

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF070920\
 Data File : BF120816.D
 Acq On : 9 Jul 2020 13:57
 Operator : JU/CG
 Sample : L3216-08
 Misc : LOQ-WATER-10PPM
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 LOQ-WATER-02-QT3-2020

Manual Integrations
 APPROVED

mohammad
 7/10/2020 11:49:44 AM

Quant Time: Jul 09 14:35:09 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF070220.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Jul 09 11:36:34 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.85	152	134145	20.00	ng	0.00
21) Naphthalene-d8	8.13	136	506629	20.00	ng	0.00
39) Acenaphthene-d10	9.89	164	250614	20.00	ng	0.00
64) Phenanthrene-d10	11.37	188	445263	20.00	ng	0.00
76) Chrysene-d12	14.00	240	334955	20.00	ng	0.00
86) Perylene-d12	15.46	264	271616	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.46	112	846789	97.44	ng	0.00
7) Phenol-d6	6.47	99	1079081	97.24	ng	0.00
23) Nitrobenzene-d5	7.41	82	694070	79.37	ng	0.00
42) 2,4,6-Tribromophenol	10.67	330	262762	104.36	ng	0.00
45) 2-Fluorobiphenyl	9.21	172	1268925	76.60	ng	0.00
79) Terphenyl-d14	12.96	244	1050237	61.39	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.58	88	40102	10.102	ng	100
3) Pyridine	3.36	79	78010	7.175	ng	98
4) n-Nitrosodimethylamine	3.26	42	47242	8.685	ng	96
6) Aniline	6.50	93	132628	9.306	ng	100
8) 2-Chlorophenol	6.63	128	84084	9.088	ng	95
9) Benzaldehyde	6.39	77	73834	11.187	ng	98
10) Phenol	6.48	94	107037	9.376	ng	95
11) bis(2-Chloroethyl)ether	6.58	93	84344	9.079	ng	99
12) 1,3-Dichlorobenzene	6.79	146	93607	9.192	ng	96
13) 1,4-Dichlorobenzene	6.86	146	94941	9.308	ng	98
14) 1,2-Dichlorobenzene	7.02	146	89901	9.264	ng	99
15) Benzyl Alcohol	6.98	79	81081	9.724	ng	98
16) 2,2'-oxybis(1-Chloropropan	7.12	45	125147	8.637	ng	100
17) 2-Methylphenol	7.09	107	68099	8.228	ng	96
18) Hexachloroethane	7.36	117	34764	9.068	ng	97
19) n-Nitroso-di-n-propylamine	7.25	70	59950	8.972	ng	97
20) 3+4-Methylphenols	7.24	107	86738	8.509	ng	93
22) Acetophenone	7.25	105	126896	10.077	ng	95
24) Nitrobenzene	7.42	77	96261	9.804	ng	94
25) Isophorone	7.66	82	161546	8.566	ng	97
26) 2-Nitrophenol	7.74	139	31053	8.652	ng	94
27) 2,4-Dimethylphenol	7.77	122	71455	9.492	ng	99
28) bis(2-Chloroethoxy)methane	7.87	93	101530	9.097	ng	98
29) 2,4-Dichlorophenol	7.98	162	65142	8.668	ng	98
30) 1,2,4-Trichlorobenzene	8.07	180	74195	8.790	ng	99
31) Naphthalene	8.15	128	254287	9.392	ng	98
32) Benzoic acid	7.83	122	25591m	6.281	ng	
33) 4-Chloroaniline	8.19	127	98052	8.534	ng	94
34) Hexachlorobutadiene	8.27	225	43011	8.472	ng	98
35) Caprolactam	8.53	113	17470	7.978	ng	91
36) 4-Chloro-3-methylphenol	8.67	107	66091	8.454	ng	97
37) 2-Methylnaphthalene	8.84	142	162275	9.220	ng	98
38) 1-Methylnaphthalene	8.94	142	151796	9.207	ng	98
40) 1,2,4,5-Tetrachlorobenzene	9.00	216	71176	9.397	ng	98

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF070920\
 Data File : BF120816.D
 Acq On : 9 Jul 2020 13:57
 Operator : JU/CG
 Sample : L3216-08
 Misc : LOQ-WATER-10PPM
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleID :
 LOQ-WATER-02-QT3-2020

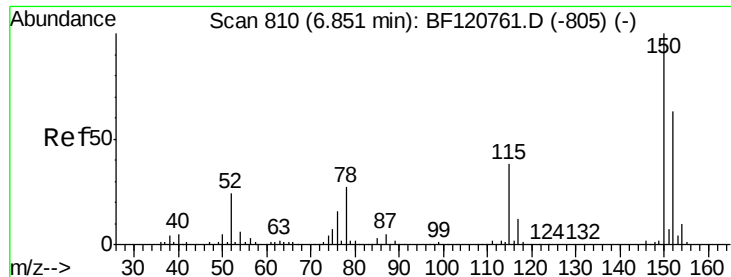
Manual Integrations
 APPROVED

mohammad
 7/10/2020 11:49:44 AM

Quant Time: Jul 09 14:35:09 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF070220.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Jul 09 11:36:34 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	9.00	237	34634	7.739	ng	98
43) 2,4,6-Trichlorophenol	9.12	196	40107	7.771	ng	99
44) 2,4,5-Trichlorophenol	9.15	196	44736	7.810	ng	97
46) 1,1'-Biphenyl	9.30	154	204504	10.116	ng	98
47) 2-Chloronaphthalene	9.33	162	144104	8.898	ng	99
48) 2-Nitroaniline	9.42	65	40085	9.251	ng	87
49) Acenaphthylene	9.75	152	230986	9.097	ng	98
50) Dimethylphthalate	9.60	163	161387	8.828	ng	99
51) 2,6-Dinitrotoluene	9.66	165	30001	9.084	ng	88
52) Acenaphthene	9.92	154	136974	8.696	ng	98
53) 3-Nitroaniline	9.83	138	34433	8.439	ng	95
54) 2,4-Dinitrophenol	9.93	184	4883	4.477	ng	# 22
55) Dibenzofuran	10.09	168	208908	9.201	ng	100
56) 4-Nitrophenol	9.97	139	23024	7.682	ng	95
57) 2,4-Dinitrotoluene	10.06	165	35851	9.041	ng	95
58) Fluorene	10.43	166	160408	9.491	ng	100
59) 2,3,4,6-Tetrachlorophenol	10.20	232	36135	8.478	ng	89
60) Diethylphthalate	10.30	149	162714	8.544	ng	99
61) 4-Chlorophenyl-phenylether	10.42	204	76654	9.022	ng	93
62) 4-Nitroaniline	10.43	138	33873	8.720	ng	93
63) Azobenzene	10.58	77	175807	9.024	ng	93
65) 4,6-Dinitro-2-methylphenol	10.46	198	8813	6.160	ng	99
66) n-Nitrosodiphenylamine	10.54	169	133342	8.935	ng	98
67) 4-Bromophenyl-phenylether	10.92	248	41389	8.013	ng	97
68) Hexachlorobenzene	10.97	284	46326	8.547	ng	99
69) Atrazine	11.06	200	37167	9.667	ng	97
70) Pentachlorophenol	11.17	266	19264	6.282	ng	98
71) Phenanthrene	11.39	178	219841	9.100	ng	98
72) Anthracene	11.44	178	222402	9.110	ng	99
73) Carbazole	11.59	167	200266	8.536	ng	98
74) Di-n-butylphthalate	11.93	149	228443	7.865	ng	98
75) Fluoranthene	12.57	202	219310	8.521	ng	97
77) Benzidine	12.70	184	89231	9.438	ng	# 95
78) Pyrene	12.80	202	228184	8.530	ng	98
80) Butylbenzylphthalate	13.43	149	76948	6.662	ng	99
81) Benzo(a)anthracene	13.99	228	191637	8.925	ng	99
82) 3,3'-Dichlorobenzidine	13.96	252	57841	7.983	ng	# 98
83) Chrysene	14.03	228	181933	8.307	ng	98
84) Bis(2-ethylhexyl)phthalate	13.99	149	119163	7.868	ng	100
85) Di-n-octyl phthalate	14.60	149	154958	5.783	ng	98
87) Indeno(1,2,3-cd)pyrene	16.90	276	133351	7.654	ng	97
88) Benzo(b)fluoranthene	15.04	252	144813	8.110	ng	98
89) Benzo(k)fluoranthene	15.06	252	154808	8.910	ng	98
90) Benzo(a)pyrene	15.40	252	123565	7.757	ng	100
91) Dibenzo(a,h)anthracene	16.93	278	115443	7.950	ng	99
92) Benzo(g,h,i)perylene	17.34	276	110968	8.362	ng	96

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



#1

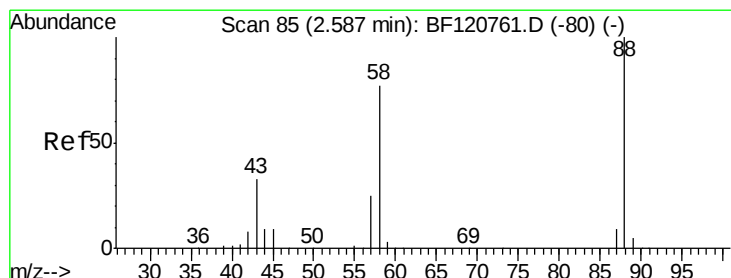
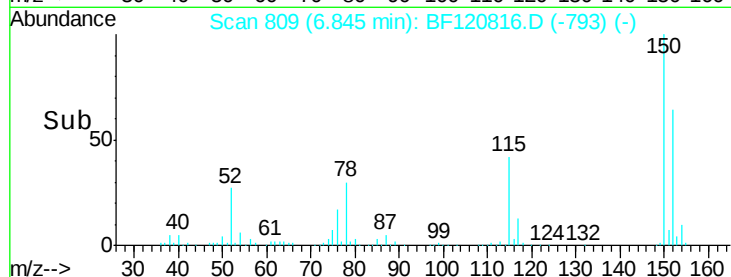
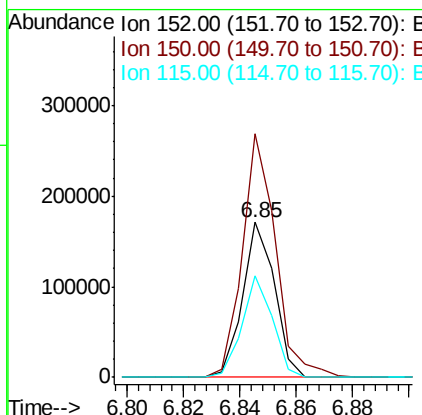
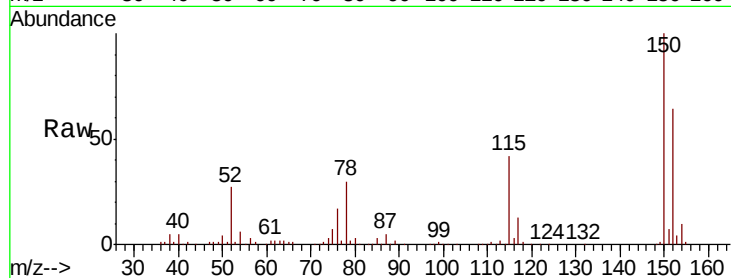
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.85 min Scan# 809
Delta R.T. -0.01 min
Lab File: BF120816.D
Acq: 9 Jul 2020 13:57

Instrument :
BNA_F
ClientSampleId :
LOQ-WATER-02-QT3-2020

Tot Ion	Ratio	Lower	Upper
152	100		
150	157.2	126.1	189.1
115	65.5	48.5	72.7

Manual Integrations
APPROVED

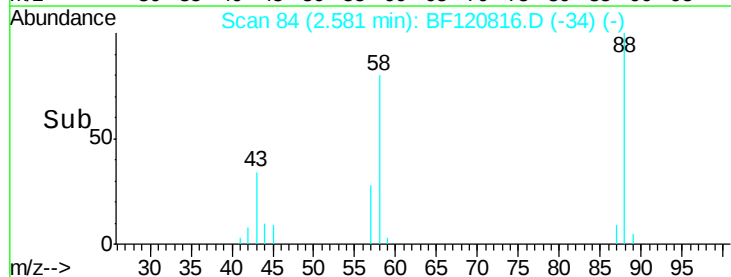
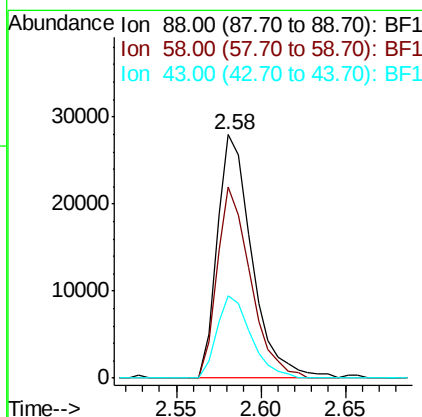
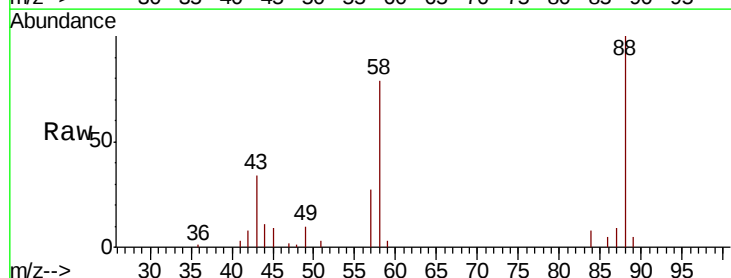
mohammad
7/10/2020 11:49:44 AM

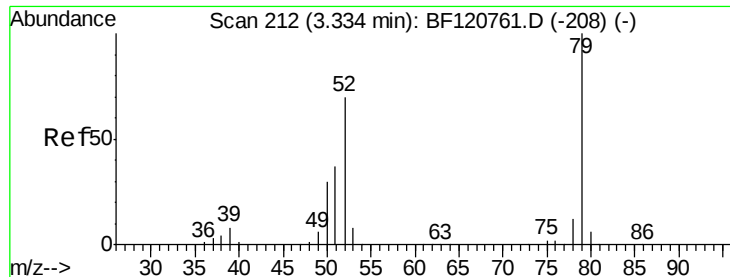


#2

1,4-Dioxane
Concen: 10.102 ng
RT: 2.58 min Scan# 84
Delta R.T. -0.01 min
Lab File: BF120816.D
Acq: 9 Jul 2020 13:57

Tgt Ion	Ratio	Lower	Upper
88	100		
58	75.2	60.4	90.6
43	33.0	26.3	39.5





#3

Pvridine

Concen: 7.175 ng

RT: 3.36 min Scan# 216

Delta R.T. 0.02 min

Lab File: BF120816.D

Acq: 9 Jul 2020 13:57

Instrument :

BNA_F

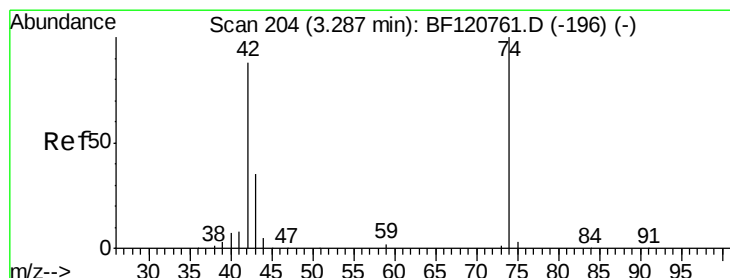
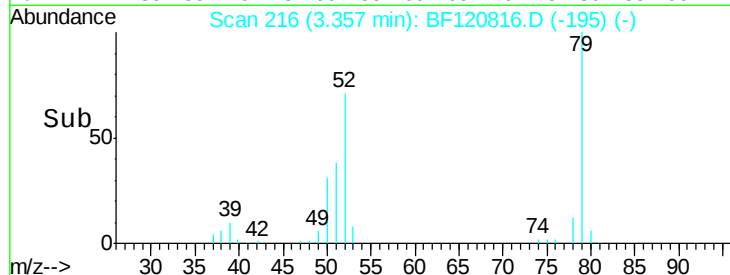
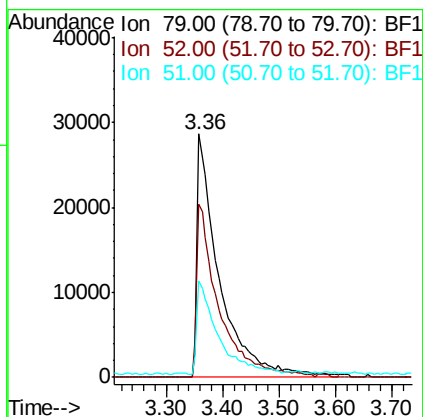
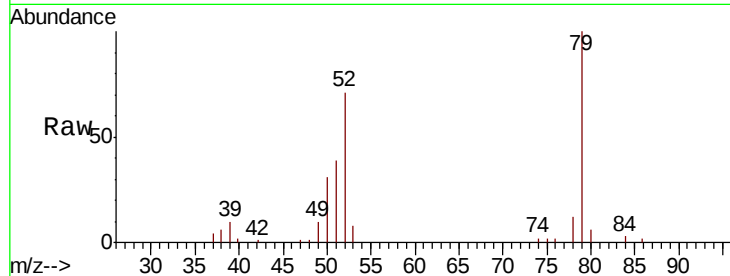
ClientSampleId :

LOQ-WATER-02-QT3-2020

Tot Ion:	79	Resp:	78010
Ion	Ratio	Lower	Upper
79	100		
52	71.0	56.3	84.5
51	39.4	30.1	45.1

Manual Integrations
APPROVED

mohammad
7/10/2020 11:49:44 AM



#4

n-Nitrosodimethylamine

Concen: 8.685 ng

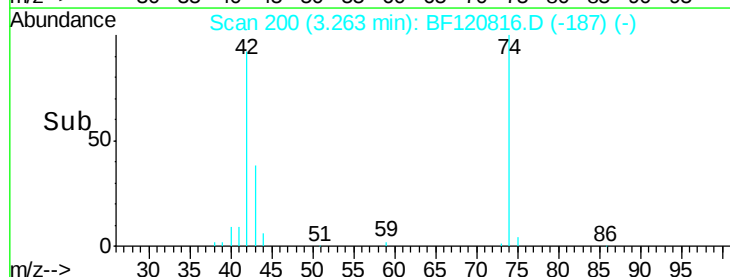
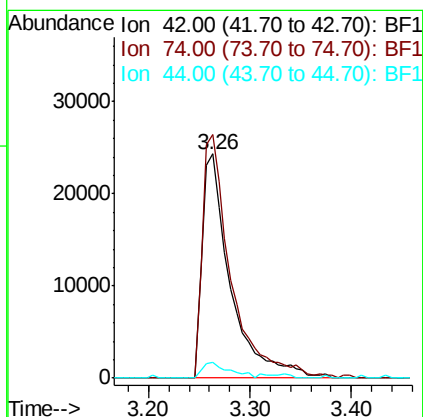
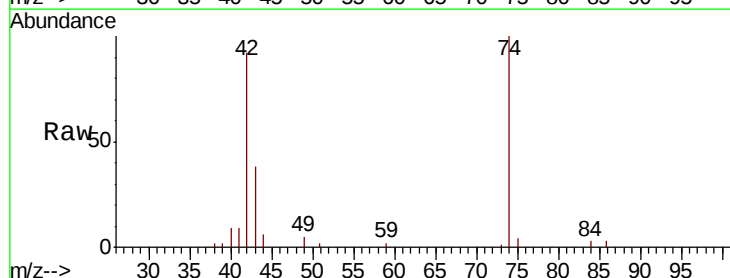
RT: 3.26 min Scan# 200

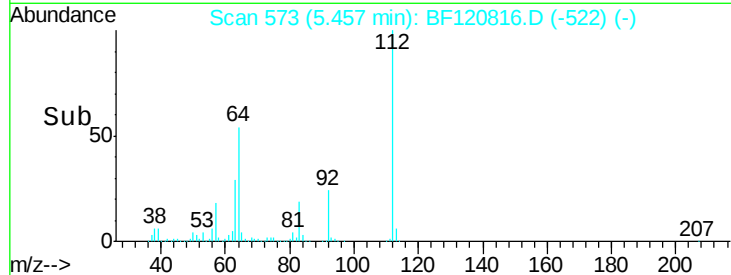
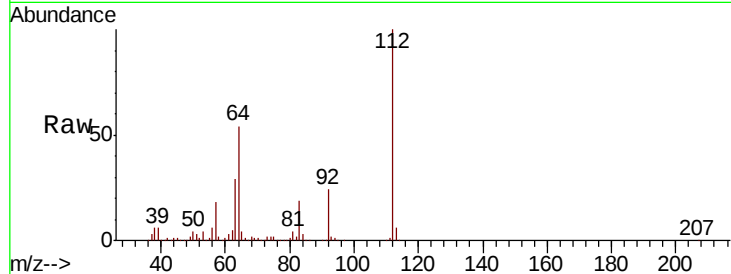
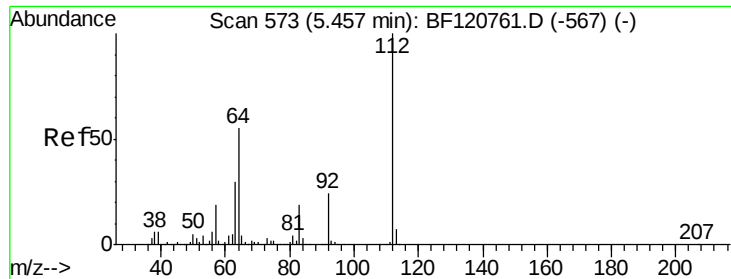
Delta R.T. -0.02 min

Lab File: BF120816.D

Acq: 9 Jul 2020 13:57

Tgt Ion:	42	Resp:	47242
Ion	Ratio	Lower	Upper
42	100		
74	108.6	90.8	136.2
44	6.8	5.8	8.8





#5

2-Fluorophenol

Concen: 97.443 ng

RT: 5.46 min Scan# 573

Delta R.T. 0.00 min

Lab File: BF120816.D

Acq: 9 Jul 2020 13:57

Instrument :

BNA_F

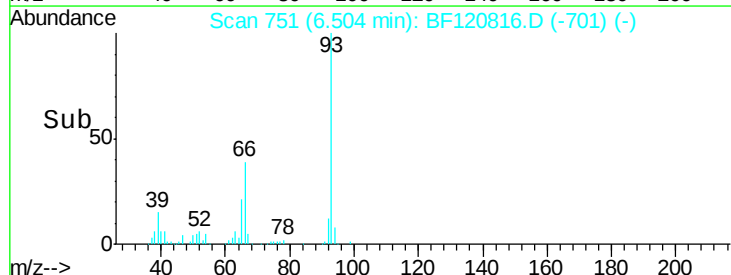
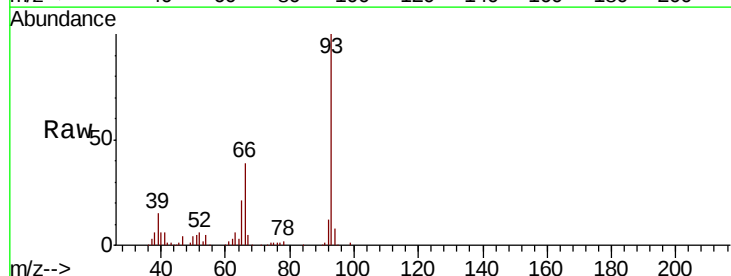
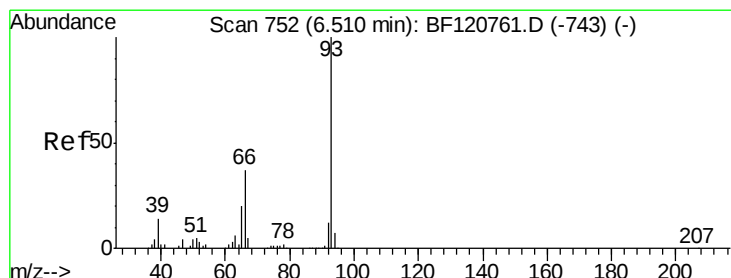
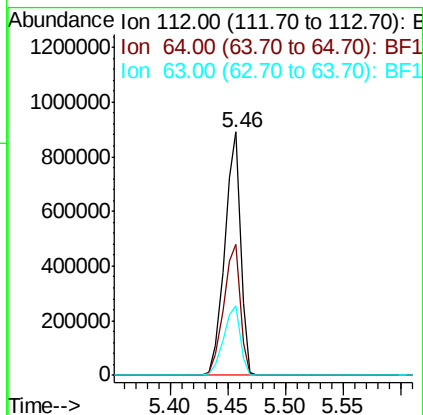
ClientSampleId :

LOQ-WATER-02-QT3-2020

Tot Ion	Ratio	Resp	Lower	Upper
112	100	846789		
64	54.1	43.8	65.6	
63	28.8	23.6	35.4	

Manual Integrations
APPROVED

mohammad
7/10/2020 11:49:44 AM



#6

Aniline

Concen: 9.306 ng

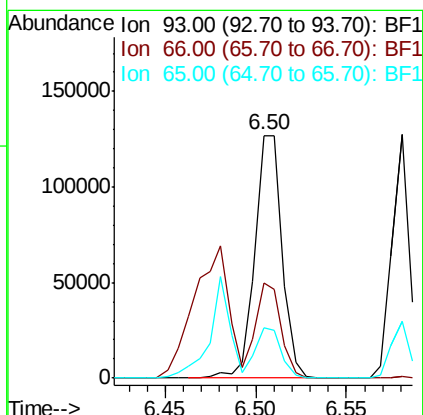
RT: 6.50 min Scan# 751

Delta R.T. -0.01 min

Lab File: BF120816.D

Acq: 9 Jul 2020 13:57

Tgt Ion	Ratio	Resp	Lower	Upper
93	100	132628		
66	39.0	31.3	46.9	
65	20.9	16.5	24.7	





#7

Phenol-d6

Concen: 97.235 ng

RT: 6.47 min Scan# 745

Delta R.T. -0.01 min

Lab File: BF120816.D

Acq: 9 Jul 2020 13:57

Instrument :

BNA_F

ClientSampleId :

LOQ-WATER-02-QT3-2020

Tot Ion: 99 Resp: 1079081

Ion Ratio Lower Upper

99 100

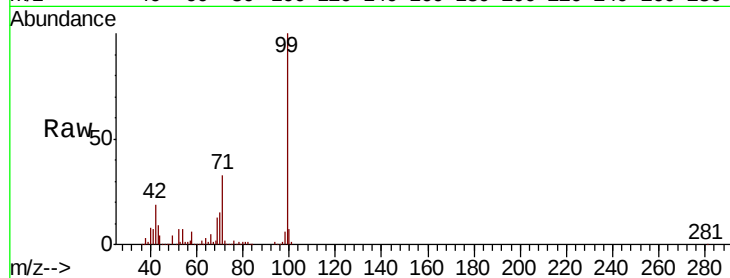
42 19.1 15.4 23.0

71 33.3 25.9 38.9

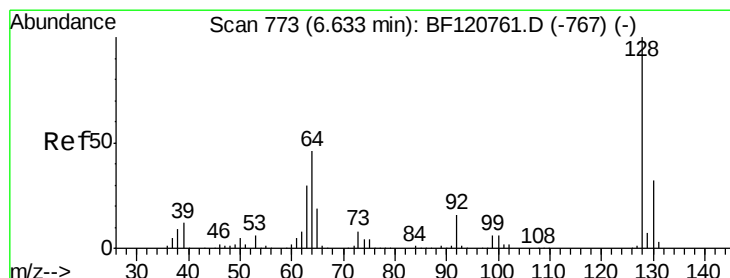
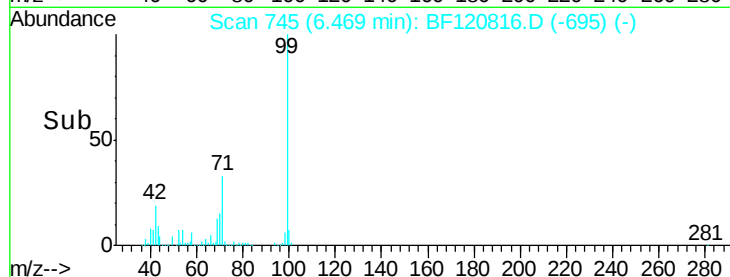
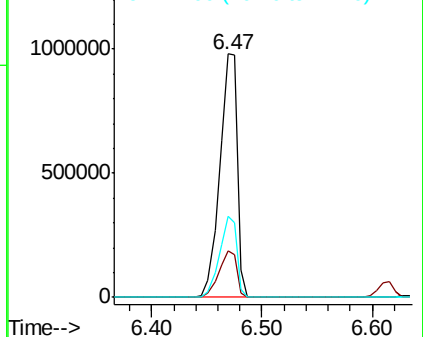
Manual Integrations
APPROVED

mohammad

7/10/2020 11:49:44 AM



Abundance Ion 99.00 (98.70 to 99.70): BF1
Ion 42.00 (41.70 to 42.70): BF1
Ion 71.00 (70.70 to 71.70): BF1



#8

2-Chlorophenol

Concen: 9.088 ng

RT: 6.63 min Scan# 772

Delta R.T. -0.01 min

Lab File: BF120816.D

Acq: 9 Jul 2020 13:57

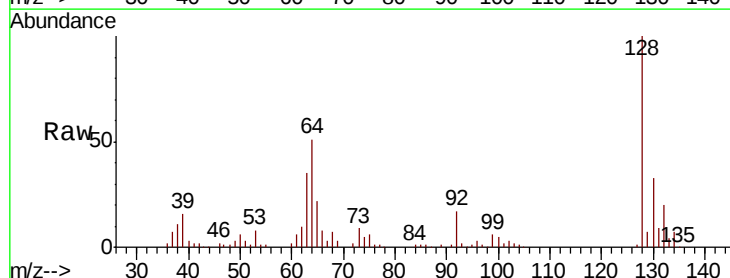
Tgt Ion: 128 Resp: 84084

Ion Ratio Lower Upper

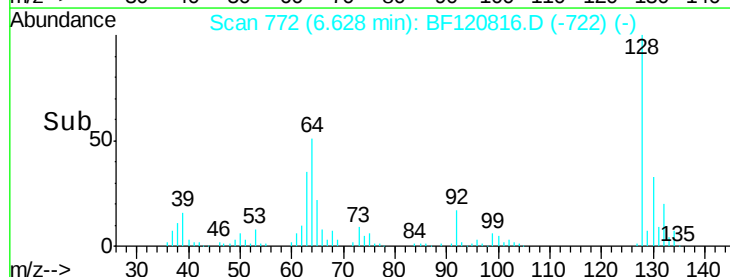
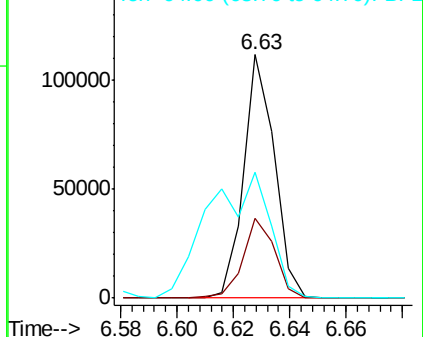
128 100

130 32.6 12.1 52.1

64 51.4 26.3 66.3



Abundance Ion 128.00 (127.70 to 128.70): E
Ion 130.00 (129.70 to 130.70): E
Ion 64.00 (63.70 to 64.70): BF1





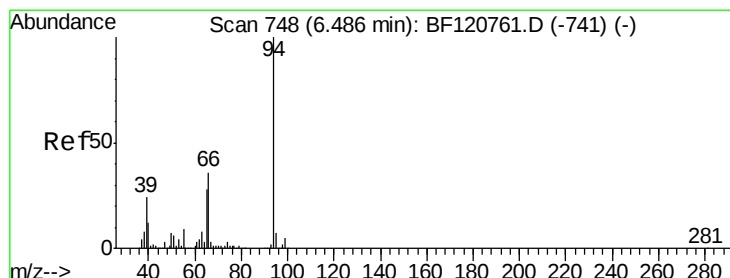
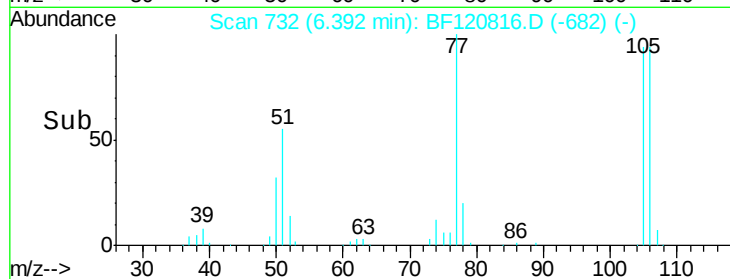
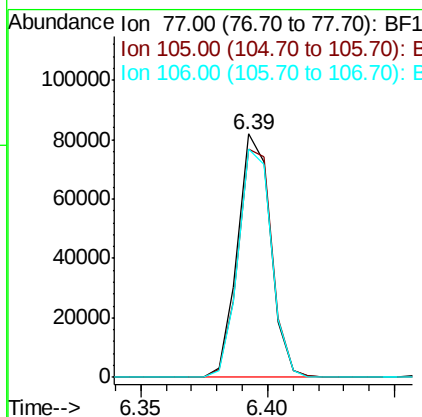
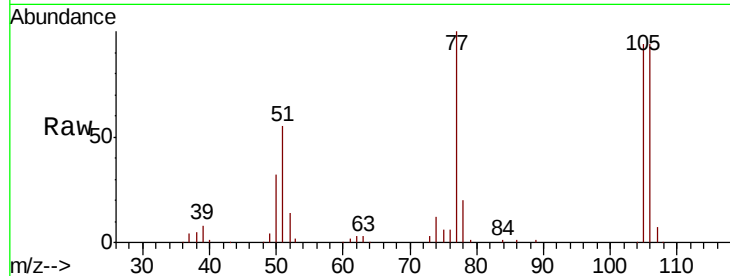
#9
Benzaldehyde
Concen: 11.187 ng
RT: 6.39 min Scan# 732
Delta R.T. -0.01 min
Lab File: BF120816.D
Acq: 9 Jul 2020 13:57

