

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF111020\
 Data File : BF122297.D
 Acq On : 10 Nov 2020 14:23
 Operator : JU/CG
 Sample : L4214-07
 Misc : LOD-MDL-WATER 8ppm
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 LOD-MDL-WATER-01-QT4-2020

Manual Integrations
 APPROVED

mohammad

11/11/2020 10:32:10 AM

Quant Time: Nov 10 14:50:50 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	6.869	152	305591	20.00	ng	0.00
21) Naphthalene-d8	8.151	136	1099917	20.00	ng	0.00
39) Acenaphthene-d10	9.904	164	580000	20.00	ng	0.00
64) Phenanthrene-d10	11.386	188	1037448	20.00	ng	0.00
76) Chrysene-d12	14.027	240	941933	20.00	ng	0.00
86) Perylene-d12	15.492	264	900879	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.481	112	2665438	133.93	ng	0.00
7) Phenol-d6	6.498	99	3455324	132.72	ng	0.00
23) Nitrobenzene-d5	7.434	82	2255554	125.54	ng	0.00
42) 2,4,6-Tribromophenol	10.698	330	949116	152.47	ng	0.00
45) 2-Fluorobiphenyl	9.233	172	3621853	97.57	ng	0.00
79) Terphenyl-d14	12.980	244	4254642	95.69	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	2.646	88	77122	8.45	ng	92
3) Pyridine	3.440	79	207850	8.28	ng	93
4) n-Nitrosodimethylamine	3.316	42	97140	8.21	ng	96
6) Aniline	6.534	93	293858	8.60	ng	98
8) 2-Chlorophenol	6.651	128	179419	8.69	ng	92
9) Benzaldehyde	6.416	77	155104	10.57	ng	96
10) Phenol	6.504	94	221228m	8.63	ng	
11) bis(2-Chloroethyl)ether	6.604	93	180599	8.86	ng	93
12) 1,3-Dichlorobenzene	6.810	146	207291	8.85	ng	96
13) 1,4-Dichlorobenzene	6.886	146	210761	8.95	ng	95
14) 1,2-Dichlorobenzene	7.039	146	194960	8.88	ng	99
15) Benzyl Alcohol	6.998	79	148727	8.03	ng	99
16) 2,2'-oxybis(1-Chloropr...	7.139	45	255615	8.61	ng	99
17) 2-Methylphenol	7.104	107	147459	8.56	ng	99
18) Hexachloroethane	7.381	117	71689	8.75	ng	97
19) n-Nitroso-di-n-propyla...	7.275	70	134702	8.66	ng	97
20) 3+4-Methylphenols	7.257	107	191242	9.02	ng	# 65
22) Acetophenone	7.269	105	263715	9.20	ng	# 88
24) Nitrobenzene	7.445	77	203390	9.89	ng	99
25) Isophorone	7.681	82	352015	8.79	ng	98
26) 2-Nitrophenol	7.763	139	65858	9.49	ng	97
27) 2,4-Dimethylphenol	7.792	122	174628	9.24	ng	99
28) bis(2-Chloroethoxy)met...	7.892	93	220485	9.00	ng	100
29) 2,4-Dichlorophenol	7.998	162	148300	8.87	ng	95
30) 1,2,4-Trichlorobenzene	8.092	180	167563	9.08	ng	95
31) Naphthalene	8.169	128	541836	9.27	ng	99
32) Benzoic acid	7.851	122	49039	5.75	ng	95
33) 4-Chloroaniline	8.216	127	227975	8.95	ng	95
34) Hexachlorobutadiene	8.292	225	95942	9.04	ng	99
35) Caprolactam	8.551	113	44950	8.48	ng	# 82
36) 4-Chloro-3-methylphenol	8.686	107	152085	8.72	ng	93
37) 2-Methylnaphthalene	8.863	142	360039	9.32	ng	98
38) 1-Methylnaphthalene	8.963	142	334688	9.25	ng	99
40) 1,2,4,5-Tetrachloroben...	9.028	216	165728	9.27	ng	99
41) Hexachlorocyclopentadiene	9.022	237	88610	8.48	ng	98
43) 2,4,6-Trichlorophenol	9.133	196	100332	8.64	ng	99

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF111020\
 Data File : BF122297.D
 Acq On : 10 Nov 2020 14:23
 Operator : JU/CG
 Sample : L4214-07
 Misc : LOD-MDL-WATER 8ppm
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 LOD-MDL-WATER-01-QT4-2020

Manual Integrations
 APPROVED

mohammad

11/11/2020 10:32:10 AM

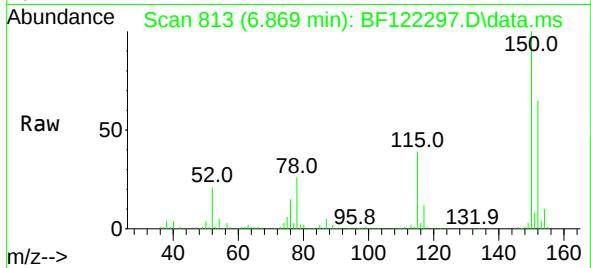
Quant Time: Nov 10 14:50:50 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF110920.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Nov 10 13:10:47 2020
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.169	196	106327	8.74	ng	97
46) 1,1'-Biphenyl	9.328	154	440580	9.54	ng	97
47) 2-Chloronaphthalene	9.351	162	337336	9.21	ng	97
48) 2-Nitroaniline	9.439	65	85285	9.48	ng	88
49) Acenaphthylene	9.763	152	513065	9.11	ng	100
50) Dimethylphthalate	9.622	163	380474	9.23	ng	99
51) 2,6-Dinitrotoluene	9.680	165	74708	9.37	ng	94
52) Acenaphthene	9.939	154	319912	9.18	ng	99
53) 3-Nitroaniline	9.845	138	86336	9.38	ng	95
54) 2,4-Dinitrophenol	9.945	184	14667	6.02	ng	# 1
55) Dibenzofuran	10.110	168	478804	9.37	ng	96
56) 4-Nitrophenol	9.986	139	64250	8.17	ng	85
57) 2,4-Dinitrotoluene	10.080	165	90740	9.41	ng	# 90
58) Fluorene	10.451	166	377852	9.66	ng	99
59) 2,3,4,6-Tetrachlorophenol	10.222	232	91436	9.04	ng	99
60) Diethylphthalate	10.322	149	367280	9.08	ng	96
61) 4-Chlorophenyl-phenyle...	10.445	204	175112	9.49	ng	96
62) 4-Nitroaniline	10.451	138	82442	9.09	ng	93
63) Azobenzene	10.604	77	390427	9.20	ng	98
65) 4,6-Dinitro-2-methylph...	10.486	198	25997	6.60	ng	99
66) n-Nitrosodiphenylamine	10.563	169	326945	9.25	ng	96
67) 4-Bromophenyl-phenylether	10.933	248	110835	9.09	ng	96
68) Hexachlorobenzene	10.998	284	120740	9.17	ng	98
69) Atrazine	11.080	200	91692	10.42	ng	97
70) Pentachlorophenol	11.186	266	61102	8.05	ng	96
71) Phenanthrene	11.410	178	558313	9.49	ng	99
72) Anthracene	11.463	178	574894	9.48	ng	98
73) Carbazole	11.610	167	507465	9.20	ng	99
74) Di-n-butylphthalate	11.951	149	547605	9.31	ng	99
75) Fluoranthene	12.598	202	574150	9.34	ng	97
77) Benzidine	12.716	184	288246	11.03	ng	96
78) Pyrene	12.827	202	594848	8.99	ng	99
80) Butylbenzylphthalate	13.451	149	201778	8.48	ng	95
81) Benzo(a)anthracene	14.015	228	546672	9.33	ng	99
82) 3,3'-Dichlorobenzidine	13.974	252	197881	9.06	ng	99
83) Chrysene	14.051	228	547771	9.28	ng	99
84) Bis(2-ethylhexyl)phtha...	14.010	149	293139	9.19	ng	# 98
85) Di-n-octyl phthalate	14.627	149	453888	8.39	ng	99
87) Indeno(1,2,3-cd)pyrene	16.945	276	462882	8.56	ng	98
88) Benzo(b)fluoranthene	15.062	252	509001	8.72	ng	97
89) Benzo(k)fluoranthene	15.092	252	520859	9.16	ng	98
90) Benzo(a)pyrene	15.427	252	444177	8.73	ng	99
91) Dibenzo(a,h)anthracene	16.962	278	390371	8.62	ng	99
92) Benzo(g,h,i)perylene	17.380	276	372928	8.47	ng	99

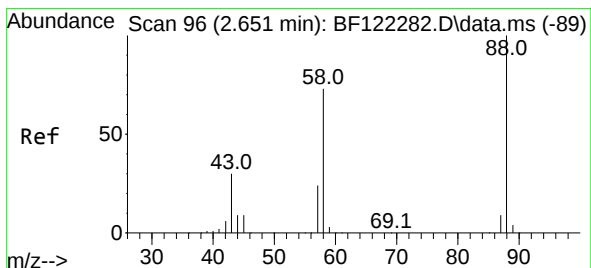
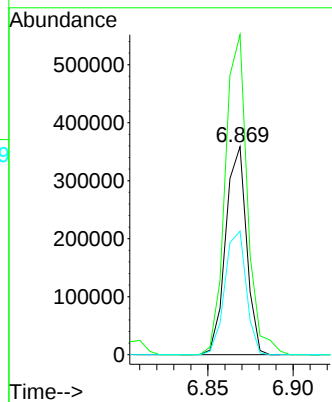
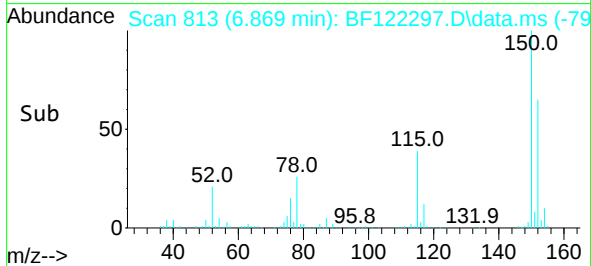
(#) = qualifier out of range (m) = manual integration (+) = signals summed



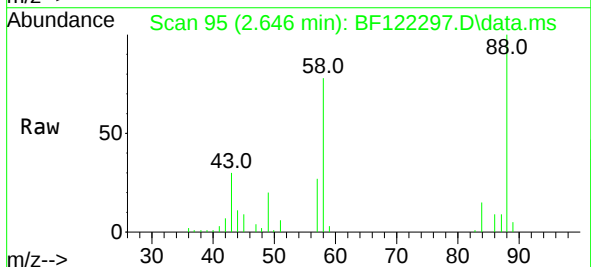
#1
 1,4-Dichlorobenzene-d4
 Concen: 20.00 ng
 RT: 6.869 min Scan# 813
 Delta R.T. -0.000 min
 Lab File: BF122297.D
 Acq: 10 Nov 2020 14:23



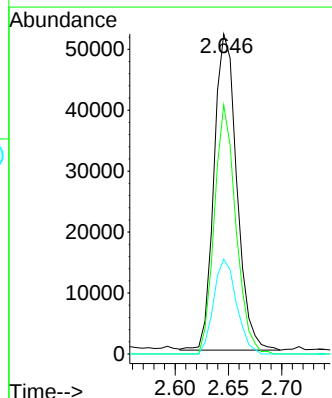
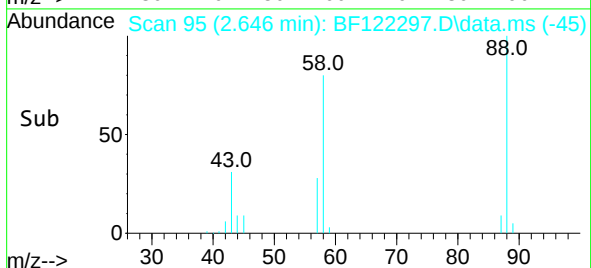
Tgt Ion:152 Resp: 305591
 Ion Ratio Lower Upper
 152 100
 150 153.9 125.3 187.9
 115 59.4 51.9 77.9



#2
 1,4-Dioxane
 Concen: 8.45 ng
 RT: 2.646 min Scan# 95
 Delta R.T. -0.006 min
 Lab File: BF122297.D
 Acq: 10 Nov 2020 14:23



Tgt Ion: 88 Resp: 77122
 Ion Ratio Lower Upper
 88 100
 58 73.9 65.8 98.8
 43 29.9 25.8 38.8

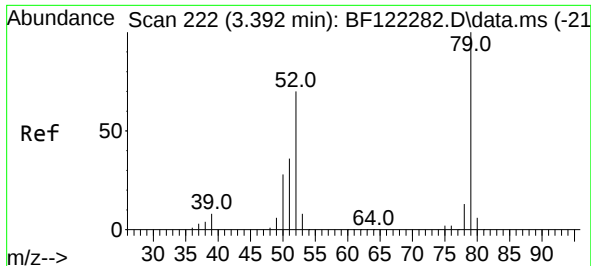


Instrument :
 BNA_F
 ClientSampleId :
 LOD-MDL-WATER-01-QT4-2020

Manual Integrations
 APPROVED

mohammad

11/11/2020 10:32:10 AM



#3
Pyridine
Concen: 8.28 ng
RT: 3.440 min Scan# 230
Delta R.T. 0.047 min
Lab File: BF122297.D
Acq: 10 Nov 2020 14:23

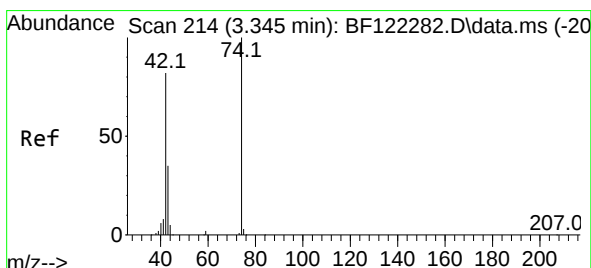
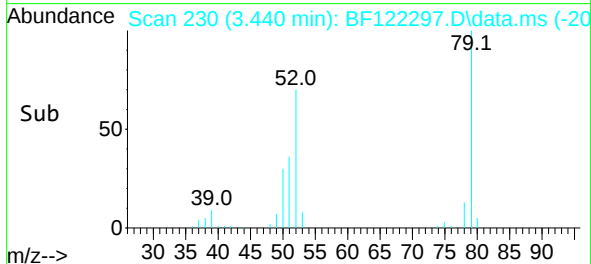
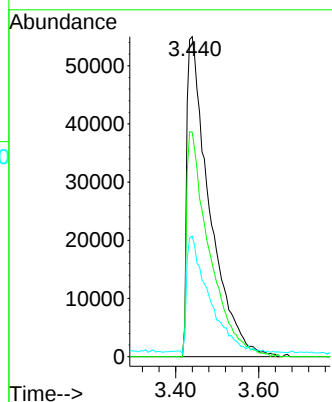
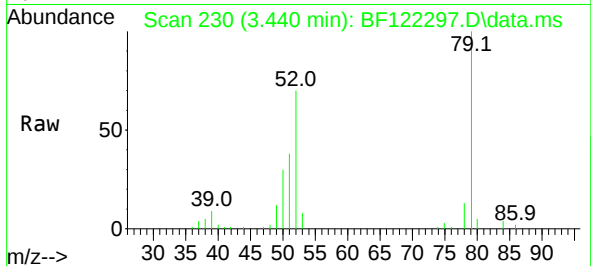
Tgt Ion: 79 Resp: 207850
Ion Ratio Lower Upper
79 100
52 70.2 62.2 93.4
51 37.6 31.1 46.7

Instrument :
BNA_F
ClientSampleId :
LOD-MDL-WATER-01-QT4-2020

Manual Integrations
APPROVED

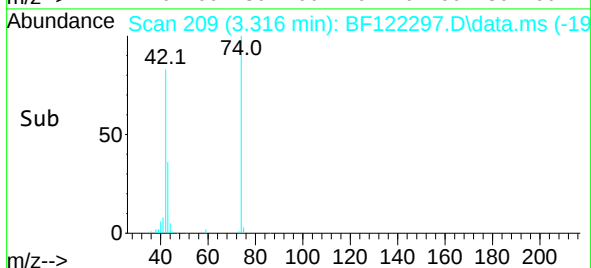
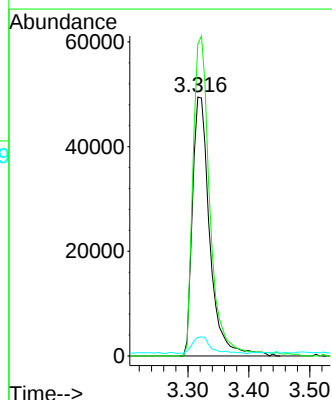
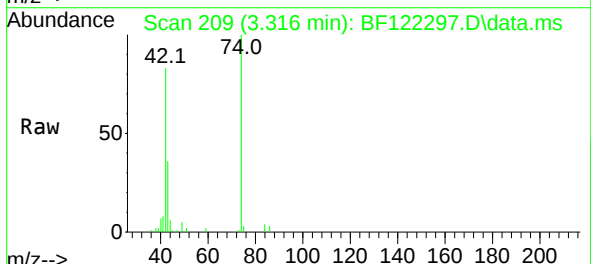
mohammad

