

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF111020\
 Data File : BF122300.D
 Acq On : 10 Nov 2020 15:57
 Operator : JU/CG
 Sample : L4214-08
 Misc : LOQ-WATER-10ppm
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 LOQ-WATER-02-QT4-2020

Manual Integrations
 APPROVED

mohammad

11/11/2020 10:32:18 AM

Quant Time: Nov 10 16:48:54 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF110920.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Nov 10 13:10:47 2020
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.863	152	293012	20.00	ng	0.00
21) Naphthalene-d8	8.151	136	1131081	20.00	ng	0.00
39) Acenaphthene-d10	9.904	164	590966	20.00	ng	0.00
64) Phenanthrene-d10	11.386	188	1061786	20.00	ng	0.00
76) Chrysene-d12	14.027	240	958760	20.00	ng	0.00
86) Perylene-d12	15.492	264	879384	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.475	112	1699793	89.08	ng	0.00
7) Phenol-d6	6.487	99	2180556	87.35	ng	0.00
23) Nitrobenzene-d5	7.428	82	1538796	83.29	ng	0.00
42) 2,4,6-Tribromophenol	10.692	330	575510	90.74	ng	0.00
45) 2-Fluorobiphenyl	9.228	172	2654790	70.19	ng	0.00
79) Terphenyl-d14	12.980	244	2886510	63.78	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	2.640	88	71971	8.22	ng	92
3) Pyridine	3.399	79	192261	7.99	ng	96
4) n-Nitrosodimethylamine	3.310	42	89407	7.88	ng	99
6) Aniline	6.522	93	265089	8.09	ng	99
8) 2-Chlorophenol	6.645	128	166412	8.41	ng	95
9) Benzaldehyde	6.410	77	144691	10.28	ng	99
10) Phenol	6.498	94	203173m	8.26	ng	
11) bis(2-Chloroethyl)ether	6.598	93	165112	8.45	ng	94
12) 1,3-Dichlorobenzene	6.804	146	189383	8.43	ng	99
13) 1,4-Dichlorobenzene	6.881	146	194869	8.63	ng	99
14) 1,2-Dichlorobenzene	7.034	146	182575	8.67	ng	99
15) Benzyl Alcohol	6.998	79	132062	7.44	ng	98
16) 2,2'-oxybis(1-Chloropr...	7.140	45	236748	8.31	ng	99
17) 2-Methylphenol	7.104	107	138435	8.38	ng	98
18) Hexachloroethane	7.381	117	66863	8.51	ng	97
19) n-Nitroso-di-n-propyla...	7.269	70	125371	8.40	ng	98
20) 3+4-Methylphenols	7.257	107	176026	8.66	ng	# 67
22) Acetophenone	7.269	105	244138	8.29	ng	# 87
24) Nitrobenzene	7.445	77	187243	8.86	ng	96
25) Isophorone	7.681	82	318359	7.73	ng	98
26) 2-Nitrophenol	7.763	139	60231	8.44	ng	99
27) 2,4-Dimethylphenol	7.792	122	145259	7.48	ng	99
28) bis(2-Chloroethoxy)met...	7.892	93	197305	7.83	ng	99
29) 2,4-Dichlorophenol	7.998	162	134976	7.85	ng	97
30) 1,2,4-Trichlorobenzene	8.092	180	153470	8.08	ng	96
31) Naphthalene	8.169	128	500894	8.33	ng	99
32) Benzoic acid	7.845	122	50718m	5.79	ng	
33) 4-Chloroaniline	8.210	127	208705	7.97	ng	99
34) Hexachlorobutadiene	8.292	225	88105	8.07	ng	98
35) Caprolactam	8.545	113	40777	7.48	ng	# 86
36) 4-Chloro-3-methylphenol	8.687	107	138457	7.72	ng	92
37) 2-Methylnaphthalene	8.863	142	324202	8.16	ng	98
38) 1-Methylnaphthalene	8.963	142	302317	8.13	ng	100
40) 1,2,4,5-Tetrachloroben...	9.028	216	150012	8.24	ng	99
41) Hexachlorocyclopentadiene	9.022	237	80500	7.56	ng	98
43) 2,4,6-Trichlorophenol	9.134	196	92388	7.81	ng	99

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF111020\
 Data File : BF122300.D
 Acq On : 10 Nov 2020 15:57
 Operator : JU/CG
 Sample : L4214-08
 Misc : LOQ-WATER-10ppm
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 LOQ-WATER-02-QT4-2020

Manual Integrations
 APPROVED

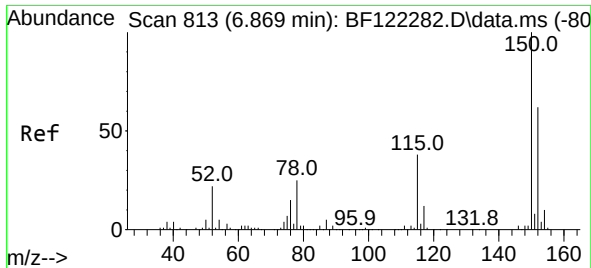
mohammad

11/11/2020 10:32:18 AM

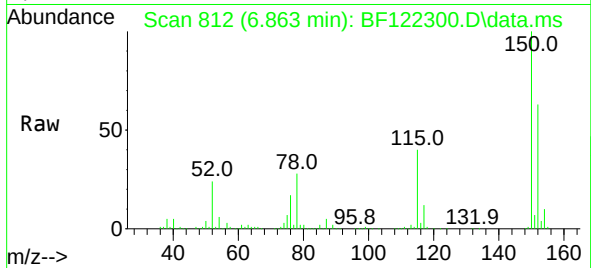
Quant Time: Nov 10 16:48:54 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF110920.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Nov 10 13:10:47 2020
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.169	196	98310	7.93	ng	98
46) 1,1'-Biphenyl	9.328	154	397645	8.45	ng	96
47) 2-Chloronaphthalene	9.351	162	310882	8.33	ng	96
48) 2-Nitroaniline	9.434	65	77750	8.48	ng	92
49) Acenaphthylene	9.763	152	468178	8.16	ng	99
50) Dimethylphthalate	9.622	163	338369	8.06	ng	98
51) 2,6-Dinitrotoluene	9.681	165	67268	8.28	ng	91
52) Acenaphthene	9.939	154	300437	8.46	ng	99
53) 3-Nitroaniline	9.845	138	76866	8.19	ng	93
54) 2,4-Dinitrophenol	9.945	184	32390	13.05	ng	# 1
55) Dibenzofuran	10.110	168	433613	8.33	ng	96
56) 4-Nitrophenol	9.986	139	58508	7.30	ng	87
57) 2,4-Dinitrotoluene	10.081	165	82631	8.41	ng	89
58) Fluorene	10.451	166	338924	8.51	ng	100
59) 2,3,4,6-Tetrachlorophenol	10.222	232	81464	7.90	ng	99
60) Diethylphthalate	10.322	149	334064	8.11	ng	98
61) 4-Chlorophenyl-phenyle...	10.445	204	160680	8.54	ng	97
62) 4-Nitroaniline	10.451	138	74042	8.02	ng	96
63) Azobenzene	10.604	77	349094	8.08	ng	98
65) 4,6-Dinitro-2-methylph...	10.486	198	25587	6.34	ng	93
66) n-Nitrosodiphenylamine	10.557	169	292905	8.10	ng	95
67) 4-Bromophenyl-phenylether	10.933	248	98952	7.93	ng	96
68) Hexachlorobenzene	10.998	284	108814	8.07	ng	98
69) Atrazine	11.080	200	82353	9.14	ng	96
70) Pentachlorophenol	11.186	266	52653	6.78	ng	98
71) Phenanthrene	11.410	178	509870	8.46	ng	99
72) Anthracene	11.463	178	512110	8.25	ng	98
73) Carbazole	11.610	167	465550	8.24	ng	99
74) Di-n-butylphthalate	11.951	149	486636	8.08	ng	100
75) Fluoranthene	12.598	202	529368	8.42	ng	97
77) Benzidine	12.716	184	245534	9.23	ng	97
78) Pyrene	12.827	202	542486	8.05	ng	98
80) Butylbenzylphthalate	13.451	149	181560	7.50	ng	94
81) Benzo(a)anthracene	14.016	228	486721	8.16	ng	99
82) 3,3'-Dichlorobenzidine	13.974	252	171456	7.72	ng	100
83) Chrysene	14.051	228	483004	8.04	ng	99
84) Bis(2-ethylhexyl)phtha...	14.016	149	260310	8.02	ng	99
85) Di-n-octyl phthalate	14.627	149	395699	7.19	ng	99
87) Indeno(1,2,3-cd)pyrene	16.945	276	388199	7.36	ng	98
88) Benzo(b)fluoranthene	15.057	252	459042	8.06	ng	98
89) Benzo(k)fluoranthene	15.086	252	436029	7.85	ng	99
90) Benzo(a)pyrene	15.427	252	380596	7.67	ng	99
91) Dibenzo(a,h)anthracene	16.962	278	325042	7.35	ng	97
92) Benzo(g,h,i)perylene	17.380	276	308816	7.19	ng	98

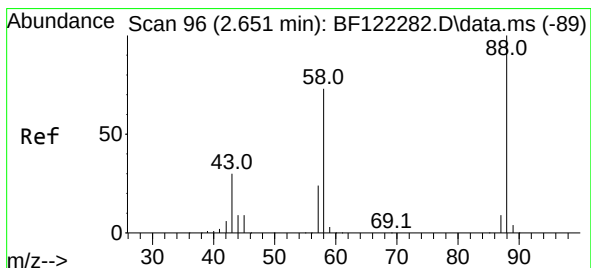
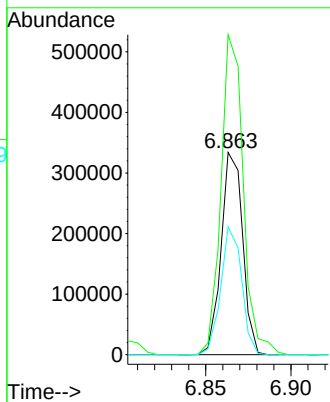
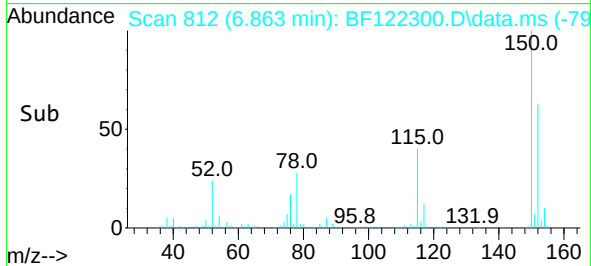
(#) = qualifier out of range (m) = manual integration (+) = signals summed



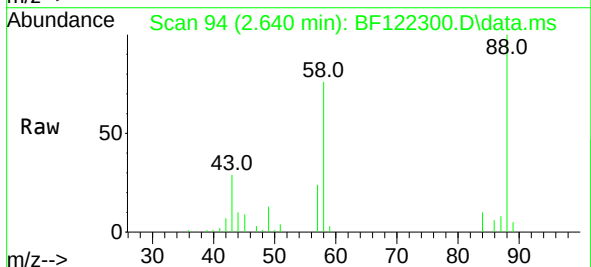
#1
 1,4-Dichlorobenzene-d4
 Concen: 20.00 ng
 RT: 6.863 min Scan# 812
 Delta R.T. -0.006 min
 Lab File: BF122300.D
 Acq: 10 Nov 2020 15:57



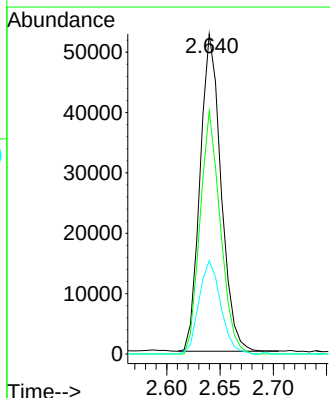
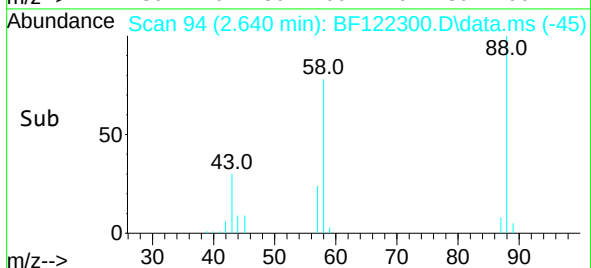
Tgt Ion:152 Resp: 293012
 Ion Ratio Lower Upper
 152 100
 150 158.3 125.3 187.9
 115 63.2 51.9 77.9



#2
 1,4-Dioxane
 Concen: 8.22 ng
 RT: 2.640 min Scan# 94
 Delta R.T. -0.011 min
 Lab File: BF122300.D
 Acq: 10 Nov 2020 15:57



Tgt Ion: 88 Resp: 71971
 Ion Ratio Lower Upper
 88 100
 58 73.9 65.8 98.8
 43 30.5 25.8 38.8

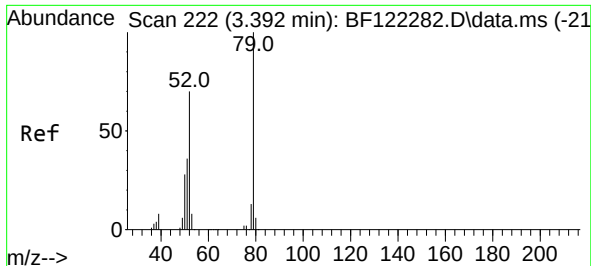


Instrument :
 BNA_F
 ClientSampleId :
 LOQ-WATER-02-QT4-2020

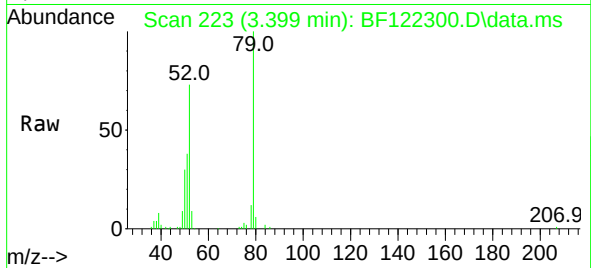
Manual Integrations
 APPROVED

mohammad

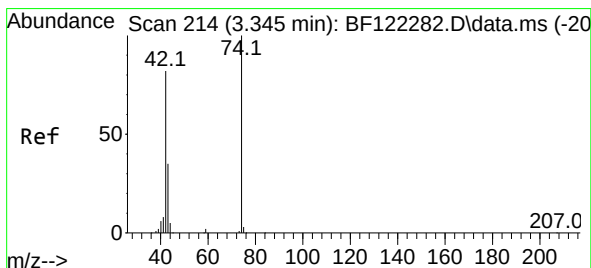
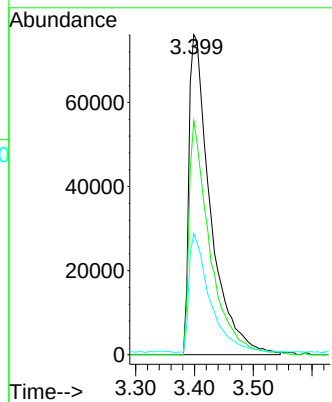
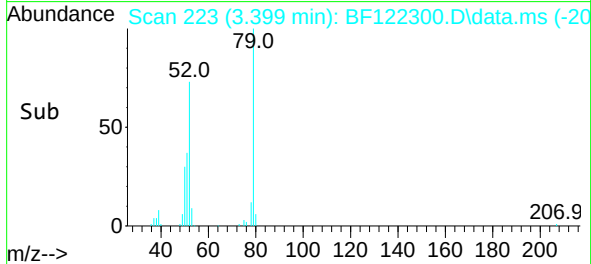
11/11/2020 10:32:18 AM



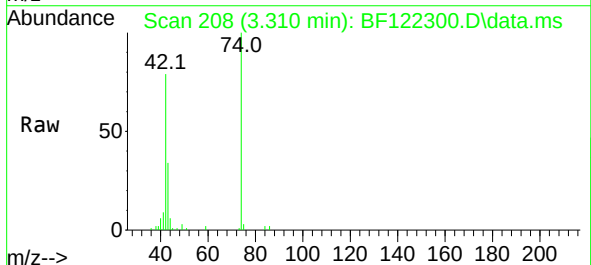
#3
Pyridine
Concen: 7.99 ng
RT: 3.399 min Scan# 223
Delta R.T. 0.006 min
Lab File: BF122300.D
Acq: 10 Nov 2020 15:57



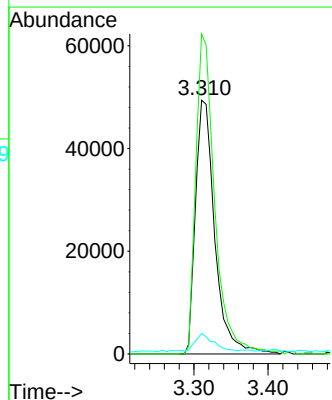
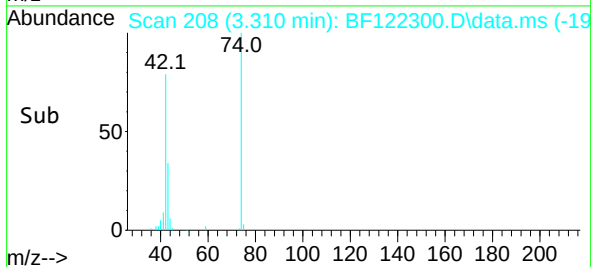
Tgt Ion: 79 Resp: 192261
Ion Ratio Lower Upper
79 100
52 73.0 62.2 93.4
51 37.8 31.1 46.7



#4
n-Nitrosodimethylamine
Concen: 7.88 ng
RT: 3.310 min Scan# 208
Delta R.T. -0.035 min
Lab File: BF122300.D
Acq: 10 Nov 2020 15:57



Tgt Ion: 42 Resp: 89407
Ion Ratio Lower Upper
42 100
74 126.1 100.2 150.2
44 8.1 5.8 8.6

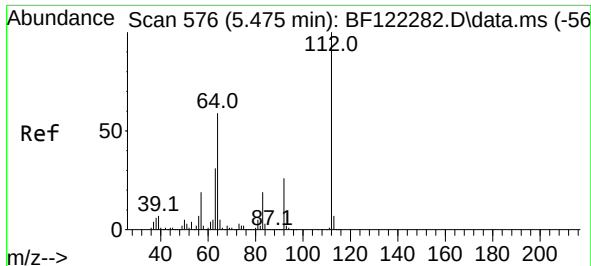


Instrument :
BNA_F
ClientSampleId :
LOQ-WATER-02-QT4-2020

Manual Integrations
APPROVED

mohammad

11/11/2020 10:32:18 AM



#5
2-Fluorophenol
Concen: 89.08 ng
RT: 5.475 min Scan# 576
Delta R.T. 0.000 min
Lab File: BF122300.D
Acq: 10 Nov 2020 15:57

Tgt Ion: 112 Resp: 1699793

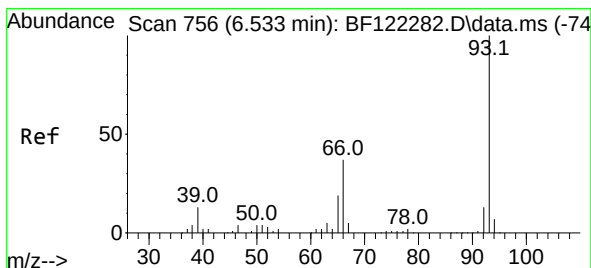
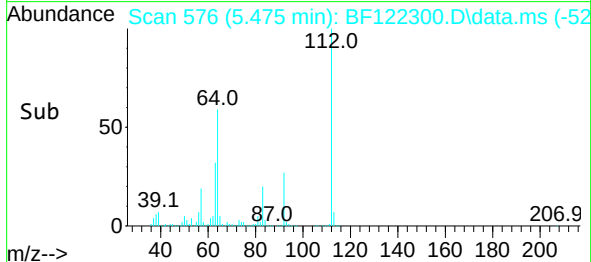
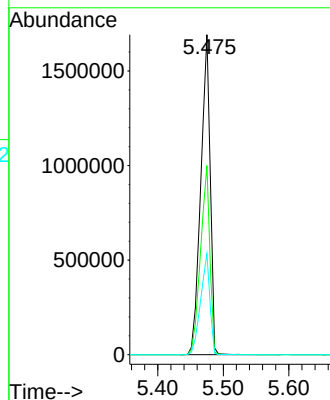
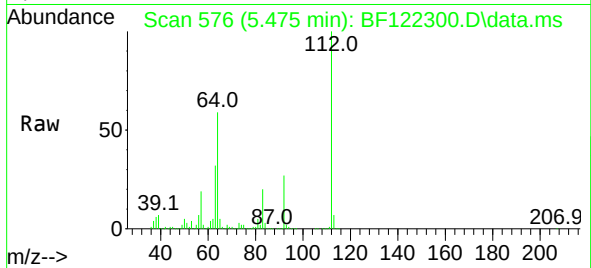
Ion	Ratio	Lower	Upper
112	100		
64	59.1	50.4	75.6
63	31.6	25.8	38.6

Instrument :
BNA_F
ClientSampleId :
LOQ-WATER-02-QT4-2020

Manual Integrations
APPROVED

mohammad

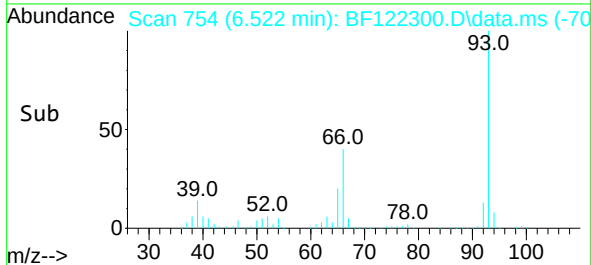
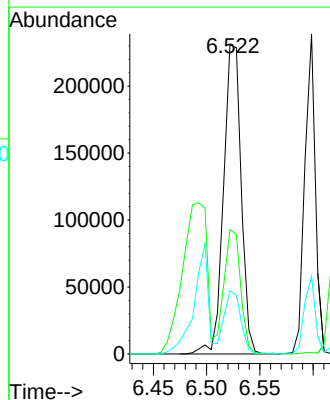
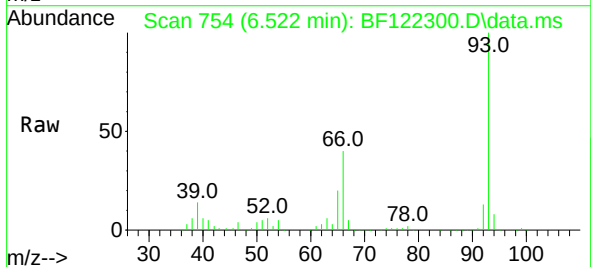
11/11/2020 10:32:18 AM

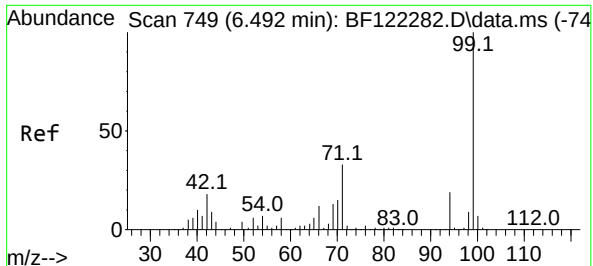


#6
Aniline
Concen: 8.09 ng
RT: 6.522 min Scan# 754
Delta R.T. -0.011 min
Lab File: BF122300.D
Acq: 10 Nov 2020 15:57

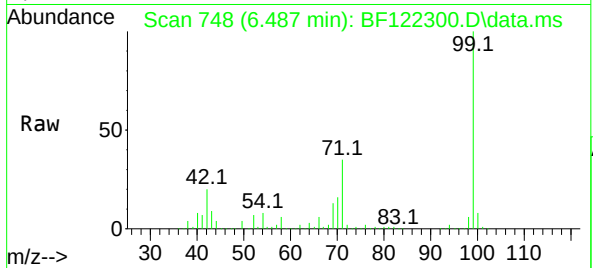
Tgt Ion: 93 Resp: 265089

Ion	Ratio	Lower	Upper
93	100		
66	40.3	32.7	49.1
65	20.5	16.6	24.8

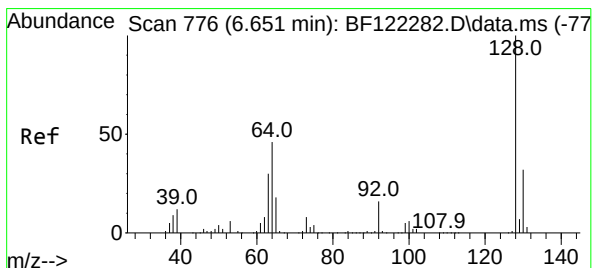
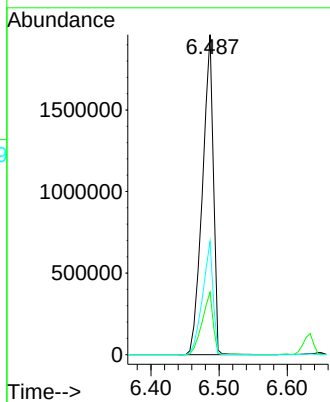
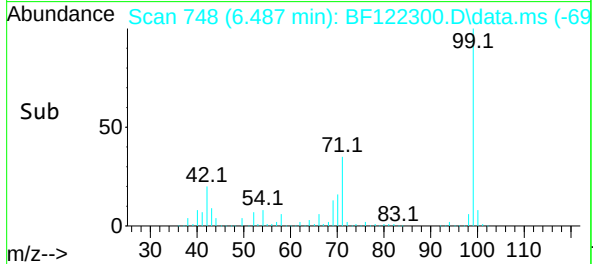




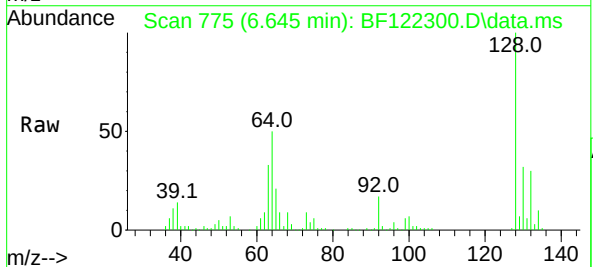
#7
Phenol-d6
Concen: 87.35 ng
RT: 6.487 min Scan# 748
Delta R.T. -0.005 min
Lab File: BF122300.D
Acq: 10 Nov 2020 15:57



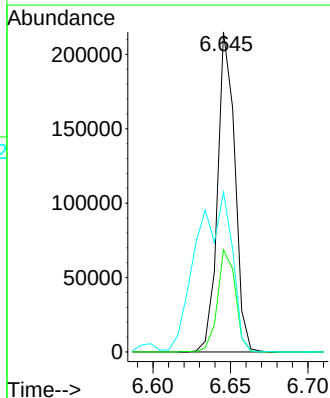
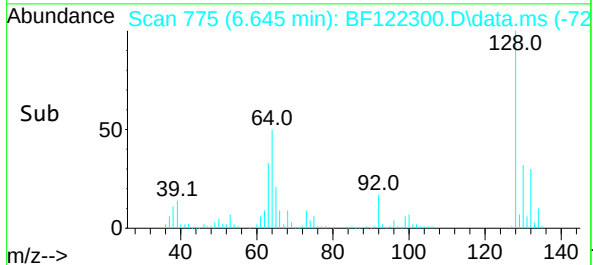
Tgt Ion: 99 Resp: 2180556
Ion Ratio Lower Upper
99 100
42 19.5 15.9 23.9
71 35.4 27.1 40.7



#8
2-Chlorophenol
Concen: 8.41 ng
RT: 6.645 min Scan# 775
Delta R.T. -0.005 min
Lab File: BF122300.D
Acq: 10 Nov 2020 15:57



Tgt Ion: 128 Resp: 166412
Ion Ratio Lower Upper
128 100
130 31.9 12.4 52.4
64 49.9 34.8 74.8

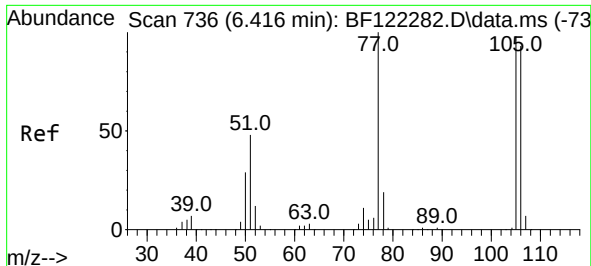


Instrument :
BNA_F
ClientSampleId :
LOQ-WATER-02-QT4-2020

Manual Integrations
APPROVED

mohammad

11/11/2020 10:32:18 AM



#9
Benzaldehyde
Concen: 10.28 ng
RT: 6.410 min Scan# 735
Delta R.T. -0.006 min
Lab File: BF122300.D
Acq: 10 Nov 2020 15:57