Instrument :
BNA_F
ClientSampleId :
LOQ-WATER-02-QT3-2020

Tot Ion	Ratio	Lower	Upper
77	100		
105	93.8	76.8	116.8
106	93.6	73.8	113.8

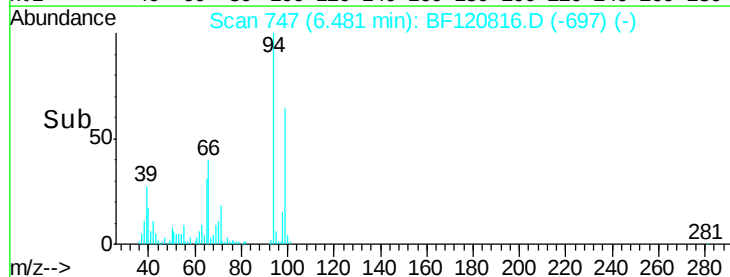
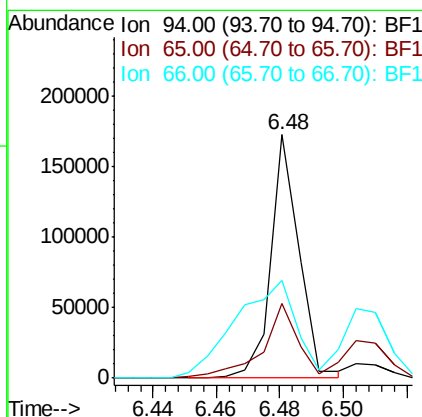
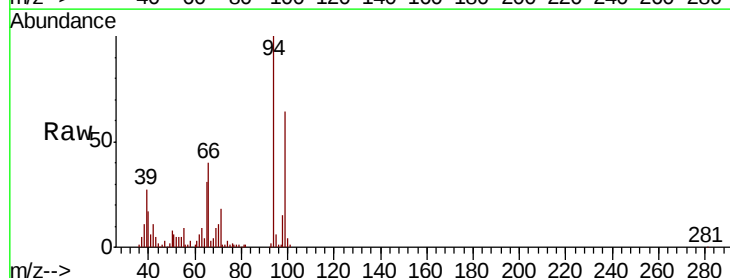
Manual Integrations
APPROVED

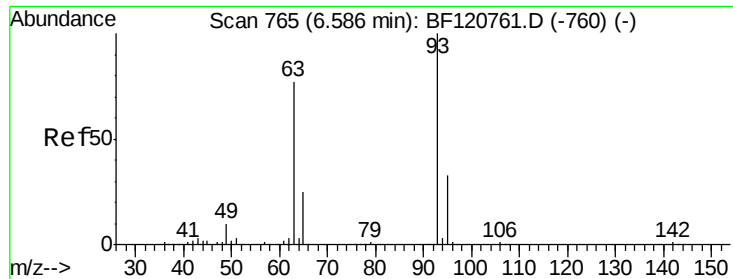
mohammad
7/10/2020 11:49:44 AM



#10
Phenol
Concen: 9.376 ng
RT: 6.48 min Scan# 747
Delta R.T. -0.01 min
Lab File: BF120816.D
Acq: 9 Jul 2020 13:57

Tgt Ion	Ratio	Lower	Upper
94	100		
65	30.8	8.4	48.4
66	40.2	16.5	56.5





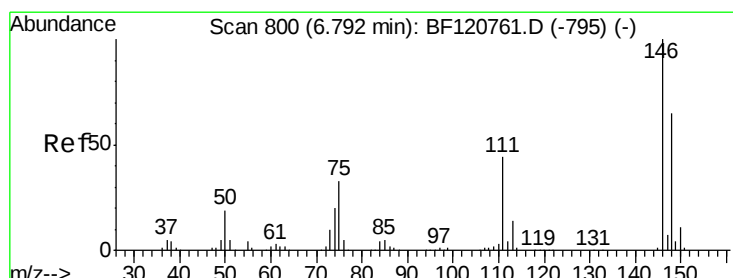
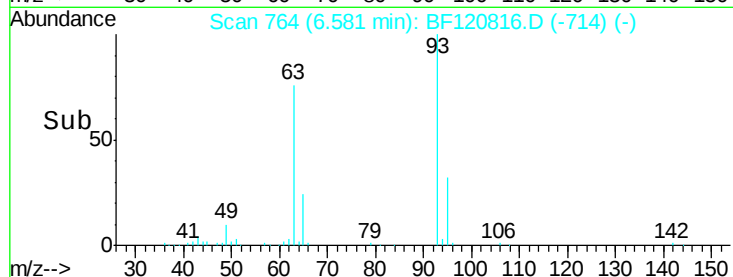
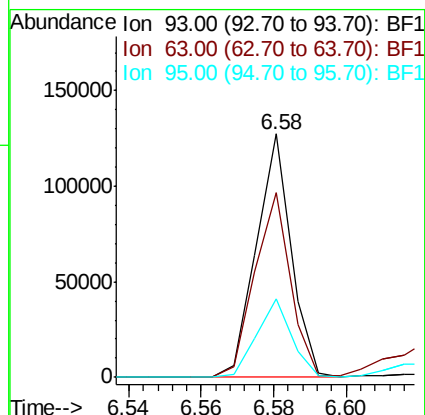
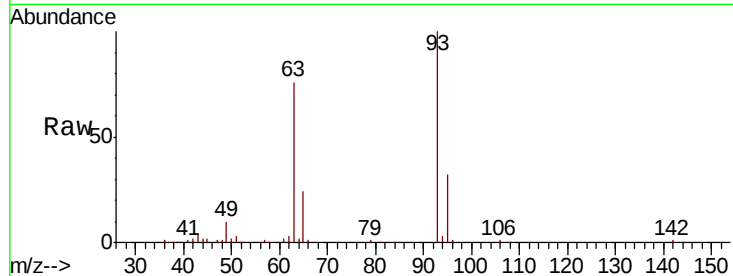
#11
bis(2-Chloroethyl)ether
Concen: 9.079 ng
RT: 6.58 min Scan# 764
Delta R.T. -0.01 min
Lab File: BF120816.D
Acq: 9 Jul 2020 13:57

Instrument :
BNA_F
ClientSampleId :
LOQ-WATER-02-QT3-2020

Tot Ion	Ratio	Lower	Upper
93	100		
63	75.9	56.9	96.9
95	32.2	13.3	53.3

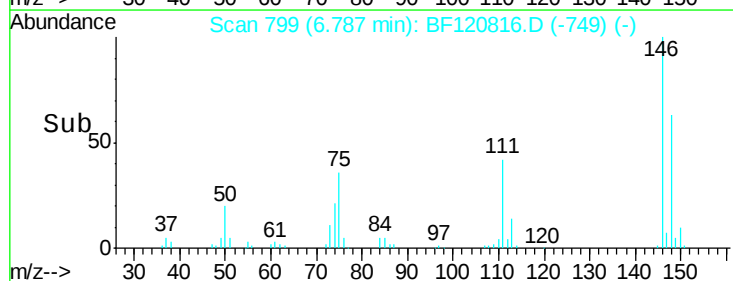
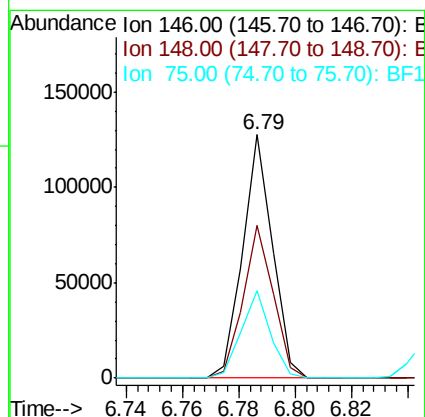
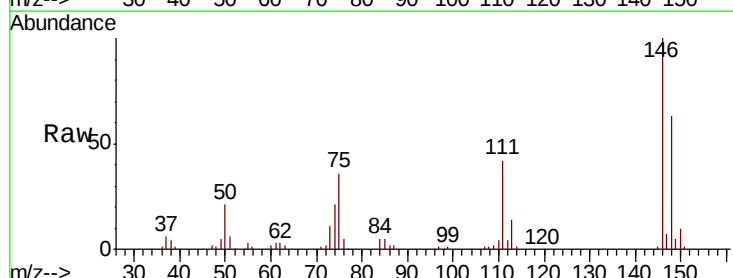
Manual Integrations
APPROVED

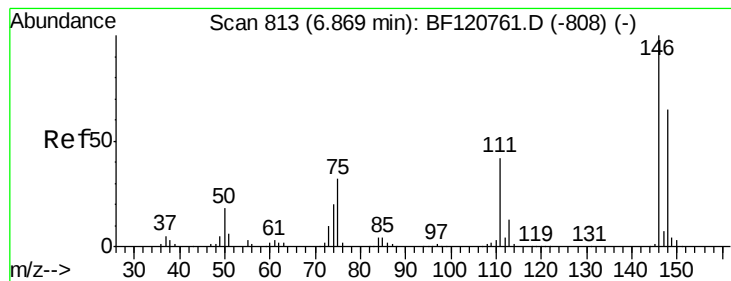
mohammad
7/10/2020 11:49:44 AM



#12
1,3-Dichlorobenzene
Concen: 9.192 ng
RT: 6.79 min Scan# 799
Delta R.T. -0.01 min
Lab File: BF120816.D
Acq: 9 Jul 2020 13:57

Tgt Ion	Ratio	Lower	Upper
146	100		
148	62.7	52.1	78.1
75	36.1	26.0	39.0





#13

1,4-Dichlorobenzene

Concen: 9.308 ng

RT: 6.86 min Scan# 812

Delta R.T. -0.01 min

Lab File: BF120816.D

Acq: 9 Jul 2020 13:57

Instrument :

BNA_F

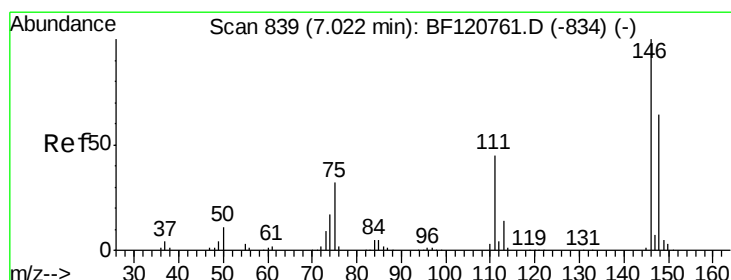
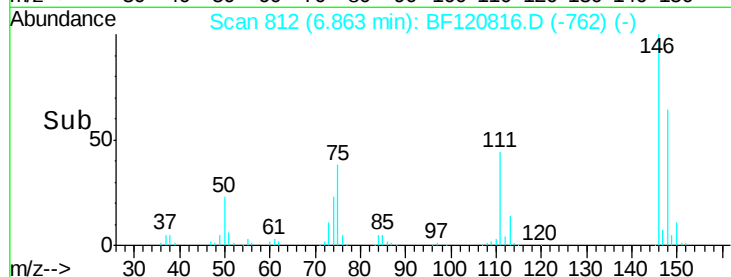
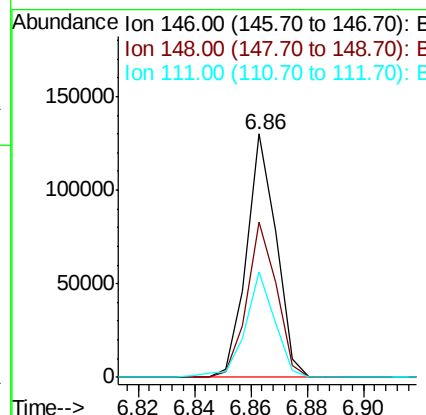
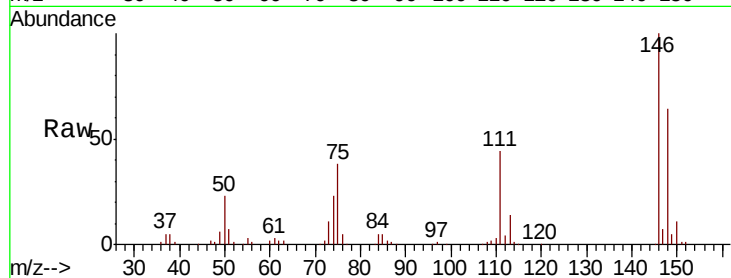
ClientSampleId :

LOQ-WATER-02-QT3-2020

Tot Ion:	146	Resp:	94941
Ion Ratio	Lower	Upper	
146	100		
148	63.8	51.8	77.6
111	43.5	33.7	50.5

Manual Integrations
APPROVED

mohammad
7/10/2020 11:49:44 AM



#14

1,2-Dichlorobenzene

Concen: 9.264 ng

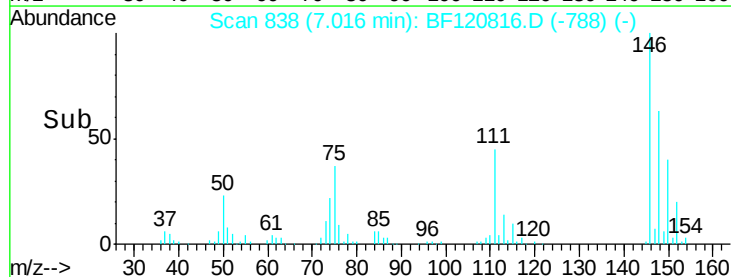
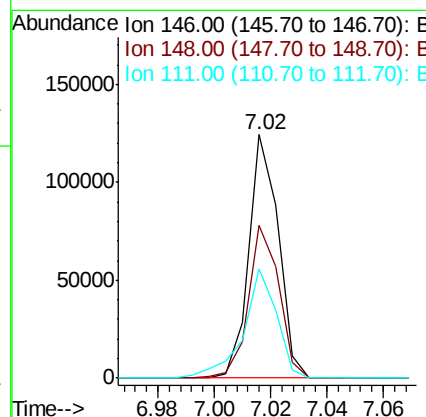
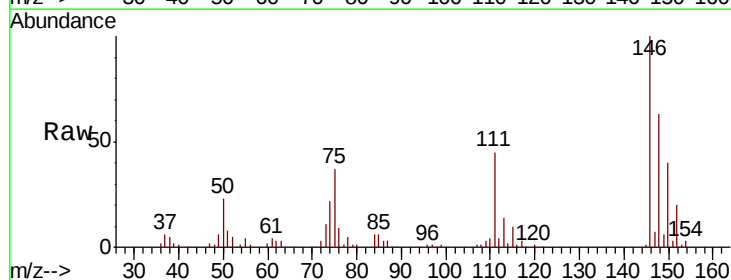
RT: 7.02 min Scan# 838

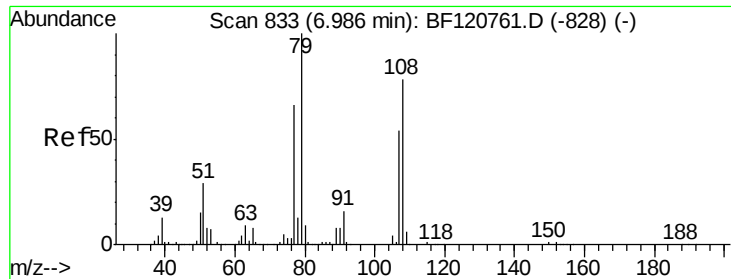
Delta R.T. -0.01 min

Lab File: BF120816.D

Acq: 9 Jul 2020 13:57

Tgt Ion:	146	Resp:	89901
Ion Ratio	Lower	Upper	
146	100		
148	62.7	51.0	76.4
111	45.0	35.7	53.5





#15

Benzyl Alcohol

Concen: 9.724 ng

RT: 6.98 min Scan# 832

Delta R.T. -0.01 min

Lab File: BF120816.D

Acq: 9 Jul 2020 13:57

Instrument :

BNA_F

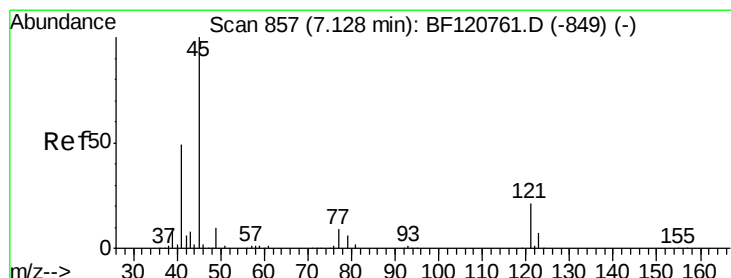
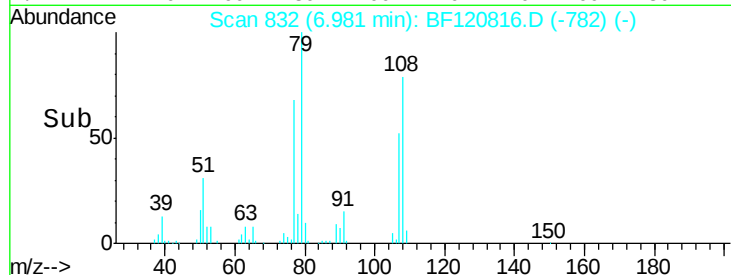
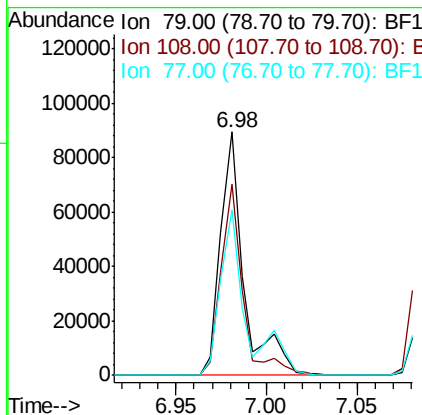
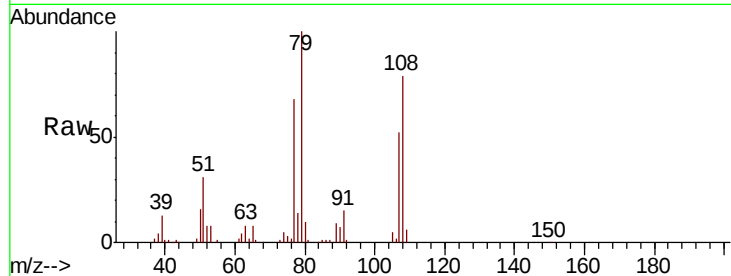
ClientSampleId :

LOQ-WATER-02-QT3-2020

Tot Ion:	79	Resp:	81081
Ion	Ratio	Lower	Upper
79	100		
108	78.7	62.4	93.6
77	68.1	52.7	79.1

Manual Integrations
APPROVED

mohammad
7/10/2020 11:49:44 AM



#16

2,2'-oxybis(1-chloropropane)

Concen: 8.637 ng

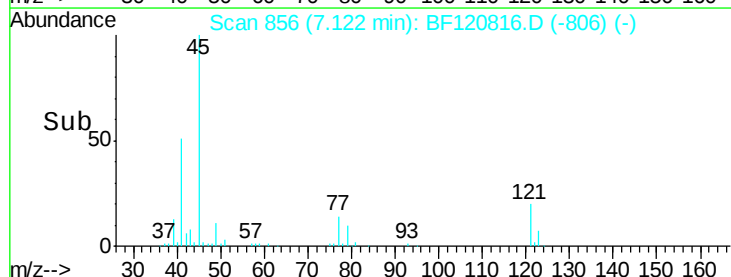
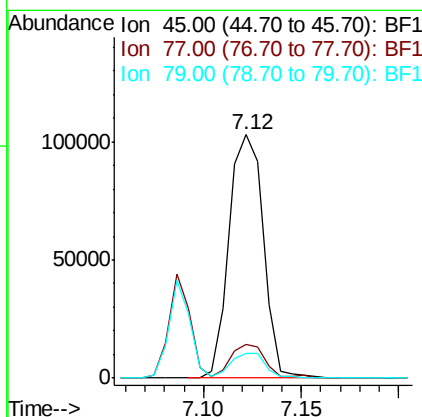
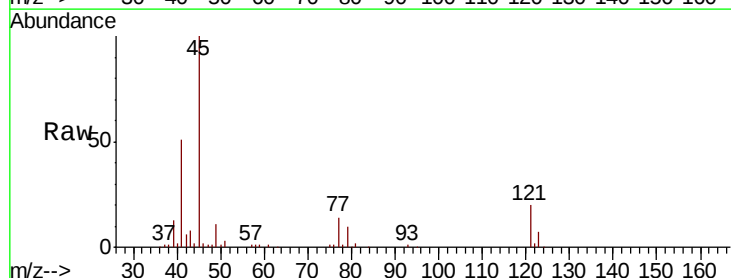
RT: 7.12 min Scan# 856

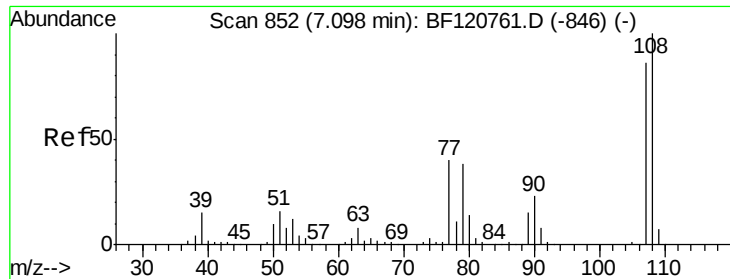
Delta R.T. -0.01 min

Lab File: BF120816.D

Acq: 9 Jul 2020 13:57

Tgt Ion:	45	Resp:	125147
Ion	Ratio	Lower	Upper
45	100		
77	13.8	0.0	33.7
79	10.2	0.0	30.5





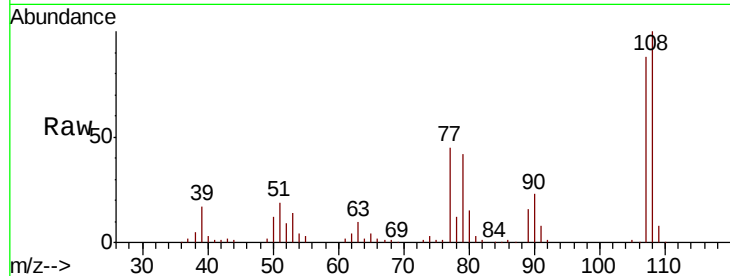
#17
2-Methylphenol
Concen: 8.228 ng
RT: 7.09 min Scan# 850
Delta R.T. -0.01 min
Lab File: BF120816.D
Acq: 9 Jul 2020 13:57

Instrument :
BNA_F
ClientSampleId :
LOQ-WATER-02-QT3-2020

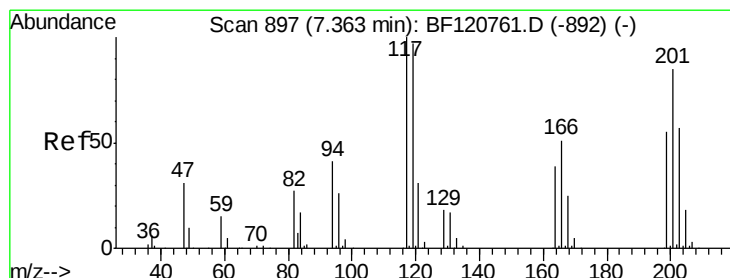
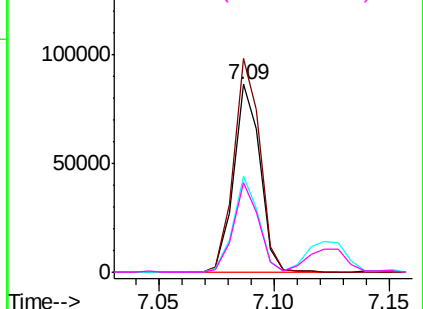
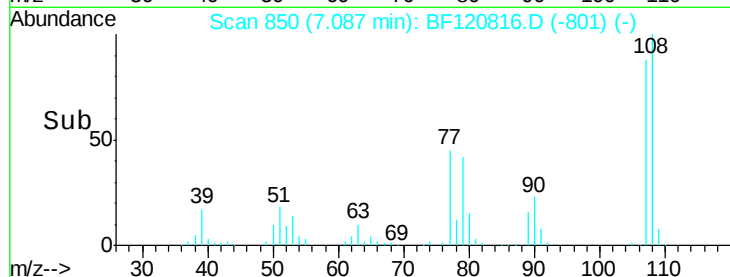
Tot Ion	Ratio	Lower	Upper
107	100		
108	113.6	93.1	139.7
77	50.8	37.3	55.9
79	47.9	35.3	52.9

Manual Integrations
APPROVED

mohammad
7/10/2020 11:49:44 AM

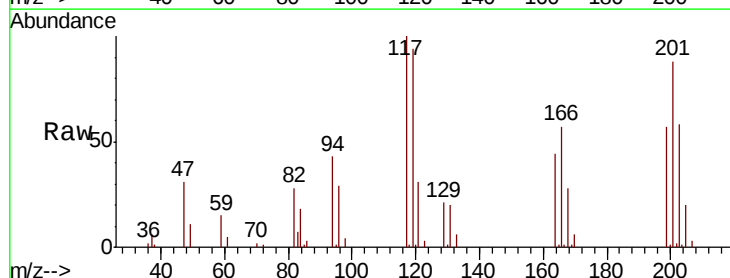


Abundance Ion 107.00 (106.70 to 107.70): E
150000 Ion 108.00 (107.70 to 108.70): E
Ion 77.00 (76.70 to 77.70): BF1
Ion 79.00 (78.70 to 79.70): BF1

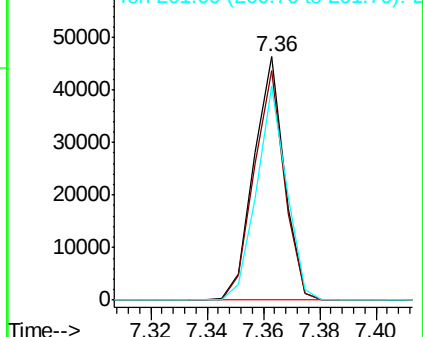
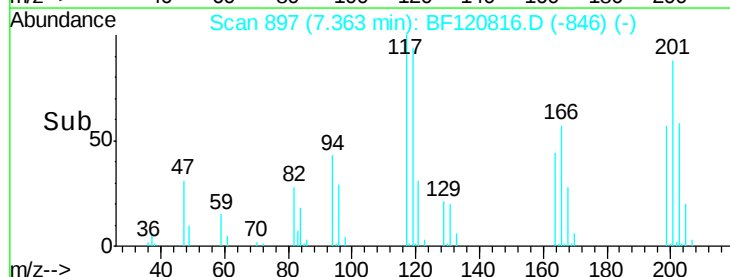


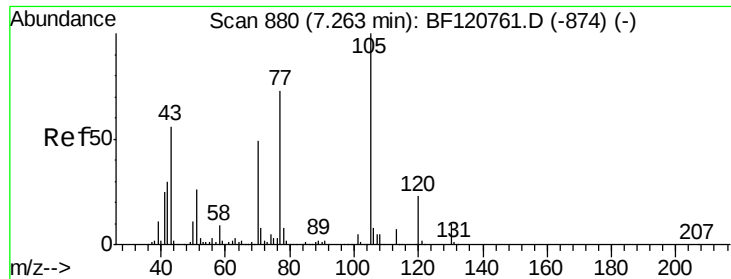
#18
Hexachloroethane
Concen: 9.068 ng
RT: 7.36 min Scan# 897
Delta R.T. 0.00 min
Lab File: BF120816.D
Acq: 9 Jul 2020 13:57

Tgt Ion	Ratio	Lower	Upper
117	100		
119	94.3	77.9	116.9
201	88.1	68.3	102.5



Abundance Ion 117.00 (116.70 to 117.70): E
60000 Ion 119.00 (118.70 to 119.70): E
Ion 201.00 (200.70 to 201.70): E





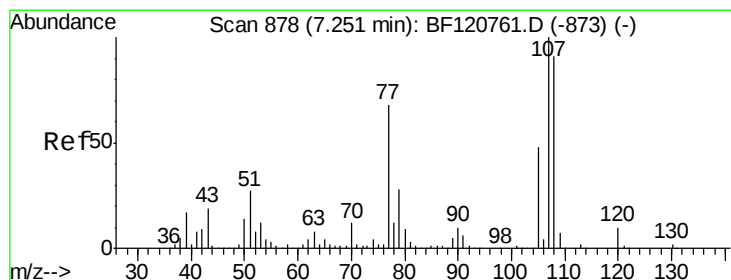
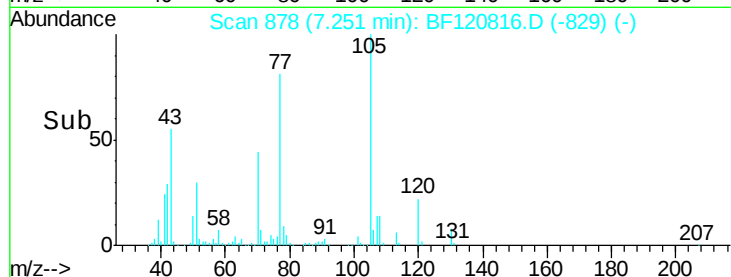
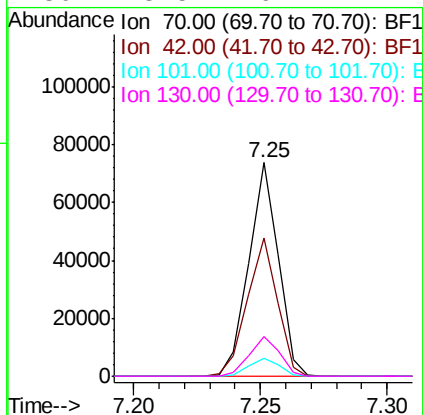
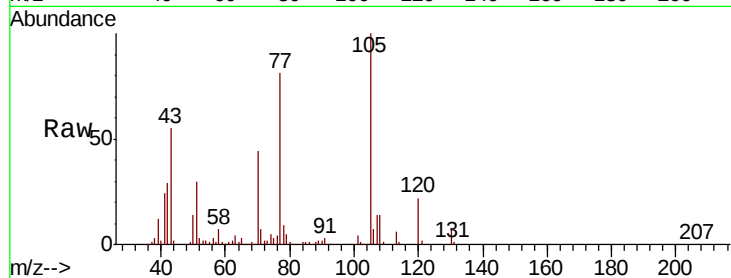
#19
n-Nitroso-di-n-propylamine
Concen: 8.972 ng
RT: 7.25 min Scan# 878
Delta R.T. -0.01 min
Lab File: BF120816.D
Acq: 9 Jul 2020 13:57

Instrument :
BNA_F
ClientSampleId :
LOQ-WATER-02-QT3-2020

Tot Ion	Ion	Ratio	Lower	Upper
70	100			
42	65.0	50.3	75.5	
101	8.5	7.5	11.3	
130	18.5	16.1	24.1	

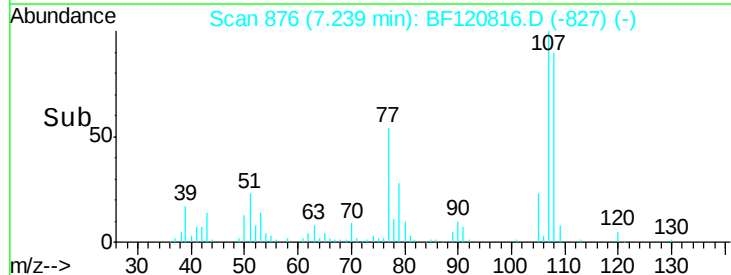
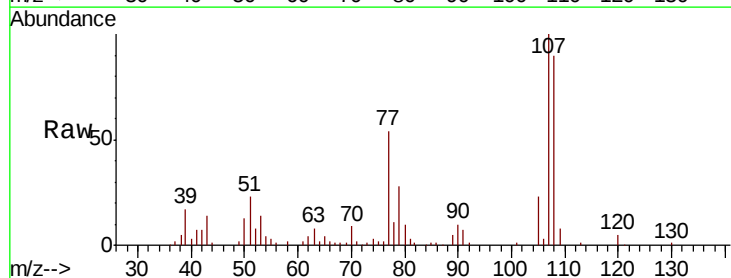
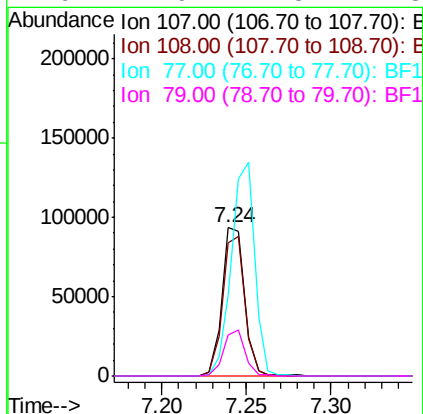
Manual Integrations
APPROVED

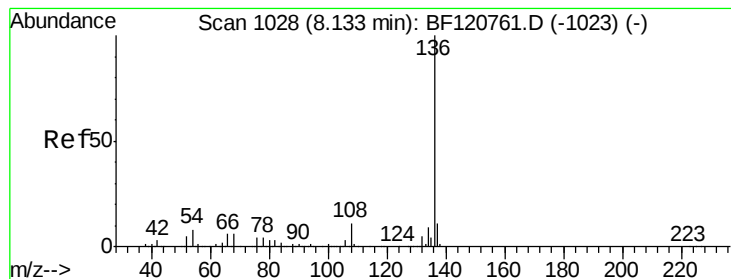
mohammad
7/10/2020 11:49:44 AM



#20
3+4-Methylphenols
Concen: 8.509 ng
RT: 7.24 min Scan# 876
Delta R.T. -0.01 min
Lab File: BF120816.D
Acq: 9 Jul 2020 13:57

Tgt Ion	Ion	Ratio	Lower	Upper
107	100			
108	89.7	70.9	110.9	
77	54.1	48.3	88.3	
79	27.9	7.8	47.8	