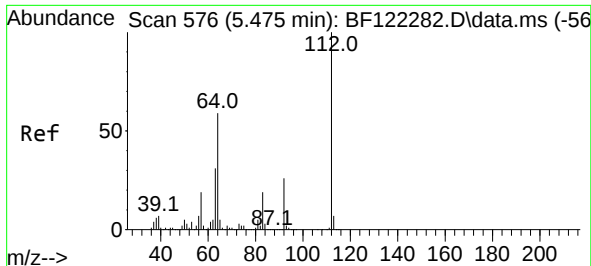
11/11/2020 10:32:10 AM



#4
n-Nitrosodimethylamine
Concen: 8.21 ng
RT: 3.316 min Scan# 209
Delta R.T. -0.029 min
Lab File: BF122297.D
Acq: 10 Nov 2020 14:23

Tgt Ion: 42 Resp: 97140
Ion Ratio Lower Upper
42 100
74 120.5 100.2 150.2
44 7.2 5.8 8.6





#5
2-Fluorophenol
Concen: 133.93 ng
RT: 5.481 min Scan# 577
Delta R.T. 0.006 min
Lab File: BF122297.D
Acq: 10 Nov 2020 14:23

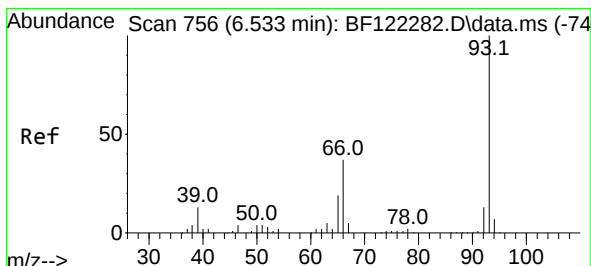
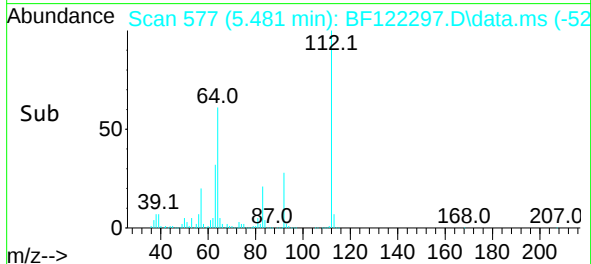
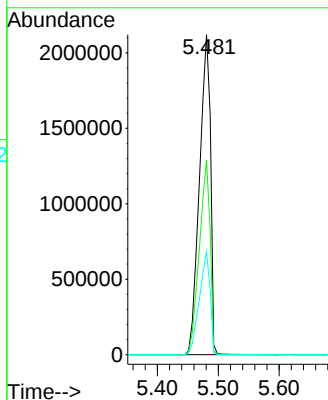
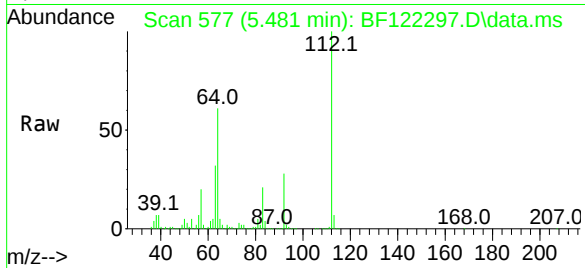
Tgt Ion: 112 Resp: 2665438
Ion Ratio Lower Upper
112 100
64 60.9 50.4 75.6
63 32.2 25.8 38.6

Instrument :
BNA_F
ClientSampleId :
LOD-MDL-WATER-01-QT4-2020

Manual Integrations
APPROVED

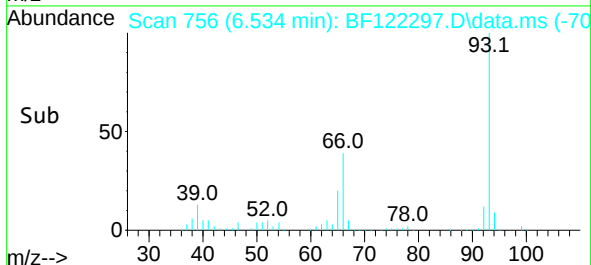
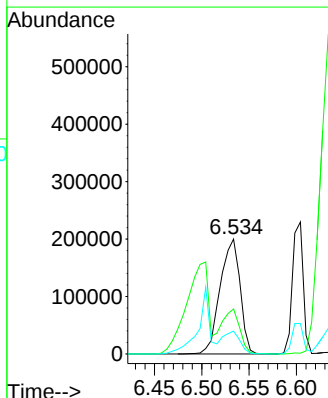
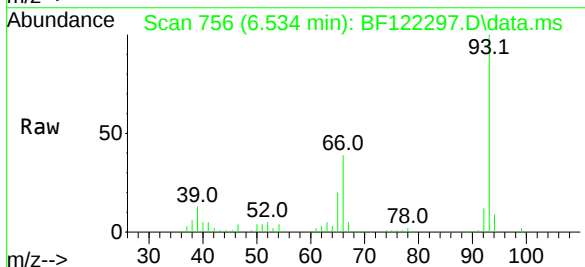
mohammad

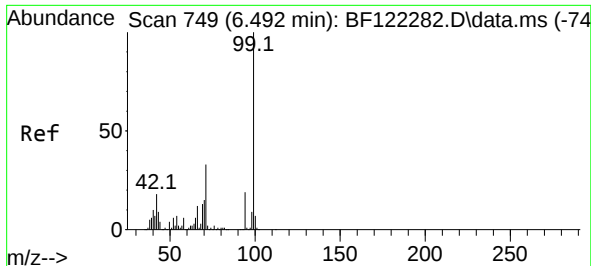
11/11/2020 10:32:10 AM



#6
Aniline
Concen: 8.60 ng
RT: 6.534 min Scan# 756
Delta R.T. 0.000 min
Lab File: BF122297.D
Acq: 10 Nov 2020 14:23

Tgt Ion: 93 Resp: 293858
Ion Ratio Lower Upper
93 100
66 39.2 32.7 49.1
65 20.0 16.6 24.8





#7
Phenol-d6
Concen: 132.72 ng
RT: 6.498 min Scan# 750
Delta R.T. 0.006 min
Lab File: BF122297.D
Acq: 10 Nov 2020 14:23

Tgt Ion: 99 Resp: 3455324

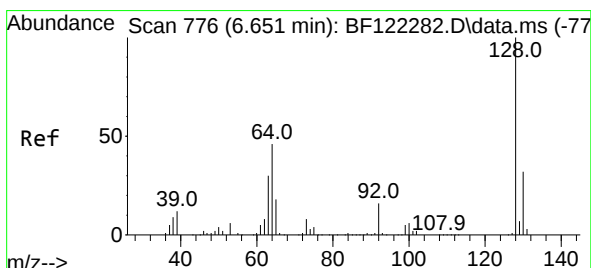
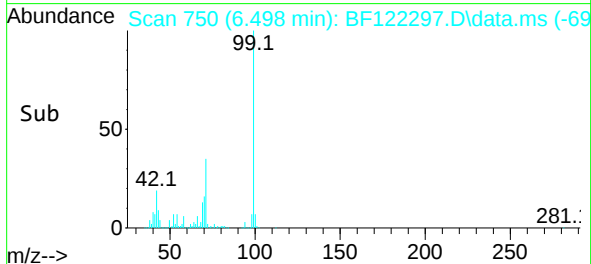
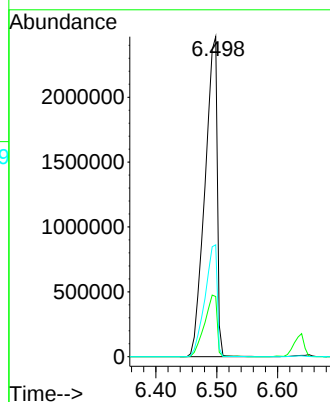
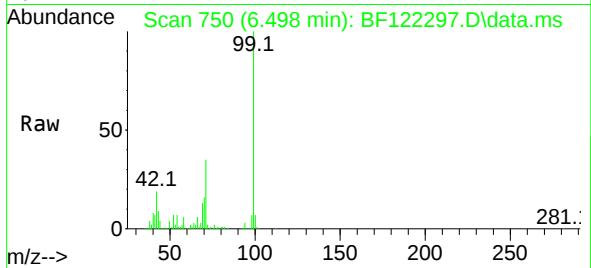
Ion	Ratio	Lower	Upper
99	100		
42	18.8	15.9	23.9
71	35.0	27.1	40.7

Instrument :
BNA_F
ClientSampleId :
LOD-MDL-WATER-01-QT4-2020

Manual Integrations
APPROVED

mohammad

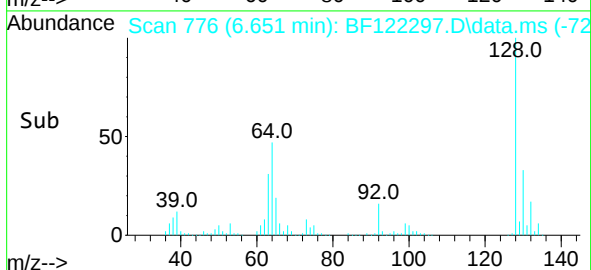
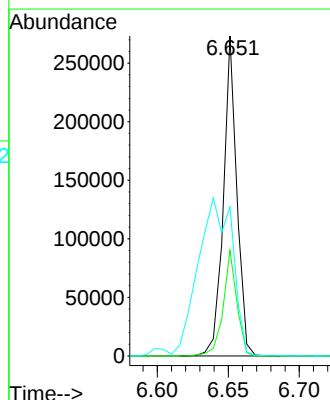
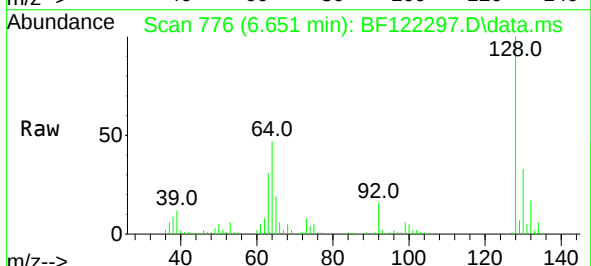
11/11/2020 10:32:10 AM

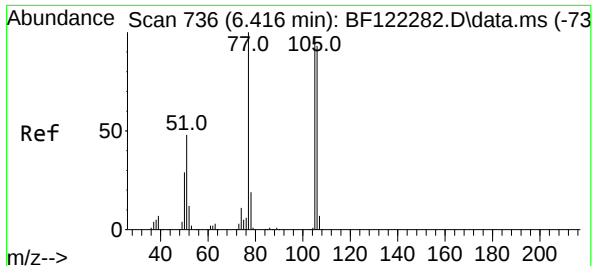


#8
2-Chlorophenol
Concen: 8.69 ng
RT: 6.651 min Scan# 776
Delta R.T. 0.000 min
Lab File: BF122297.D
Acq: 10 Nov 2020 14:23

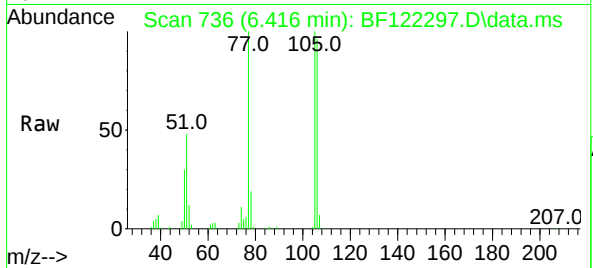
Tgt Ion:128 Resp: 179419

Ion	Ratio	Lower	Upper
128	100		
130	33.0	12.4	52.4
64	46.6	34.8	74.8

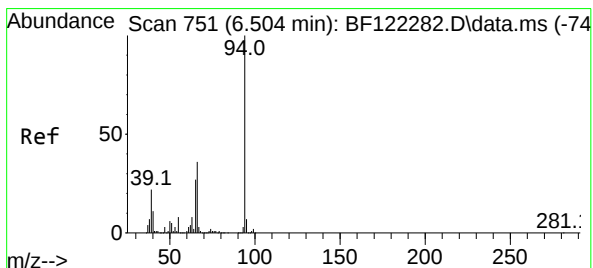
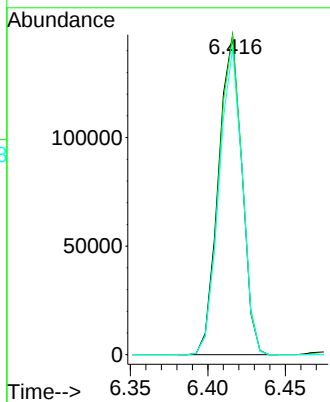
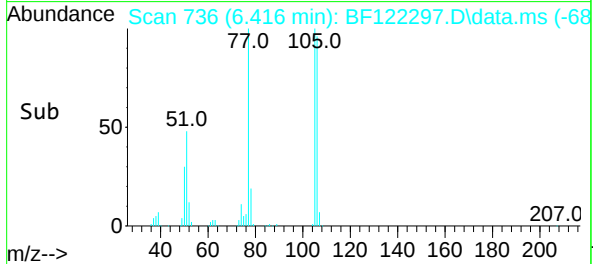




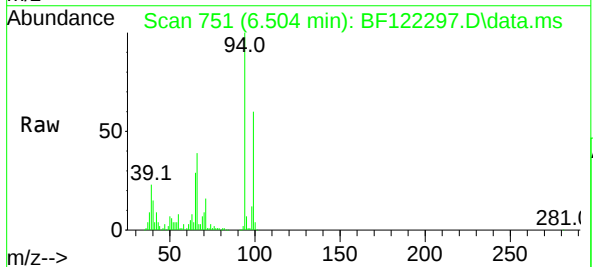
#9
Benzaldehyde
Concen: 10.57 ng
RT: 6.416 min Scan# 736
Delta R.T. -0.000 min
Lab File: BF122297.D
Acq: 10 Nov 2020 14:23



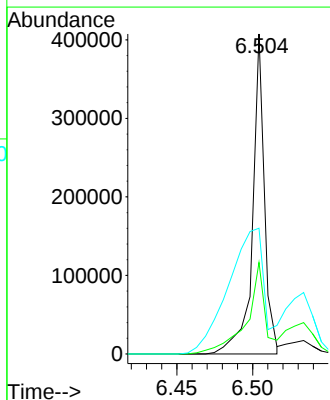
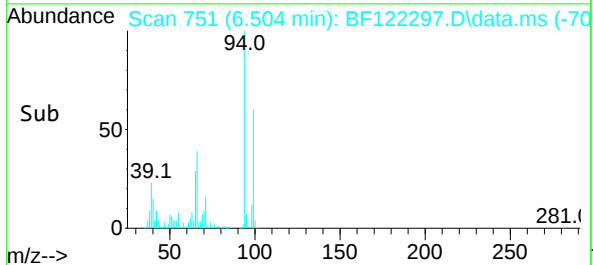
Tgt Ion: 77 Resp: 155104
Ion Ratio Lower Upper
77 100
105 99.7 76.7 116.7
106 95.7 71.3 111.3



#10
Phenol
Concen: 8.63 ng m
RT: 6.504 min Scan# 751
Delta R.T. 0.000 min
Lab File: BF122297.D
Acq: 10 Nov 2020 14:23



Tgt Ion: 94 Resp: 221228
Ion Ratio Lower Upper
94 100
65 28.6 17.1 57.1
66 39.3 36.0 76.0

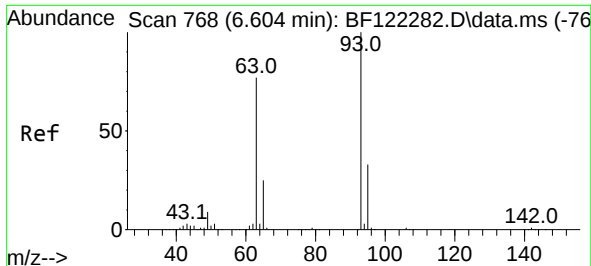


Instrument :
BNA_F
ClientSampleId :
LOD-MDL-WATER-01-QT4-2020

Manual Integrations
APPROVED

mohammad

11/11/2020 10:32:10 AM



#11
bis(2-Chloroethyl)ether
Concen: 8.86 ng
RT: 6.604 min Scan# 768
Delta R.T. 0.000 min
Lab File: BF122297.D
Acq: 10 Nov 2020 14:23

