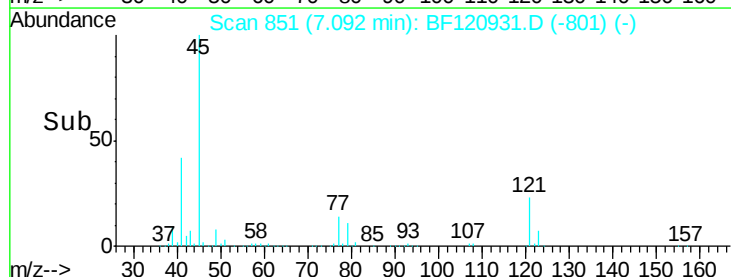
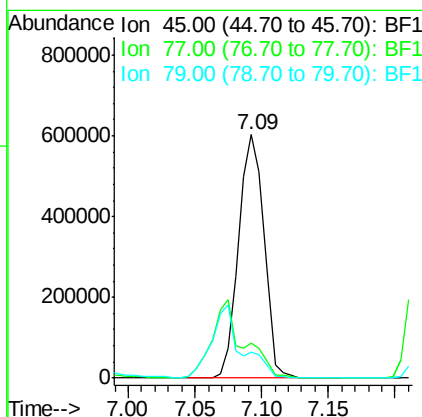
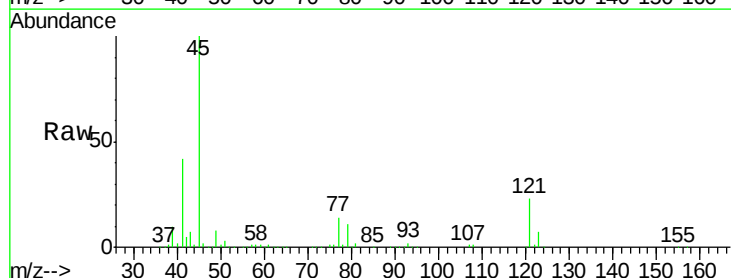
RT: 7.09 min Scan# 851

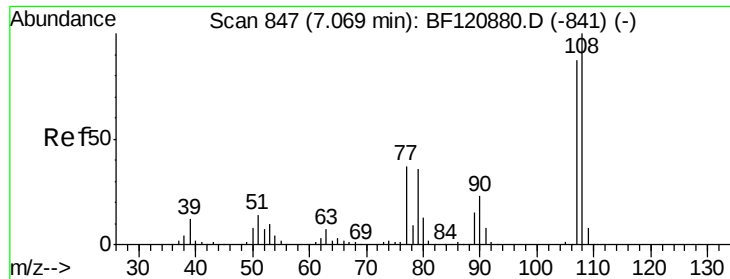
Delta R.T. -0.01 min

Lab File: BF120931.D

Acq: 20 Jul 2020 14:07

Tgt Ion:	45	Resp:	796241
Ion	Ratio	Lower	Upper
45	100		
77	14.4	0.0	34.3
79	10.9	0.0	31.0





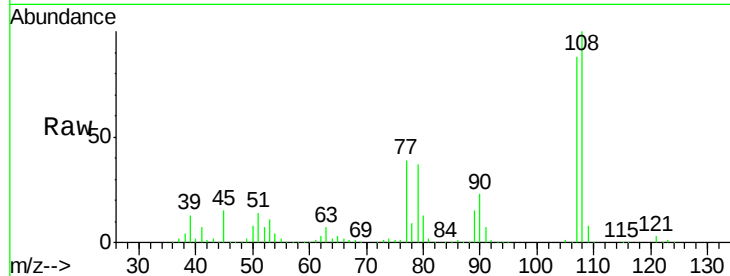
#17
2-Methylphenol
Concen: 43.864 ng
RT: 7.07 min Scan# 848
Delta R.T. 0.01 min
Lab File: BF120931.D
Acq: 20 Jul 2020 14:07

Instrument :
BNA_F
ClientSampleId :
SP5204

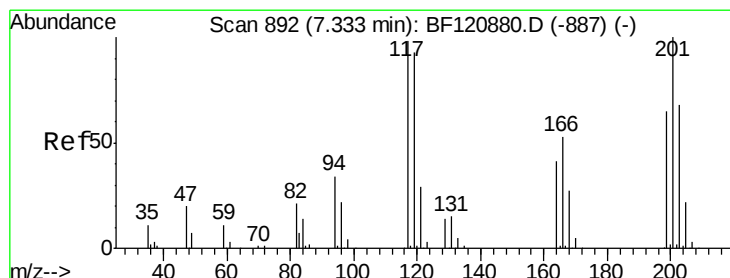
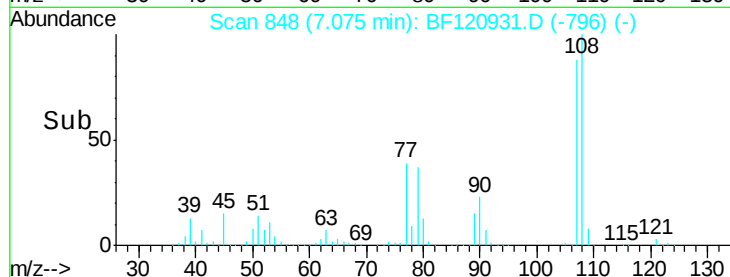
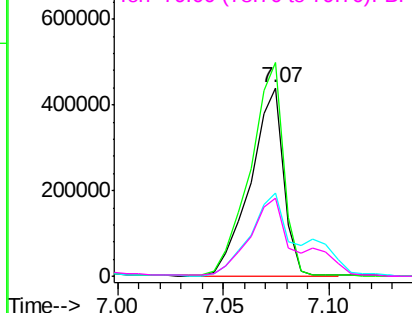
Tot Ion	Ion	Ratio	Resp	Lower	Upper
107	100				
108	113.4	92.0	138.0		
77	44.1	34.0	51.0		
79	41.4	33.3	49.9		

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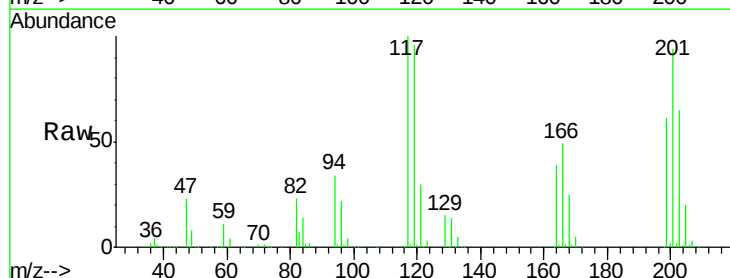


Abundance Ion 107.00 (106.70 to 107.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 77.00 (76.70 to 77.70): BF1
Ion 79.00 (78.70 to 79.70): BF1

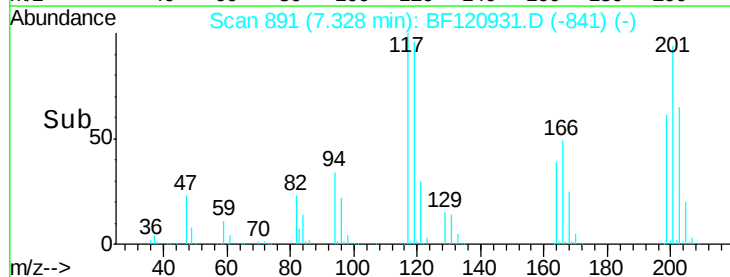
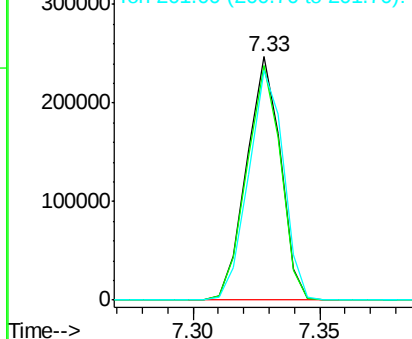


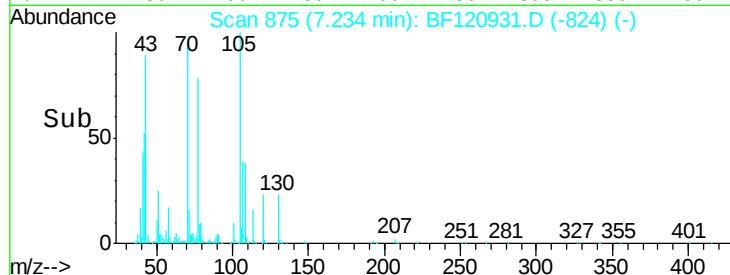
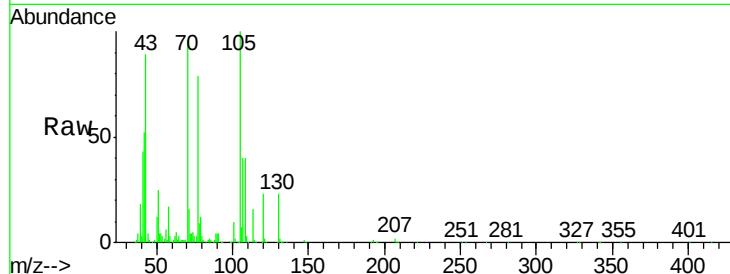
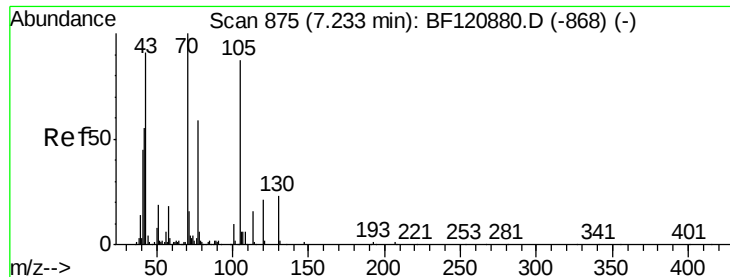
#18
Hexachloroethane
Concen: 47.945 ng
RT: 7.33 min Scan# 891
Delta R.T. -0.01 min
Lab File: BF120931.D
Acq: 20 Jul 2020 14:07

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
117	100				
119	96.2	76.0	114.0		
201	94.3	81.7	122.5		



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





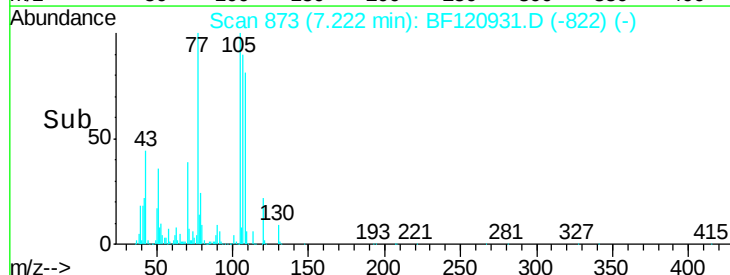
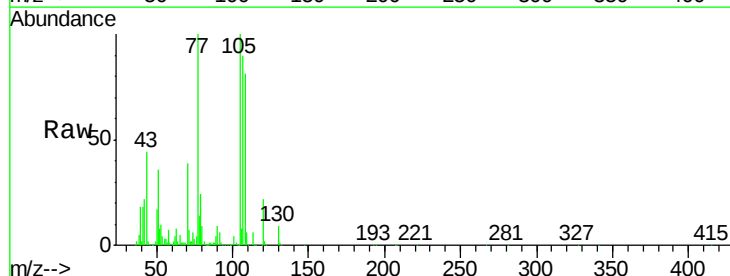
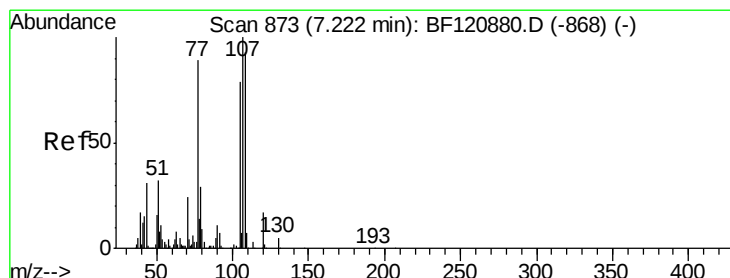
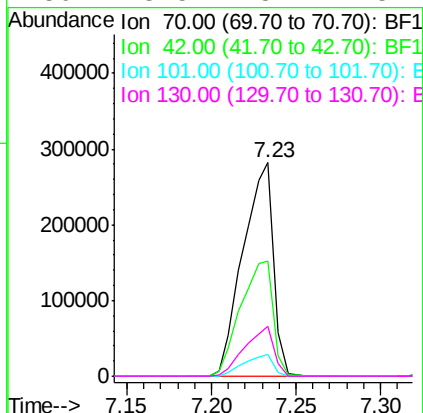
#19
n-Nitroso-di-n-propylamine
Concen: 43.252 ng
RT: 7.23 min Scan# 875
Delta R.T. 0.00 min
Lab File: BF120931.D
Acq: 20 Jul 2020 14:07

Instrument :
BNA_F
ClientSampleId :
SP5204

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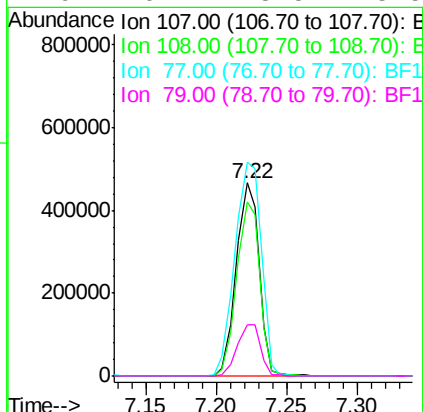
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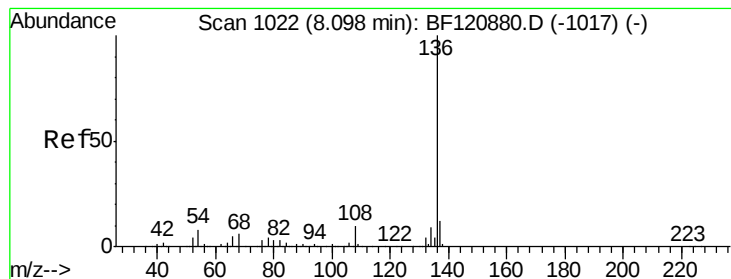
Tot Ion	Ratio	Lower	Upper
70	100		
42	53.9	44.0	66.0
101	9.9	7.8	11.6
130	23.5	18.7	28.1



#20
3+4-Methylphenols
Concen: 37.787 ng
RT: 7.22 min Scan# 873
Delta R.T. 0.00 min
Lab File: BF120931.D
Acq: 20 Jul 2020 14:07

Tgt Ion	Ratio	Lower	Upper
107	100		
108	90.0	72.8	112.8
77	110.7	68.7	108.7#
79	26.4	8.5	48.5





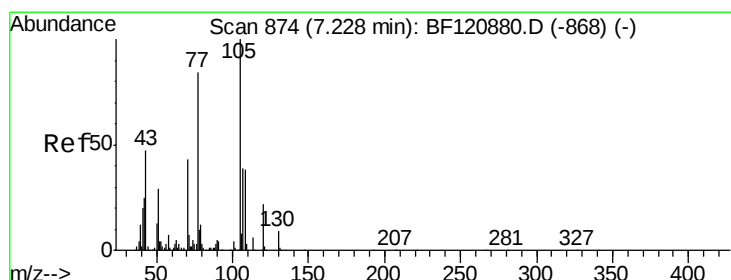
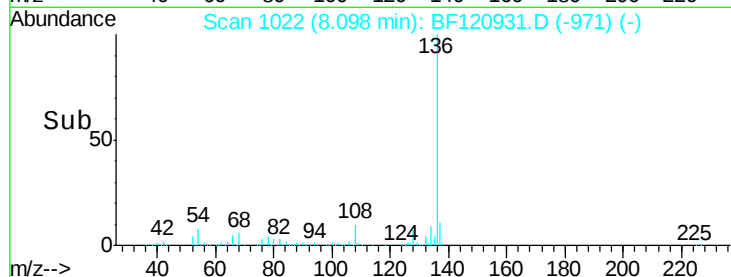
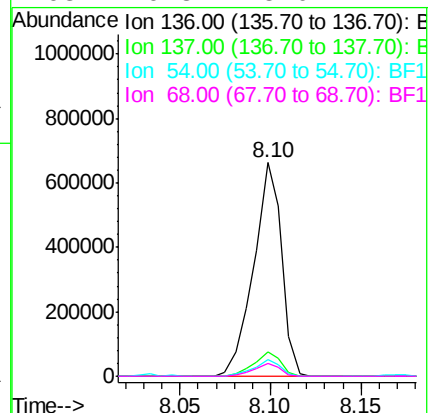
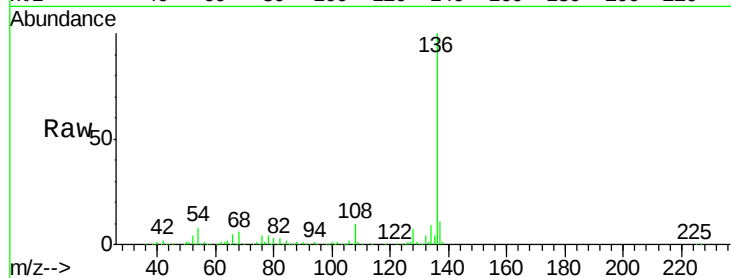
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.10 min Scan# 1022
Delta R.T. 0.00 min
Lab File: BF120931.D
Acq: 20 Jul 2020 14:07

Instrument :
BNA_F
ClientSampleId :
SP5204

Tot Ion	Ratio	Resp	Lower	Upper
136	100	710269		
137	11.2	9.3	13.9	
54	7.5	6.3	9.5	
68	6.3	5.0	7.4	

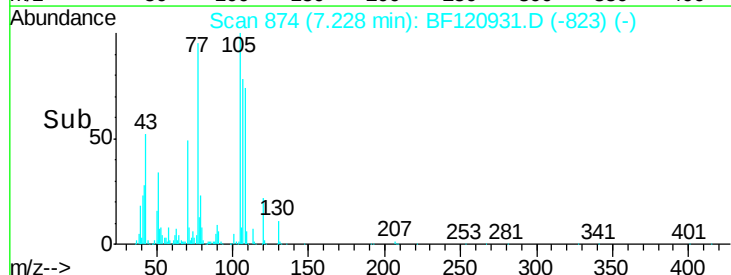
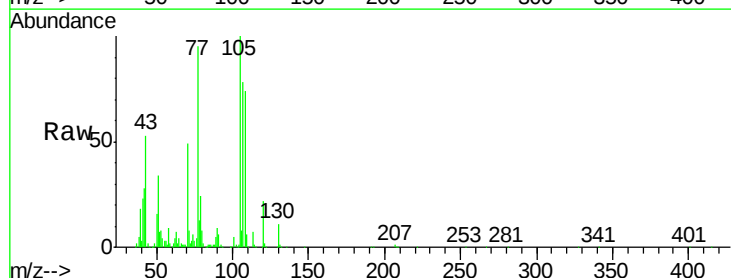
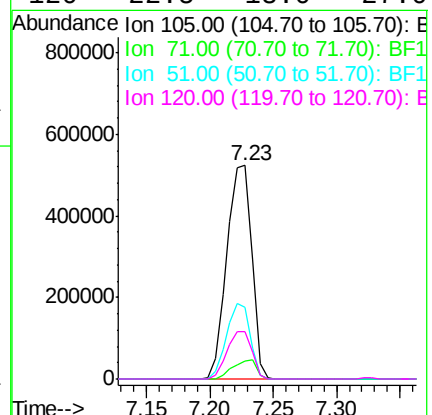
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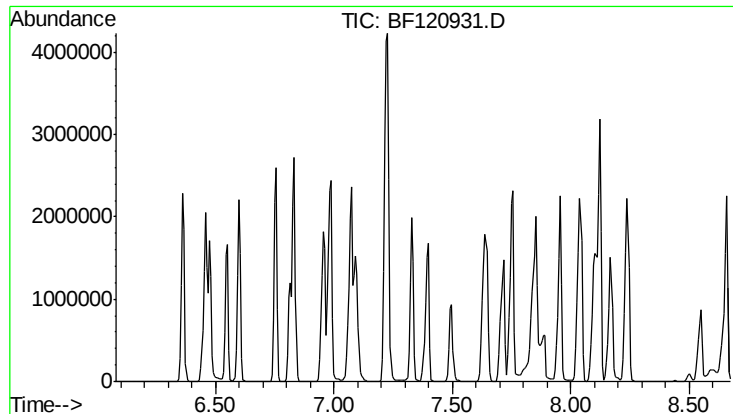
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#22
Acetophenone
Concen: 44.869 ng
RT: 7.23 min Scan# 874
Delta R.T. 0.00 min
Lab File: BF120931.D
Acq: 20 Jul 2020 14:07

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	715234		
71	8.3	5.7	8.5	
51	33.8	22.9	34.3	
120	22.5	18.0	27.0	





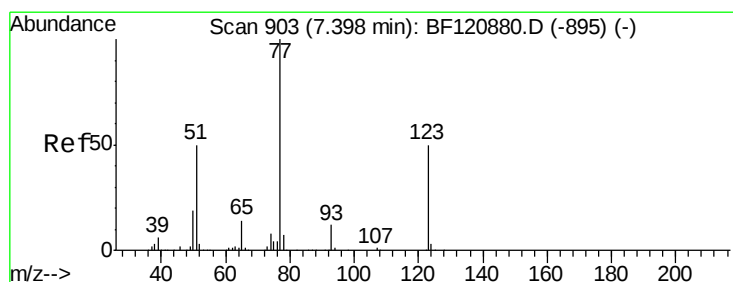
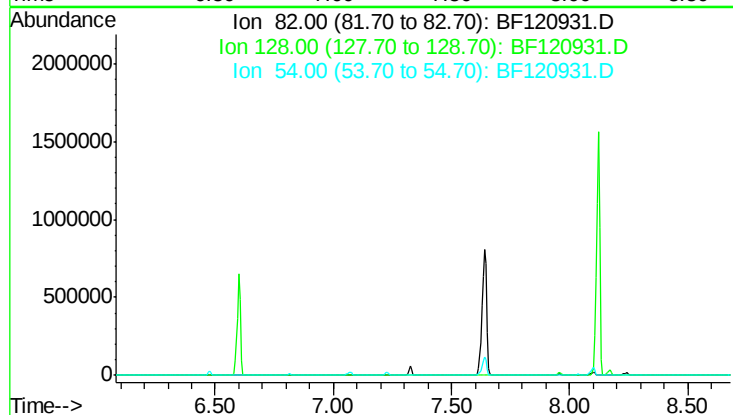
#23
 Nitrobenzene-d5
 Concen: 0.000 ng
 Expected RT: 7.38 min
 Lab File: BF120931.D
 Acq: 20 Jul 2020 14:07

Tot Ion	82
Sig	Exp Ratio
82	100
128	47.8
54	48.4

Instrument :
 BNA_F
 ClientSampleId :
 SP5204

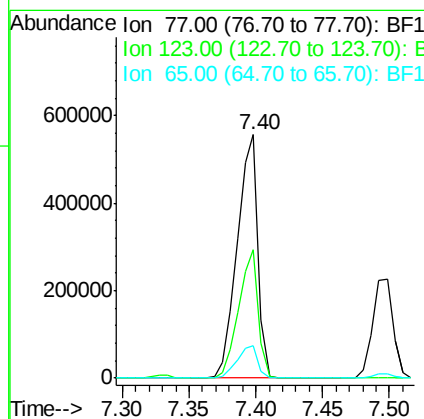
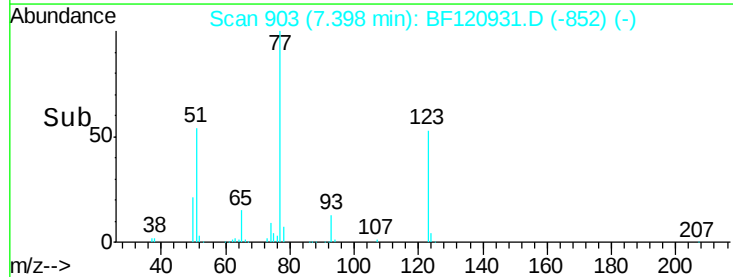
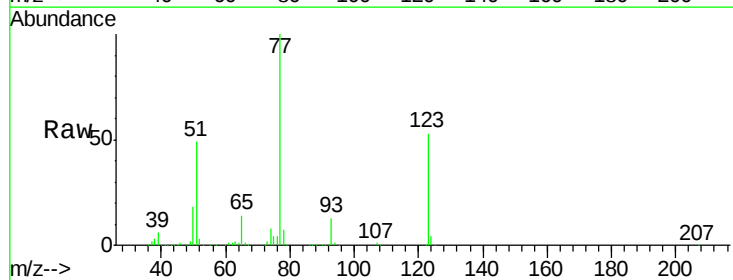
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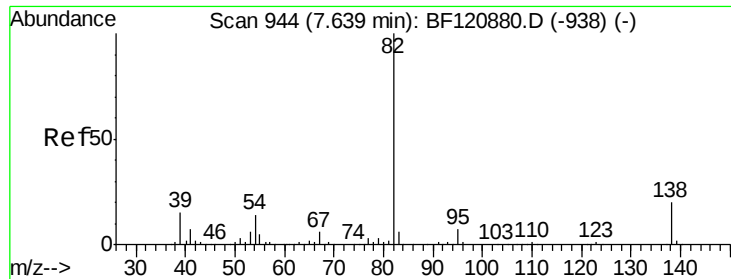
mohammad
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#24
 Nitrobenzene
 Concen: 45.362 ng
 RT: 7.40 min Scan# 903
 Delta R.T. 0.00 min
 Lab File: BF120931.D
 Acq: 20 Jul 2020 14:07

Tgt Ion	77	Resp	600140
Ion	Ratio	Lower	Upper
77	100		
123	52.5	40.1	60.1
65	13.5	10.8	16.2





#25

Isophorone

Concen: 45.892 ng

RT: 7.64 min Scan# 944

Delta R.T. 0.00 min

Lab File: BF120931.D

Acq: 20 Jul 2020 14:07

Instrument :

BNA_F

ClientSampleId :

SP5204

Tot Ion: 82 Resp: 1124261

Ion Ratio Lower Upper

82 100

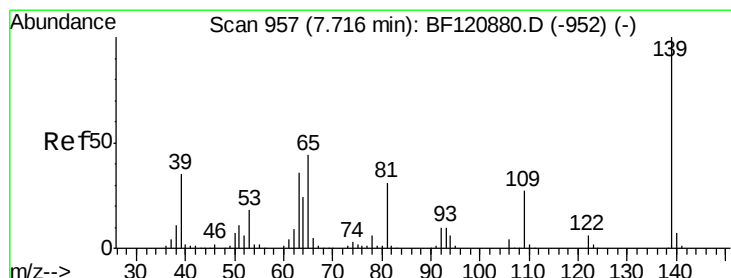
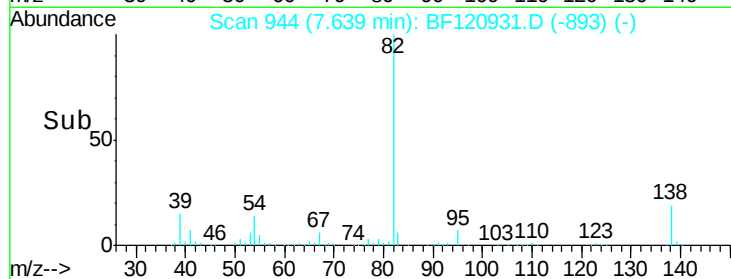
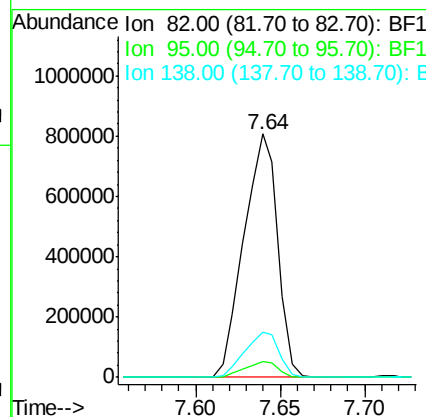
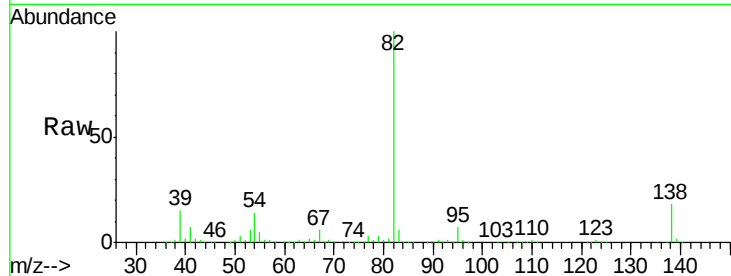
95 6.6 5.5 8.3