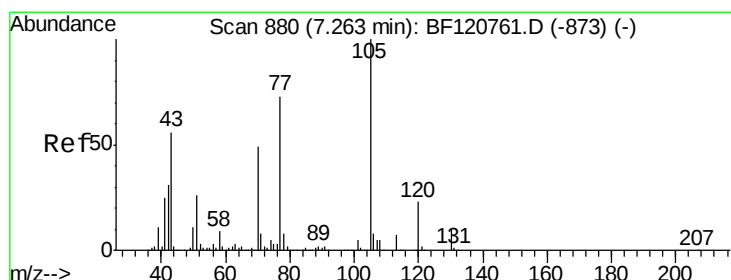
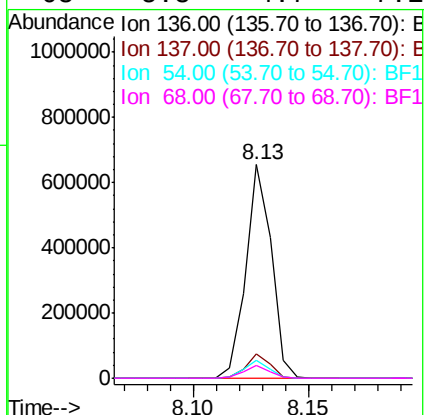
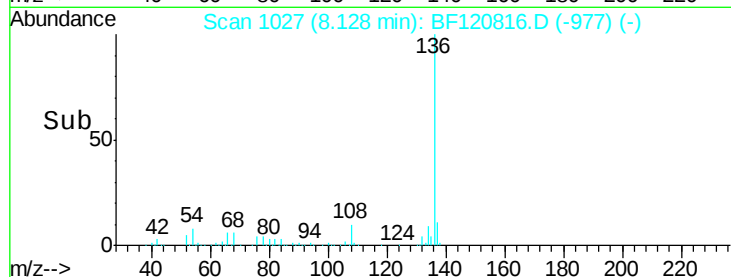
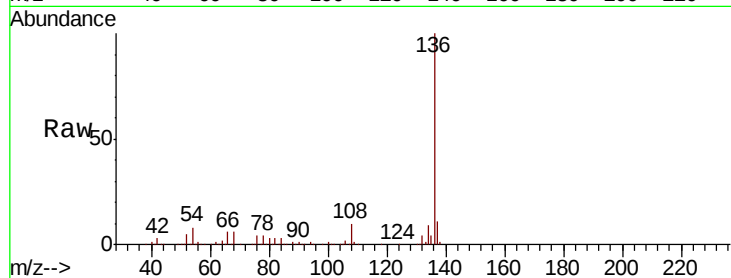
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.13 min Scan# 1027
Delta R.T. -0.01 min
Lab File: BF120816.D
Acq: 9 Jul 2020 13:57

Instrument :
BNA_F
ClientSampleId :
LOQ-WATER-02-QT3-2020

Tot Ion	Ratio	Resp	Lower	Upper
136	100			
137	11.3	9.0	13.6	
54	8.1	6.2	9.4	
68	5.8	4.7	7.1	

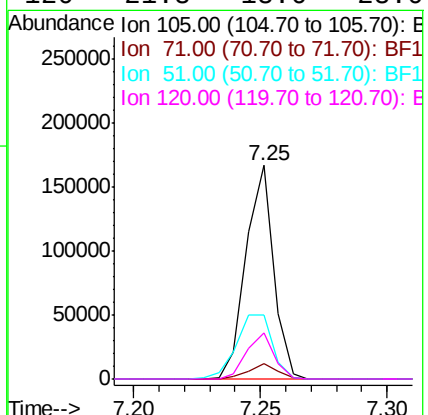
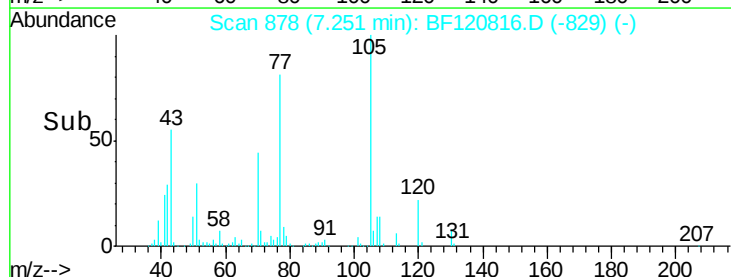
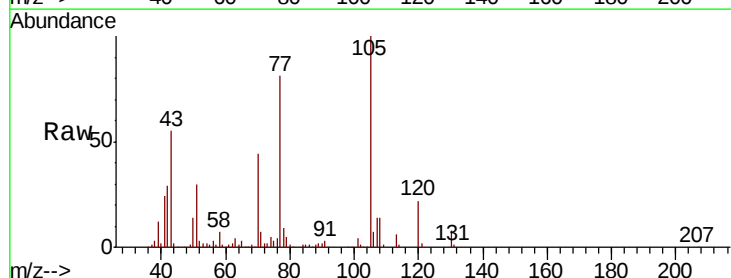
Manual Integrations
APPROVED

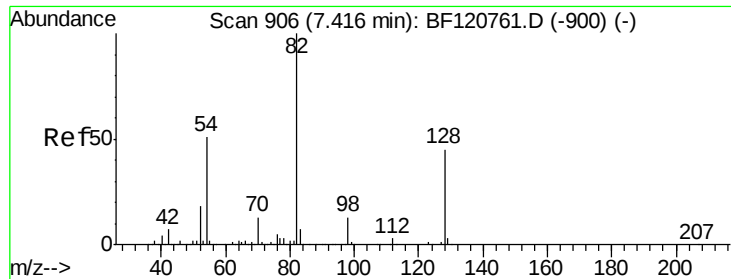
mohammad
7/10/2020 11:49:44 AM



#22
Acetophenone
Concen: 10.077 ng
RT: 7.25 min Scan# 878
Delta R.T. -0.01 min
Lab File: BF120816.D
Acq: 9 Jul 2020 13:57

Tgt Ion	Ratio	Resp	Lower	Upper
105	100			
71	7.2	6.5	9.7	
51	30.0	21.0	31.4	
120	21.8	18.6	28.0	





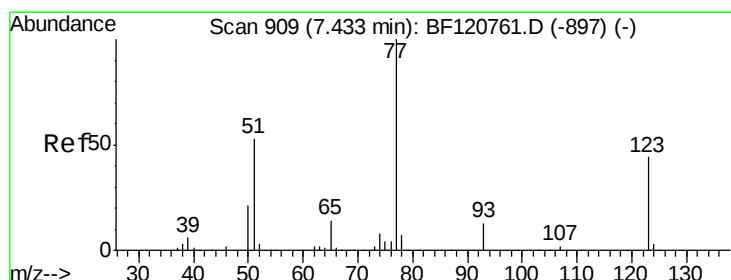
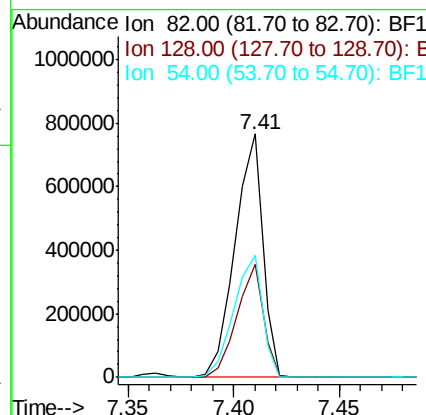
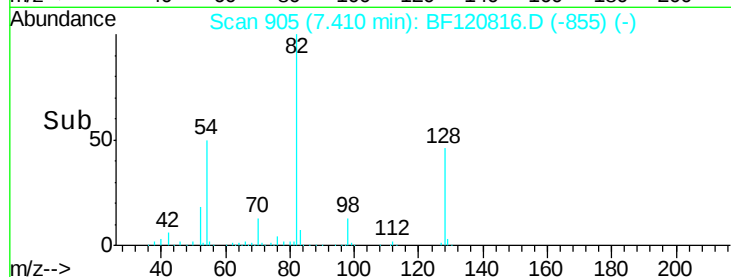
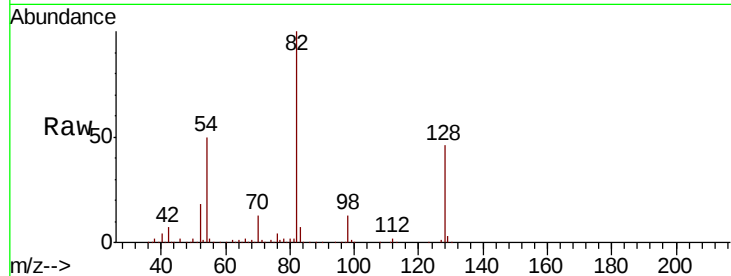
#23
Nitrobenzene-d5
Concen: 79.373 ng
RT: 7.41 min Scan# 905
Delta R.T. -0.01 min
Lab File: BF120816.D
Acq: 9 Jul 2020 13:57

Instrument :
BNA_F
ClientSampleId :
LOQ-WATER-02-QT3-2020

Tot Ion	Ratio	Lower	Upper
82	100		
128	46.3	35.7	53.5
54	50.2	40.9	61.3

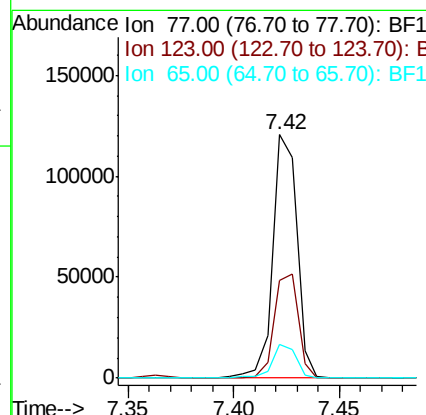
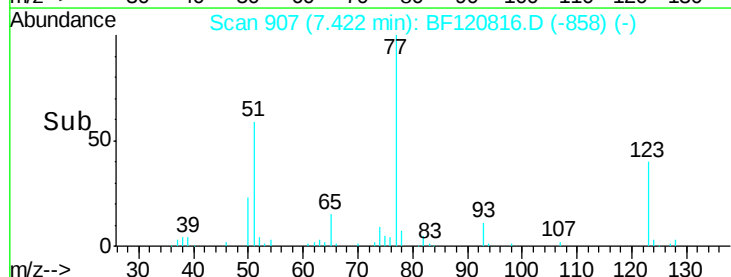
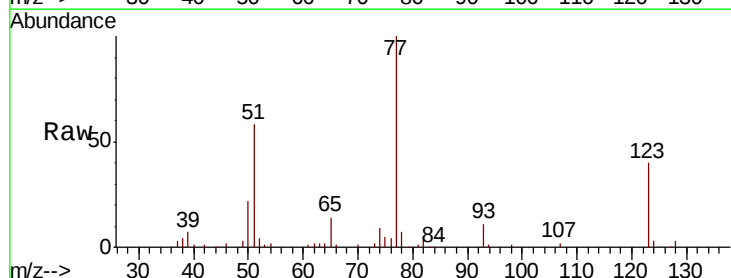
Manual Integrations
APPROVED

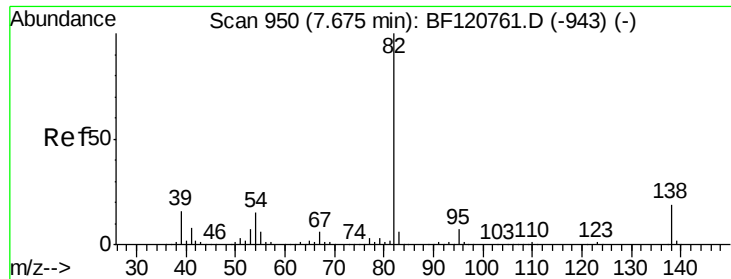
mohammad
7/10/2020 11:49:44 AM



#24
Nitrobenzene
Concen: 9.804 ng
RT: 7.42 min Scan# 907
Delta R.T. -0.01 min
Lab File: BF120816.D
Acq: 9 Jul 2020 13:57

Tgt Ion	Ratio	Lower	Upper
77	100		
123	40.3	36.1	54.1
65	14.0	11.0	16.4





#25

Isophorone

Concen: 8.566 ng

RT: 7.66 min Scan# 948

Delta R.T. -0.01 min

Lab File: BF120816.D

Acq: 9 Jul 2020 13:57

Instrument :

BNA_F

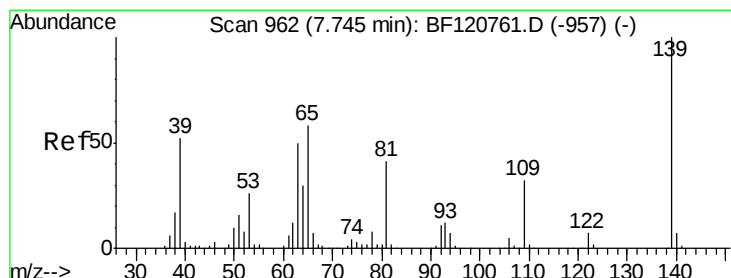
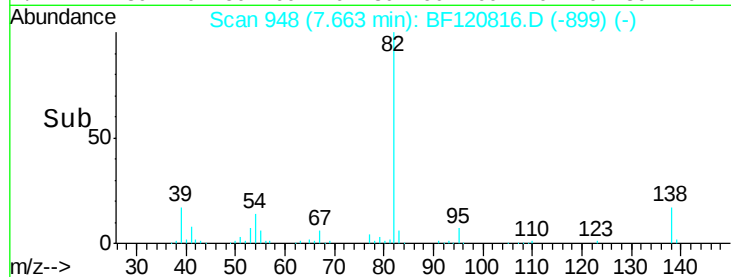
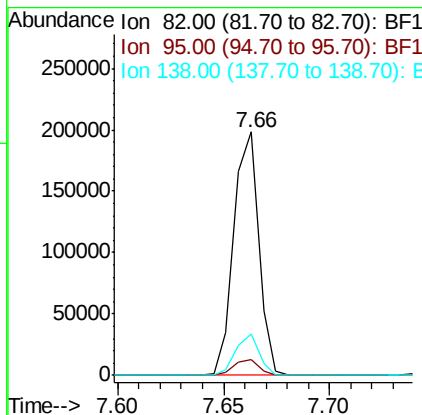
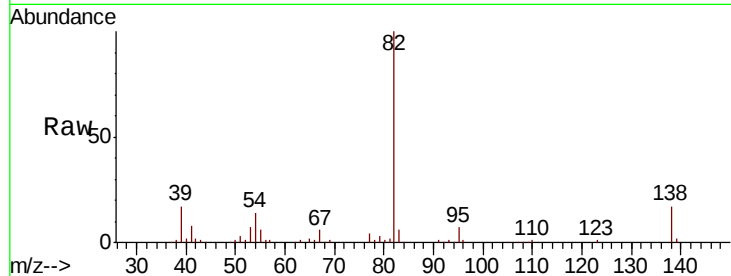
ClientSampleId :

LOQ-WATER-02-QT3-2020

Tot Ion:	82	Resp:	161546
Ion Ratio		Lower	Upper
82	100		
95	6.6	5.4	8.2
138	17.0	15.0	22.4

Manual Integrations
APPROVED

mohammad
7/10/2020 11:49:44 AM



#26

2-Nitrophenol

Concen: 8.652 ng

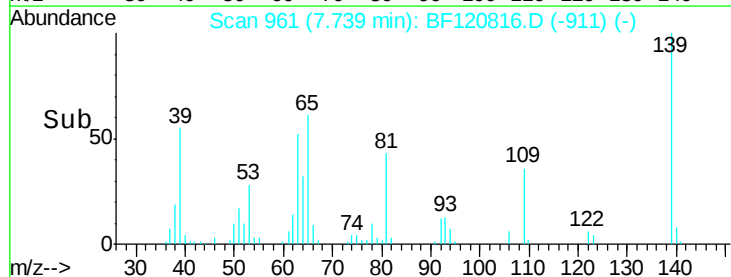
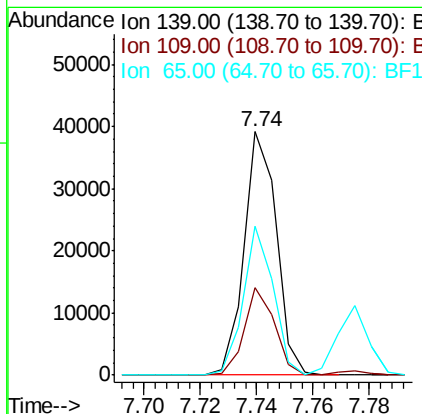
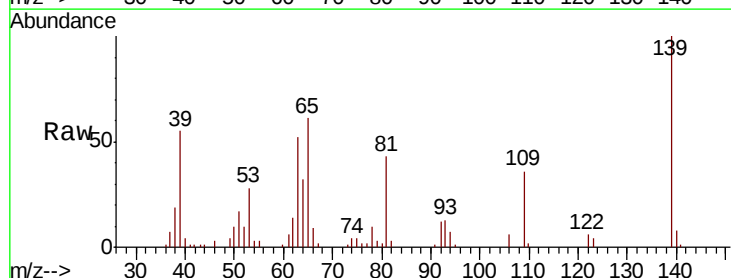
RT: 7.74 min Scan# 961

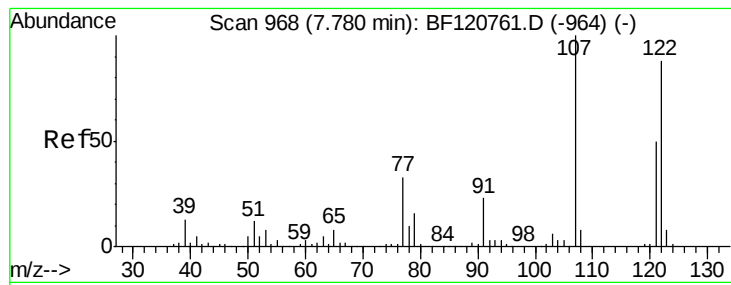
Delta R.T. -0.01 min

Lab File: BF120816.D

Acq: 9 Jul 2020 13:57

Tgt Ion:	139	Resp:	31053
Ion Ratio		Lower	Upper
139	100		
109	35.9	25.3	37.9
65	61.2	46.2	69.2





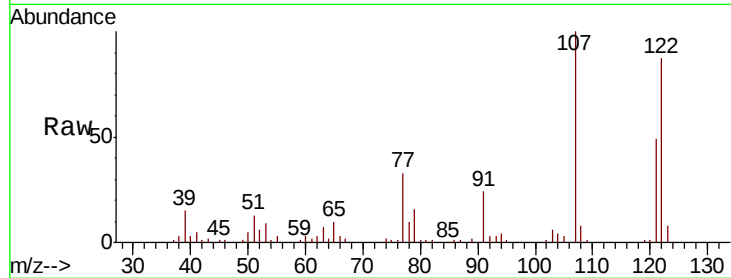
#27
2,4-Dimethylphenol
Concen: 9.492 ng
RT: 7.77 min Scan# 967
Delta R.T. -0.01 min
Lab File: BF120816.D
Acq: 9 Jul 2020 13:57

Instrument :
BNA_F
ClientSampleId :
LOQ-WATER-02-QT3-2020

Tot Ion	Ratio	Lower	Upper
122	100		
107	115.1	90.7	136.1
121	56.6	45.4	68.0

Manual Integrations
APPROVED

mohammad
7/10/2020 11:49:44 AM

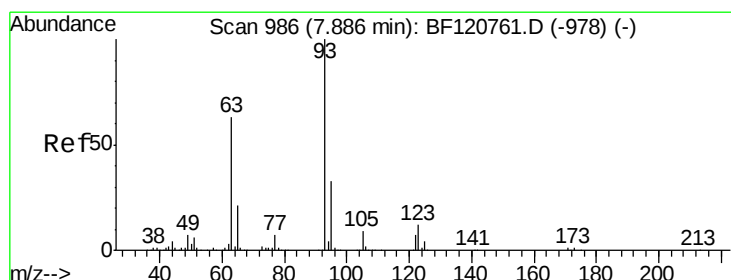
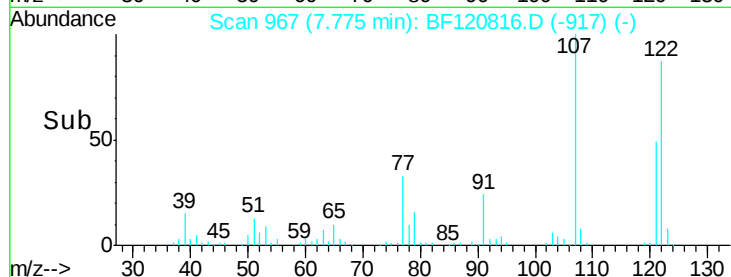
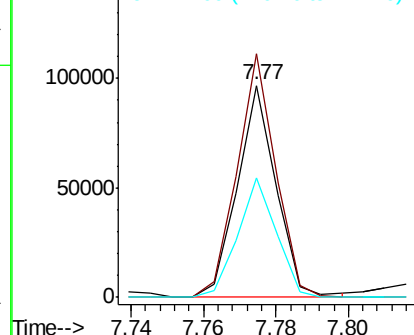


Abundance

Ion 122.00 (121.70 to 122.70): E

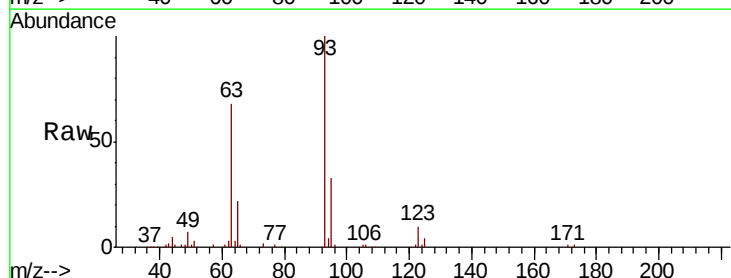
Ion 107.00 (106.70 to 107.70): E

Ion 121.00 (120.70 to 121.70): E



#28
bis(2-Chloroethoxy)methane
Concen: 9.097 ng
RT: 7.87 min Scan# 984
Delta R.T. -0.01 min
Lab File: BF120816.D
Acq: 9 Jul 2020 13:57

Tgt Ion	Ratio	Lower	Upper
93	100		
95	32.7	26.4	39.6
123	10.4	10.2	15.2

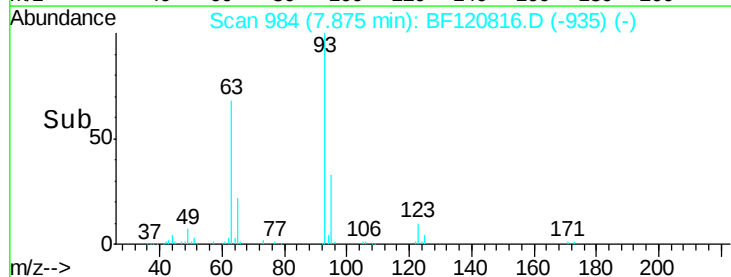
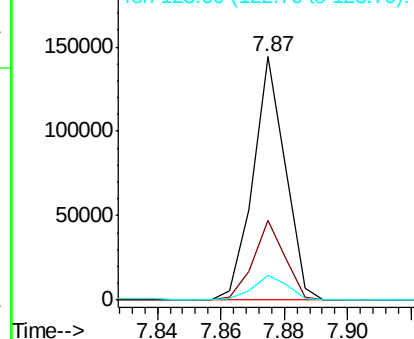


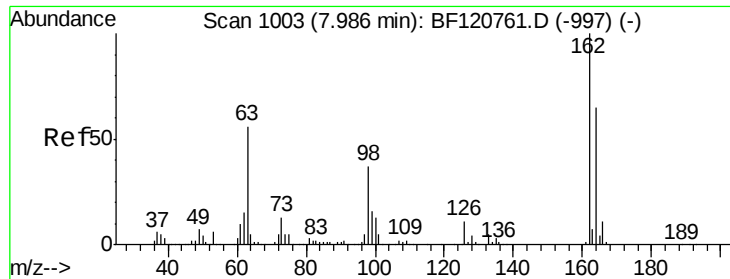
Abundance

Ion 93.00 (92.70 to 93.70): BF1

Ion 95.00 (94.70 to 95.70): BF1

Ion 123.00 (122.70 to 123.70): E





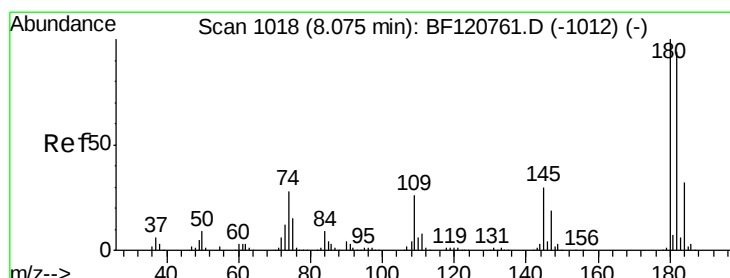
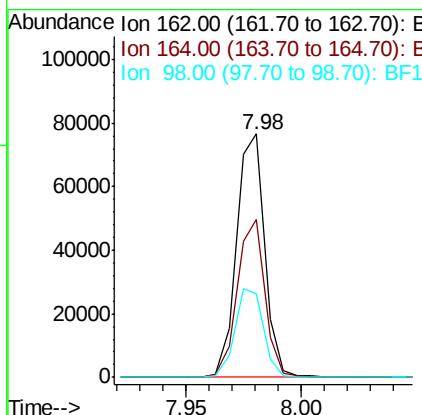
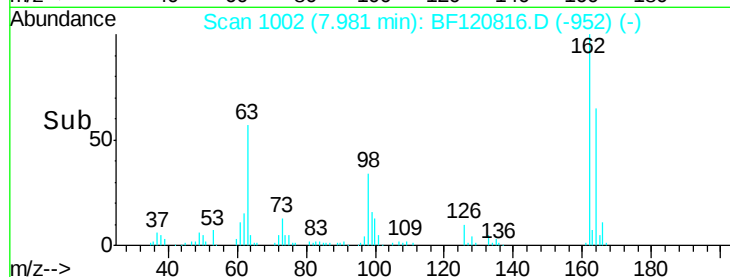
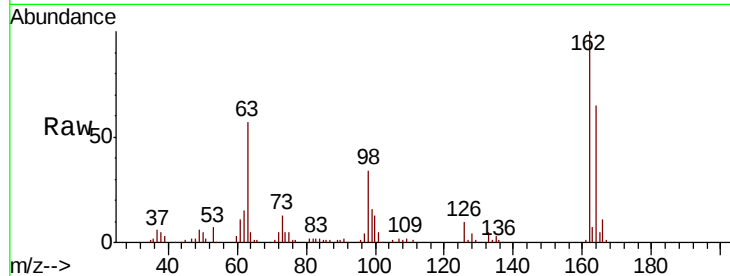
#29
2,4-Dichlorophenol
Concen: 8.668 ng
RT: 7.98 min Scan# 1002
Delta R.T. -0.01 min
Lab File: BF120816.D
Acq: 9 Jul 2020 13:57

Instrument :
BNA_F
ClientSampleId :
LOQ-WATER-02-QT3-2020

Tot Ion	Ratio	Lower	Upper
162	100		
164	64.8	45.2	85.2
98	34.3	17.0	57.0

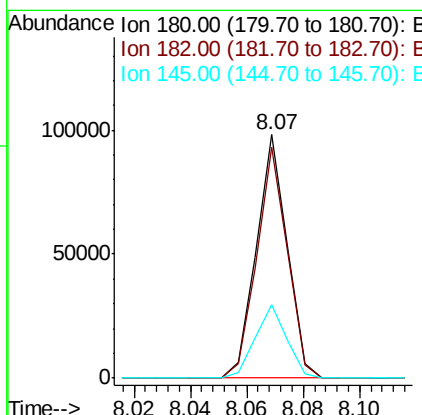
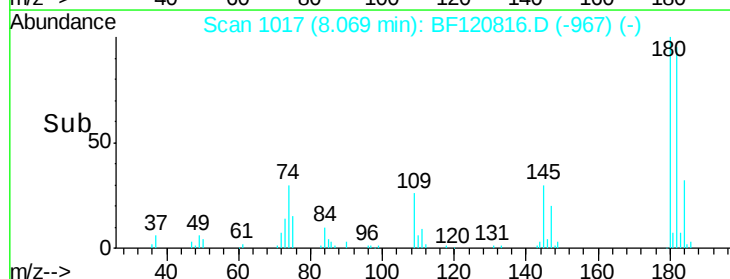
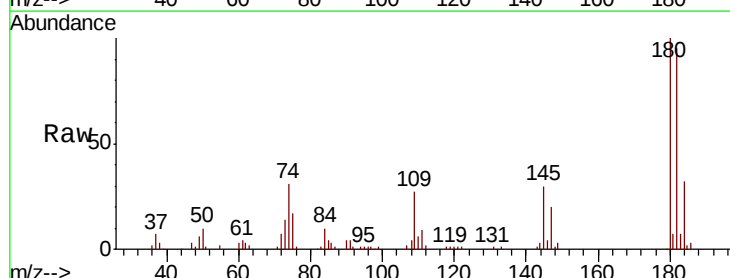
Manual Integrations
APPROVED

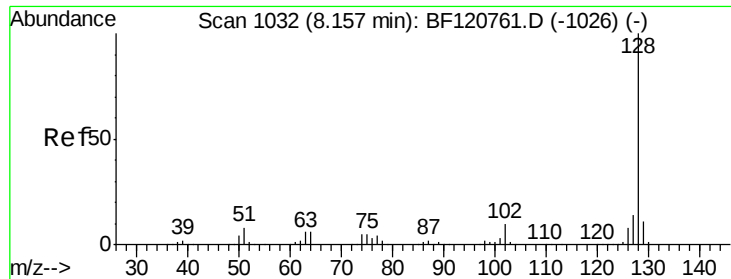
mohammad
7/10/2020 11:49:44 AM



#30
1,2,4-Trichlorobenzene
Concen: 8.790 ng
RT: 8.07 min Scan# 1017
Delta R.T. -0.01 min
Lab File: BF120816.D
Acq: 9 Jul 2020 13:57

Tgt Ion	Ratio	Lower	Upper
180	100		
182	95.0	75.5	113.3
145	30.4	24.1	36.1





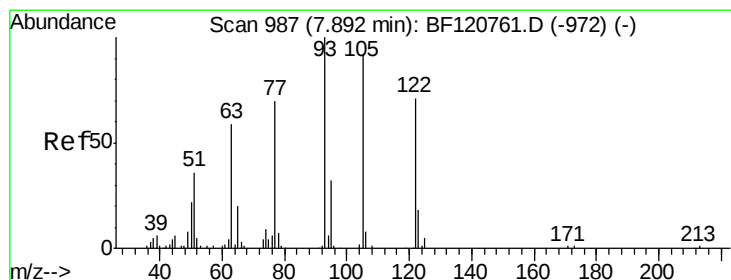
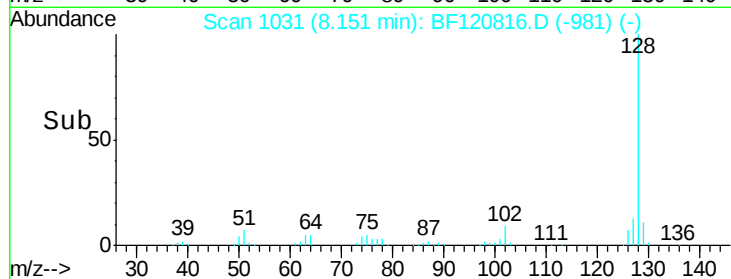
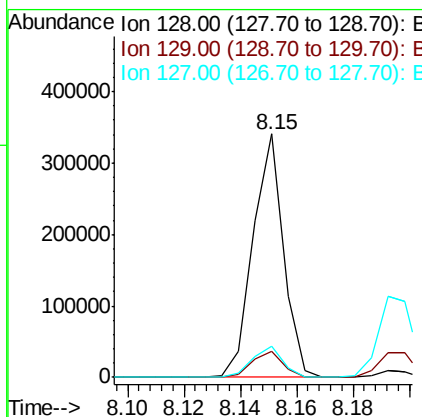
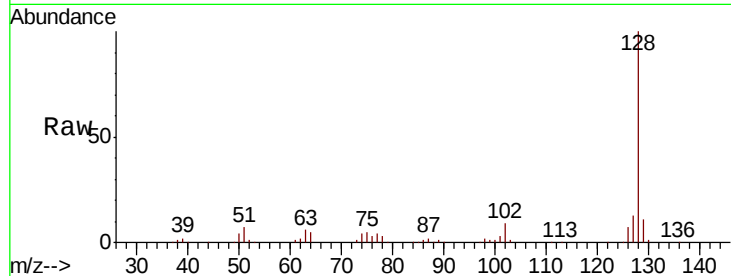
#31
Naphthalene
Concen: 9.392 ng
RT: 8.15 min Scan# 1031
Delta R.T. -0.01 min
Lab File: BF120816.D
Acq: 9 Jul 2020 13:57

Instrument :
BNA_F
ClientSampleId :
LOQ-WATER-02-QT3-2020

Tot Ion	Ratio	Lower	Upper
128	100		
129	10.7	9.2	13.8
127	12.9	11.1	16.7

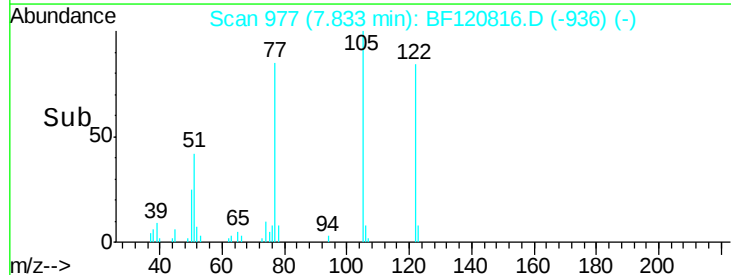
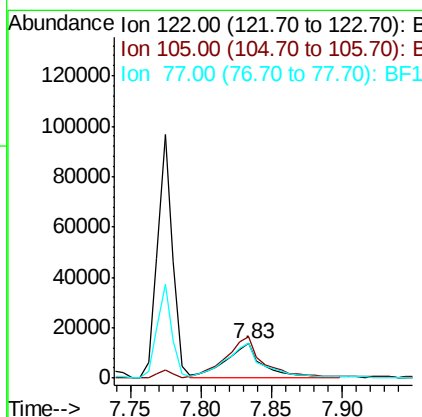
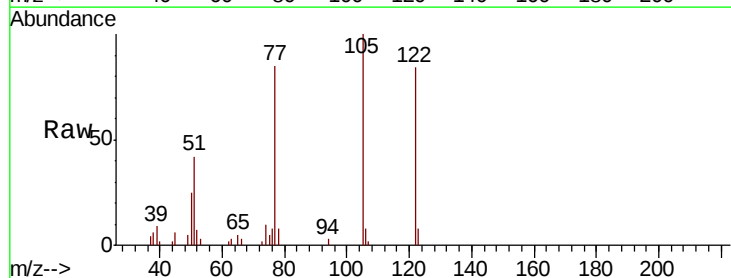
Manual Integrations
APPROVED

mohammad
7/10/2020 11:49:44 AM



#32
Benzoic acid
Concen: 6.281 ng m
RT: 7.83 min Scan# 977
Delta R.T. -0.06 min
Lab File: BF120816.D
Acq: 9 Jul 2020 13:57