Tgt Ion: 93 Resp: 180599

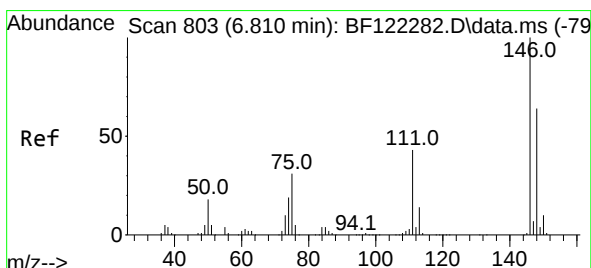
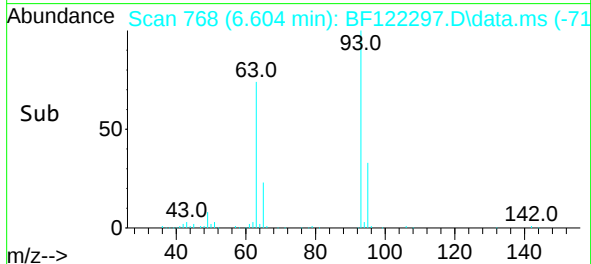
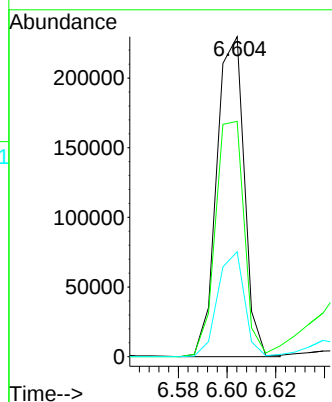
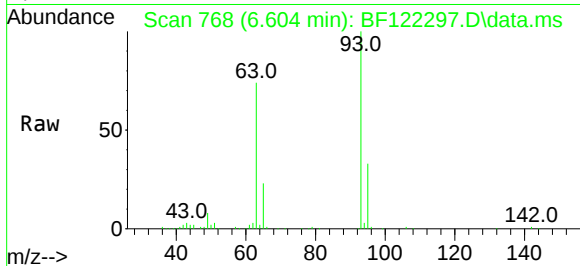
Ion	Ratio	Lower	Upper
93	100		
63	73.5	62.4	102.4
95	32.8	12.6	52.6

Instrument :
BNA_F
ClientSampleId :
LOD-MDL-WATER-01-QT4-2020

Manual Integrations
APPROVED

mohammad

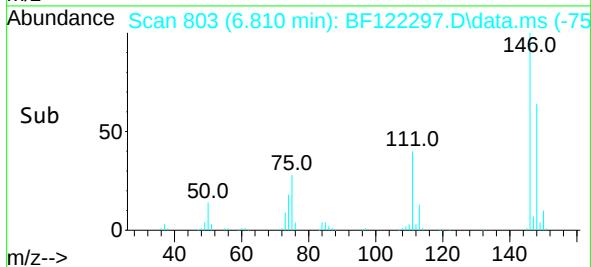
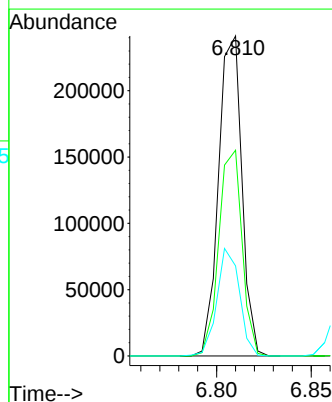
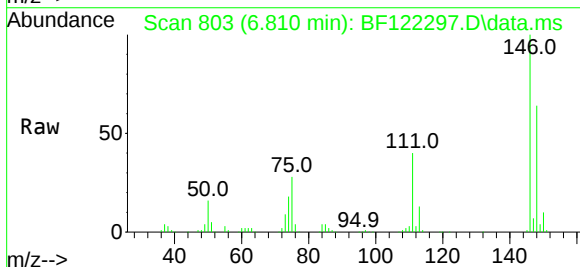
11/11/2020 10:32:10 AM

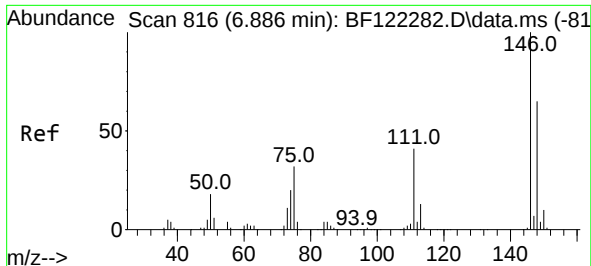


#12
1,3-Dichlorobenzene
Concen: 8.85 ng
RT: 6.810 min Scan# 803
Delta R.T. 0.000 min
Lab File: BF122297.D
Acq: 10 Nov 2020 14:23

Tgt Ion: 146 Resp: 207291

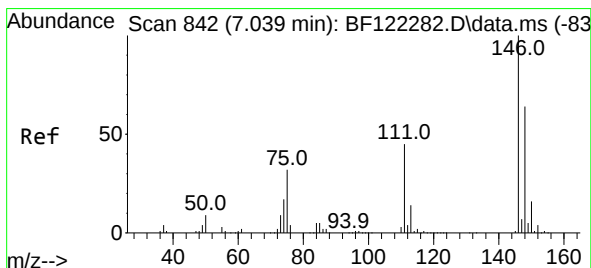
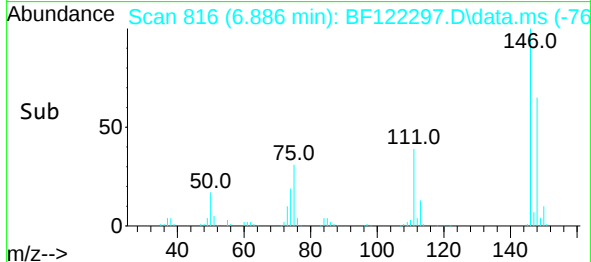
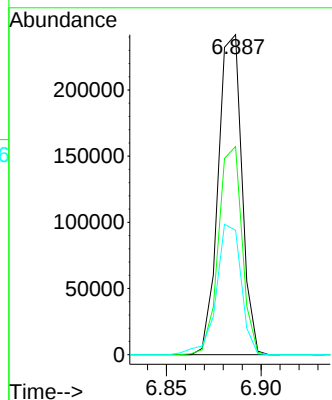
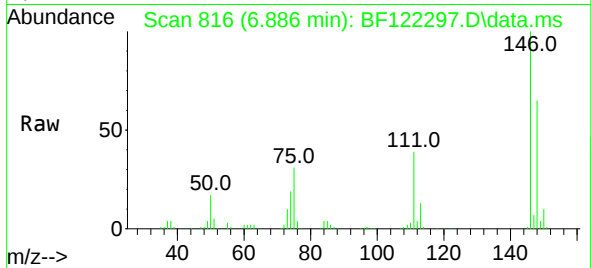
Ion	Ratio	Lower	Upper
146	100		
148	64.3	51.0	76.4
75	28.2	27.6	41.4





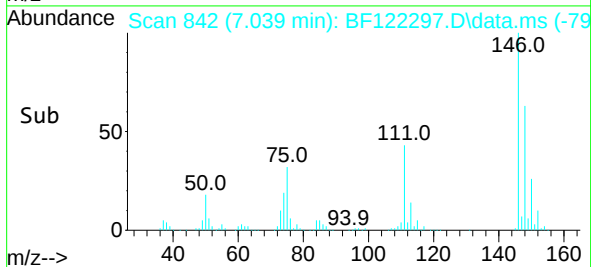
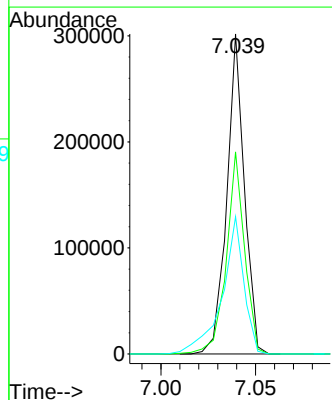
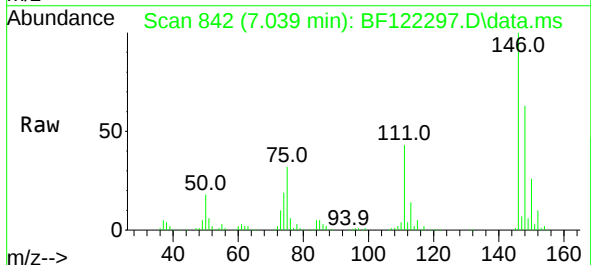
#13
1,4-Dichlorobenzene
Concen: 8.95 ng
RT: 6.886 min Scan# 816
Delta R.T. 0.000 min
Lab File: BF122297.D
Acq: 10 Nov 2020 14:23

Tgt Ion:146 Resp: 210761
Ion Ratio Lower Upper
146 100
148 65.1 50.1 75.1
111 38.9 34.6 52.0



#14
1,2-Dichlorobenzene
Concen: 8.88 ng
RT: 7.039 min Scan# 842
Delta R.T. 0.000 min
Lab File: BF122297.D
Acq: 10 Nov 2020 14:23

Tgt Ion:146 Resp: 194960
Ion Ratio Lower Upper
146 100
148 63.1 51.1 76.7
111 42.9 34.2 51.4



Instrument :
BNA_F
ClientSampleId :
LOD-MDL-WATER-01-QT4-2020

Manual Integrations
APPROVED

mohammad

11/11/2020 10:32:10 AM



#15

Benzyl Alcohol

Concen: 8.03 ng

RT: 6.998 min Scan# 835

Delta R.T. -0.006 min

Lab File: BF122297.D

Acq: 10 Nov 2020 14:23

Tgt Ion:	79	Resp:	148727
Ion	Ratio	Lower	Upper
79	100		
108	77.2	62.3	93.5
77	64.4	50.6	75.8

Instrument :

BNA_F

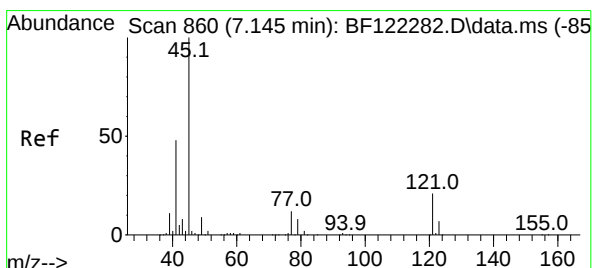
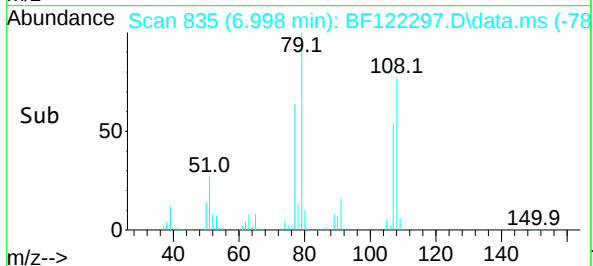
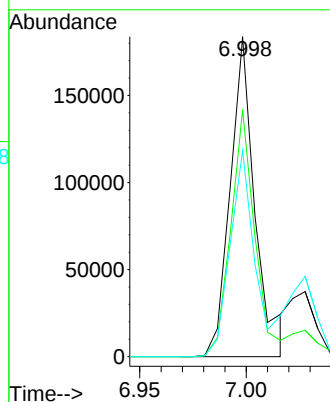
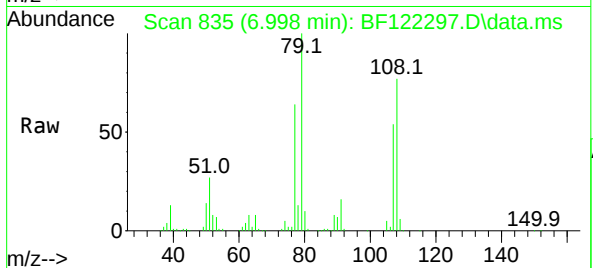
ClientSampleId :

LOD-MDL-WATER-01-QT4-2020

Manual Integrations
APPROVED

mohammad

11/11/2020 10:32:10 AM



#16

2,2'-oxybis(1-Chloropropane)

Concen: 8.61 ng

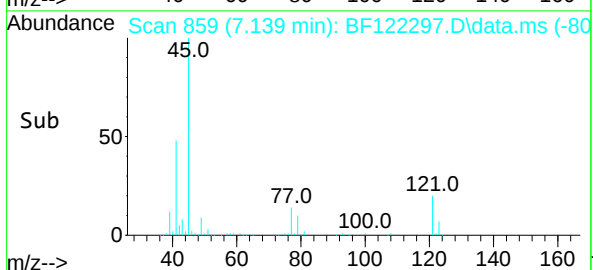
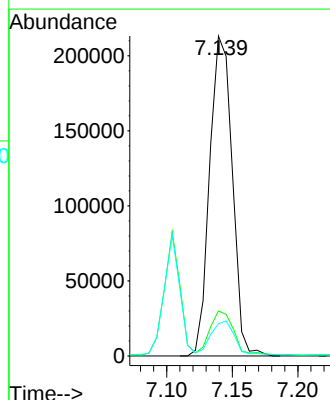
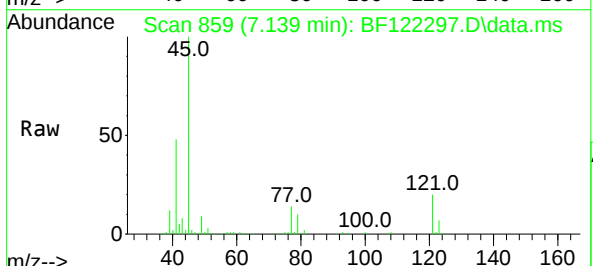
RT: 7.139 min Scan# 859

Delta R.T. -0.006 min

Lab File: BF122297.D

Acq: 10 Nov 2020 14:23

Tgt Ion:	45	Resp:	255615
Ion	Ratio	Lower	Upper
45	100		
77	14.1	0.0	33.3
79	10.0	0.0	30.4





#17
2-Methylphenol
Concen: 8.56 ng
RT: 7.104 min Scan# 853
Delta R.T. -0.011 min
Lab File: BF122297.D
Acq: 10 Nov 2020 14:23

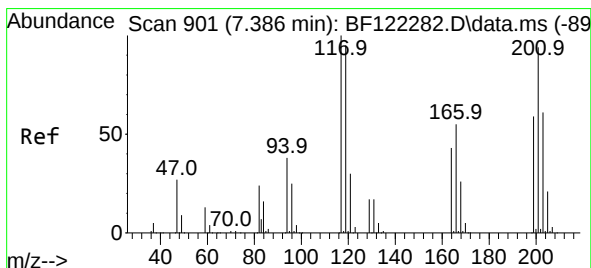
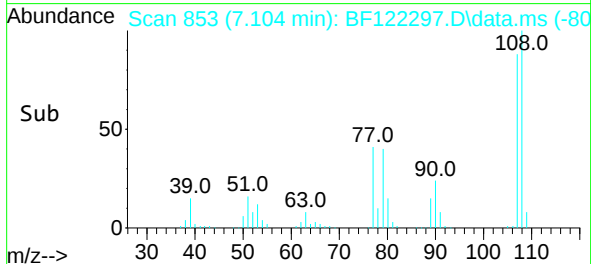
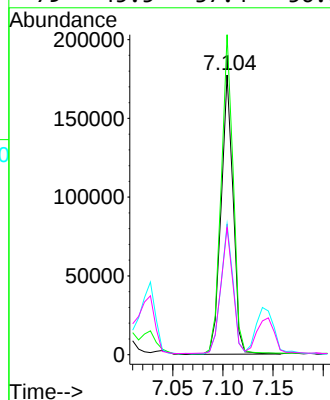
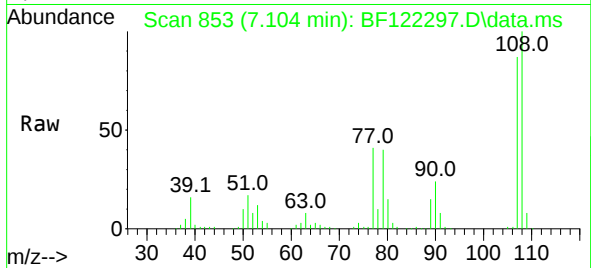
Tgt Ion:	107	Resp:	147459
Ion	Ratio	Lower	Upper
107	100		
108	114.4	90.9	136.3
77	46.7	37.5	56.3
79	45.5	37.4	56.0