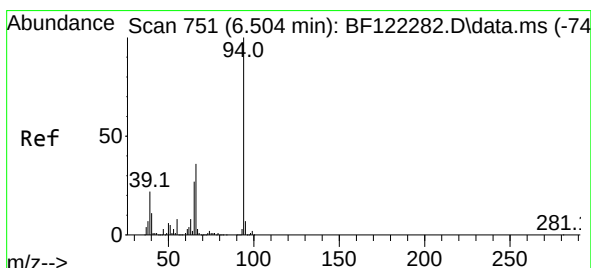
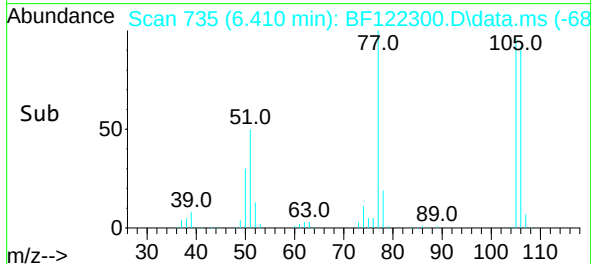
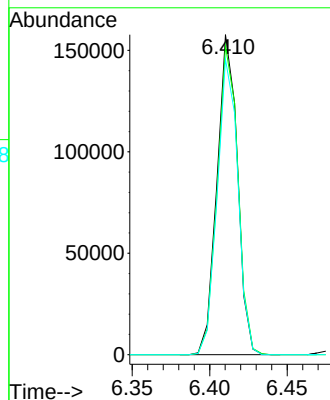
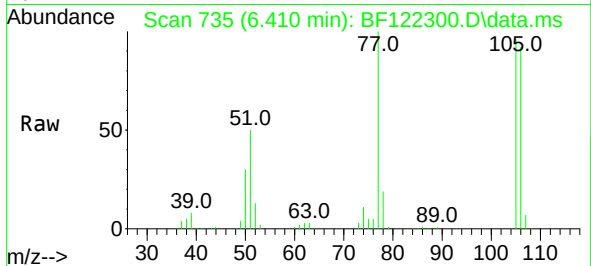
Tgt Ion:	77	Resp:	144691
Ion	Ratio	Lower	Upper
77	100		
105	96.5	76.7	116.7
106	92.3	71.3	111.3

Instrument :
BNA_F
ClientSampleId :
LOQ-WATER-02-QT4-2020

Manual Integrations
APPROVED

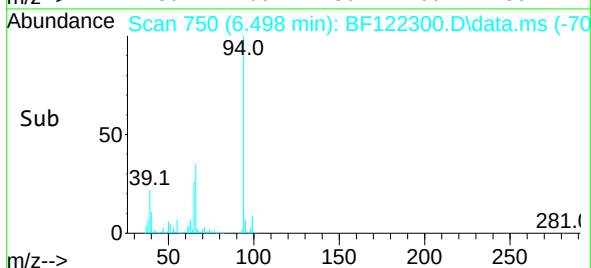
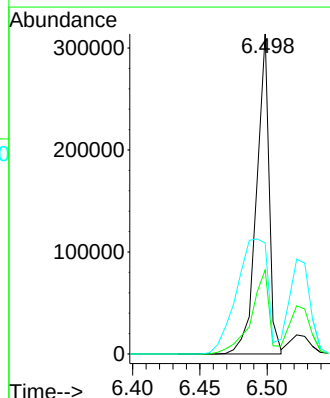
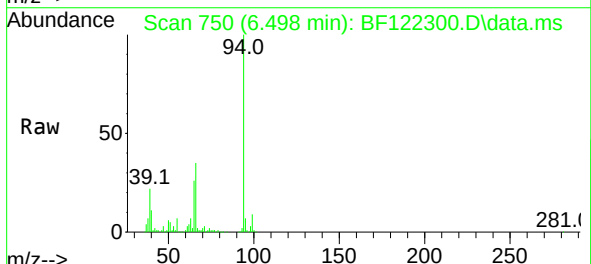
mohammad

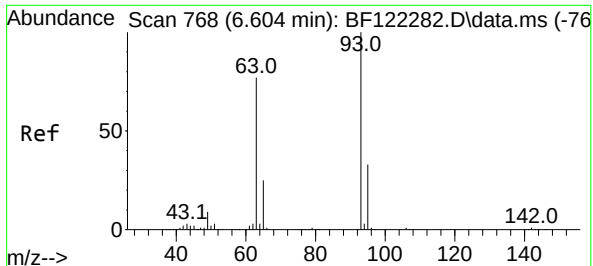
11/11/2020 10:32:18 AM



#10
Phenol
Concen: 8.26 ng m
RT: 6.498 min Scan# 750
Delta R.T. -0.006 min
Lab File: BF122300.D
Acq: 10 Nov 2020 15:57

Tgt Ion:	94	Resp:	203173
Ion	Ratio	Lower	Upper
94	100		
65	26.3	17.1	57.1
66	34.7	36.0	76.0





#11
bis(2-Chloroethyl)ether
Concen: 8.45 ng
RT: 6.598 min Scan# 767
Delta R.T. -0.006 min
Lab File: BF122300.D
Acq: 10 Nov 2020 15:57

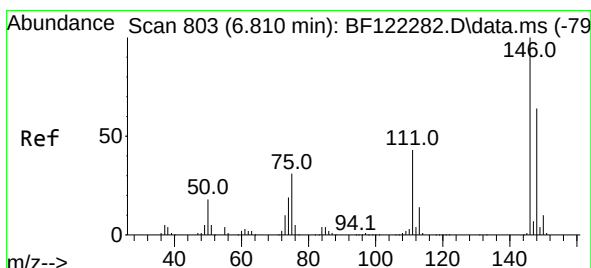
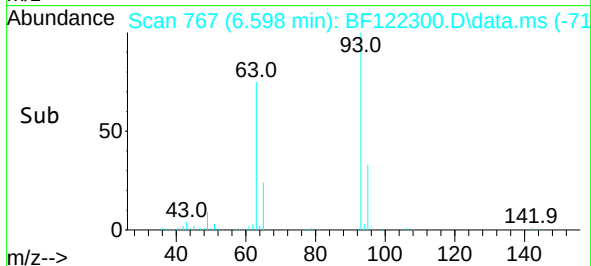
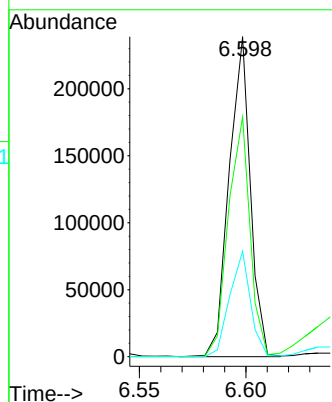
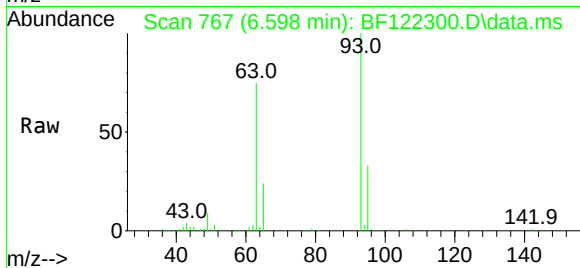
Tgt Ion: 93 Resp: 165112
Ion Ratio Lower Upper
93 100
63 74.9 62.4 102.4
95 33.0 12.6 52.6

Instrument :
BNA_F
ClientSampleId :
LOQ-WATER-02-QT4-2020

Manual Integrations
APPROVED

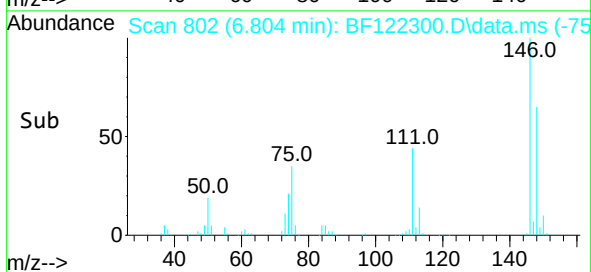
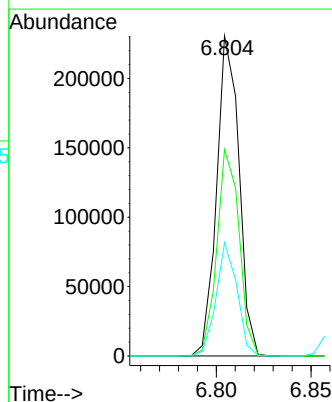
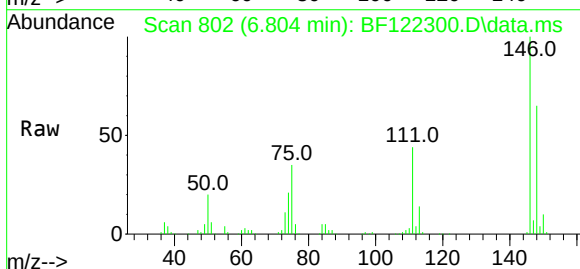
mohammad

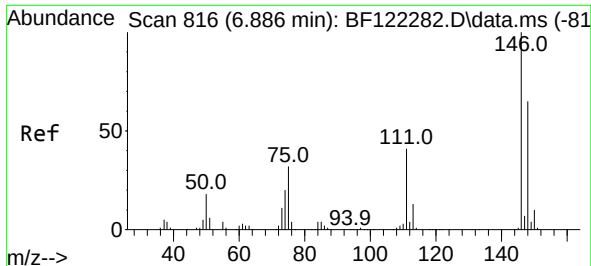
11/11/2020 10:32:18 AM



#12
1,3-Dichlorobenzene
Concen: 8.43 ng
RT: 6.804 min Scan# 802
Delta R.T. -0.005 min
Lab File: BF122300.D
Acq: 10 Nov 2020 15:57

Tgt Ion: 146 Resp: 189383
Ion Ratio Lower Upper
146 100
148 64.5 51.0 76.4
75 35.4 27.6 41.4





#13
1,4-Dichlorobenzene
Concen: 8.63 ng
RT: 6.881 min Scan# 815
Delta R.T. -0.005 min
Lab File: BF122300.D
Acq: 10 Nov 2020 15:57

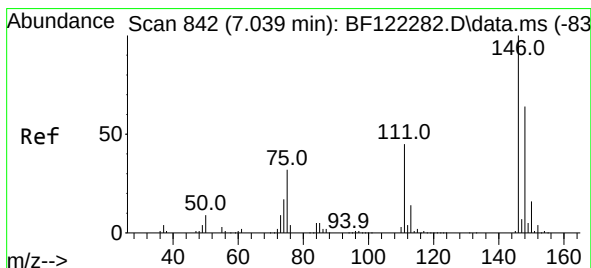
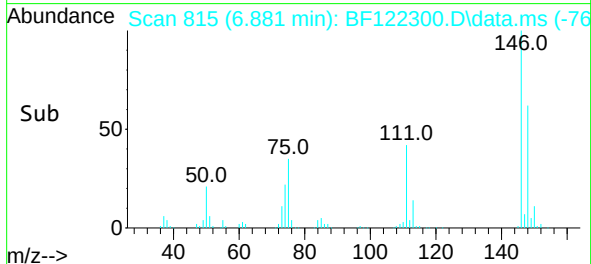
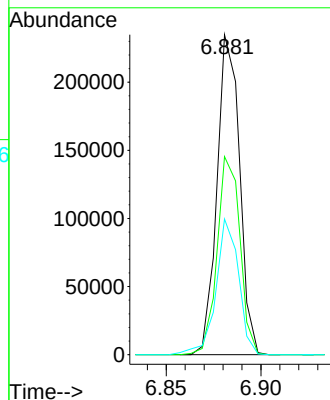
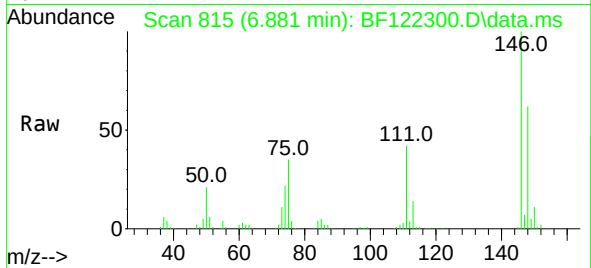
Tgt Ion:146 Resp: 194869
Ion Ratio Lower Upper
146 100
148 61.9 50.1 75.1
111 42.4 34.6 52.0

Instrument :
BNA_F
ClientSampleId :
LOQ-WATER-02-QT4-2020

Manual Integrations
APPROVED

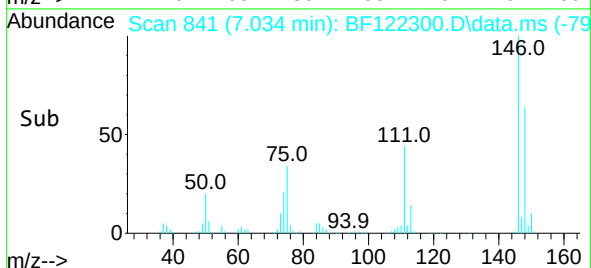
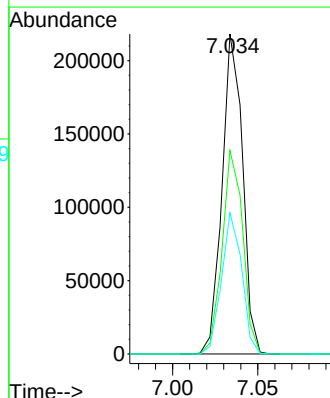
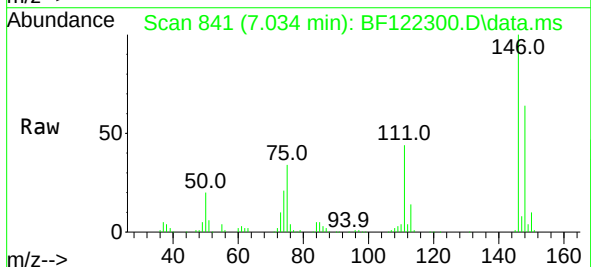
mohammad

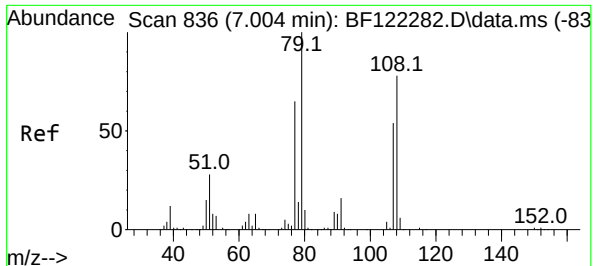
11/11/2020 10:32:18 AM



#14
1,2-Dichlorobenzene
Concen: 8.67 ng
RT: 7.034 min Scan# 841
Delta R.T. -0.005 min
Lab File: BF122300.D
Acq: 10 Nov 2020 15:57

Tgt Ion:146 Resp: 182575
Ion Ratio Lower Upper
146 100
148 63.6 51.1 76.7
111 44.1 34.2 51.4





#15

Benzyl Alcohol

Concen: 7.44 ng

RT: 6.998 min Scan# 835

Delta R.T. -0.006 min

Lab File: BF122300.D

Acq: 10 Nov 2020 15:57

Tgt Ion:	79	Resp:	132062
Ion Ratio	Lower	Upper	
79	100		
108	79.5	62.3	93.5
77	64.7	50.6	75.8

Instrument :

BNA_F

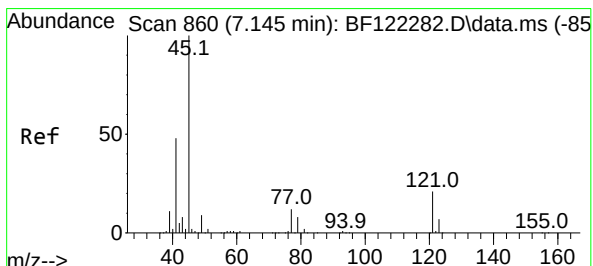
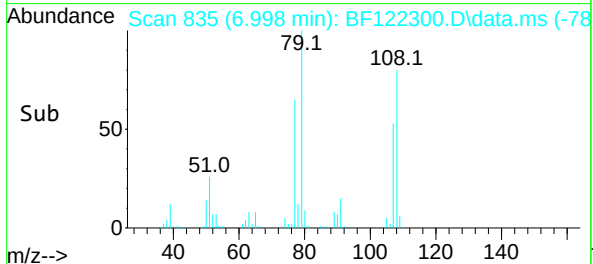
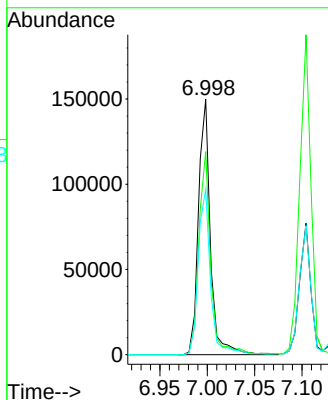
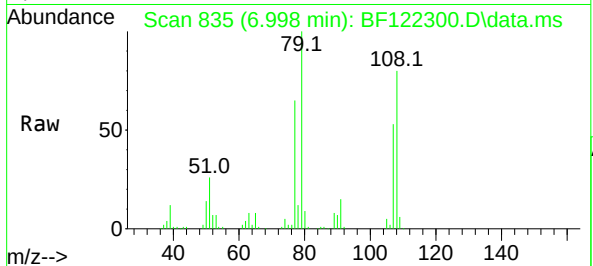
ClientSampleId :

LOQ-WATER-02-QT4-2020

Manual Integrations
APPROVED

mohammad

11/11/2020 10:32:18 AM



#16

2,2'-oxybis(1-Chloropropane)

Concen: 8.31 ng

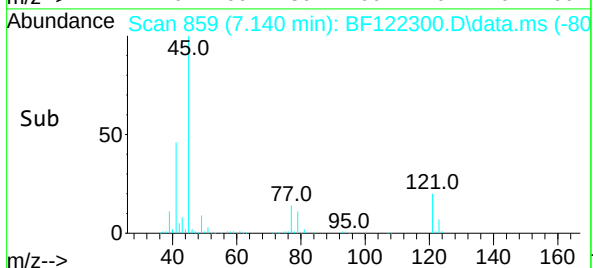
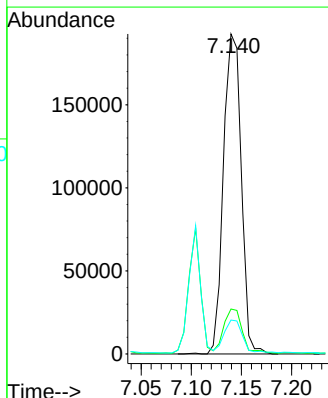
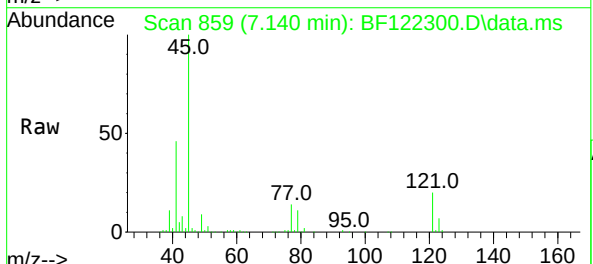
RT: 7.140 min Scan# 859

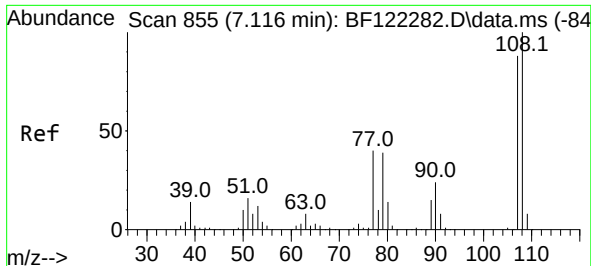
Delta R.T. -0.006 min

Lab File: BF122300.D

Acq: 10 Nov 2020 15:57

Tgt Ion:	45	Resp:	236748
Ion Ratio	Lower	Upper	
45	100		
77	14.0	0.0	33.3
79	10.6	0.0	30.4





#17
2-Methylphenol
Concen: 8.38 ng
RT: 7.104 min Scan# 853
Delta R.T. -0.011 min
Lab File: BF122300.D
Acq: 10 Nov 2020 15:57

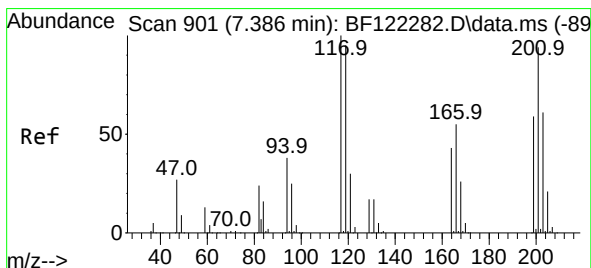
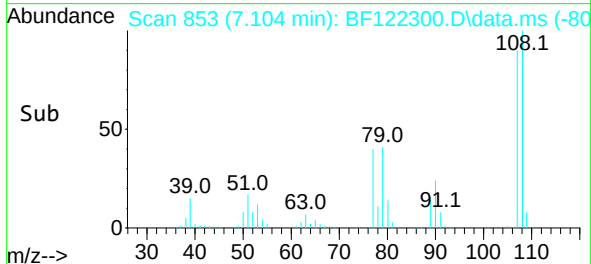
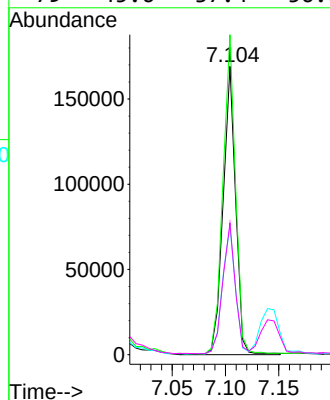
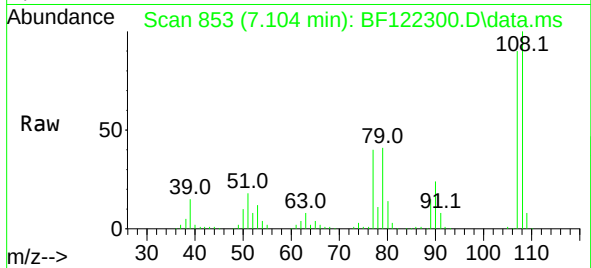
Tgt Ion:	107	Resp:	138435
Ion	Ratio	Lower	Upper
107	100		
108	111.0	90.9	136.3
77	44.7	37.5	56.3
79	45.6	37.4	56.0

Instrument :
BNA_F
ClientSampleId :
LOQ-WATER-02-QT4-2020

Manual Integrations
APPROVED

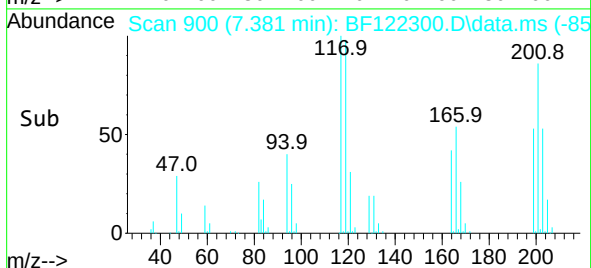
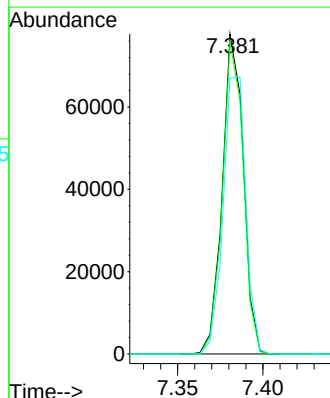
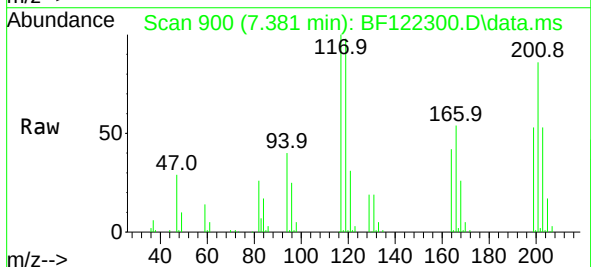
mohammad

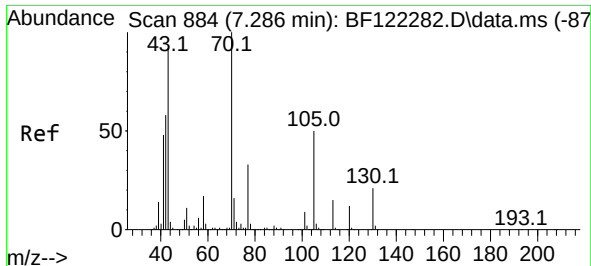
11/11/2020 10:32:18 AM



#18
Hexachloroethane
Concen: 8.51 ng
RT: 7.381 min Scan# 900
Delta R.T. -0.005 min
Lab File: BF122300.D
Acq: 10 Nov 2020 15:57

Tgt Ion:	117	Resp:	66863
Ion	Ratio	Lower	Upper
117	100		
119	97.5	76.3	114.5
201	86.1	71.8	107.6





#19
n-Nitroso-di-n-propylamine
Concen: 8.40 ng
RT: 7.269 min Scan# 881
Delta R.T. -0.017 min
Lab File: BF122300.D
Acq: 10 Nov 2020 15:57

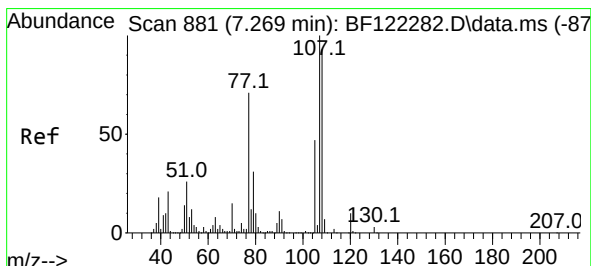
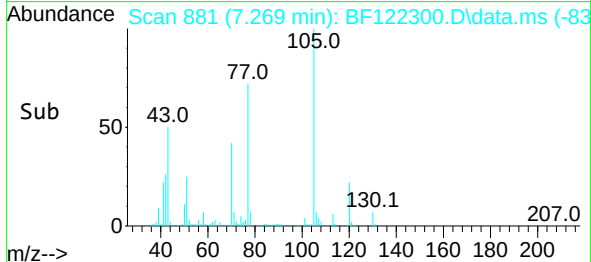
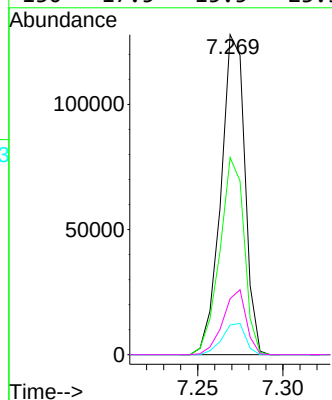
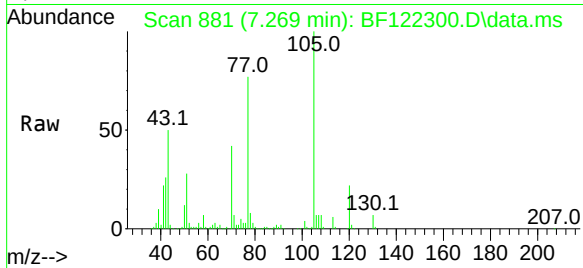
Tgt Ion: 70	Resp: 125371
Ion Ratio	Lower Upper
70 100	
42 61.6	50.2 75.4
101 9.3	7.5 11.3
130 17.5	15.5 23.3

Instrument :
BNA_F
ClientSampleId :
LOQ-WATER-02-QT4-2020

Manual Integrations
APPROVED

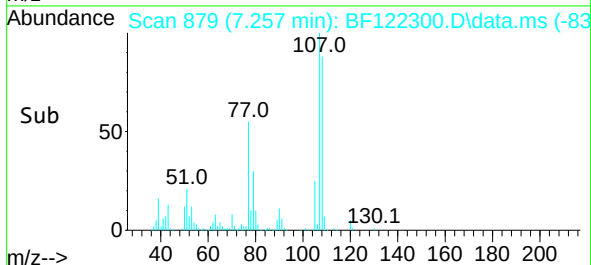
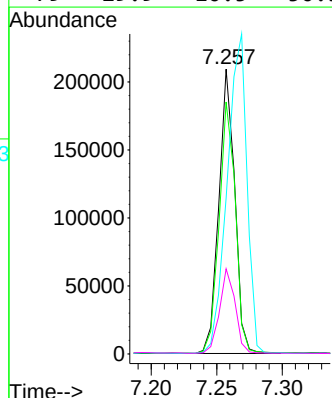
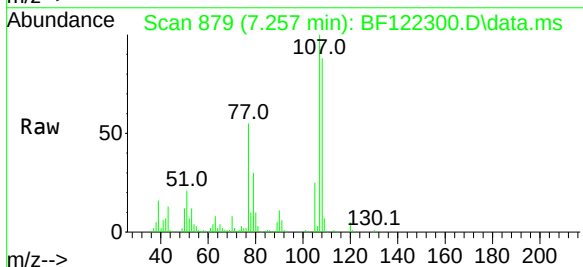
mohammad

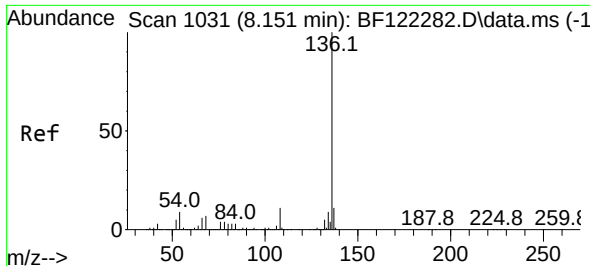
11/11/2020 10:32:18 AM



#20
3+4-Methylphenols
Concen: 8.66 ng
RT: 7.257 min Scan# 879
Delta R.T. -0.011 min
Lab File: BF122300.D
Acq: 10 Nov 2020 15:57

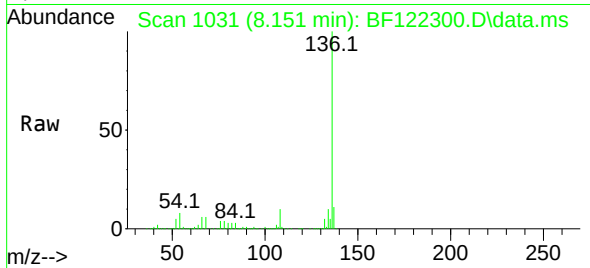
Tgt Ion: 107	Resp: 176026
Ion Ratio	Lower Upper
107 100	
108 88.5	68.9 108.9
77 54.7	108.0 148.0#
79 29.9	10.5 50.5