Tgt Ion	Ratio	Lower	Upper
122	100		
105	118.5	105.8	145.8
77	101.2	77.3	117.3





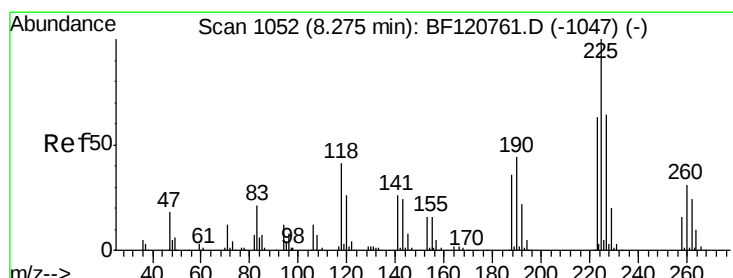
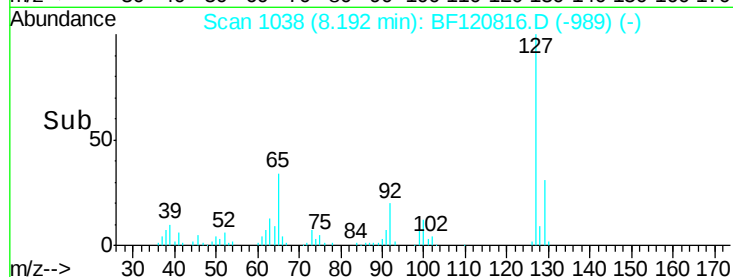
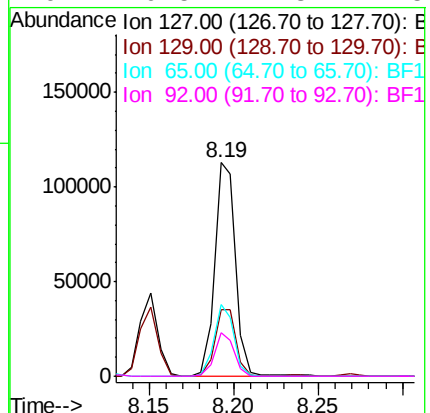
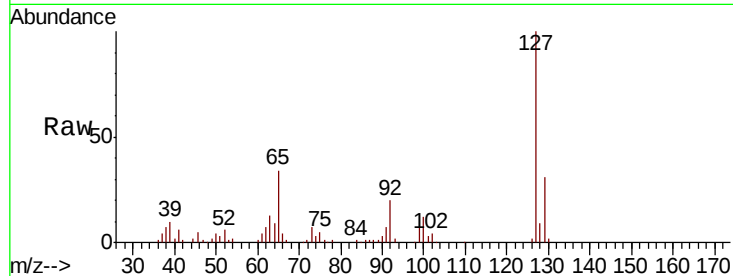
#33
4-Chloroaniline
Concen: 8.534 ng
RT: 8.19 min Scan# 1038
Delta R.T. -0.01 min
Lab File: BF120816.D
Acq: 9 Jul 2020 13:57

Instrument :
BNA_F
ClientSampleId :
LOQ-WATER-02-QT3-2020

Tot Ion	Ratio	Lower	Upper
127	100		
129	31.4	26.6	39.8
65	33.5	22.7	34.1
92	20.5	14.3	21.5

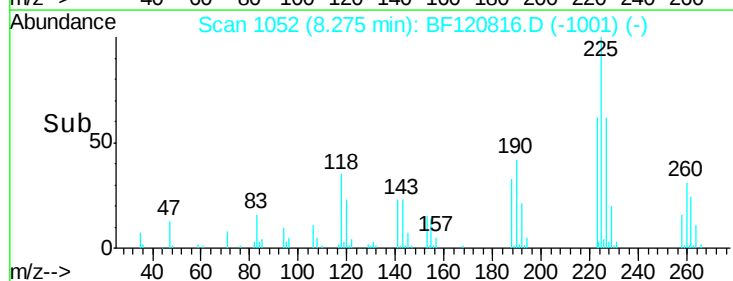
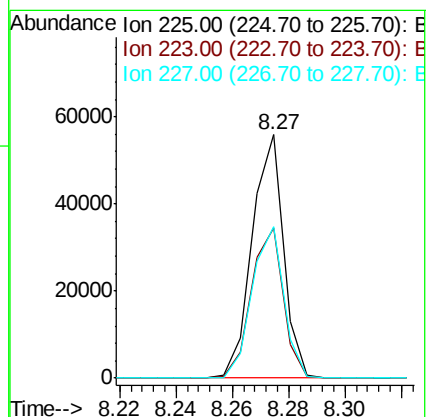
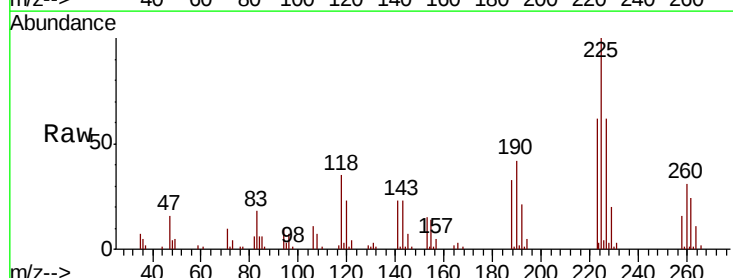
Manual Integrations
APPROVED

mohammad
7/10/2020 11:49:44 AM



#34
Hexachlorobutadiene
Concen: 8.472 ng
RT: 8.27 min Scan# 1052
Delta R.T. 0.00 min
Lab File: BF120816.D
Acq: 9 Jul 2020 13:57

Tgt Ion	Ratio	Lower	Upper
225	100		
223	61.7	50.6	76.0
227	62.0	51.4	77.2





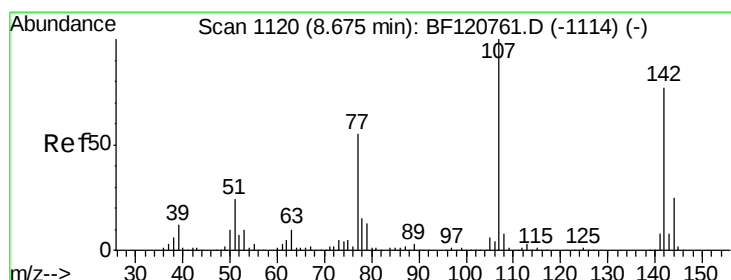
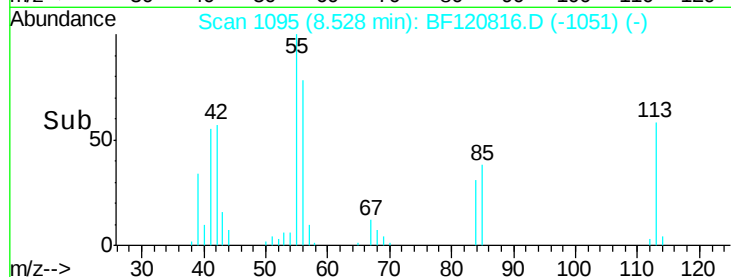
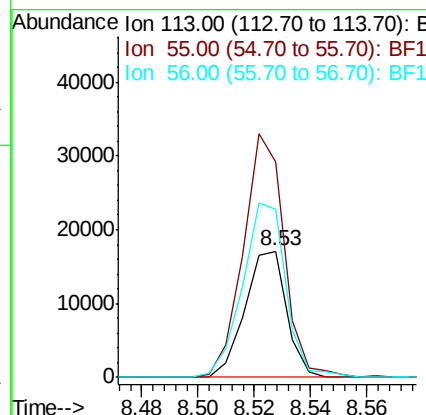
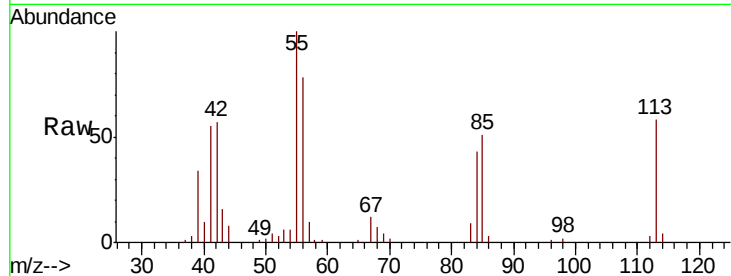
#35
Caprolactam
Concen: 7.978 ng
RT: 8.53 min Scan# 1095
Delta R.T. -0.04 min
Lab File: BF120816.D
Acq: 9 Jul 2020 13:57

Instrument :
BNA_F
ClientSampleId :
LOQ-WATER-02-QT3-2020

Tot Ion	Ratio	Lower	Upper
113	100		
55	171.2	168.3	208.3
56	133.7	118.8	158.8

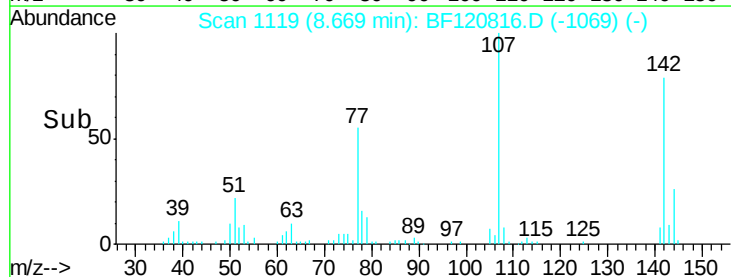
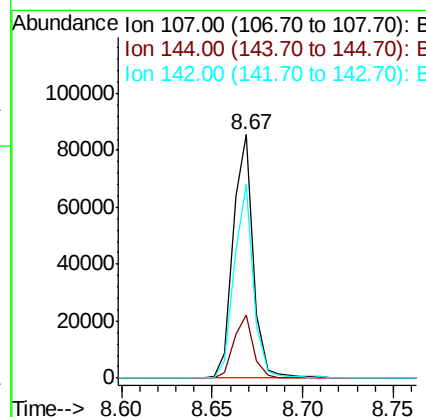
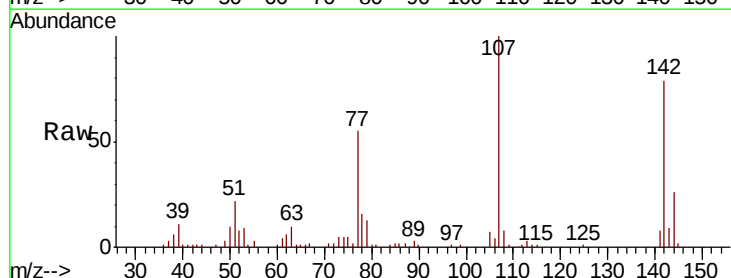
Manual Integrations
APPROVED

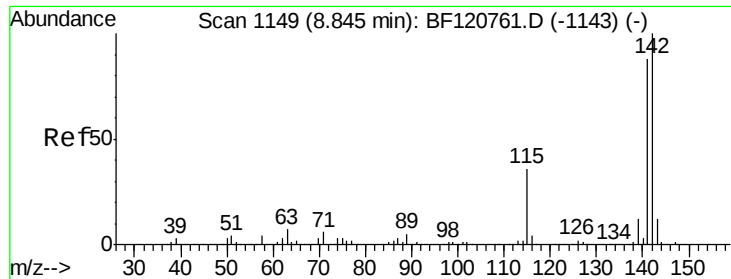
mohammad
7/10/2020 11:49:44 AM



#36
4-Chloro-3-methylphenol
Concen: 8.454 ng
RT: 8.67 min Scan# 1119
Delta R.T. -0.01 min
Lab File: BF120816.D
Acq: 9 Jul 2020 13:57

Tgt Ion	Ratio	Lower	Upper
107	100		
144	25.7	19.7	29.5
142	79.5	61.2	91.8





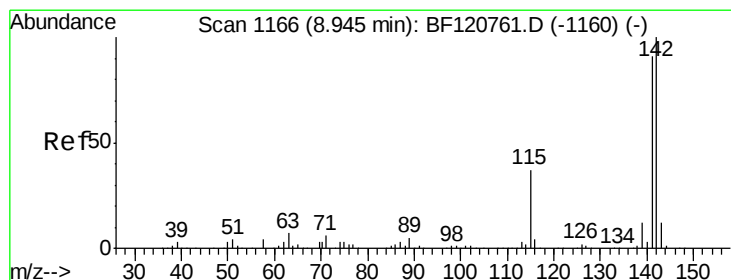
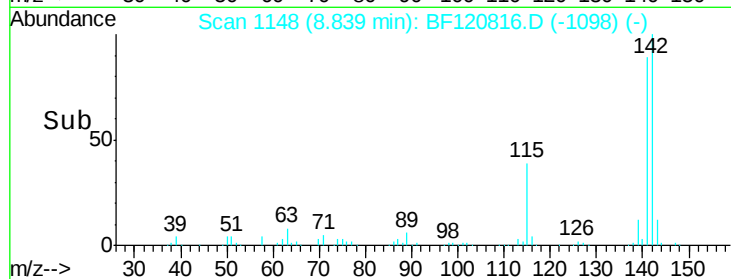
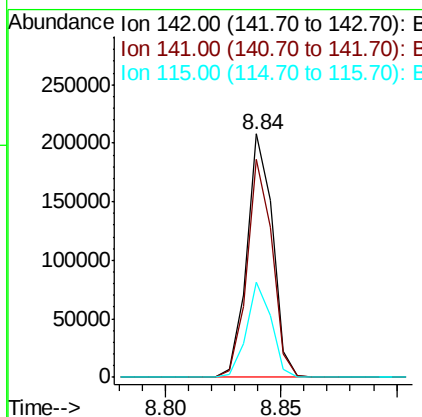
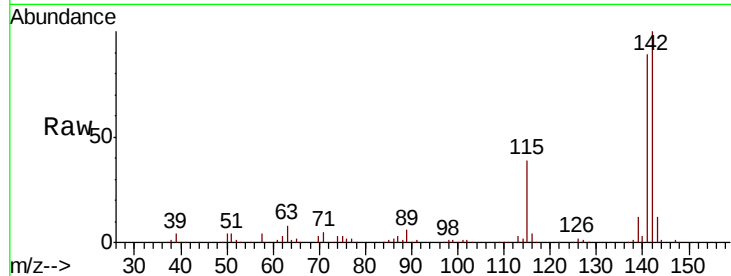
#37
2-Methylnaphthalene
Concen: 9.220 ng
RT: 8.84 min Scan# 1148
Delta R.T. -0.01 min
Lab File: BF120816.D
Acq: 9 Jul 2020 13:57

Instrument :
BNA_F
ClientSampleId :
LOQ-WATER-02-QT3-2020

Tot Ion	Ratio	Lower	Upper
142	100		
141	89.3	70.2	105.4
115	38.9	29.0	43.4

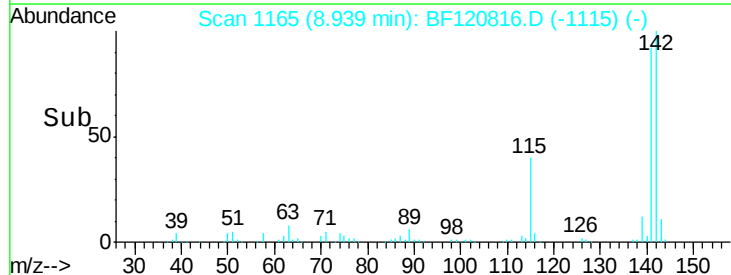
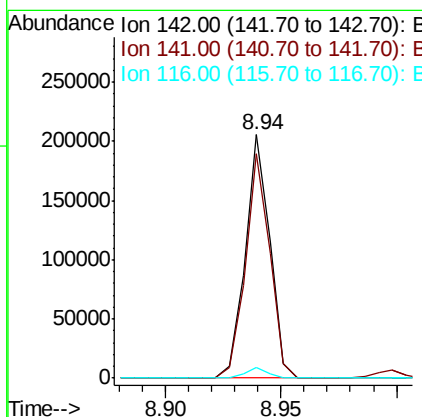
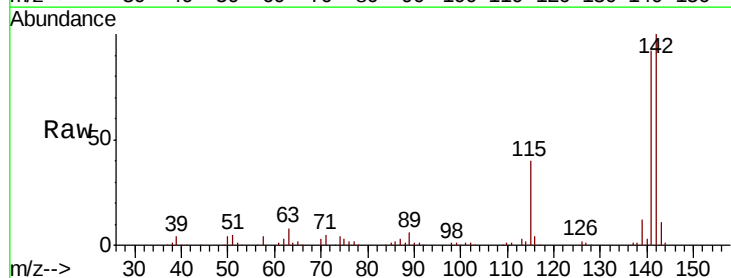
Manual Integrations
APPROVED

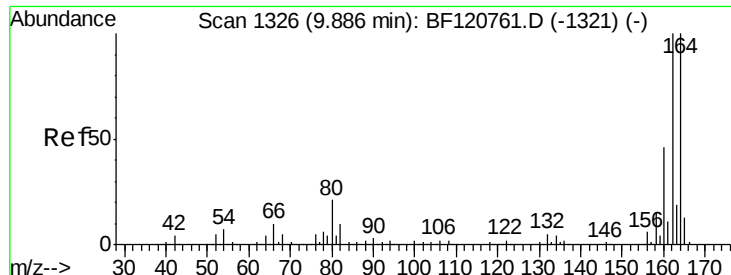
mohammad
7/10/2020 11:49:44 AM



#38
1-Methylnaphthalene
Concen: 9.207 ng
RT: 8.94 min Scan# 1165
Delta R.T. -0.01 min
Lab File: BF120816.D
Acq: 9 Jul 2020 13:57

Tgt Ion	Ratio	Lower	Upper
142	100		
141	92.3	72.5	108.7
116	4.4	3.1	4.7





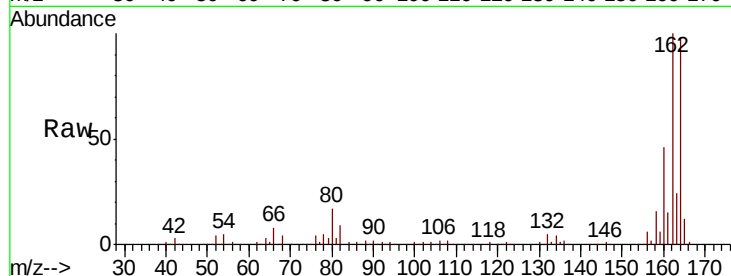
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.89 min Scan# 1326
Delta R.T. 0.00 min
Lab File: BF120816.D
Acq: 9 Jul 2020 13:57

Instrument :
BNA_F
ClientSampleId :
LOQ-WATER-02-QT3-2020

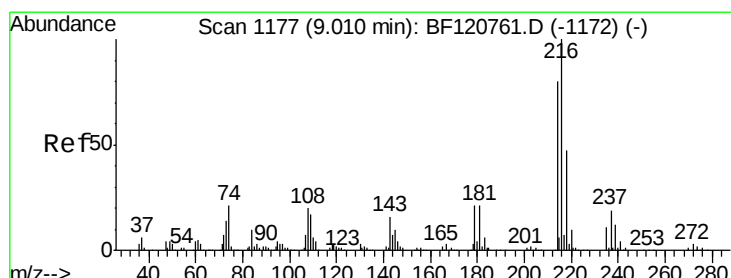
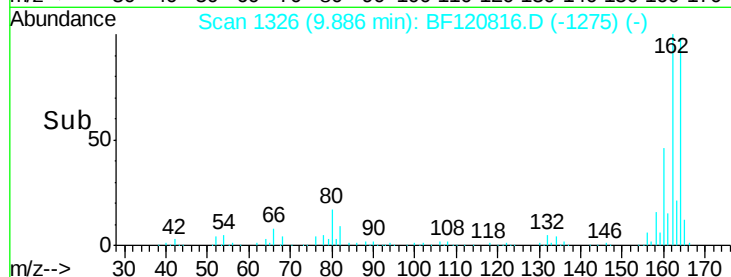
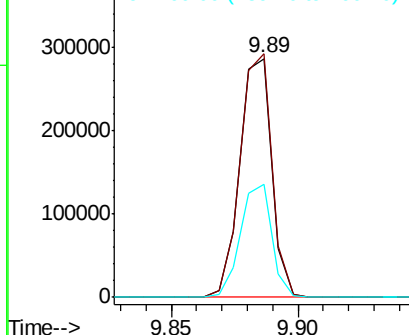
Tot Ion	Ratio	Lower	Upper
164	100		
162	101.9	80.2	120.2
160	47.2	36.9	55.3

Manual Integrations
APPROVED

mohammad
7/10/2020 11:49:44 AM



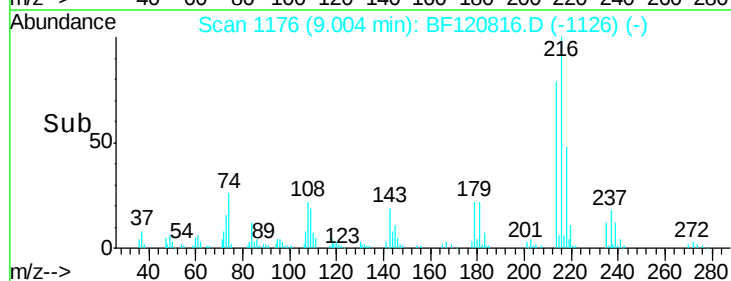
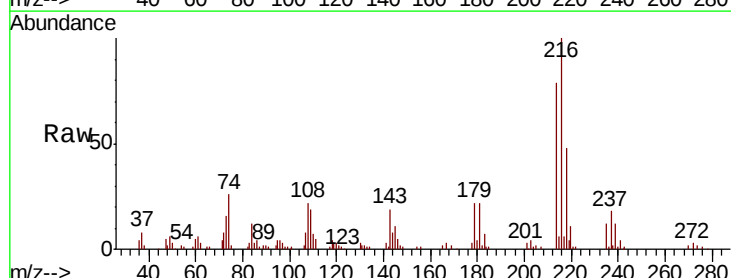
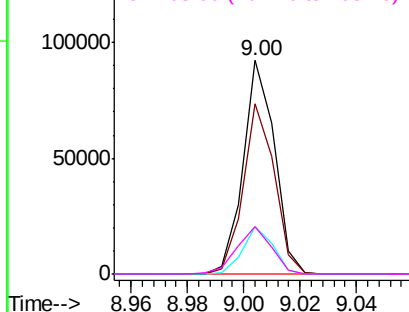
Abundance Ion 164.00 (163.70 to 164.70): E
Ion 162.00 (161.70 to 162.70): E
Ion 160.00 (159.70 to 160.70): E



#40
1,2,4,5-Tetrachlorobenzene
Concen: 9.397 ng
RT: 9.00 min Scan# 1176
Delta R.T. -0.01 min
Lab File: BF120816.D
Acq: 9 Jul 2020 13:57

Tgt Ion	Ratio	Lower	Upper
216	100		
214	78.8	63.7	95.5
179	21.6	16.7	25.1
108	24.3	17.0	25.4

Abundance Ion 216.00 (215.70 to 216.70): E
Ion 214.00 (213.70 to 214.70): E
Ion 179.00 (178.70 to 179.70): E
Ion 108.00 (107.70 to 108.70): E





#41

Hexachlorocyclopentadiene

Concen: 7.739 ng

RT: 9.00 min Scan# 1175

Delta R.T. -0.01 min

Lab File: BF120816.D

Acq: 9 Jul 2020 13:57

Instrument :

BNA_F

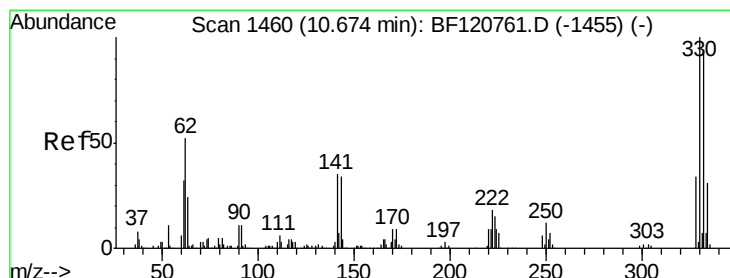
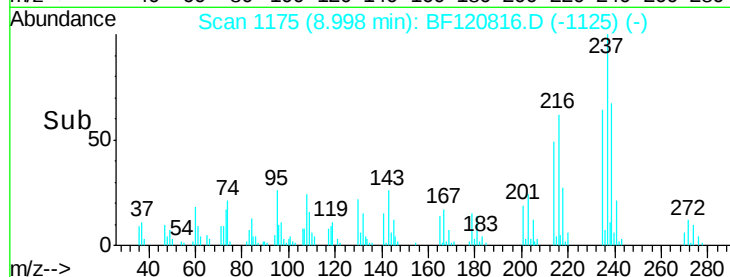
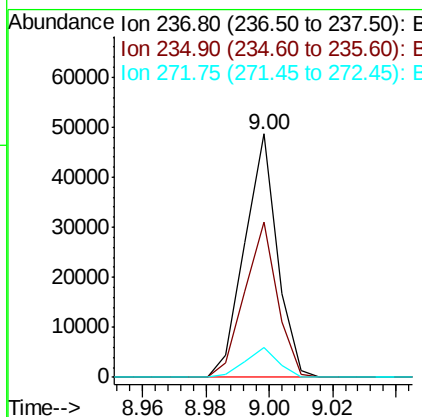
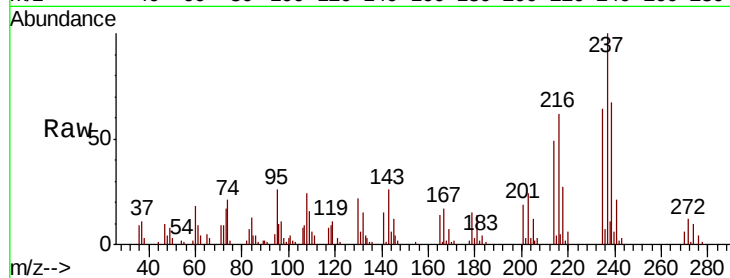
ClientSampleId :

LOQ-WATER-02-QT3-2020

Tot Ion:	237	Resp:	34634
Ion Ratio	Lower	Upper	
237	100		
235	63.7	42.1	82.1
272	12.0	0.0	33.4

Manual Integrations
APPROVED

mohammad
7/10/2020 11:49:44 AM



#42

2,4,6-Tribromophenol

Concen: 104.363 ng

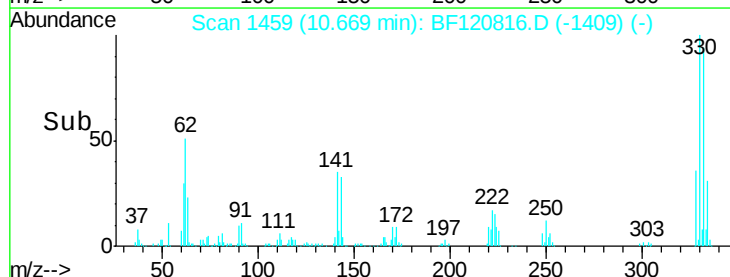
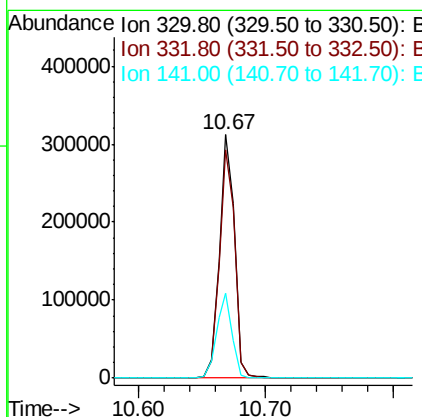
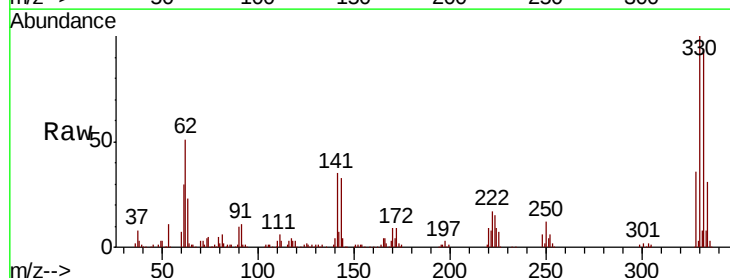
RT: 10.67 min Scan# 1459

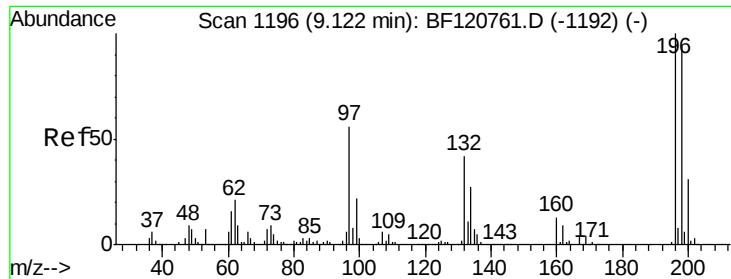
Delta R.T. -0.01 min

Lab File: BF120816.D

Acq: 9 Jul 2020 13:57

Tgt Ion:	330	Resp:	262762
Ion Ratio	Lower	Upper	
330	100		
332	95.7	75.8	113.6
141	36.0	29.7	44.5





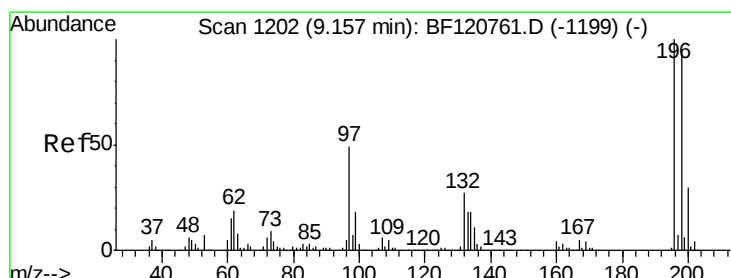
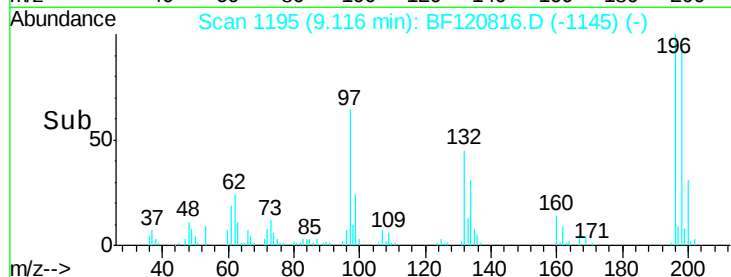
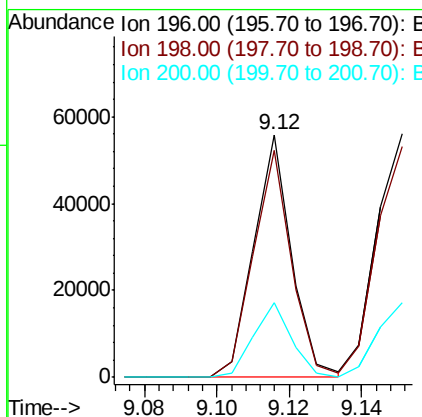
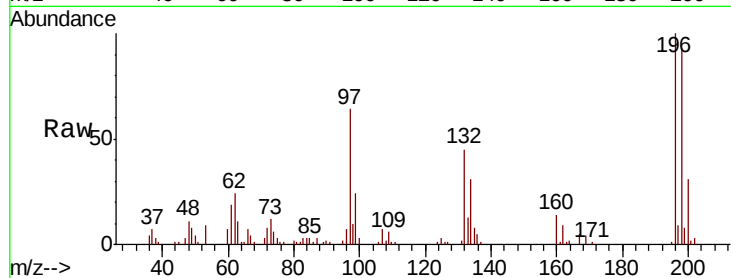
#43
 2,4,6-Trichlorophenol
 Concen: 7.771 ng
 RT: 9.12 min Scan# 1195
 Delta R.T. -0.01 min
 Lab File: BF120816.D
 Acq: 9 Jul 2020 13:57

Instrument :
 BNA_F
 ClientSampleId :
 LOQ-WATER-02-QT3-2020

Tot Ion:	196	Resp:	40107
Ion Ratio	Lower	Upper	
196	100		
198	93.4	75.3	112.9
200	30.6	24.4	36.6

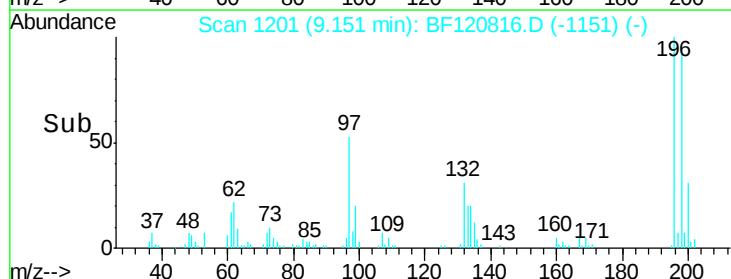
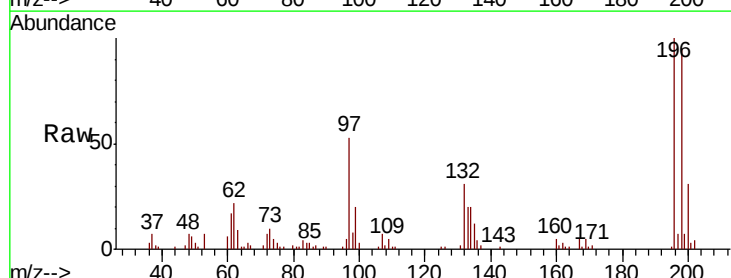
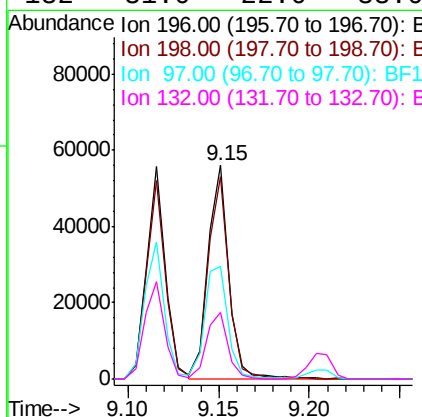
Manual Integrations
 APPROVED