Instrument :
BNA_F
ClientSampleId :
LOD-MDL-WATER-01-QT4-2020

Manual Integrations
APPROVED

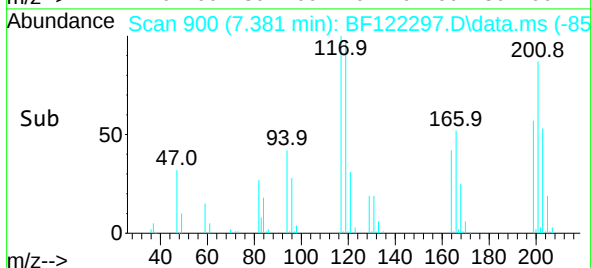
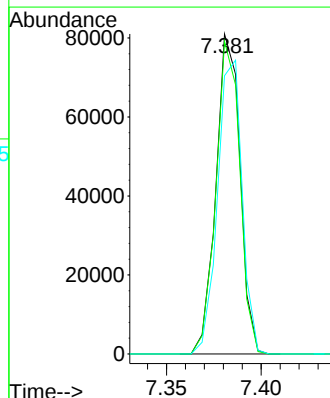
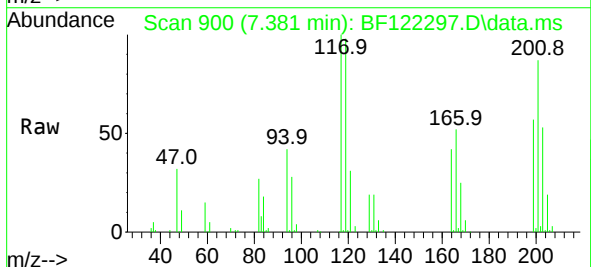
mohammad

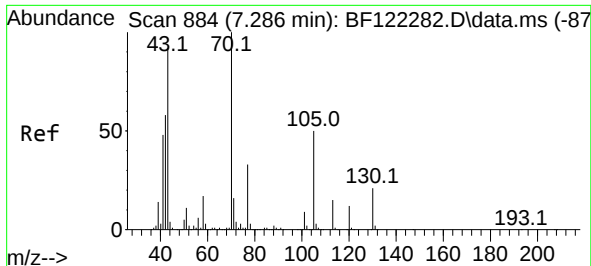
11/11/2020 10:32:10 AM



#18
Hexachloroethane
Concen: 8.75 ng
RT: 7.381 min Scan# 900
Delta R.T. -0.006 min
Lab File: BF122297.D
Acq: 10 Nov 2020 14:23

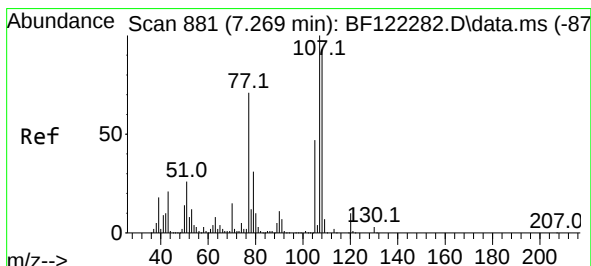
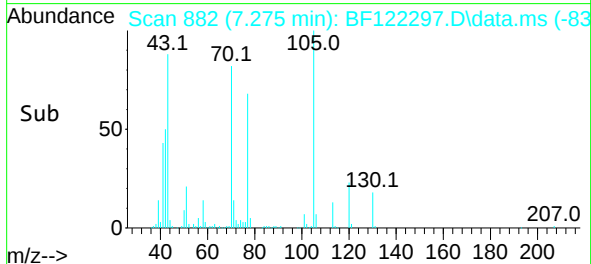
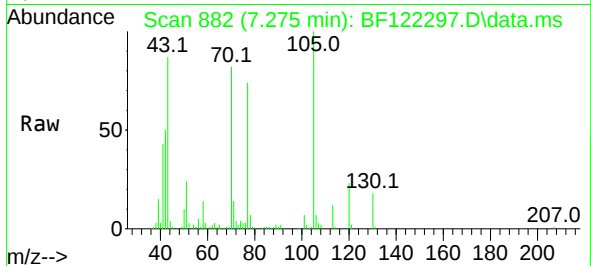
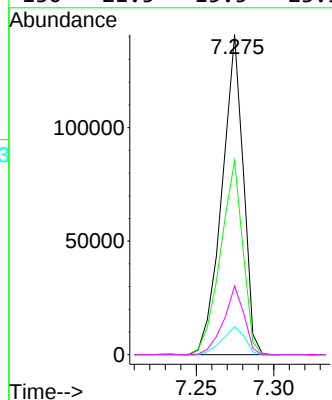
Tgt Ion:	117	Resp:	71689
Ion	Ratio	Lower	Upper
117	100		
119	97.7	76.3	114.5
201	87.0	71.8	107.6





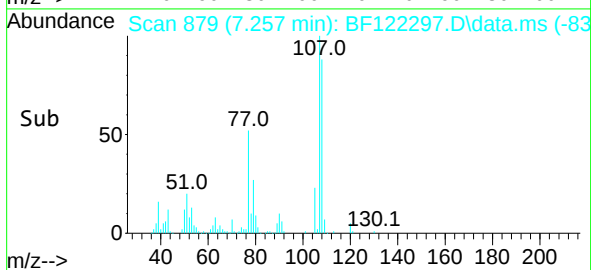
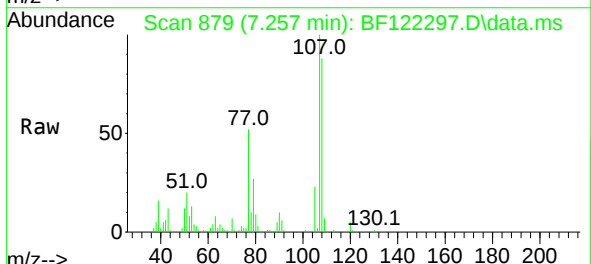
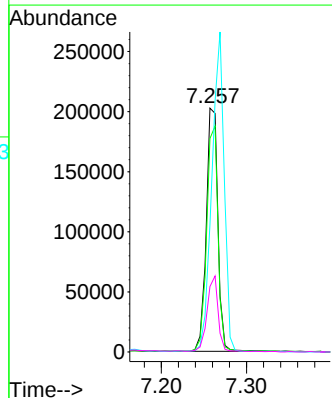
#19
n-Nitroso-di-n-propylamine
Concen: 8.66 ng
RT: 7.275 min Scan# 882
Delta R.T. -0.011 min
Lab File: BF122297.D
Acq: 10 Nov 2020 14:23

Tgt Ion:	70	Resp:	134702
Ion Ratio	Lower	Upper	
70	100		
42	60.6	50.2	75.4
101	8.7	7.5	11.3
130	21.5	15.5	23.3



#20
3+4-Methylphenols
Concen: 9.02 ng
RT: 7.257 min Scan# 879
Delta R.T. -0.011 min
Lab File: BF122297.D
Acq: 10 Nov 2020 14:23

Tgt Ion:	107	Resp:	191242
Ion Ratio	Lower	Upper	
107	100		
108	87.5	68.9	108.9
77	52.2	108.0	148.0#
79	26.8	10.5	50.5

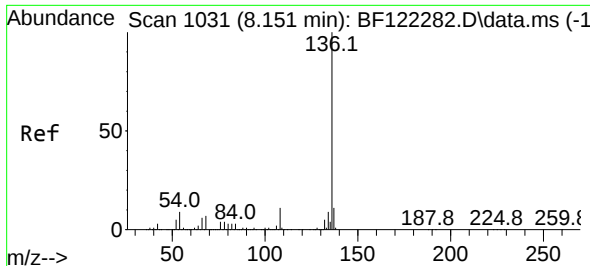


Instrument :
BNA_F
ClientSampleId :
LOD-MDL-WATER-01-QT4-2020

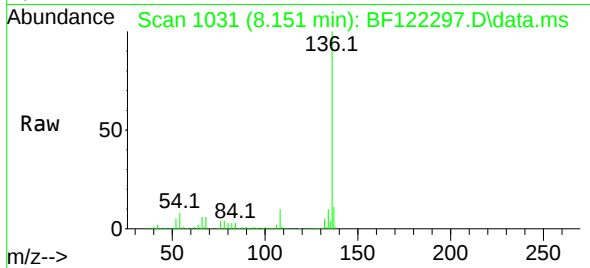
Manual Integrations
APPROVED

mohammad

11/11/2020 10:32:10 AM

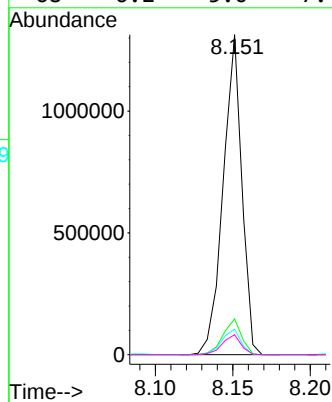


#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.151 min Scan# 1031
Delta R.T. 0.000 min
Lab File: BF122297.D
Acq: 10 Nov 2020 14:23



Tgt Ion:136 Resp: 1099917

Ion	Ratio	Lower	Upper
136	100		
137	11.2	8.6	13.0
54	7.9	7.1	10.7
68	6.2	5.0	7.4

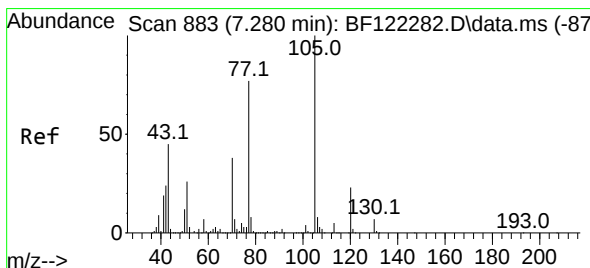


Instrument :
BNA_F
ClientSampleId :
LOD-MDL-WATER-01-QT4-2020

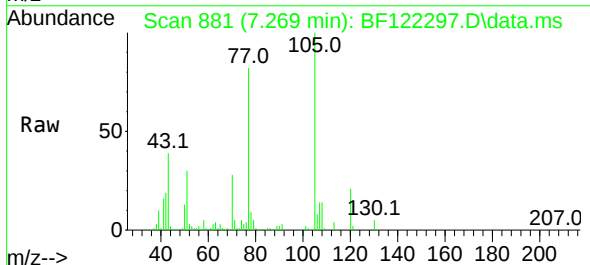
Manual Integrations
APPROVED

mohammad

11/11/2020 10:32:10 AM

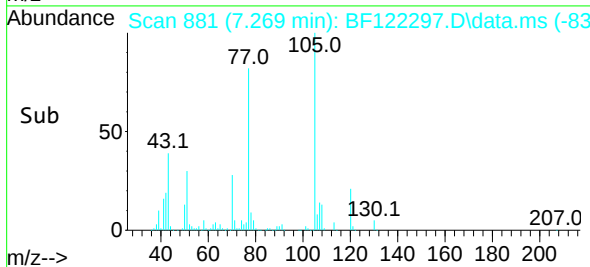
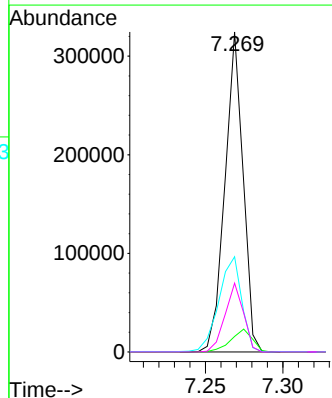


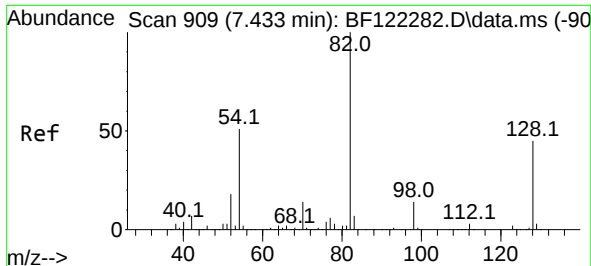
#22
Acetophenone
Concen: 9.20 ng
RT: 7.269 min Scan# 881
Delta R.T. -0.011 min
Lab File: BF122297.D
Acq: 10 Nov 2020 14:23



Tgt Ion:105 Resp: 263715

Ion	Ratio	Lower	Upper
105	100		
71	4.9	5.3	7.9#
51	29.8	33.2	49.8#
120	21.5	17.4	26.0





#23

Nitrobenzene-d5

Concen: 125.54 ng

RT: 7.434 min Scan# 909

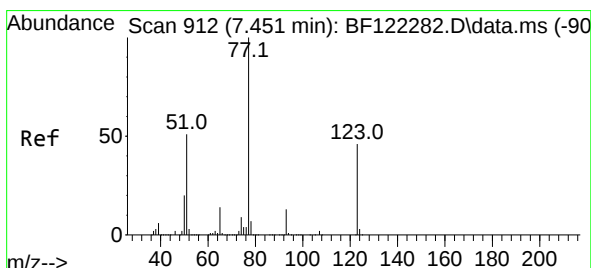
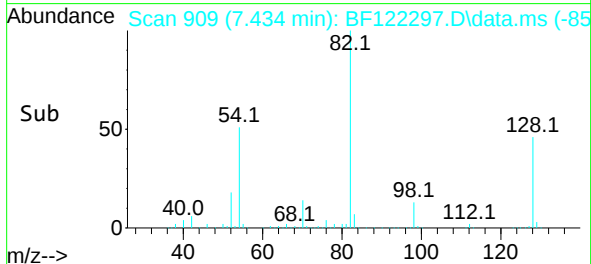
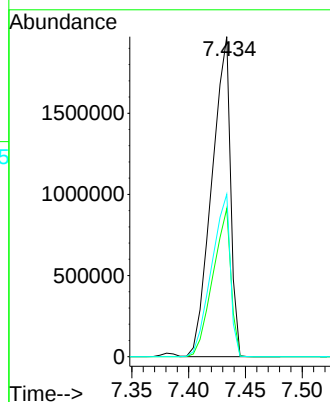
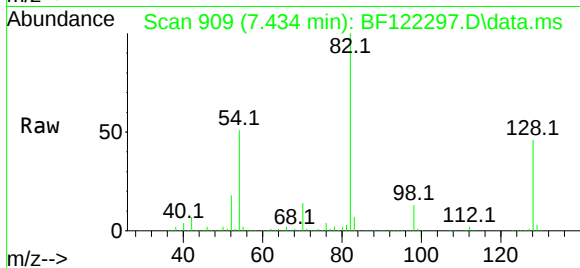
Delta R.T. 0.000 min

Lab File: BF122297.D

Acq: 10 Nov 2020 14:23

Tgt Ion: 82 Resp: 2255554

Ion	Ratio	Lower	Upper
82	100		
128	46.2	35.0	52.4
54	50.7	43.9	65.9



#24

Nitrobenzene

Concen: 9.89 ng

RT: 7.445 min Scan# 911

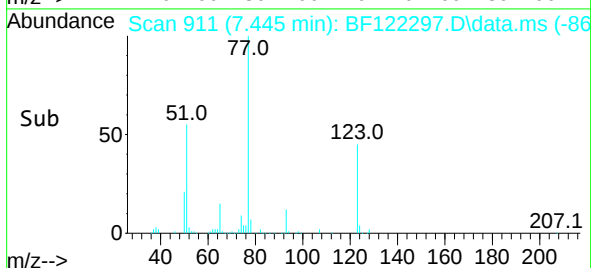
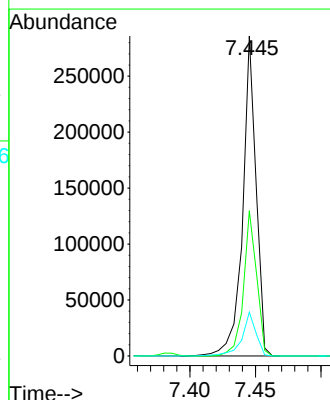
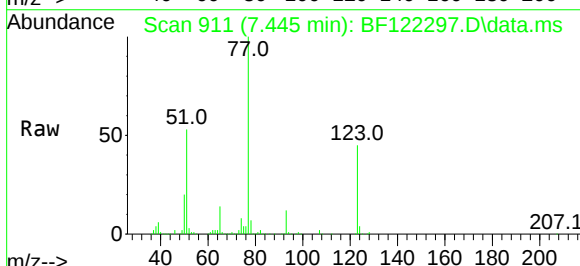
Delta R.T. -0.006 min