#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.151 min Scan# 1031
Delta R.T. 0.000 min
Lab File: BF122300.D
Acq: 10 Nov 2020 15:57

Instrument :
BNA_F
ClientSampleId :
LOQ-WATER-02-QT4-2020



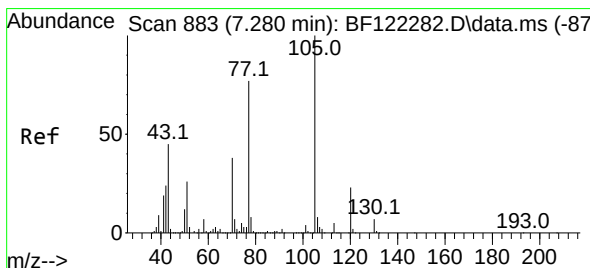
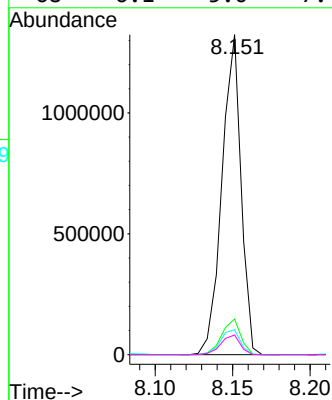
Tgt Ion:136 Resp: 1131081

Ion	Ratio	Lower	Upper
136	100		
137	11.1	8.6	13.0
54	7.8	7.1	10.7
68	6.1	5.0	7.4

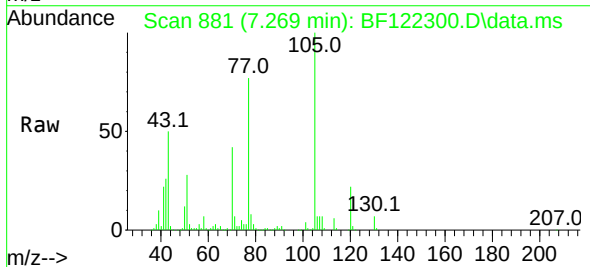
Manual Integrations
APPROVED

mohammad

11/11/2020 10:32:18 AM

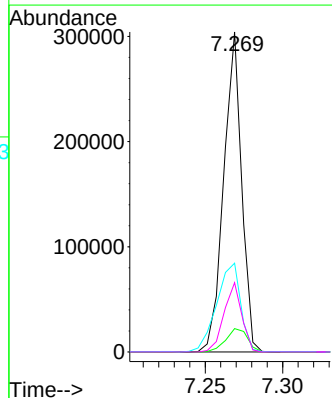
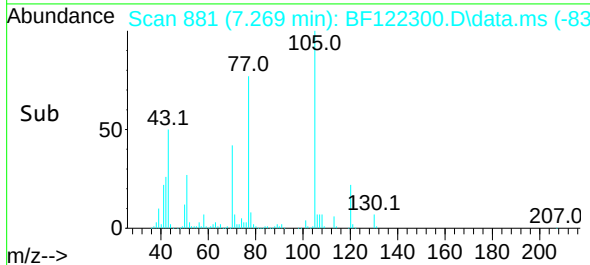


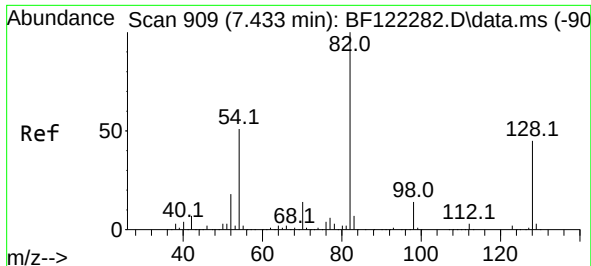
#22
Acetophenone
Concen: 8.29 ng
RT: 7.269 min Scan# 881
Delta R.T. -0.011 min
Lab File: BF122300.D
Acq: 10 Nov 2020 15:57



Tgt Ion:105 Resp: 244138

Ion	Ratio	Lower	Upper
105	100		
71	7.3	5.3	7.9
51	27.8	33.2	49.8#
120	21.6	17.4	26.0





#23

Nitrobenzene-d5

Concen: 83.29 ng

RT: 7.428 min Scan# 908

Delta R.T. -0.005 min

Lab File: BF122300.D

Acq: 10 Nov 2020 15:57

Tgt Ion: 82 Resp: 1538796

Ion	Ratio	Lower	Upper
82	100		
128	44.1	35.0	52.4
54	51.3	43.9	65.9

Instrument :

BNA_F

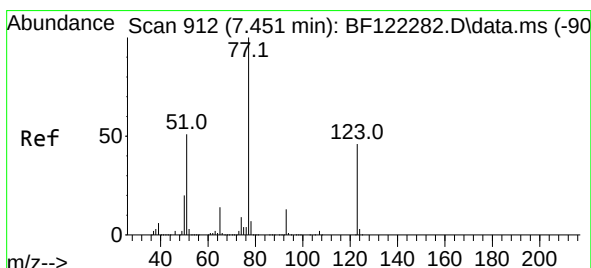
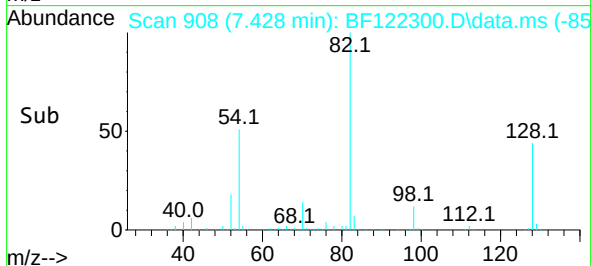
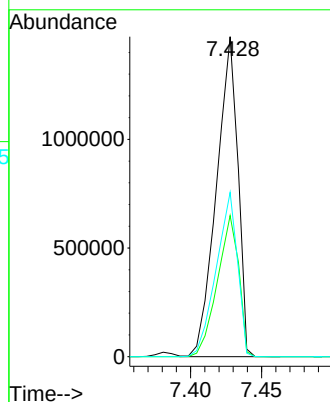
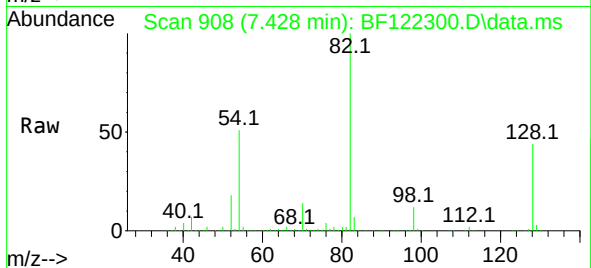
ClientSampleId :

LOQ-WATER-02-QT4-2020

Manual Integrations
APPROVED

mohammad

11/11/2020 10:32:18 AM



#24

Nitrobenzene

Concen: 8.86 ng

RT: 7.445 min Scan# 911

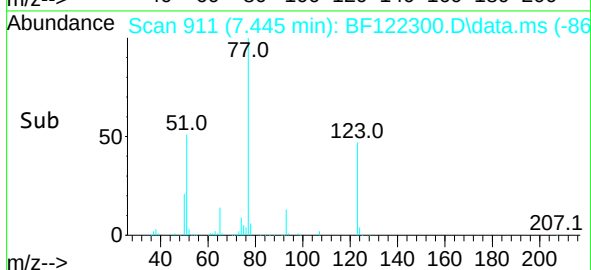
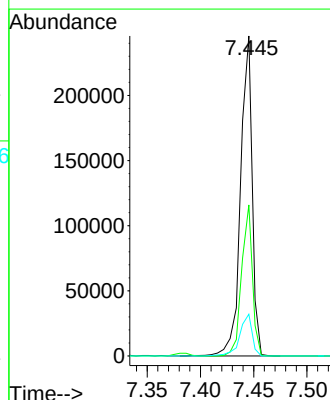
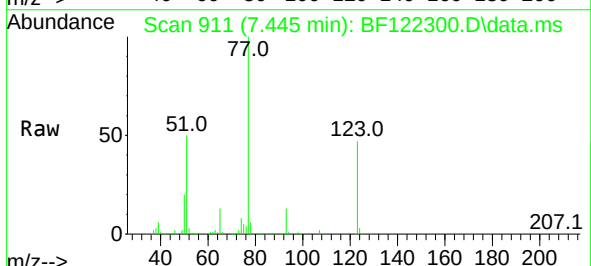
Delta R.T. -0.005 min

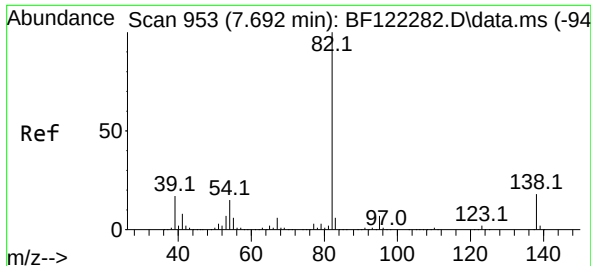
Lab File: BF122300.D

Acq: 10 Nov 2020 15:57

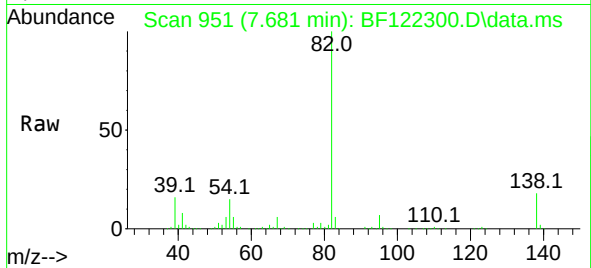
Tgt Ion: 77 Resp: 187243

Ion	Ratio	Lower	Upper
77	100		
123	47.2	35.6	53.4
65	13.0	11.2	16.8

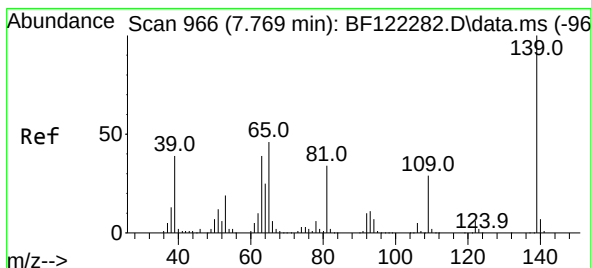
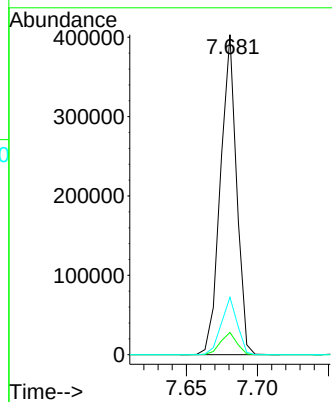
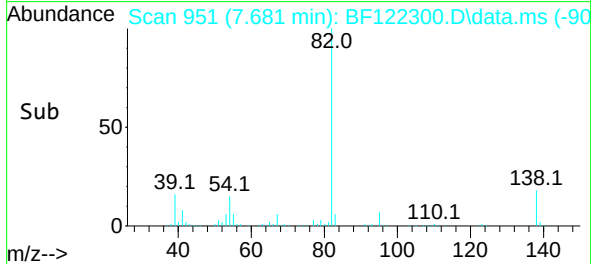




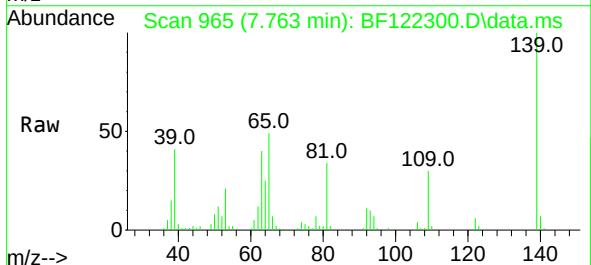
#25
Isophorone
Concen: 7.73 ng
RT: 7.681 min Scan# 951
Delta R.T. -0.011 min
Lab File: BF122300.D
Acq: 10 Nov 2020 15:57



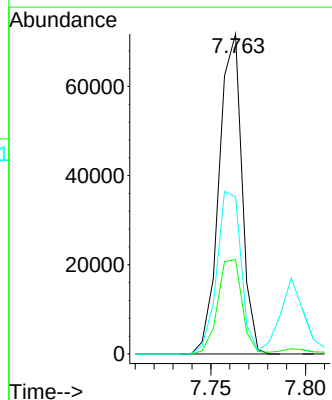
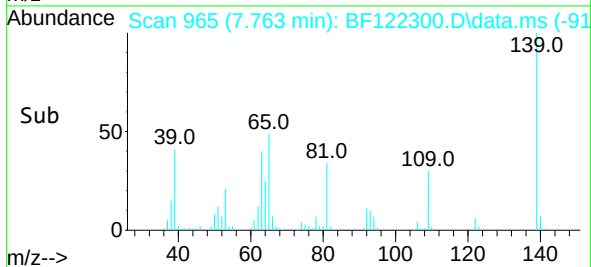
Tgt Ion: 82 Resp: 318359
Ion Ratio Lower Upper
82 100
95 7.0 5.4 8.0
138 17.9 13.4 20.0



#26
2-Nitrophenol
Concen: 8.44 ng
RT: 7.763 min Scan# 965
Delta R.T. -0.006 min
Lab File: BF122300.D
Acq: 10 Nov 2020 15:57



Tgt Ion: 139 Resp: 60231
Ion Ratio Lower Upper
139 100
109 29.5 23.0 34.4
65 49.1 39.9 59.9

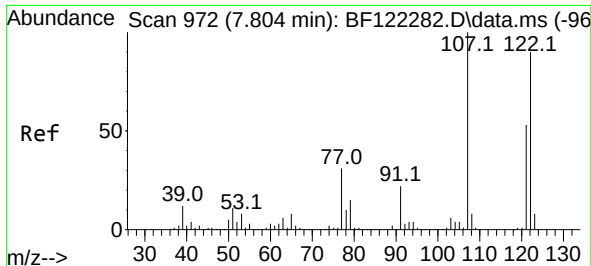


Instrument :
BNA_F
ClientSampleId :
LOQ-WATER-02-QT4-2020

Manual Integrations
APPROVED

mohammad

11/11/2020 10:32:18 AM



#27

2,4-Dimethylphenol

Concen: 7.48 ng

RT: 7.792 min Scan# 970

Delta R.T. -0.012 min

Lab File: BF122300.D

Acq: 10 Nov 2020 15:57

Tgt Ion:	122	Resp:	145259
Ion	Ratio	Lower	Upper
122	100		
107	113.9	90.8	136.2
121	57.2	47.5	71.3

Instrument :

BNA_F

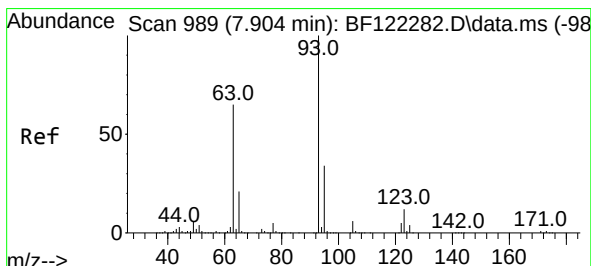
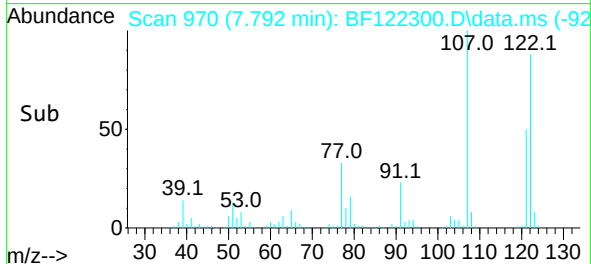
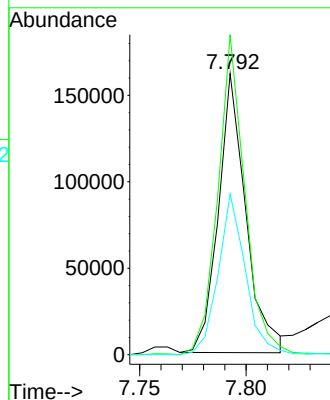
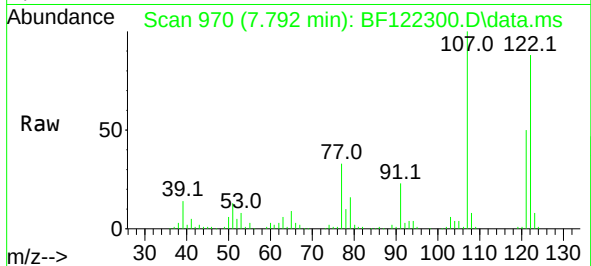
ClientSampleId :

LOQ-WATER-02-QT4-2020

Manual Integrations
APPROVED

mohammad

11/11/2020 10:32:18 AM



#28

bis(2-Chloroethoxy)methane

Concen: 7.83 ng

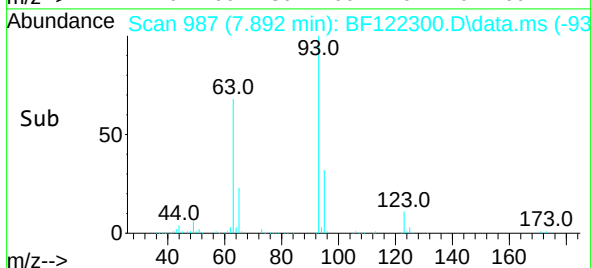
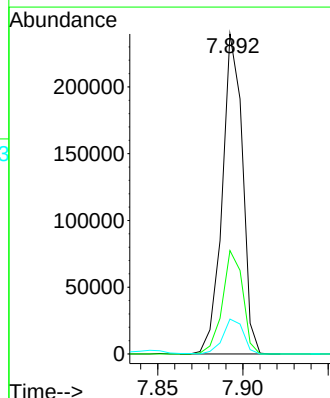
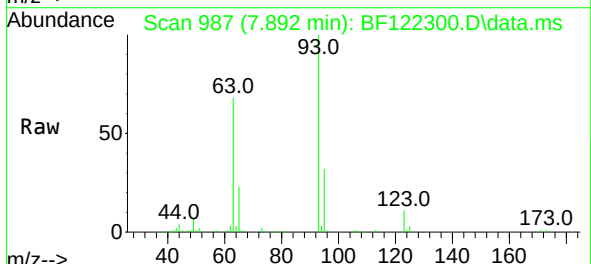
RT: 7.892 min Scan# 987

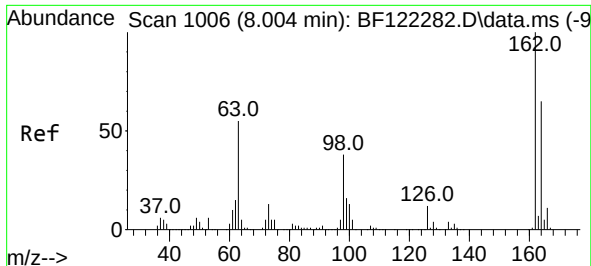
Delta R.T. -0.011 min

Lab File: BF122300.D

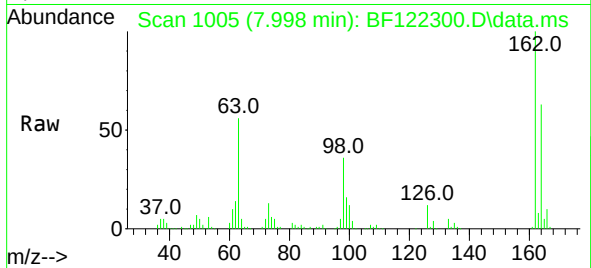
Acq: 10 Nov 2020 15:57

Tgt Ion:	93	Resp:	197305
Ion	Ratio	Lower	Upper
93	100		
95	32.3	26.2	39.4
123	10.9	8.8	13.2

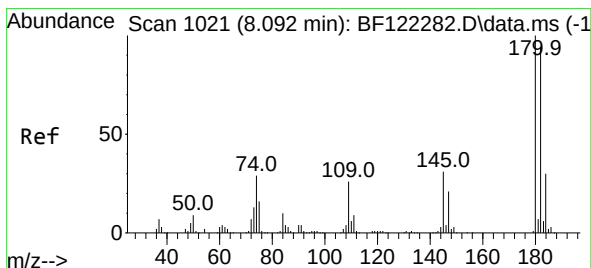
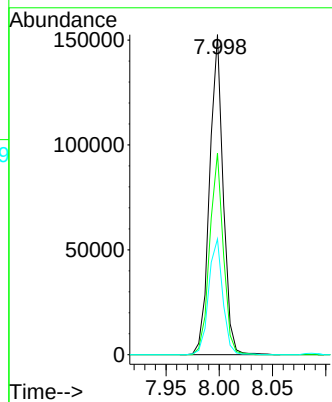
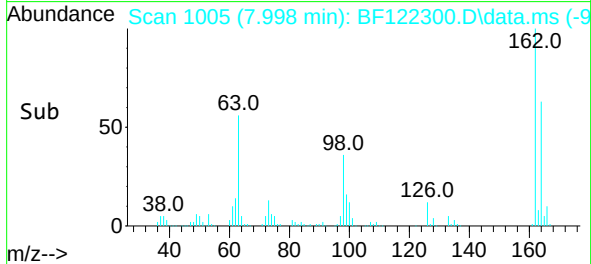




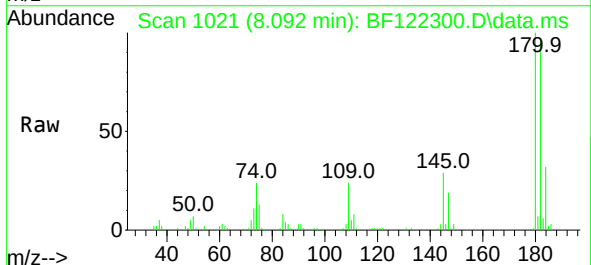
#29
2,4-Dichlorophenol
Concen: 7.85 ng
RT: 7.998 min Scan# 1005
Delta R.T. -0.006 min
Lab File: BF122300.D
Acq: 10 Nov 2020 15:57



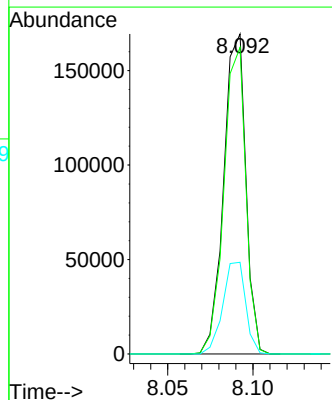
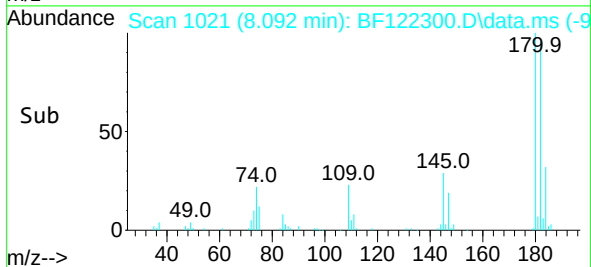
Tgt Ion:162 Resp: 134976
Ion Ratio Lower Upper
162 100
164 63.0 42.5 82.5
98 36.1 20.1 60.1



#30
1,2,4-Trichlorobenzene
Concen: 8.08 ng
RT: 8.092 min Scan# 1021
Delta R.T. 0.000 min
Lab File: BF122300.D
Acq: 10 Nov 2020 15:57



Tgt Ion:180 Resp: 153470
Ion Ratio Lower Upper
180 100
182 95.8 79.4 119.2
145 28.6 25.5 38.3

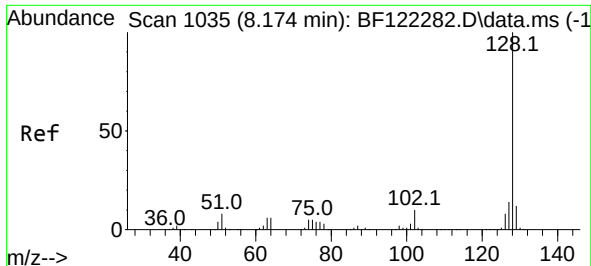


Instrument :
BNA_F
ClientSampleId :
LOQ-WATER-02-QT4-2020

Manual Integrations
APPROVED

mohammad

11/11/2020 10:32:18 AM



#31
Naphthalene
Concen: 8.33 ng
RT: 8.169 min Scan# 1034
Delta R.T. -0.005 min
Lab File: BF122300.D
Acq: 10 Nov 2020 15:57

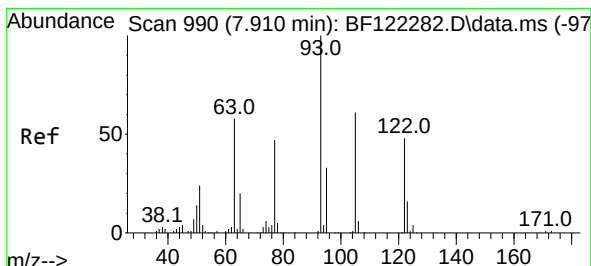
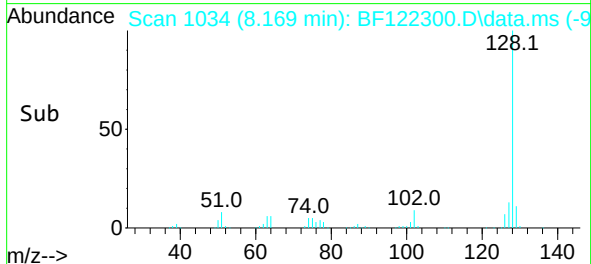
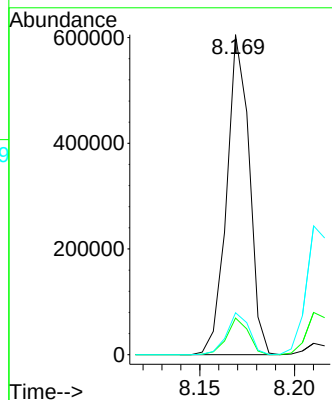
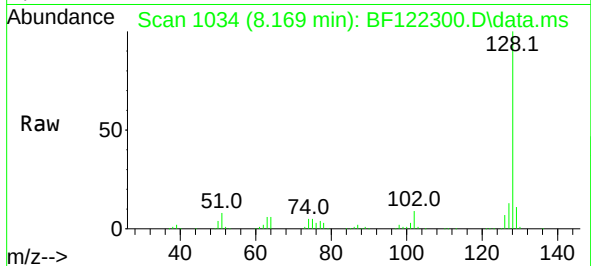
Tgt Ion:128 Resp: 500894
Ion Ratio Lower Upper
128 100
129 11.4 8.7 13.1
127 13.1 10.8 16.2

Instrument :
BNA_F
ClientSampleId :
LOQ-WATER-02-QT4-2020

Manual Integrations
APPROVED

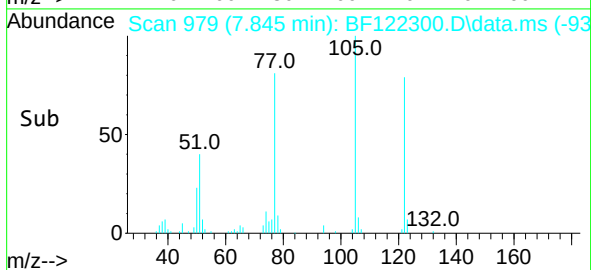
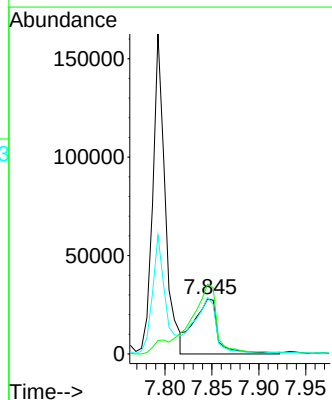
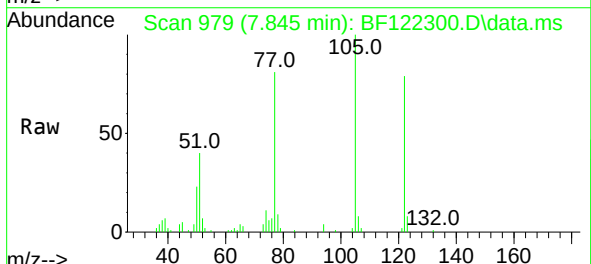
mohammad

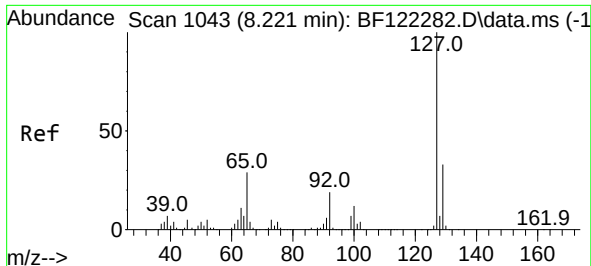
11/11/2020 10:32:18 AM



#32
Benzoic acid
Concen: 5.79 ng m
RT: 7.845 min Scan# 979
Delta R.T. -0.065 min
Lab File: BF122300.D
Acq: 10 Nov 2020 15:57

Tgt Ion:122 Resp: 50718
Ion Ratio Lower Upper
122 100
105 126.2 103.3 143.3
77 102.5 73.9 113.9





#33
4-Chloroaniline
Concen: 7.97 ng
RT: 8.210 min Scan# 1041
Delta R.T. -0.011 min
Lab File: BF122300.D
Acq: 10 Nov 2020 15:57