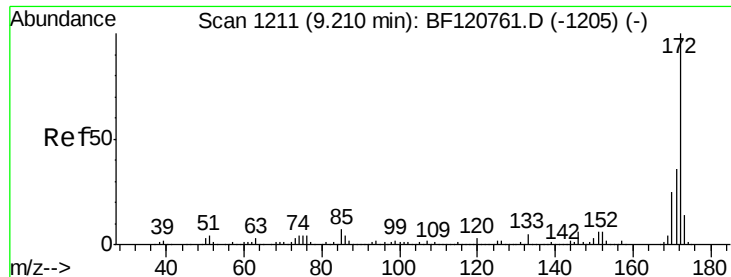
mohammad
 7/10/2020 11:49:44 AM



#44
 2,4,5-Trichlorophenol
 Concen: 7.810 ng
 RT: 9.15 min Scan# 1201
 Delta R.T. -0.01 min
 Lab File: BF120816.D
 Acq: 9 Jul 2020 13:57

Tgt Ion:	196	Resp:	44736
Ion Ratio	Lower	Upper	
196	100		
198	94.6	76.2	114.2
97	53.0	39.6	59.4
132	31.0	22.0	33.0





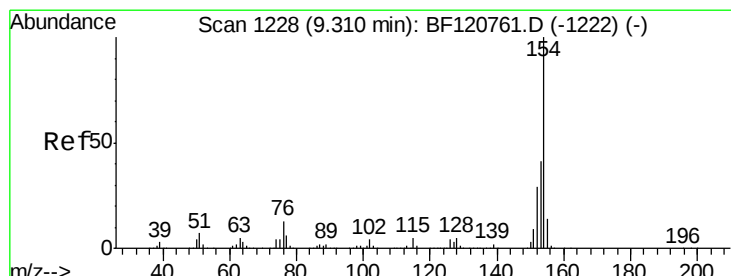
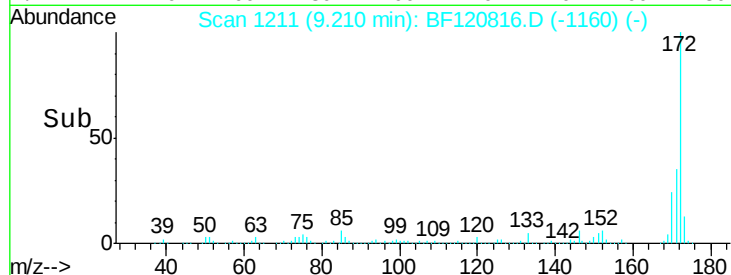
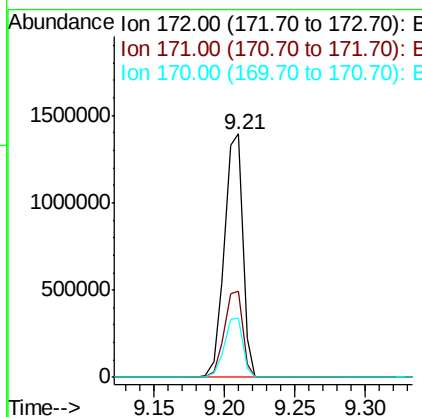
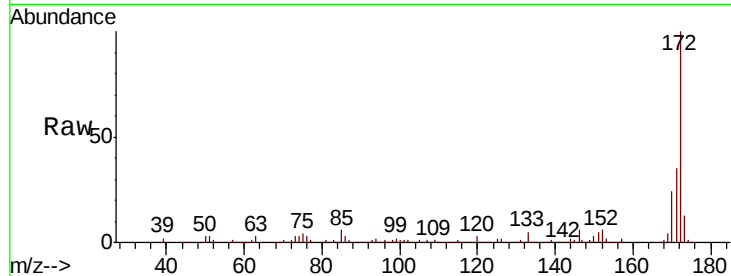
#45
2-Fluorobiphenyl
Concen: 76.604 ng
RT: 9.21 min Scan# 1211
Delta R.T. 0.00 min
Lab File: BF120816.D
Acq: 9 Jul 2020 13:57

Instrument :
BNA_F
ClientSampleId :
LOQ-WATER-02-QT3-2020

Tot Ion	Ratio	Lower	Upper
172	100		
171	35.3	29.1	43.7
170	24.5	19.8	29.6

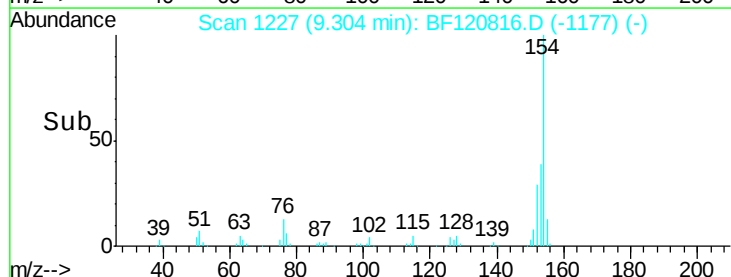
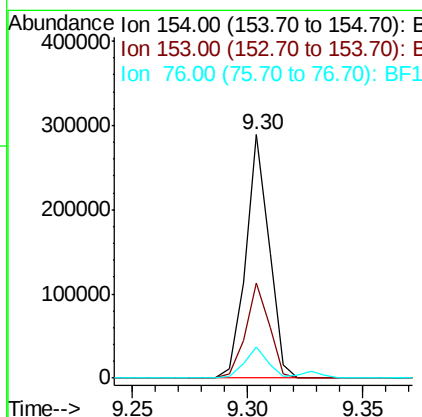
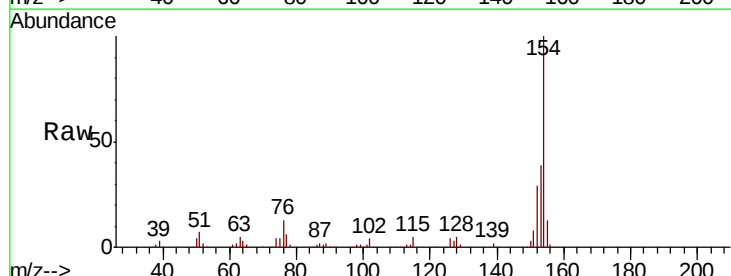
Manual Integrations
APPROVED

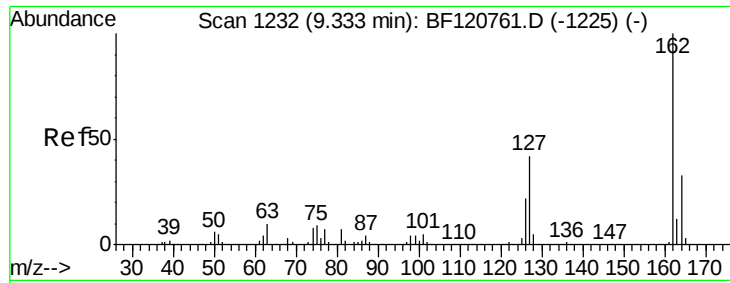
mohammad
7/10/2020 11:49:44 AM



#46
1,1'-Biphenyl
Concen: 10.116 ng
RT: 9.30 min Scan# 1227
Delta R.T. -0.01 min
Lab File: BF120816.D
Acq: 9 Jul 2020 13:57

Tgt Ion	Ratio	Lower	Upper
154	100		
153	39.3	20.7	60.7
76	12.7	0.0	33.3





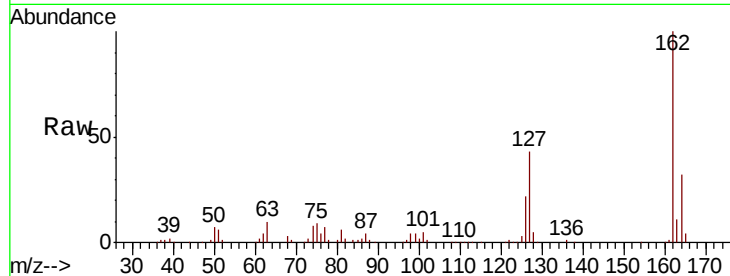
#47
2-Chloronaphthalene
Concen: 8.898 ng
RT: 9.33 min Scan# 1231
Delta R.T. -0.01 min
Lab File: BF120816.D
Acq: 9 Jul 2020 13:57

Instrument :
BNA_F
ClientSampleId :
LOQ-WATER-02-QT3-2020

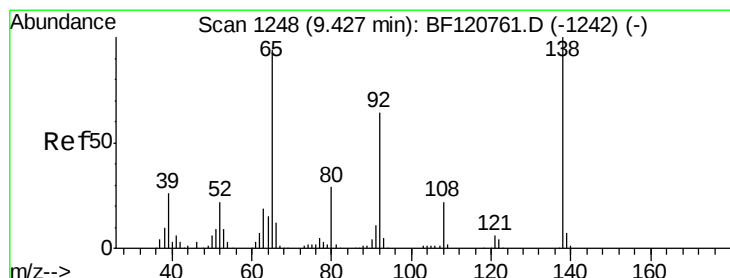
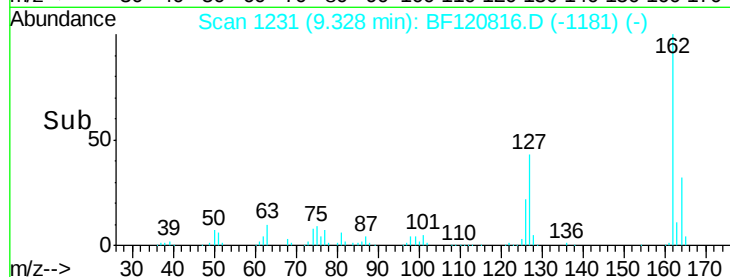
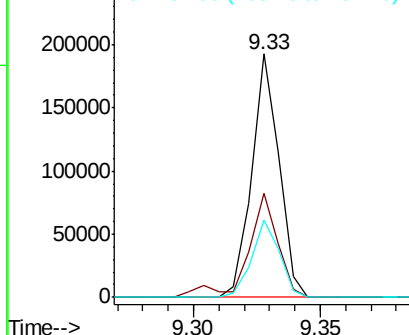
Tot Ion	Ratio	Resp	Lower	Upper
162	100	144104		
127	42.7	33.7	50.5	
164	32.0	26.4	39.6	

Manual Integrations
APPROVED

mohammad
7/10/2020 11:49:44 AM

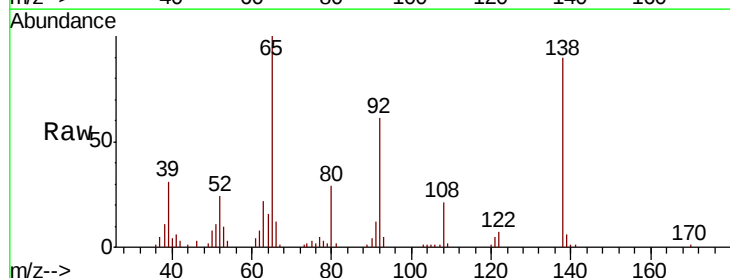


Abundance Ion 162.00 (161.70 to 162.70): E
Ion 127.00 (126.70 to 127.70): E
Ion 164.00 (163.70 to 164.70): E

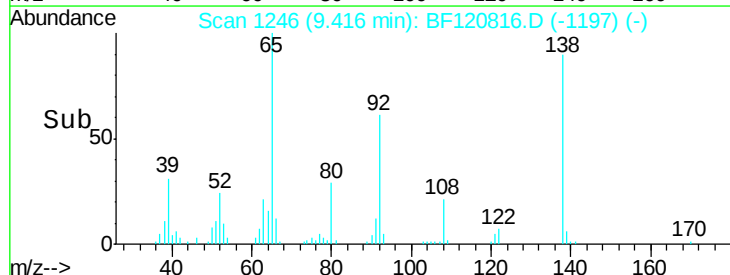
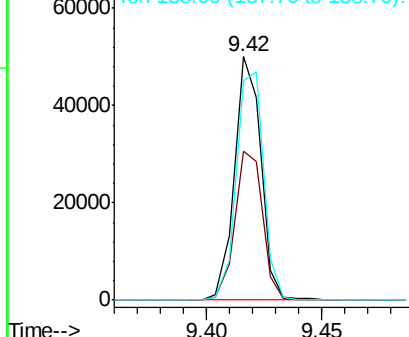


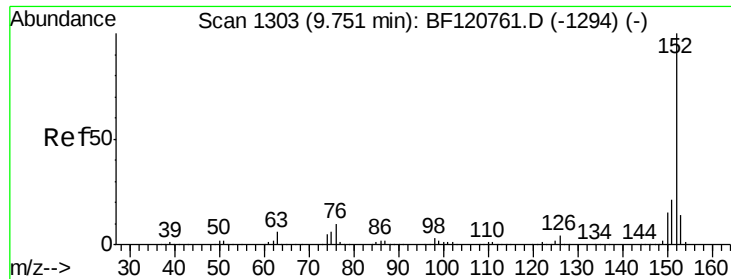
#48
2-Nitroaniline
Concen: 9.251 ng
RT: 9.42 min Scan# 1246
Delta R.T. -0.01 min
Lab File: BF120816.D
Acq: 9 Jul 2020 13:57

Tgt Ion	Ratio	Resp	Lower	Upper
65	100	40085		
92	61.2	54.4	81.6	
138	89.9	84.7	127.1	



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





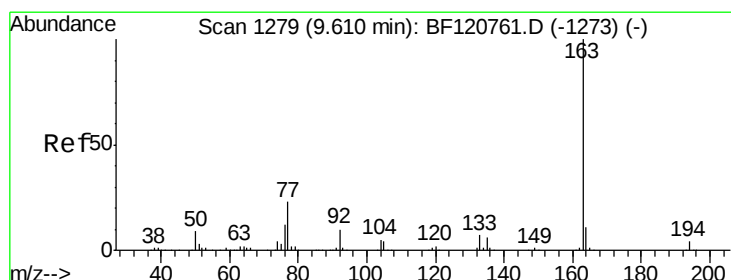
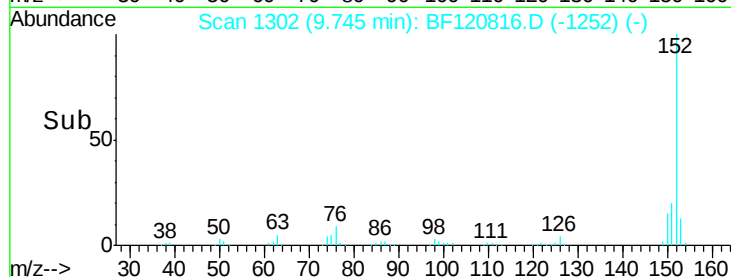
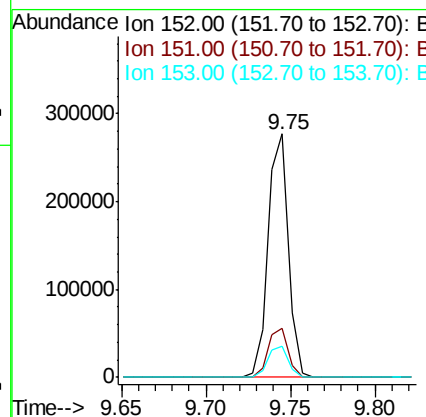
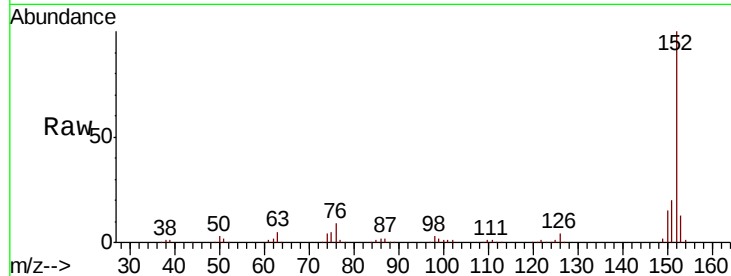
#49
Acenaphthylene
Concen: 9.097 ng
RT: 9.75 min Scan# 1302
Delta R.T. -0.01 min
Lab File: BF120816.D
Acq: 9 Jul 2020 13:57

Instrument :
BNA_F
ClientSampleId :
LOQ-WATER-02-QT3-2020

Tot Ion	Ratio	Resp Lower	Upper
152	100		
151	19.9	16.9	25.3
153	12.9	10.8	16.2

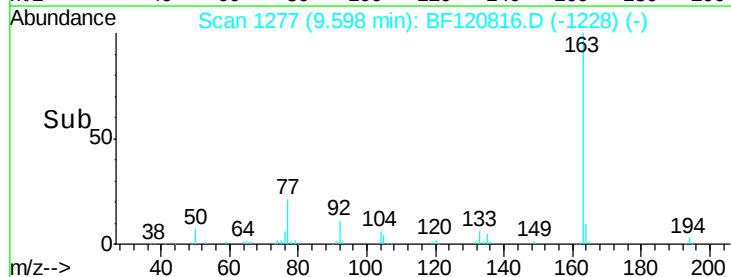
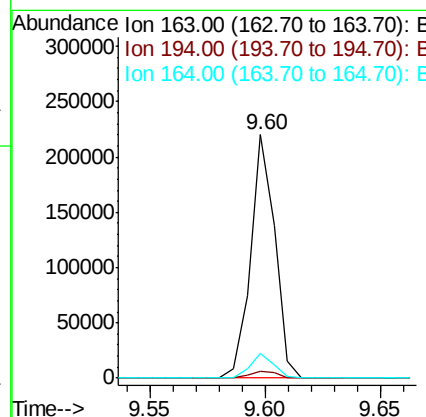
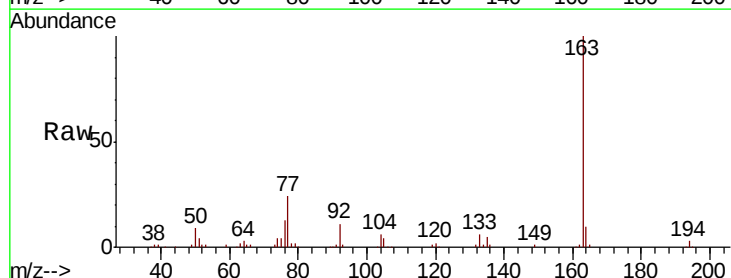
Manual Integrations
APPROVED

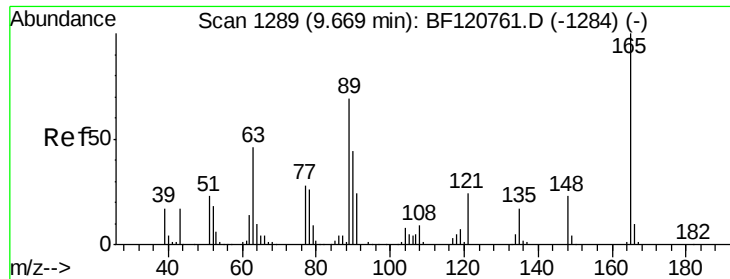
mohammad
7/10/2020 11:49:44 AM



#50
Dimethylphthalate
Concen: 8.828 ng
RT: 9.60 min Scan# 1277
Delta R.T. -0.01 min
Lab File: BF120816.D
Acq: 9 Jul 2020 13:57

Tgt Ion	Ratio	Resp Lower	Upper
163	100		
194	3.0	2.9	4.3
164	10.3	8.5	12.7





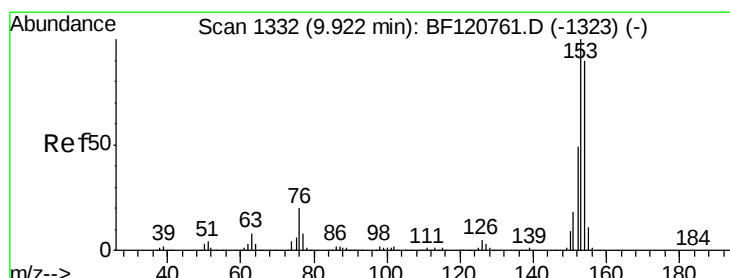
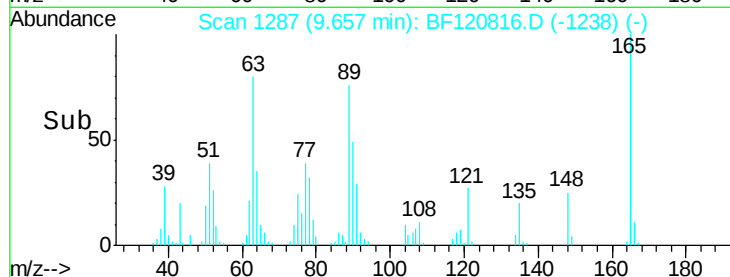
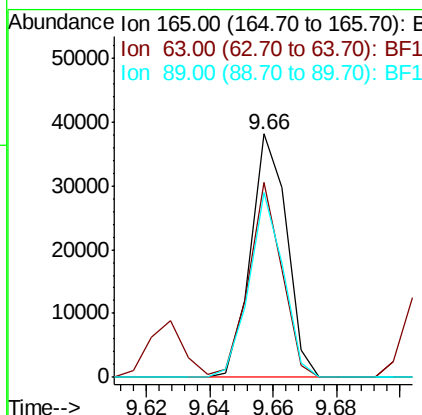
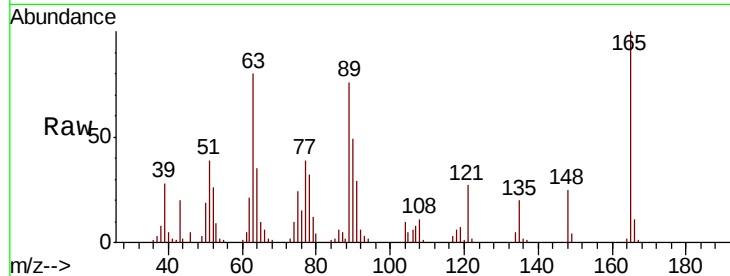
#51
2,6-Dinitrotoluene
Concen: 9.084 ng
RT: 9.66 min Scan# 1287
Delta R.T. -0.01 min
Lab File: BF120816.D
Acq: 9 Jul 2020 13:57

Instrument :
BNA_F
ClientSampleId :
LOQ-WATER-02-QT3-2020

Tot Ion	Ratio	Lower	Upper
165	100		
63	79.9	54.0	81.0
89	76.1	55.4	83.2

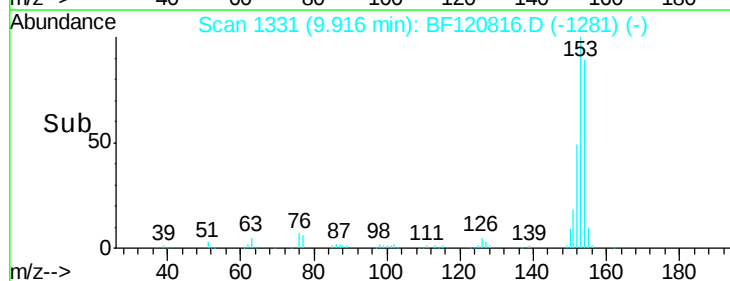
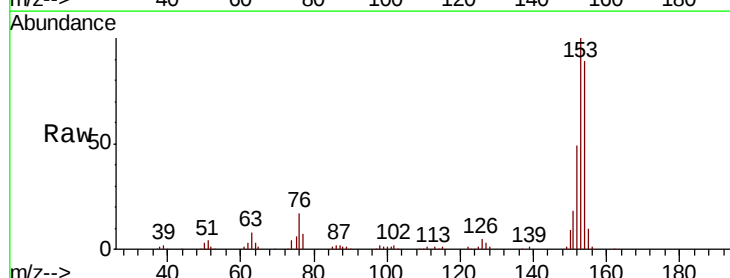
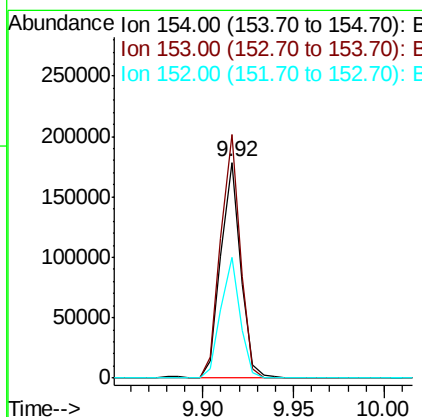
Manual Integrations
APPROVED

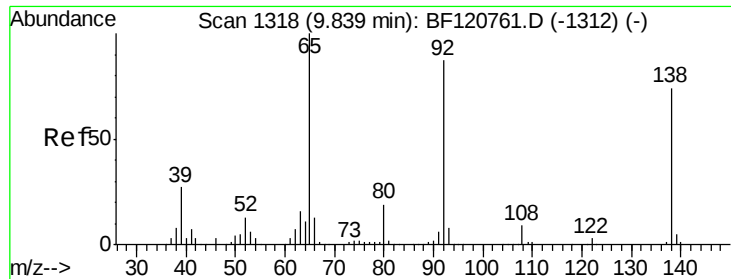
mohammad
7/10/2020 11:49:44 AM



#52
Acenaphthene
Concen: 8.696 ng
RT: 9.92 min Scan# 1331
Delta R.T. -0.01 min
Lab File: BF120816.D
Acq: 9 Jul 2020 13:57

Tgt Ion	Ratio	Lower	Upper
154	100		
153	112.8	88.6	132.8
152	55.8	43.6	65.4





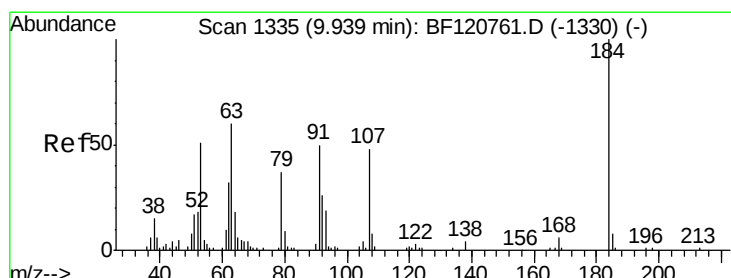
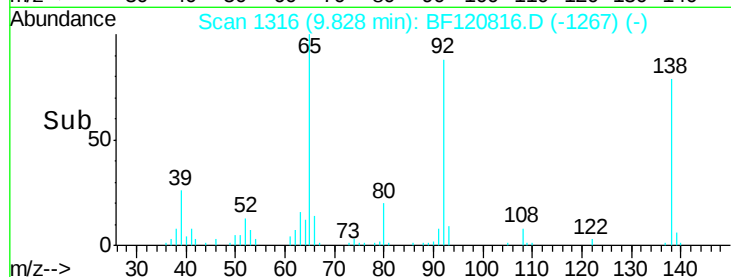
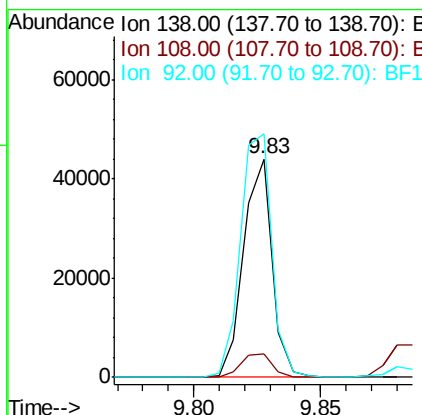
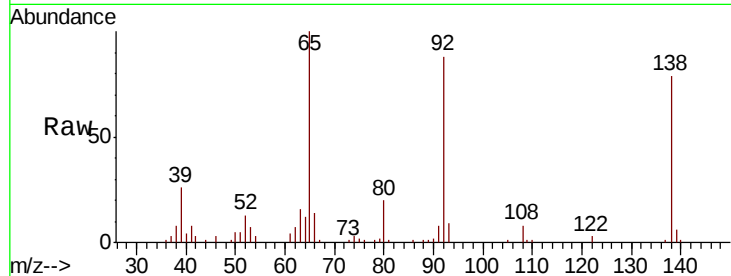
#53
3-Nitroaniline
Concen: 8.439 ng
RT: 9.83 min Scan# 1316
Delta R.T. -0.01 min
Lab File: BF120816.D
Acq: 9 Jul 2020 13:57

Instrument :
BNA_F
ClientSampleId :
LOQ-WATER-02-QT3-2020

Tot Ion	Ratio	Lower	Upper
138	100		
108	10.7	9.8	14.6
92	111.4	93.4	140.2

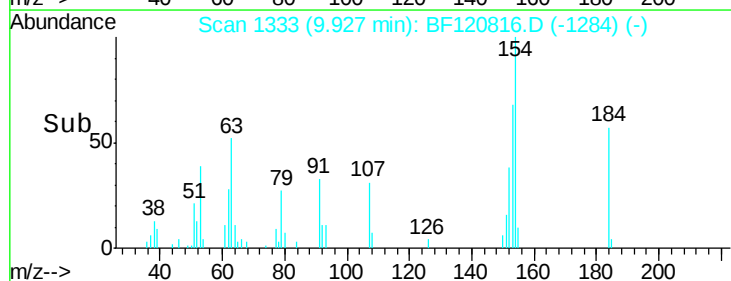
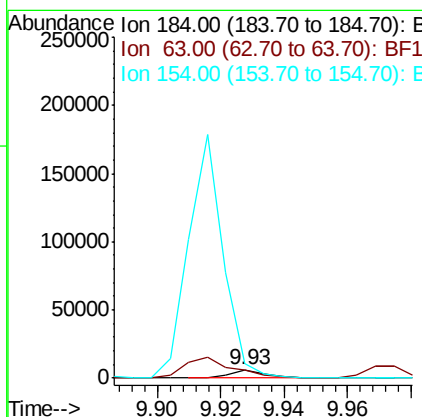
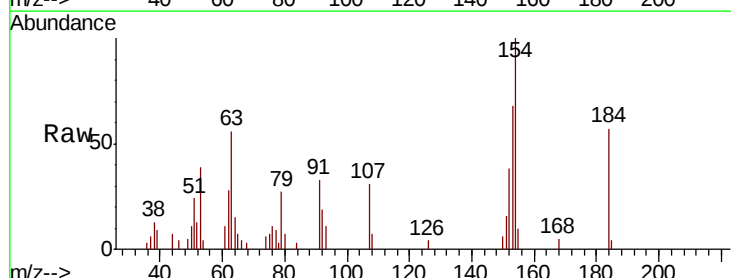
Manual Integrations
APPROVED

mohammad
7/10/2020 11:49:44 AM



#54
2,4-Dinitrophenol
Concen: 4.477 ng
RT: 9.93 min Scan# 1333
Delta R.T. -0.01 min
Lab File: BF120816.D
Acq: 9 Jul 2020 13:57

Tgt Ion	Ratio	Lower	Upper
184	100		
63	96.9	57.3	85.9#
154	174.3	55.8	83.6#





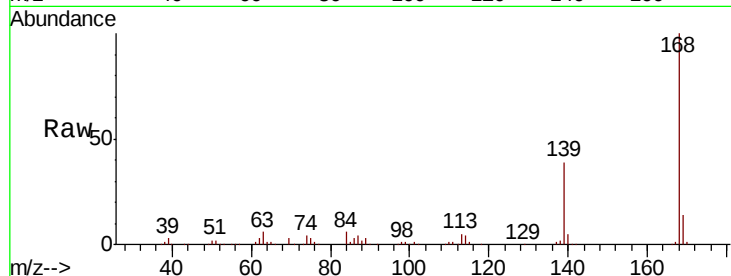
#55
Dibenzenofuran
Concen: 9.201 ng
RT: 10.09 min Scan# 1360
Delta R.T. -0.01 min
Lab File: BF120816.D
Acq: 9 Jul 2020 13:57

Instrument :
BNA_F
ClientSampleId :
LOQ-WATER-02-QT3-2020

Tot Ion	Ratio	Resp	Lower	Upper
168	100	208908		
139	38.7		31.3	46.9
169	13.9		11.2	16.8

Manual Integrations
APPROVED

mohammad
7/10/2020 11:49:44 AM

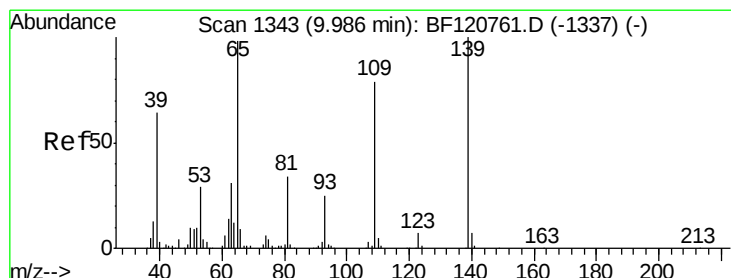
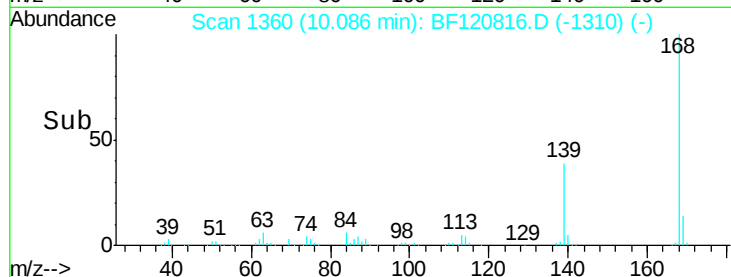
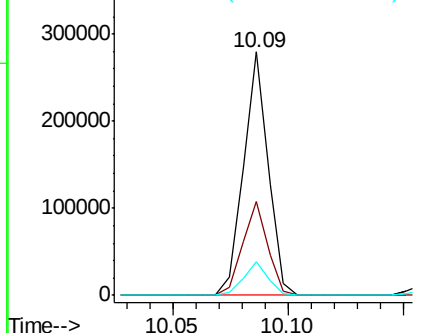


Abundance

Ion 168.00 (167.70 to 168.70): E

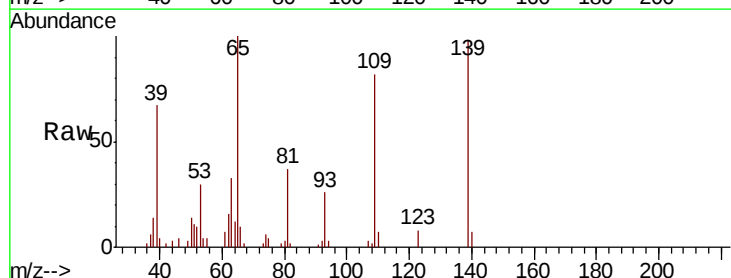
Ion 139.00 (138.70 to 139.70): E

Ion 169.00 (168.70 to 169.70): E



#56
4-Nitrophenol
Concen: 7.682 ng
RT: 9.97 min Scan# 1341
Delta R.T. -0.01 min
Lab File: BF120816.D
Acq: 9 Jul 2020 13:57