Lab File: BF122297.D

Acq: 10 Nov 2020 14:23

Tgt Ion: 77 Resp: 203390

Ion	Ratio	Lower	Upper
77	100		
123	45.4	35.6	53.4
65	13.7	11.2	16.8



Instrument :

BNA_F

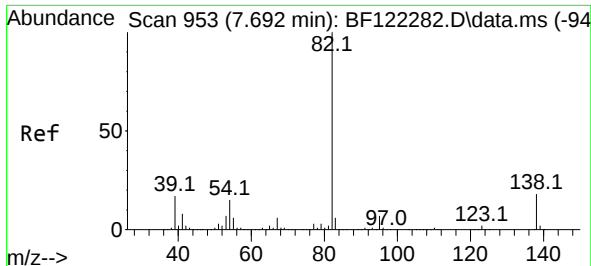
ClientSampleId :

LOD-MDL-WATER-01-QT4-2020

Manual Integrations
APPROVED

mohammad

11/11/2020 10:32:10 AM



#25
Isophorone
Concen: 8.79 ng
RT: 7.681 min Scan# 951
Delta R.T. -0.011 min
Lab File: BF122297.D
Acq: 10 Nov 2020 14:23

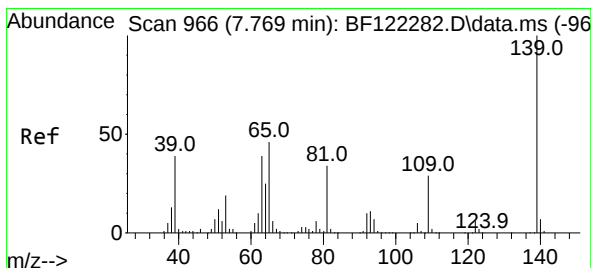
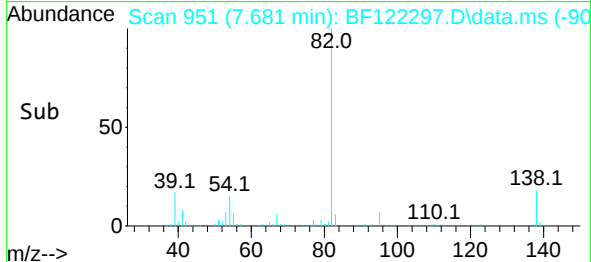
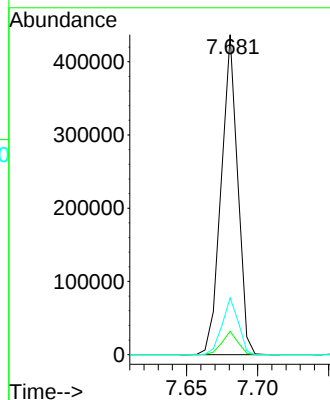
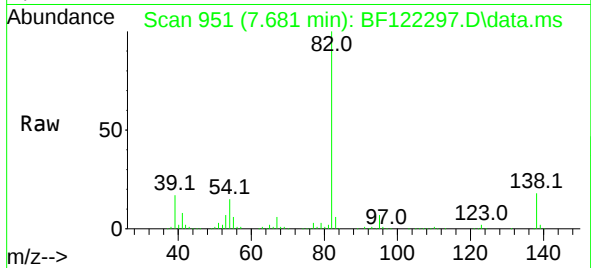
Tgt Ion: 82 Resp: 352015
Ion Ratio Lower Upper
82 100
95 7.3 5.4 8.0
138 17.7 13.4 20.0

Instrument :
BNA_F
ClientSampleId :
LOD-MDL-WATER-01-QT4-2020

Manual Integrations
APPROVED

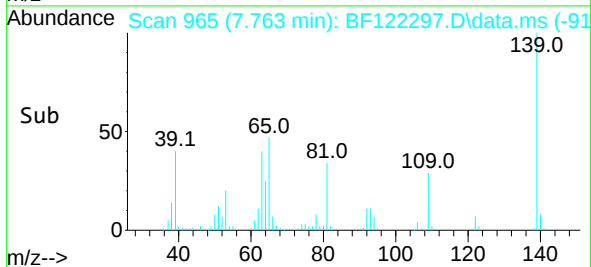
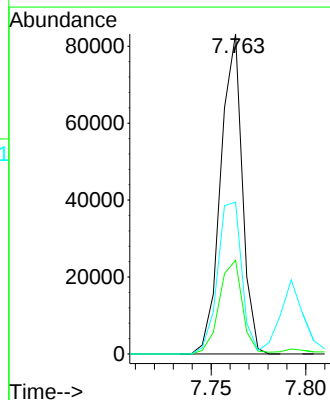
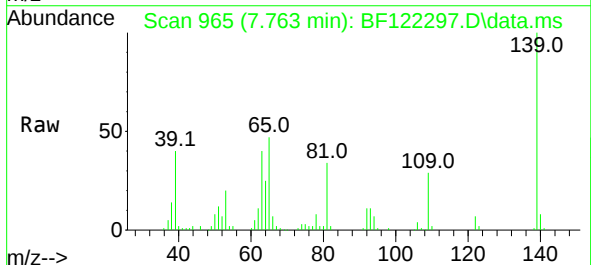
mohammad

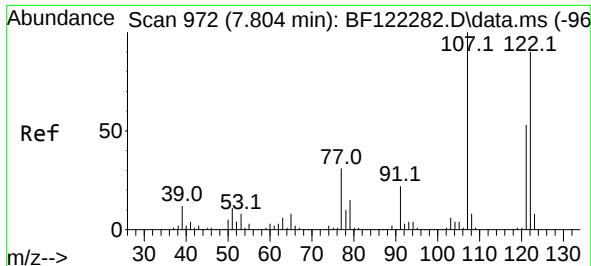
11/11/2020 10:32:10 AM



#26
2-Nitrophenol
Concen: 9.49 ng
RT: 7.763 min Scan# 965
Delta R.T. -0.006 min
Lab File: BF122297.D
Acq: 10 Nov 2020 14:23

Tgt Ion: 139 Resp: 65858
Ion Ratio Lower Upper
139 100
109 29.3 23.0 34.4
65 47.5 39.9 59.9





#27

2,4-Dimethylphenol

Concen: 9.24 ng

RT: 7.792 min Scan# 970

Delta R.T. -0.012 min

Lab File: BF122297.D

Acq: 10 Nov 2020 14:23

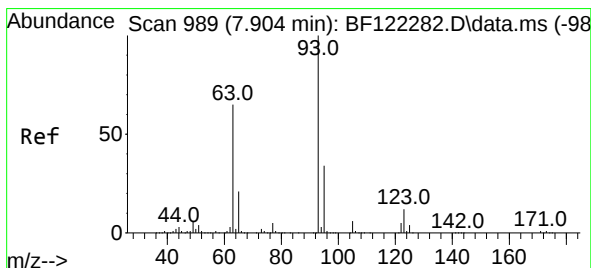
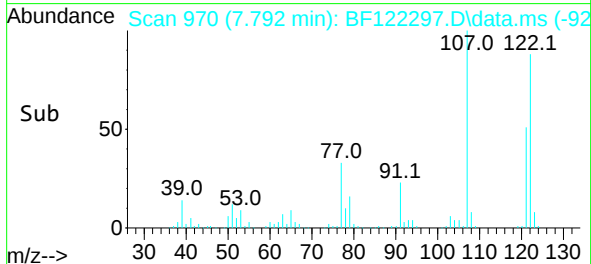
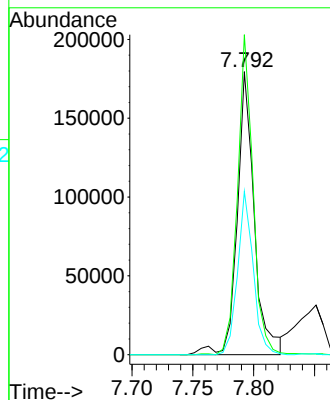
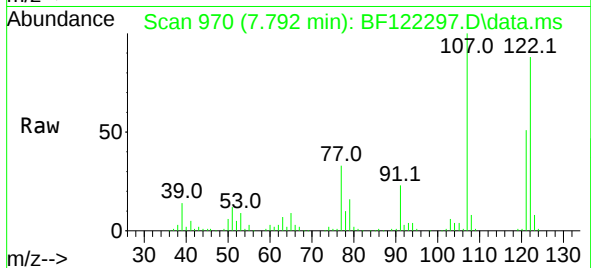
Tgt Ion: 122 Resp: 174628

Ion Ratio Lower Upper

122 100

107 113.1 90.8 136.2

121 57.7 47.5 71.3



#28

bis(2-Chloroethoxy)methane

Concen: 9.00 ng

RT: 7.892 min Scan# 987

Delta R.T. -0.011 min

Lab File: BF122297.D

Acq: 10 Nov 2020 14:23

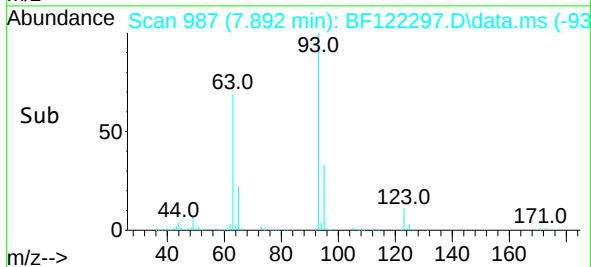
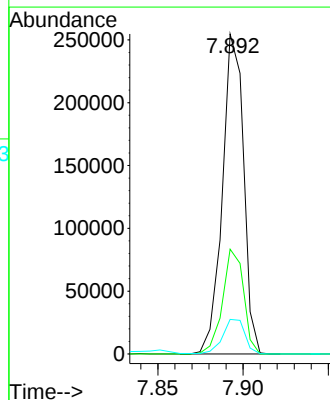
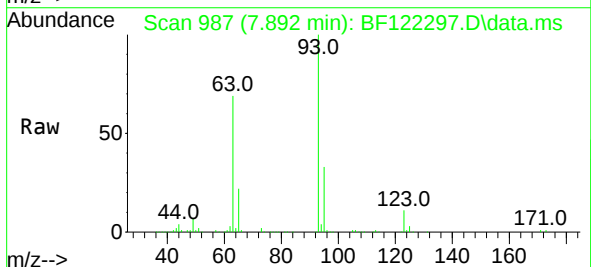
Tgt Ion: 93 Resp: 220485

Ion Ratio Lower Upper

93 100

95 32.7 26.2 39.4

123 10.8 8.8 13.2



Instrument :

BNA_F

ClientSampleId :

LOD-MDL-WATER-01-QT4-2020

Manual Integrations

APPROVED

mohammad

11/11/2020 10:32:10 AM



#29
2,4-Dichlorophenol
Concen: 8.87 ng
RT: 7.998 min Scan# 1005
Delta R.T. -0.006 min
Lab File: BF122297.D
Acq: 10 Nov 2020 14:23

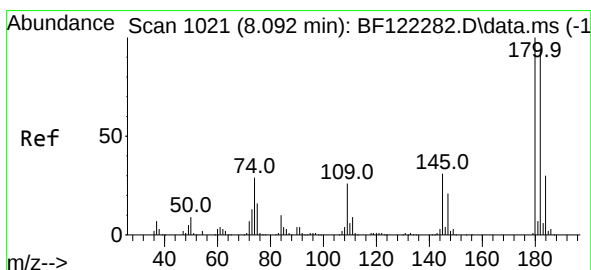
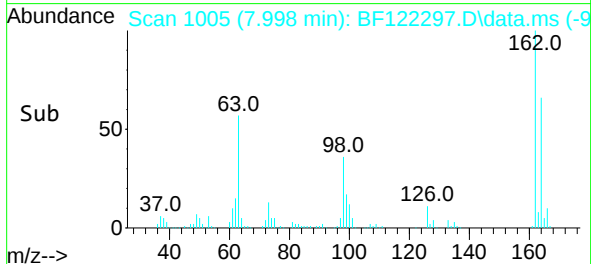
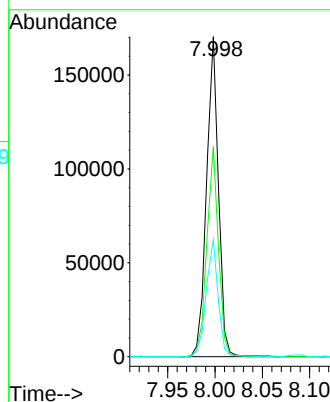
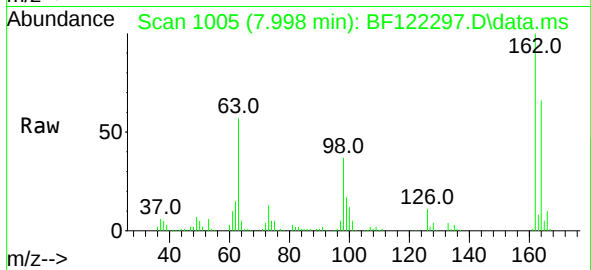
Tgt Ion:162 Resp: 148300
Ion Ratio Lower Upper
162 100
164 65.6 42.5 82.5
98 36.6 20.1 60.1

Instrument :
BNA_F
ClientSampleId :
LOD-MDL-WATER-01-QT4-2020

Manual Integrations
APPROVED

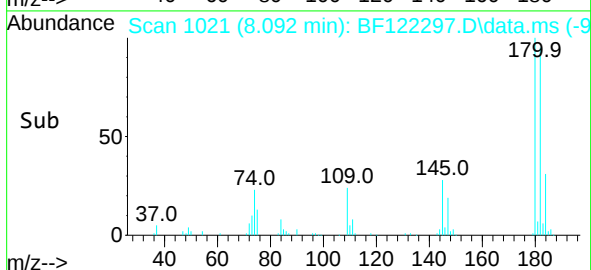
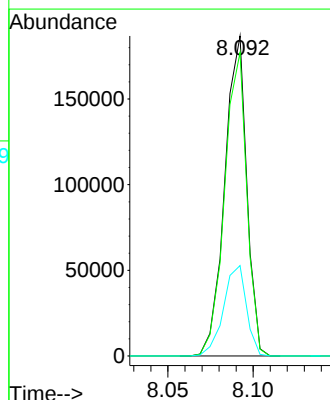
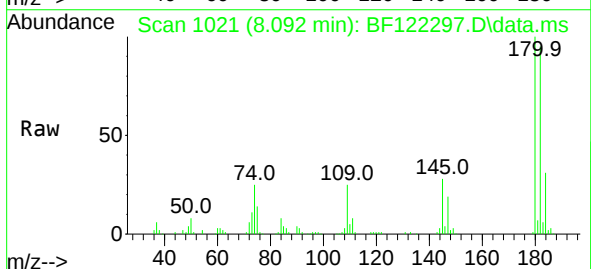
mohammad

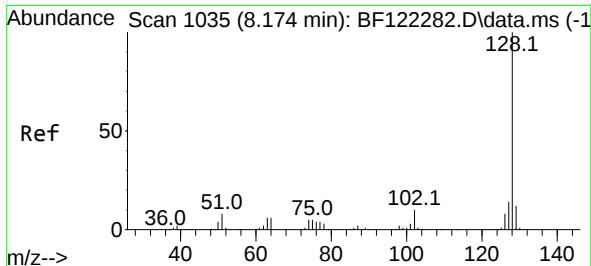
11/11/2020 10:32:10 AM



#30
1,2,4-Trichlorobenzene
Concen: 9.08 ng
RT: 8.092 min Scan# 1021
Delta R.T. 0.000 min
Lab File: BF122297.D
Acq: 10 Nov 2020 14:23

Tgt Ion:180 Resp: 167563
Ion Ratio Lower Upper
180 100
182 94.9 79.4 119.2
145 28.2 25.5 38.3





#31
Naphthalene
Concen: 9.27 ng
RT: 8.169 min Scan# 1034
Delta R.T. -0.006 min
Lab File: BF122297.D
Acq: 10 Nov 2020 14:23