138 18.5 15.6 23.4

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#26

2-Nitrophenol

Concen: 51.263 ng

RT: 7.72 min Scan# 957

Delta R.T. 0.00 min

Lab File: BF120931.D

Acq: 20 Jul 2020 14:07

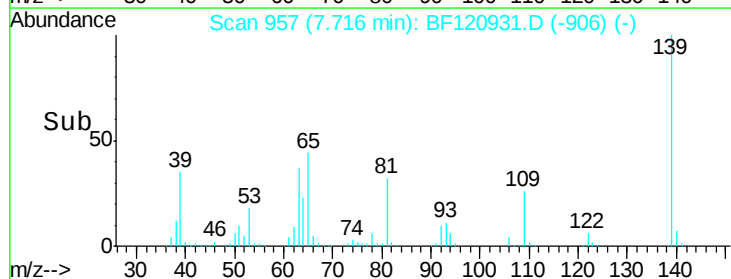
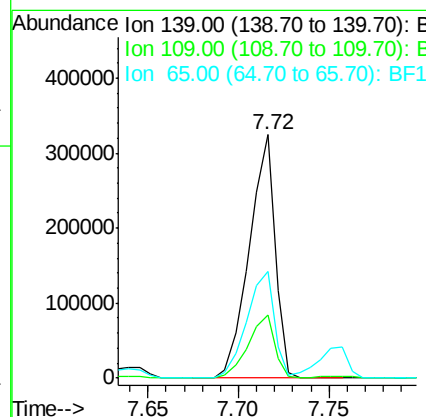
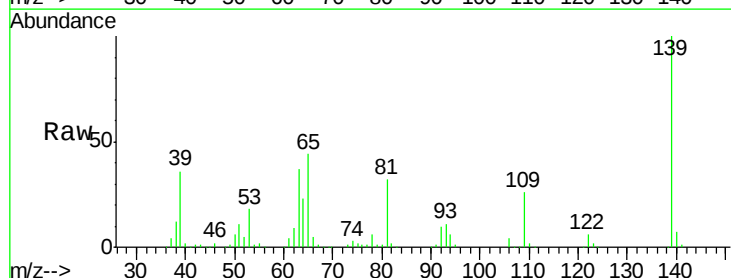
Tgt Ion: 139 Resp: 322103

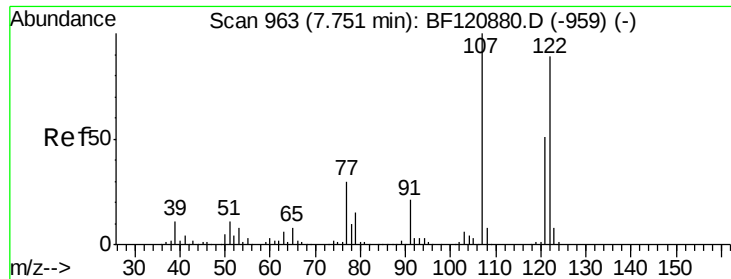
Ion Ratio Lower Upper

139 100

109 26.1 21.6 32.4

65 43.6 35.3 52.9





#27

2,4-Dimethylphenol

Concen: 51.988 ng

RT: 7.76 min Scan# 964

Delta R.T. 0.01 min

Lab File: BF120931.D

Acq: 20 Jul 2020 14:07

Instrument :

BNA_F

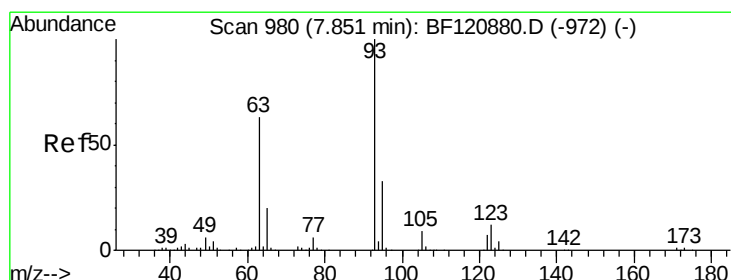
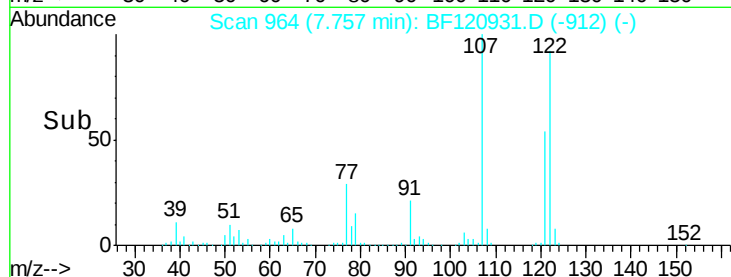
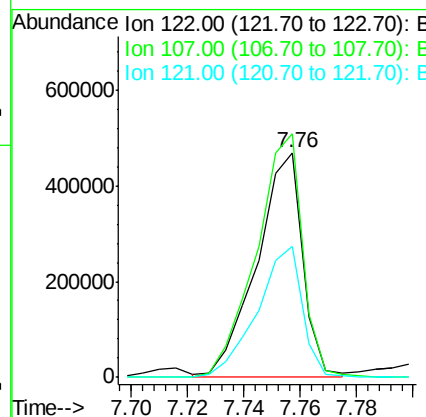
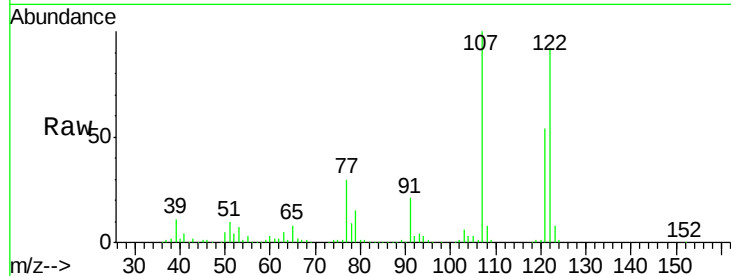
ClientSampleId :

SP5204

Tot Ion:	122	Resp:	530370
Ion Ratio	Lower	Upper	
122	100		
107	108.4	89.4	134.0
121	58.2	46.0	69.0

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#28

bis(2-Chloroethoxy)methane

Concen: 47.681 ng

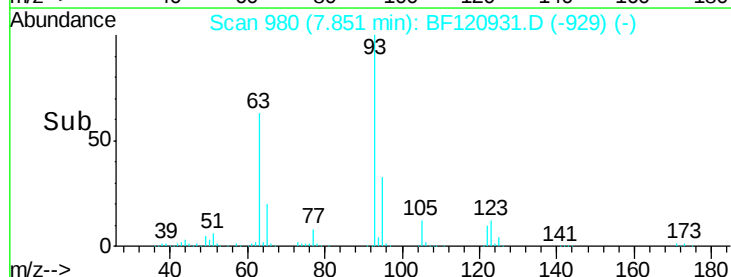
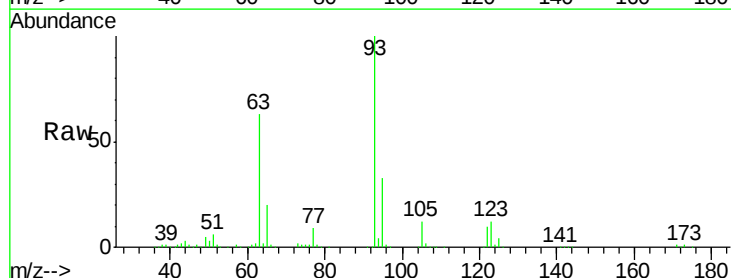
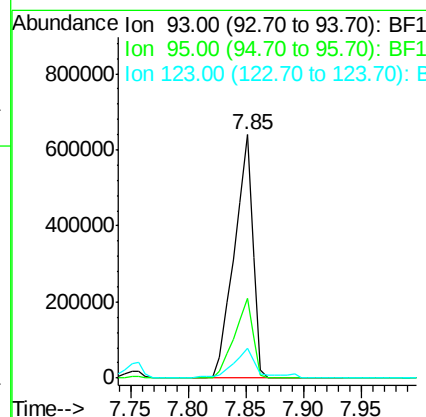
RT: 7.85 min Scan# 980

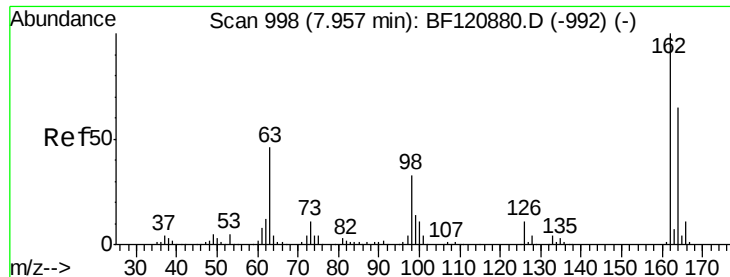
Delta R.T. 0.00 min

Lab File: BF120931.D

Acq: 20 Jul 2020 14:07

Tgt Ion:	93	Resp:	713026
Ion Ratio	Lower	Upper	
93	100		
95	32.8	26.6	39.8
123	12.2	10.0	15.0





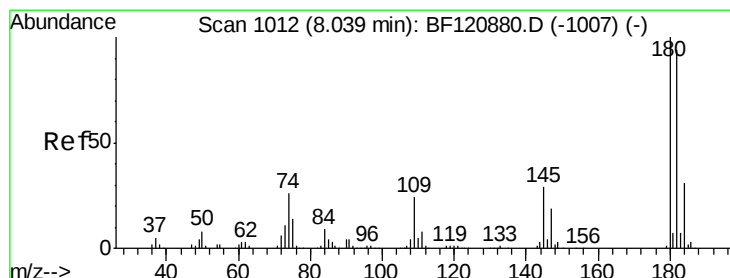
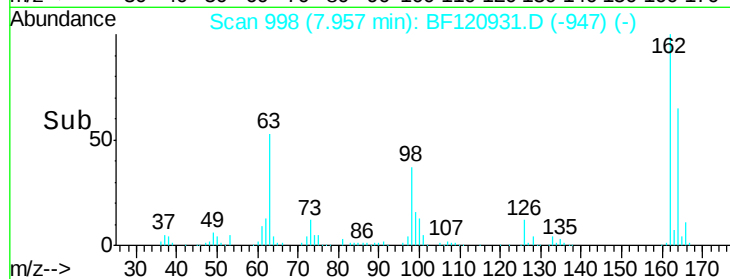
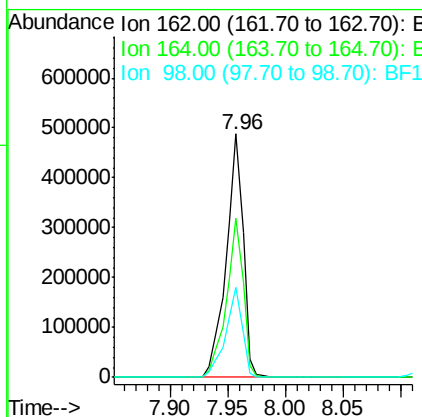
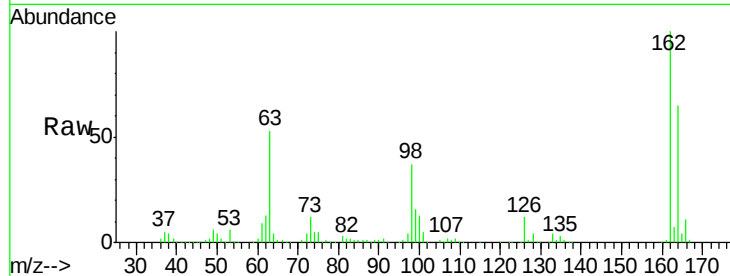
#29
2,4-Dichlorophenol
Concen: 47.793 ng
RT: 7.96 min Scan# 998
Delta R.T. 0.00 min
Lab File: BF120931.D
Acq: 20 Jul 2020 14:07

Instrument :
BNA_F
ClientSampled :
SP5204

Tot Ion	Ratio	Resp Lower	Upper
162	100		
164	65.1	45.3	85.3
98	36.9	13.3	53.3

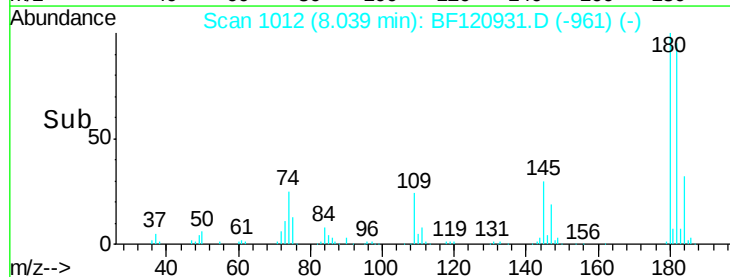
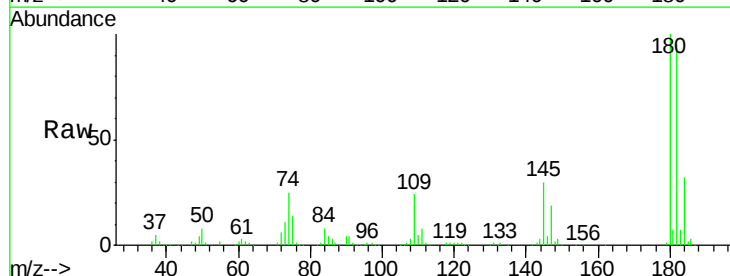
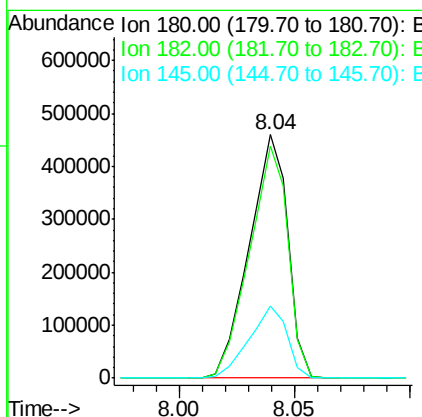
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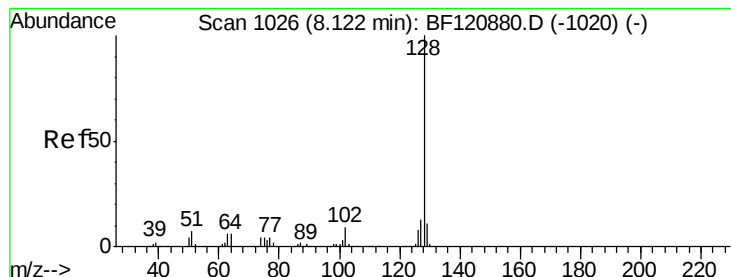
mohammad
7/21/2020 11:32:34 AM



#30
1,2,4-Trichlorobenzene
Concen: 46.170 ng
RT: 8.04 min Scan# 1012
Delta R.T. 0.00 min
Lab File: BF120931.D
Acq: 20 Jul 2020 14:07

Tgt Ion	Ratio	Resp Lower	Upper
180	100		
182	95.3	75.0	112.6
145	29.8	23.5	35.3





#31

Naphthalene

Concen: 45.077 ng

RT: 8.12 min Scan# 1026

Delta R.T. 0.00 min

Lab File: BF120931.D

Acq: 20 Jul 2020 14:07

Instrument :

BNA_F

ClientSampleId :

SP5204

Tot Ion:128 Resp: 1642326

Ion Ratio Lower Upper

128 100

129 11.6 9.1 13.7

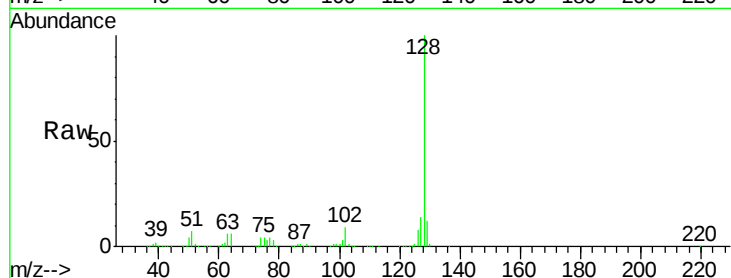
127 13.8 10.7 16.1

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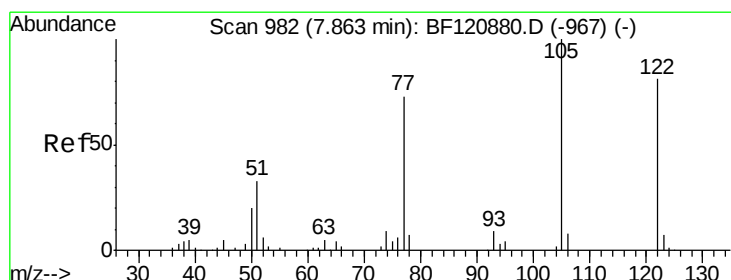
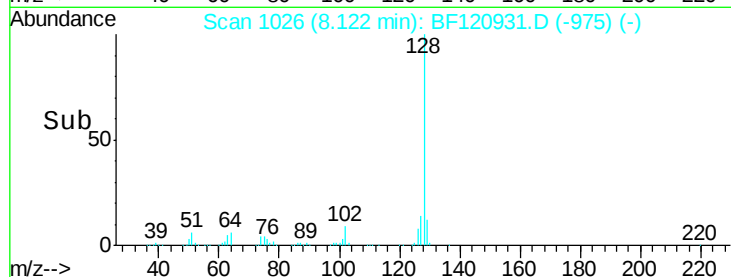
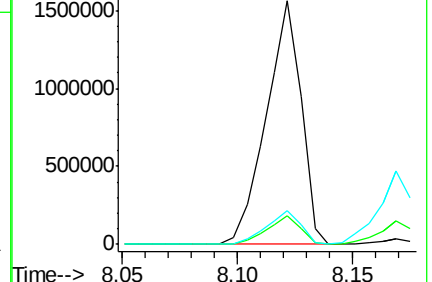
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Abundance Ion 128.00 (127.70 to 128.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 127.00 (126.70 to 127.70): E



#32

Benzoic acid

Concen: 56.319 ng

RT: 7.89 min Scan# 987

Delta R.T. 0.03 min

Lab File: BF120931.D

Acq: 20 Jul 2020 14:07

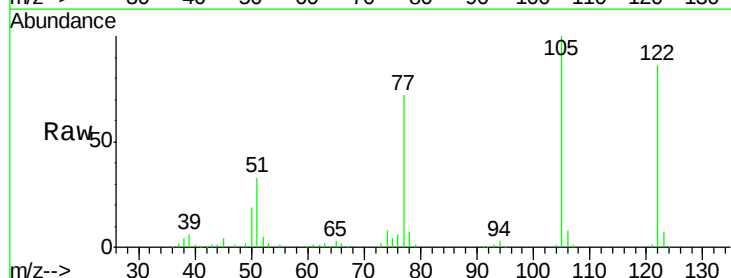
Tgt Ion:122 Resp: 431293

Ion Ratio Lower Upper

122 100

105 115.8 101.3 141.3

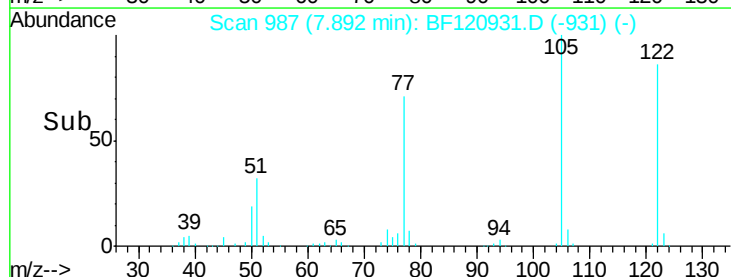
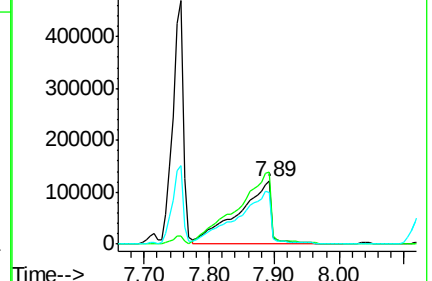
77 83.3 69.1 109.1

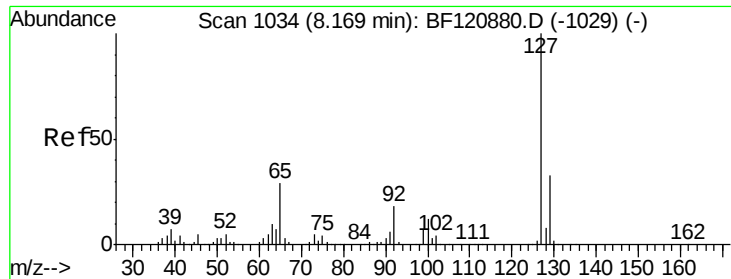


Abundance Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BF1





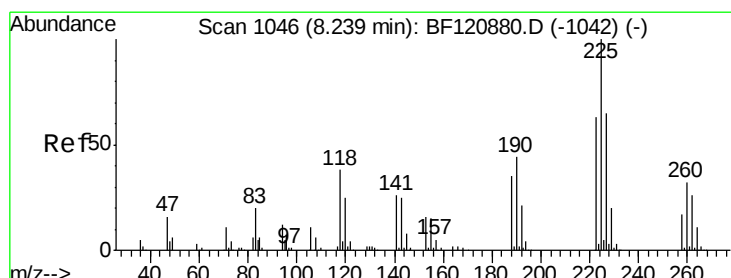
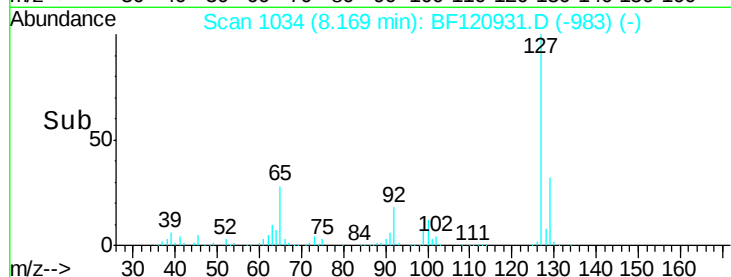
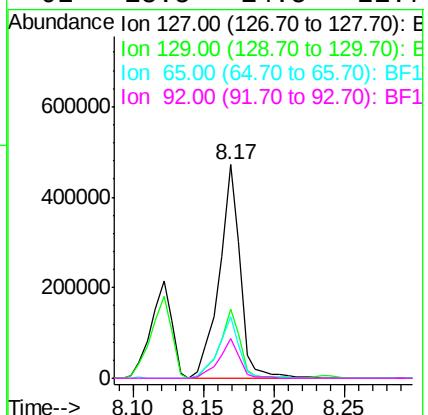
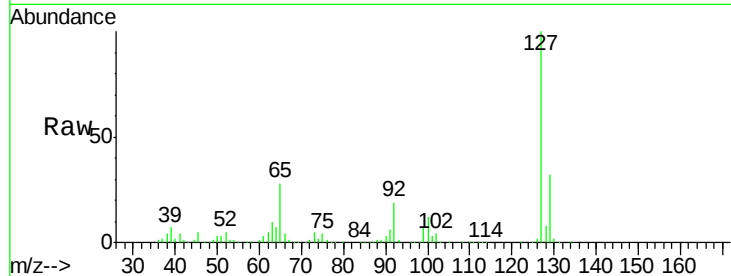
#33
4-Chloroaniline
Concen: 29.685 ng
RT: 8.17 min Scan# 1034
Delta R.T. 0.00 min
Lab File: BF120931.D
Acq: 20 Jul 2020 14:07

Instrument :
BNA_F
ClientSampleId :
SP5204

Tot Ion	Ratio	Resp	Lower	Upper
127	100			
129	32.2	26.5	39.7	
65	28.5	23.0	34.4	
92	18.5	14.5	21.7	

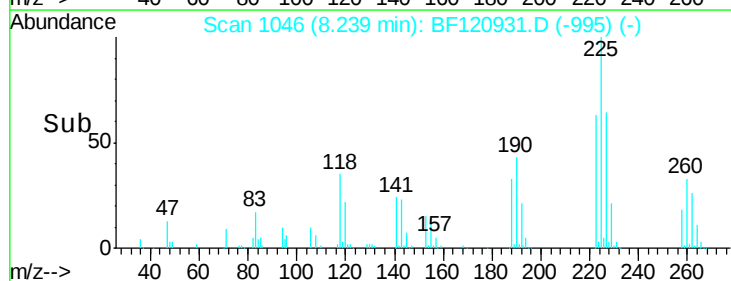
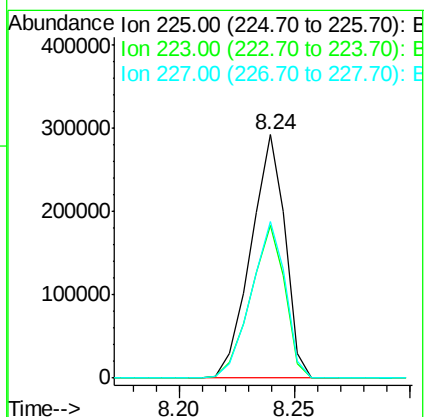
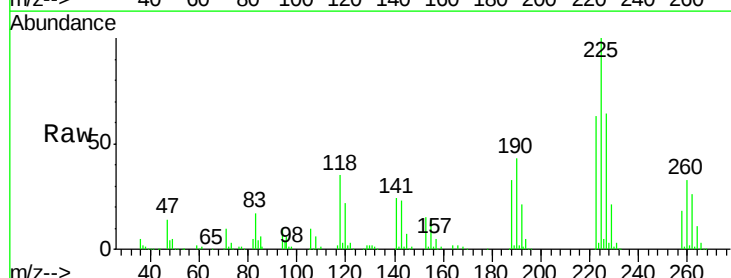
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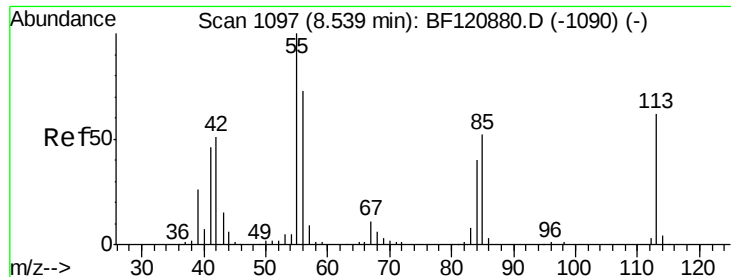
mohammad
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#34
Hexachlorobutadiene
Concen: 44.250 ng
RT: 8.24 min Scan# 1046
Delta R.T. 0.00 min
Lab File: BF120931.D
Acq: 20 Jul 2020 14:07