Tgt Ion	Ratio	Resp	Lower	Upper
139	100	23024		
109	84.0		58.6	98.6
65	102.3		78.7	118.7

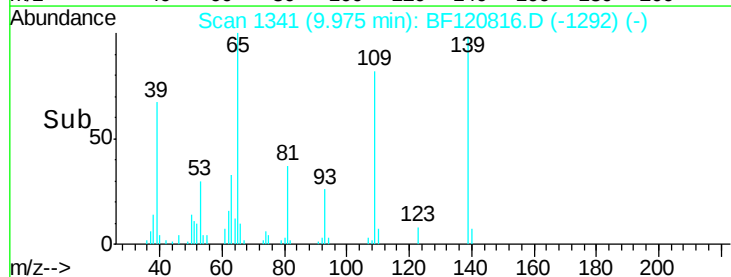
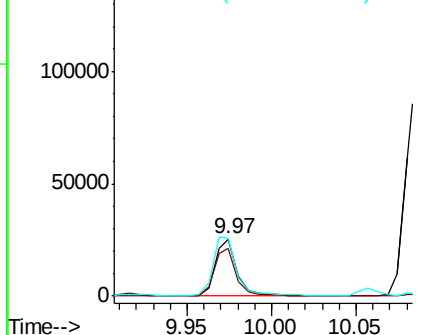


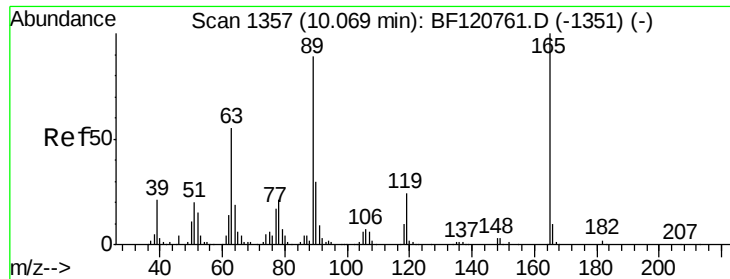
Abundance

Ion 139.00 (138.70 to 139.70): E

Ion 109.00 (108.70 to 109.70): E

Ion 65.00 (64.70 to 65.70): BF1





#57

2,4-Dinitrotoluene

Concen: 9.041 ng

RT: 10.06 min Scan# 1355

Delta R.T. -0.01 min

Lab File: BF120816.D

Acq: 9 Jul 2020 13:57

Instrument :

BNA_F

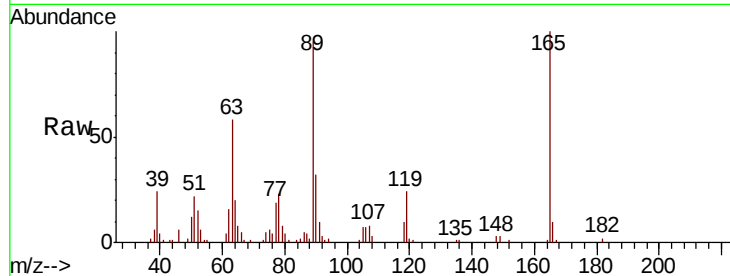
ClientSampleId :

LOQ-WATER-02-QT3-2020

Tot Ion:	165	Resp:	35851
Ion Ratio	Lower	Upper	
165	100		
63	58.5	43.8	65.8
89	94.7	71.4	107.2
182	2.0	1.8	2.6

Manual Integrations
APPROVED

mohammad
7/10/2020 11:49:44 AM

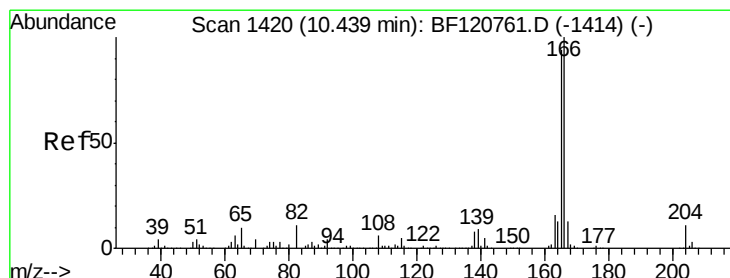
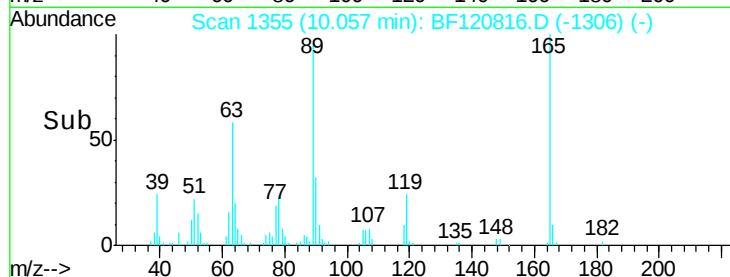
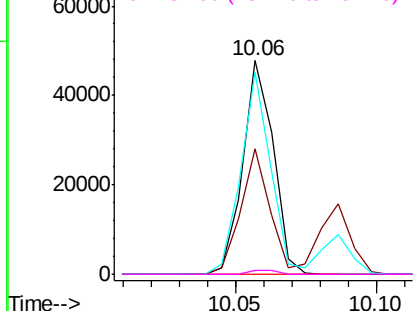


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF1

Ion 89.00 (88.70 to 89.70): BF1

Ion 182.00 (181.70 to 182.70): E



#58

Fluorene

Concen: 9.491 ng

RT: 10.43 min Scan# 1418

Delta R.T. -0.01 min

Lab File: BF120816.D

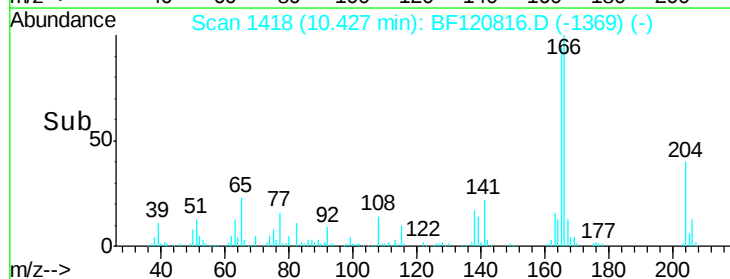
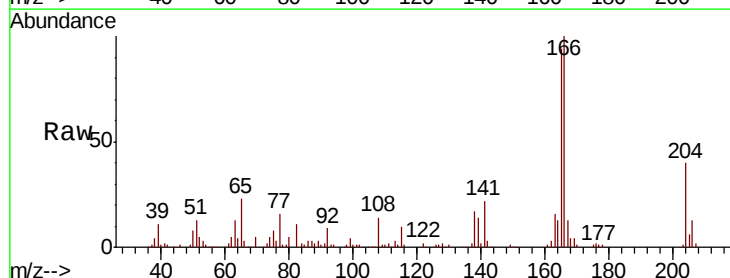
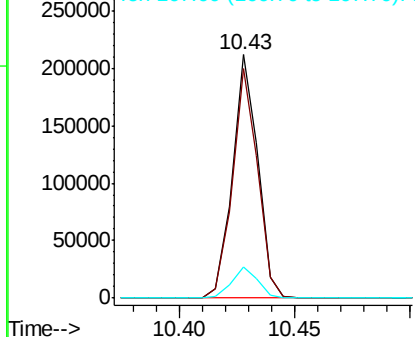
Acq: 9 Jul 2020 13:57

Tgt Ion:	166	Resp:	160408
Ion Ratio	Lower	Upper	
166	100		
165	94.4	75.5	113.3
167	13.0	10.6	16.0

Abundance Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E





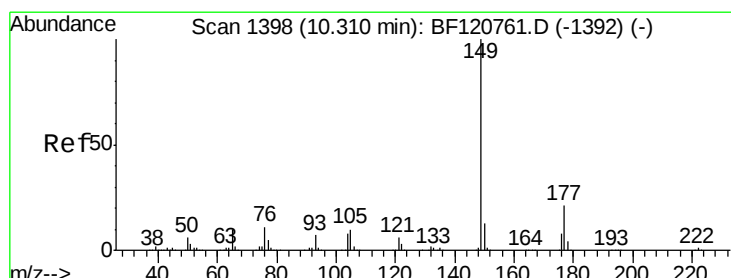
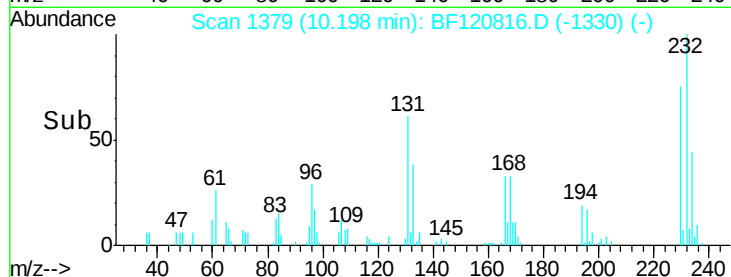
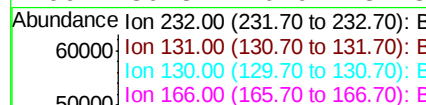
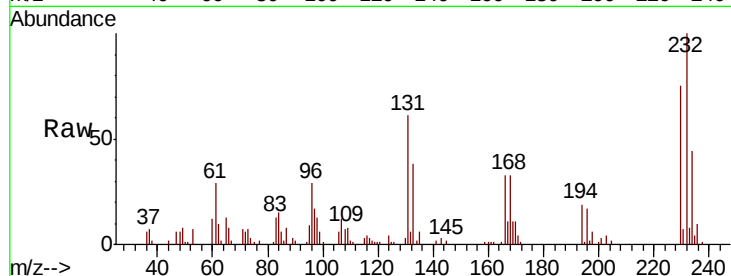
#59
2,3,4,6-Tetrachlorophenol
Concen: 8.478 ng
RT: 10.20 min Scan# 1379
Delta R.T. -0.01 min
Lab File: BF120816.D
Acq: 9 Jul 2020 13:57

Instrument :
BNA_F
ClientSampleId :
LOQ-WATER-02-QT3-2020

Tot Ion:	232	Resp:	36135
Ion Ratio	Lower	Upper	
232	100		
131	53.5	36.3	54.5
130	2.5	2.0	3.0
166	30.8	20.9	31.3

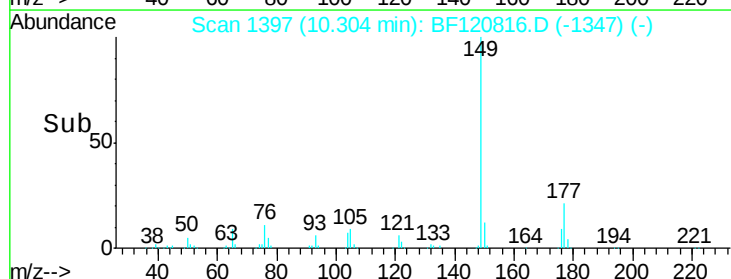
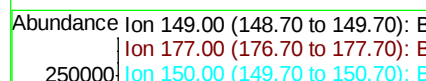
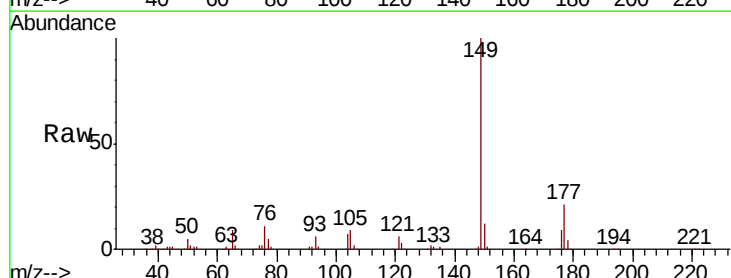
Manual Integrations
APPROVED

mohammad
7/10/2020 11:49:44 AM



#60
Diethylphthalate
Concen: 8.544 ng
RT: 10.30 min Scan# 1397
Delta R.T. -0.01 min
Lab File: BF120816.D
Acq: 9 Jul 2020 13:57

Tgt Ion:	149	Resp:	162714
Ion Ratio	Lower	Upper	
149	100		
177	20.9	16.4	24.6
150	12.3	10.2	15.4





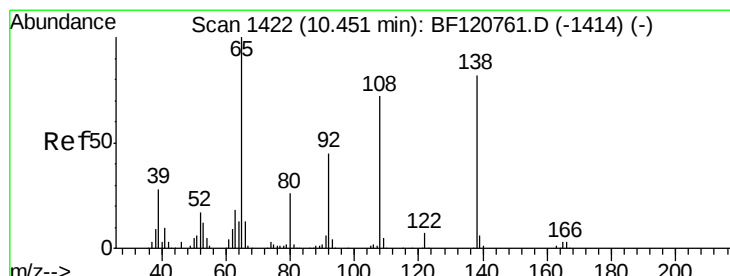
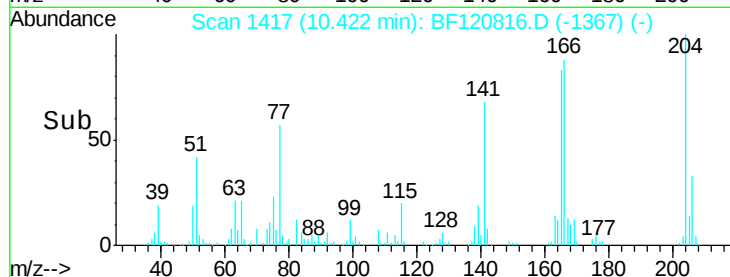
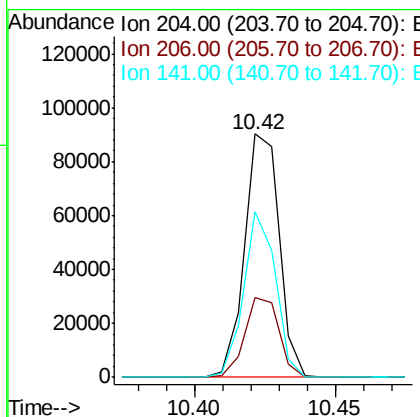
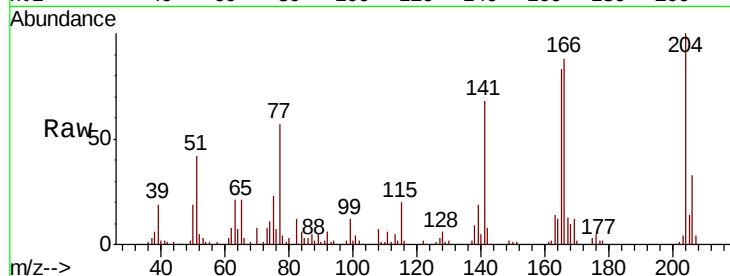
#61
4-Chlorophenyl-phenylether
Concen: 9.022 ng
RT: 10.42 min Scan# 1417
Delta R.T. -0.01 min
Lab File: BF120816.D
Acq: 9 Jul 2020 13:57

Instrument :
BNA_F
ClientSampleId :
LOQ-WATER-02-QT3-2020

Tot Ion	Ratio	Lower	Upper
204	100		
206	32.8	26.7	40.1
141	68.2	48.5	72.7

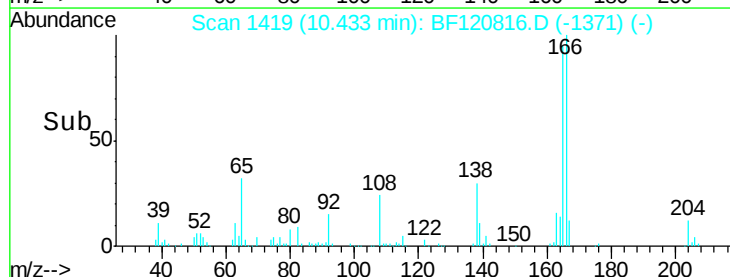
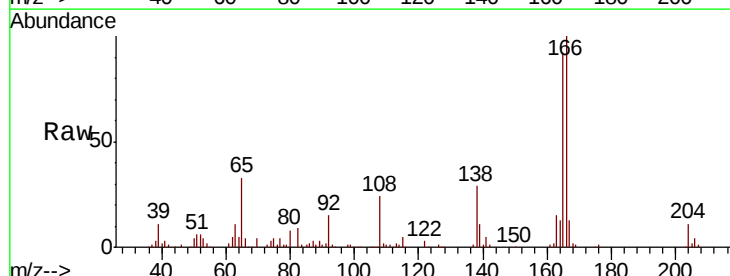
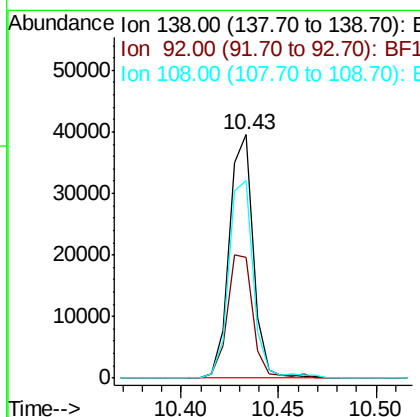
Manual Integrations
APPROVED

mohammad
7/10/2020 11:49:44 AM



#62
4-Nitroaniline
Concen: 8.720 ng
RT: 10.43 min Scan# 1419
Delta R.T. -0.02 min
Lab File: BF120816.D
Acq: 9 Jul 2020 13:57

Tgt Ion	Ratio	Lower	Upper
138	100		
92	49.6	34.3	74.3
108	81.1	68.3	108.3





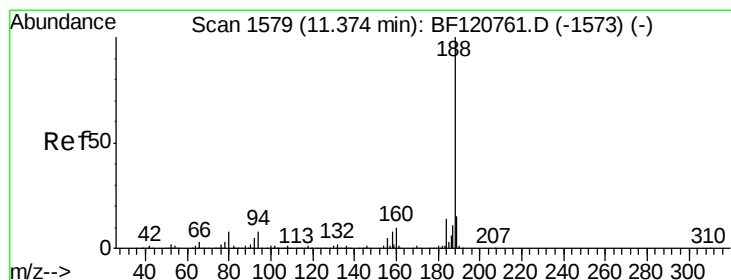
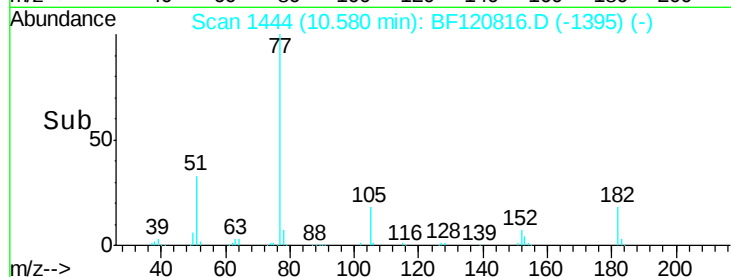
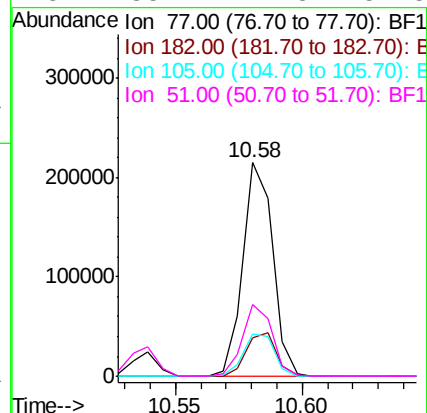
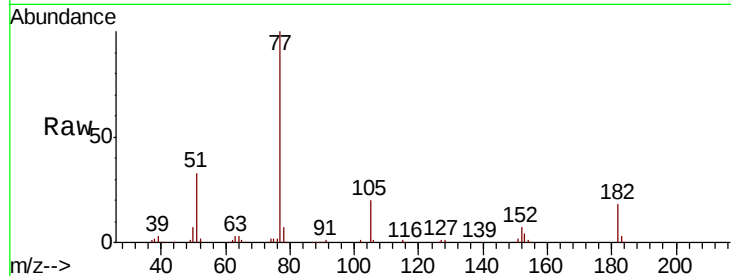
#63
Azobenzene
Concen: 9.024 ng
RT: 10.58 min Scan# 1444
Delta R.T. -0.01 min
Lab File: BF120816.D
Acq: 9 Jul 2020 13:57

Instrument :
BNA_F
ClientSampleId :
LOQ-WATER-02-QT3-2020

Tot Ion	Ion	Ratio	Resp	Lower	Upper
77	100				
182	18.2	4.0	44.0		
105	19.7	2.6	42.6		
51	33.4	11.5	51.5		

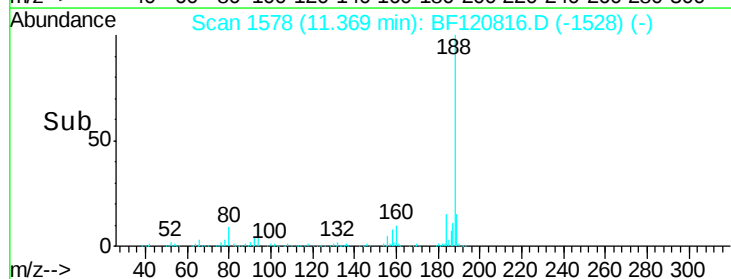
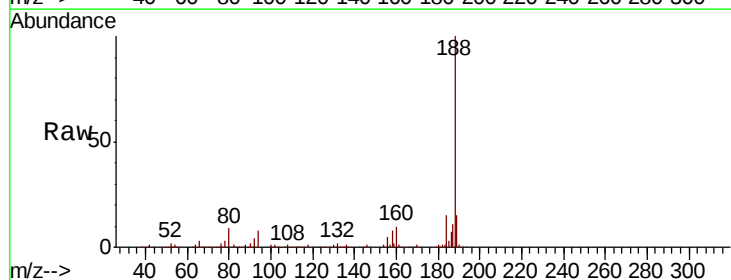
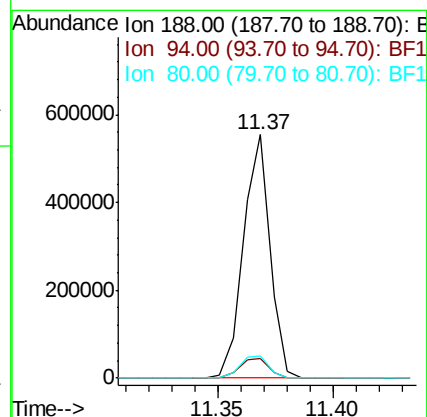
Manual Integrations
APPROVED

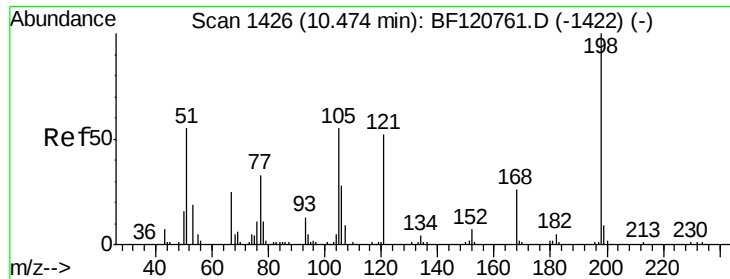
mohammad
7/10/2020 11:49:44 AM



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.37 min Scan# 1578
Delta R.T. -0.01 min
Lab File: BF120816.D
Acq: 9 Jul 2020 13:57

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
188	100				
94	8.3	6.6	9.8		
80	9.0	6.6	10.0		





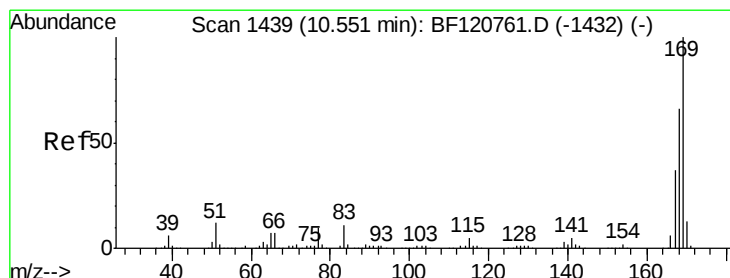
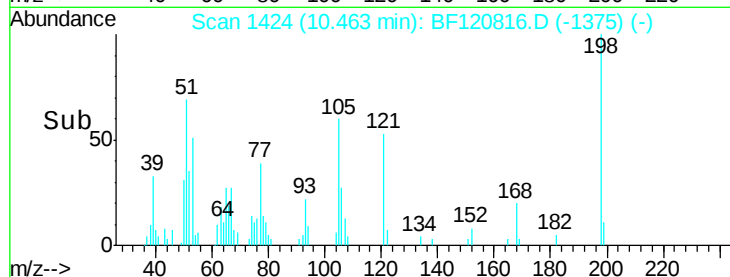
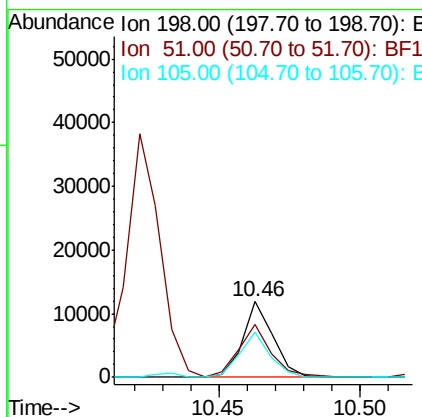
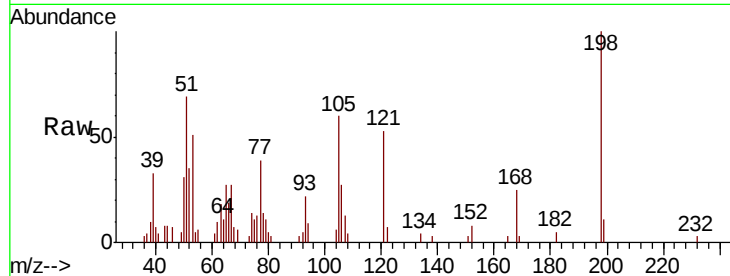
#65
 4,6-Dinitro-2-methylphenol
 Concen: 6.160 ng
 RT: 10.46 min Scan# 1424
 Delta R.T. -0.01 min
 Lab File: BF120816.D
 Acq: 9 Jul 2020 13:57

Instrument :
 BNA_F
 ClientSampleId :
 LOQ-WATER-02-QT3-2020

Tot Ion	Ratio	Lower	Upper
198	100		
51	69.5	50.0	90.0
105	59.8	38.3	78.3

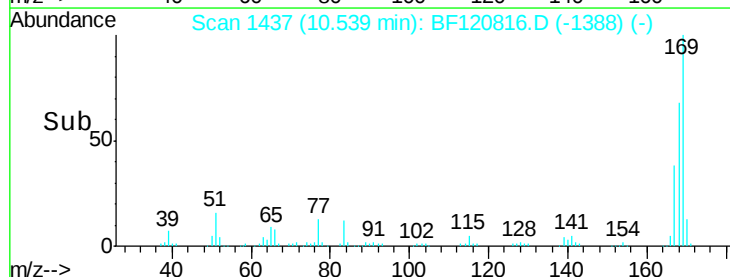
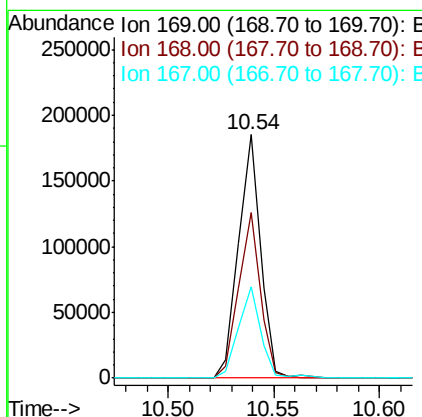
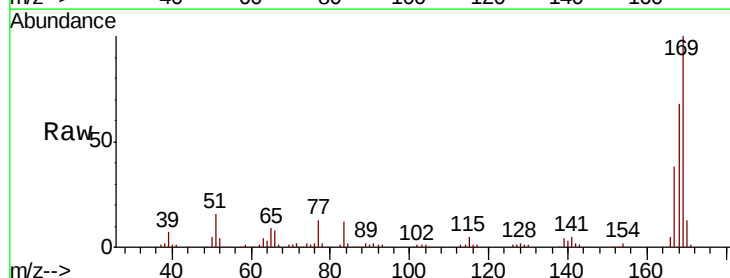
Manual Integrations
 APPROVED

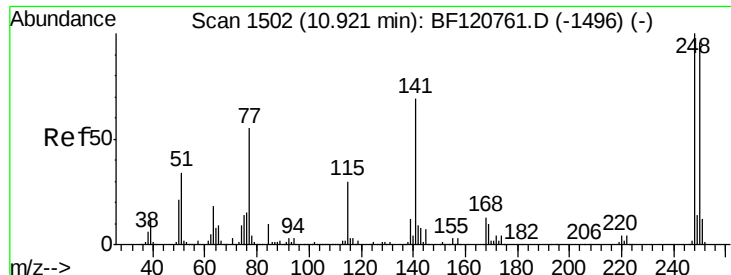
mohammad
 7/10/2020 11:49:44 AM



#66
 n-Nitrosodiphenylamine
 Concen: 8.935 ng
 RT: 10.54 min Scan# 1437
 Delta R.T. -0.01 min
 Lab File: BF120816.D
 Acq: 9 Jul 2020 13:57

Tgt Ion	Ratio	Lower	Upper
169	100		
168	68.0	53.1	79.7
167	37.7	29.6	44.4





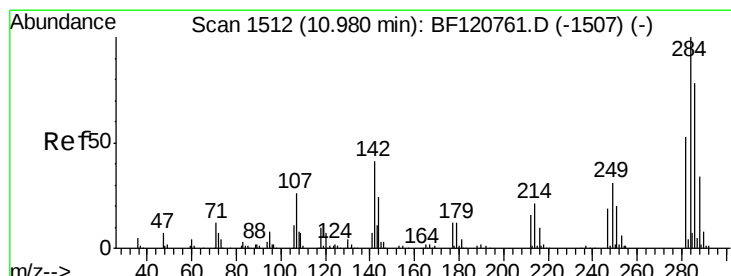
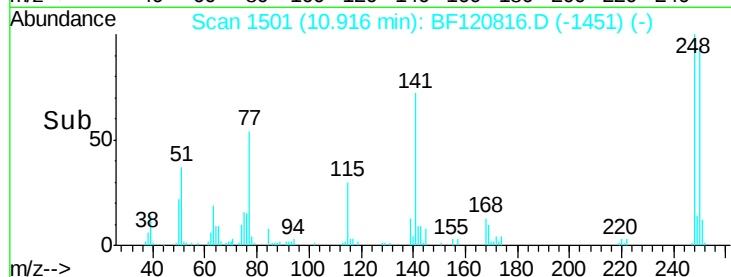
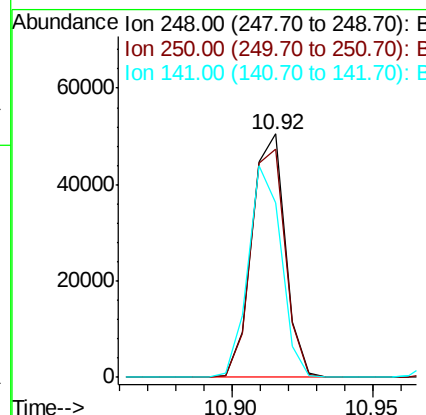
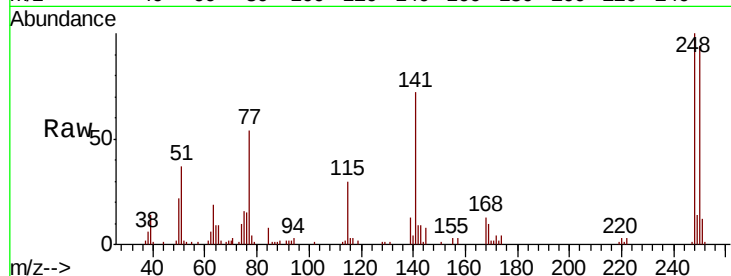
#67
 4-Bromophenyl-phenylether
 Concen: 8.013 ng
 RT: 10.92 min Scan# 1501
 Delta R.T. -0.01 min
 Lab File: BF120816.D
 Acq: 9 Jul 2020 13:57

Instrument :
 BNA_F
 ClientSampleId :
 LOQ-WATER-02-QT3-2020

Tot Ion	Ratio	Lower	Upper
248	100		
250	93.8	76.5	114.7
141	71.7	54.9	82.3

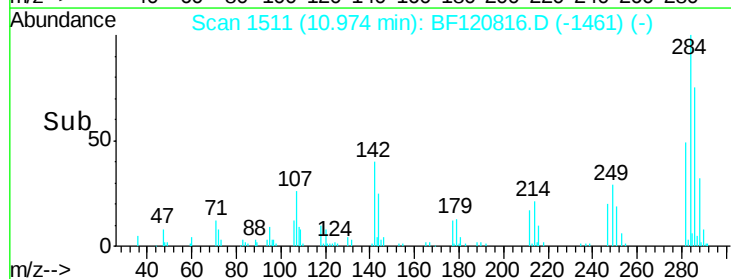
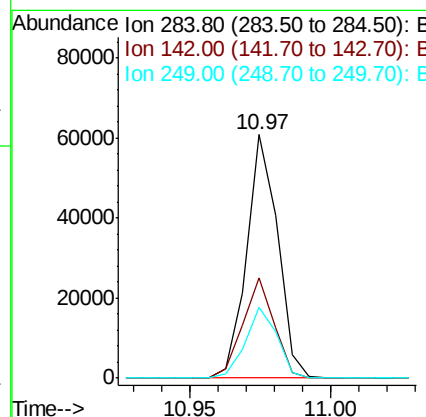
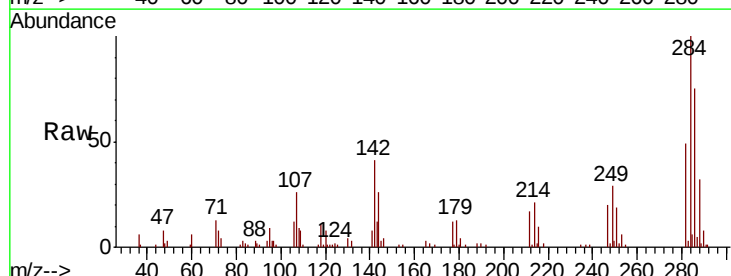
Manual Integrations
 APPROVED