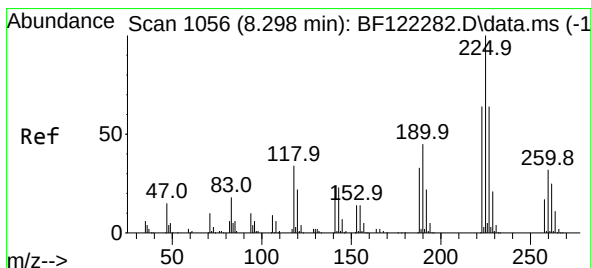
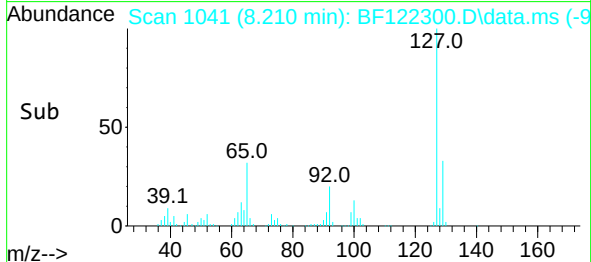
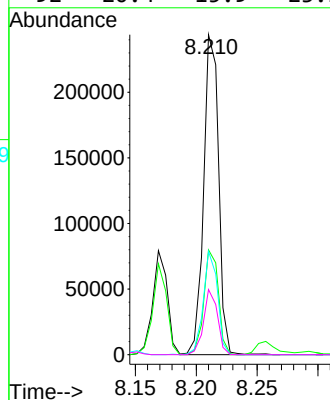
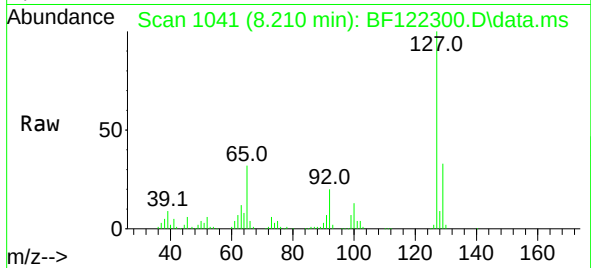
Tgt Ion	Ratio	Lower	Upper
127	100		
129	32.7	26.3	39.5
65	32.3	26.2	39.2
92	20.4	15.9	23.9

Instrument :
BNA_F
ClientSampleId :
LOQ-WATER-02-QT4-2020

Manual Integrations
APPROVED

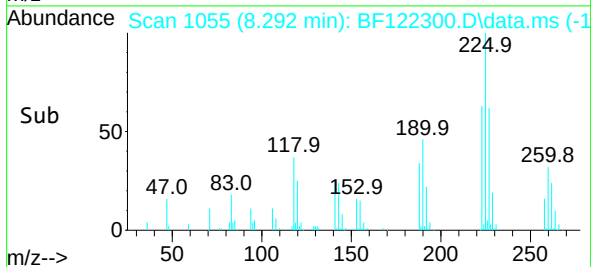
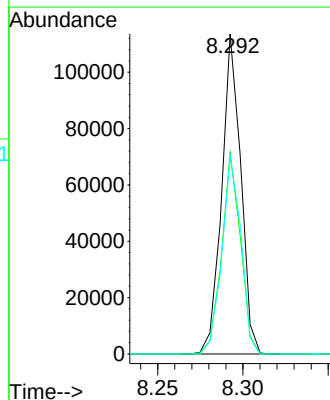
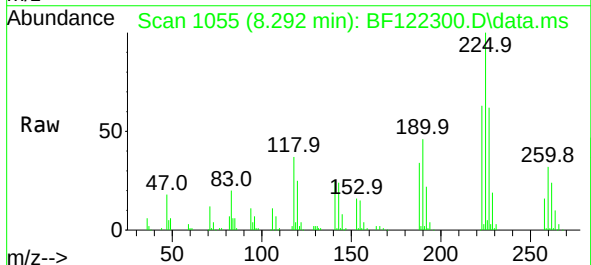
mohammad

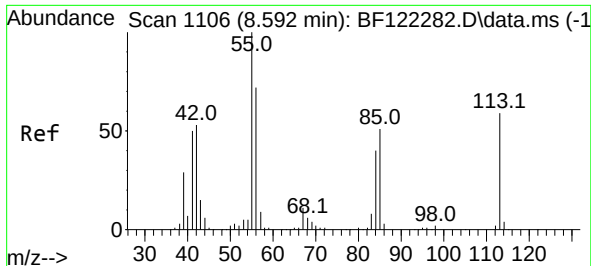
11/11/2020 10:32:18 AM



#34
Hexachlorobutadiene
Concen: 8.07 ng
RT: 8.292 min Scan# 1055
Delta R.T. -0.006 min
Lab File: BF122300.D
Acq: 10 Nov 2020 15:57

Tgt Ion	Ratio	Lower	Upper
225	100		
223	62.9	51.1	76.7
227	62.0	51.0	76.6





#35
Caprolactam
Concen: 7.48 ng
RT: 8.545 min Scan# 1098
Delta R.T. -0.047 min
Lab File: BF122300.D
Acq: 10 Nov 2020 15:57

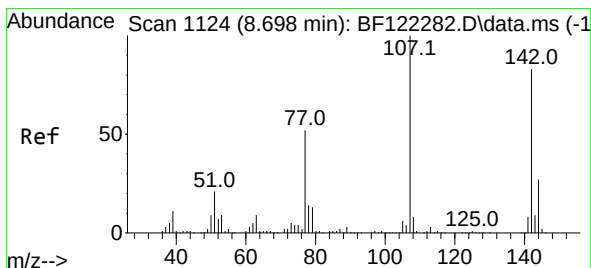
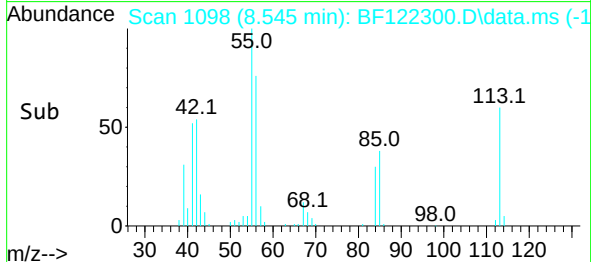
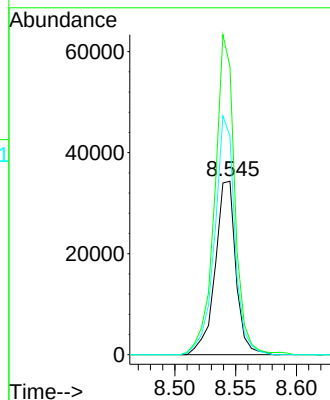
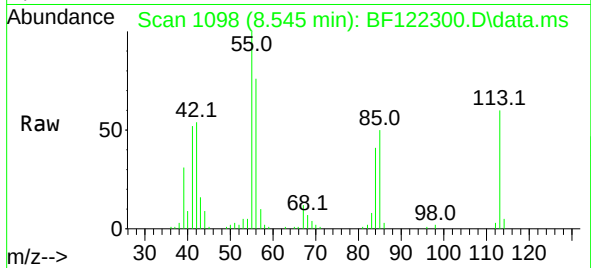
Tgt Ion:113 Resp: 40777
Ion Ratio Lower Upper
113 100
55 166.0 167.5 207.5#
56 125.9 121.2 161.2

Instrument :
BNA_F
ClientSampleId :
LOQ-WATER-02-QT4-2020

Manual Integrations
APPROVED

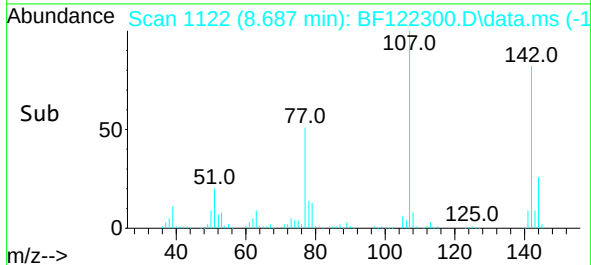
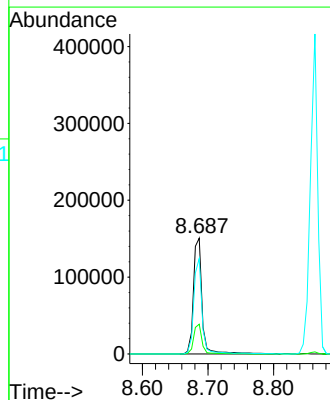
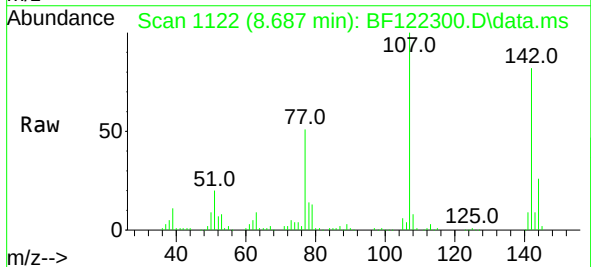
mohammad

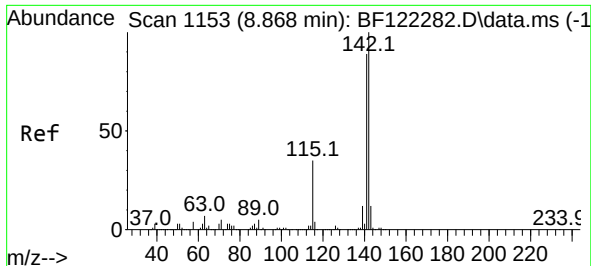
11/11/2020 10:32:18 AM



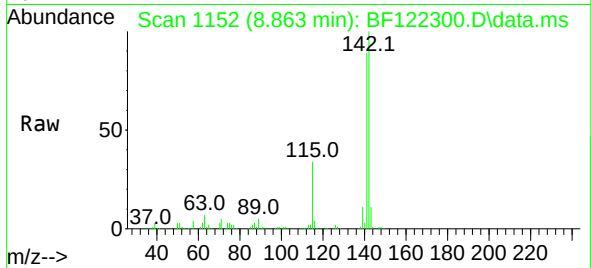
#36
4-Chloro-3-methylphenol
Concen: 7.72 ng
RT: 8.687 min Scan# 1122
Delta R.T. -0.011 min
Lab File: BF122300.D
Acq: 10 Nov 2020 15:57

Tgt Ion:107 Resp: 138457
Ion Ratio Lower Upper
107 100
144 25.7 20.1 30.1
142 82.4 59.3 88.9

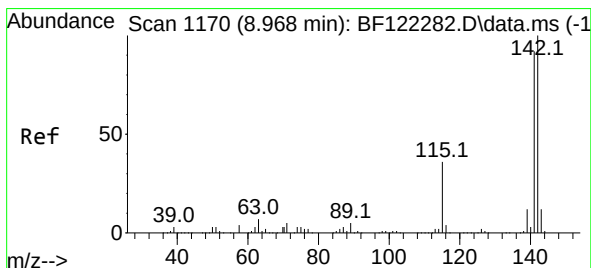
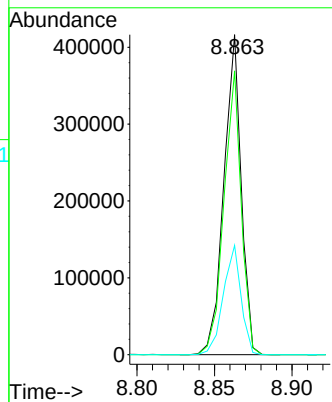
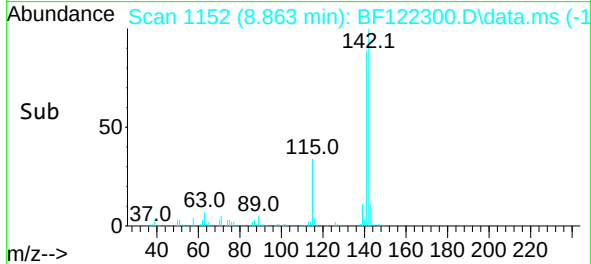




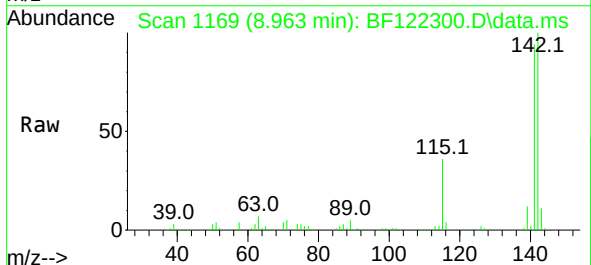
#37
2-Methylnaphthalene
Concen: 8.16 ng
RT: 8.863 min Scan# 1152
Delta R.T. -0.005 min
Lab File: BF122300.D
Acq: 10 Nov 2020 15:57



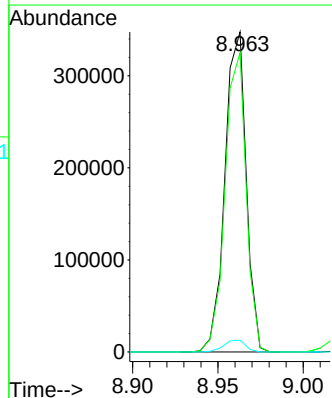
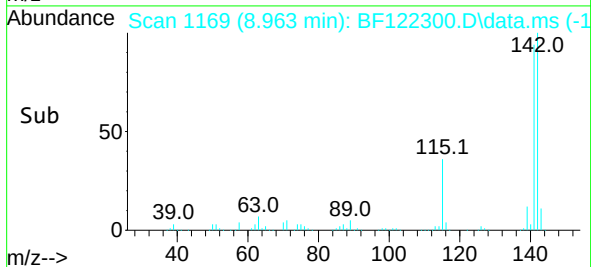
Tgt Ion:142 Resp: 324202
Ion Ratio Lower Upper
142 100
141 88.7 70.2 105.4
115 34.2 28.6 43.0



#38
1-Methylnaphthalene
Concen: 8.13 ng
RT: 8.963 min Scan# 1169
Delta R.T. -0.006 min
Lab File: BF122300.D
Acq: 10 Nov 2020 15:57



Tgt Ion:142 Resp: 302317
Ion Ratio Lower Upper
142 100
141 93.5 74.5 111.7
116 3.7 3.2 4.8

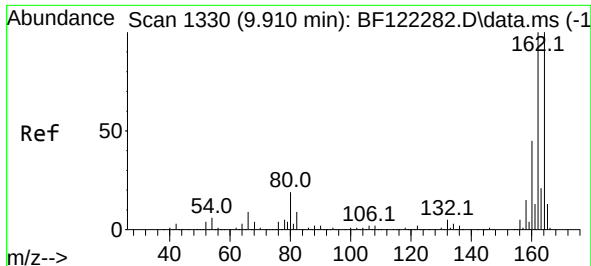


Instrument :
BNA_F
ClientSampleId :
LOQ-WATER-02-QT4-2020

Manual Integrations
APPROVED

mohammad

11/11/2020 10:32:18 AM



#39

Acenaphthene-d10

Concen: 20.00 ng

RT: 9.904 min Scan# 1329

Delta R.T. -0.006 min

Lab File: BF122300.D

Acq: 10 Nov 2020 15:57

Tgt Ion:164 Resp: 590966

Ion Ratio Lower Upper

164 100

162 100.7 83.2 124.8

160 46.3 37.5 56.3

Instrument :

BNA_F

ClientSampleId :

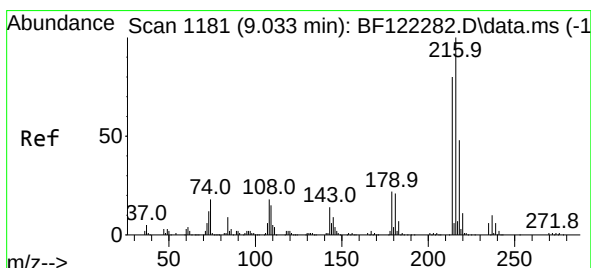
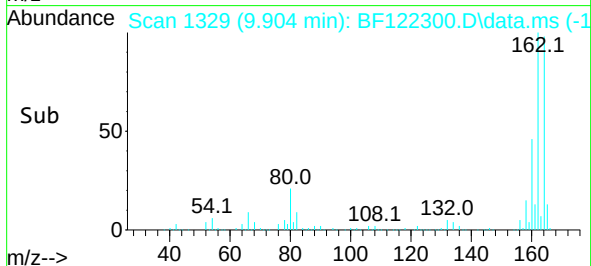
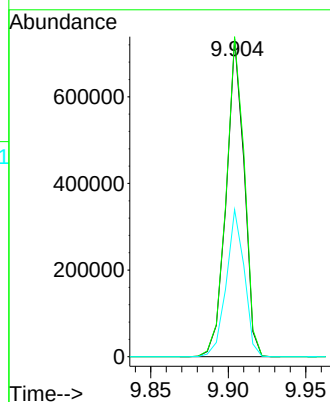
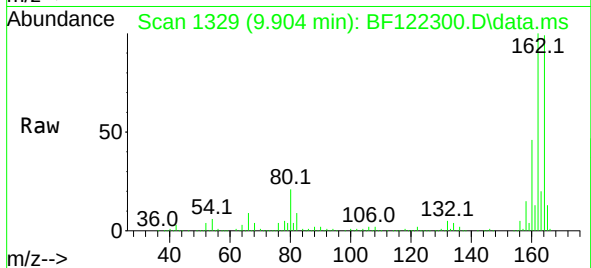
LOQ-WATER-02-QT4-2020

Manual Integrations

APPROVED

mohammad

11/11/2020 10:32:18 AM



#40

1,2,4,5-Tetrachlorobenzene

Concen: 8.24 ng

RT: 9.028 min Scan# 1180

Delta R.T. -0.005 min

Lab File: BF122300.D

Acq: 10 Nov 2020 15:57

Tgt Ion:216 Resp: 150012

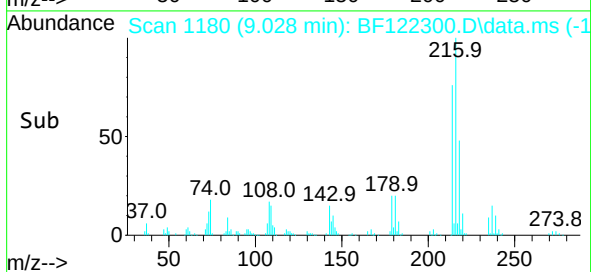
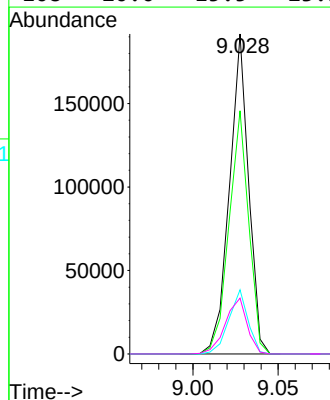
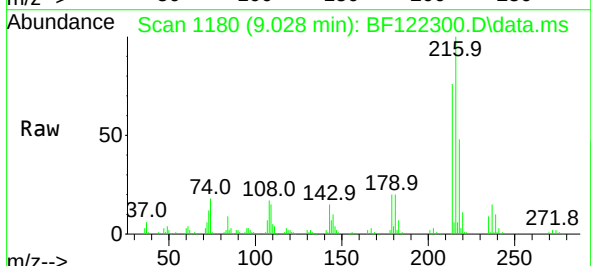
Ion Ratio Lower Upper

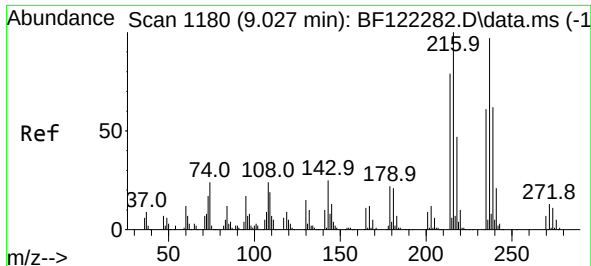
216 100

214 78.2 63.4 95.2

179 20.2 17.0 25.6

108 20.0 15.5 23.3





#41
Hexachlorocyclopentadiene
Concen: 7.56 ng
RT: 9.022 min Scan# 1179
Delta R.T. -0.005 min
Lab File: BF122300.D
Acq: 10 Nov 2020 15:57

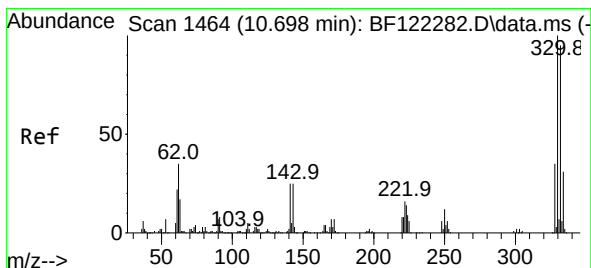
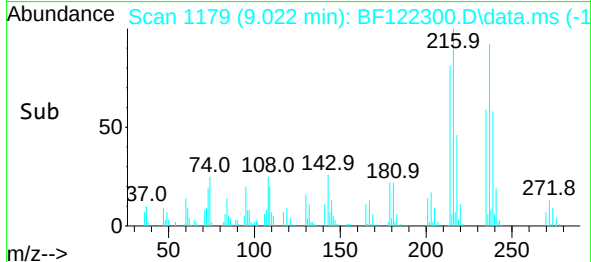
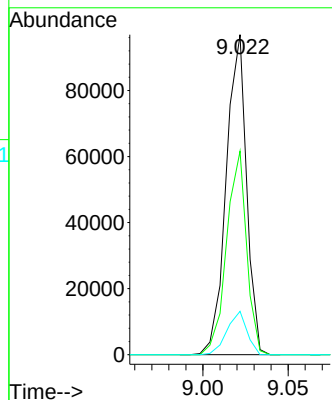
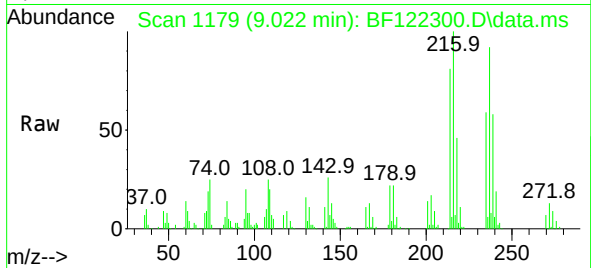
Tgt Ion:	237	Resp:	80500
Ion Ratio	Lower	Upper	
237	100		
235	63.6	41.8	81.8
272	13.6	0.0	33.5

Instrument :
BNA_F
ClientSampleId :
LOQ-WATER-02-QT4-2020

Manual Integrations
APPROVED

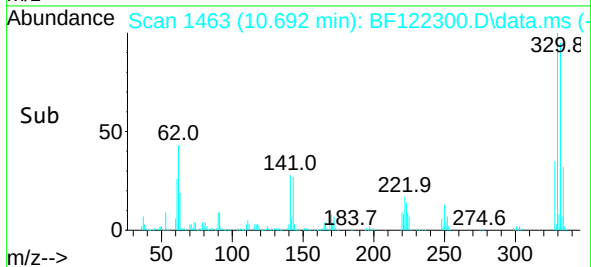
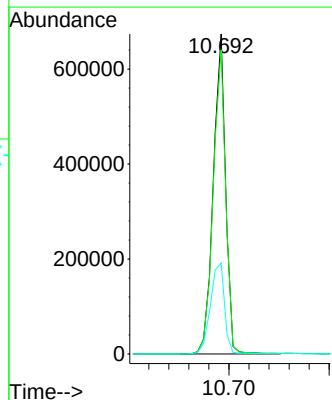
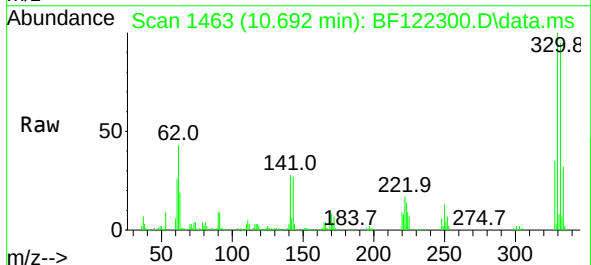
mohammad

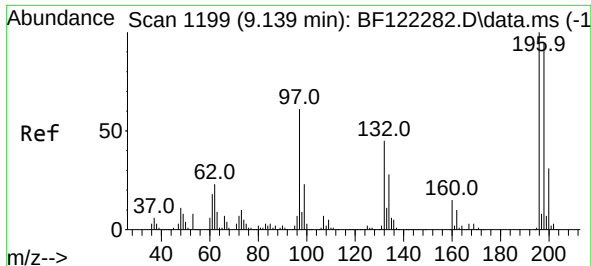
11/11/2020 10:32:18 AM



#42
2,4,6-Tribromophenol
Concen: 90.74 ng
RT: 10.692 min Scan# 1463
Delta R.T. -0.005 min
Lab File: BF122300.D
Acq: 10 Nov 2020 15:57

Tgt Ion:	330	Resp:	575510
Ion Ratio	Lower	Upper	
330	100		
332	96.5	77.3	115.9
141	32.7	22.3	33.5





#43
2,4,6-Trichlorophenol
Concen: 7.81 ng
RT: 9.134 min Scan# 1198
Delta R.T. -0.005 min
Lab File: BF122300.D
Acq: 10 Nov 2020 15:57

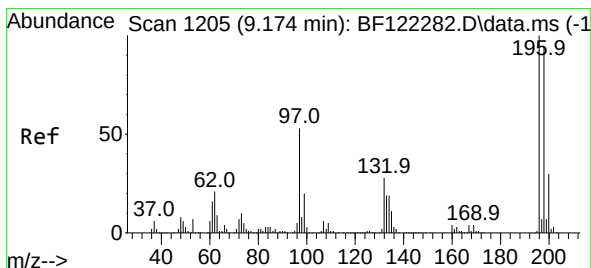
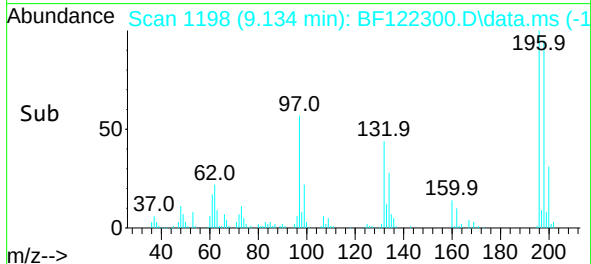
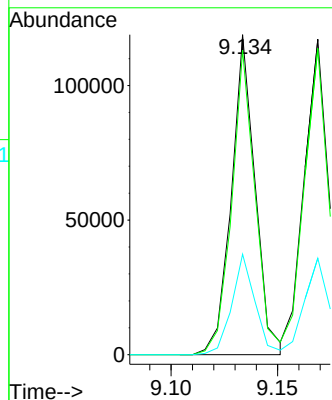
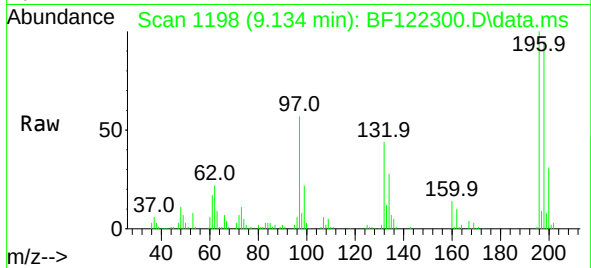
Tgt Ion:196 Resp: 92388
Ion Ratio Lower Upper
196 100
198 95.2 75.8 113.6
200 31.4 24.6 36.8

Instrument :
BNA_F
ClientSampleId :
LOQ-WATER-02-QT4-2020

Manual Integrations
APPROVED

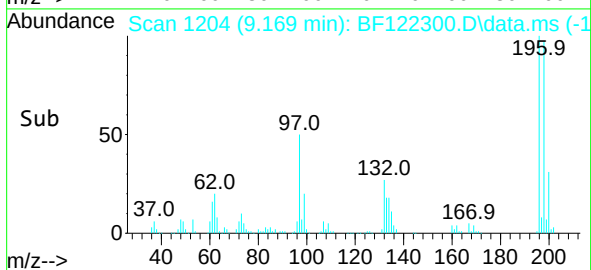
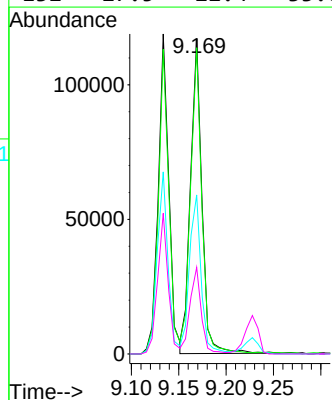
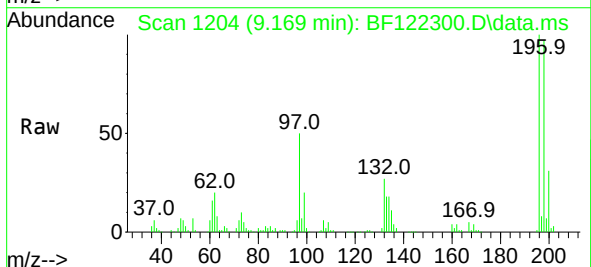
mohammad

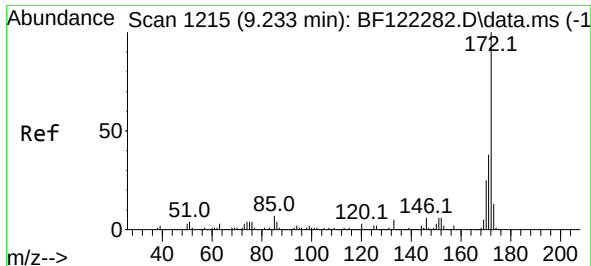
11/11/2020 10:32:18 AM



#44
2,4,5-Trichlorophenol
Concen: 7.93 ng
RT: 9.169 min Scan# 1204
Delta R.T. -0.005 min
Lab File: BF122300.D
Acq: 10 Nov 2020 15:57