Tgt Ion	Ratio	Resp	Lower	Upper
225	100			
223	62.6	50.6	76.0	
227	64.1	52.2	78.2	





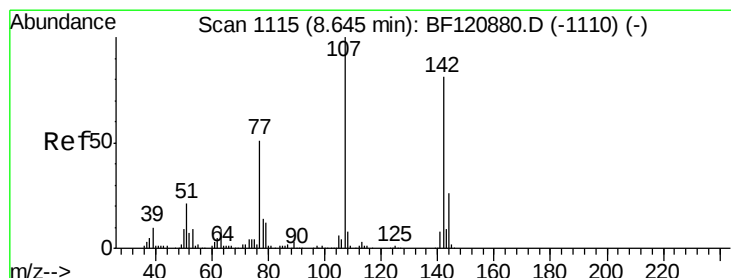
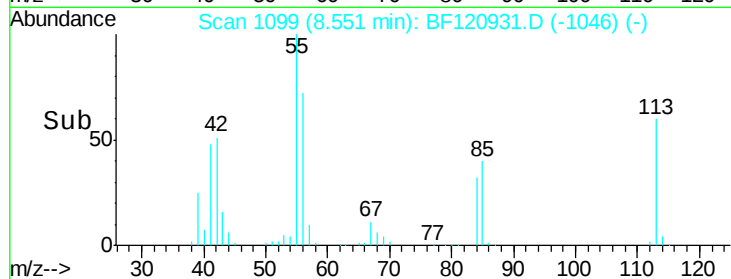
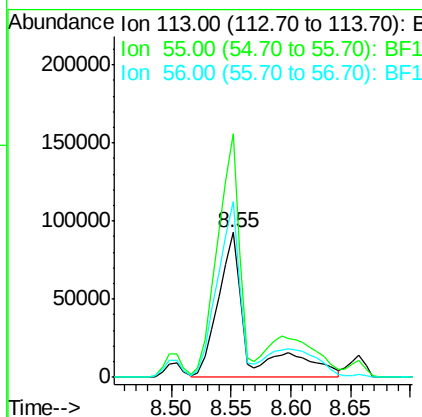
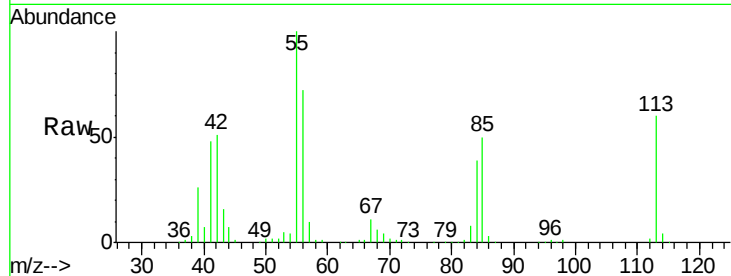
#35
 Caprolactam
 Concen: 48.543 ng/ml
 RT: 8.55 min Scan# 1099
 Delta R.T. 0.01 min
 Lab File: BF120931.D
 Acq: 20 Jul 2020 14:07

Instrument :
 BNA_F
 ClientSampleId :
 SP5204

Tot Ion	Ratio	Lower	Upper
113	100		
55	167.9	143.3	183.3
56	121.5	99.4	139.4

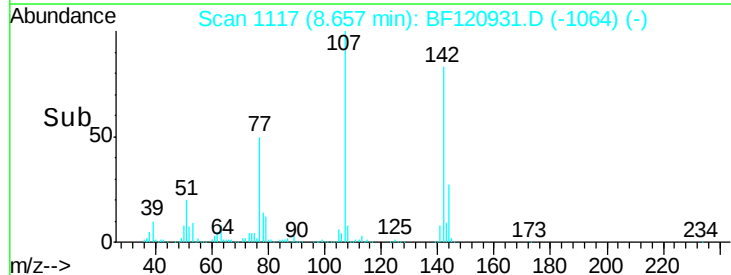
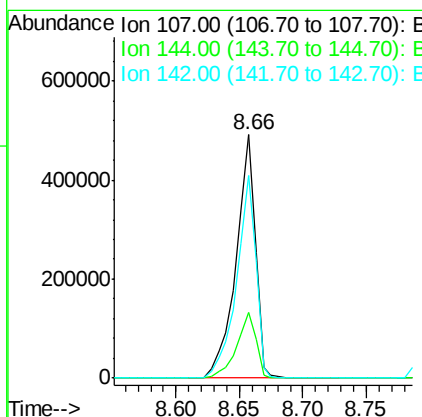
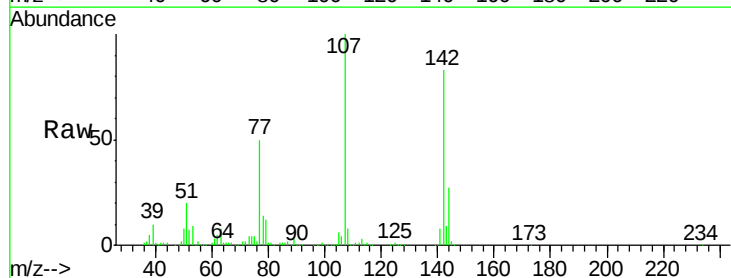
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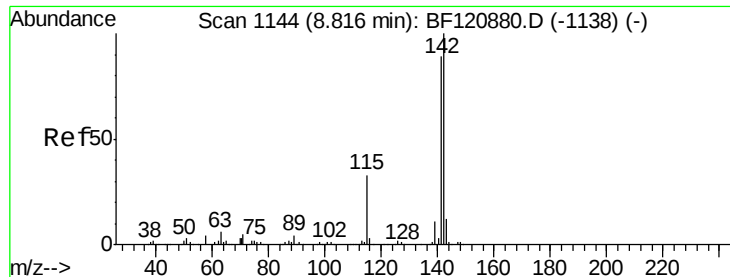
mohammad
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#36
 4-Chloro-3-methylphenol
 Concen: 48.448 ng/ml
 RT: 8.66 min Scan# 1117
 Delta R.T. 0.01 min
 Lab File: BF120931.D
 Acq: 20 Jul 2020 14:07

Tgt Ion	Ratio	Lower	Upper
107	100		
144	27.1	21.0	31.6
142	83.5	65.0	97.6





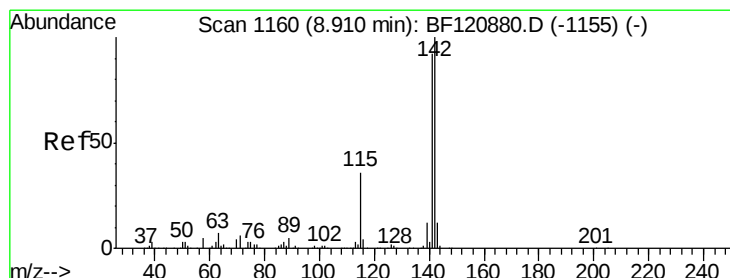
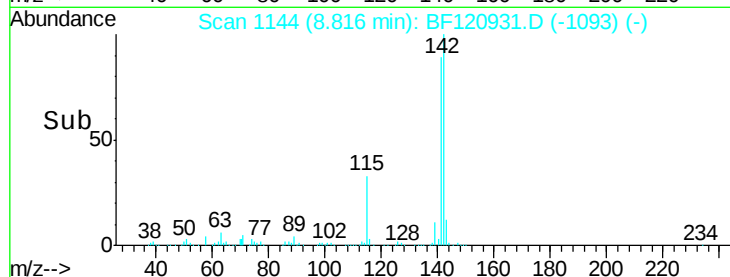
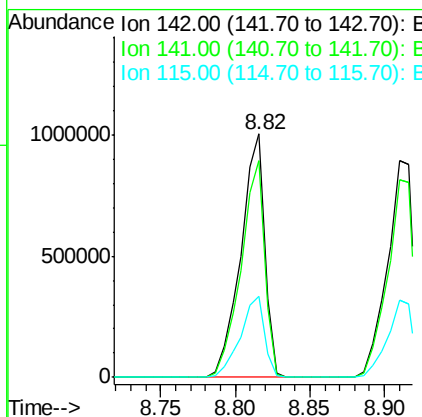
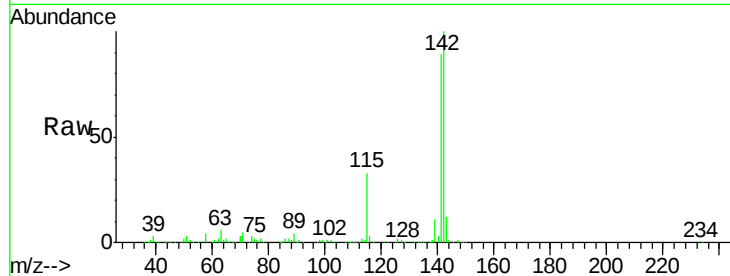
#37
2-Methylnaphthalene
Concen: 47.461 ng
RT: 8.82 min Scan# 1144
Delta R.T. 0.00 min
Lab File: BF120931.D
Acq: 20 Jul 2020 14:07

Instrument :
BNA_F
ClientSampleId :
SP5204

Tot Ion	Ratio	Lower	Upper
142	100		
141	89.2	71.0	106.4
115	33.3	26.0	39.0

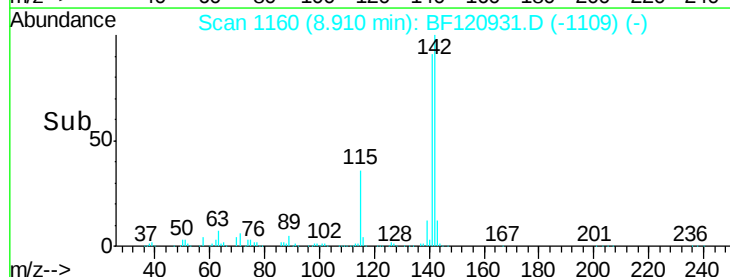
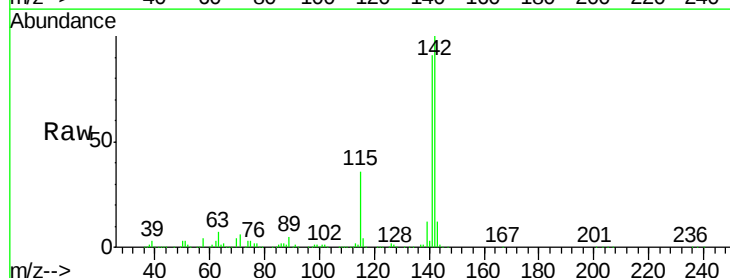
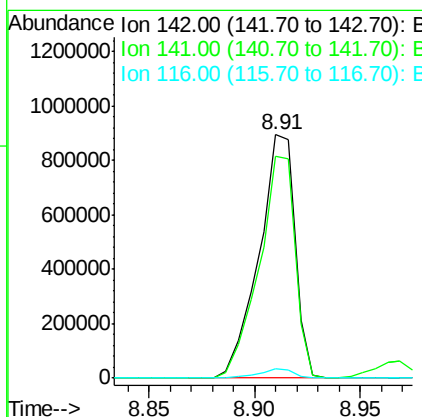
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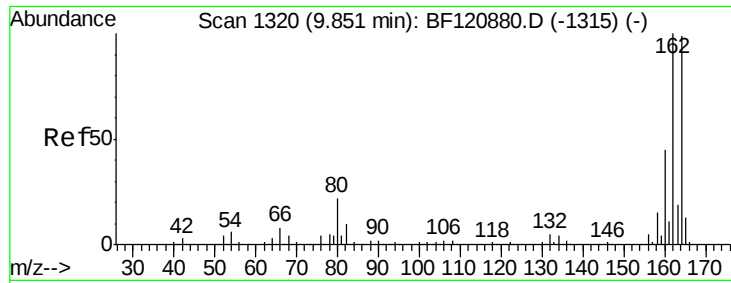
mohammad
7/21/2020 11:32:34 AM



#38
1-Methylnaphthalene
Concen: 47.510 ng
RT: 8.91 min Scan# 1160
Delta R.T. 0.00 min
Lab File: BF120931.D
Acq: 20 Jul 2020 14:07

Tgt Ion	Ratio	Lower	Upper
142	100		
141	91.0	73.7	110.5
116	3.8	3.0	4.6





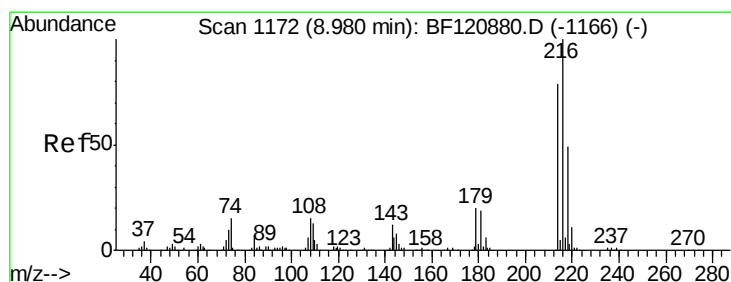
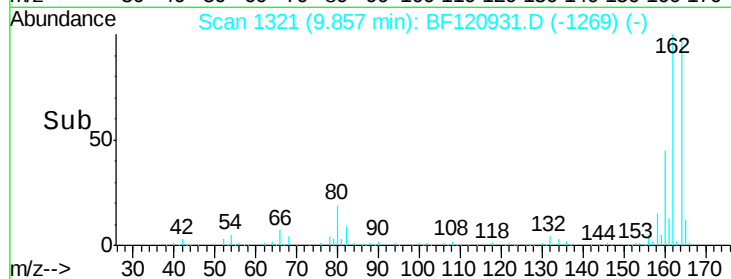
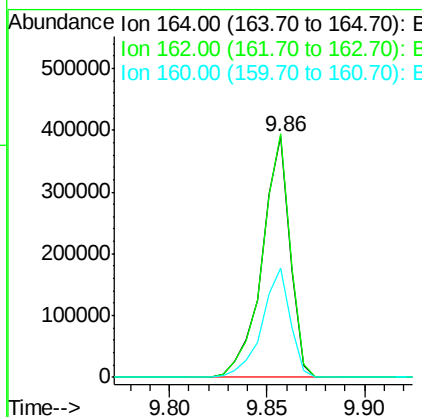
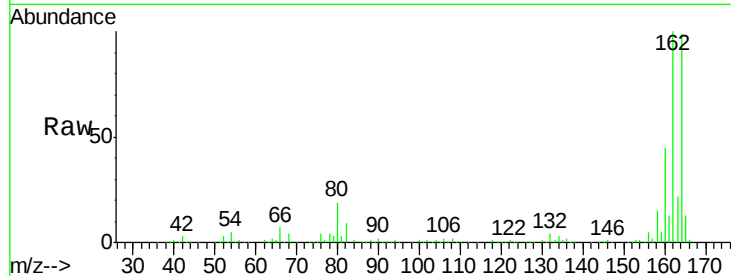
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.86 min Scan# 1321
Delta R.T. 0.01 min
Lab File: BF120931.D
Acq: 20 Jul 2020 14:07

Instrument :
BNA_F
ClientSampled :
SP5204

Tot Ion	Ratio	Resp	Lower	Upper
164	100			
162	101.2	81.2	121.8	
160	45.5	36.9	55.3	

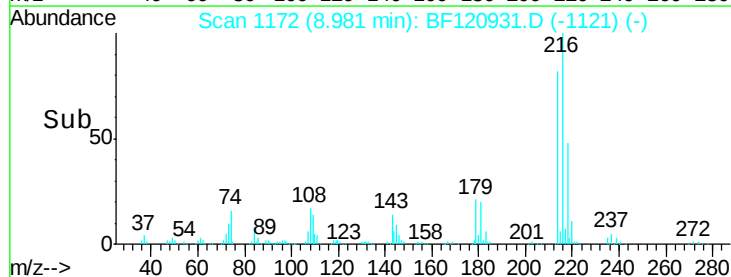
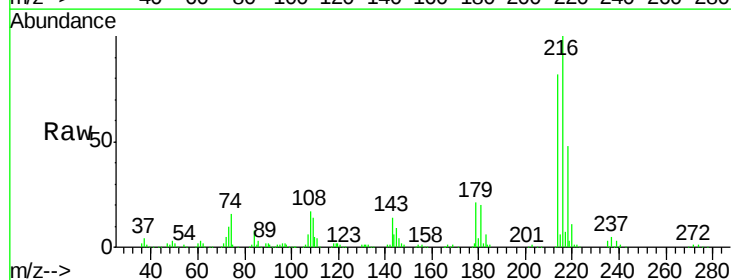
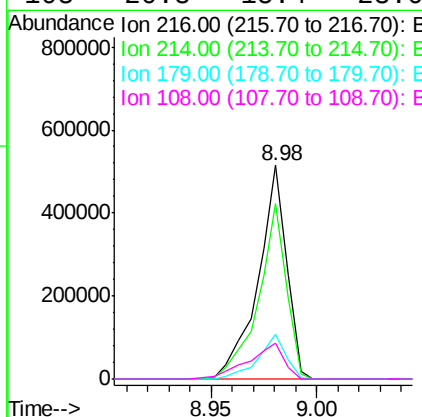
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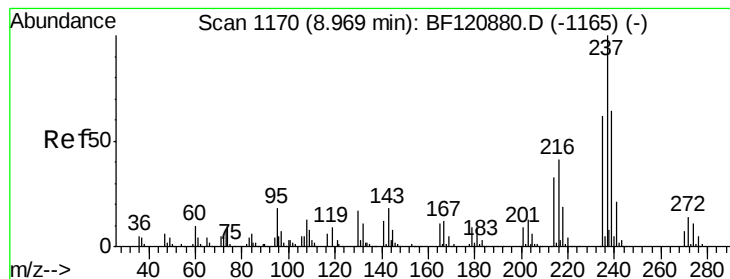
mohammad
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#40
1,2,4,5-Tetrachlorobenzene
Concen: 43.132 ng
RT: 8.98 min Scan# 1172
Delta R.T. 0.00 min
Lab File: BF120931.D
Acq: 20 Jul 2020 14:07

Tgt Ion	Ratio	Resp	Lower	Upper
216	100			
214	80.1	63.8	95.8	
179	20.6	16.6	24.8	
108	20.8	15.4	23.0	





#41

Hexachlorocyclopentadiene

Concen: 98.688 ng

RT: 8.97 min Scan# 1170

Delta R.T. 0.00 min

Lab File: BF120931.D

Acq: 20 Jul 2020 14:07

Instrument :

BNA_F

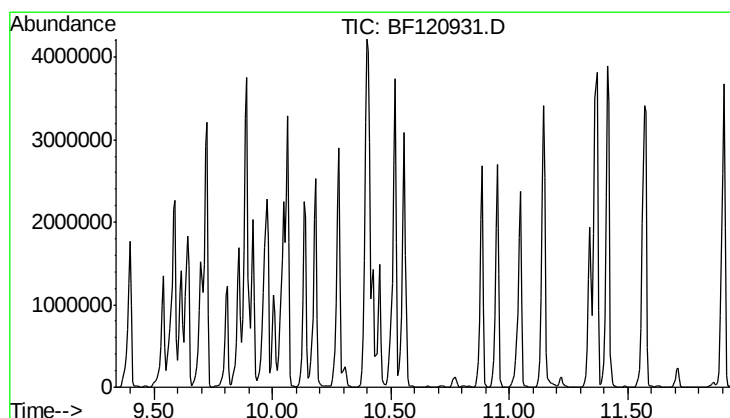
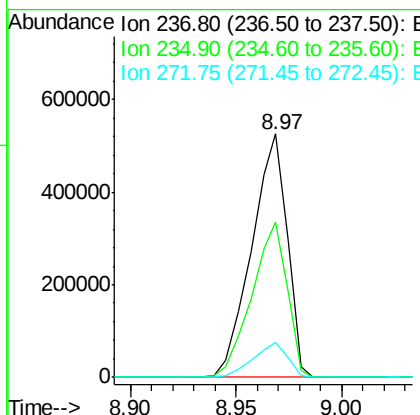
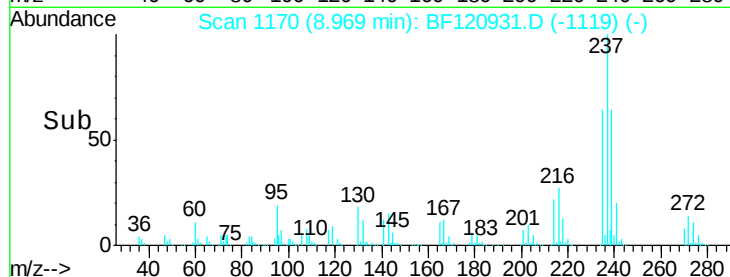
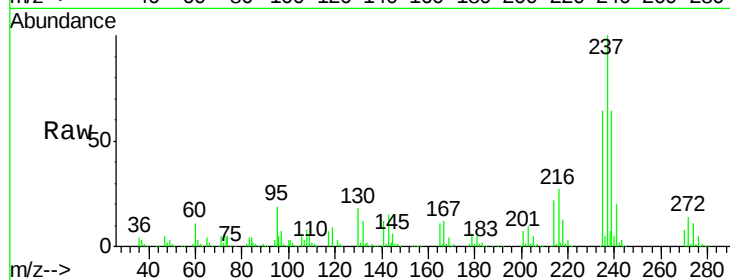
ClientSampleId :

SP5204

Tot Ion:	237	Resp:	611698
Ion Ratio	Lower	Upper	
237	100		
235	64.0	41.6	81.6
272	14.3	0.0	33.7

Manual Integrations
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mohammad
7/21/2020 11:32:34 AM



#42

2,4,6-Tribromophenol

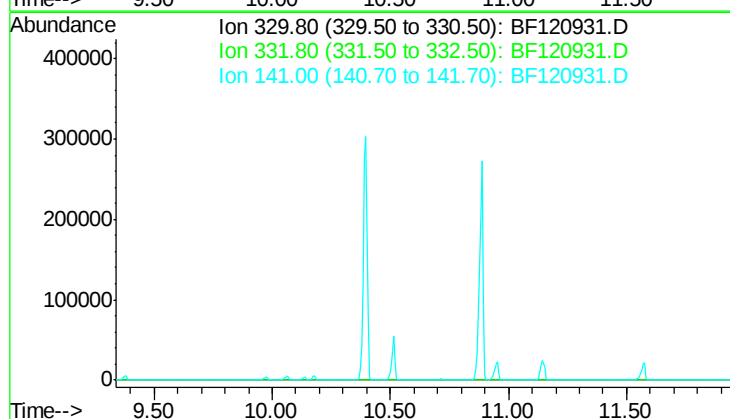
Concen: 0.000 ng

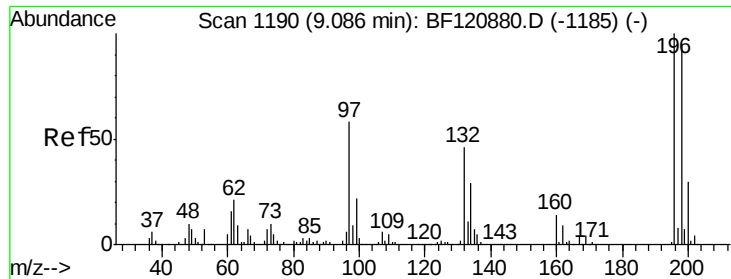
Expected RT: 10.64 min

Lab File: BF120931.D

Acq: 20 Jul 2020 14:07

Tgt Ion:	330
Sig	Exp Ratio
330	100
332	94.4
141	32.1





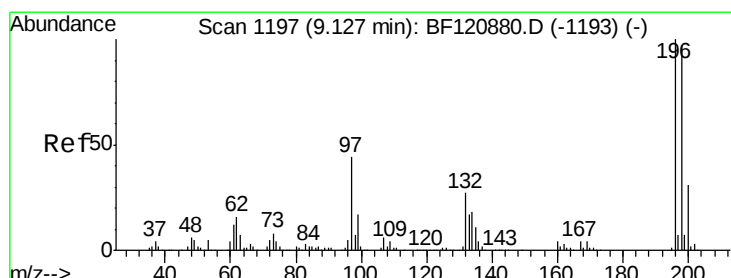
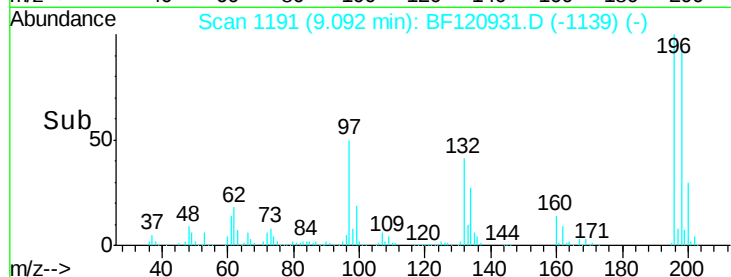
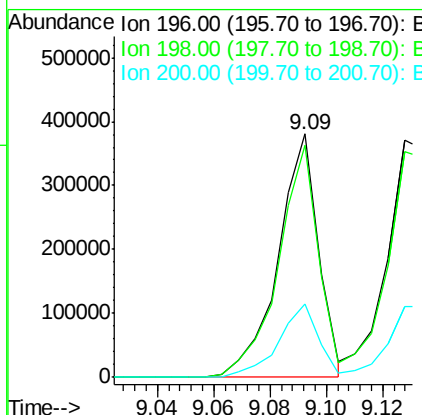
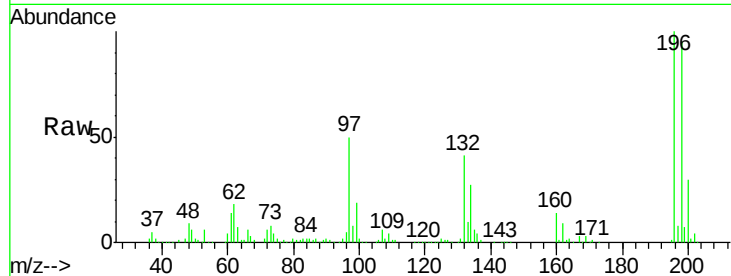
#43
 2,4,6-Trichlorophenol
 Concen: 47.763 ng
 RT: 9.09 min Scan# 1191
 Delta R.T. 0.01 min
 Lab File: BF120931.D
 Acq: 20 Jul 2020 14:07

Instrument :
 BNA_F
 ClientSampleId :
 SP5204

Tot Ion	Ratio	Resp	Lower	Upper
196	100	377157		
198	95.4	75.7	113.5	
200	30.3	24.4	36.6	

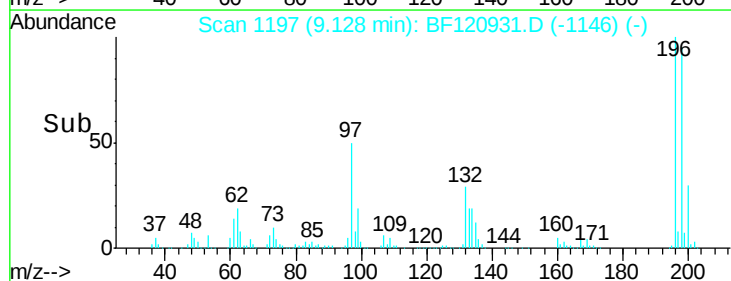
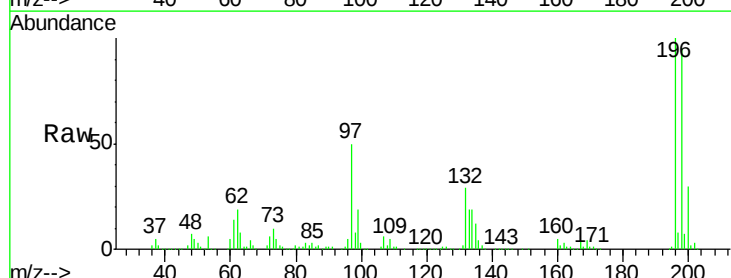
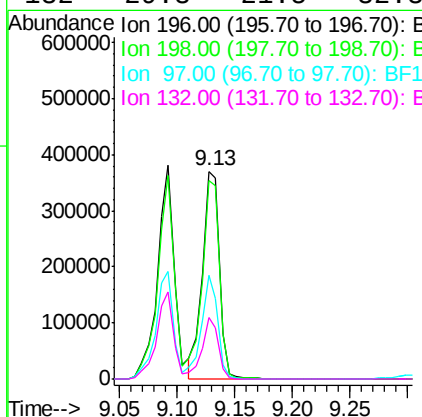
Manual Integrations
 APPROVED