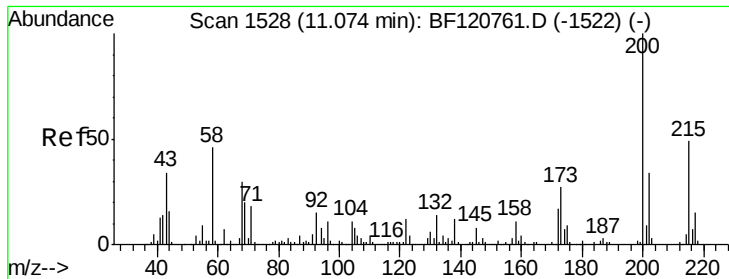
mohammad
 7/10/2020 11:49:44 AM



#68
 Hexachlorobenzene
 Concen: 8.547 ng
 RT: 10.97 min Scan# 1511
 Delta R.T. -0.01 min
 Lab File: BF120816.D
 Acq: 9 Jul 2020 13:57

Tgt Ion	Ratio	Lower	Upper
284	100		
142	41.2	32.5	48.7
249	31.7	24.8	37.2





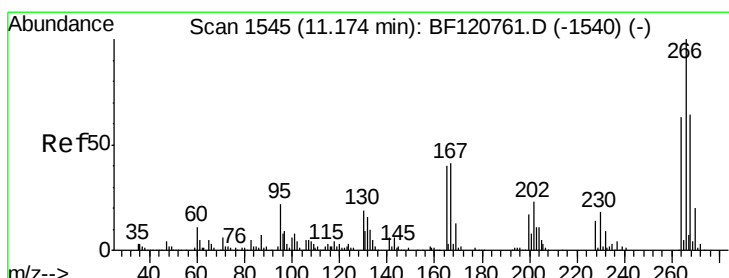
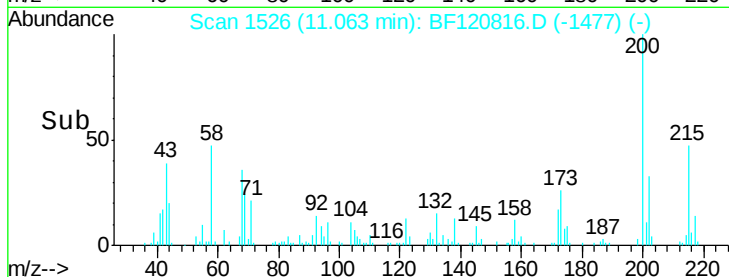
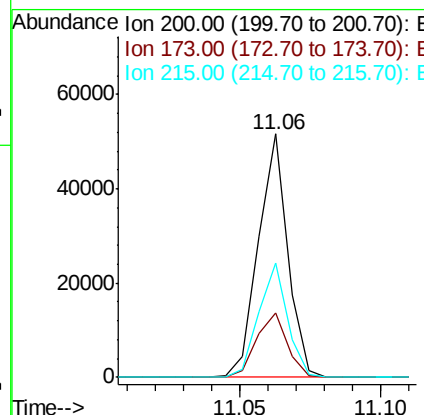
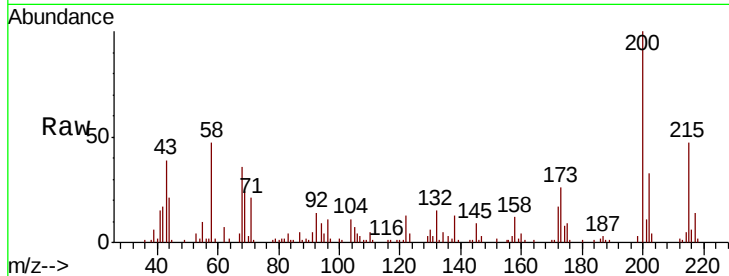
#69
Atrazine
Concen: 9.667 ng
RT: 11.06 min Scan# 1526
Delta R.T. -0.01 min
Lab File: BF120816.D
Acq: 9 Jul 2020 13:57

Instrument :
BNA_F
ClientSampleId :
LOQ-WATER-02-QT3-2020

Tot Ion	Ratio	Lower	Upper
200	100		
173	26.2	7.4	47.4
215	46.8	28.8	68.8

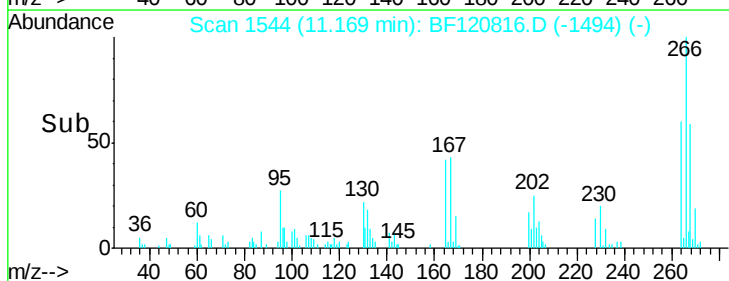
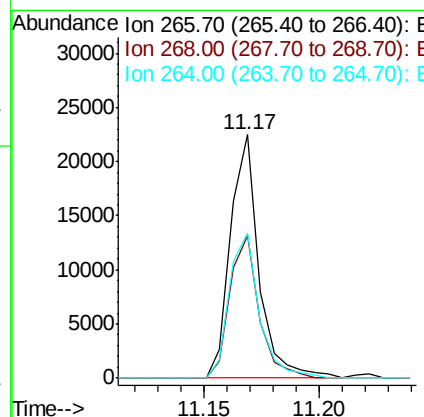
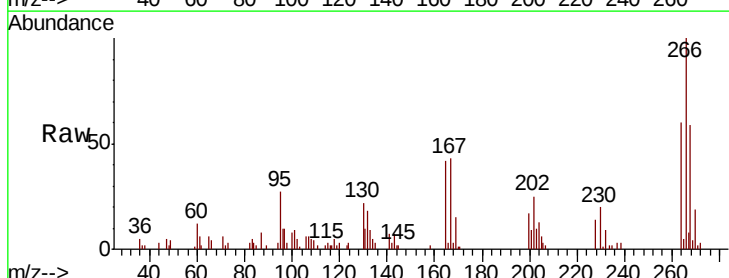
Manual Integrations
APPROVED

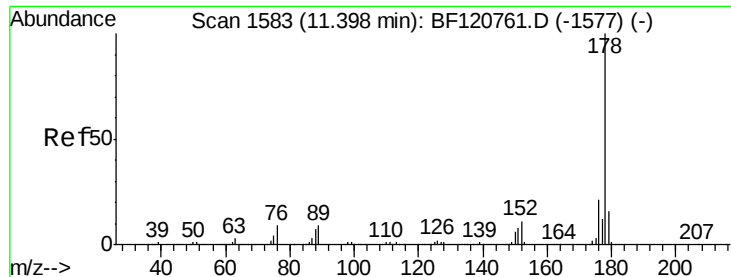
mohammad
7/10/2020 11:49:44 AM



#70
Pentachlorophenol
Concen: 6.282 ng
RT: 11.17 min Scan# 1544
Delta R.T. -0.01 min
Lab File: BF120816.D
Acq: 9 Jul 2020 13:57

Tgt Ion	Ratio	Lower	Upper
266	100		
268	63.1	51.4	77.2
264	64.8	50.6	75.8





#71

Phenanthrene

Concen: 9.100 ng

RT: 11.39 min Scan# 1582

Delta R.T. -0.01 min

Lab File: BF120816.D

Acq: 9 Jul 2020 13:57

Instrument :

BNA_F

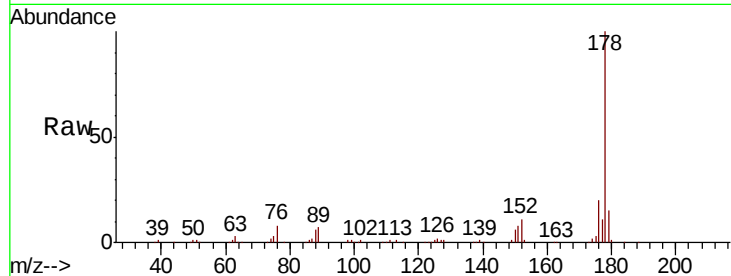
ClientSampleId :

LOQ-WATER-02-QT3-2020

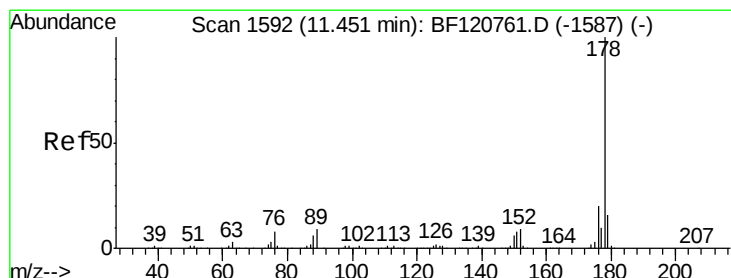
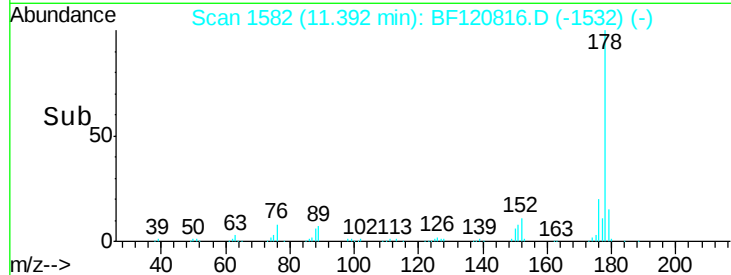
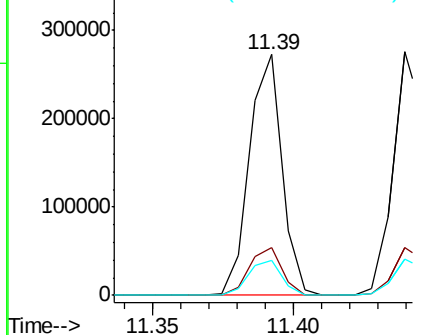
Tot Ion:	178	Resp:	219841
Ion Ratio	Lower	Upper	
178	100		
176	20.1	16.4	24.6
179	14.7	12.9	19.3

Manual Integrations
APPROVED

mohammad
7/10/2020 11:49:44 AM



Abundance Ion 178.00 (177.70 to 178.70): E
Ion 176.00 (175.70 to 176.70): E
Ion 179.00 (178.70 to 179.70): E



#72

Anthracene

Concen: 9.110 ng

RT: 11.44 min Scan# 1590

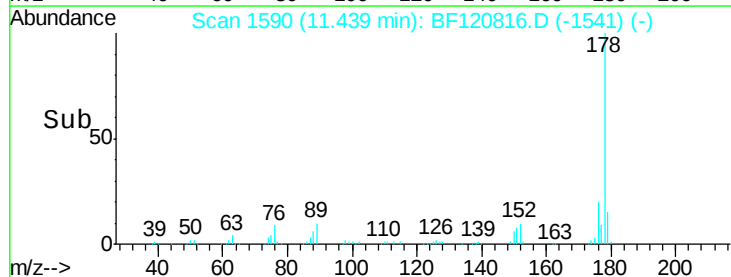
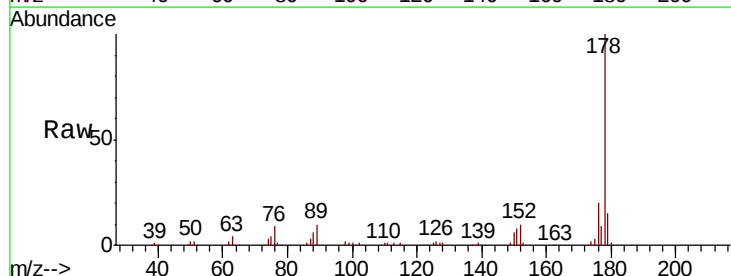
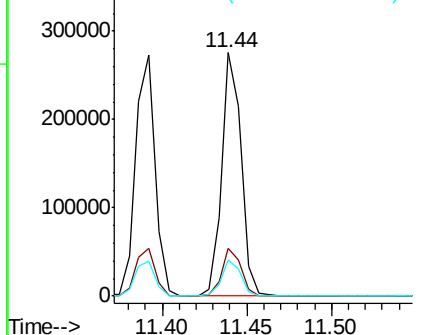
Delta R.T. -0.01 min

Lab File: BF120816.D

Acq: 9 Jul 2020 13:57

Tgt Ion:	178	Resp:	222402
Ion Ratio	Lower	Upper	
178	100		
176	19.8	16.2	24.2
179	15.1	12.7	19.1

Abundance Ion 178.00 (177.70 to 178.70): E
Ion 176.00 (175.70 to 176.70): E
Ion 179.00 (178.70 to 179.70): E





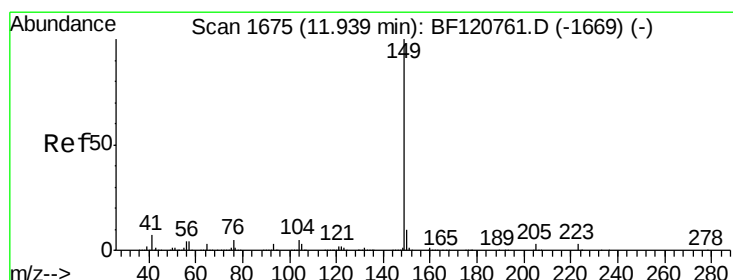
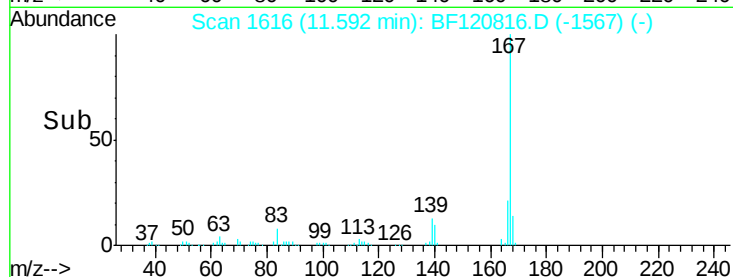
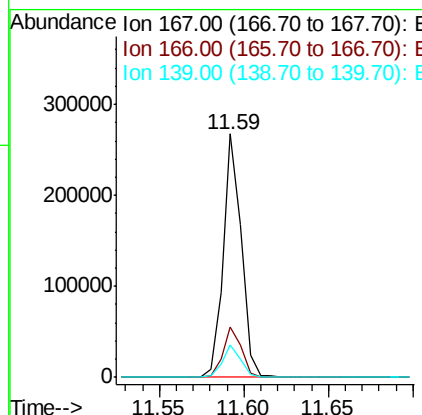
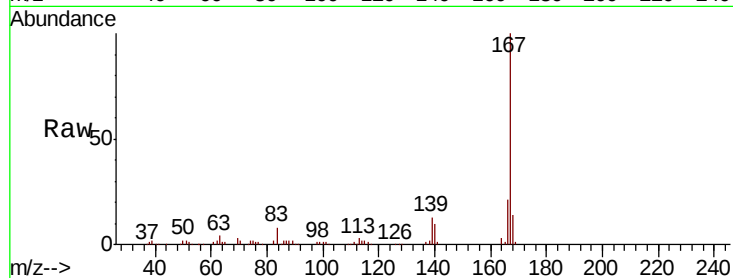
#73
 Carbazole
 Concen: 8.536 ng
 RT: 11.59 min Scan# 1616
 Delta R.T. -0.01 min
 Lab File: BF120816.D
 Acq: 9 Jul 2020 13:57

Instrument :
 BNA_F
 ClientSampleId :
 LOQ-WATER-02-QT3-2020

Tot Ion	Ratio	Lower	Upper
167	100		
166	20.8	17.8	26.8
139	13.4	10.7	16.1

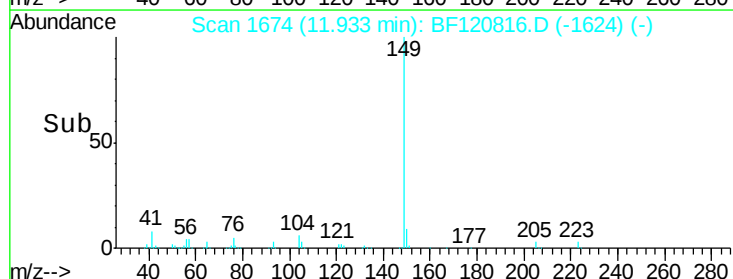
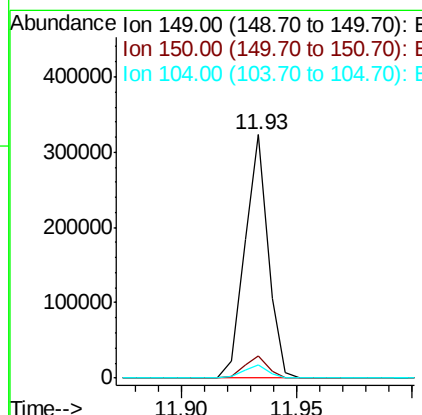
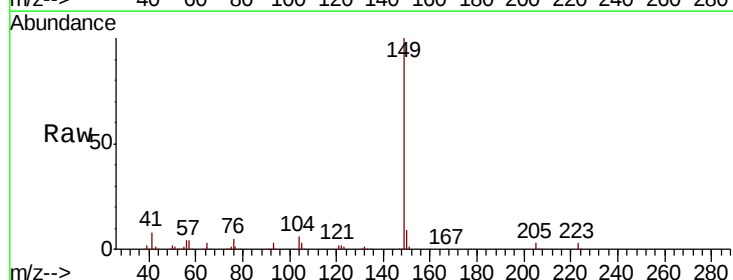
Manual Integrations
 APPROVED

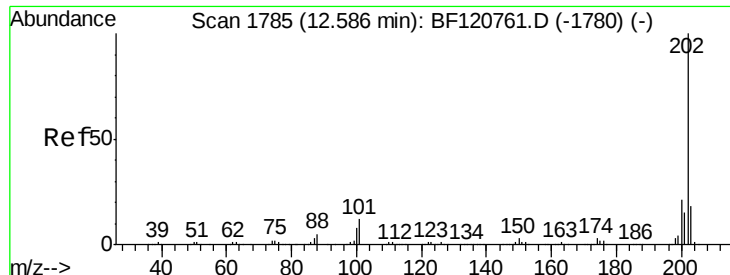
mohammad
 7/10/2020 11:49:44 AM



#74
 Di-n-butylphthalate
 Concen: 7.865 ng
 RT: 11.93 min Scan# 1674
 Delta R.T. -0.01 min
 Lab File: BF120816.D
 Acq: 9 Jul 2020 13:57

Tgt Ion	Ratio	Lower	Upper
149	100		
150	9.0	7.7	11.5
104	5.5	4.0	6.0





#75

Fluoranthene

Concen: 8.521 ng

RT: 12.57 min Scan# 1783

Delta R.T. -0.01 min

Lab File: BF120816.D

Acq: 9 Jul 2020 13:57

Instrument :

BNA_F

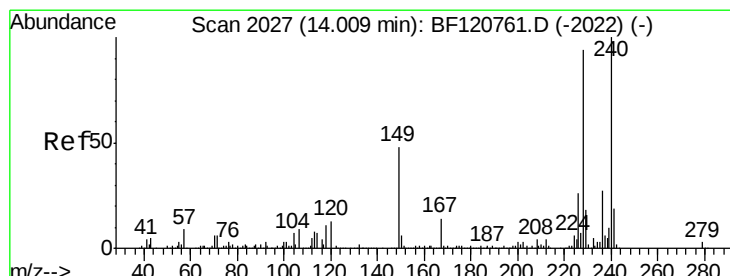
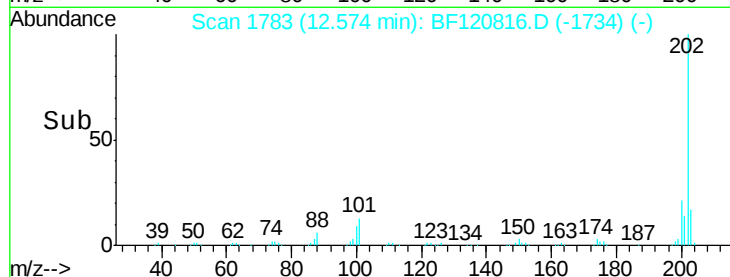
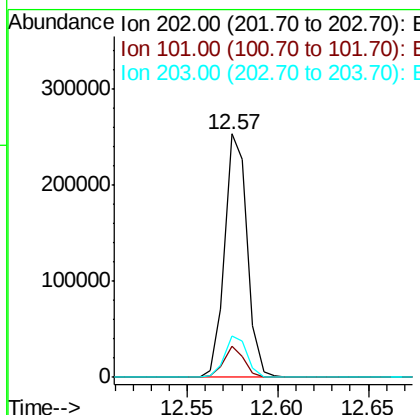
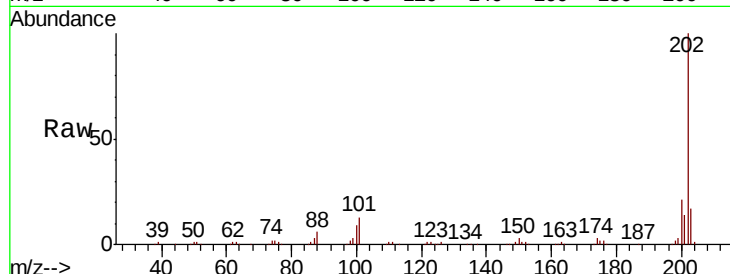
ClientSampleId :

LOQ-WATER-02-QT3-2020

Tot Ion	Ratio	Resp	Lower	Upper
202	100	219310		
101	12.6	0.0	31.6	
203	17.1	0.0	38.2	

Manual Integrations
APPROVED

mohammad
7/10/2020 11:49:44 AM



#76

Chrysene-d12

Concen: 20.000 ng

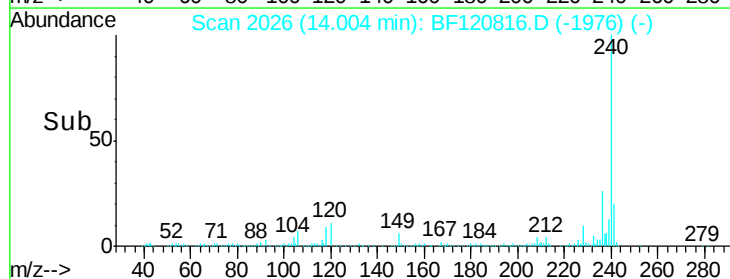
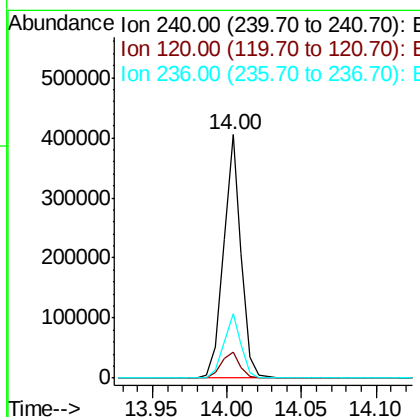
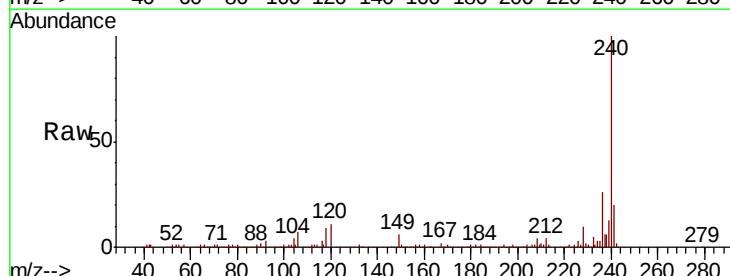
RT: 14.00 min Scan# 2026

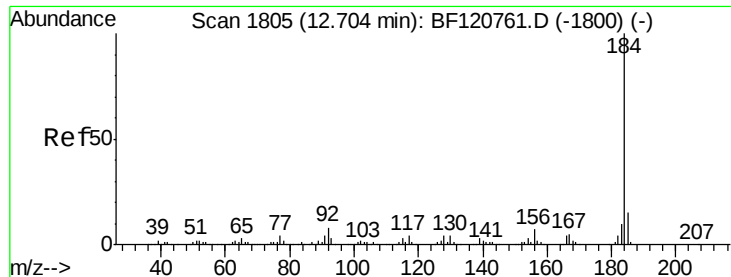
Delta R.T. -0.01 min

Lab File: BF120816.D

Acq: 9 Jul 2020 13:57

Tgt Ion	Ratio	Resp	Lower	Upper
240	100	334955		
120	10.9	10.3	15.5	
236	26.3	21.4	32.2	





#77

Benzidine

Concen: 9.438 ng

RT: 12.70 min Scan# 1804

Delta R.T. -0.01 min

Lab File: BF120816.D

Acq: 9 Jul 2020 13:57

Instrument :

BNA_F

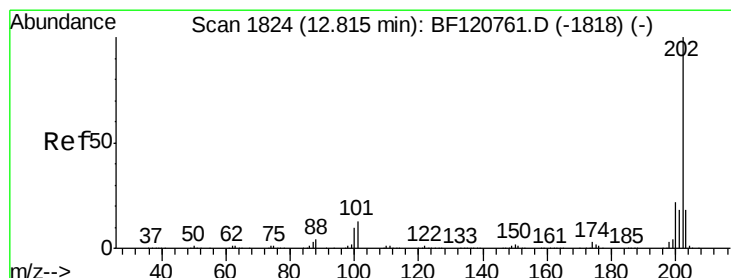
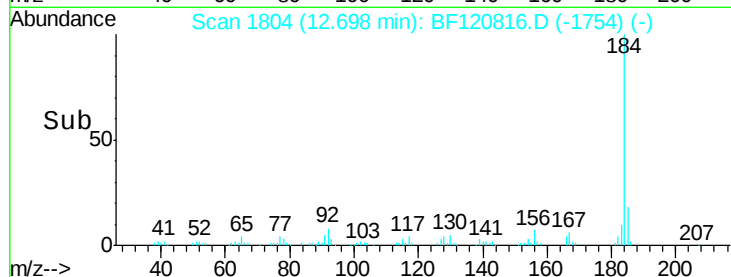
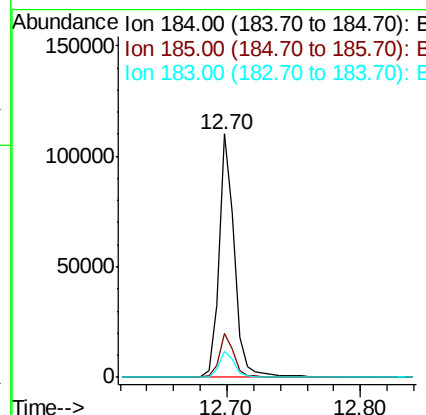
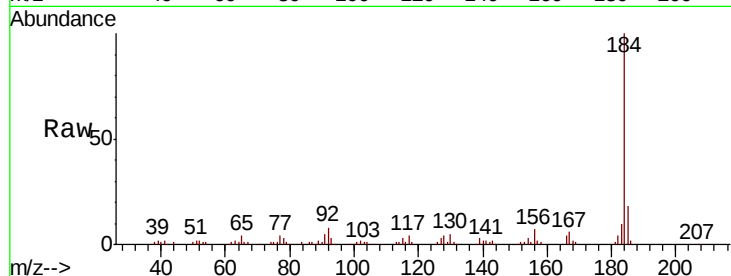
ClientSampleId :

LOQ-WATER-02-QT3-2020

Tot Ion:	184	Resp:	89231
Ion Ratio	Lower	Upper	
184	100		
185	18.3	11.8	17.8#
183	10.5	8.3	12.5

Manual Integrations
APPROVED

mohammad
7/10/2020 11:49:44 AM



#78

Pyrene

Concen: 8.530 ng

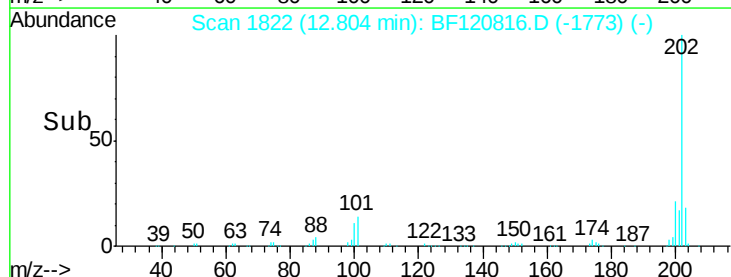
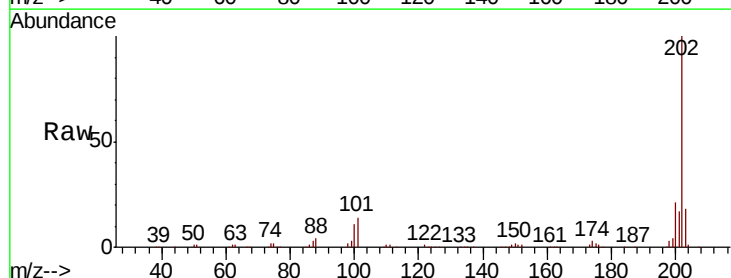
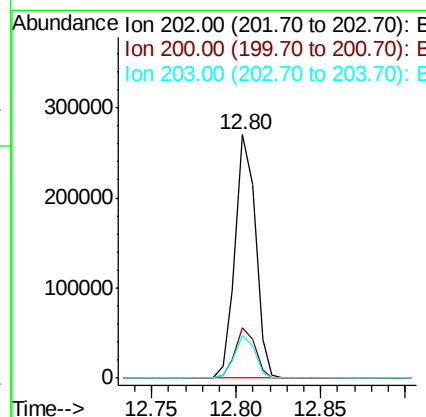
RT: 12.80 min Scan# 1822

Delta R.T. -0.01 min

Lab File: BF120816.D

Acq: 9 Jul 2020 13:57

Tgt Ion:	202	Resp:	228184
Ion Ratio	Lower	Upper	
202	100		
200	20.7	17.3	25.9
203	17.8	14.6	22.0





#79

Terphenyl-d14

Concen: 61.389 ng

RT: 12.96 min Scan# 1848

Delta R.T. -0.01 min

Lab File: BF120816.D

Acq: 9 Jul 2020 13:57

Instrument :

BNA_F

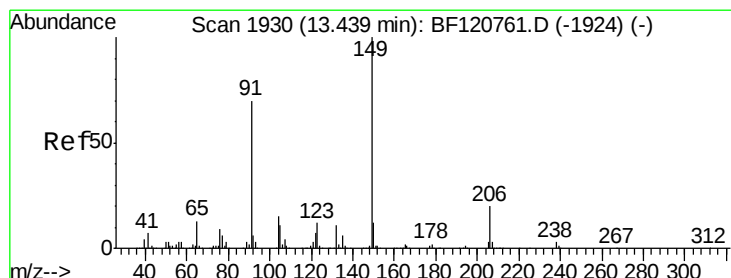
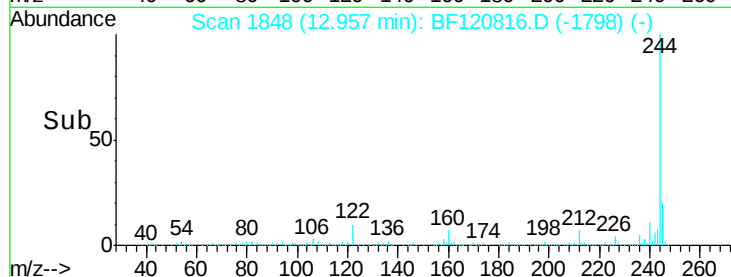
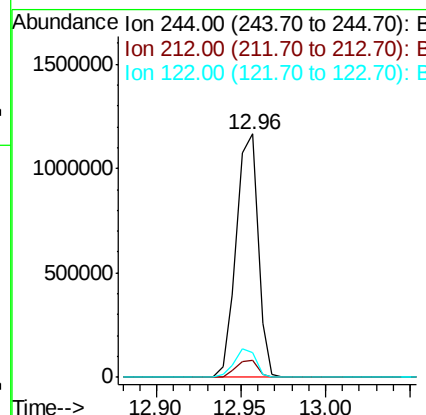
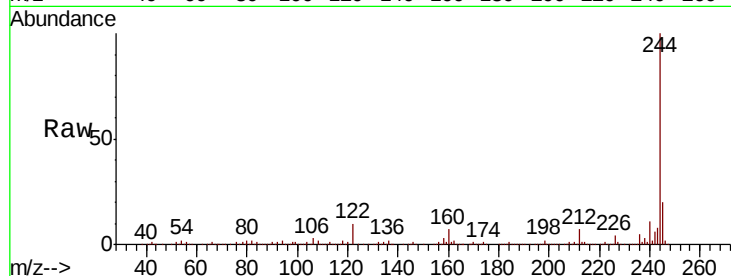
ClientSampleId :

LOQ-WATER-02-QT3-2020

Tot Ion:	244	Resp:	1050237
Ion	Ratio	Lower	Upper
244	100		
212	7.0	5.6	8.4
122	10.3	9.0	13.4

Manual Integrations
APPROVED

mohammad
7/10/2020 11:49:44 AM



#80

Butylbenzylphthalate

Concen: 6.662 ng

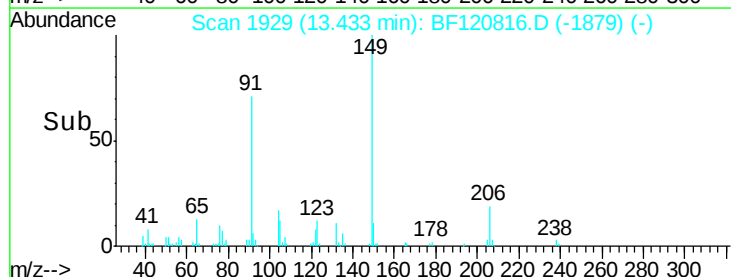
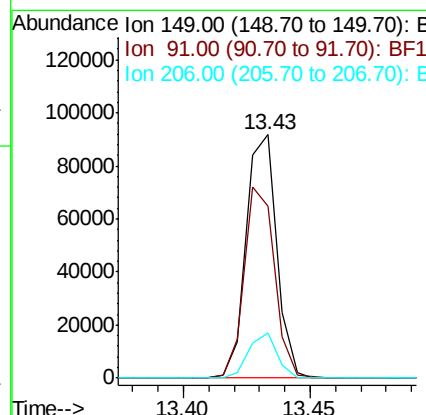
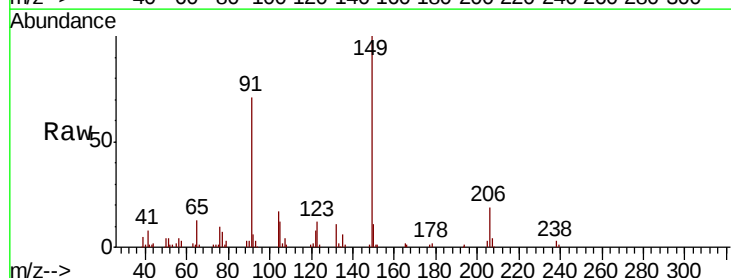
RT: 13.43 min Scan# 1929