Tgt Ion:196 Resp: 98310
Ion Ratio Lower Upper
196 100
198 97.1 76.1 114.1
97 50.4 41.0 61.6
132 27.5 22.4 33.6





#45
2-Fluorobiphenyl
Concen: 70.19 ng
RT: 9.228 min Scan# 1214
Delta R.T. -0.005 min
Lab File: BF122300.D
Acq: 10 Nov 2020 15:57

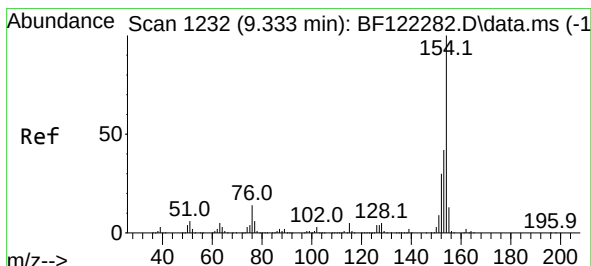
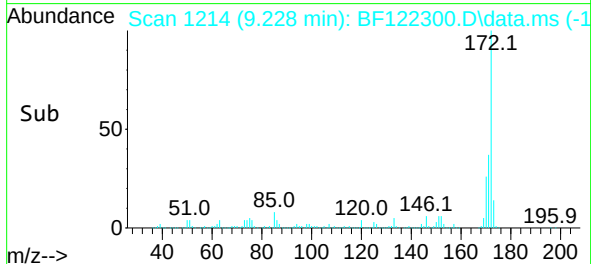
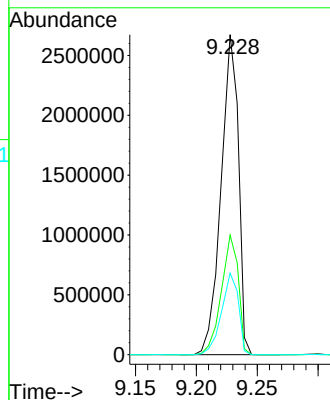
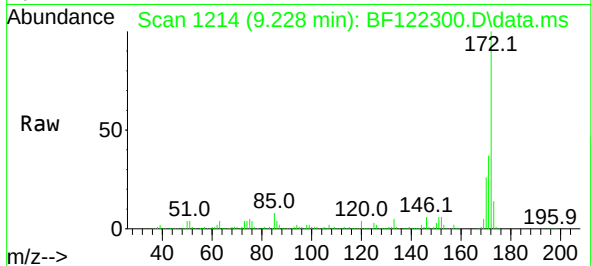
Tgt Ion:172 Resp: 2654790
Ion Ratio Lower Upper
172 100
171 37.4 29.1 43.7
170 25.5 19.8 29.6

Instrument :
BNA_F
ClientSampleId :
LOQ-WATER-02-QT4-2020

Manual Integrations
APPROVED

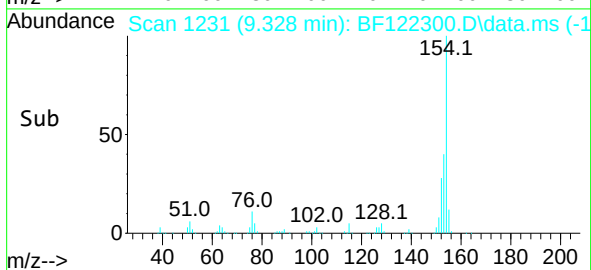
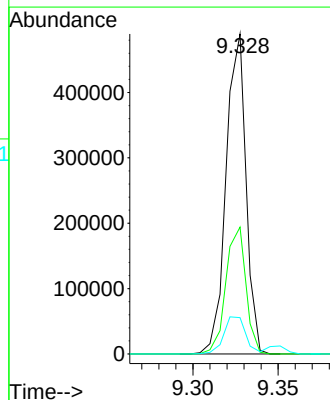
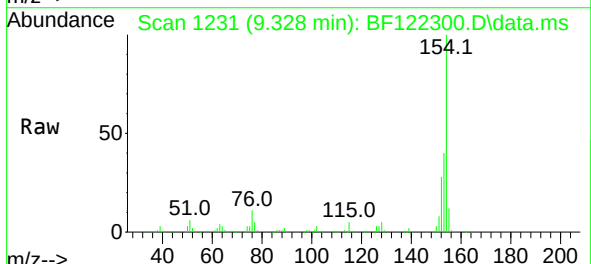
mohammad

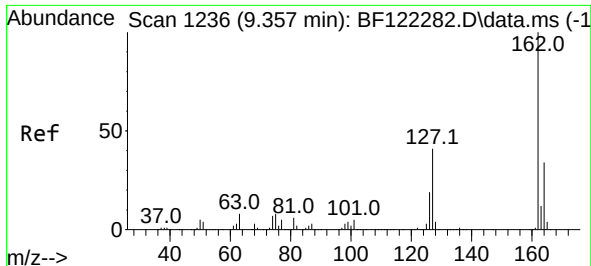
11/11/2020 10:32:18 AM



#46
1,1'-Biphenyl
Concen: 8.45 ng
RT: 9.328 min Scan# 1231
Delta R.T. -0.005 min
Lab File: BF122300.D
Acq: 10 Nov 2020 15:57

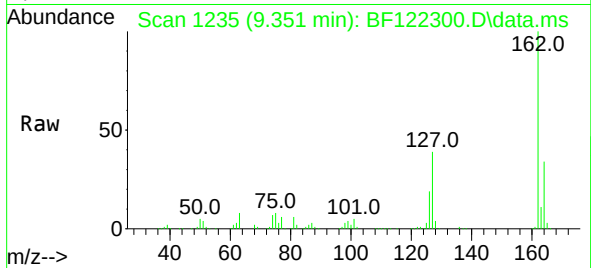
Tgt Ion:154 Resp: 397645
Ion Ratio Lower Upper
154 100
153 39.7 21.3 61.3
76 11.4 0.0 34.7





#47
2-Chloronaphthalene
Concen: 8.33 ng
RT: 9.351 min Scan# 1235
Delta R.T. -0.006 min
Lab File: BF122300.D
Acq: 10 Nov 2020 15:57

Instrument :
BNA_F
ClientSampleId :
LOQ-WATER-02-QT4-2020

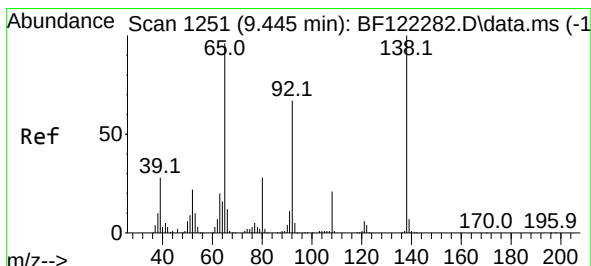
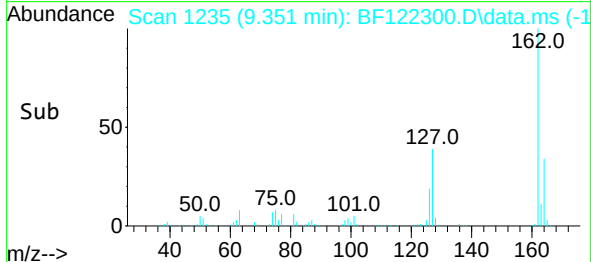
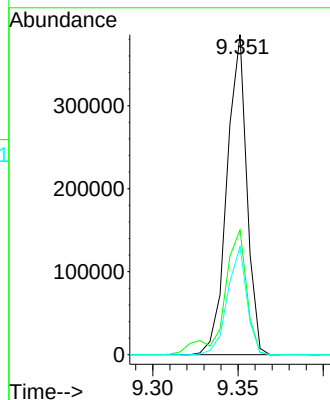


Tgt Ion:162 Resp: 310882
Ion Ratio Lower Upper
162 100
127 39.0 34.4 51.6
164 33.7 26.3 39.5

Manual Integrations
APPROVED

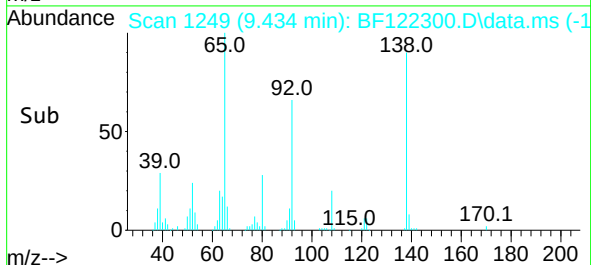
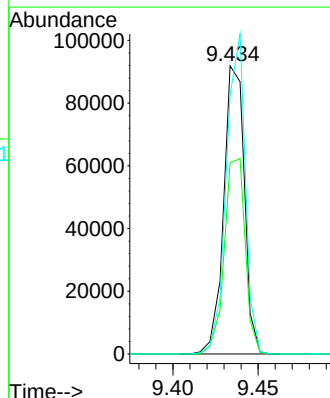
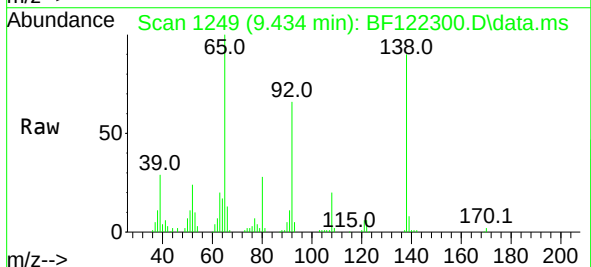
mohammad

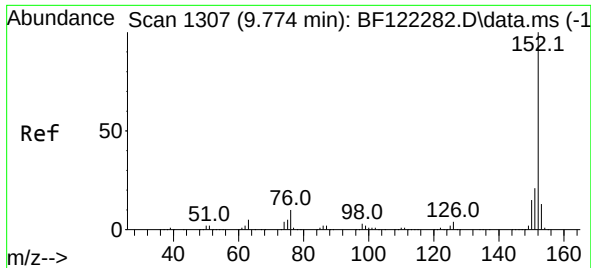
11/11/2020 10:32:18 AM



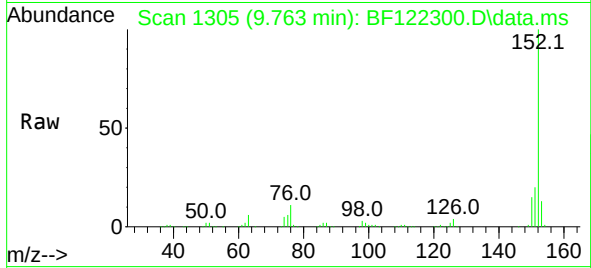
#48
2-Nitroaniline
Concen: 8.48 ng
RT: 9.434 min Scan# 1249
Delta R.T. -0.011 min
Lab File: BF122300.D
Acq: 10 Nov 2020 15:57

Tgt Ion: 65 Resp: 77750
Ion Ratio Lower Upper
65 100
92 66.4 55.1 82.7
138 90.0 80.5 120.7

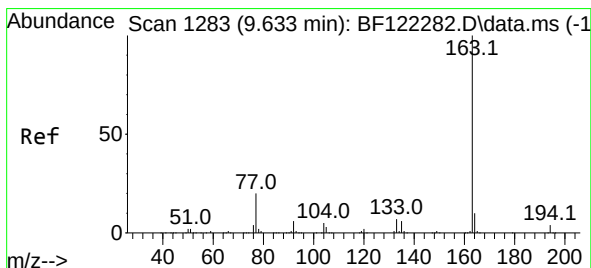
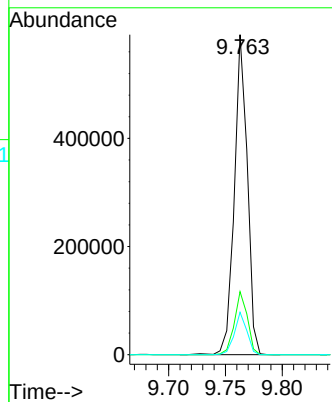
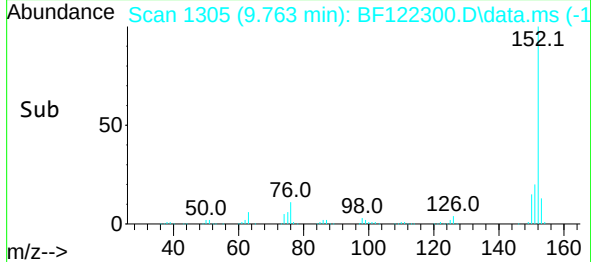




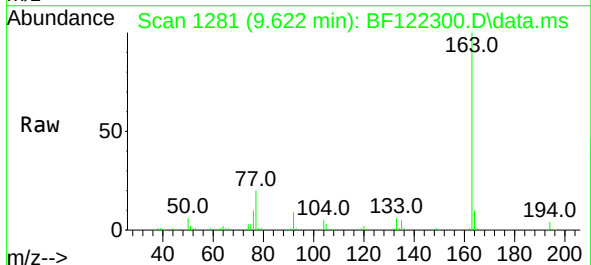
#49
Acenaphthylene
Concen: 8.16 ng
RT: 9.763 min Scan# 1305
Delta R.T. -0.011 min
Lab File: BF122300.D
Acq: 10 Nov 2020 15:57



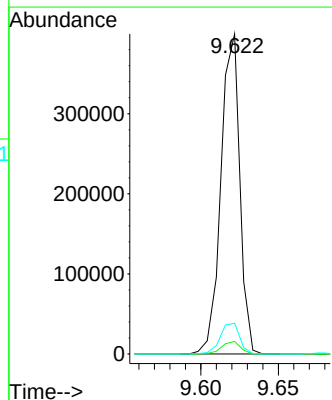
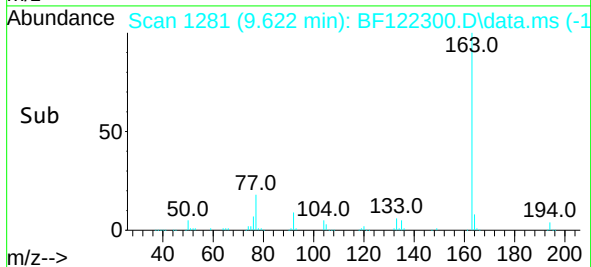
Tgt Ion:152 Resp: 468178
Ion Ratio Lower Upper
152 100
151 19.7 16.4 24.6
153 13.2 10.6 15.8



#50
Dimethylphthalate
Concen: 8.06 ng
RT: 9.622 min Scan# 1281
Delta R.T. -0.011 min
Lab File: BF122300.D
Acq: 10 Nov 2020 15:57



Tgt Ion:163 Resp: 338369
Ion Ratio Lower Upper
163 100
194 3.9 3.3 4.9
164 9.6 8.2 12.4

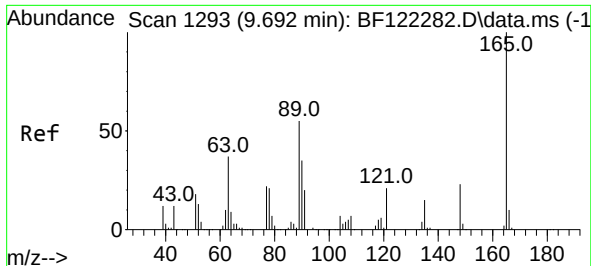


Instrument :
BNA_F
ClientSampleId :
LOQ-WATER-02-QT4-2020

Manual Integrations
APPROVED

mohammad

11/11/2020 10:32:18 AM



#51
2,6-Dinitrotoluene
Concen: 8.28 ng
RT: 9.681 min Scan# 1291
Delta R.T. -0.011 min
Lab File: BF122300.D
Acq: 10 Nov 2020 15:57

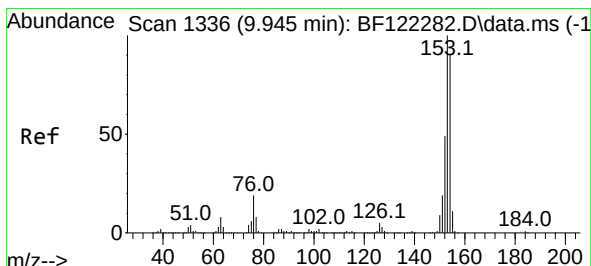
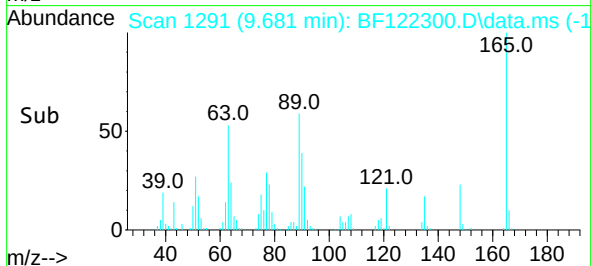
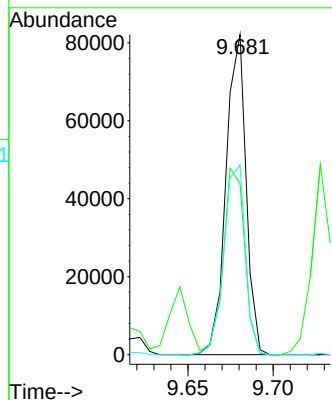
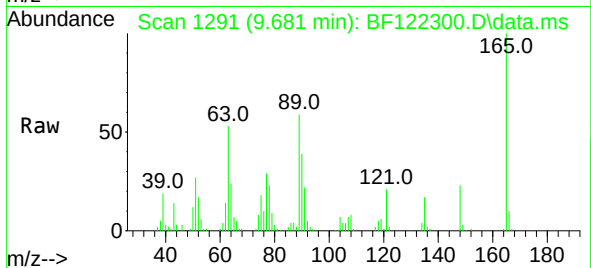
Tgt Ion:165 Resp: 67268
Ion Ratio Lower Upper
165 100
63 53.5 51.8 77.6
89 59.2 49.0 73.6

Instrument :
BNA_F
ClientSampleId :
LOQ-WATER-02-QT4-2020

Manual Integrations
APPROVED

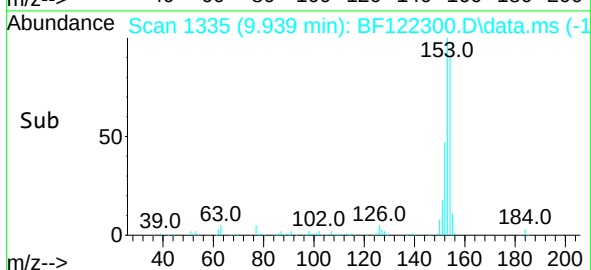
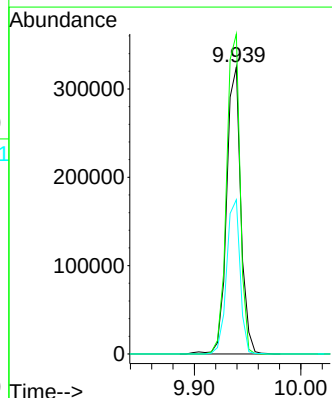
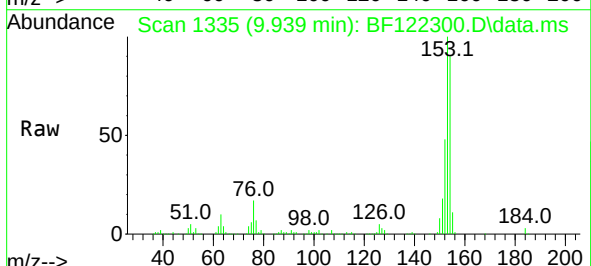
mohammad

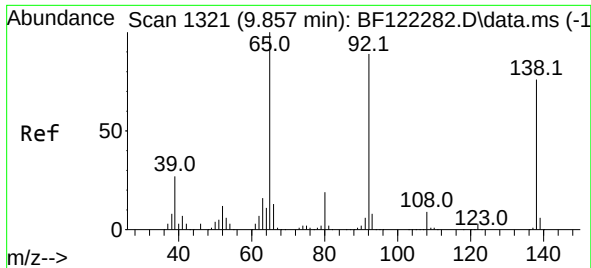
11/11/2020 10:32:18 AM



#52
Acenaphthene
Concen: 8.46 ng
RT: 9.939 min Scan# 1335
Delta R.T. -0.005 min
Lab File: BF122300.D
Acq: 10 Nov 2020 15:57

Tgt Ion:154 Resp: 300437
Ion Ratio Lower Upper
154 100
153 111.5 89.8 134.8
152 53.7 43.2 64.8





#53
3-Nitroaniline
Concen: 8.19 ng
RT: 9.845 min Scan# 1319
Delta R.T. -0.012 min
Lab File: BF122300.D
Acq: 10 Nov 2020 15:57

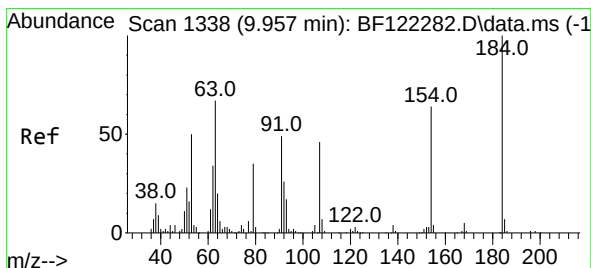
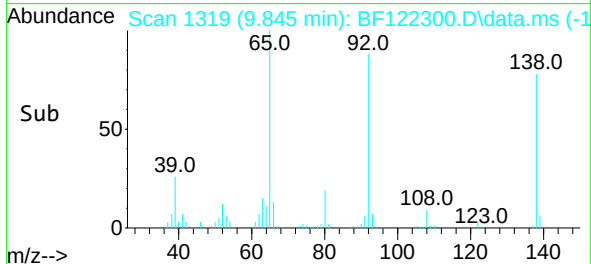
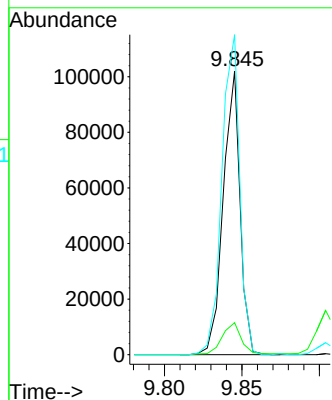
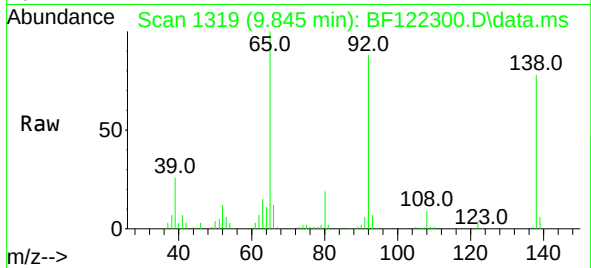
Tgt Ion:138 Resp: 76866
Ion Ratio Lower Upper
138 100
108 11.3 8.6 13.0
92 112.9 96.6 144.8

Instrument :
BNA_F
ClientSampleId :
LOQ-WATER-02-QT4-2020

Manual Integrations
APPROVED

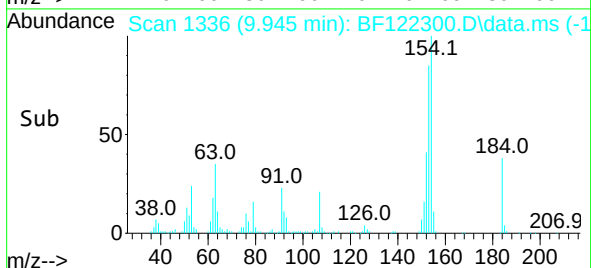
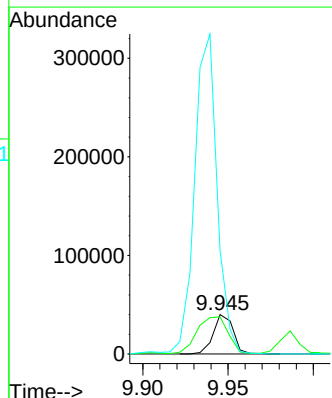
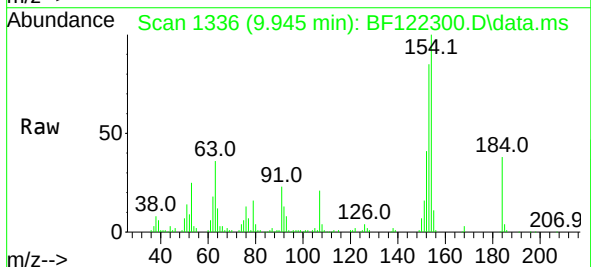
mohammad

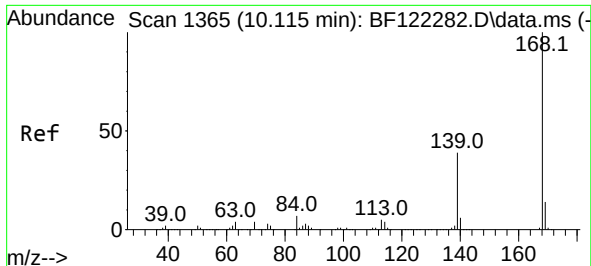
11/11/2020 10:32:18 AM



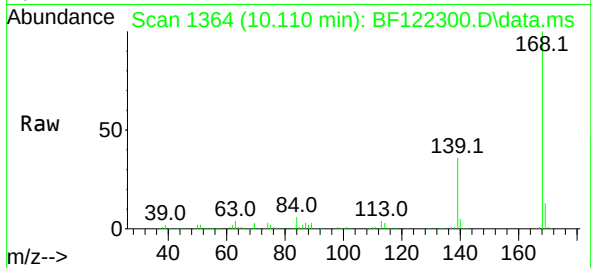
#54
2,4-Dinitrophenol
Concen: 13.05 ng
RT: 9.945 min Scan# 1336
Delta R.T. -0.012 min
Lab File: BF122300.D
Acq: 10 Nov 2020 15:57

Tgt Ion:184 Resp: 32390
Ion Ratio Lower Upper
184 100
63 94.3 45.9 68.9#
154 262.5 45.8 68.6#

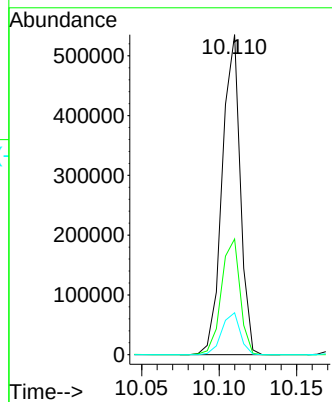
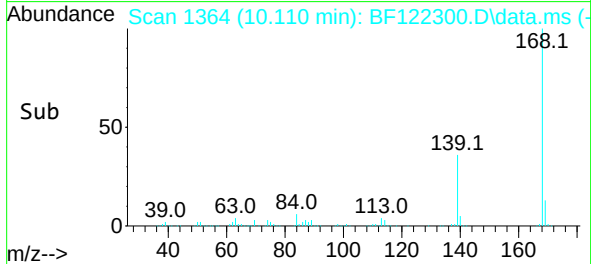




#55
Dibenzenofuran
Concen: 8.33 ng
RT: 10.110 min Scan# 1364
Delta R.T. -0.005 min
Lab File: BF122300.D
Acq: 10 Nov 2020 15:57



Tgt Ion:168 Resp: 433613
Ion Ratio Lower Upper
168 100
139 36.2 31.0 46.6
169 13.1 11.3 16.9

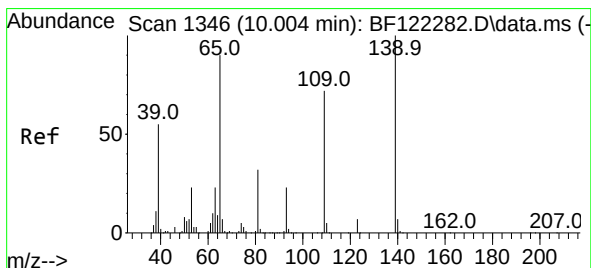


Instrument :
BNA_F
ClientSampleId :
LOQ-WATER-02-QT4-2020

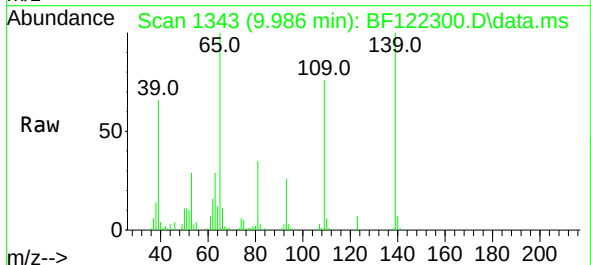
Manual Integrations
APPROVED

mohammad

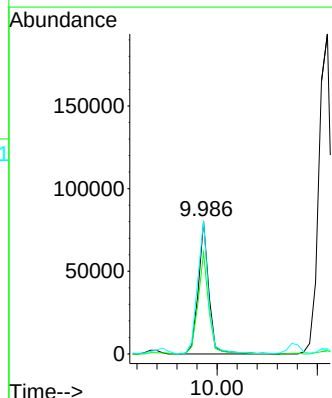
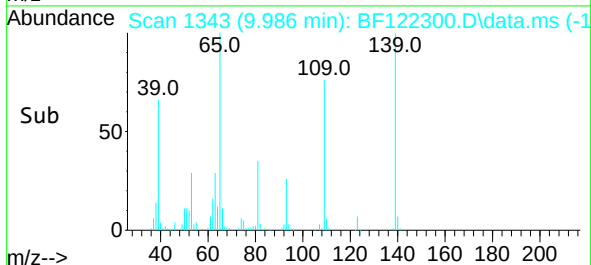
11/11/2020 10:32:18 AM