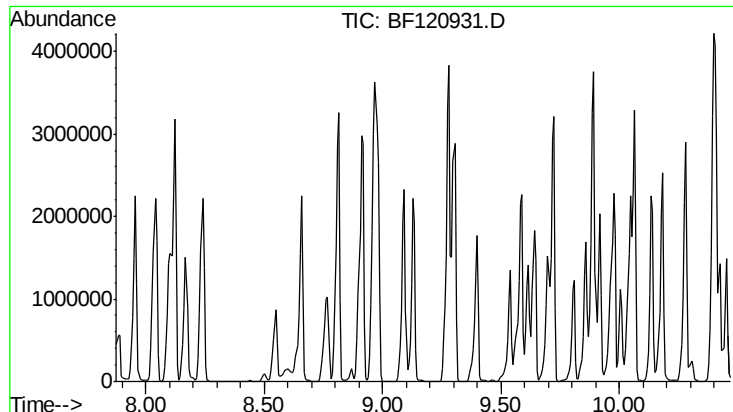
mohammad
 7/21/2020 11:32:34 AM



#44
 2,4,5-Trichlorophenol
 Concen: 43.039 ng
 RT: 9.13 min Scan# 1197
 Delta R.T. 0.00 min
 Lab File: BF120931.D
 Acq: 20 Jul 2020 14:07

Tgt Ion	Ratio	Resp	Lower	Upper
196	100	385507		
198	95.4	77.6	116.4	
97	50.1	35.6	53.4	
132	29.3	21.5	32.3	





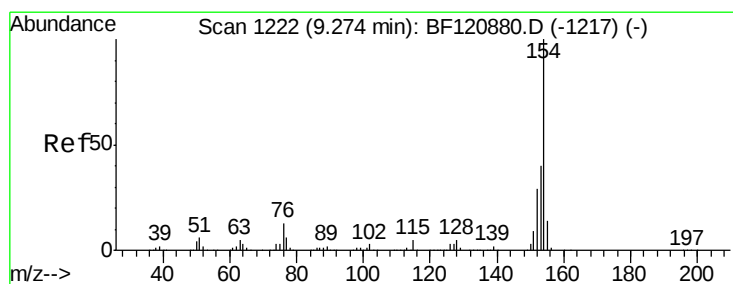
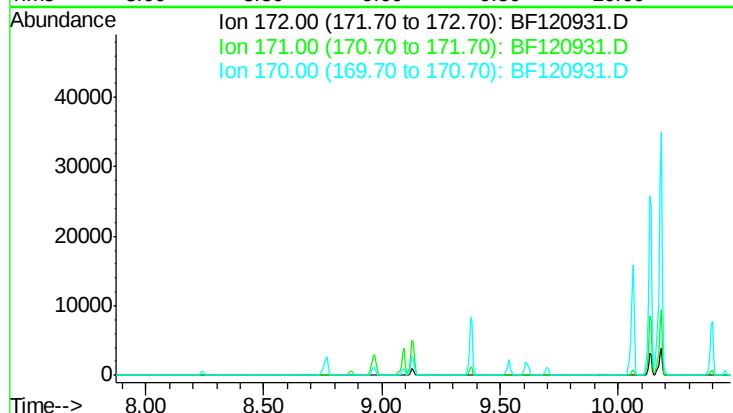
#45
 2-Fluorobiphenyl
 Concen: 0.000 ng
 Expected RT: 9.17 min
 Lab File: BF120931.D
 Acq: 20 Jul 2020 14:07

Instrument :
 BNA_F
 ClientSampleId :
 SP5204

Tot Ion: 172
 Sig Exp Ratio
 172 100
 171 36.2
 170 24.5

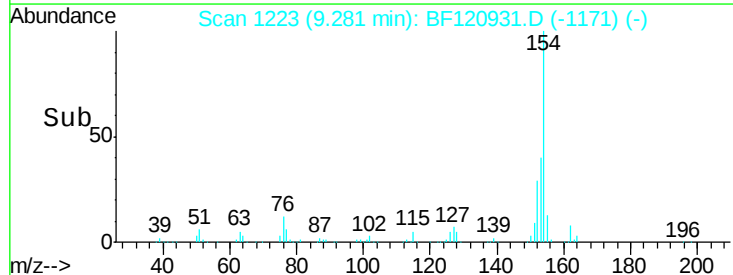
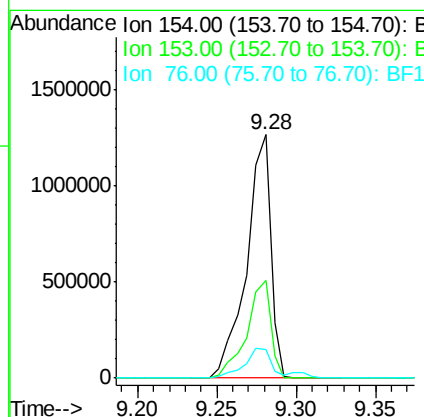
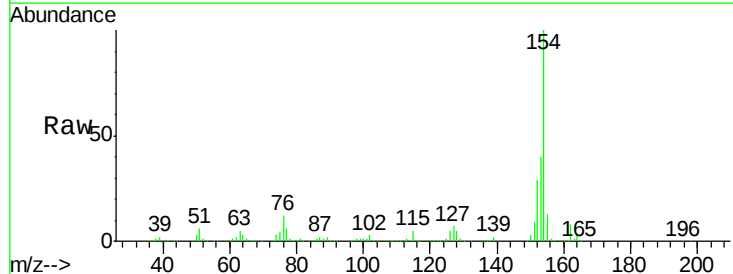
Manual Integrations
 APPROVED

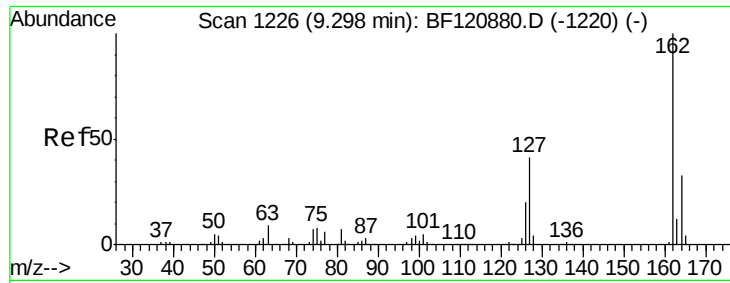
mohammad
 7/21/2020 11:32:34 AM



#46
 1,1'-Biphenyl
 Concen: 45.527 ng
 RT: 9.28 min Scan# 1223
 Delta R.T. 0.01 min
 Lab File: BF120931.D
 Acq: 20 Jul 2020 14:07

Tgt Ion: 154 Resp: 1336744
 Ion Ratio Lower Upper
 154 100
 153 40.4 20.4 60.4
 76 11.9 0.0 33.1





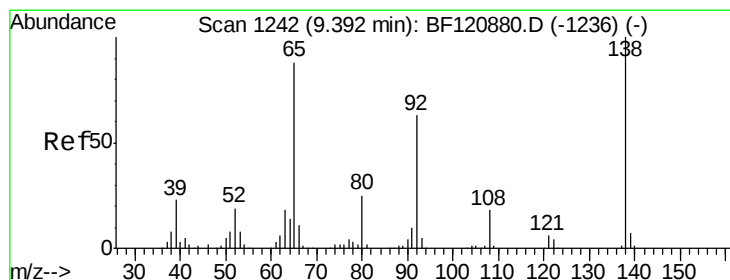
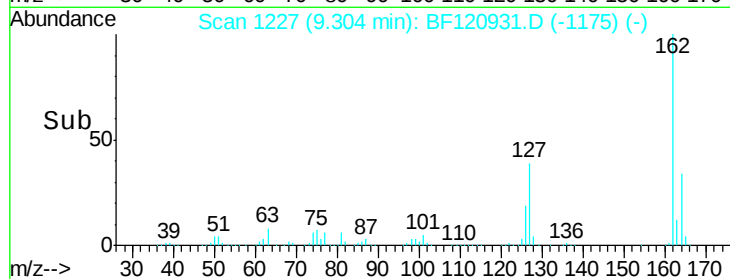
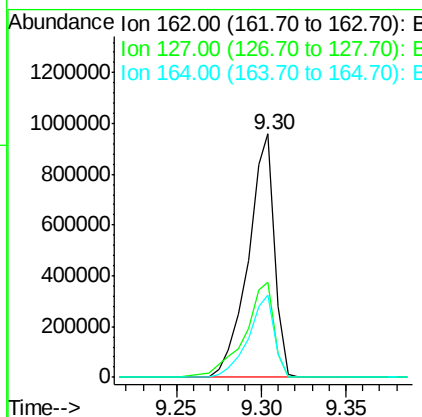
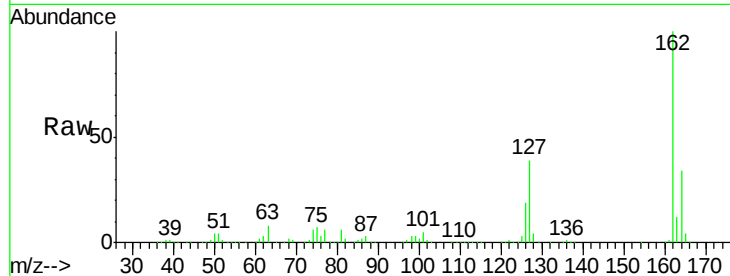
#47
2-Chloronaphthalene
Concen: 43.350 ng
RT: 9.30 min Scan# 1227
Delta R.T. 0.01 min
Lab File: BF120931.D
Acq: 20 Jul 2020 14:07

Instrument :
BNA_F
ClientSampleId :
SP5204

Tot Ion: 162 Resp: 1037760
Ion Ratio Lower Upper
162 100
127 39.2 33.3 49.9
164 33.7 26.6 39.8

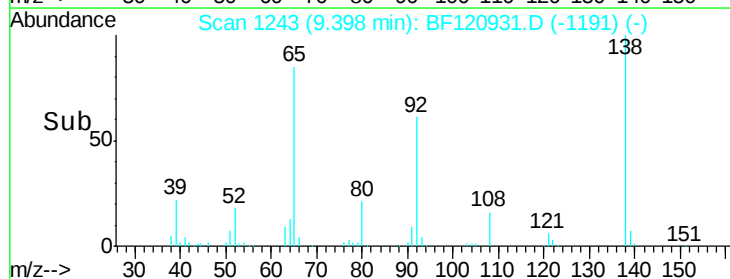
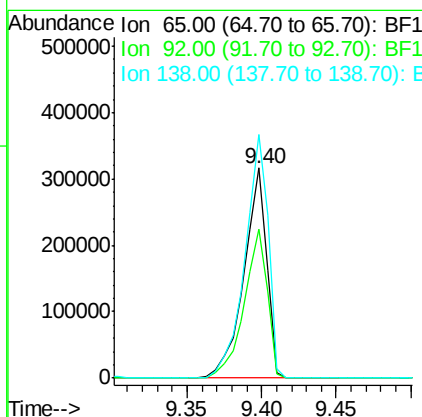
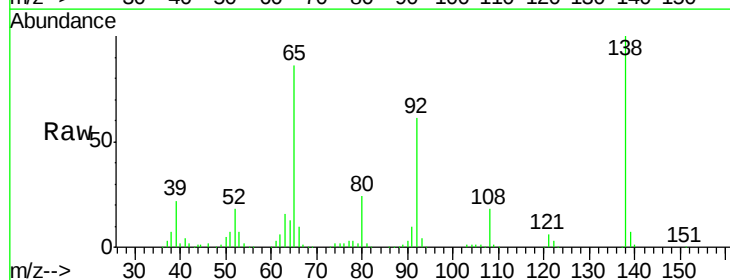
Manual Integrations
APPROVED

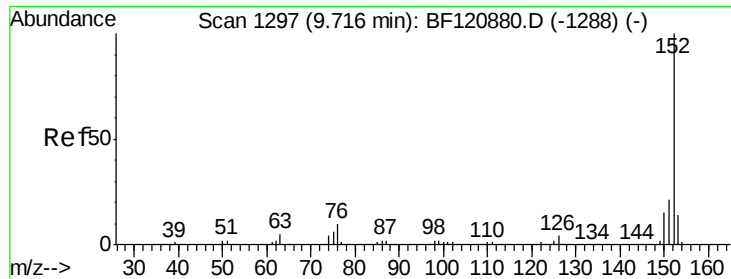
mohammad
7/21/2020 11:32:34 AM



#48
2-Nitroaniline
Concen: 46.247 ng
RT: 9.40 min Scan# 1243
Delta R.T. 0.01 min
Lab File: BF120931.D
Acq: 20 Jul 2020 14:07

Tgt Ion: 65 Resp: 334575
Ion Ratio Lower Upper
65 100
92 70.8 57.0 85.4
138 116.1 90.4 135.6





#49

Acenaphthylene

Concen: 45.322 ng

RT: 9.72 min Scan# 1298

Delta R.T. 0.01 min

Lab File: BF120931.D

Acq: 20 Jul 2020 14:07

Instrument :

BNA_F

ClientSampleId :

SP5204

Tot Ion:152 Resp: 1685504

Ion Ratio Lower Upper

152 100

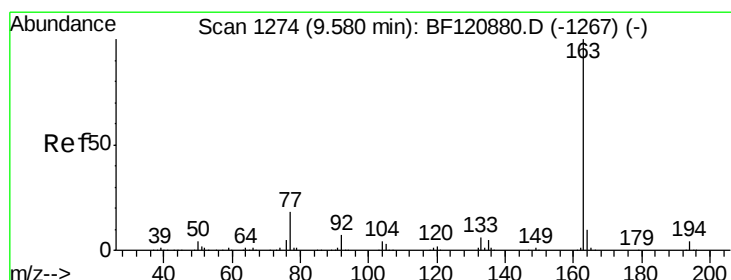
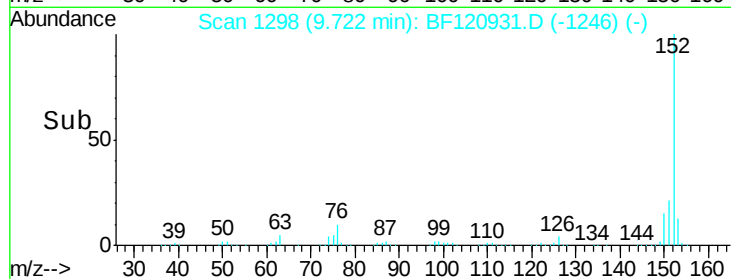
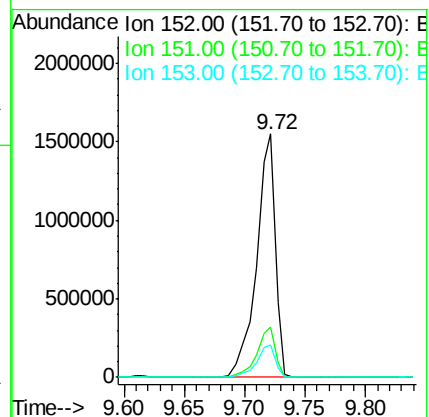
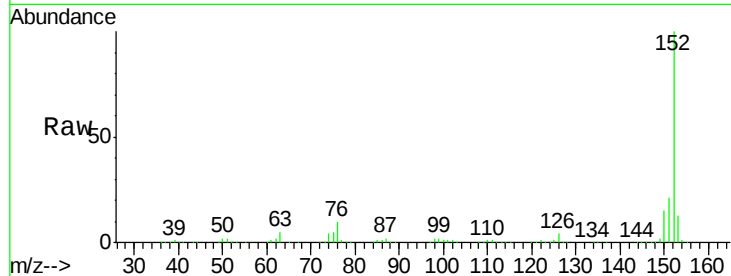
151 20.9 16.6 25.0

153 13.4 10.9 16.3

Manual Integrations
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7/21/2020 11:32:34 AM



#50

Dimethylphthalate

Concen: 45.188 ng

RT: 9.59 min Scan# 1275

Delta R.T. 0.01 min

Lab File: BF120931.D

Acq: 20 Jul 2020 14:07

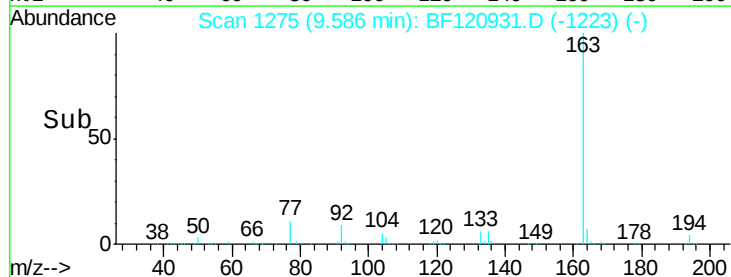
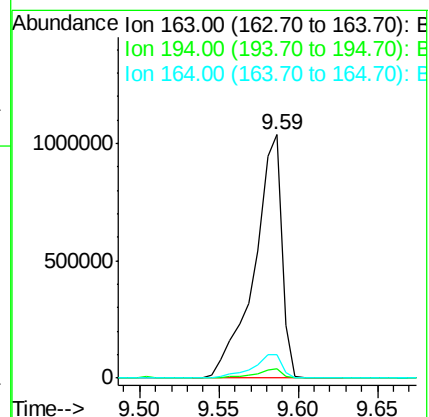
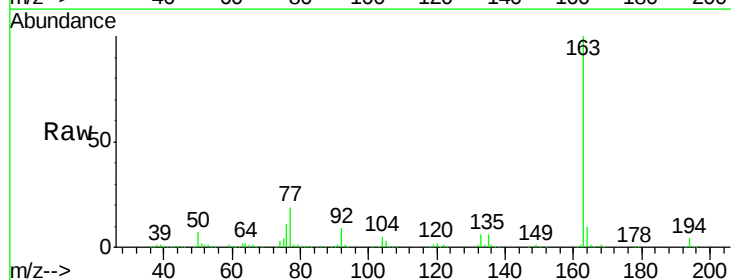
Tgt Ion:163 Resp: 1254865

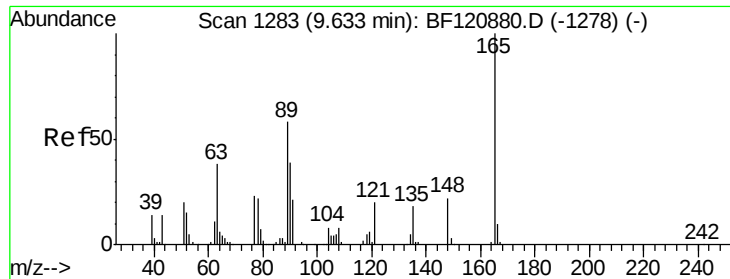
Ion Ratio Lower Upper

163 100

194 3.9 3.2 4.8

164 9.9 7.9 11.9





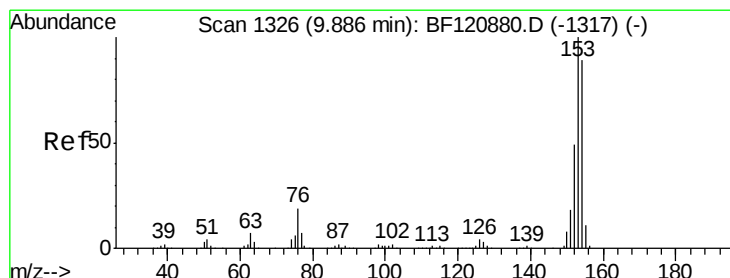
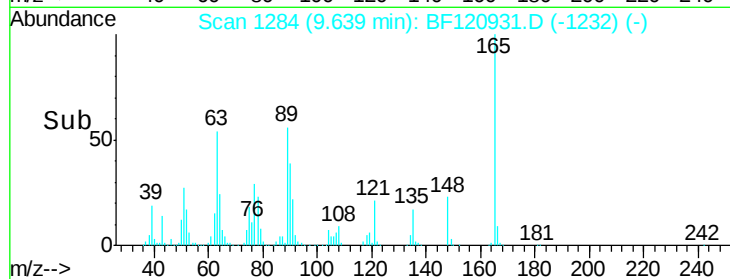
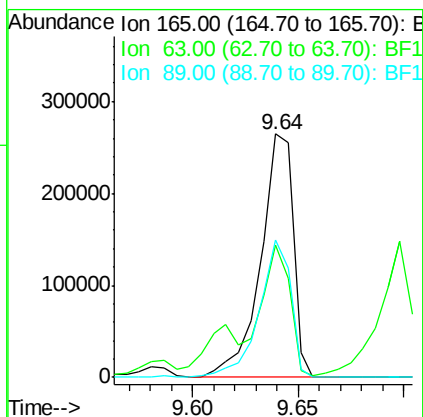
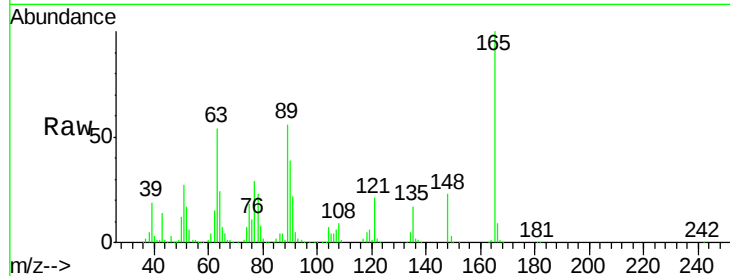
#51
2,6-Dinitrotoluene
Concen: 47.971 ng
RT: 9.64 min Scan# 1284
Delta R.T. 0.01 min
Lab File: BF120931.D
Acq: 20 Jul 2020 14:07

Instrument :
BNA_F
ClientSampleId :
SP5204

Tot Ion	Ratio	Resp	Lower	Upper
165	100	286201		
63	54.2		45.4	68.2
89	56.2		47.0	70.4

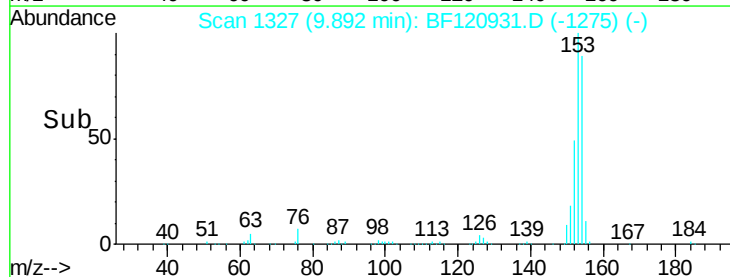
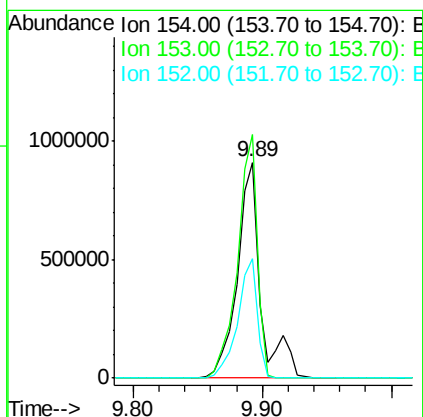
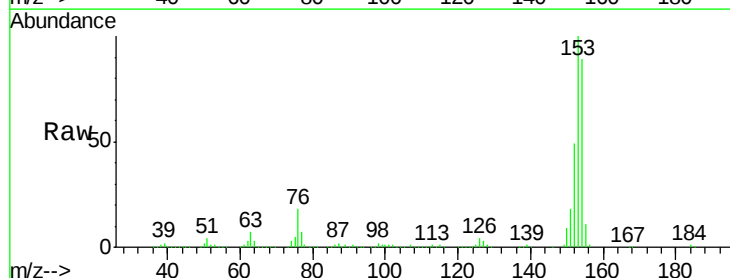
Manual Integrations
APPROVED

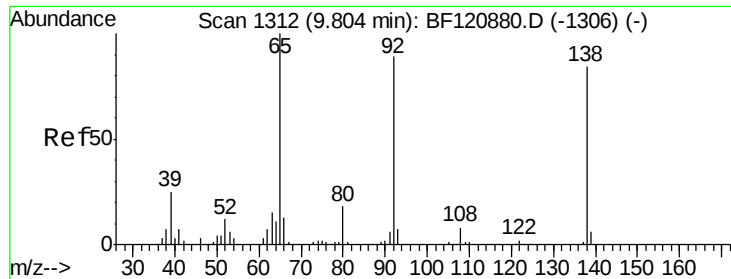
mohammad
7/21/2020 11:32:34 AM



#52
Acenaphthene
Concen: 48.270 ng m
RT: 9.89 min Scan# 1327
Delta R.T. 0.01 min
Lab File: BF120931.D
Acq: 20 Jul 2020 14:07

Tgt Ion	Ratio	Resp	Lower	Upper
154	100	1141308		
153	112.7		89.5	134.3
152	55.1		44.2	66.2





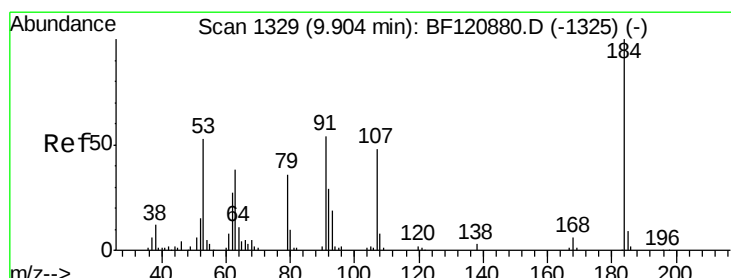
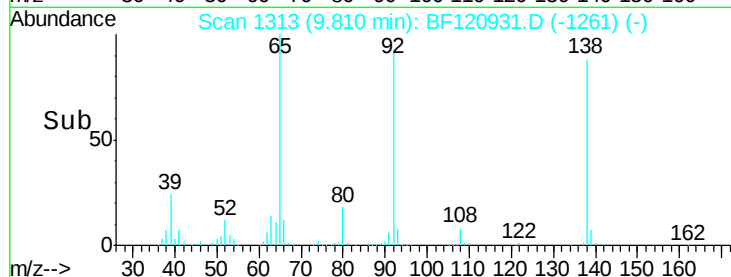
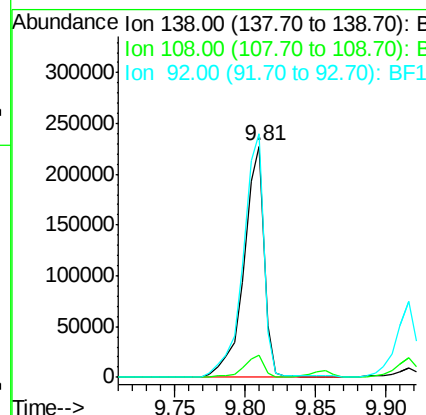
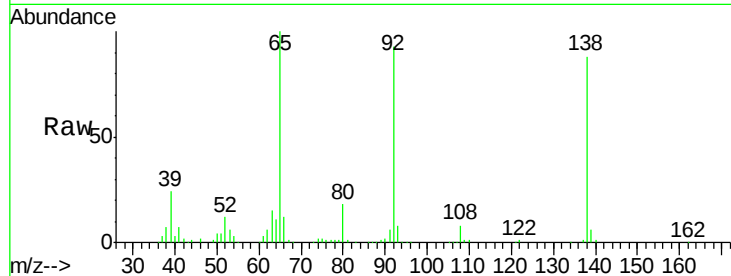
#53
3-Nitroaniline
Concen: 30.339 ng
RT: 9.81 min Scan# 1313
Delta R.T. 0.01 min
Lab File: BF120931.D
Acq: 20 Jul 2020 14:07