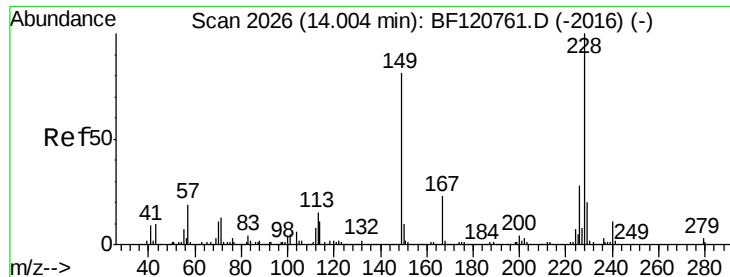
Delta R.T. -0.01 min

Lab File: BF120816.D

Acq: 9 Jul 2020 13:57

Tgt Ion:	149	Resp:	76948
Ion	Ratio	Lower	Upper
149	100		
91	70.7	55.8	83.8
206	18.7	15.7	23.5





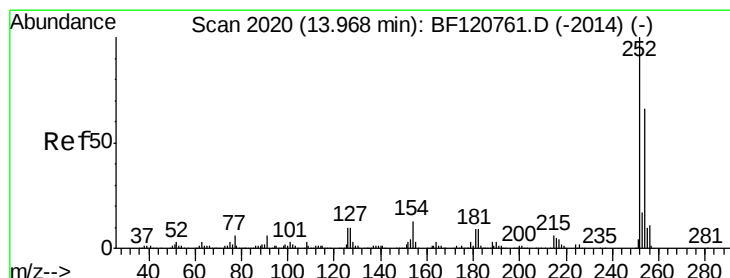
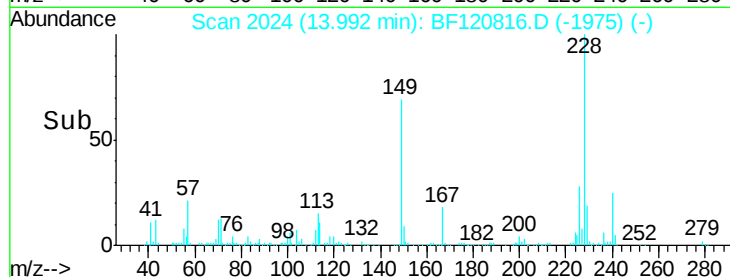
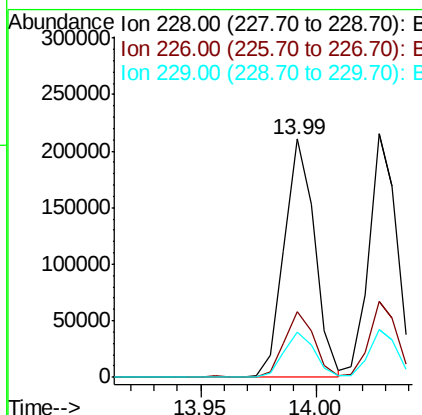
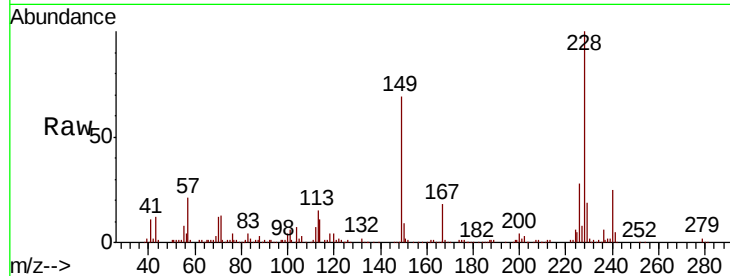
#81
Benzo(a)anthracene
Concen: 8.925 ng
RT: 13.99 min Scan# 2024
Delta R.T. -0.01 min
Lab File: BF120816.D
Acq: 9 Jul 2020 13:57

Instrument :
BNA_F
ClientSampleId :
LOQ-WATER-02-QT3-2020

Tot Ion	Ratio	Lower	Upper
228	100		
226	27.8	22.6	33.8
229	19.2	15.8	23.6

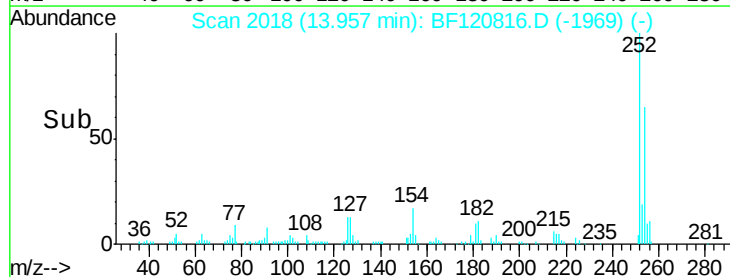
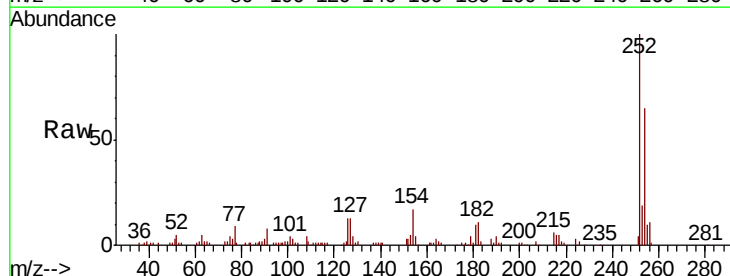
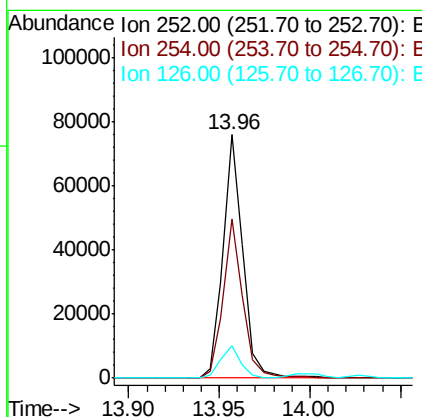
Manual Integrations
APPROVED

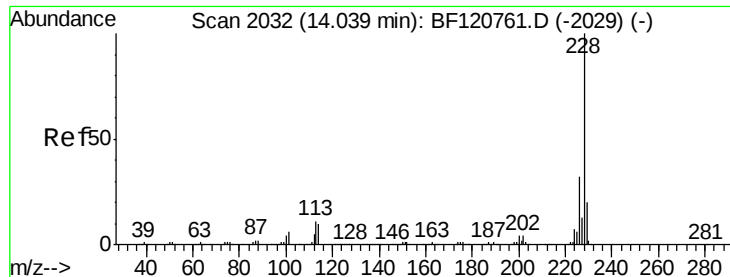
mohammad
7/10/2020 11:49:44 AM



#82
3,3'-Dichlorobenzidine
Concen: 7.983 ng
RT: 13.96 min Scan# 2018
Delta R.T. -0.01 min
Lab File: BF120816.D
Acq: 9 Jul 2020 13:57

Tgt Ion	Ratio	Lower	Upper
252	100		
254	65.2	52.6	78.8
126	13.1	7.8	11.8





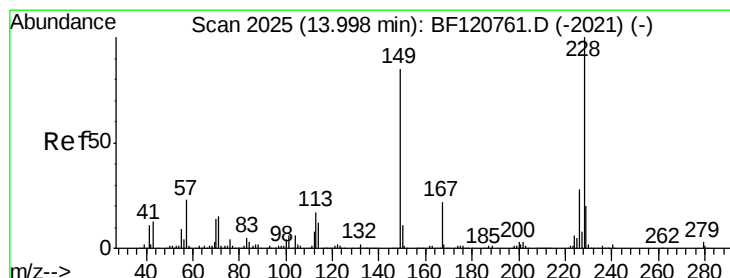
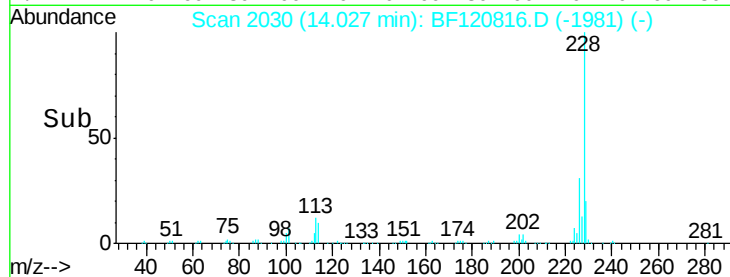
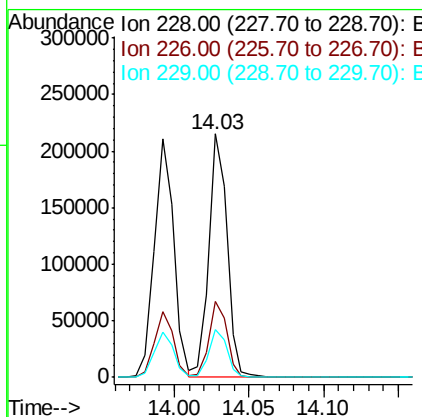
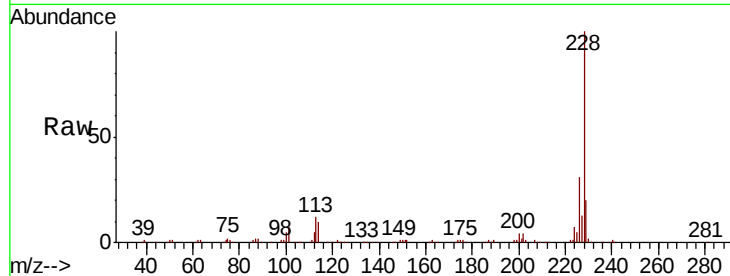
#83
Chrysene
Concen: 8.307 ng
RT: 14.03 min Scan# 2030
Delta R.T. -0.01 min
Lab File: BF120816.D
Acq: 9 Jul 2020 13:57

Instrument :
BNA_F
ClientSampleId :
LOQ-WATER-02-QT3-2020

Tot Ion	Ratio	Resp	Lower	Upper
228	100	181933		
226	31.2		25.7	38.5
229	19.7		16.3	24.5

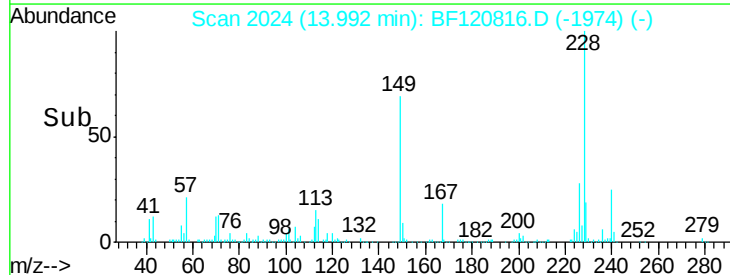
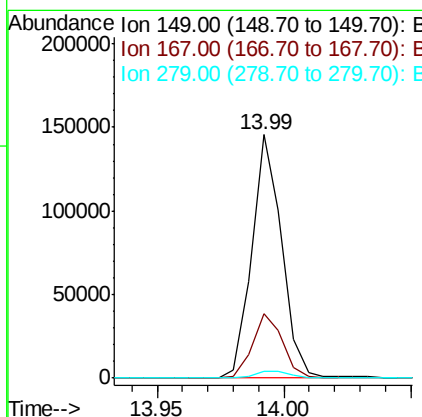
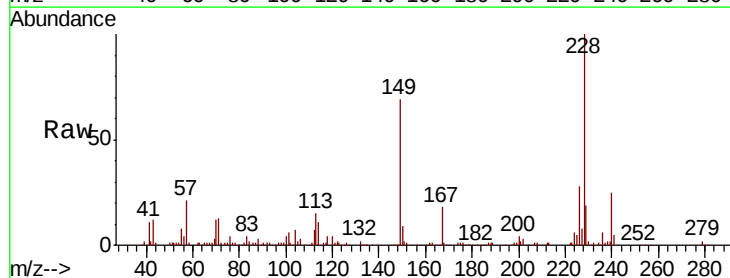
Manual Integrations
APPROVED

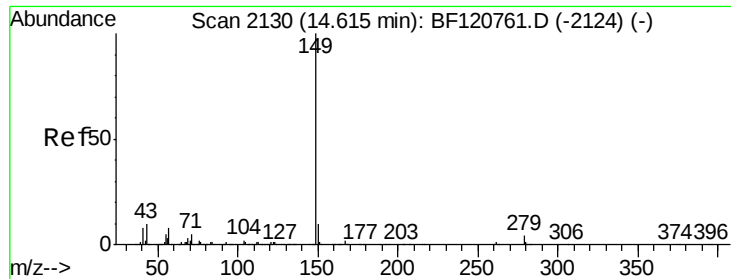
mohammad
7/10/2020 11:49:44 AM



#84
Bis(2-ethylhexyl)phthalate
Concen: 7.868 ng
RT: 13.99 min Scan# 2024
Delta R.T. -0.01 min
Lab File: BF120816.D
Acq: 9 Jul 2020 13:57

Tgt Ion	Ratio	Resp	Lower	Upper
149	100	119163		
167	26.2		20.9	31.3
279	2.7		2.6	4.0





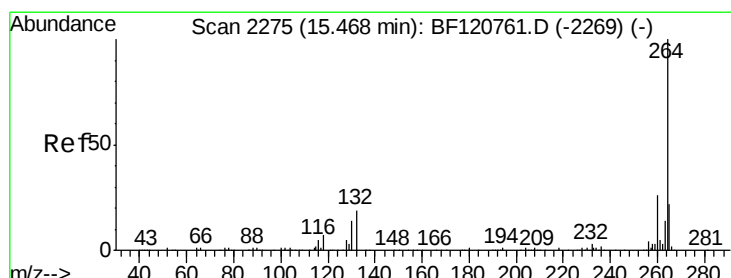
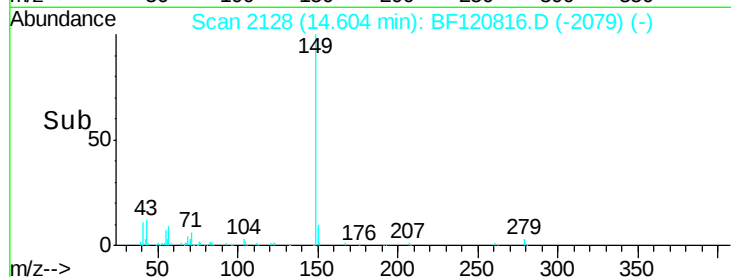
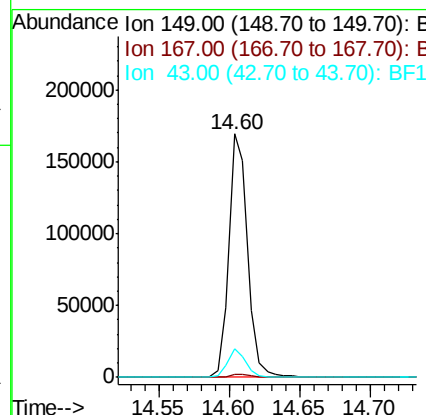
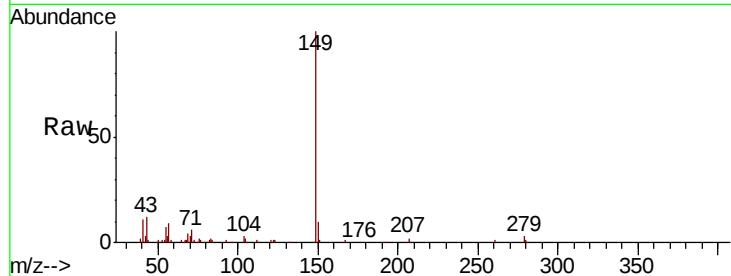
#85
Di-n-octyl phthalate
Concen: 5.783 ng
RT: 14.60 min Scan# 2128
Delta R.T. -0.01 min
Lab File: BF120816.D
Acq: 9 Jul 2020 13:57

Instrument :
BNA_F
ClientSampleId :
LOQ-WATER-02-QT3-2020

Tot Ion	Ratio	Resp	Lower	Upper
149	100	154958		
167	1.2		1.2	1.8
43	11.6		8.7	13.1

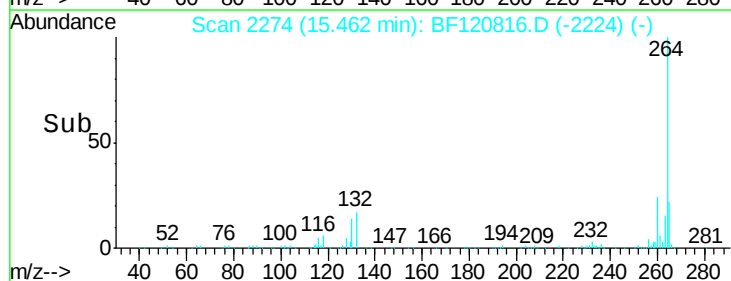
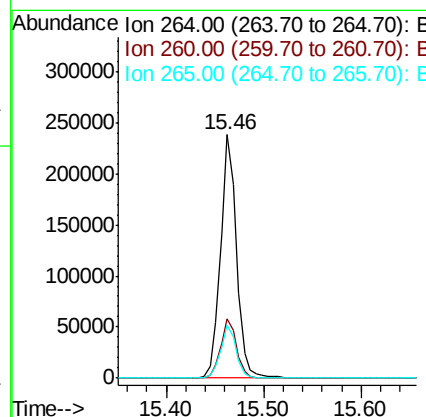
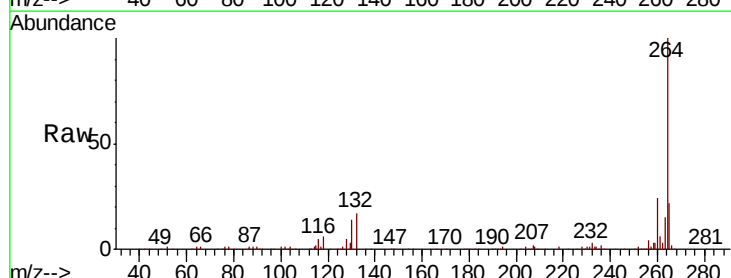
Manual Integrations
APPROVED

mohammad
7/10/2020 11:49:44 AM



#86
Perylene-d12
Concen: 20.000 ng
RT: 15.46 min Scan# 2274
Delta R.T. -0.01 min
Lab File: BF120816.D
Acq: 9 Jul 2020 13:57

Tgt Ion	Ratio	Resp	Lower	Upper
264	100	271616		
260	24.2		20.6	30.8
265	21.8		17.6	26.4





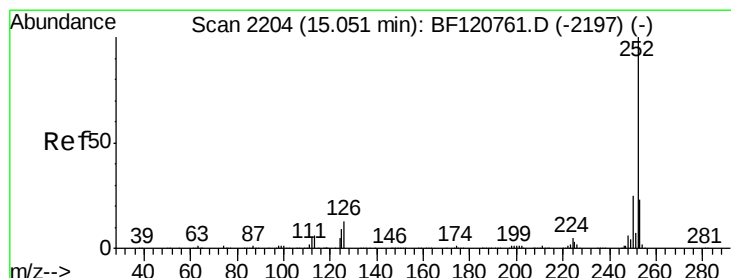
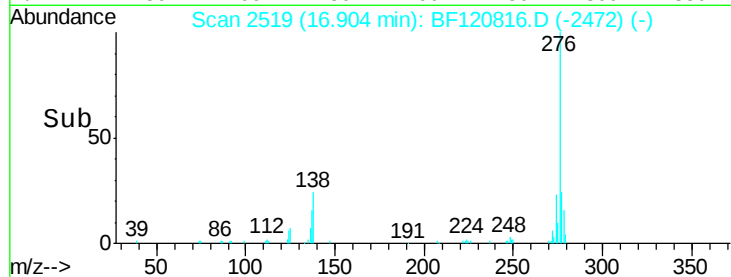
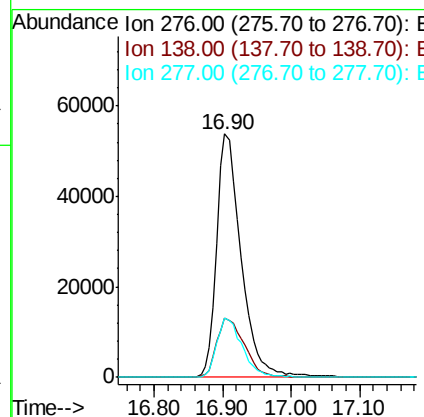
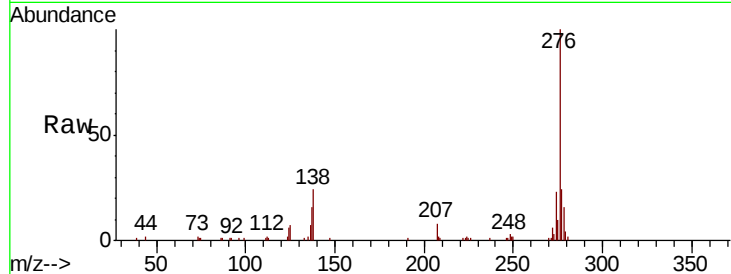
#87
 Indeno(1,2,3-cd)pyrene
 Concen: 7.654 ng
 RT: 16.90 min Scan# 2519
 Delta R.T. -0.02 min
 Lab File: BF120816.D
 Acq: 9 Jul 2020 13:57

Instrument :
 BNA_F
 ClientSampleId :
 LOQ-WATER-02-QT3-2020

Tot Ion	Ratio	Lower	Upper
276	100		
138	27.4	19.8	29.8
277	25.2	19.9	29.9

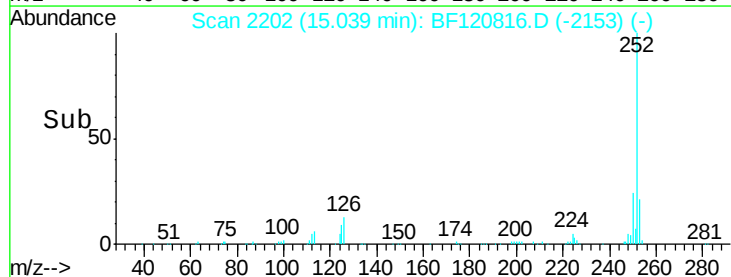
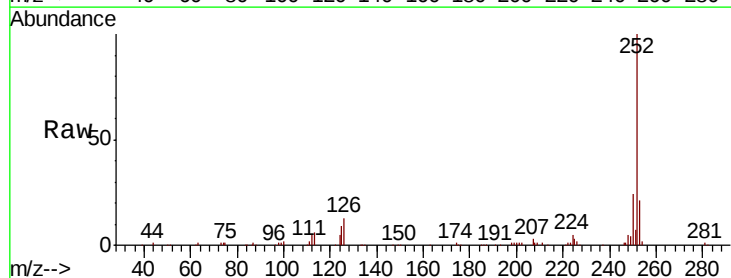
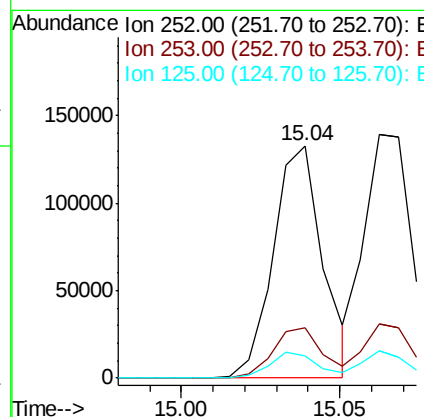
Manual Integrations
 APPROVED

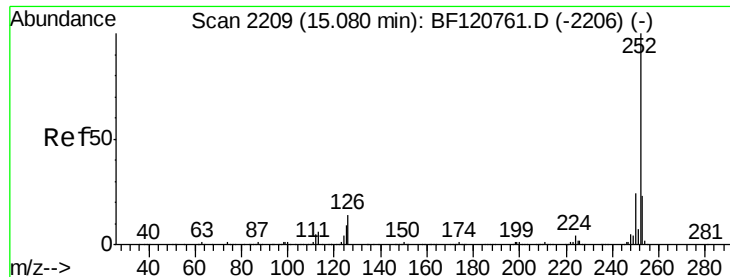
mohammad
 7/10/2020 11:49:44 AM



#88
 Benzo(b)fluoranthene
 Concen: 8.110 ng
 RT: 15.04 min Scan# 2202
 Delta R.T. -0.01 min
 Lab File: BF120816.D
 Acq: 9 Jul 2020 13:57

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





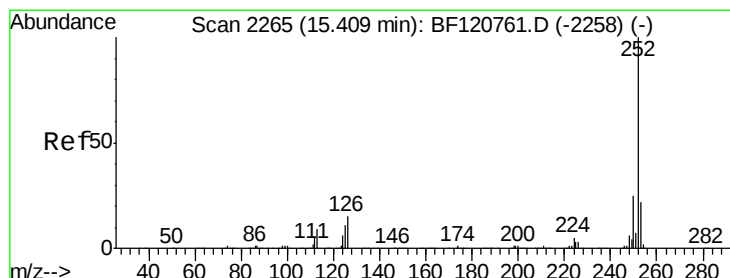
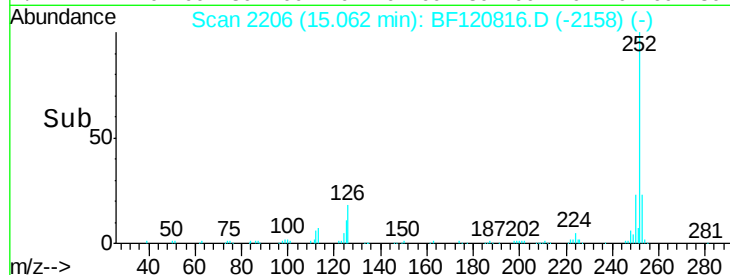
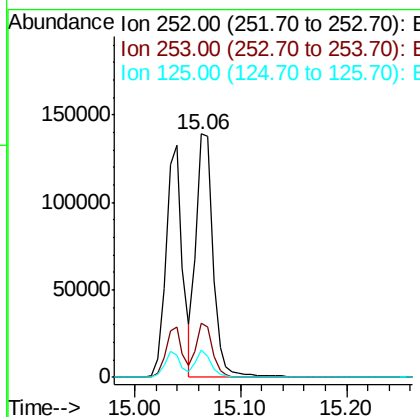
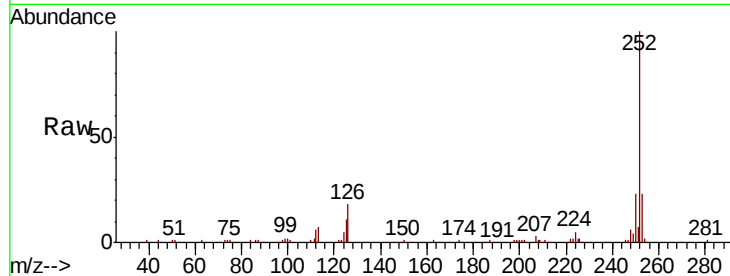
#89
Benzo(k)fluoranthene
Concen: 8.910 ng
RT: 15.06 min Scan# 2206
Delta R.T. -0.02 min
Lab File: BF120816.D
Acq: 9 Jul 2020 13:57

Instrument :
BNA_F
ClientSampleId :
LOQ-WATER-02-QT3-2020

Tot Ion	Ratio	Lower	Upper
252	100		
253	22.5	17.9	26.9
125	11.2	7.6	11.4

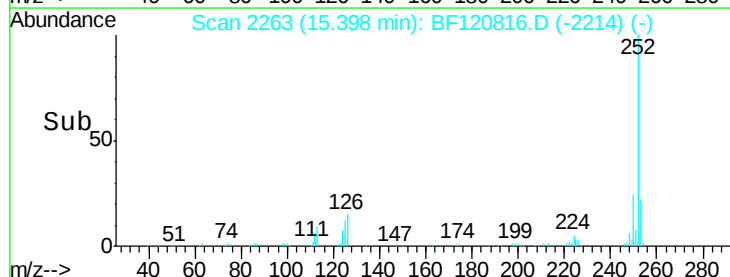
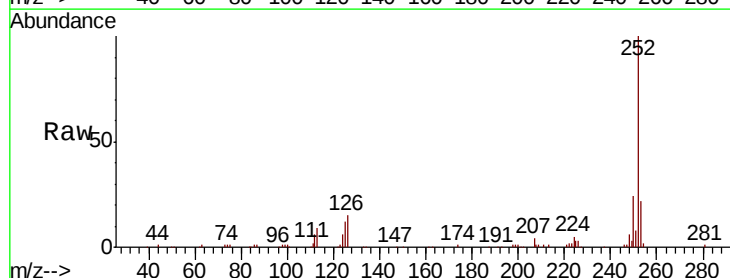
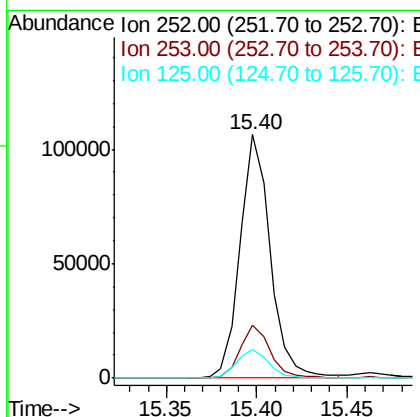
Manual Integrations
APPROVED

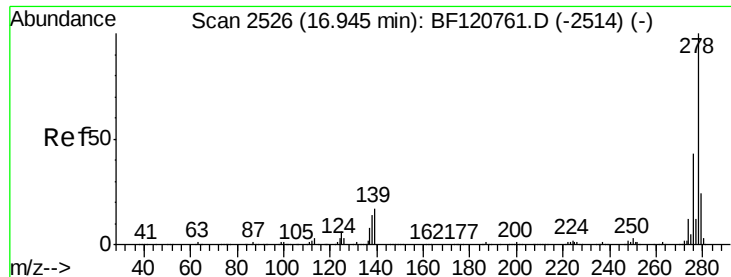
mohammad
7/10/2020 11:49:44 AM



#90
Benzo(a)pyrene
Concen: 7.757 ng
RT: 15.40 min Scan# 2263
Delta R.T. -0.01 min
Lab File: BF120816.D
Acq: 9 Jul 2020 13:57

Tgt Ion	Ratio	Lower	Upper
252	100		
253	21.8	17.4	26.0
125	11.7	9.2	13.8





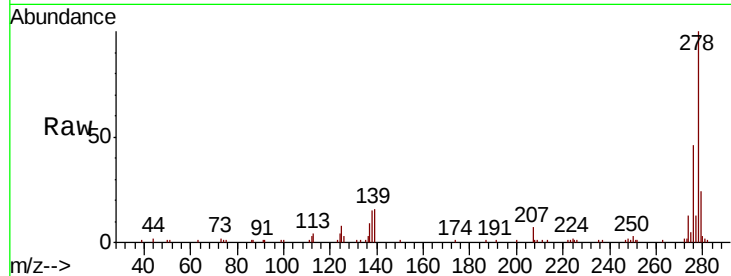
#91
Dibenzo(a,h)anthracene
Concen: 7.950 ng
RT: 16.93 min Scan# 2523
Delta R.T. -0.02 min
Lab File: BF120816.D
Acq: 9 Jul 2020 13:57

Instrument :
BNA_F
ClientSampleId :
LOQ-WATER-02-QT3-2020

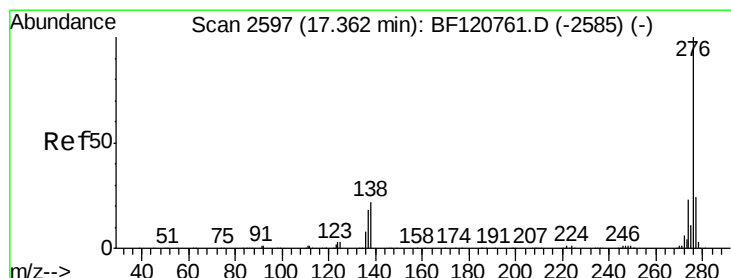
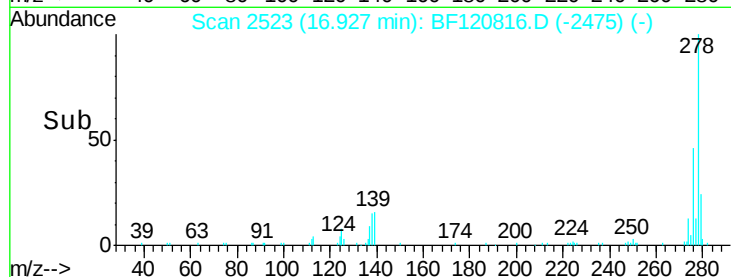
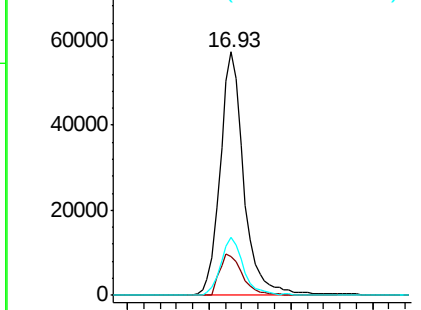
Tot Ion	Ratio	Lower	Upper
278	100		
139	16.0	13.3	19.9
279	23.7	19.0	28.6

Manual Integrations
APPROVED

mohammad
7/10/2020 11:49:44 AM



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



#92
Benzo(g,h,i)perylene
Concen: 8.362 ng
RT: 17.34 min Scan# 2593
Delta R.T. -0.02 min
Lab File: BF120816.D
Acq: 9 Jul 2020 13:57

Tgt Ion	Ratio	Lower	Upper
276	100		
277	23.9	18.8	28.2
138	25.5	17.4	26.2

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