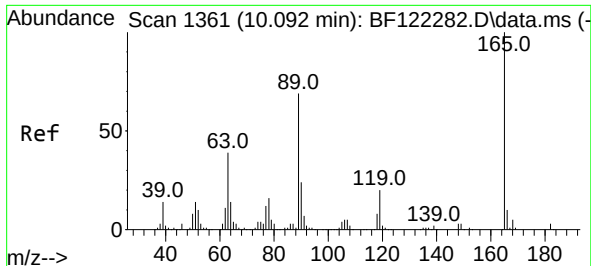


#56
4-Nitrophenol
Concen: 7.30 ng
RT: 9.986 min Scan# 1343
Delta R.T. -0.018 min
Lab File: BF122300.D
Acq: 10 Nov 2020 15:57



Tgt Ion:139 Resp: 58508
Ion Ratio Lower Upper
139 100
109 76.3 45.4 85.4
65 100.3 68.4 108.4





#57
2,4-Dinitrotoluene
Concen: 8.41 ng
RT: 10.081 min Scan# 1359
Delta R.T. -0.011 min
Lab File: BF122300.D
Acq: 10 Nov 2020 15:57

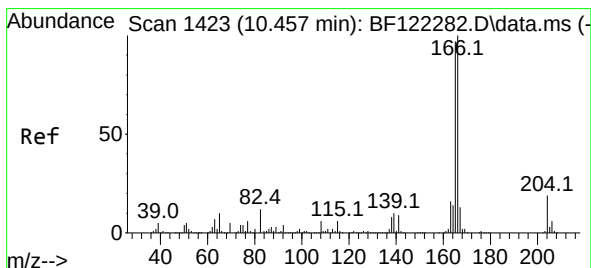
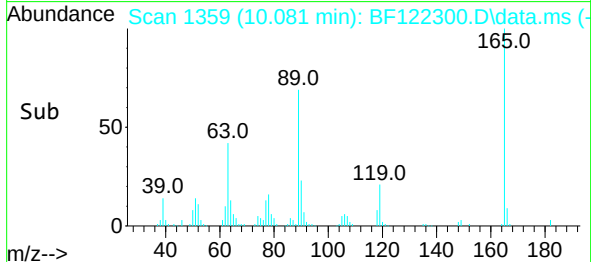
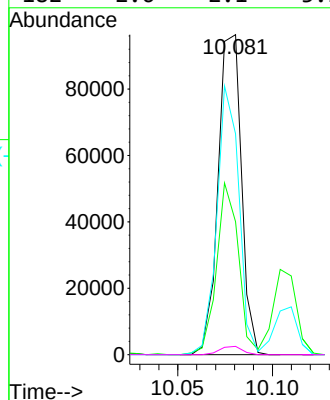
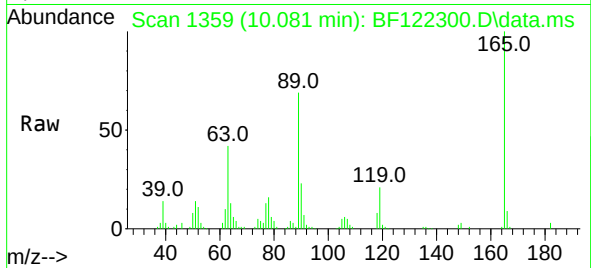
Tgt Ion:	165	Resp:	82631
Ion Ratio	Lower	Upper	
165	100		
63	41.6	41.3	61.9
89	69.0	61.8	92.8
182	2.6	2.1	3.1

Instrument :
BNA_F
ClientSampleId :
LOQ-WATER-02-QT4-2020

Manual Integrations
APPROVED

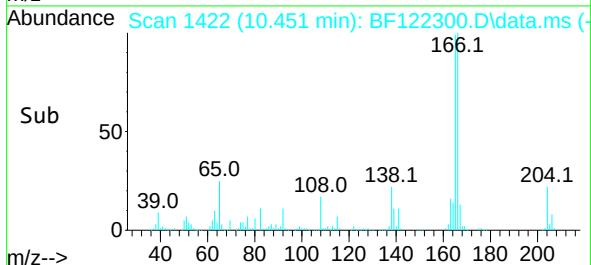
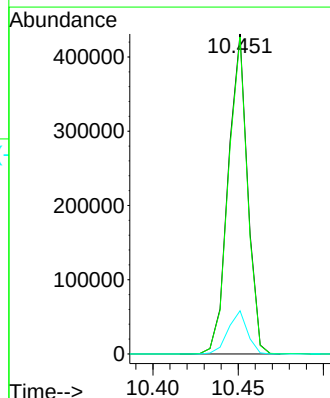
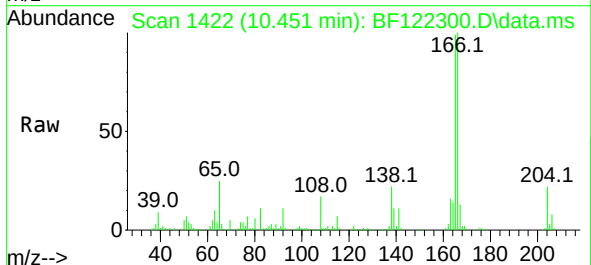
mohammad

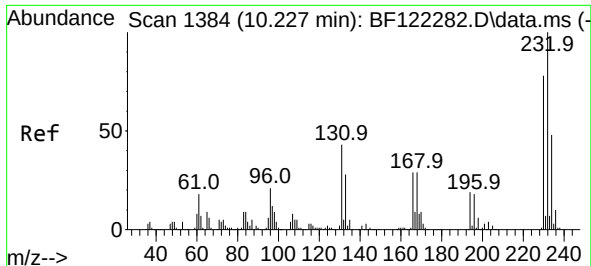
11/11/2020 10:32:18 AM



#58
Fluorene
Concen: 8.51 ng
RT: 10.451 min Scan# 1422
Delta R.T. -0.005 min
Lab File: BF122300.D
Acq: 10 Nov 2020 15:57

Tgt Ion:	166	Resp:	338924
Ion Ratio	Lower	Upper	
166	100		
165	99.0	79.1	118.7
167	13.5	11.0	16.6





#59
2,3,4,6-Tetrachlorophenol
Concen: 7.90 ng
RT: 10.222 min Scan# 1383
Delta R.T. -0.005 min
Lab File: BF122300.D
Acq: 10 Nov 2020 15:57

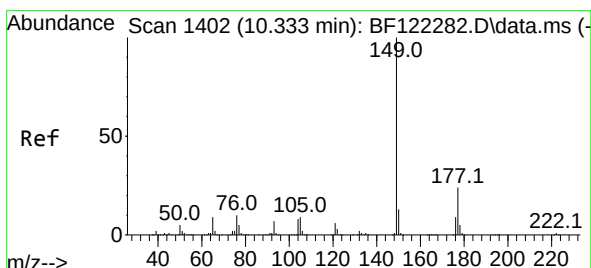
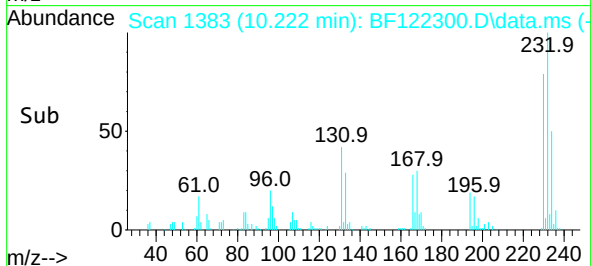
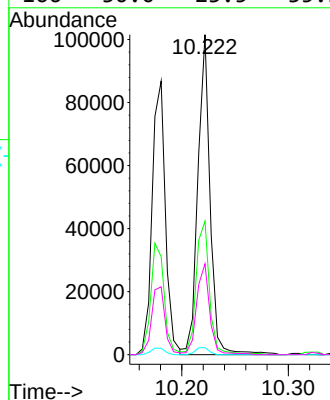
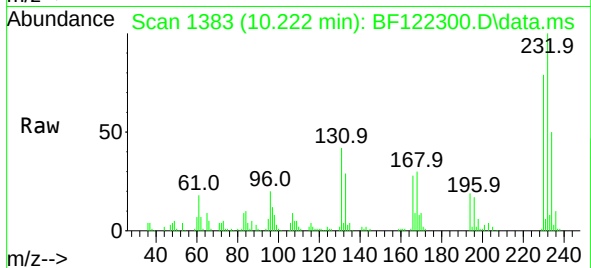
Tgt Ion:232 Resp: 81464
Ion Ratio Lower Upper
232 100
131 45.6 35.9 53.9
130 2.5 1.8 2.6
166 30.0 23.5 35.3

Instrument :
BNA_F
ClientSampleId :
LOQ-WATER-02-QT4-2020

Manual Integrations
APPROVED

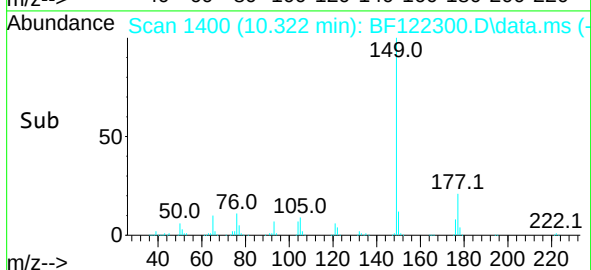
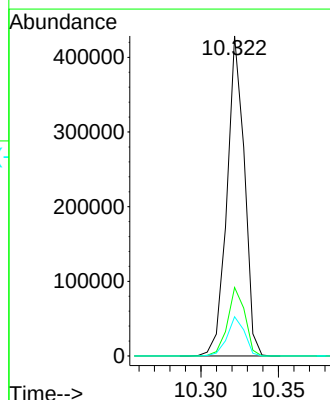
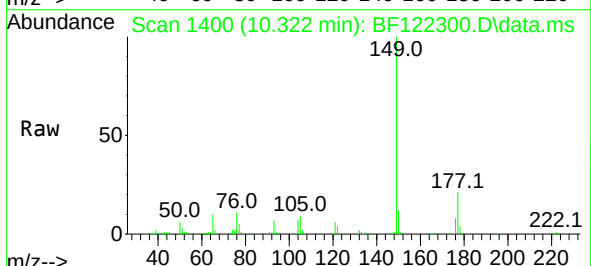
mohammad

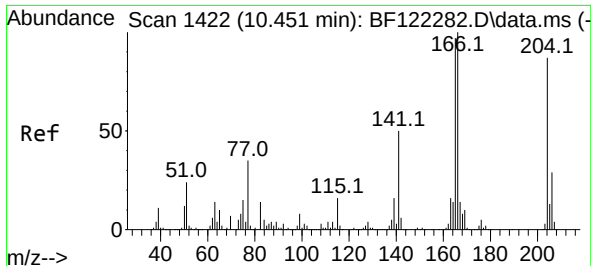
11/11/2020 10:32:18 AM



#60
Diethylphthalate
Concen: 8.11 ng
RT: 10.322 min Scan# 1400
Delta R.T. -0.011 min
Lab File: BF122300.D
Acq: 10 Nov 2020 15:57

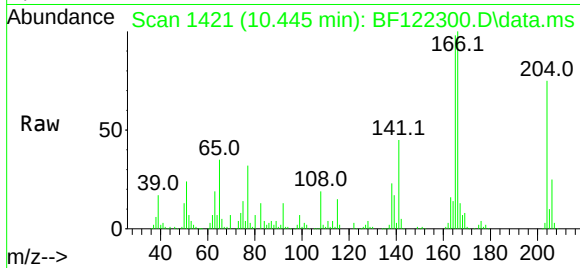
Tgt Ion:149 Resp: 334064
Ion Ratio Lower Upper
149 100
177 21.4 18.1 27.1
150 12.2 10.3 15.5





#61
4-Chlorophenyl-phenylether
Concen: 8.54 ng
RT: 10.445 min Scan# 1421
Delta R.T. -0.005 min
Lab File: BF122300.D
Acq: 10 Nov 2020 15:57

Instrument :
BNA_F
ClientSampleId :
LOQ-WATER-02-QT4-2020

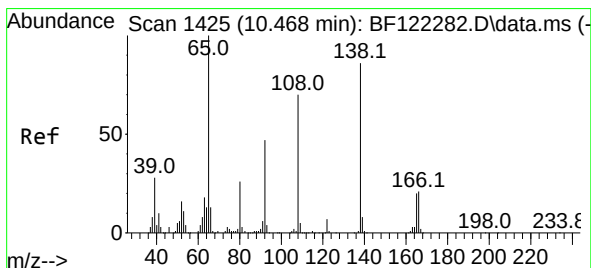
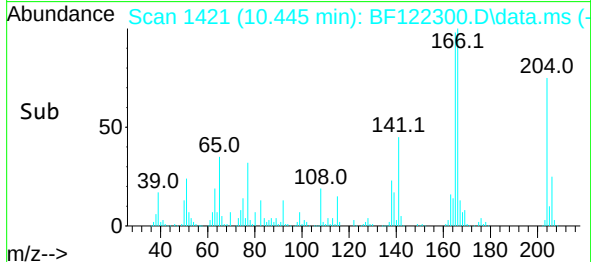
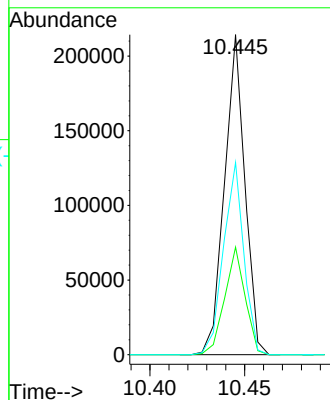


Tgt Ion:204 Resp: 160680
Ion Ratio Lower Upper
204 100
206 33.6 26.0 39.0
141 60.1 46.2 69.4

Manual Integrations
APPROVED

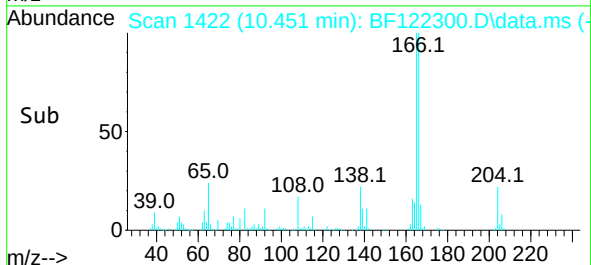
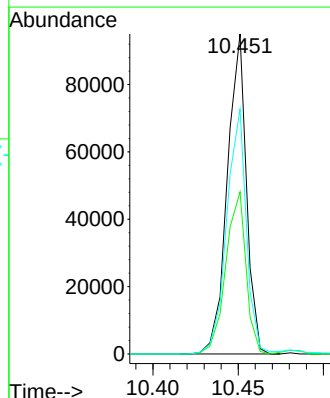
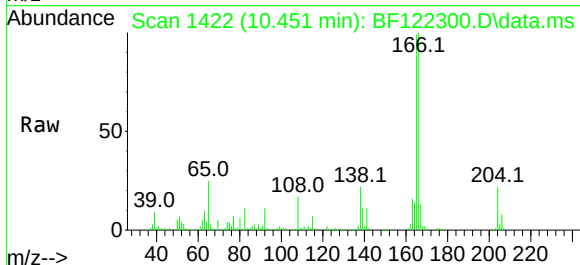
mohammad

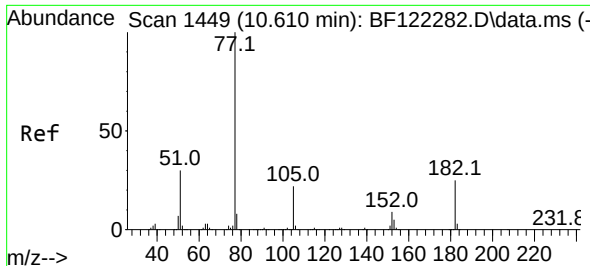
11/11/2020 10:32:18 AM



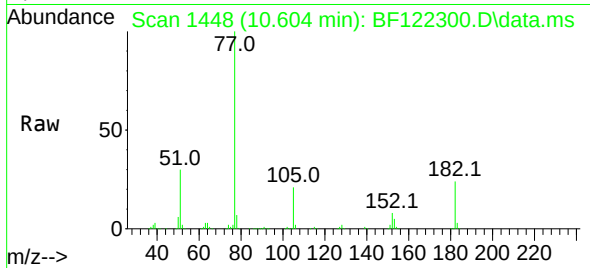
#62
4-Nitroaniline
Concen: 8.02 ng
RT: 10.451 min Scan# 1422
Delta R.T. -0.017 min
Lab File: BF122300.D
Acq: 10 Nov 2020 15:57

Tgt Ion:138 Resp: 74042
Ion Ratio Lower Upper
138 100
92 50.7 31.0 71.0
108 76.5 51.5 91.5

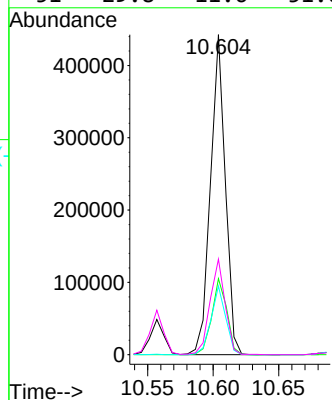




#63
Azobenzene
Concen: 8.08 ng
RT: 10.604 min Scan# 1448
Delta R.T. -0.005 min
Lab File: BF122300.D
Acq: 10 Nov 2020 15:57



Tgt Ion: 77 Resp: 349094
Ion Ratio Lower Upper
77 100
182 23.8 3.4 43.4
105 21.5 1.7 41.7
51 29.8 11.6 51.6

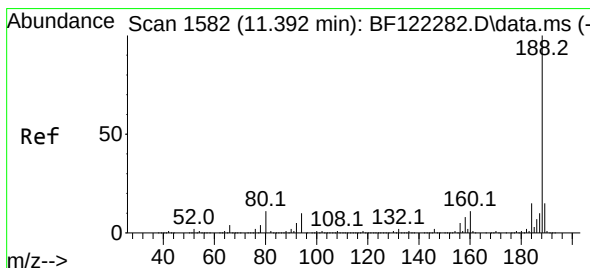


Instrument :
BNA_F
ClientSampleId :
LOQ-WATER-02-QT4-2020

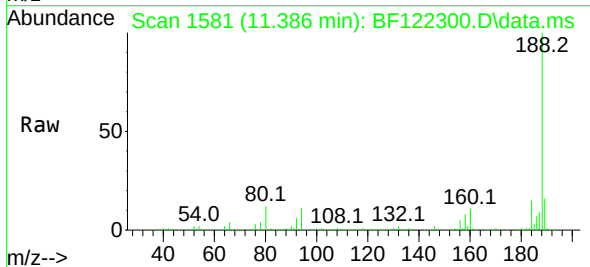
Manual Integrations
APPROVED

mohammad

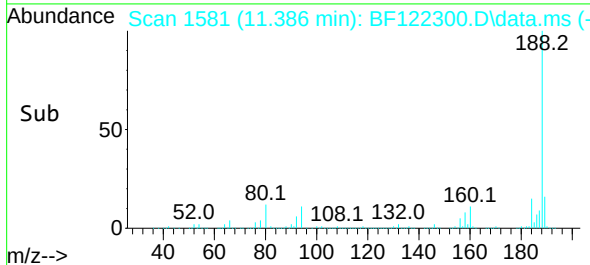
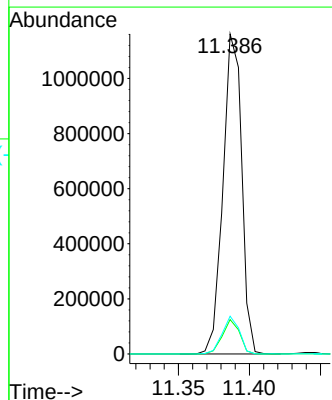
11/11/2020 10:32:18 AM

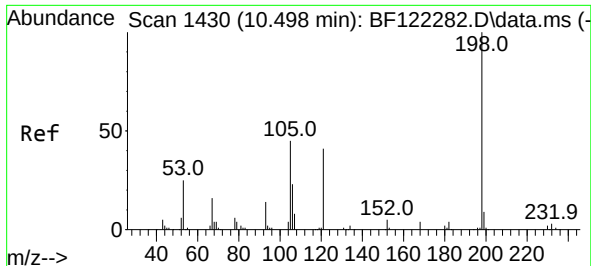


#64
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.386 min Scan# 1581
Delta R.T. -0.006 min
Lab File: BF122300.D
Acq: 10 Nov 2020 15:57



Tgt Ion: 188 Resp: 1061786
Ion Ratio Lower Upper
188 100
94 10.8 8.3 12.5
80 11.8 9.1 13.7





#65
4,6-Dinitro-2-methylphenol
Concen: 6.34 ng
RT: 10.486 min Scan# 1428
Delta R.T. -0.012 min
Lab File: BF122300.D
Acq: 10 Nov 2020 15:57

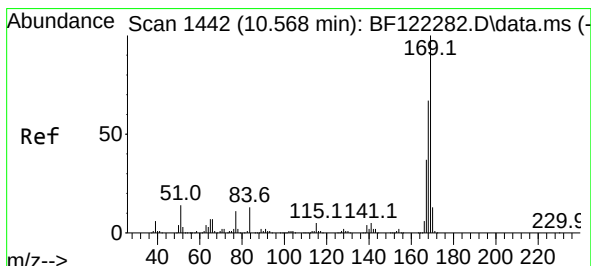
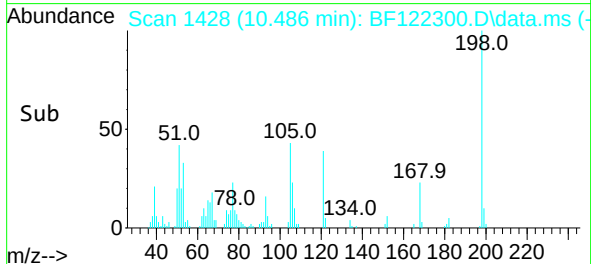
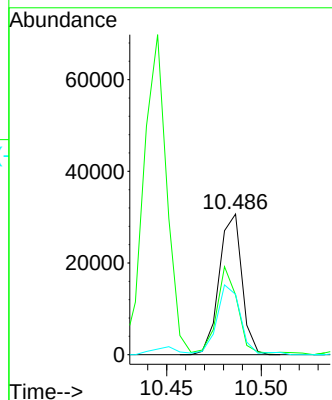
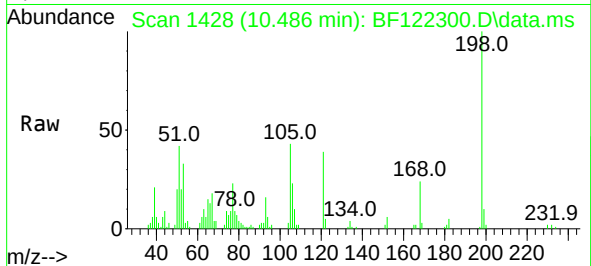
Tgt Ion:198 Resp: 25587
Ion Ratio Lower Upper
198 100
51 42.4 29.6 69.6
105 42.9 24.4 64.4

Instrument :
BNA_F
ClientSampleId :
LOQ-WATER-02-QT4-2020

Manual Integrations
APPROVED

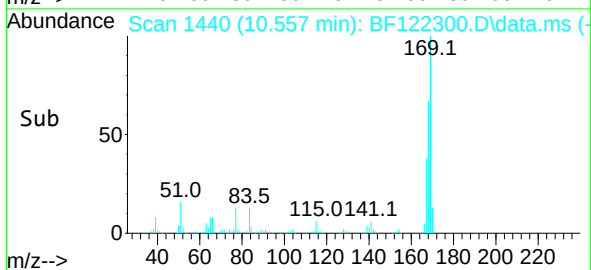
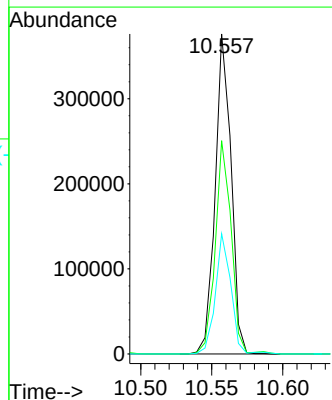
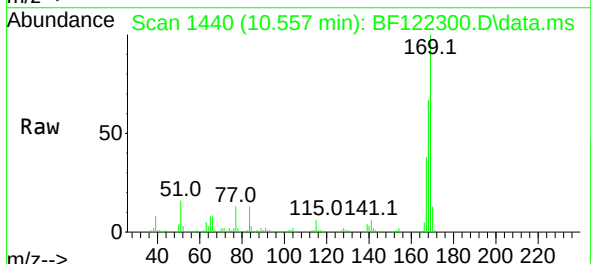
mohammad

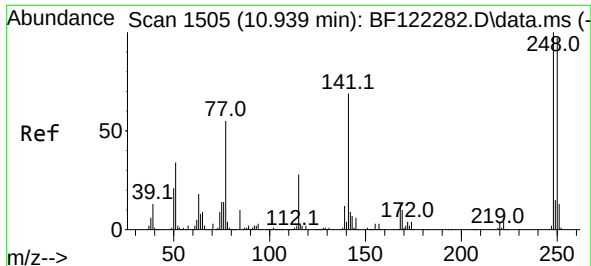
11/11/2020 10:32:18 AM



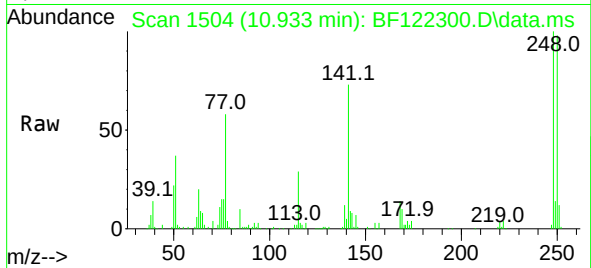
#66
n-Nitrosodiphenylamine
Concen: 8.10 ng
RT: 10.557 min Scan# 1440
Delta R.T. -0.011 min
Lab File: BF122300.D
Acq: 10 Nov 2020 15:57

Tgt Ion:169 Resp: 292905
Ion Ratio Lower Upper
169 100
168 66.7 50.0 75.0
167 37.6 27.8 41.6

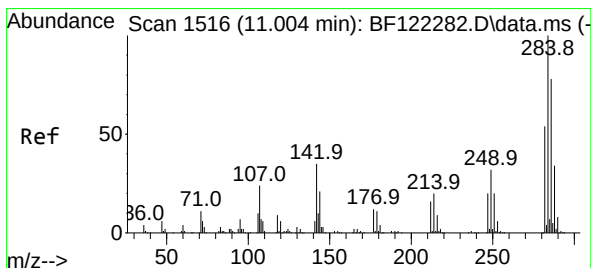
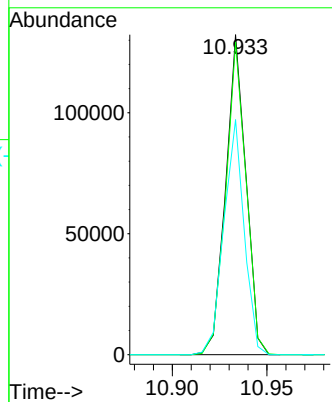
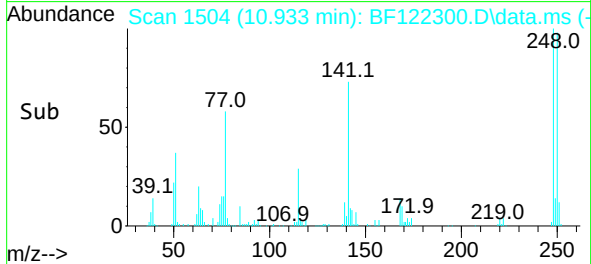




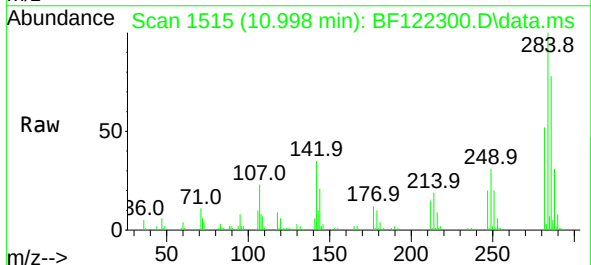
#67
4-Bromophenyl-phenylether
Concen: 7.93 ng
RT: 10.933 min Scan# 1504
Delta R.T. -0.006 min
Lab File: BF122300.D
Acq: 10 Nov 2020 15:57



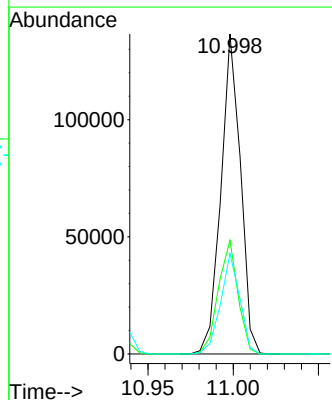
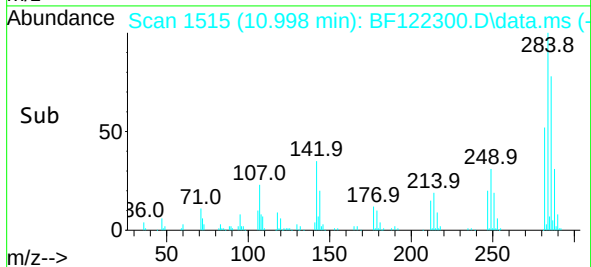
Tgt Ion:248 Resp: 98952
Ion Ratio Lower Upper
248 100
250 97.7 77.0 115.6
141 73.5 53.7 80.5



#68
Hexachlorobenzene
Concen: 8.07 ng
RT: 10.998 min Scan# 1515
Delta R.T. -0.005 min
Lab File: BF122300.D
Acq: 10 Nov 2020 15:57