Instrument :
BNA_F
ClientSampleId :
SP5204

Tot Ion	Ratio	Lower	Upper
138	100		
108	9.4	7.9	11.9
92	105.5	85.3	127.9

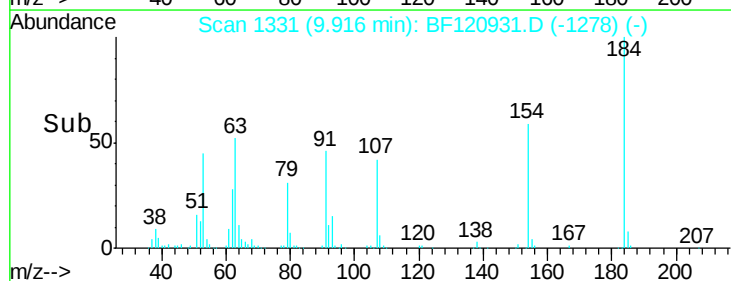
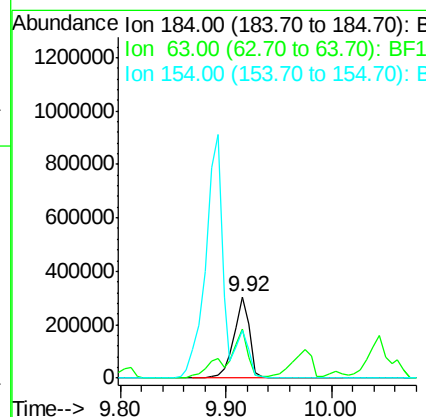
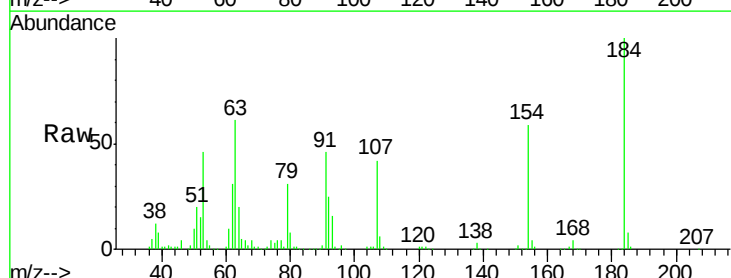
Manual Integrations
APPROVED

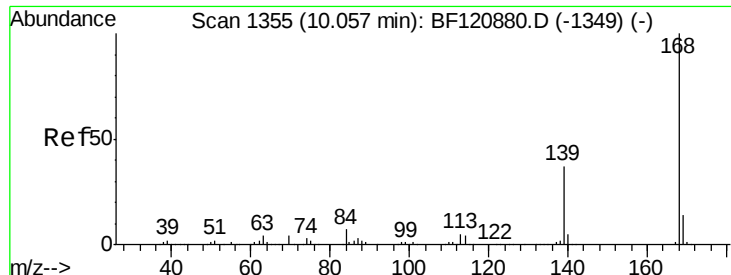
mohammad
7/21/2020 11:32:34 AM



#54
2,4-Dinitrophenol
Concen: 88.942 ng
RT: 9.92 min Scan# 1331
Delta R.T. 0.01 min
Lab File: BF120931.D
Acq: 20 Jul 2020 14:07

Tgt Ion	Ratio	Lower	Upper
184	100		
63	60.8	57.9	86.9
154	58.6	52.6	78.8





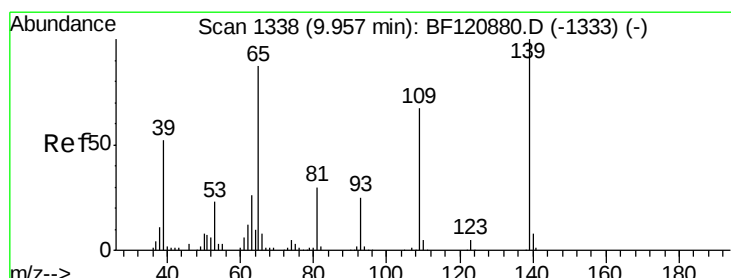
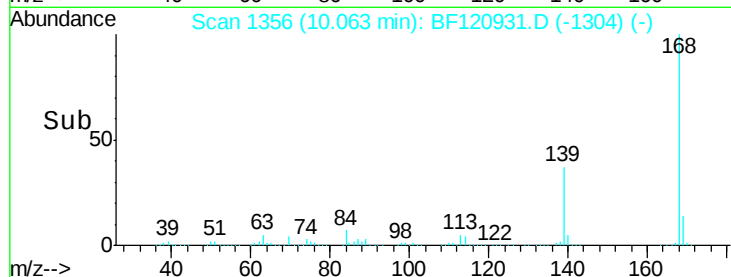
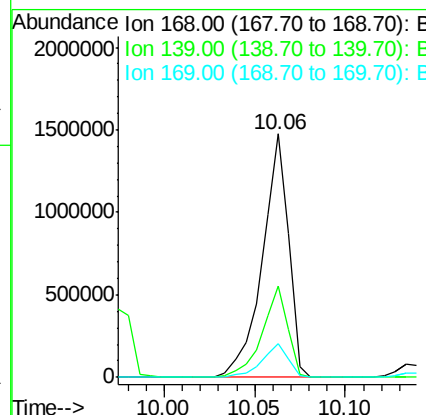
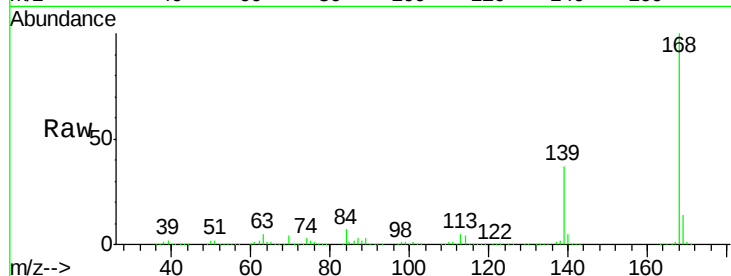
#55
Dibenzofuran
Concen: 43.264 ng
RT: 10.06 min Scan# 1356
Delta R.T. 0.01 min
Lab File: BF120931.D
Acq: 20 Jul 2020 14:07

Instrument :
BNA_F
ClientSampleId :
SP5204

Tot Ion	Ratio	Lower	Upper
168	100		
139	37.3	29.7	44.5
169	14.0	11.1	16.7

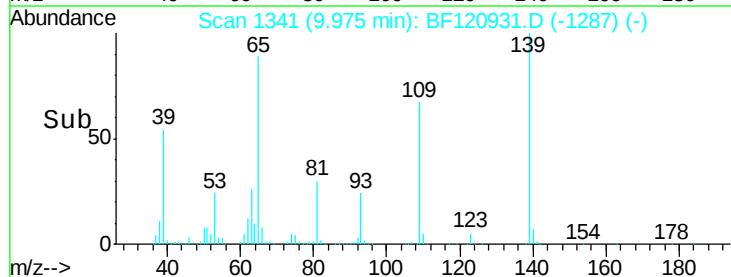
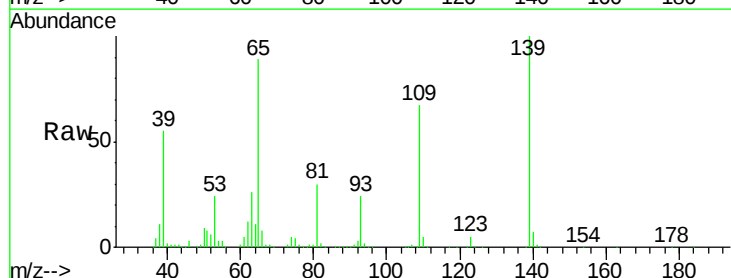
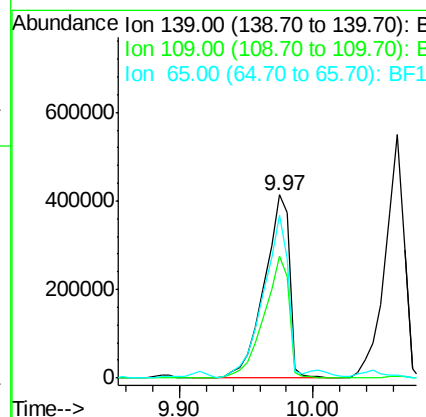
Manual Integrations
APPROVED

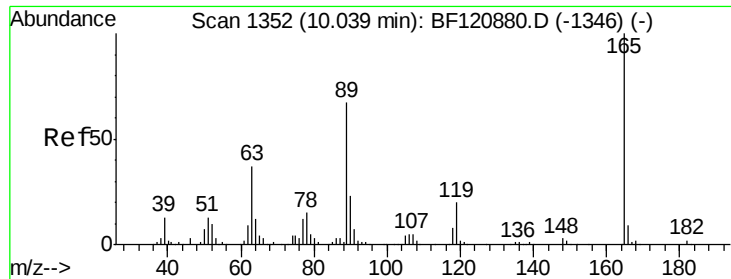
mohammad
7/21/2020 11:32:34 AM



#56
4-Nitrophenol
Concen: 94.715 ng
RT: 9.97 min Scan# 1341
Delta R.T. 0.02 min
Lab File: BF120931.D
Acq: 20 Jul 2020 14:07

Tgt Ion	Ratio	Lower	Upper
139	100		
109	66.9	47.3	87.3
65	89.3	67.2	107.2





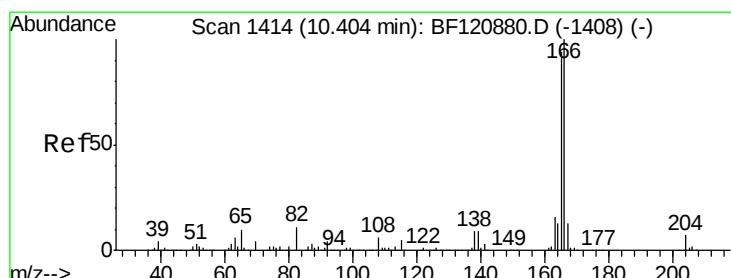
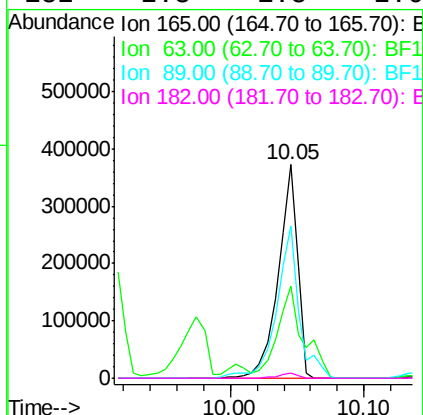
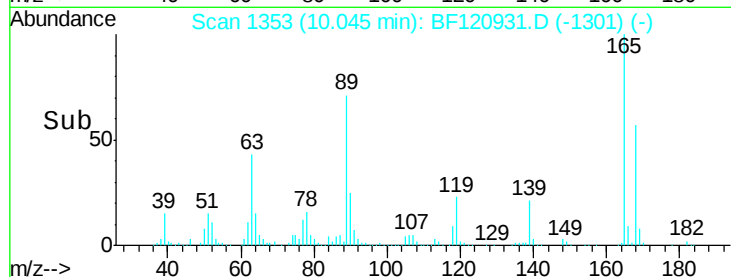
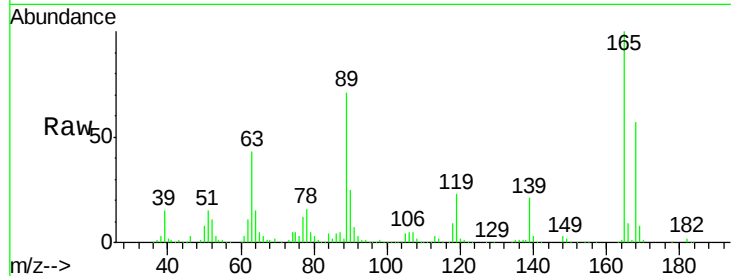
#57
2,4-Dinitrotoluene
Concen: 48.524 ng
RT: 10.05 min Scan# 1353
Delta R.T. 0.01 min
Lab File: BF120931.D
Acq: 20 Jul 2020 14:07

Instrument :
BNA_F
ClientSampleId :
SP5204

Tot Ion	Ion	Ratio	Resp	Lower	Upper
165	100		380172		
63	43.2	29.4	44.2		
89	71.3	53.4	80.0		
182	2.3	1.8	2.6		

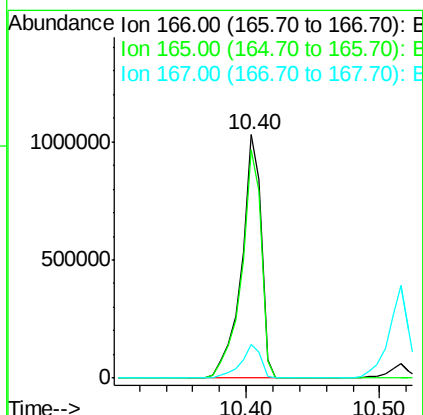
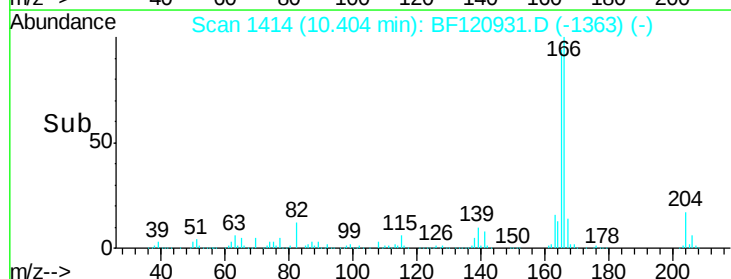
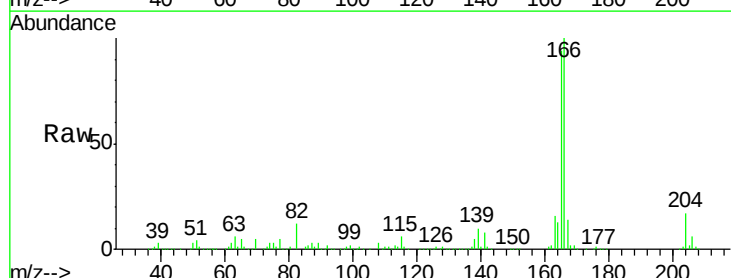
Manual Integrations
APPROVED

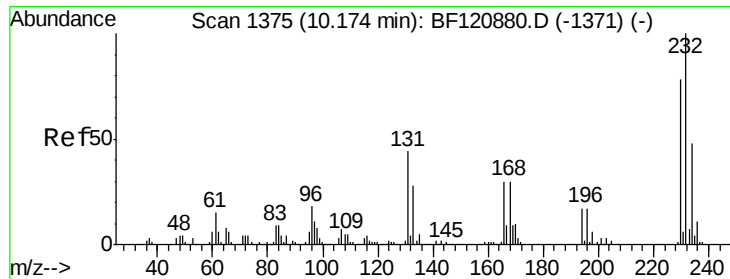
mohammad
7/21/2020 11:32:34 AM



#58
Fluorene
Concen: 41.270 ng
RT: 10.40 min Scan# 1414
Delta R.T. 0.00 min
Lab File: BF120931.D
Acq: 20 Jul 2020 14:07

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
166	100		1052433		
165	93.6	75.4	113.0		
167	13.7	10.6	15.8		





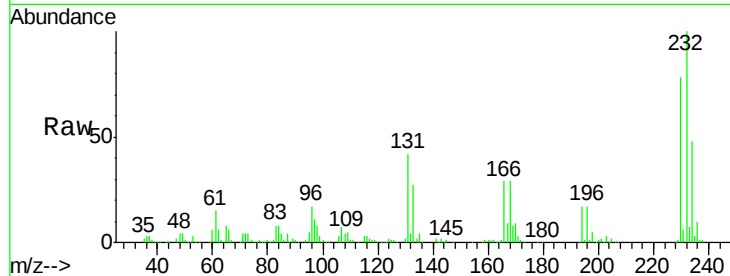
#59
2,3,4,6-Tetrachlorophenol
Concen: 49.223 ng
RT: 10.18 min Scan# 1376
Delta R.T. 0.01 min
Lab File: BF120931.D
Acq: 20 Jul 2020 14:07

Instrument :
BNA_F
ClientSampled :
SP5204

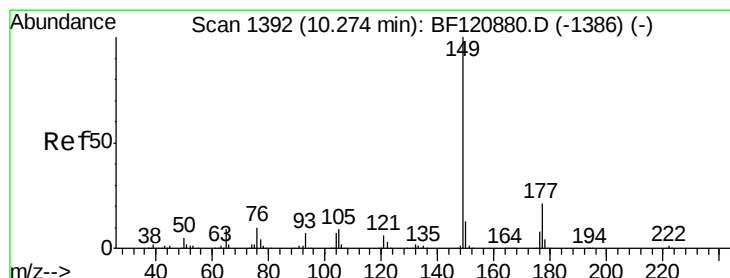
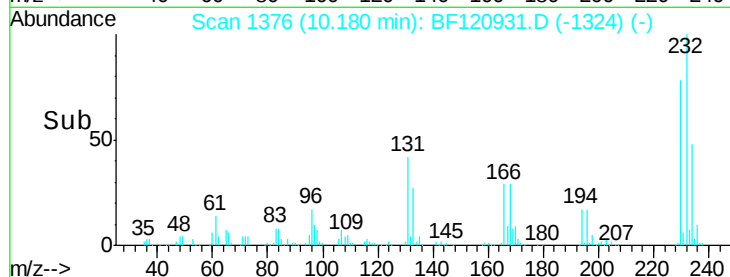
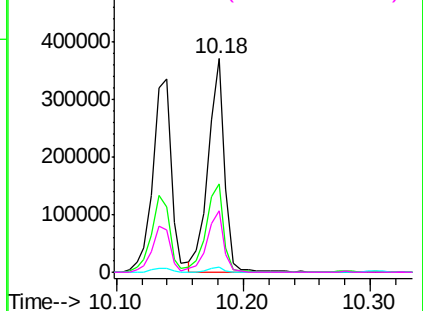
Tot Ion	Ratio	Lower	Upper
232	100		
131	44.3	37.1	55.7
130	2.2	1.7	2.5
166	30.0	24.2	36.4

Manual Integrations
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7/21/2020 11:32:34 AM



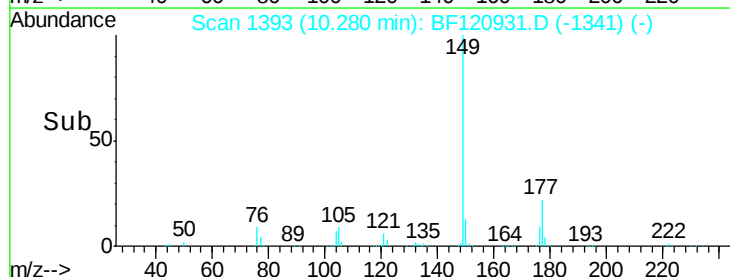
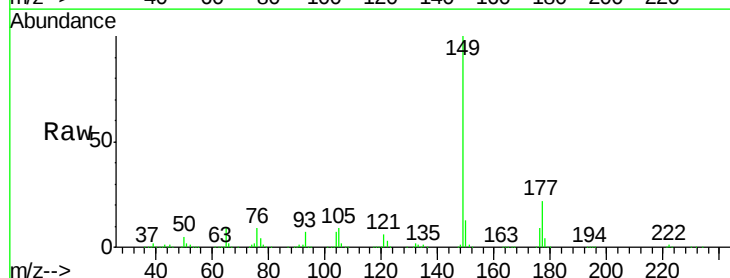
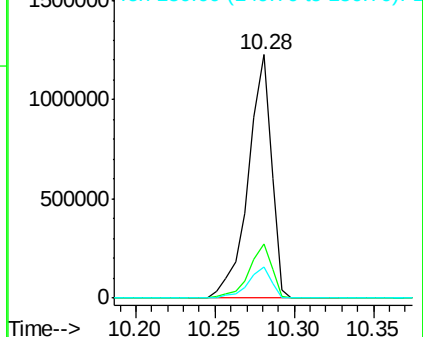
Abundance Ion 232.00 (231.70 to 232.70): E
Ion 131.00 (130.70 to 131.70): E
Ion 130.00 (129.70 to 130.70): E
Ion 166.00 (165.70 to 166.70): E

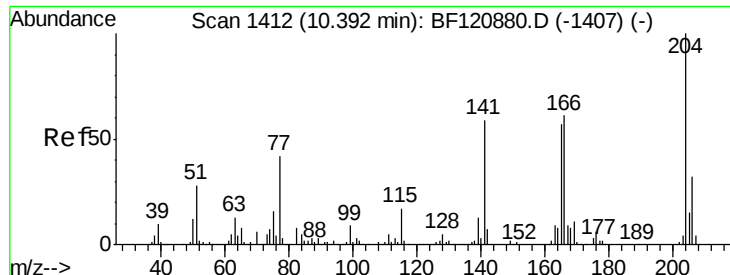


#60
Diethylphthalate
Concen: 44.394 ng
RT: 10.28 min Scan# 1393
Delta R.T. 0.01 min
Lab File: BF120931.D
Acq: 20 Jul 2020 14:07

Tgt Ion	Ratio	Lower	Upper
149	100		
177	22.4	17.1	25.7
150	12.9	10.3	15.5

Abundance Ion 149.00 (148.70 to 149.70): E
Ion 177.00 (176.70 to 177.70): E
Ion 150.00 (149.70 to 150.70): E





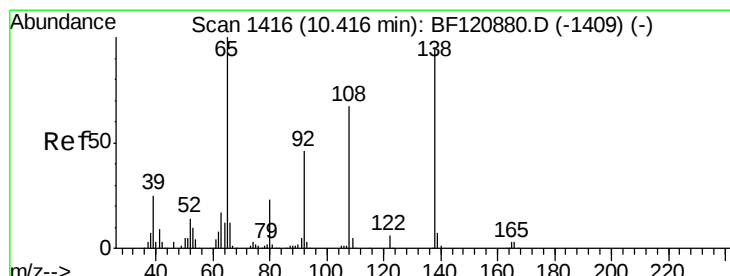
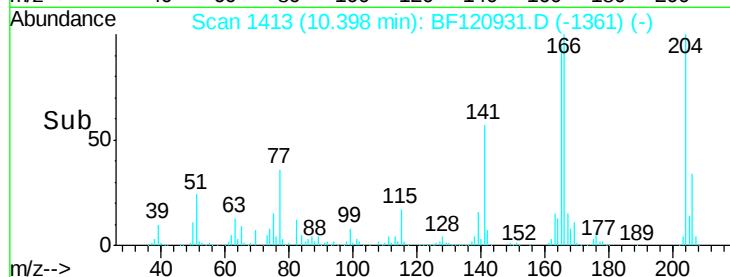
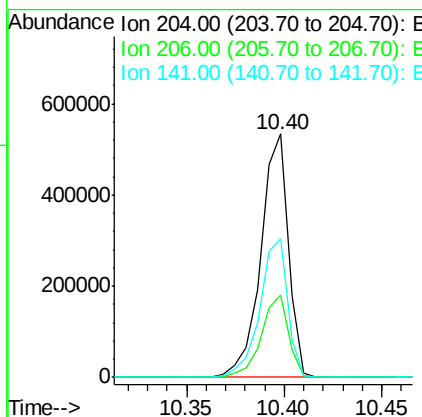
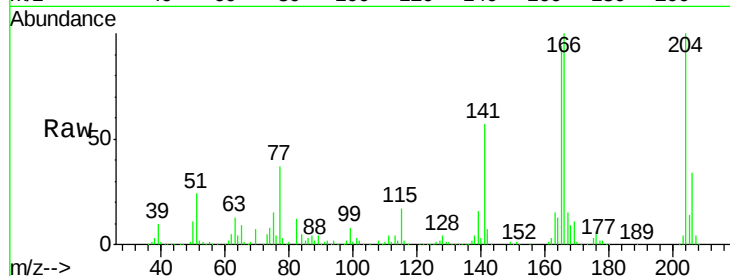
#61
4-Chlorophenyl-phenylether
Concen: 38.341 ng
RT: 10.40 min Scan# 1413
Delta R.T. 0.01 min
Lab File: BF120931.D
Acq: 20 Jul 2020 14:07

Instrument :
BNA_F
ClientSampled :
SP5204

Tot Ion	Ratio	Lower	Upper
204	100		
206	33.7	25.9	38.9
141	56.7	47.2	70.8

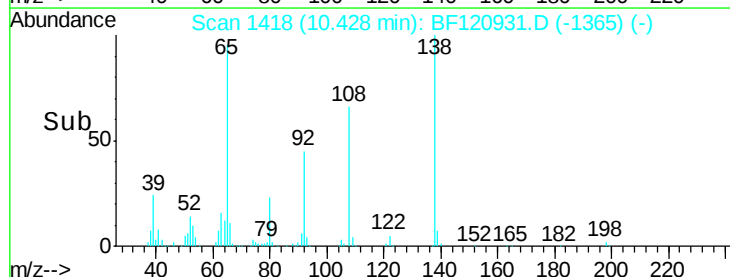
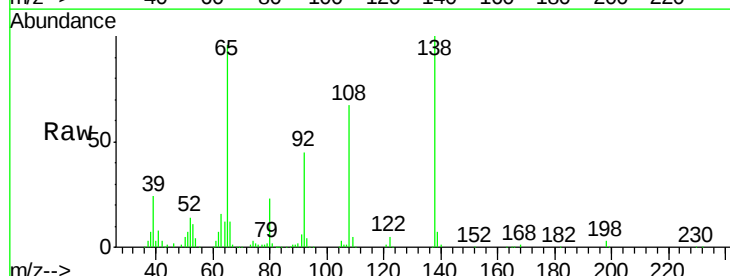
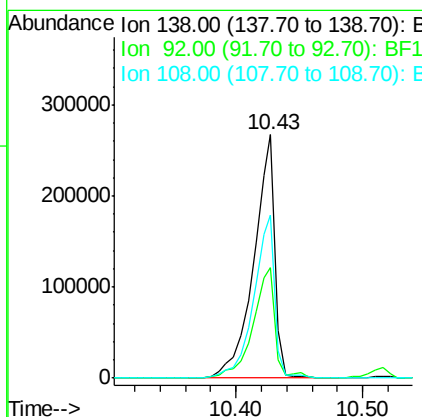
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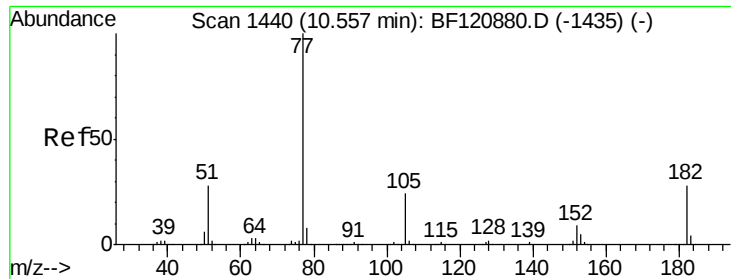
mohammad
7/21/2020 11:32:34 AM



#62
4-Nitroaniline
Concen: 42.885 ng
RT: 10.43 min Scan# 1418
Delta R.T. 0.01 min
Lab File: BF120931.D
Acq: 20 Jul 2020 14:07

Tgt Ion	Ratio	Lower	Upper
138	100		
92	45.5	28.6	68.6
108	66.9	51.1	91.1





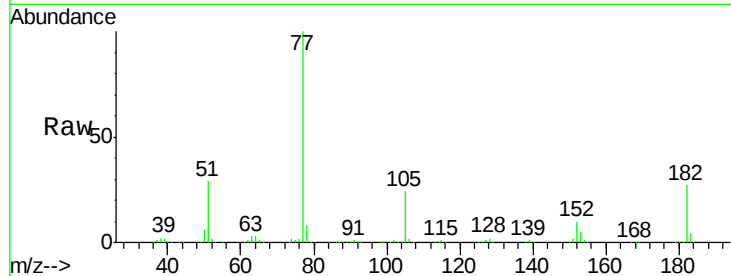
#63
Azobenzene
Concen: 43.673 ng
RT: 10.56 min Scan# 1440
Delta R.T. 0.00 min
Lab File: BF120931.D
Acq: 20 Jul 2020 14:07