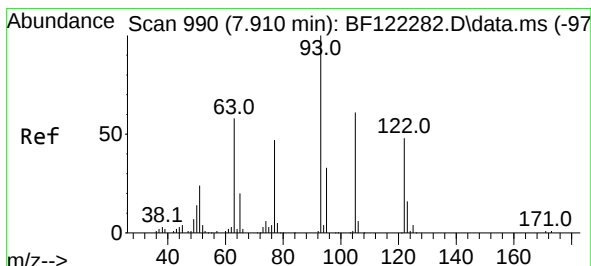
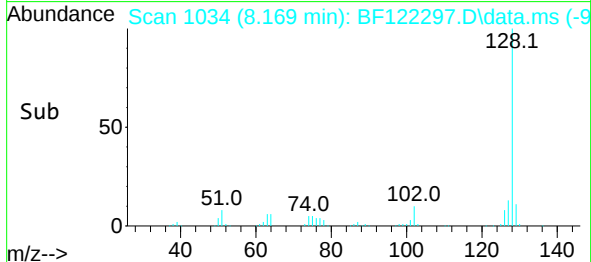
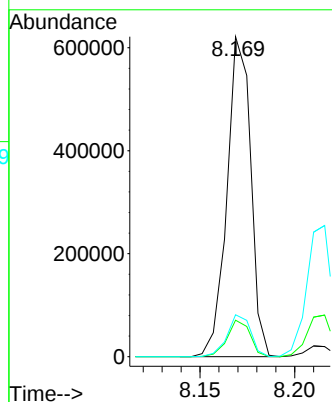
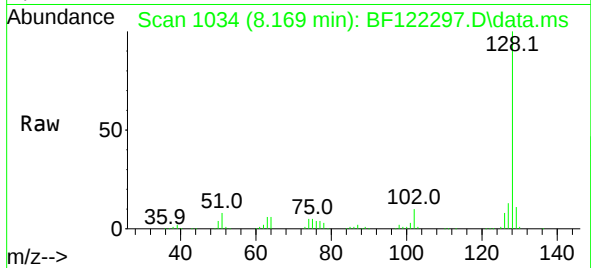
Tgt Ion:128 Resp: 541836
Ion Ratio Lower Upper
128 100
129 11.4 8.7 13.1
127 13.1 10.8 16.2

Instrument :
BNA_F
ClientSampleId :
LOD-MDL-WATER-01-QT4-2020

Manual Integrations
APPROVED

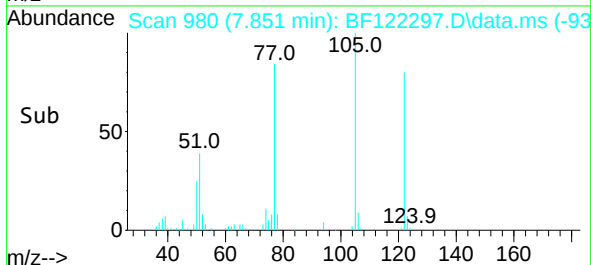
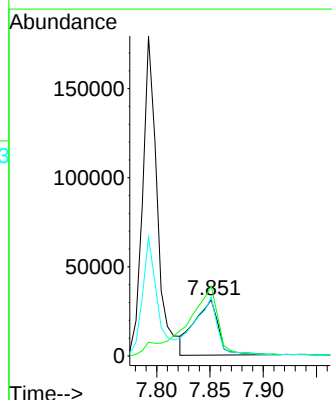
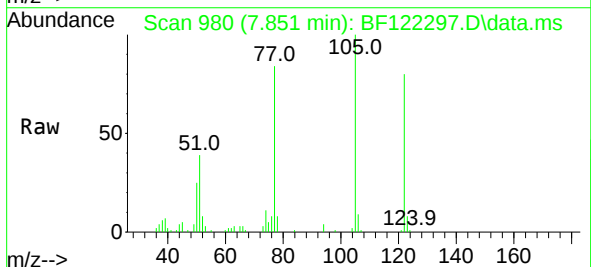
mohammad

11/11/2020 10:32:10 AM



#32
Benzoic acid
Concen: 5.75 ng
RT: 7.851 min Scan# 980
Delta R.T. -0.059 min
Lab File: BF122297.D
Acq: 10 Nov 2020 14:23

Tgt Ion:122 Resp: 49039
Ion Ratio Lower Upper
122 100
105 124.4 103.3 143.3
77 104.6 73.9 113.9





#33
4-Chloroaniline
Concen: 8.95 ng
RT: 8.216 min Scan# 1042
Delta R.T. -0.006 min
Lab File: BF122297.D
Acq: 10 Nov 2020 14:23

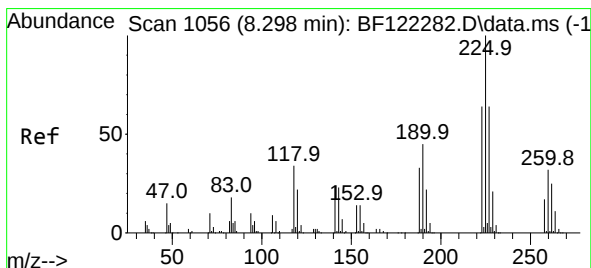
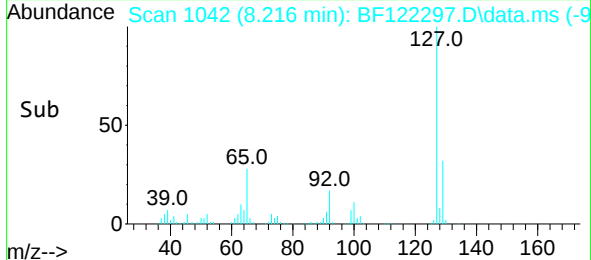
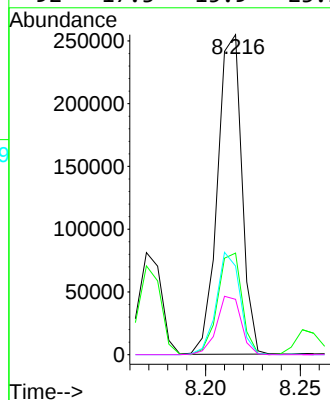
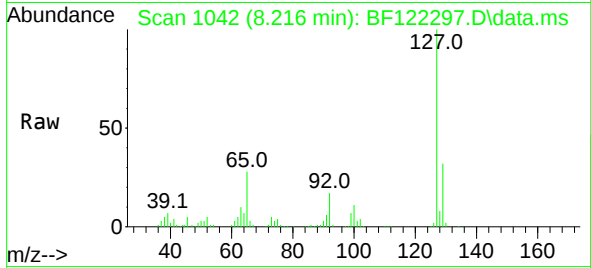
Tgt Ion	Ratio	Lower	Upper
127	100		
129	31.7	26.3	39.5
65	27.7	26.2	39.2
92	17.3	15.9	23.9

Instrument :
BNA_F
ClientSampleId :
LOD-MDL-WATER-01-QT4-2020

Manual Integrations
APPROVED

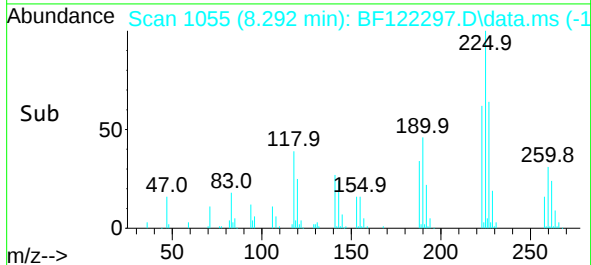
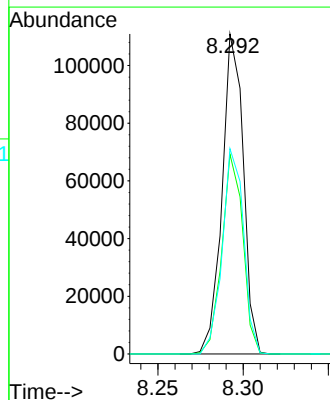
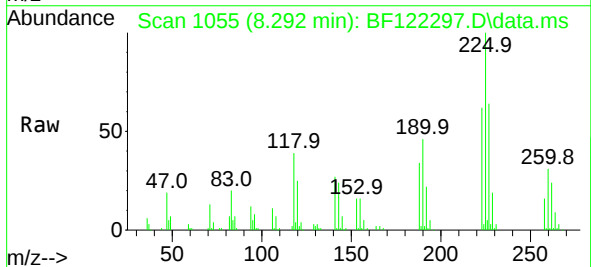
mohammad

11/11/2020 10:32:10 AM



#34
Hexachlorobutadiene
Concen: 9.04 ng
RT: 8.292 min Scan# 1055
Delta R.T. -0.006 min
Lab File: BF122297.D
Acq: 10 Nov 2020 14:23

Tgt Ion	Ratio	Lower	Upper
225	100		
223	62.4	51.1	76.7
227	64.2	51.0	76.6





#35
Caprolactam
Concen: 8.48 ng
RT: 8.551 min Scan# 1099
Delta R.T. -0.041 min
Lab File: BF122297.D
Acq: 10 Nov 2020 14:23

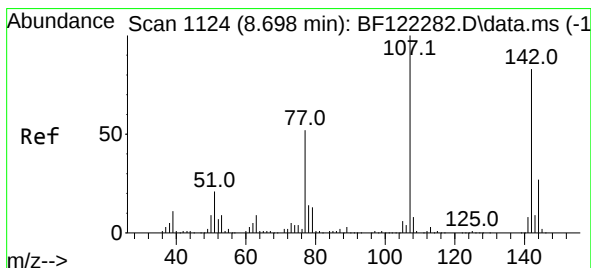
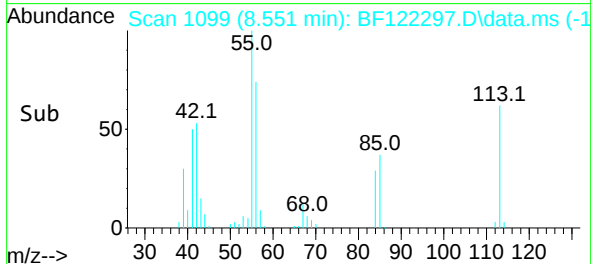
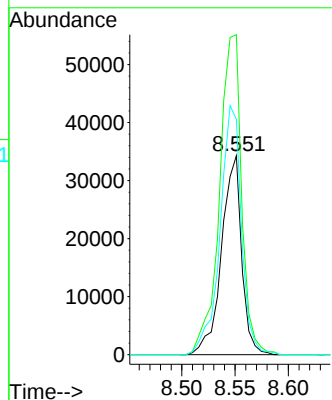
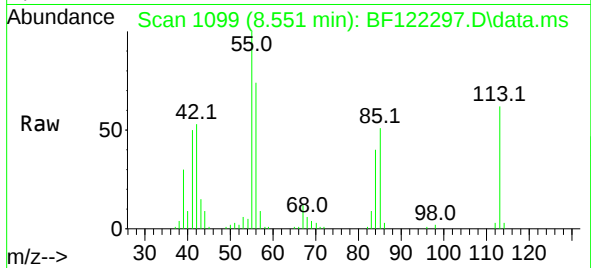
Tgt Ion:113 Resp: 44950
Ion Ratio Lower Upper
113 100
55 160.9 167.5 207.5#
56 118.3 121.2 161.2#

Instrument :
BNA_F
ClientSampleId :
LOD-MDL-WATER-01-QT4-2020

Manual Integrations
APPROVED

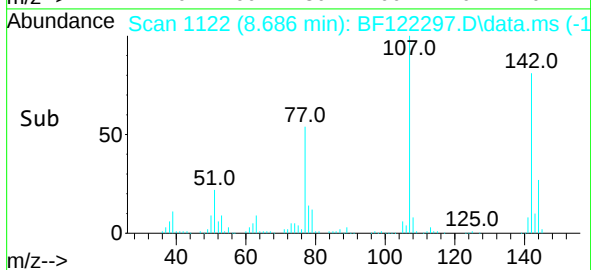
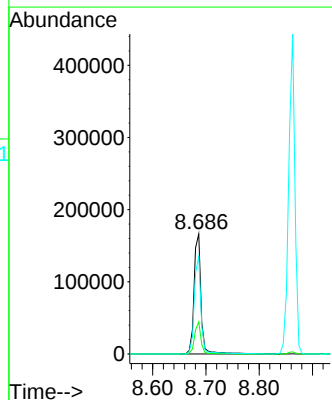
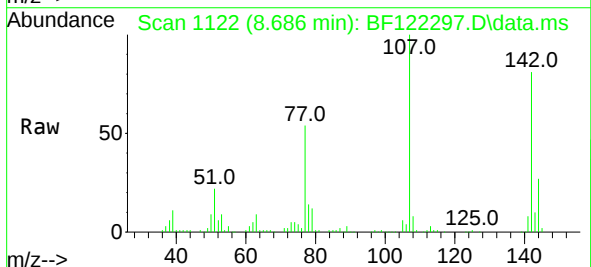
mohammad

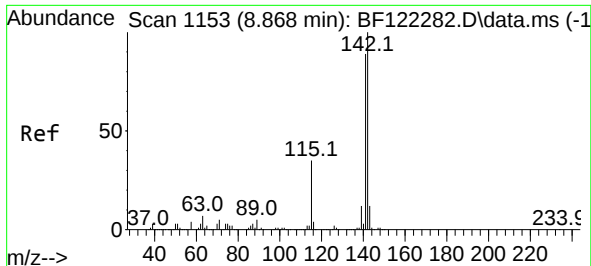
11/11/2020 10:32:10 AM



#36
4-Chloro-3-methylphenol
Concen: 8.72 ng
RT: 8.686 min Scan# 1122
Delta R.T. -0.011 min
Lab File: BF122297.D
Acq: 10 Nov 2020 14:23

Tgt Ion:107 Resp: 152085
Ion Ratio Lower Upper
107 100
144 26.9 20.1 30.1
142 81.3 59.3 88.9





#37
2-Methylnaphthalene
Concen: 9.32 ng
RT: 8.863 min Scan# 1152
Delta R.T. -0.005 min
Lab File: BF122297.D
Acq: 10 Nov 2020 14:23

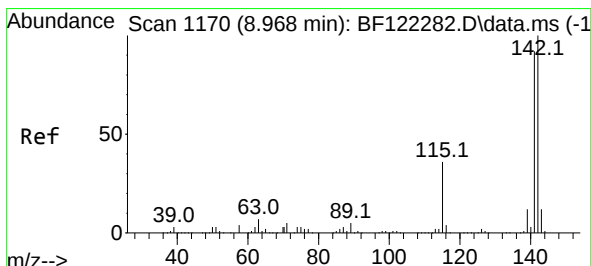
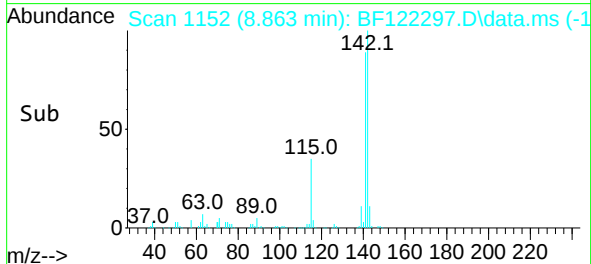
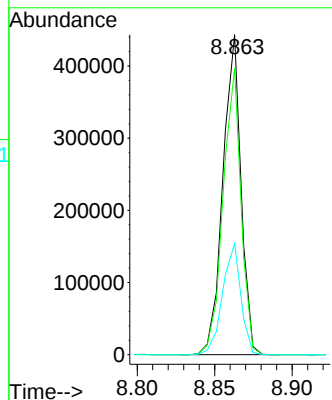
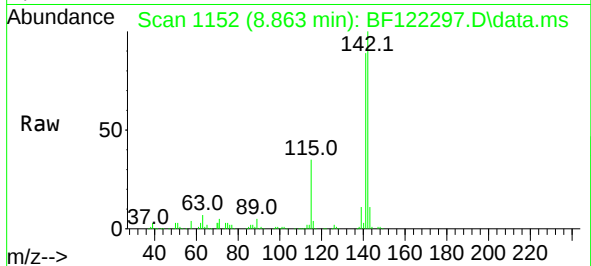
Tgt Ion:142 Resp: 360039
Ion Ratio Lower Upper
142 100
141 89.5 70.2 105.4
115 34.8 28.6 43.0