Tgt Ion:284 Resp: 108814
Ion Ratio Lower Upper
284 100
142 35.5 27.4 41.2
249 31.4 24.2 36.4

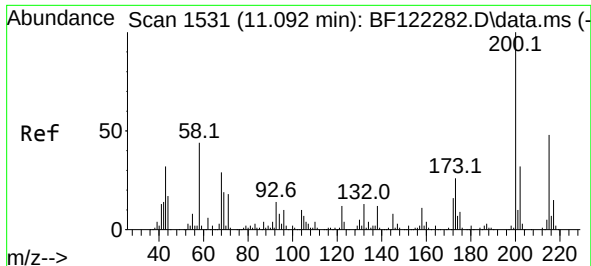


Instrument :
BNA_F
ClientSampleId :
LOQ-WATER-02-QT4-2020

Manual Integrations
APPROVED

mohammad

11/11/2020 10:32:18 AM



#69
Atrazine
Concen: 9.14 ng
RT: 11.080 min Scan# 1529
Delta R.T. -0.011 min
Lab File: BF122300.D
Acq: 10 Nov 2020 15:57

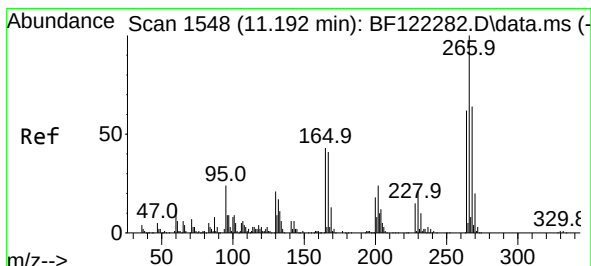
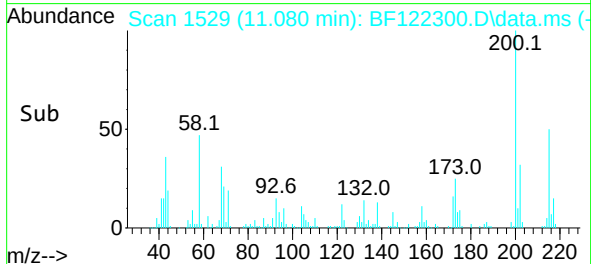
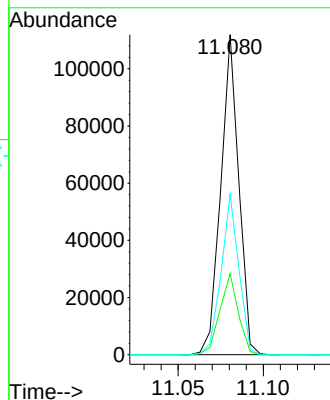
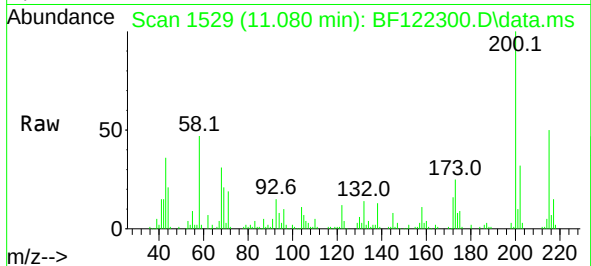
Tgt Ion:200 Resp: 82353
Ion Ratio Lower Upper
200 100
173 25.3 7.5 47.5
215 50.2 27.1 67.1

Instrument :
BNA_F
ClientSampleId :
LOQ-WATER-02-QT4-2020

Manual Integrations
APPROVED

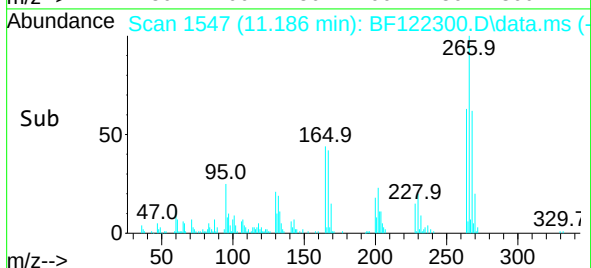
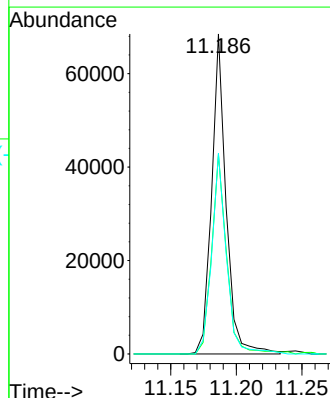
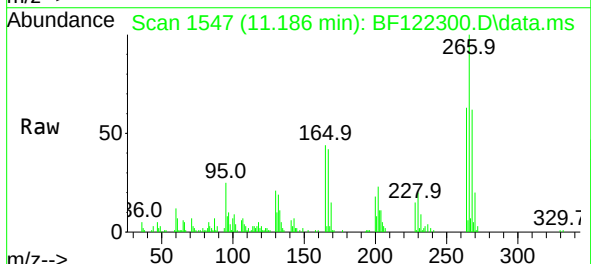
mohammad

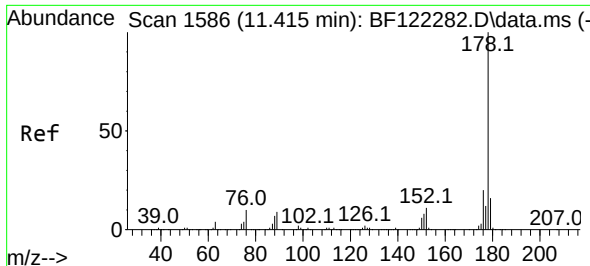
11/11/2020 10:32:18 AM



#70
Pentachlorophenol
Concen: 6.78 ng
RT: 11.186 min Scan# 1547
Delta R.T. -0.006 min
Lab File: BF122300.D
Acq: 10 Nov 2020 15:57

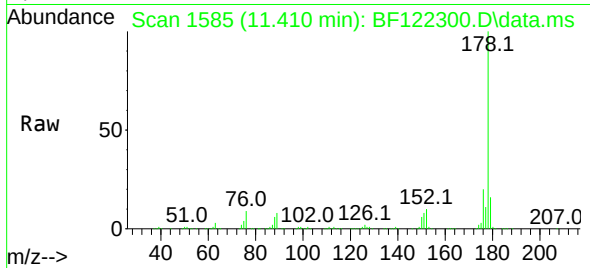
Tgt Ion:266 Resp: 52653
Ion Ratio Lower Upper
266 100
268 62.4 52.4 78.6
264 62.7 49.9 74.9





#71
Phenanthrene
Concen: 8.46 ng
RT: 11.410 min Scan# 1585
Delta R.T. -0.005 min
Lab File: BF122300.D
Acq: 10 Nov 2020 15:57

Instrument :
BNA_F
ClientSampleId :
LOQ-WATER-02-QT4-2020

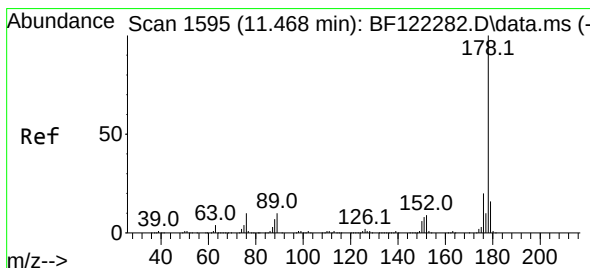
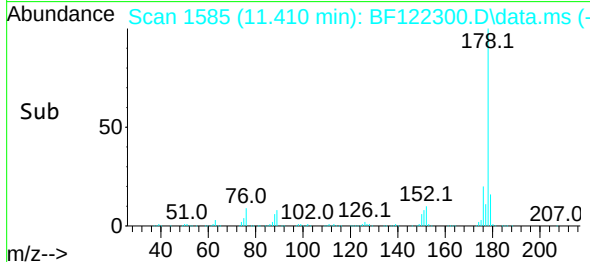
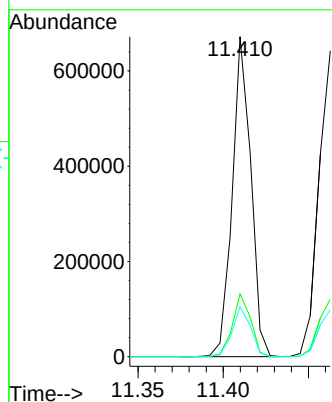


Tgt Ion:178 Resp: 509870
Ion Ratio Lower Upper
178 100
176 19.6 15.9 23.9
179 15.6 12.2 18.4

Manual Integrations
APPROVED

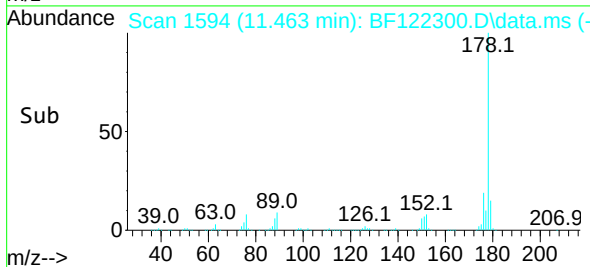
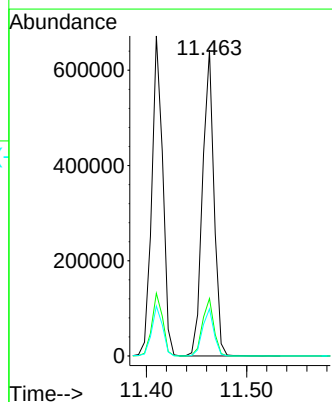
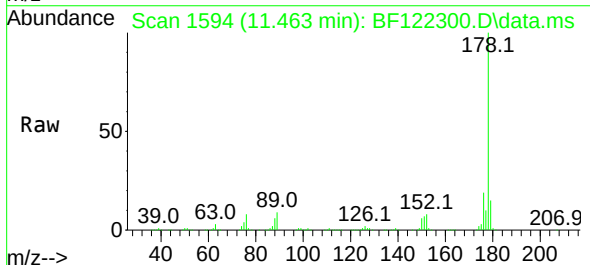
mohammad

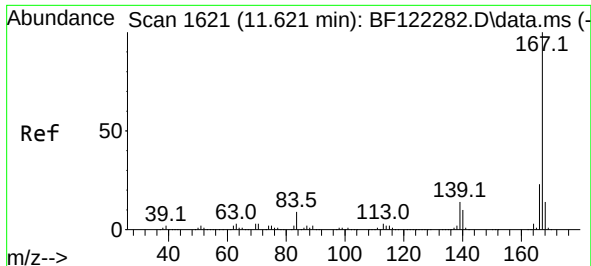
11/11/2020 10:32:18 AM



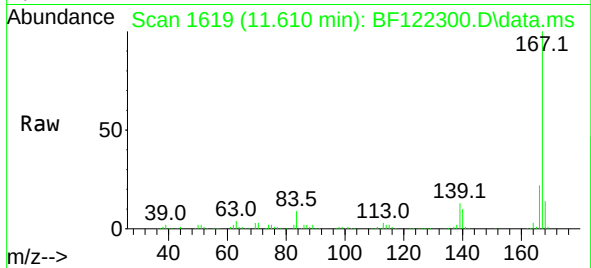
#72
Anthracene
Concen: 8.25 ng
RT: 11.463 min Scan# 1594
Delta R.T. -0.005 min
Lab File: BF122300.D
Acq: 10 Nov 2020 15:57

Tgt Ion:178 Resp: 512110
Ion Ratio Lower Upper
178 100
176 18.8 15.7 23.5
179 15.4 12.7 19.1

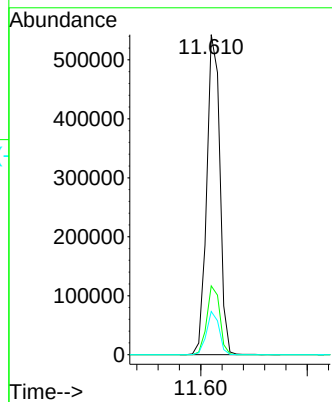
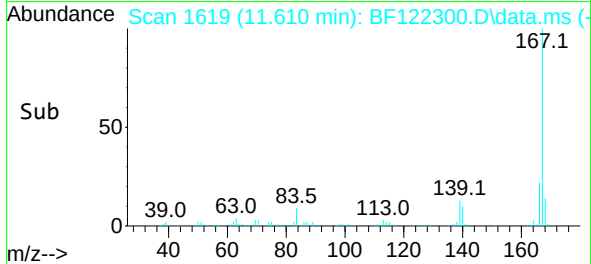




#73
 Carbazole
 Concen: 8.24 ng
 RT: 11.610 min Scan# 1619
 Delta R.T. -0.011 min
 Lab File: BF122300.D
 Acq: 10 Nov 2020 15:57



Tgt Ion:167 Resp: 465550
 Ion Ratio Lower Upper
 167 100
 166 21.5 17.8 26.6
 139 13.5 10.8 16.2

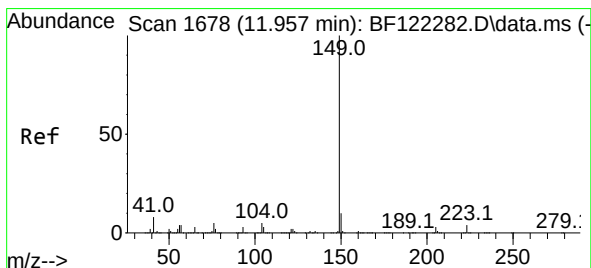


Instrument :
 BNA_F
 ClientSampleId :
 LOQ-WATER-02-QT4-2020

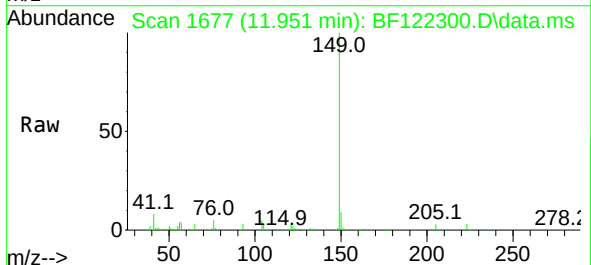
Manual Integrations
 APPROVED

mohammad

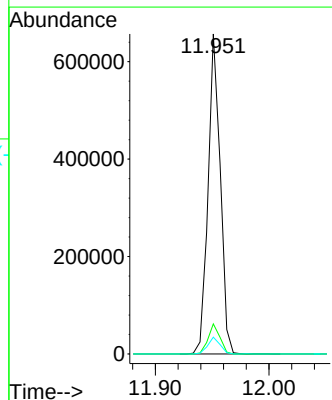
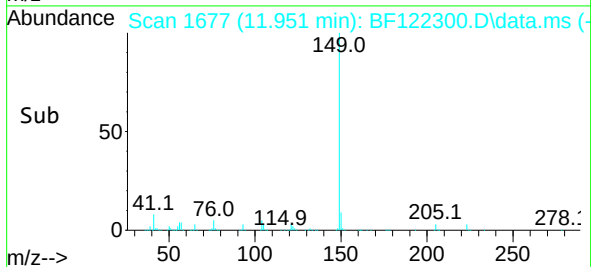
11/11/2020 10:32:18 AM

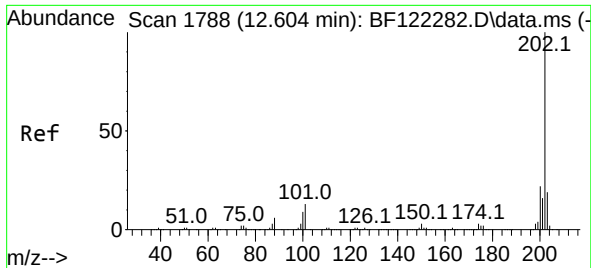


#74
 Di-n-butylphthalate
 Concen: 8.08 ng
 RT: 11.951 min Scan# 1677
 Delta R.T. -0.006 min
 Lab File: BF122300.D
 Acq: 10 Nov 2020 15:57

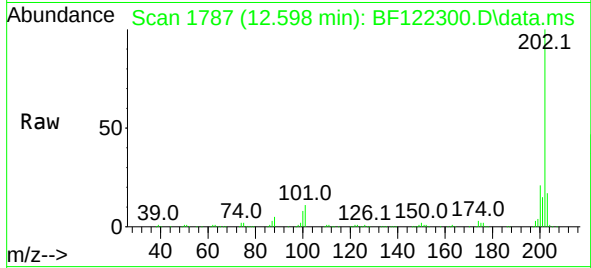


Tgt Ion:149 Resp: 486636
 Ion Ratio Lower Upper
 149 100
 150 9.4 7.7 11.5
 104 5.3 4.2 6.2

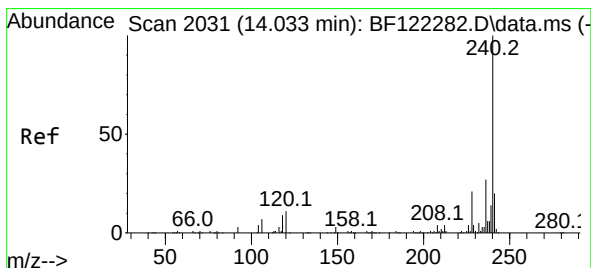
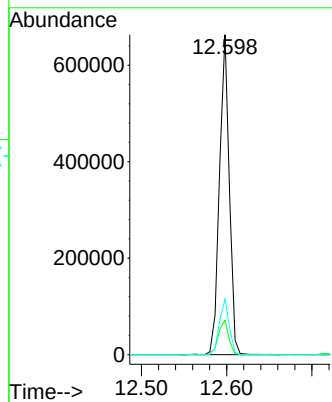
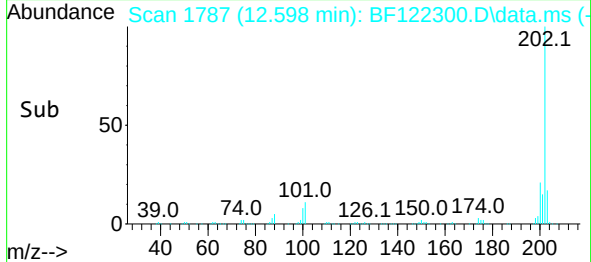




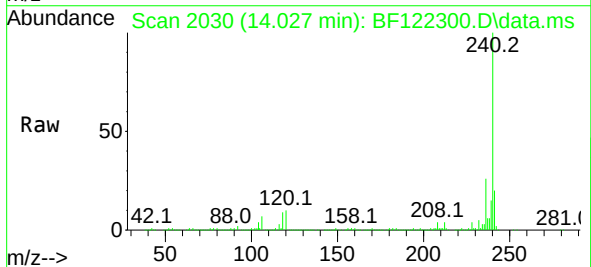
#75
Fluoranthene
Concen: 8.42 ng
RT: 12.598 min Scan# 1787
Delta R.T. -0.006 min
Lab File: BF122300.D
Acq: 10 Nov 2020 15:57



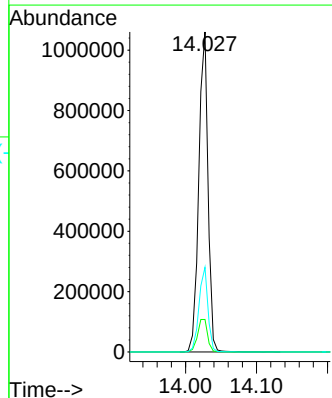
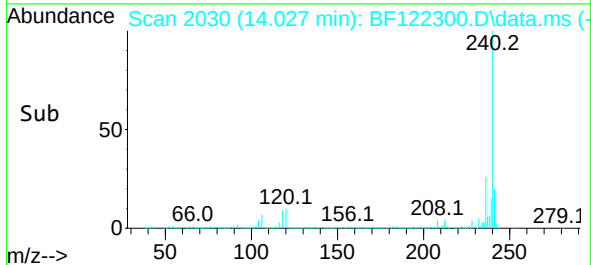
Tgt Ion:202 Resp: 529368
Ion Ratio Lower Upper
202 100
101 10.8 0.0 33.4
203 17.3 0.0 37.9



#76
Chrysene-d12
Concen: 20.00 ng
RT: 14.027 min Scan# 2030
Delta R.T. -0.006 min
Lab File: BF122300.D
Acq: 10 Nov 2020 15:57



Tgt Ion:240 Resp: 958760
Ion Ratio Lower Upper
240 100
120 10.1 9.2 13.8
236 26.5 20.9 31.3

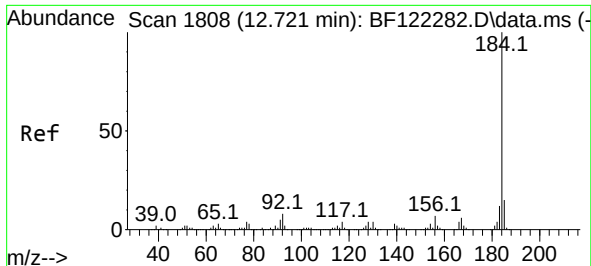


Instrument :
BNA_F
ClientSampleId :
LOQ-WATER-02-QT4-2020

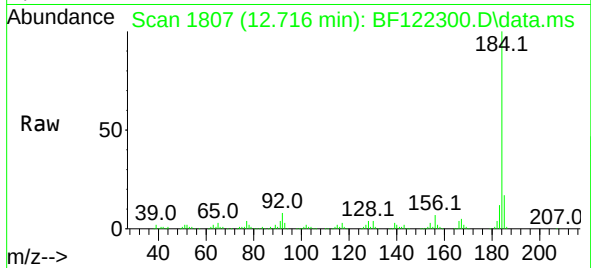
Manual Integrations
APPROVED

mohammad

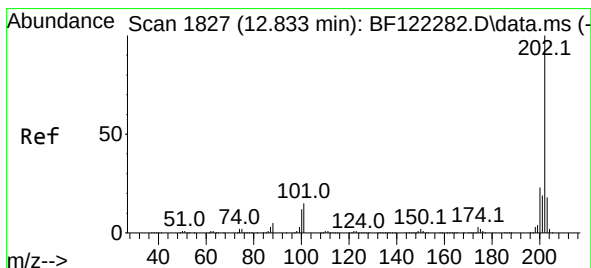
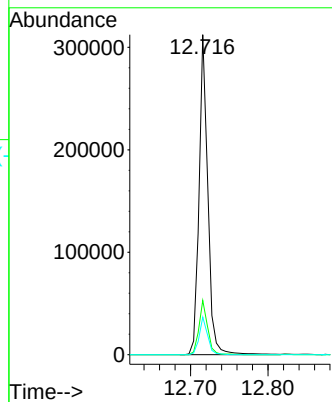
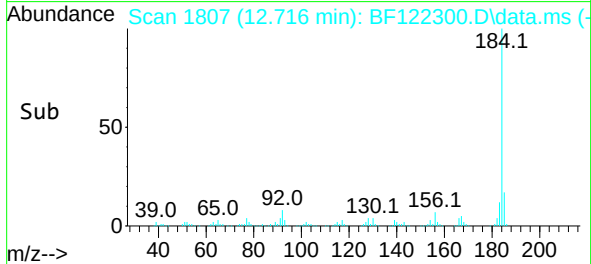
11/11/2020 10:32:18 AM



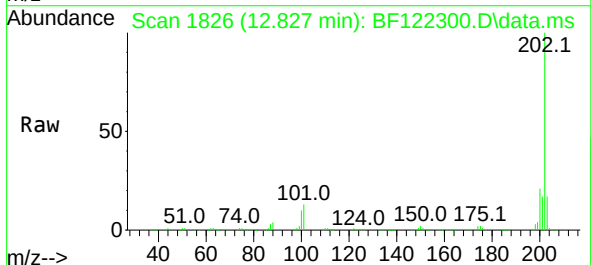
#77
Benzidine
Concen: 9.23 ng
RT: 12.716 min Scan# 1807
Delta R.T. -0.005 min
Lab File: BF122300.D
Acq: 10 Nov 2020 15:57



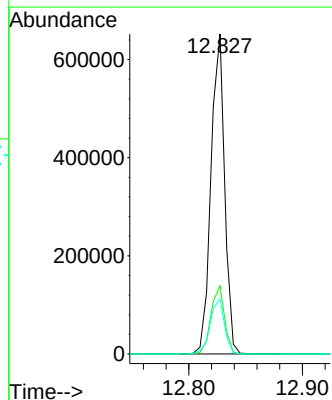
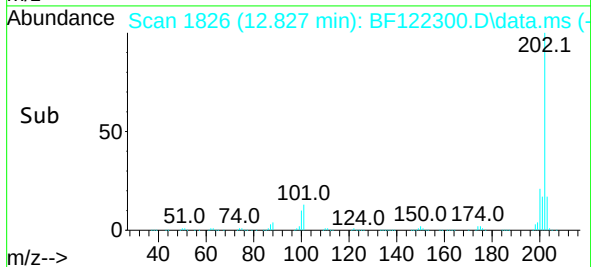
Tgt Ion:184 Resp: 245534
Ion Ratio Lower Upper
184 100
185 16.9 11.6 17.4
183 11.7 9.4 14.0



#78
Pyrene
Concen: 8.05 ng
RT: 12.827 min Scan# 1826
Delta R.T. -0.005 min
Lab File: BF122300.D
Acq: 10 Nov 2020 15:57



Tgt Ion:202 Resp: 542486
Ion Ratio Lower Upper
202 100
200 21.3 17.4 26.2
203 17.2 14.6 21.8

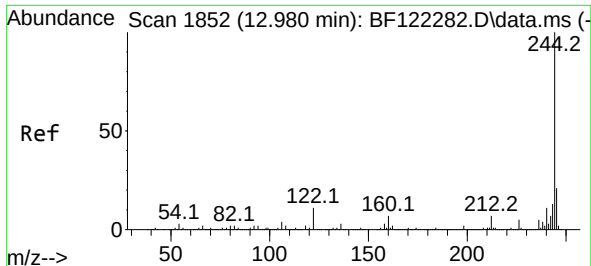


Instrument :
BNA_F
ClientSampleId :
LOQ-WATER-02-QT4-2020

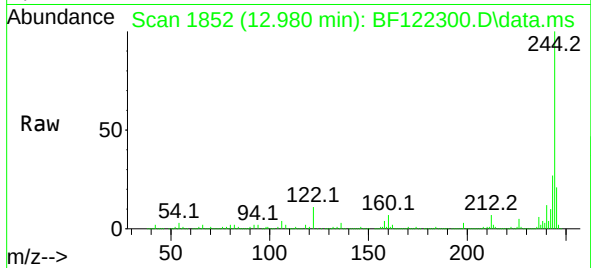
Manual Integrations
APPROVED

mohammad

11/11/2020 10:32:18 AM

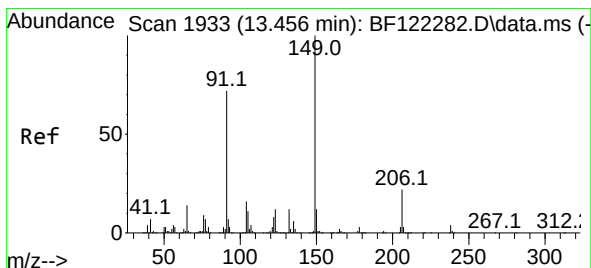
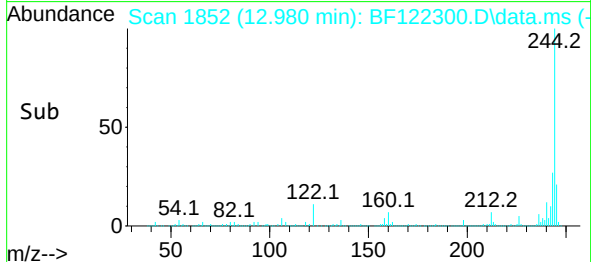
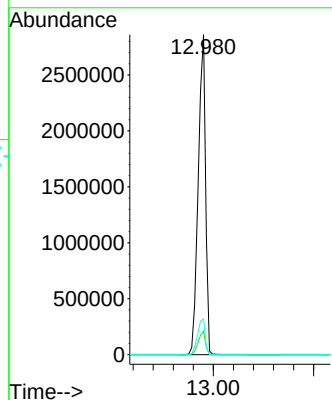


#79
 Terphenyl-d14
 Concen: 63.78 ng
 RT: 12.980 min Scan# 1852
 Delta R.T. 0.000 min
 Lab File: BF122300.D
 Acq: 10 Nov 2020 15:57



Tgt Ion:244 Resp: 2886510

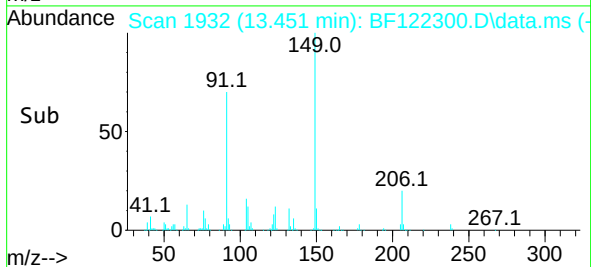
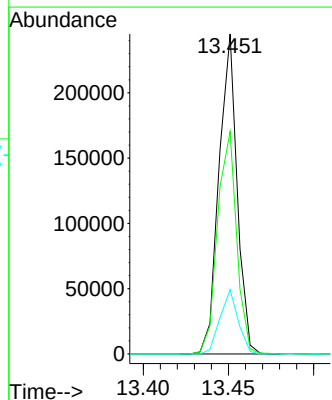
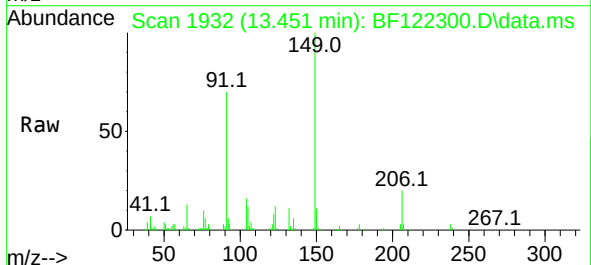
Ion	Ratio	Lower	Upper
244	100		
212	7.4	5.4	8.2
122	11.2	8.1	12.1