Instrument :
BNA_F
ClientSampleId :
SP5204

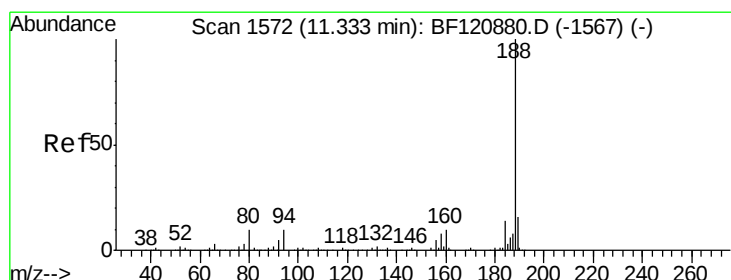
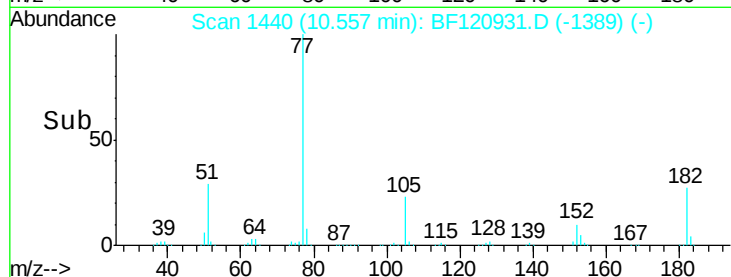
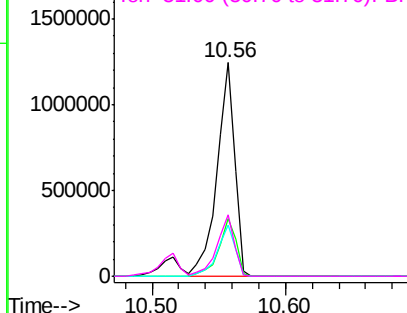
Tot Ion	Ion	Ratio	Lower	Upper
77	77	100		
182	182	26.9	7.8	47.8
105	105	24.1	4.4	44.4
51	51	28.6	8.0	48.0

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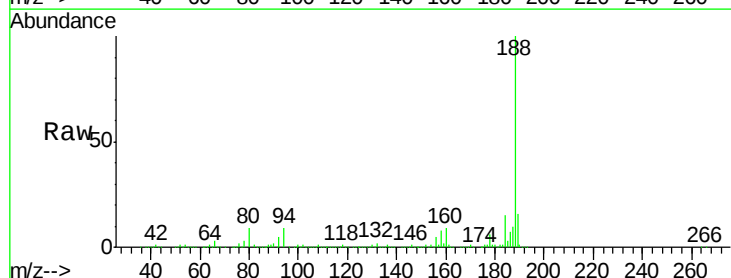


Abundance Ion 77.00 (76.70 to 77.70): BF1
Ion 182.00 (181.70 to 182.70): BF1
Ion 105.00 (104.70 to 105.70): BF1
Ion 51.00 (50.70 to 51.70): BF1

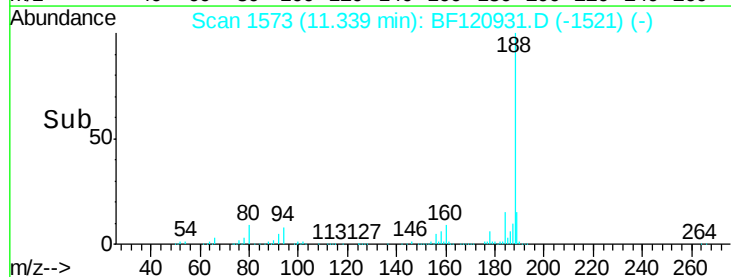
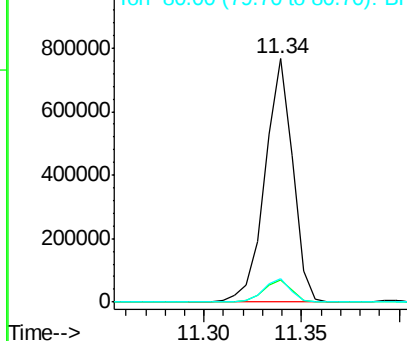


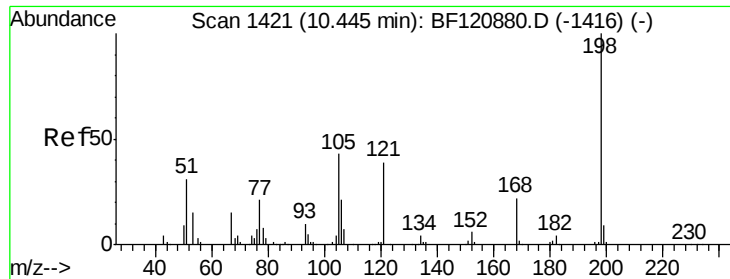
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.34 min Scan# 1573
Delta R.T. 0.01 min
Lab File: BF120931.D
Acq: 20 Jul 2020 14:07

Tgt Ion	Ion	Ratio	Lower	Upper
188	188	100		
94	94	9.1	8.0	12.0
80	80	9.4	8.3	12.5



Abundance Ion 188.00 (187.70 to 188.70): BF1
Ion 94.00 (93.70 to 94.70): BF1
Ion 80.00 (79.70 to 80.70): BF1





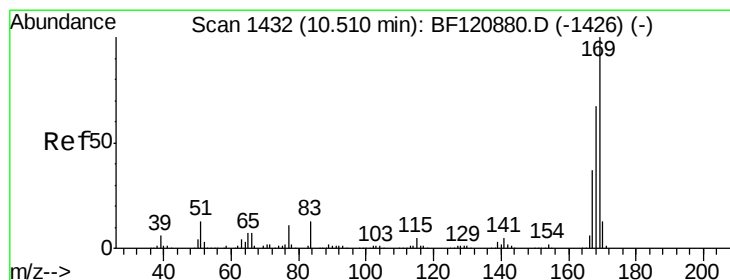
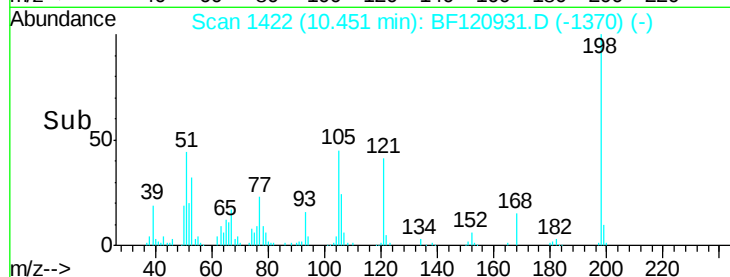
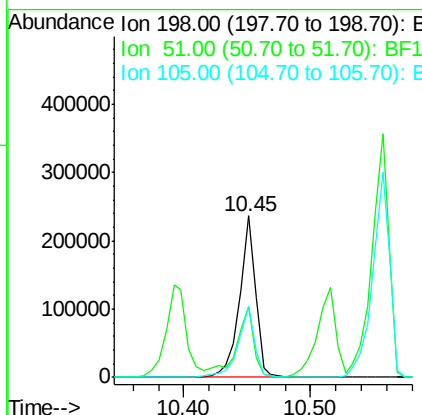
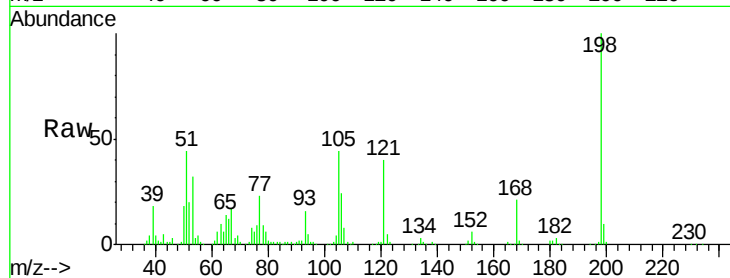
#65
4,6-Dinitro-2-methylphenol
Concen: 47.214 ng
RT: 10.45 min Scan# 1422
Delta R.T. 0.01 min
Lab File: BF120931.D
Acq: 20 Jul 2020 14:07

Instrument :
BNA_F
ClientSampled :
SP5204

Tot Ion	Ratio	Resp	Lower	Upper
198	100	205875		
51	43.7	19.5	59.5	
105	44.2	24.4	64.4	

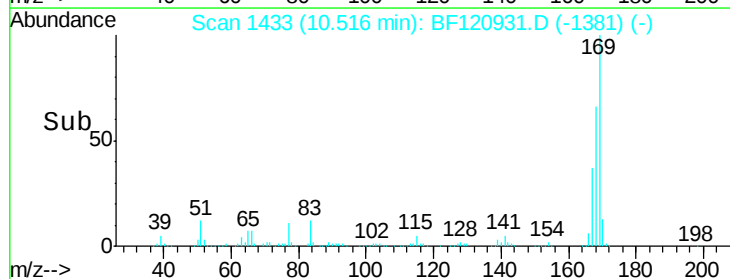
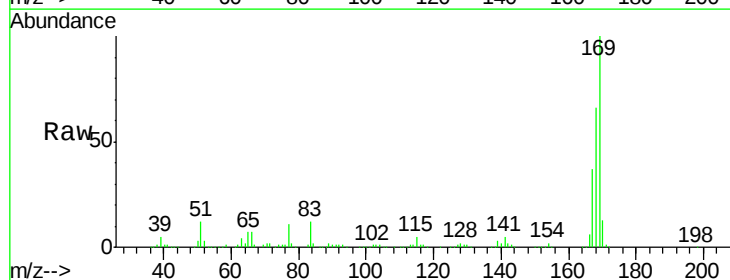
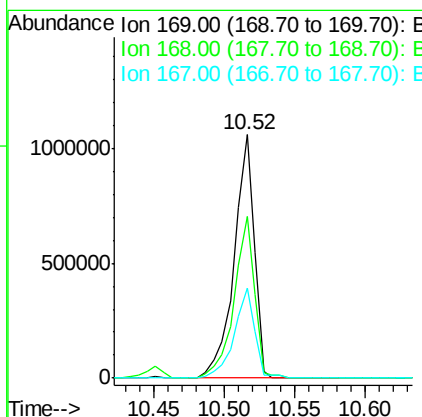
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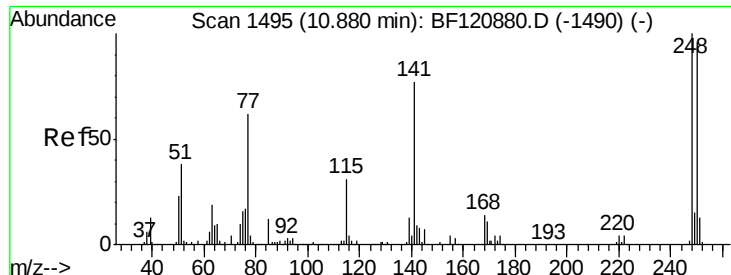
mohammad
7/21/2020 11:32:34 AM



#66
n-Nitrosodiphenylamine
Concen: 44.396 ng
RT: 10.52 min Scan# 1433
Delta R.T. 0.01 min
Lab File: BF120931.D
Acq: 20 Jul 2020 14:07

Tgt Ion	Ratio	Resp	Lower	Upper
169	100	1053759		
168	66.4	53.4	80.0	
167	37.0	29.4	44.0	





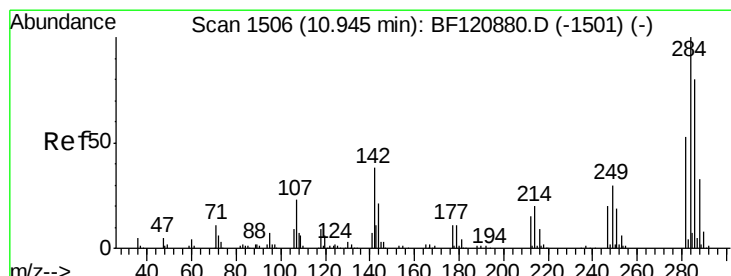
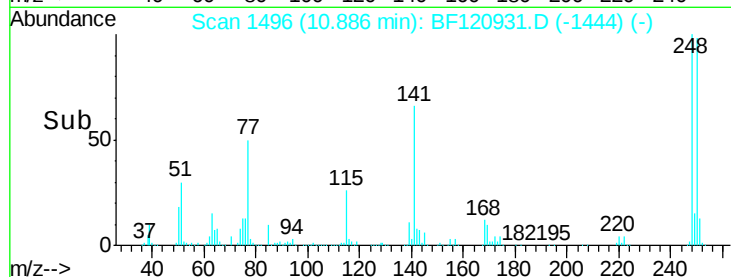
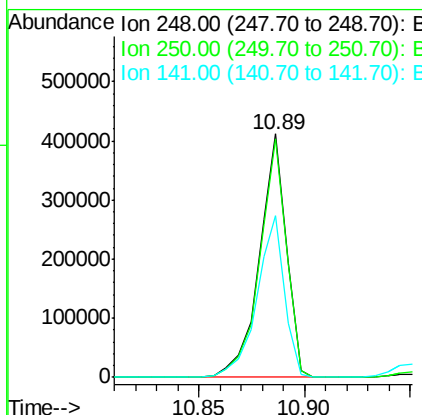
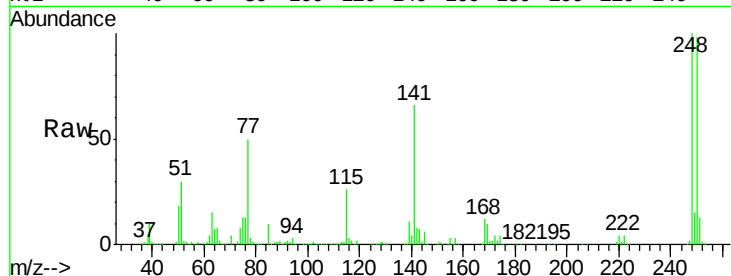
#67
 4-Bromophenyl-phenylether
 Concen: 43.437 ng
 RT: 10.89 min Scan# 1496
 Delta R.T. 0.01 min
 Lab File: BF120931.D
 Acq: 20 Jul 2020 14:07

Instrument :
 BNA_F
 ClientSampled :
 SP5204

Tot Ion	Ratio	Lower	Upper
248	100		
250	98.2	77.1	115.7
141	66.3	61.2	91.8

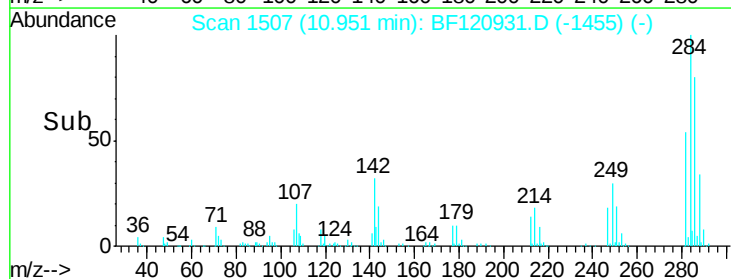
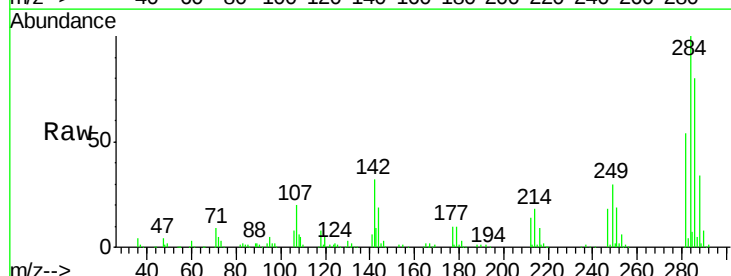
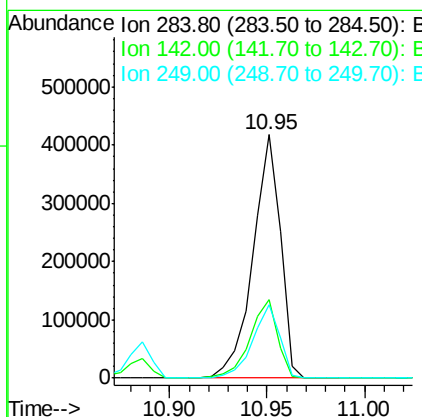
Manual Integrations
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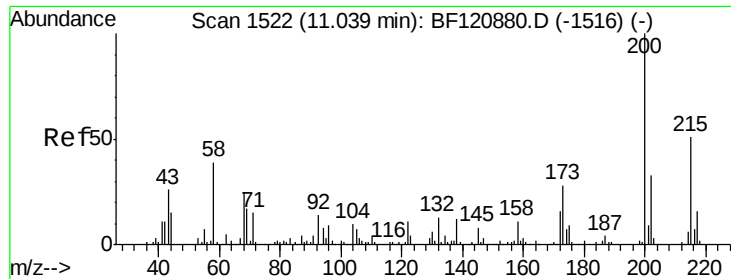
mohammad
 7/21/2020 11:32:34 AM



#68
 Hexachlorobenzene
 Concen: 44.688 ng
 RT: 10.95 min Scan# 1507
 Delta R.T. 0.01 min
 Lab File: BF120931.D
 Acq: 20 Jul 2020 14:07

Tgt Ion	Ratio	Lower	Upper
284	100		
142	32.2	30.2	45.2
249	29.9	24.2	36.2





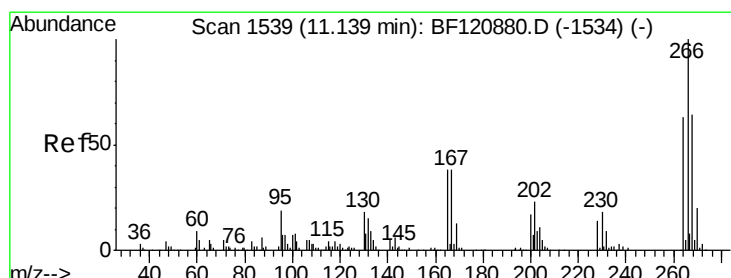
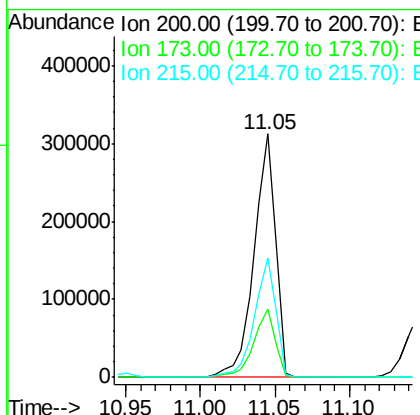
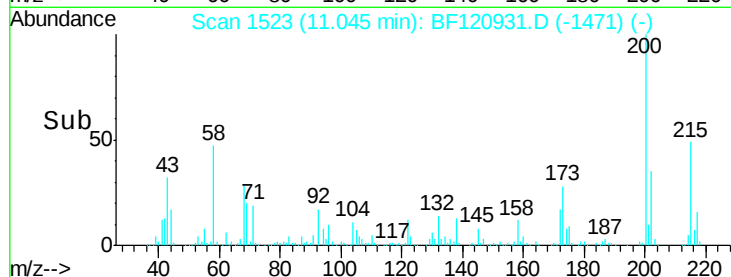
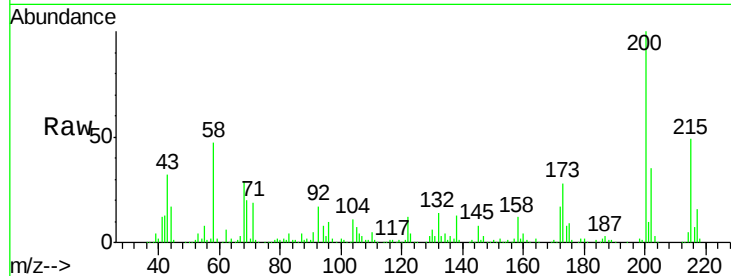
#69
Atrazine
Concen: 52.589 ng
RT: 11.05 min Scan# 1523
Delta R.T. 0.01 min
Lab File: BF120931.D
Acq: 20 Jul 2020 14:07

Instrument :
BNA_F
ClientSampled :
SP5204

Tot Ion	Ratio	Resp Lower	Upper
200	100		
173	28.3	8.0	48.0
215	49.3	31.5	71.5

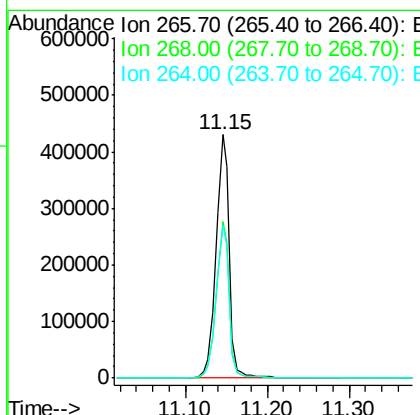
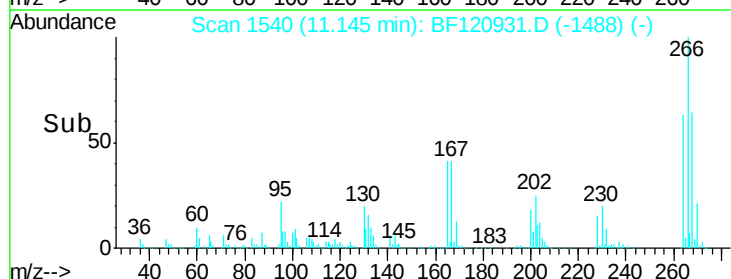
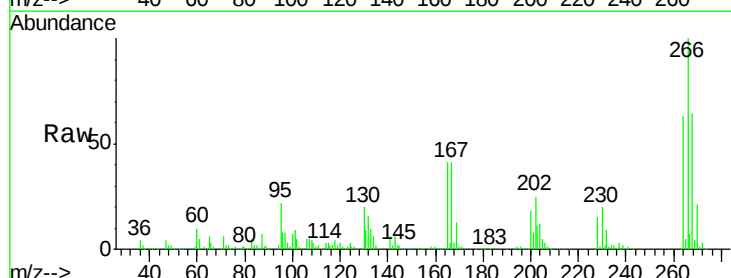
Manual Integrations
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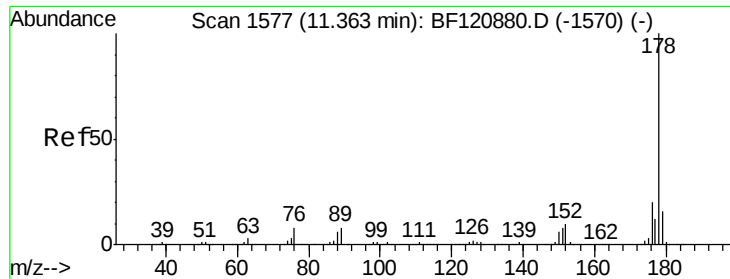
mohammad
7/21/2020 11:32:34 AM



#70
Pentachlorophenol
Concen: 94.150 ng
RT: 11.15 min Scan# 1540
Delta R.T. 0.01 min
Lab File: BF120931.D
Acq: 20 Jul 2020 14:07

Tgt Ion	Ratio	Resp Lower	Upper
266	100		
268	64.3	51.1	76.7
264	63.0	50.2	75.2





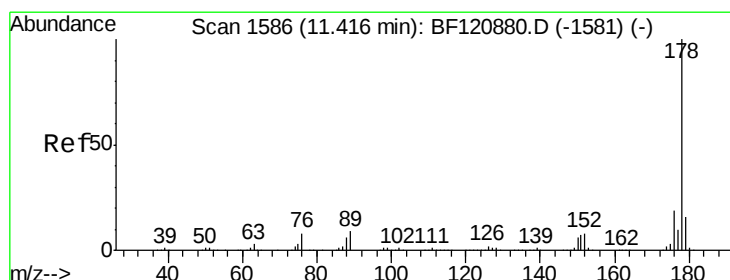
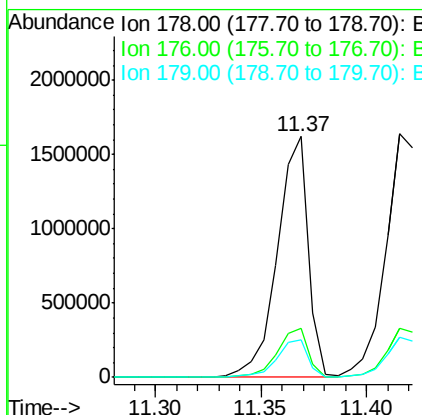
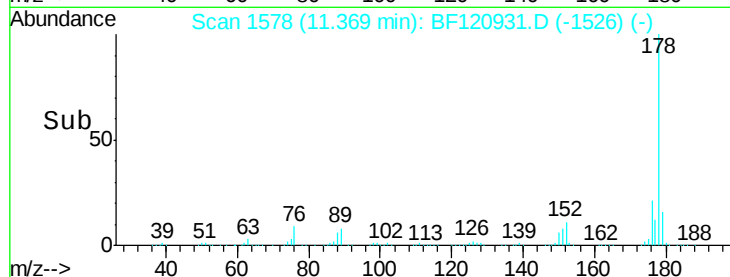
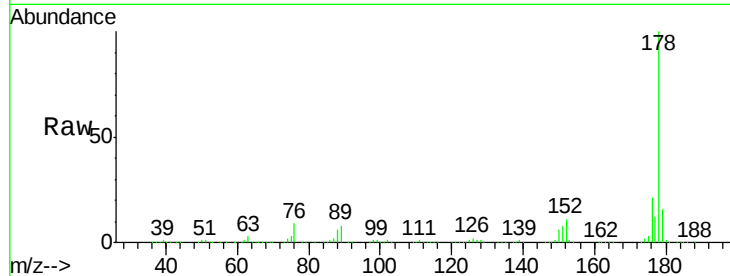
#71
Phenanthrene
Concen: 42.709 ng
RT: 11.37 min Scan# 1578
Delta R.T. 0.01 min
Lab File: BF120931.D
Acq: 20 Jul 2020 14:07

Instrument :
BNA_F
ClientSampleId :
SP5204

Tot Ion:178 Resp: 1657325
Ion Ratio Lower Upper
178 100
176 20.6 16.2 24.4
179 15.7 12.8 19.2

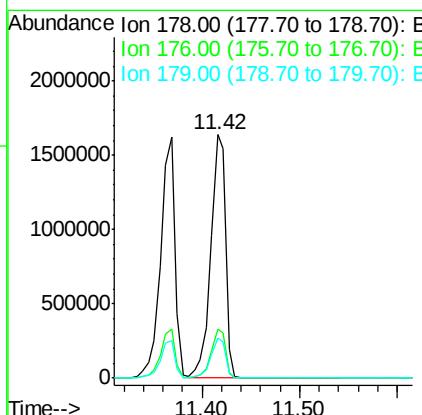
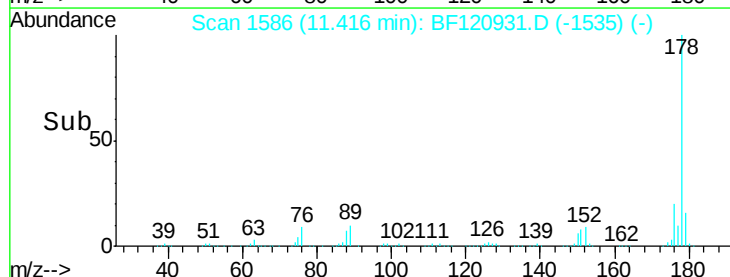
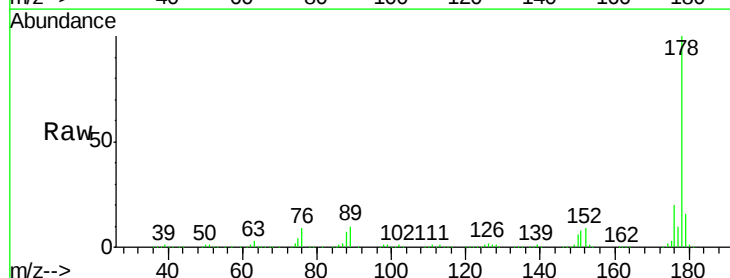
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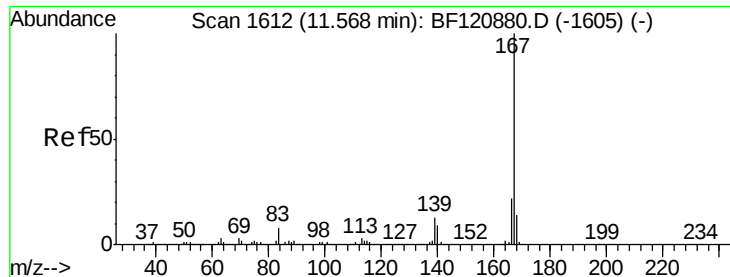
mohammad
7/21/2020 11:32:34 AM



#72
Anthracene
Concen: 44.199 ng
RT: 11.42 min Scan# 1586
Delta R.T. 0.00 min
Lab File: BF120931.D
Acq: 20 Jul 2020 14:07