Instrument :
BNA_F
ClientSampleId :
LOD-MDL-WATER-01-QT4-2020

Manual Integrations
APPROVED

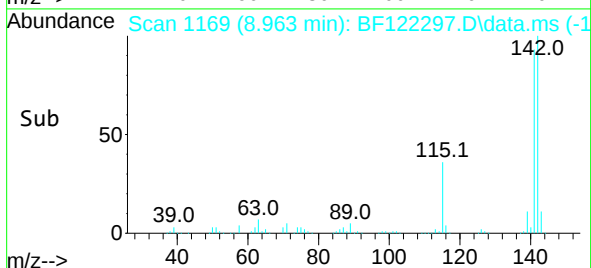
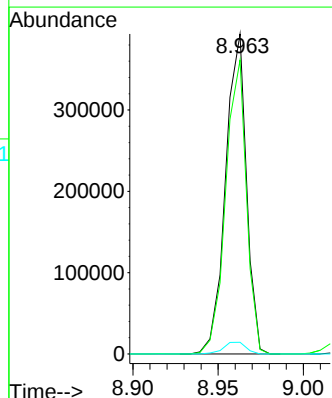
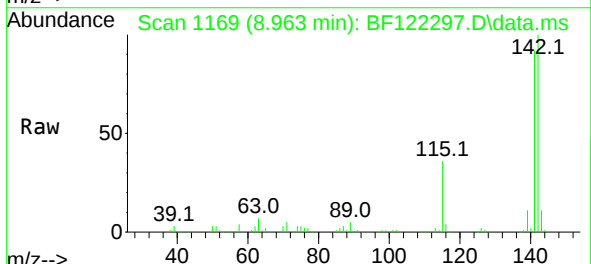
mohammad

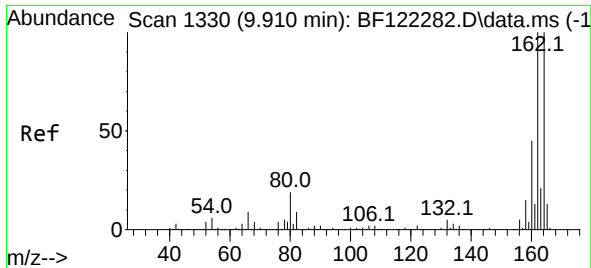
11/11/2020 10:32:10 AM



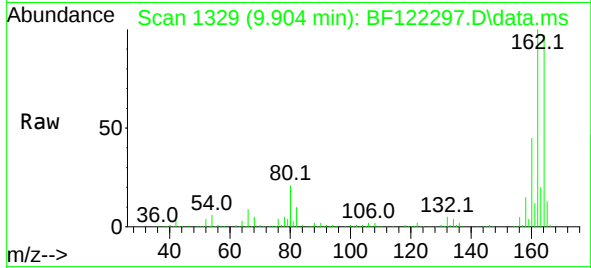
#38
1-Methylnaphthalene
Concen: 9.25 ng
RT: 8.963 min Scan# 1169
Delta R.T. -0.006 min
Lab File: BF122297.D
Acq: 10 Nov 2020 14:23

Tgt Ion:142 Resp: 334688
Ion Ratio Lower Upper
142 100
141 91.9 74.5 111.7
116 3.7 3.2 4.8

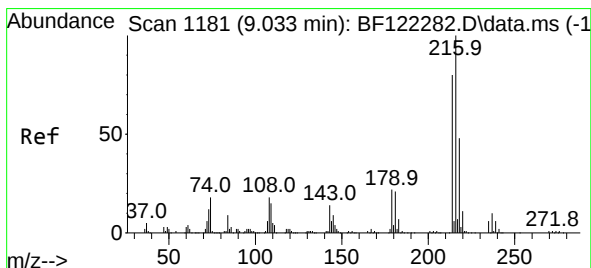
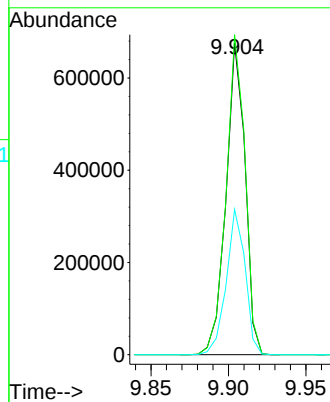
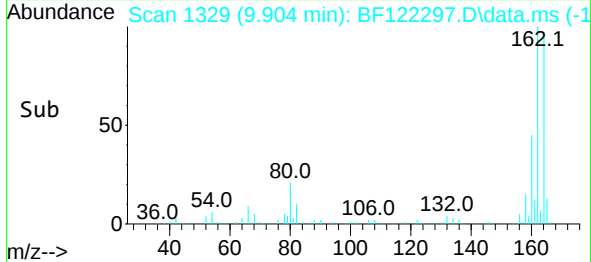




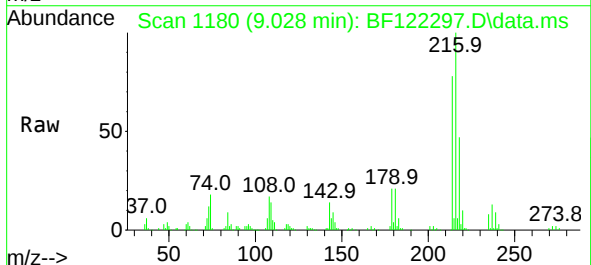
#39
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.904 min Scan# 1329
Delta R.T. -0.006 min
Lab File: BF122297.D
Acq: 10 Nov 2020 14:23



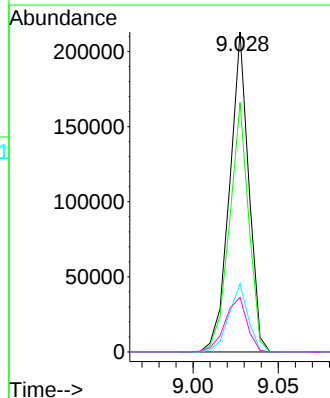
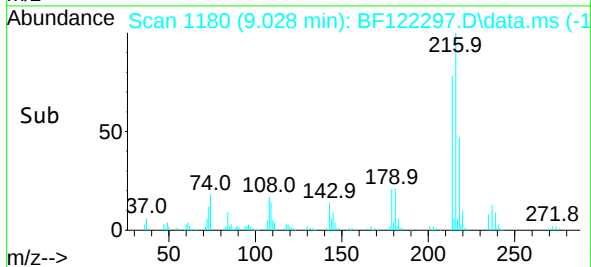
Tgt Ion:164 Resp: 580000
Ion Ratio Lower Upper
164 100
162 102.8 83.2 124.8
160 46.7 37.5 56.3



#40
1,2,4,5-Tetrachlorobenzene
Concen: 9.27 ng
RT: 9.028 min Scan# 1180
Delta R.T. -0.006 min
Lab File: BF122297.D
Acq: 10 Nov 2020 14:23



Tgt Ion:216 Resp: 165728
Ion Ratio Lower Upper
216 100
214 78.2 63.4 95.2
179 21.4 17.0 25.6
108 19.8 15.5 23.3



Instrument :
BNA_F
ClientSampleId :
LOD-MDL-WATER-01-QT4-2020

Manual Integrations
APPROVED

mohammad

11/11/2020 10:32:10 AM



#41
Hexachlorocyclopentadiene
Concen: 8.48 ng
RT: 9.022 min Scan# 1179
Delta R.T. -0.006 min
Lab File: BF122297.D
Acq: 10 Nov 2020 14:23

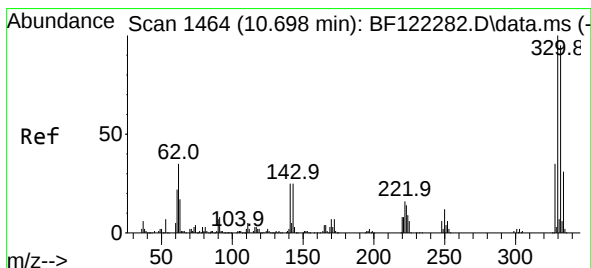
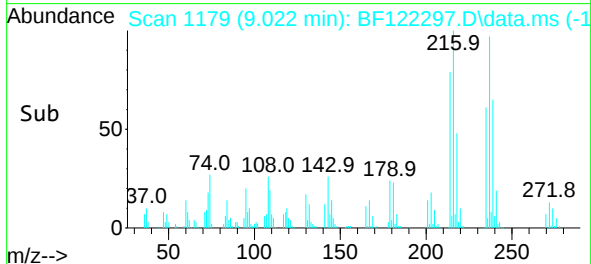
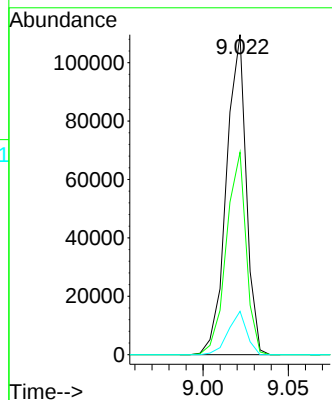
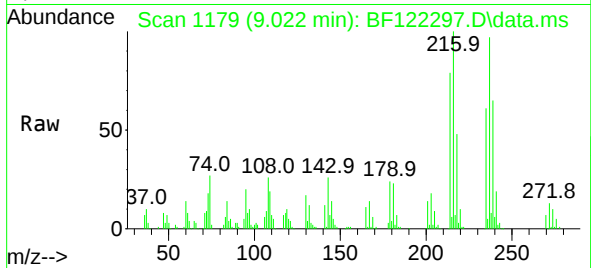
Tgt Ion:	237	Resp:	88610
Ion Ratio	Lower	Upper	
237	100		
235	63.2	41.8	81.8
272	13.6	0.0	33.5

Instrument :
BNA_F
ClientSampleId :
LOD-MDL-WATER-01-QT4-2020

Manual Integrations
APPROVED

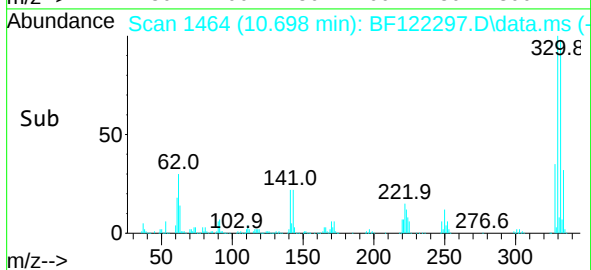
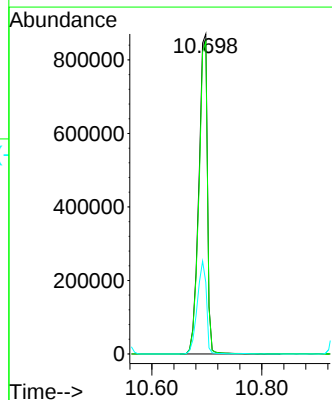
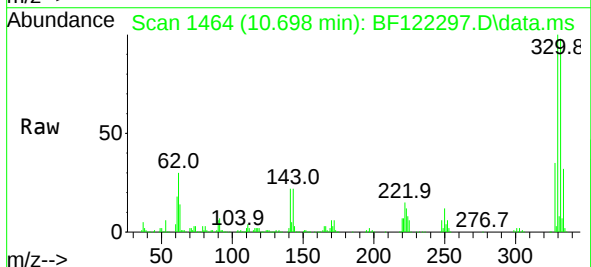
mohammad

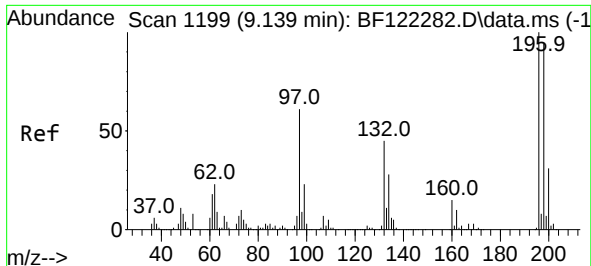
11/11/2020 10:32:10 AM



#42
2,4,6-Tribromophenol
Concen: 152.47 ng
RT: 10.698 min Scan# 1464
Delta R.T. 0.000 min
Lab File: BF122297.D
Acq: 10 Nov 2020 14:23

Tgt Ion:	330	Resp:	949116
Ion Ratio	Lower	Upper	
330	100		
332	96.6	77.3	115.9
141	30.6	22.3	33.5





#43
2,4,6-Trichlorophenol
Concen: 8.64 ng
RT: 9.133 min Scan# 1198
Delta R.T. -0.006 min
Lab File: BF122297.D
Acq: 10 Nov 2020 14:23

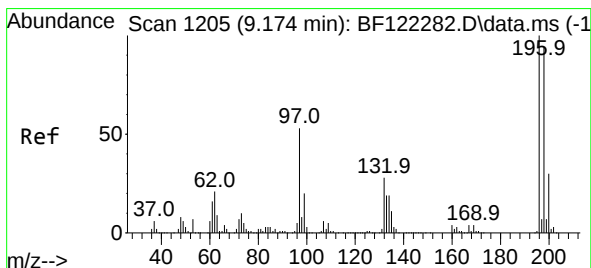
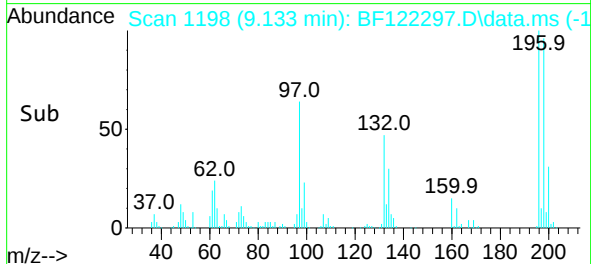
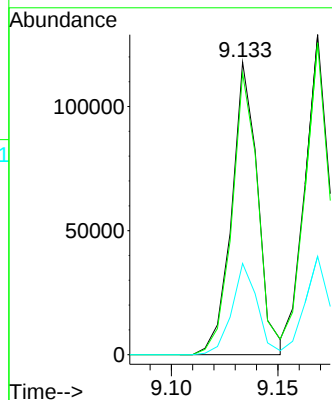
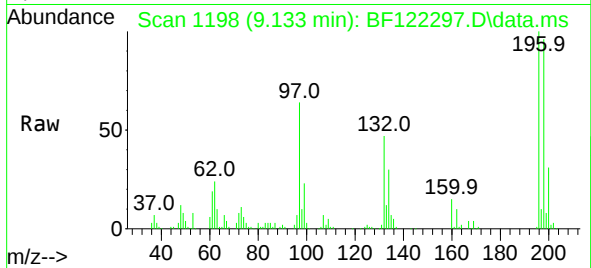
Tgt Ion:196 Resp: 100332
Ion Ratio Lower Upper
196 100
198 96.2 75.8 113.6
200 31.2 24.6 36.8

Instrument :
BNA_F
ClientSampleId :
LOD-MDL-WATER-01-QT4-2020

Manual Integrations
APPROVED

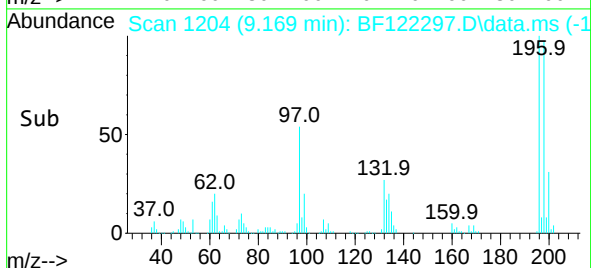
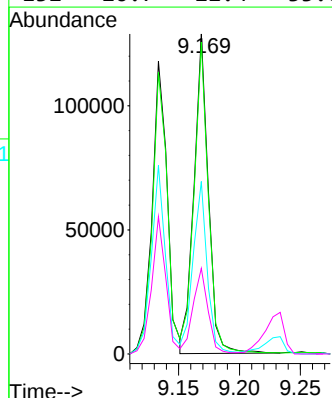
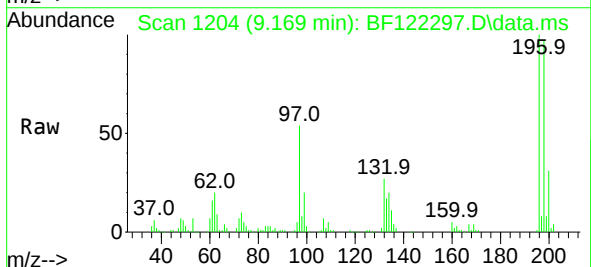
mohammad

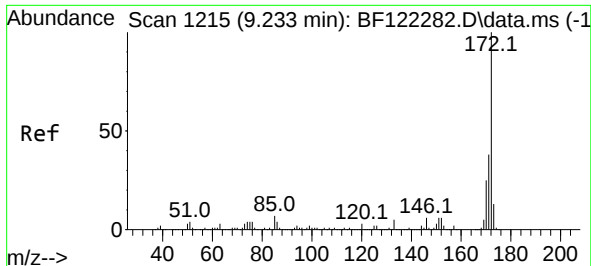
11/11/2020 10:32:10 AM



#44
2,4,5-Trichlorophenol
Concen: 8.74 ng
RT: 9.169 min Scan# 1204
Delta R.T. -0.006 min
Lab File: BF122297.D
Acq: 10 Nov 2020 14:23

Tgt Ion:196 Resp: 106327
Ion Ratio Lower Upper
196 100
198 97.4 76.1 114.1
97 53.9 41.0 61.6
132 26.7 22.4 33.6