#80
 Butylbenzylphthalate
 Concen: 7.50 ng
 RT: 13.451 min Scan# 1932
 Delta R.T. -0.005 min
 Lab File: BF122300.D
 Acq: 10 Nov 2020 15:57

Tgt Ion:149 Resp: 181560

Ion	Ratio	Lower	Upper
149	100		
91	69.5	61.0	91.4
206	20.1	16.7	25.1

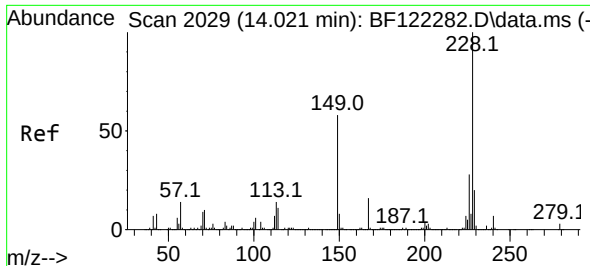


Instrument :
 BNA_F
 ClientSampleId :
 LOQ-WATER-02-QT4-2020

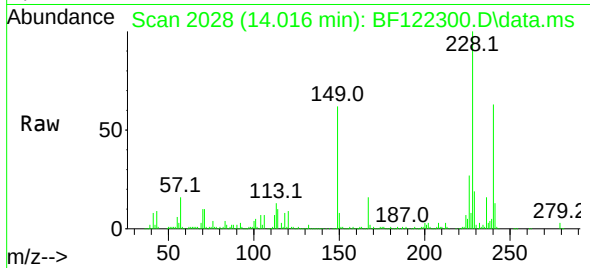
Manual Integrations
 APPROVED

mohammad

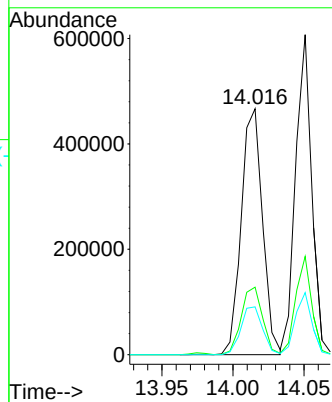
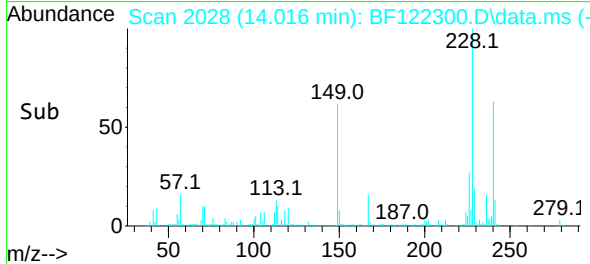
11/11/2020 10:32:18 AM



#81
Benzo(a)anthracene
Concen: 8.16 ng
RT: 14.016 min Scan# 2028
Delta R.T. -0.005 min
Lab File: BF122300.D
Acq: 10 Nov 2020 15:57



Tgt Ion:228 Resp: 486721
Ion Ratio Lower Upper
228 100
226 27.5 22.3 33.5
229 19.5 16.2 24.4

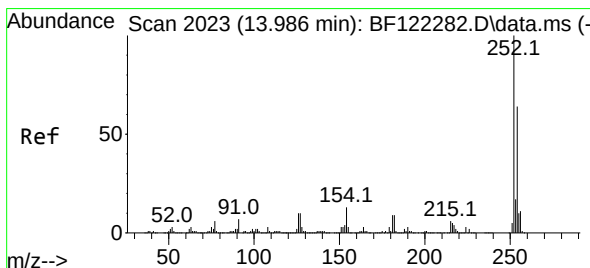


Instrument :
BNA_F
ClientSampleId :
LOQ-WATER-02-QT4-2020

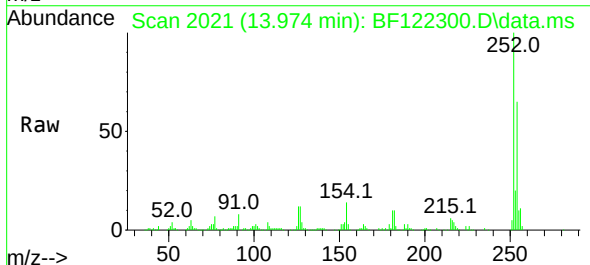
Manual Integrations
APPROVED

mohammad

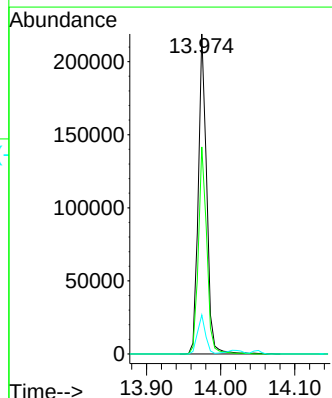
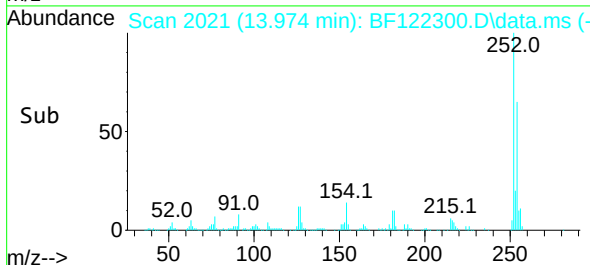
11/11/2020 10:32:18 AM

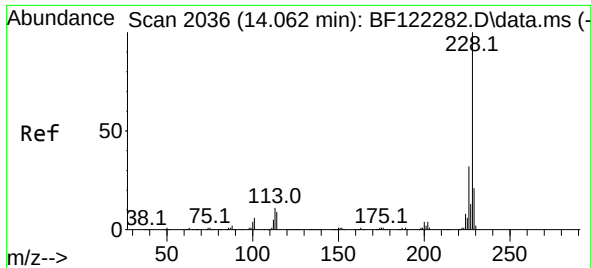


#82
3,3'-Dichlorobenzidine
Concen: 7.72 ng
RT: 13.974 min Scan# 2021
Delta R.T. -0.011 min
Lab File: BF122300.D
Acq: 10 Nov 2020 15:57



Tgt Ion:252 Resp: 171456
Ion Ratio Lower Upper
252 100
254 64.7 51.8 77.6
126 12.2 8.8 13.2





#83
Chrysene
Concen: 8.04 ng
RT: 14.051 min Scan# 2034
Delta R.T. -0.011 min
Lab File: BF122300.D
Acq: 10 Nov 2020 15:57

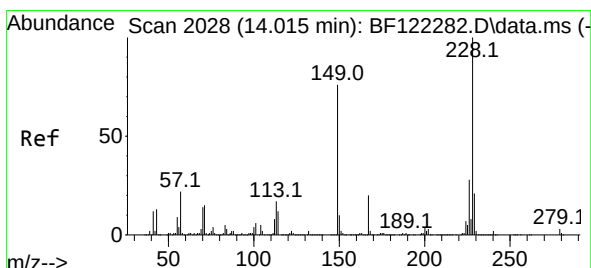
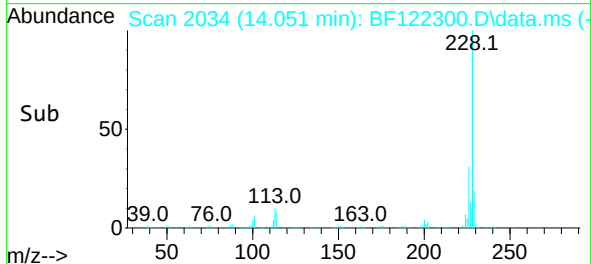
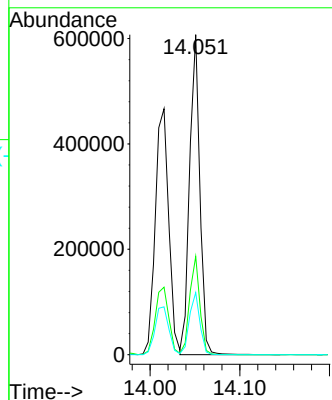
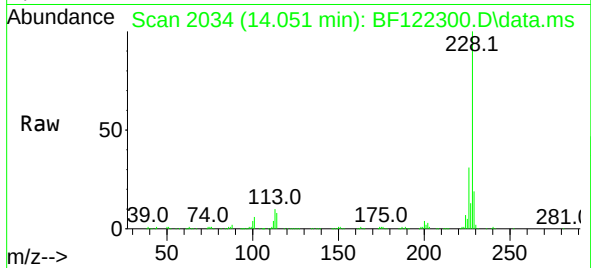
Tgt Ion:228 Resp: 483004
Ion Ratio Lower Upper
228 100
226 30.7 24.6 37.0
229 19.4 15.9 23.9

Instrument :
BNA_F
ClientSampleId :
LOQ-WATER-02-QT4-2020

Manual Integrations
APPROVED

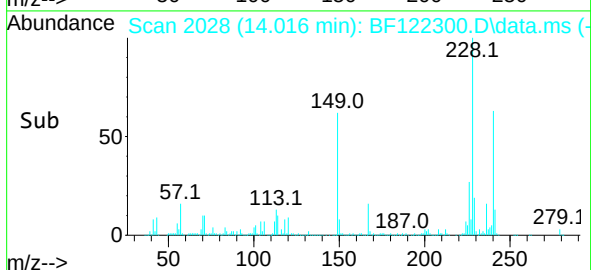
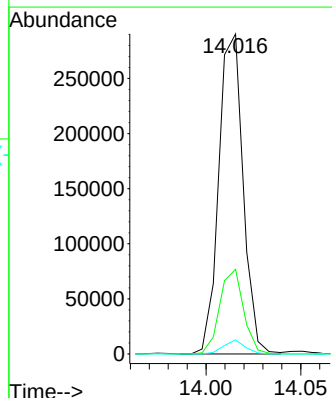
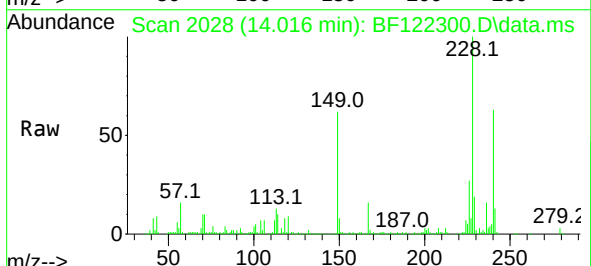
mohammad

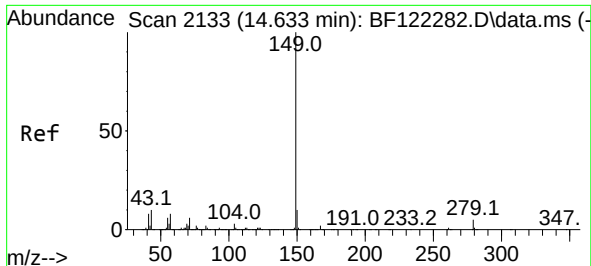
11/11/2020 10:32:18 AM



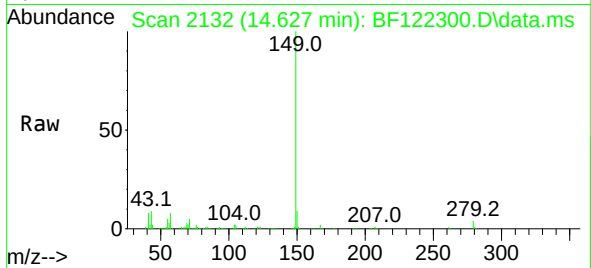
#84
Bis(2-ethylhexyl)phthalate
Concen: 8.02 ng
RT: 14.016 min Scan# 2028
Delta R.T. 0.000 min
Lab File: BF122300.D
Acq: 10 Nov 2020 15:57

Tgt Ion:149 Resp: 260310
Ion Ratio Lower Upper
149 100
167 26.4 20.9 31.3
279 4.4 3.2 4.8

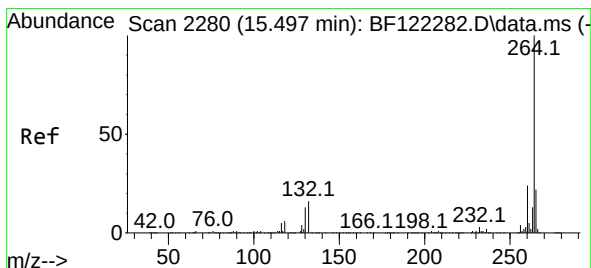
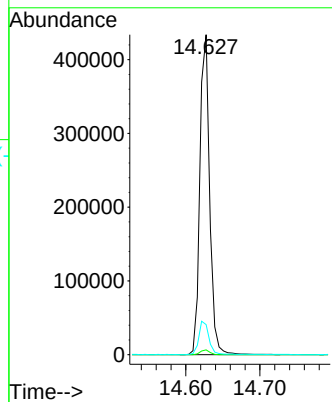
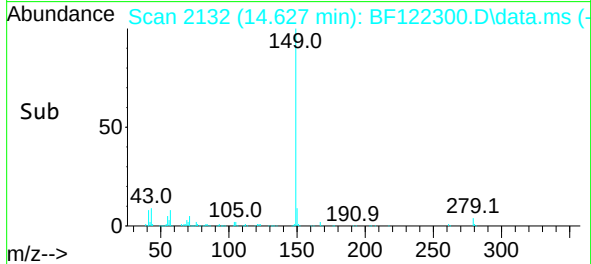




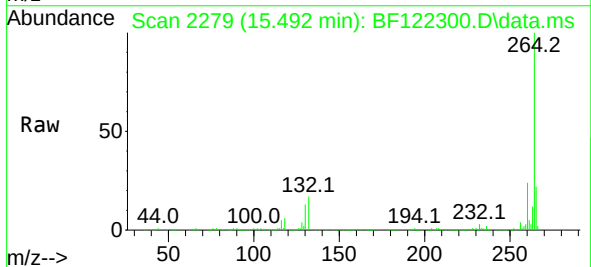
#85
Di-n-octyl phthalate
Concen: 7.19 ng
RT: 14.627 min Scan# 2132
Delta R.T. -0.005 min
Lab File: BF122300.D
Acq: 10 Nov 2020 15:57



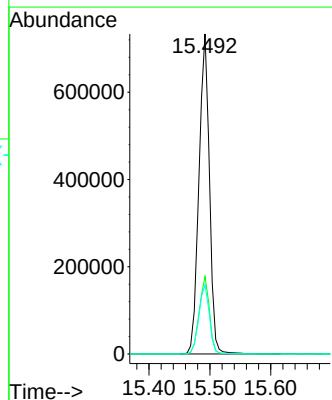
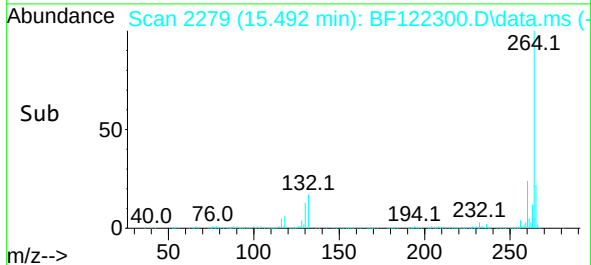
Tgt Ion:149 Resp: 395699
Ion Ratio Lower Upper
149 100
167 1.4 1.2 1.8
43 10.9 9.0 13.6



#86
Perylene-d12
Concen: 20.00 ng
RT: 15.492 min Scan# 2279
Delta R.T. -0.006 min
Lab File: BF122300.D
Acq: 10 Nov 2020 15:57



Tgt Ion:264 Resp: 879384
Ion Ratio Lower Upper
264 100
260 24.2 18.7 28.1
265 21.6 17.3 25.9

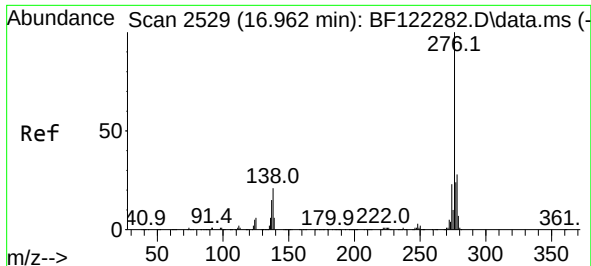


Instrument :
BNA_F
ClientSampleId :
LOQ-WATER-02-QT4-2020

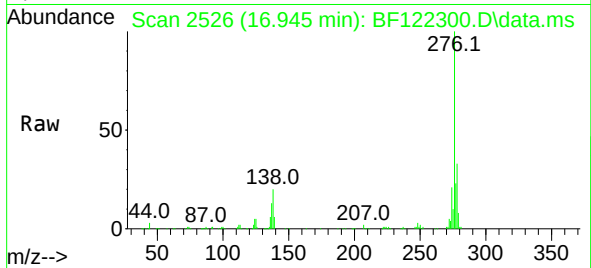
Manual Integrations
APPROVED

mohammad

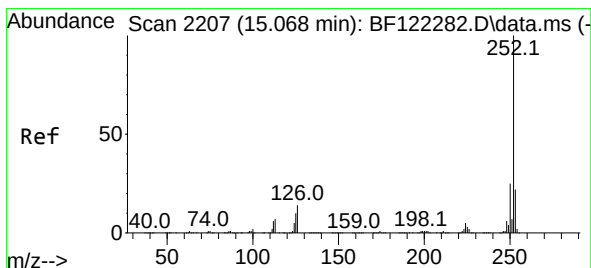
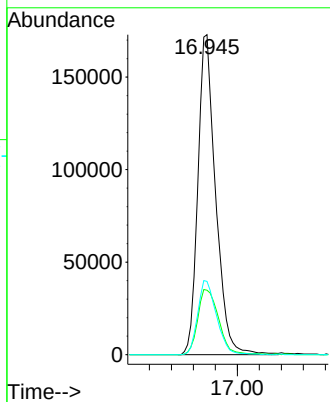
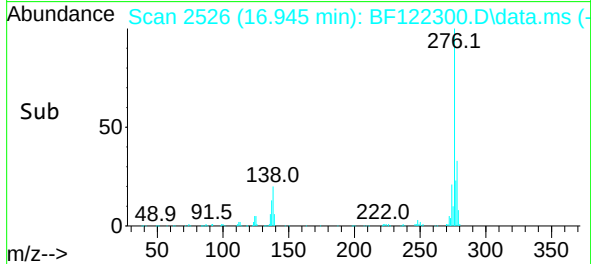
11/11/2020 10:32:18 AM



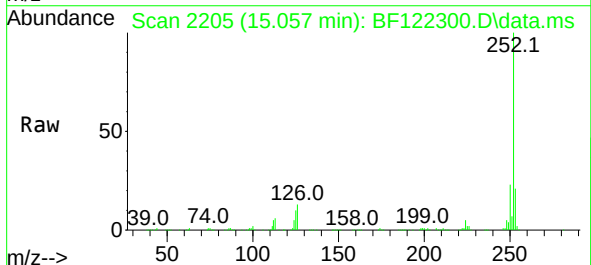
#87
Indeno(1,2,3-cd)pyrene
Concen: 7.36 ng
RT: 16.945 min Scan# 2526
Delta R.T. -0.017 min
Lab File: BF122300.D
Acq: 10 Nov 2020 15:57



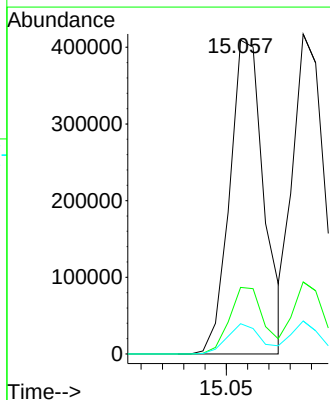
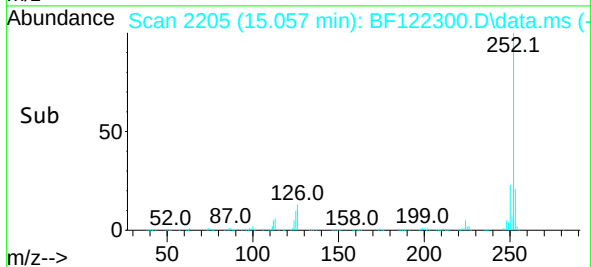
Tgt Ion: 276 Resp: 388199
Ion Ratio Lower Upper
276 100
138 24.0 19.9 29.9
277 24.5 20.4 30.6



#88
Benzo(b)fluoranthene
Concen: 8.06 ng
RT: 15.057 min Scan# 2205
Delta R.T. -0.011 min
Lab File: BF122300.D
Acq: 10 Nov 2020 15:57



Tgt Ion: 252 Resp: 459042
Ion Ratio Lower Upper
252 100
253 21.2 18.2 27.2
125 9.6 8.0 12.0

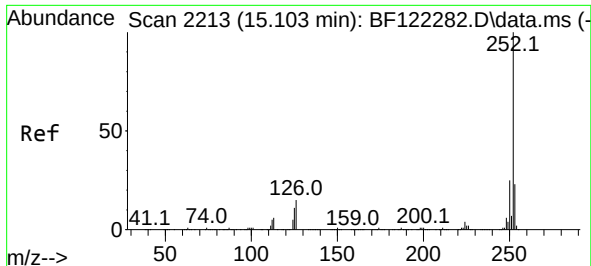


Instrument :
BNA_F
ClientSampleId :
LOQ-WATER-02-QT4-2020

Manual Integrations
APPROVED

mohammad

11/11/2020 10:32:18 AM



#89

Benzo(k)fluoranthene

Concen: 7.85 ng

RT: 15.086 min Scan# 2210

Delta R.T. -0.017 min

Lab File: BF122300.D

Acq: 10 Nov 2020 15:57

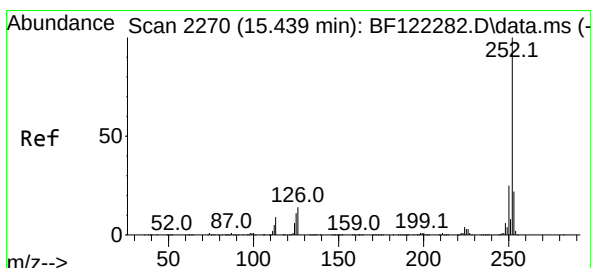
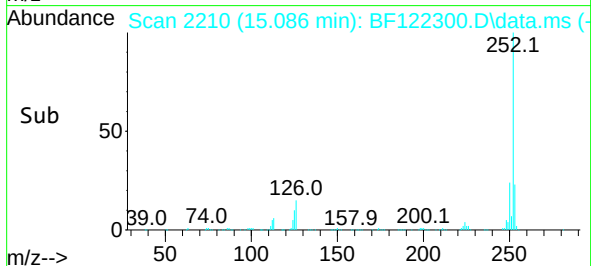
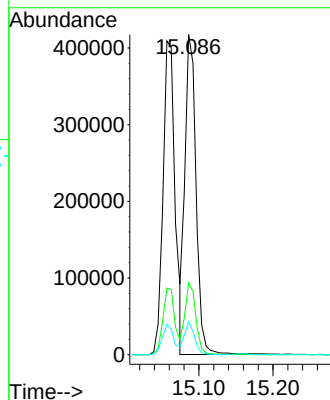
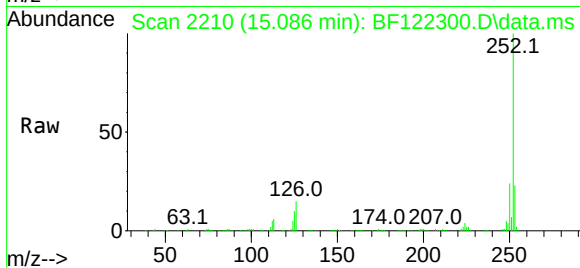
Tgt Ion:252 Resp: 436029

Ion Ratio Lower Upper

252 100

253 22.5 17.8 26.6

125 10.3 7.7 11.5



#90

Benzo(a)pyrene

Concen: 7.67 ng

RT: 15.427 min Scan# 2268

Delta R.T. -0.011 min

Lab File: BF122300.D

Acq: 10 Nov 2020 15:57

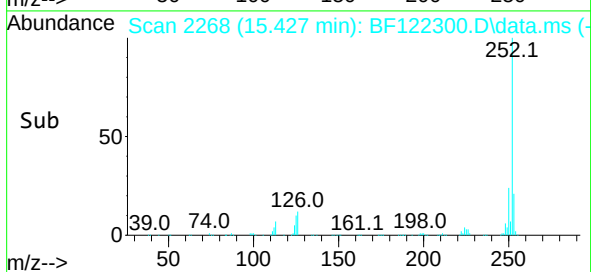
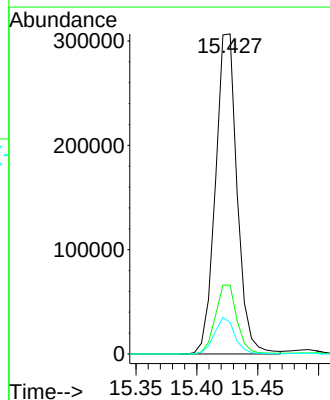
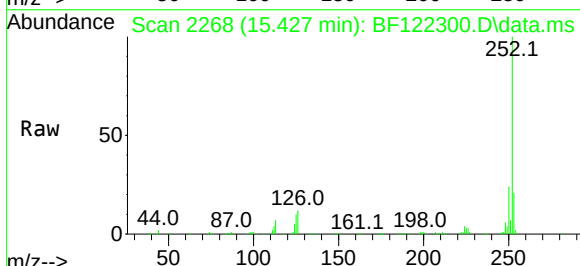
Tgt Ion:252 Resp: 380596

Ion Ratio Lower Upper

252 100

253 21.5 17.3 25.9

125 9.8 8.6 13.0



Instrument :

BNA_F

ClientSampleId :

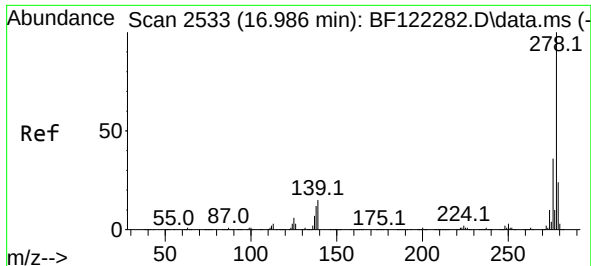
LOQ-WATER-02-QT4-2020

Manual Integrations

APPROVED

mohammad

11/11/2020 10:32:18 AM



#91
Dibenzo(a,h)anthracene
Concen: 7.35 ng
RT: 16.962 min Scan# 2529
Delta R.T. -0.023 min
Lab File: BF122300.D
Acq: 10 Nov 2020 15:57

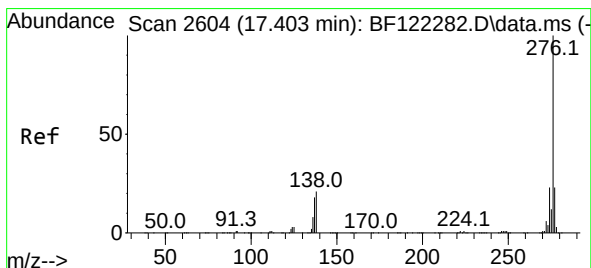
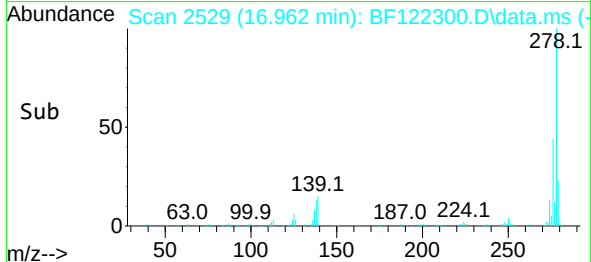
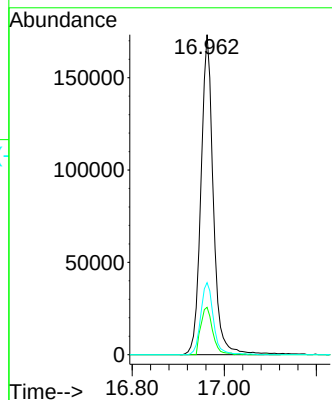
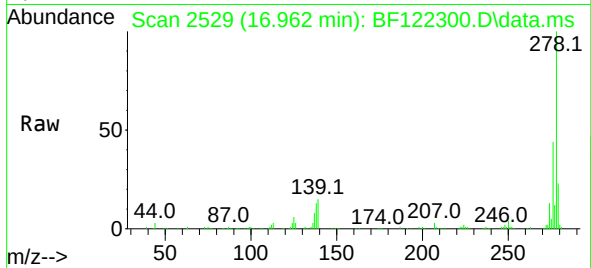
Tgt Ion: 278 Resp: 325042
Ion Ratio Lower Upper
278 100
139 14.8 13.0 19.4
279 22.5 19.0 28.4

Instrument :
BNA_F
ClientSampleId :
LOQ-WATER-02-QT4-2020

Manual Integrations
APPROVED

mohammad

11/11/2020 10:32:18 AM



#92
Benzo(g,h,i)perylene
Concen: 7.19 ng
RT: 17.380 min Scan# 2600
Delta R.T. -0.023 min
Lab File: BF122300.D
Acq: 10 Nov 2020 15:57

Tgt Ion: 276 Resp: 308816
Ion Ratio Lower Upper
276 100
277 24.5 19.4 29.2
138 20.0 17.8 26.6