Tgt Ion:178 Resp: 1722224
Ion Ratio Lower Upper
178 100
176 20.2 15.5 23.3
179 16.3 12.8 19.2





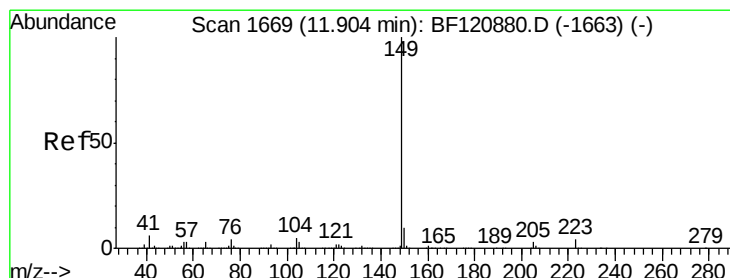
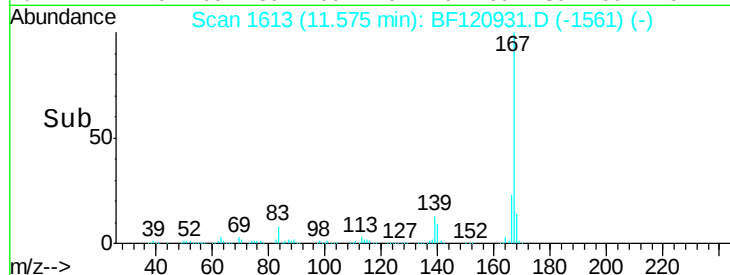
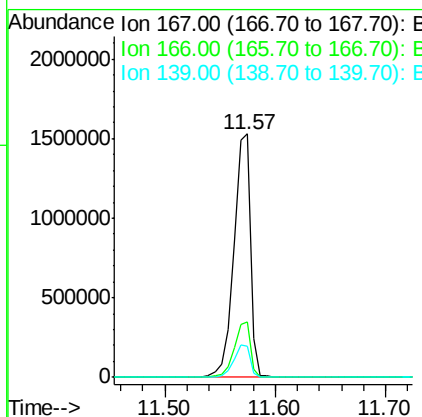
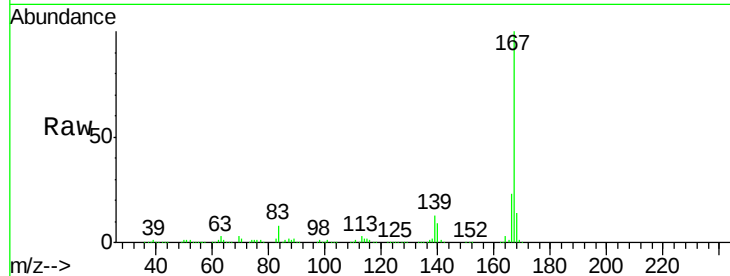
#73
 Carbazole
 Concen: 41.991 ng
 RT: 11.57 min Scan# 1613
 Delta R.T. 0.01 min
 Lab File: BF120931.D
 Acq: 20 Jul 2020 14:07

Instrument :
 BNA_F
 ClientSampleId :
 SP5204

Tot Ion:167 Resp: 1623766
 Ion Ratio Lower Upper
 167 100
 166 22.6 17.7 26.5
 139 12.8 10.1 15.1

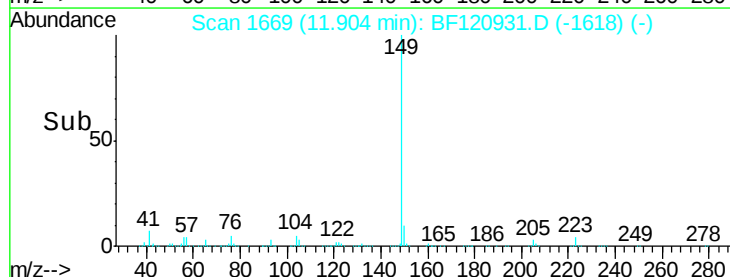
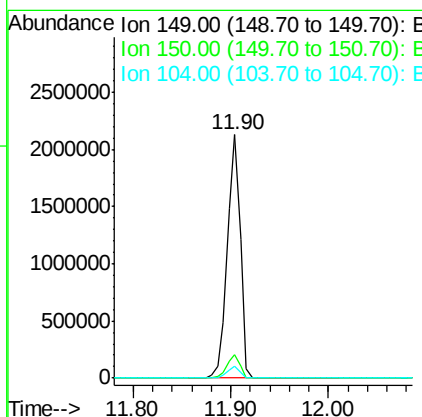
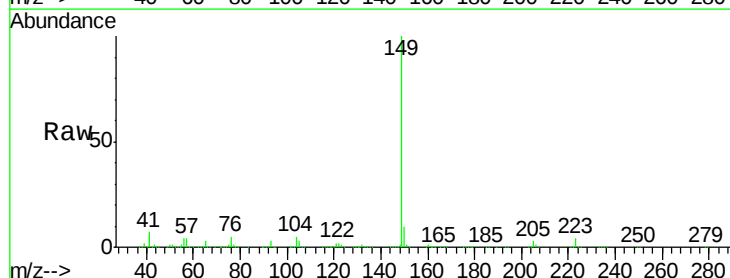
Manual Integrations
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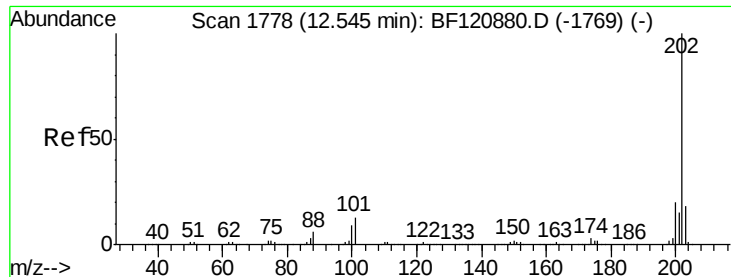
mohammad
 7/21/2020 11:32:34 AM



#74
 Di-n-butylphthalate
 Concen: 43.842 ng
 RT: 11.90 min Scan# 1669
 Delta R.T. 0.00 min
 Lab File: BF120931.D
 Acq: 20 Jul 2020 14:07

Tgt Ion:149 Resp: 1956447
 Ion Ratio Lower Upper
 149 100
 150 9.9 7.8 11.6
 104 5.1 3.8 5.6





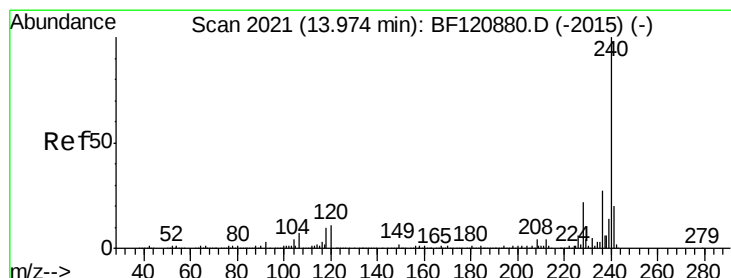
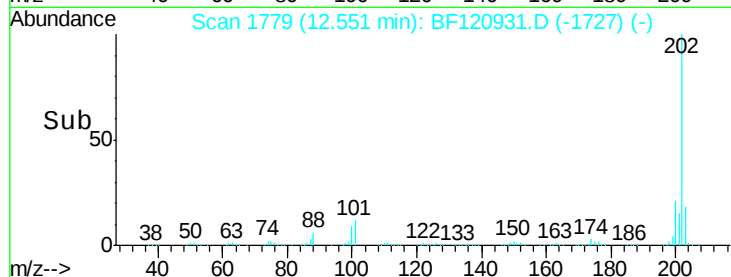
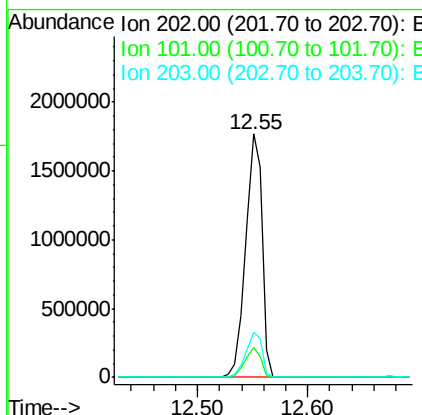
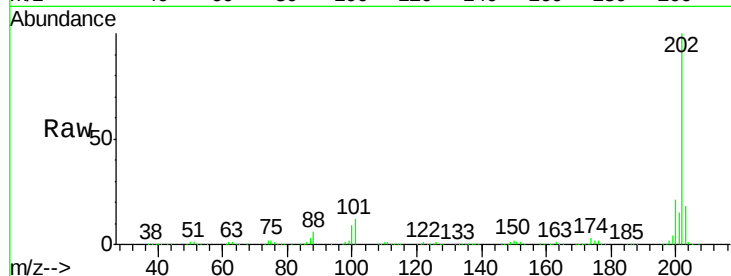
#75
Fluoranthene
Concen: 43.217 ng
RT: 12.55 min Scan# 1779
Delta R.T. 0.01 min
Lab File: BF120931.D
Acq: 20 Jul 2020 14:07

Instrument :
BNA_F
ClientSampleId :
SP5204

Tot Ion	Ratio	Lower	Upper
202	100		
101	12.3	0.0	32.7
203	18.4	0.0	38.0

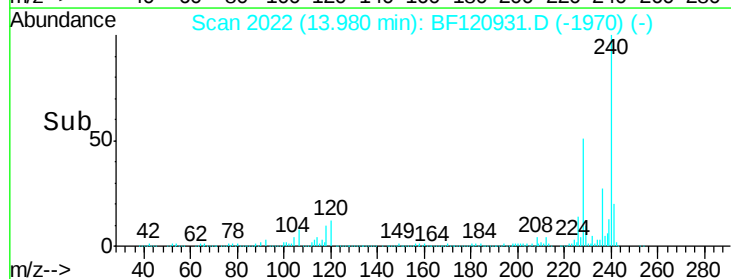
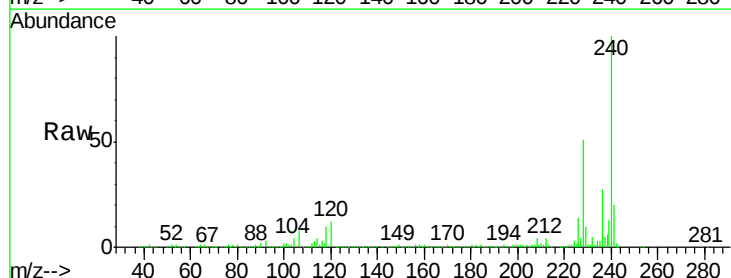
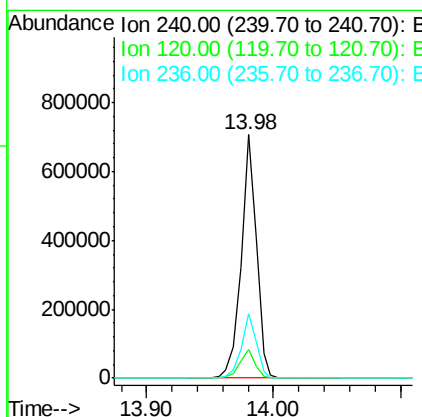
Manual Integrations
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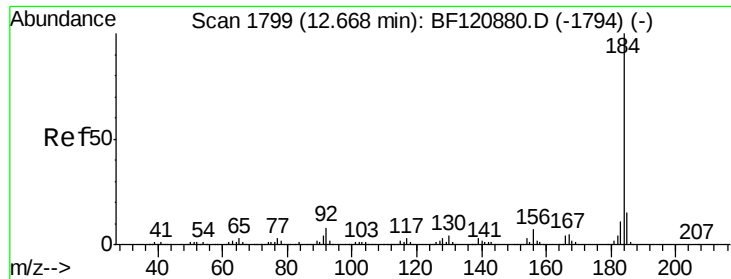
mohammad
7/21/2020 11:32:34 AM



#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.98 min Scan# 2022
Delta R.T. 0.01 min
Lab File: BF120931.D
Acq: 20 Jul 2020 14:07

Tgt Ion	Ratio	Lower	Upper
240	100		
120	11.7	9.0	13.4
236	26.6	21.7	32.5





#77

Benzidine

Concen: 85.840 ng

RT: 12.67 min Scan# 1800

Delta R.T. 0.01 min

Lab File: BF120931.D

Acq: 20 Jul 2020 14:07

Instrument :

BNA_F

ClientSampleId :

SP5204

Tot Ion:184 Resp: 1304879

Ion Ratio Lower Upper

184 100

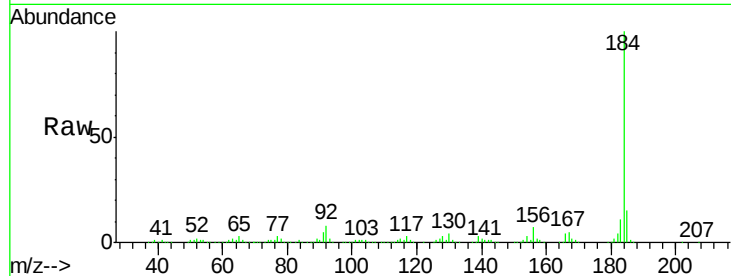
185 14.7 12.2 18.2

183 11.2 8.5 12.7

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mohammad

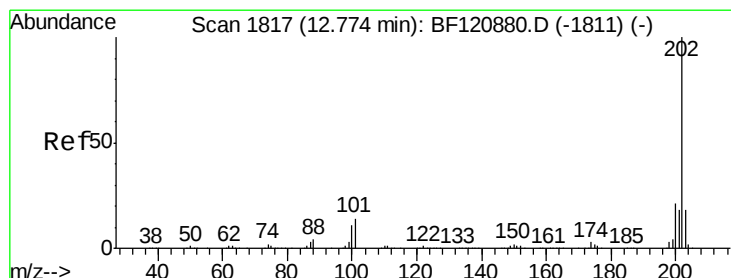
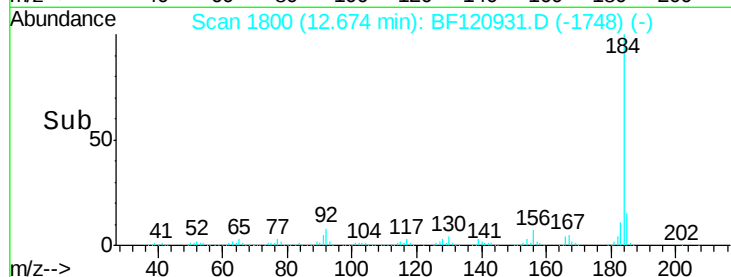
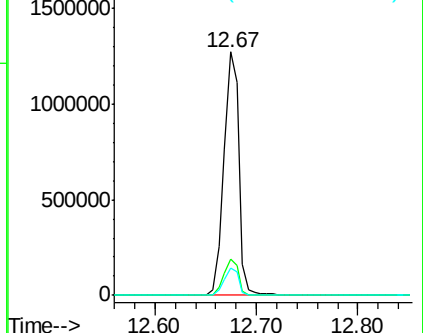
7/21/2020 11:32:34 AM



Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E



#78

Pyrene

Concen: 46.526 ng

RT: 12.78 min Scan# 1818

Delta R.T. 0.01 min

Lab File: BF120931.D

Acq: 20 Jul 2020 14:07

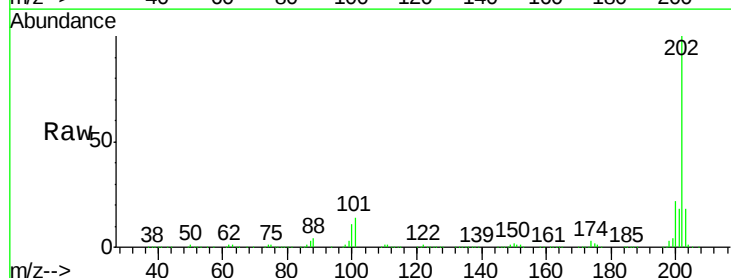
Tgt Ion:202 Resp: 1901867

Ion Ratio Lower Upper

202 100

200 21.7 17.0 25.4

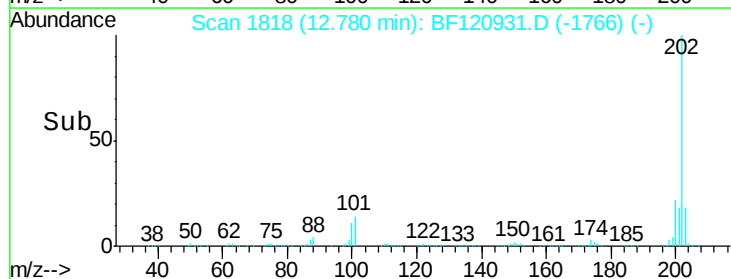
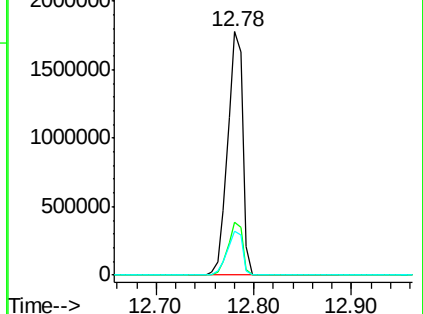
203 18.3 14.4 21.6

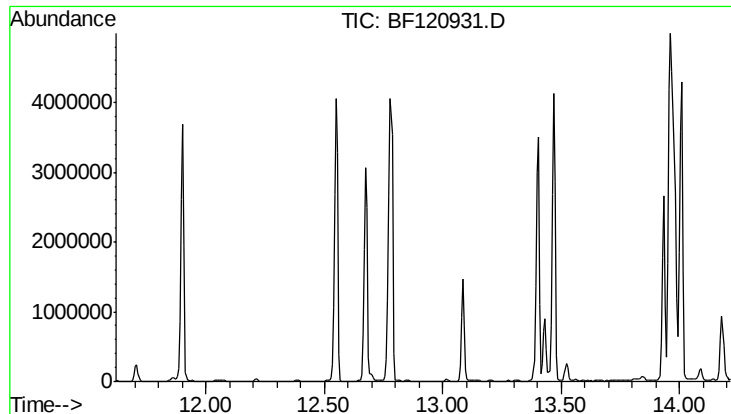


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





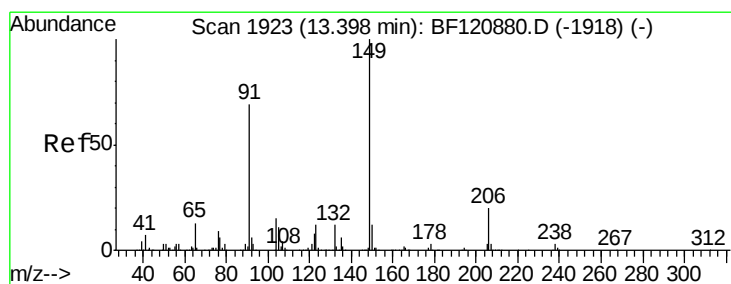
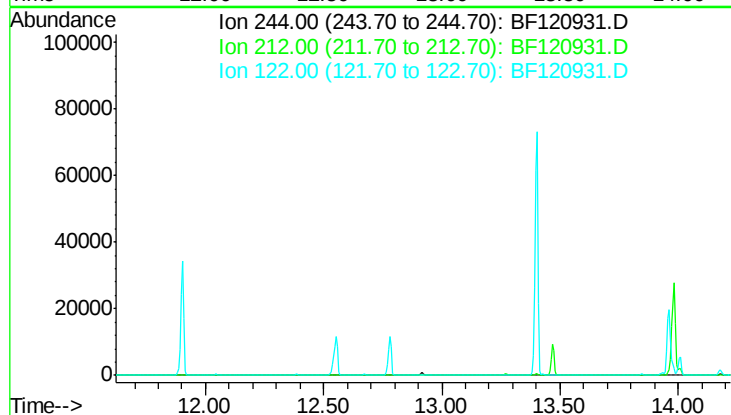
#79
 Terphenyl-d14
 Concen: 0.000 ng
 Expected RT: 12.92 min
 Lab File: BF120931.D
 Acq: 20 Jul 2020 14:07

Instrument :
 BNA_F
 ClientSampleId :
 SP5204

Tot Ion: 244
 Sig Exp Ratio
 244 100
 212 7.0
 122 11.1

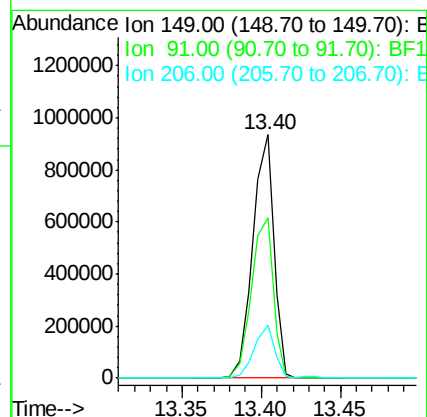
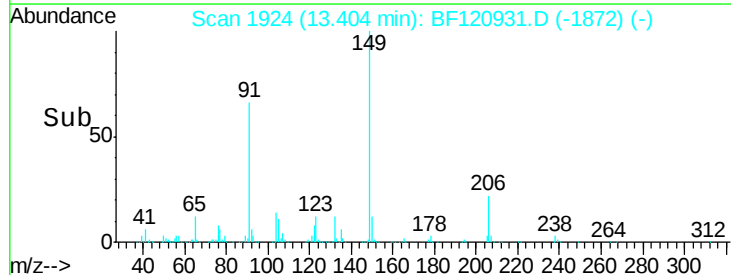
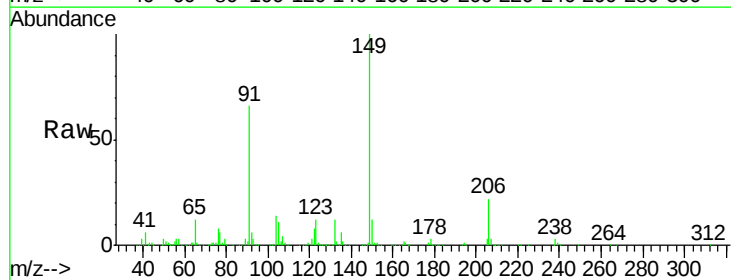
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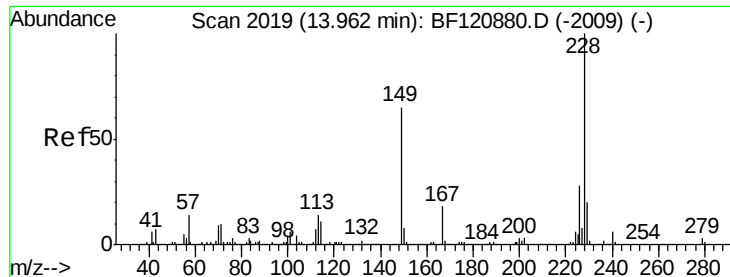
mohammad
 7/21/2020 11:32:34 AM



#80
 Butylbenzylphthalate
 Concen: 47.460 ng
 RT: 13.40 min Scan# 1924
 Delta R.T. 0.01 min
 Lab File: BF120931.D
 Acq: 20 Jul 2020 14:07

Tgt Ion:149 Resp: 864837
 Ion Ratio Lower Upper
 149 100
 91 65.9 55.1 82.7
 206 21.6 16.1 24.1





#81

Benzo(a)anthracene

Concen: 42.819 ng

RT: 13.97 min Scan# 2021

Delta R.T. 0.01 min

Lab File: BF120931.D

Acq: 20 Jul 2020 14:07

Instrument :

BNA_F

ClientSampleId :

SP5204

Tot Ion:228 Resp: 1499172

Ion Ratio Lower Upper

228 100

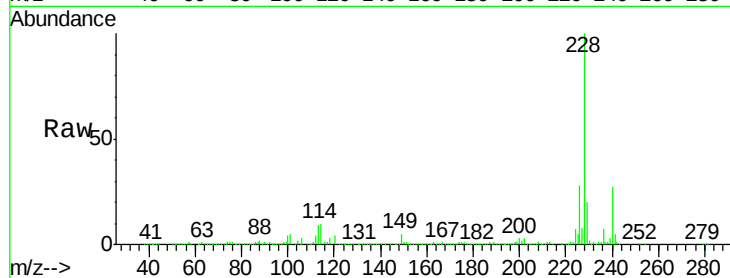
226 28.0 22.3 33.5

229 19.7 16.1 24.1

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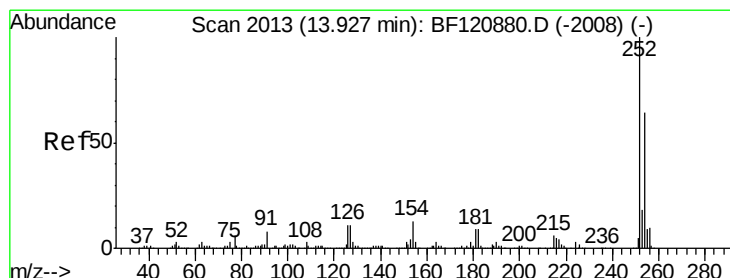
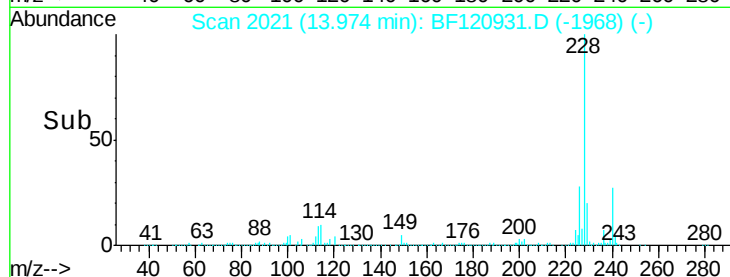
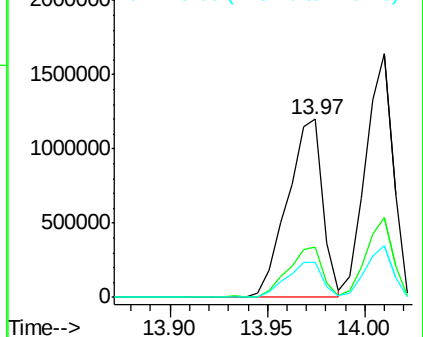
7/21/2020 11:32:34 AM



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: 40.270 ng

RT: 13.93 min Scan# 2014

Delta R.T. 0.01 min

Lab File: BF120931.D

Acq: 20 Jul 2020 14:07

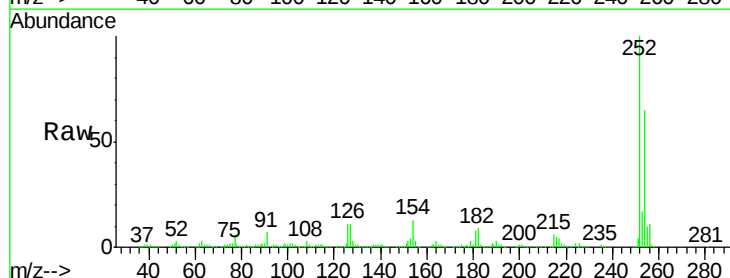
Tgt Ion:252 Resp: 531921

Ion Ratio Lower Upper

252 100

254 64.7 51.2 76.8

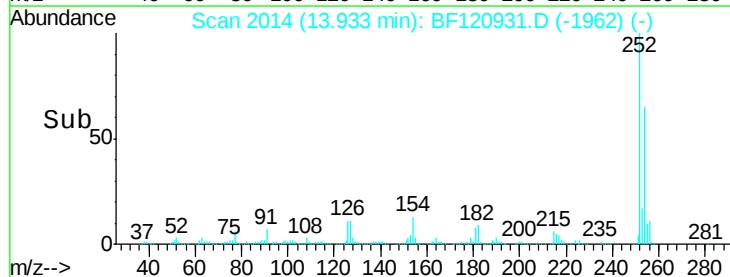
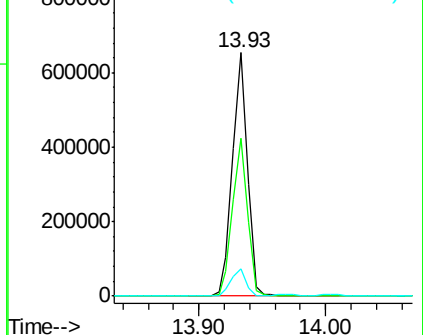
126 11.0 8.7 13.1

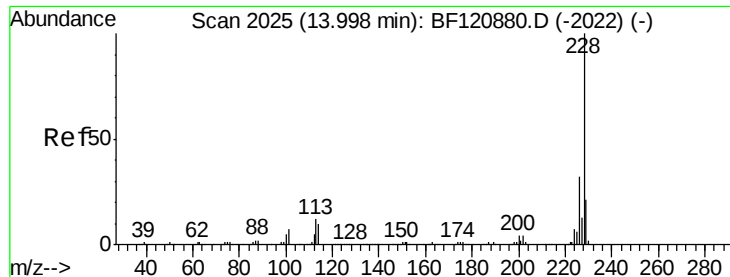


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 254.00 (253.70 to 254.70): E

Ion 126.00 (125.70 to 126.70): E





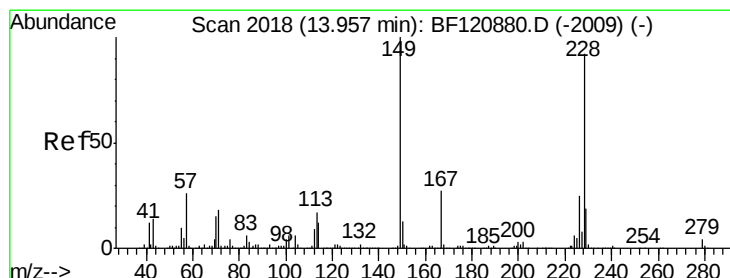
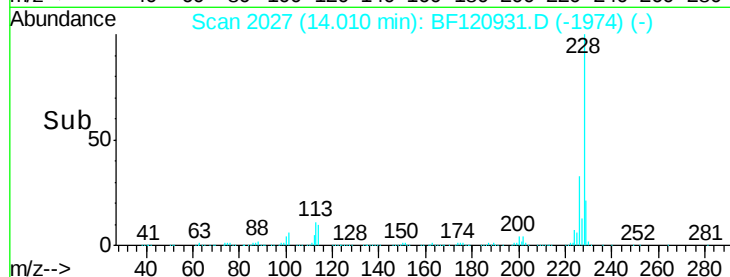
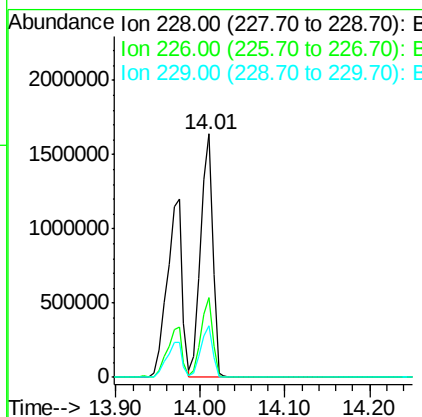
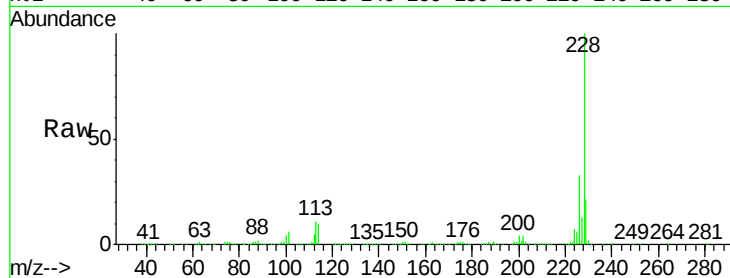
#83
 Chrvsene
 Concen: 43.553 ng
 RT: 14.01 min Scan# 2027
 Delta R.T. 0.01 min
 Lab File: BF120931.D
 Acq: 20 Jul 2020 14:07

Instrument :
 BNA_F
 ClientSampleId :
 SP5204

Tot Ion:228 Resp: 1602462
 Ion Ratio Lower Upper
 228 100
 226 32.6 25.6 38.4
 229 21.0 16.8 25.2

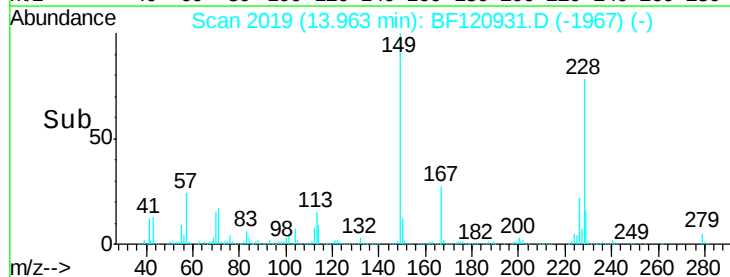
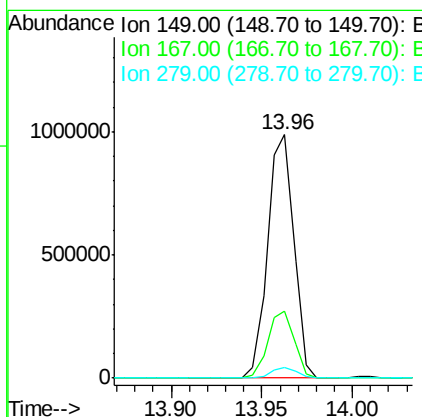
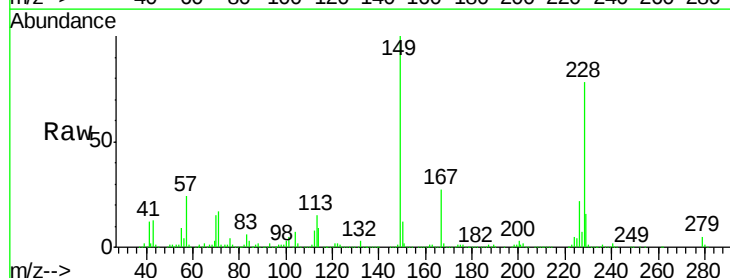
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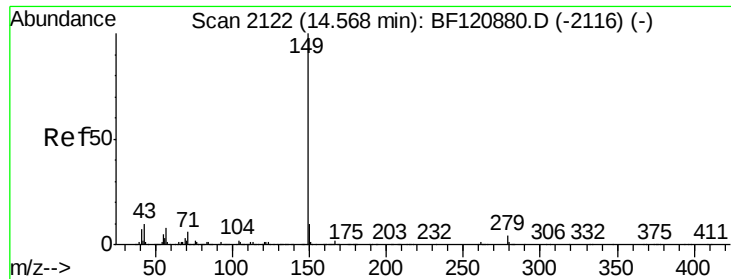
mohammad
 7/21/2020 11:32:34 AM



#84
 Bis(2-ethylhexyl)phthalate
 Concen: 44.316 ng
 RT: 13.96 min Scan# 2019
 Delta R.T. 0.01 min
 Lab File: BF120931.D
 Acq: 20 Jul 2020 14:07

Tgt Ion:149 Resp: 995796
 Ion Ratio Lower Upper
 149 100
 167 27.5 21.9 32.9
 279 4.5 3.0 4.4#





#85

Di-n-octyl phthalate

Concen: 45.030 ng

RT: 14.57 min Scan# 2123

Delta R.T. 0.01 min

Lab File: BF120931.D

Acq: 20 Jul 2020 14:07

Instrument :

BNA_F

ClientSampled :

SP5204

Tot Ion:149 Resp: 2013079

Ion Ratio Lower Upper

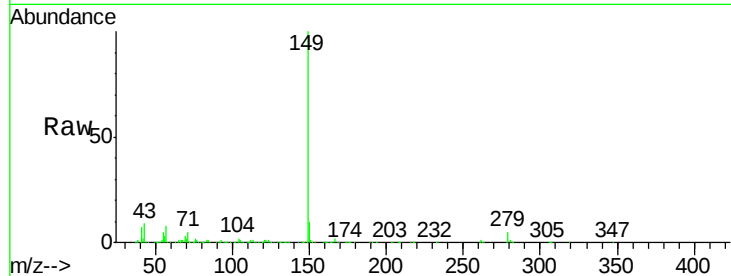
149 100

167 1.7 1.3 1.9

43 9.2 7.6 11.4

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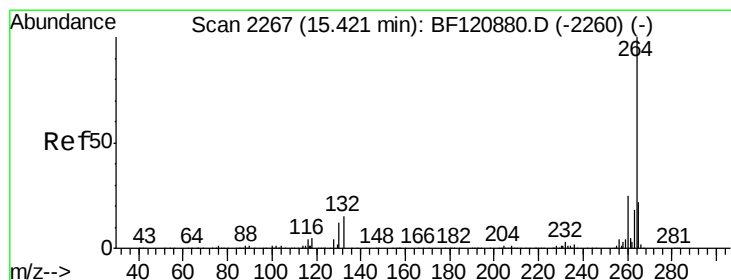
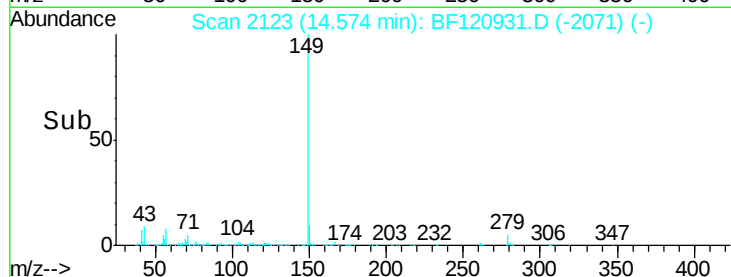
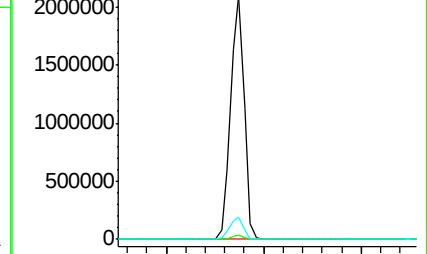
mohammad
7/21/2020 11:32:34 AM



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 43.00 (42.70 to 43.70): BF1



#86

Perylene-d12

Concen: 20.000 ng

RT: 15.43 min Scan# 2268

Delta R.T. 0.01 min

Lab File: BF120931.D

Acq: 20 Jul 2020 14:07

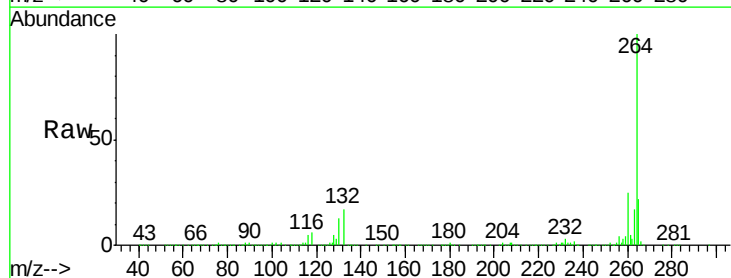
Tgt Ion:264 Resp: 611387

Ion Ratio Lower Upper

264 100

260 25.3 20.0 30.0

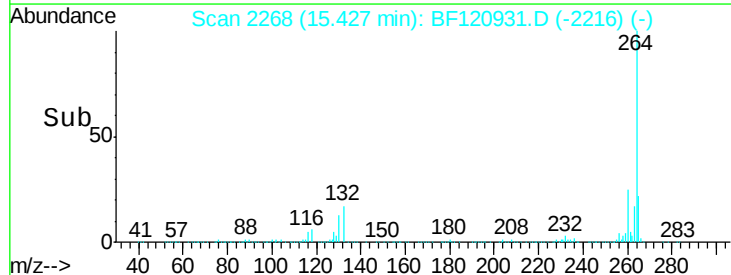
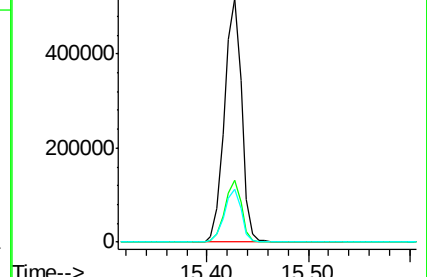
265 21.9 17.4 26.2

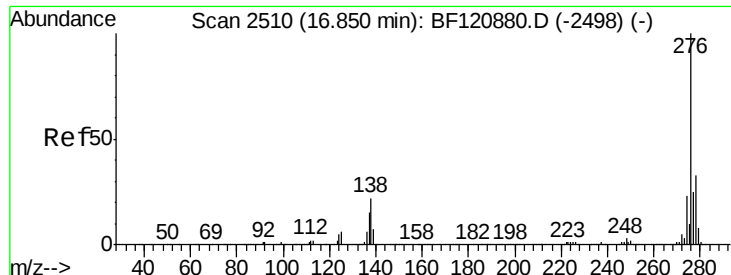


Abundance Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E





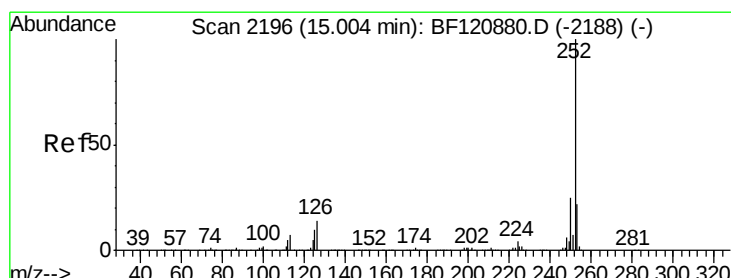
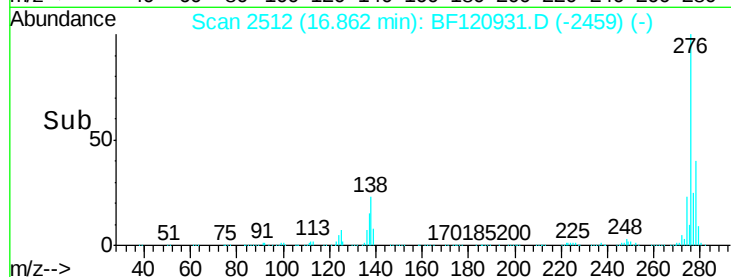
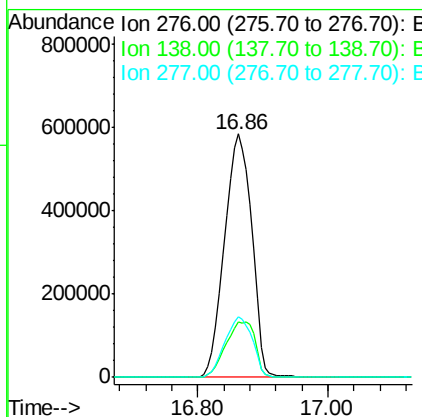
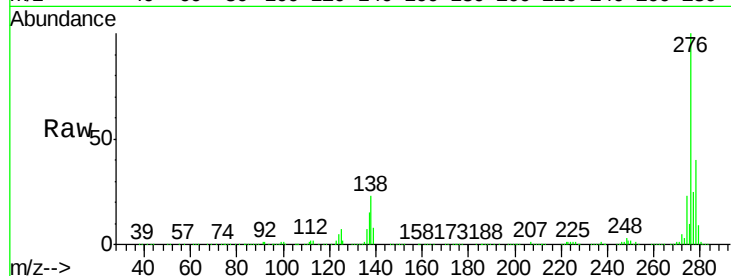
#87
Indeno(1,2,3-cd)pyrene
Concen: 40.081 ng
RT: 16.86 min Scan# 2512
Delta R.T. 0.01 min
Lab File: BF120931.D
Acq: 20 Jul 2020 14:07

Instrument :
BNA_F
ClientSampleId :
SP5204

Tot Ion	Ion	Ratio	Lower	Upper
276	100			
138	24.7	19.8	29.8	
277	25.2	20.2	30.2	

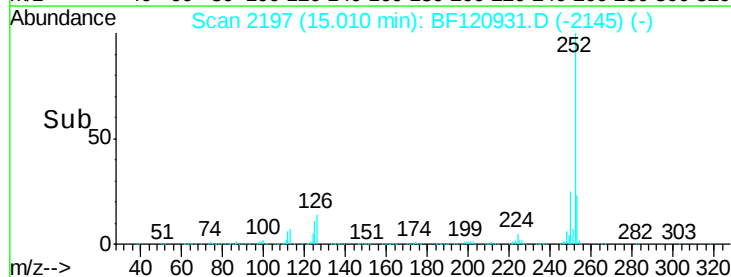
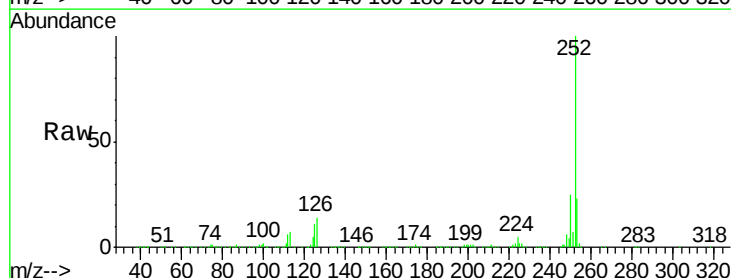
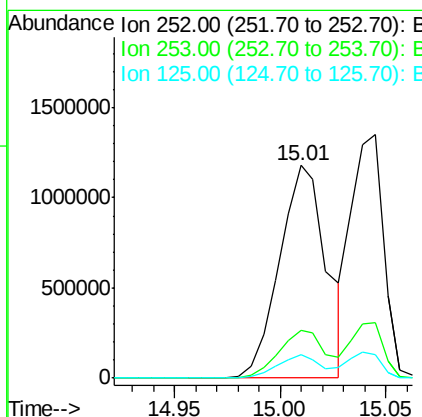
Manual Integrations
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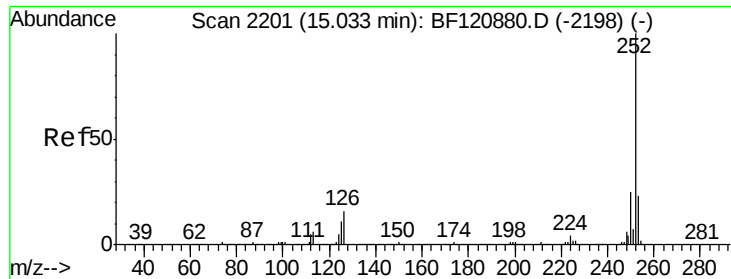
mohammad
7/21/2020 11:32:34 AM



#88
Benzo(b)fluoranthene
Concen: 49.460 ng
RT: 15.01 min Scan# 2197
Delta R.T. 0.01 min
Lab File: BF120931.D
Acq: 20 Jul 2020 14:07

Tgt Ion	Ion	Ratio	Lower	Upper
252	100			
253	22.6	18.0	27.0	
125	10.9	8.3	12.5	





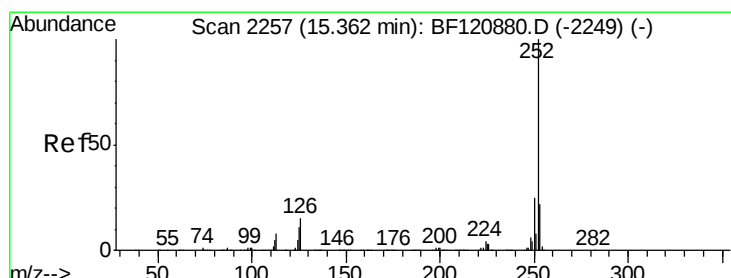
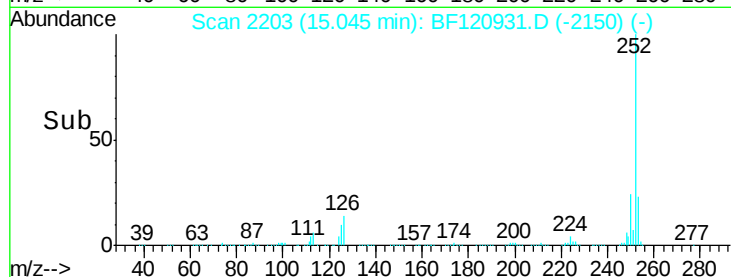
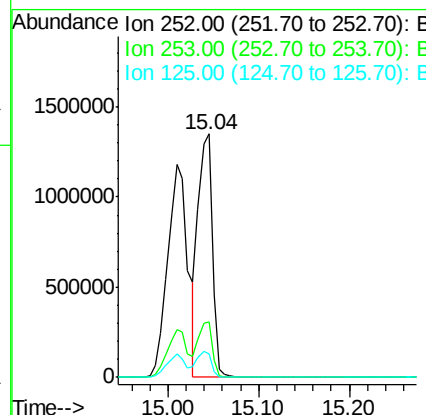
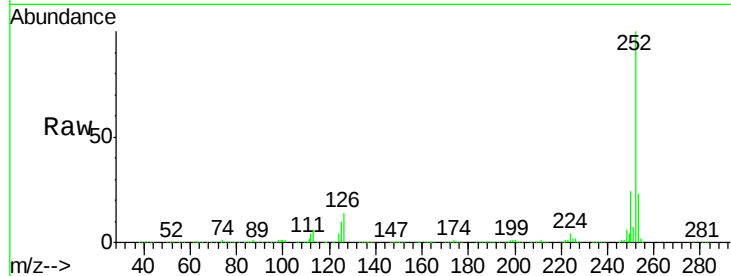
#89
Benzo(k)fluoranthene
Concen: 43.204 ng
RT: 15.04 min Scan# 2203
Delta R.T. 0.01 min
Lab File: BF120931.D
Acq: 20 Jul 2020 14:07

Instrument :
BNA_F
ClientSampleId :
SP5204

Tot Ion	Ratio	Lower	Upper
252	100		
253	22.9	18.2	27.2
125	9.5	8.4	12.6

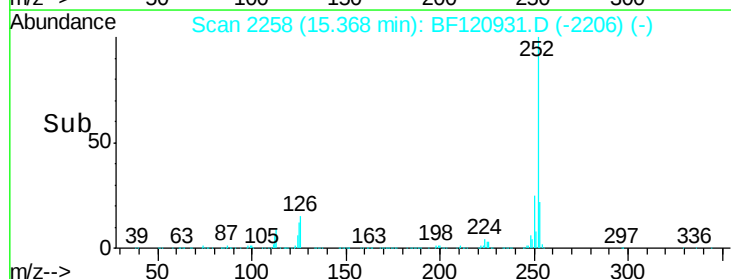
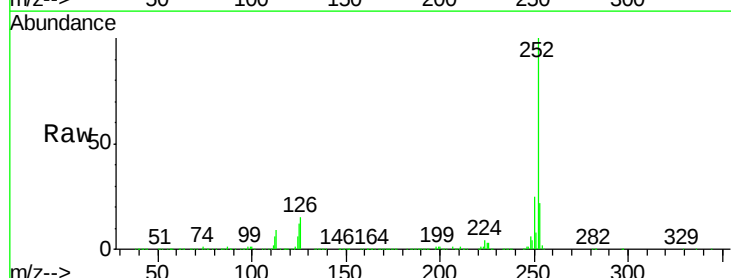
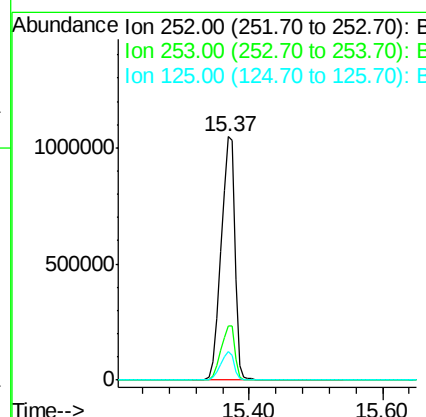
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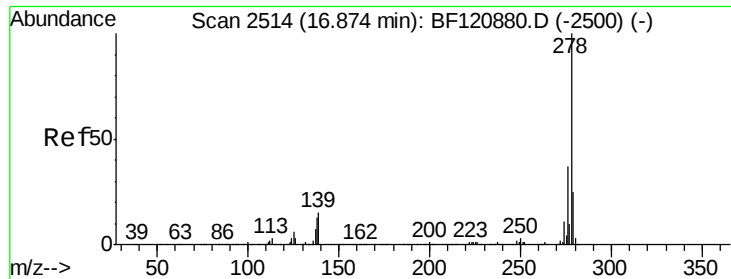
mohammad
7/21/2020 11:32:34 AM



#90
Benzo(a)pyrene
Concen: 45.691 ng
RT: 15.37 min Scan# 2258
Delta R.T. 0.01 min
Lab File: BF120931.D
Acq: 20 Jul 2020 14:07

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.2	17.8	26.8
125	11.8	8.9	13.3





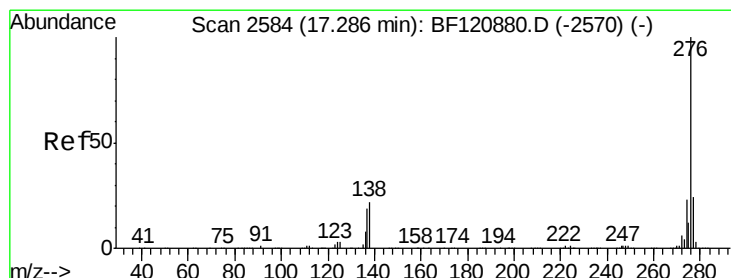
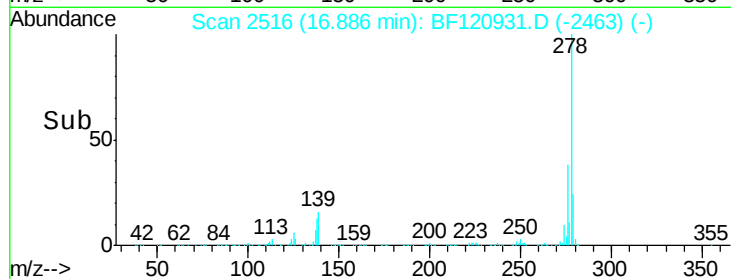
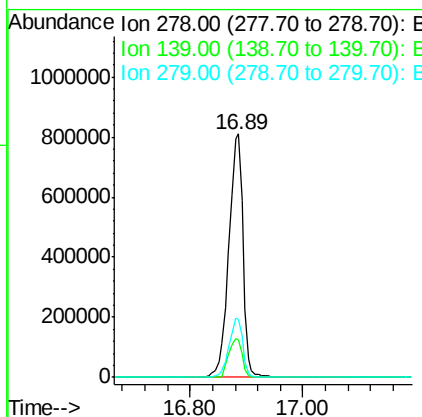
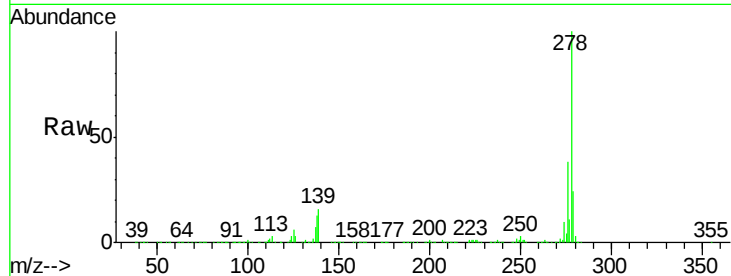
#91
Dibenzo(a,h)anthracene
Concen: 40.983 ng
RT: 16.89 min Scan# 2516
Delta R.T. 0.01 min
Lab File: BF120931.D
Acq: 20 Jul 2020 14:07

Instrument :
BNA_F
ClientSampleId :
SP5204

Tot Ion:278 Resp: 1423433
Ion Ratio Lower Upper
278 100
139 15.6 12.3 18.5
279 24.0 20.1 30.1

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mohammad
7/21/2020 11:32:34 AM



#92
Benzo(g,h,i)perylene
Concen: 40.101 ng
RT: 17.30 min Scan# 2586
Delta R.T. 0.01 min
Lab File: BF120931.D
Acq: 20 Jul 2020 14:07

Tgt Ion:276 Resp: 1373289
Ion Ratio Lower Upper
276 100
277 24.2 18.8 28.2
138 22.3 17.5 26.3