#45
2-Fluorobiphenyl
Concen: 97.57 ng
RT: 9.233 min Scan# 1215
Delta R.T. 0.000 min
Lab File: BF122297.D
Acq: 10 Nov 2020 14:23

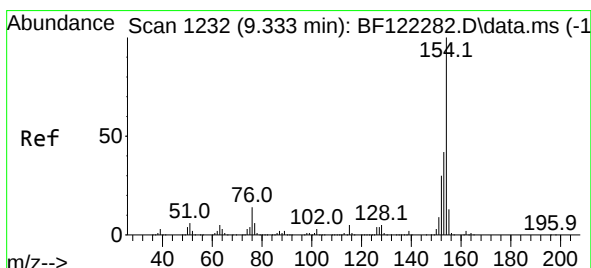
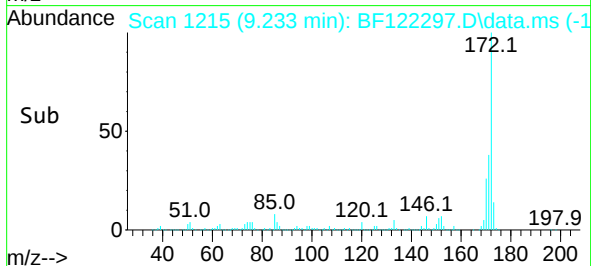
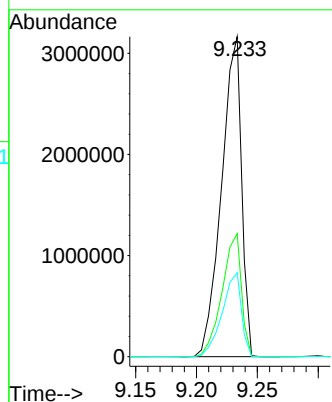
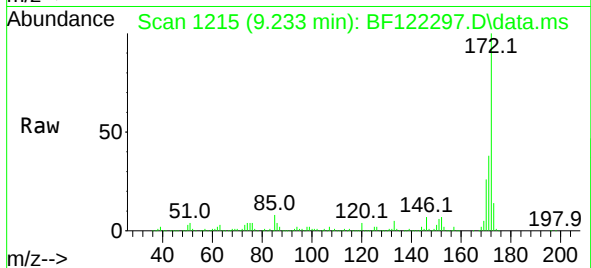
Tgt Ion:172 Resp: 3621853
Ion Ratio Lower Upper
172 100
171 38.5 29.1 43.7
170 26.3 19.8 29.6

Instrument :
BNA_F
ClientSampleId :
LOD-MDL-WATER-01-QT4-2020

Manual Integrations
APPROVED

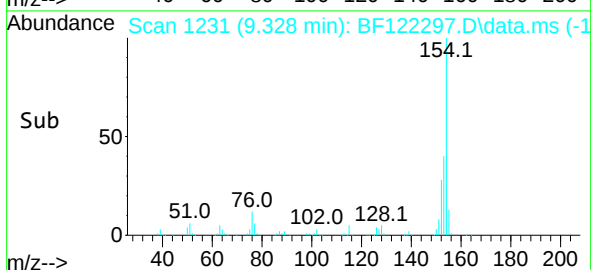
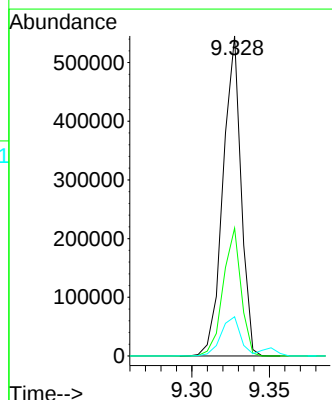
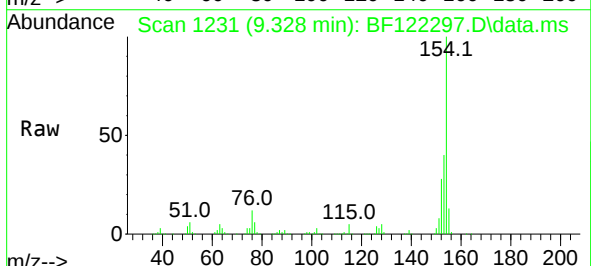
mohammad

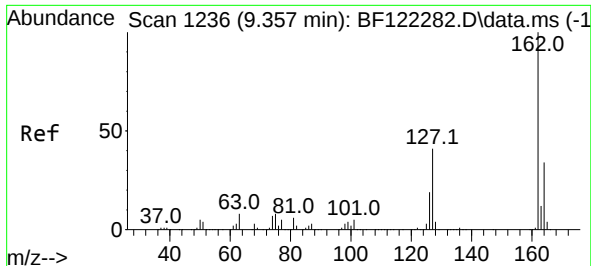
11/11/2020 10:32:10 AM



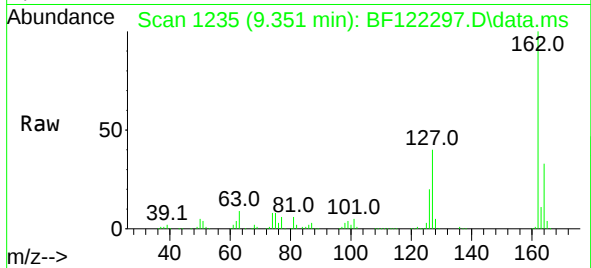
#46
1,1'-Biphenyl
Concen: 9.54 ng
RT: 9.328 min Scan# 1231
Delta R.T. -0.006 min
Lab File: BF122297.D
Acq: 10 Nov 2020 14:23

Tgt Ion:154 Resp: 440580
Ion Ratio Lower Upper
154 100
153 40.0 21.3 61.3
76 12.3 0.0 34.7

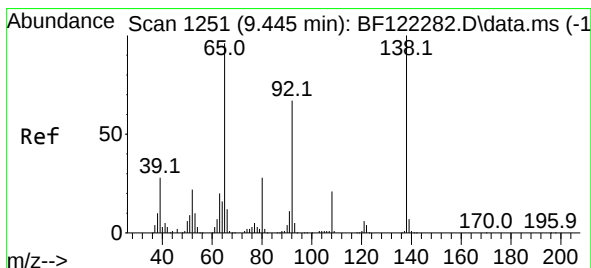
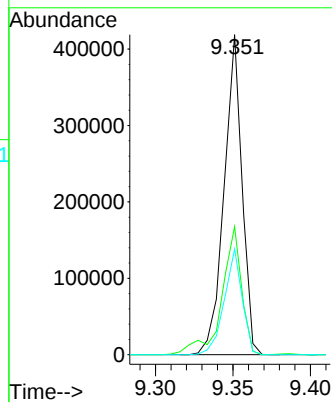
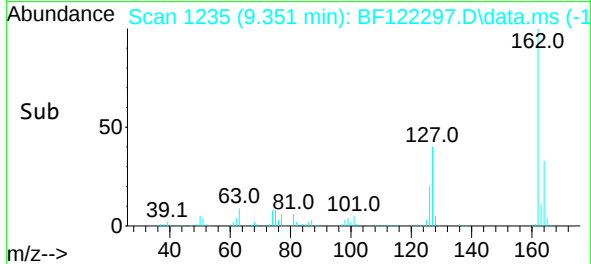




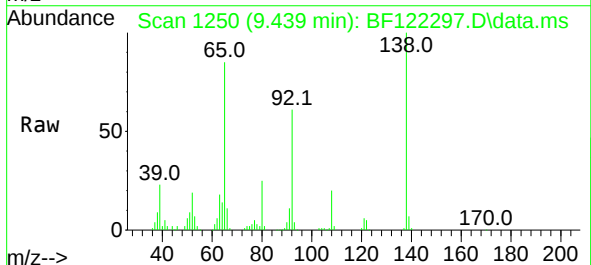
#47
2-Chloronaphthalene
Concen: 9.21 ng
RT: 9.351 min Scan# 1235
Delta R.T. -0.006 min
Lab File: BF122297.D
Acq: 10 Nov 2020 14:23



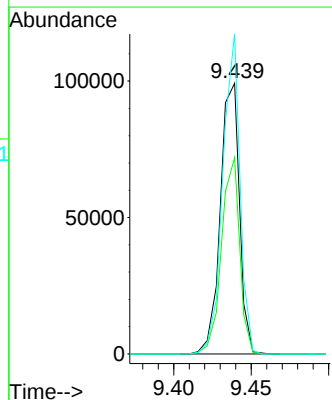
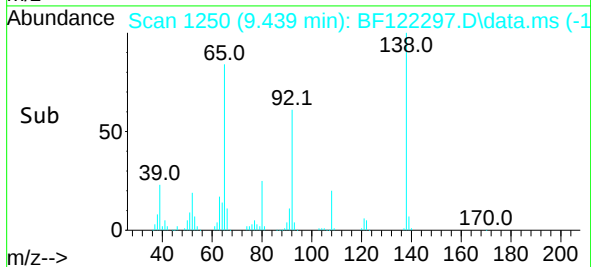
Tgt Ion:162 Resp: 337336
Ion Ratio Lower Upper
162 100
127 40.0 34.4 51.6
164 33.1 26.3 39.5



#48
2-Nitroaniline
Concen: 9.48 ng
RT: 9.439 min Scan# 1250
Delta R.T. -0.006 min
Lab File: BF122297.D
Acq: 10 Nov 2020 14:23



Tgt Ion: 65 Resp: 85285
Ion Ratio Lower Upper
65 100
92 72.5 55.1 82.7
138 118.2 80.5 120.7

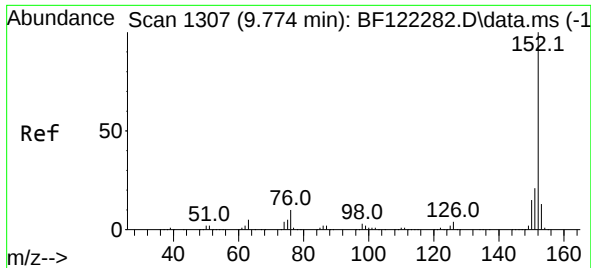


Instrument :
BNA_F
ClientSampleId :
LOD-MDL-WATER-01-QT4-2020

Manual Integrations
APPROVED

mohammad

11/11/2020 10:32:10 AM



#49

Acenaphthylene

Concen: 9.11 ng

RT: 9.763 min Scan# 1305

Delta R.T. -0.011 min

Lab File: BF122297.D

Acq: 10 Nov 2020 14:23

Tgt Ion:	152	Resp:	513065
Ion Ratio	Lower	Upper	
152	100		
151	20.3	16.4	24.6
153	13.0	10.6	15.8

Instrument :

BNA_F

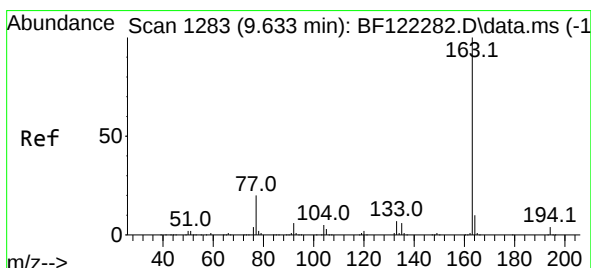
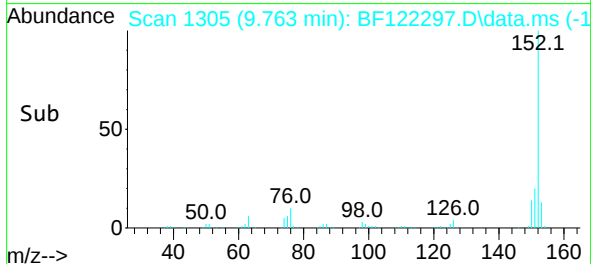
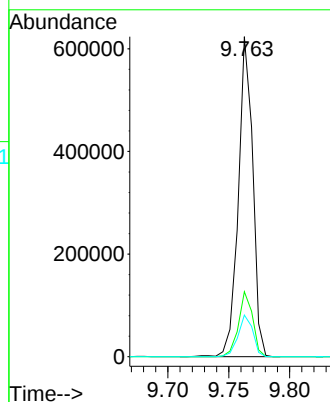
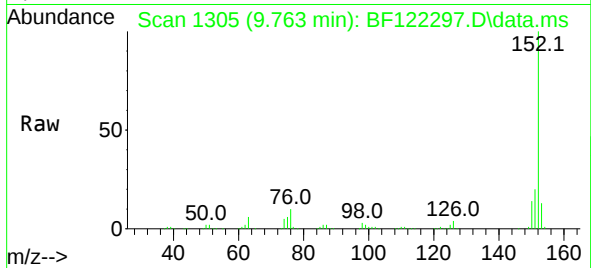
ClientSampleId :

LOD-MDL-WATER-01-QT4-2020

Manual Integrations
APPROVED

mohammad

11/11/2020 10:32:10 AM



#50

Dimethylphthalate

Concen: 9.23 ng

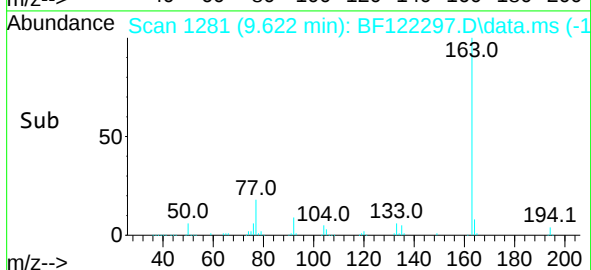
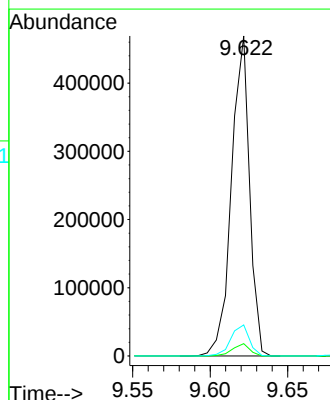
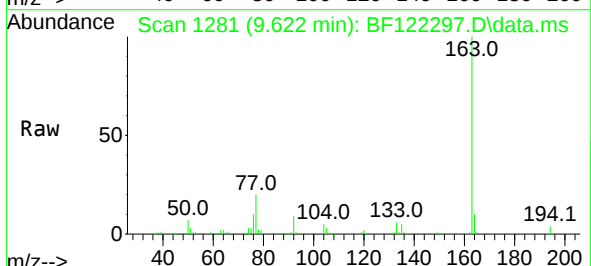
RT: 9.622 min Scan# 1281

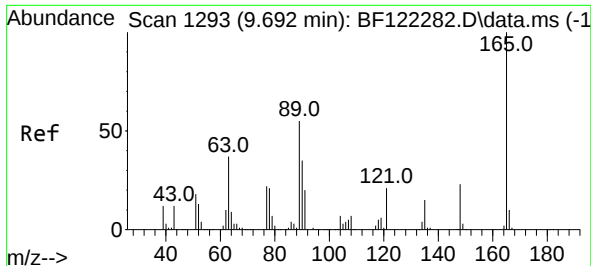
Delta R.T. -0.011 min

Lab File: BF122297.D

Acq: 10 Nov 2020 14:23

Tgt Ion:	163	Resp:	380474
Ion Ratio	Lower	Upper	
163	100		
194	3.8	3.3	4.9
164	9.7	8.2	12.4





#51
2,6-Dinitrotoluene
Concen: 9.37 ng
RT: 9.680 min Scan# 1291
Delta R.T. -0.012 min
Lab File: BF122297.D
Acq: 10 Nov 2020 14:23

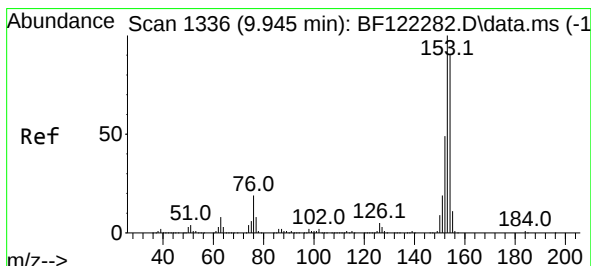
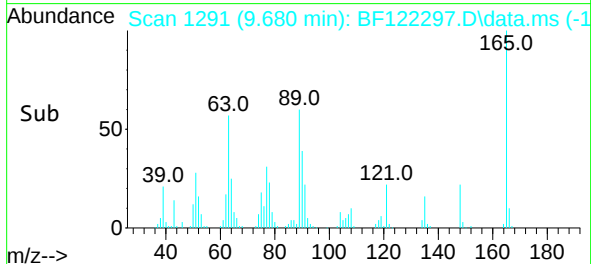
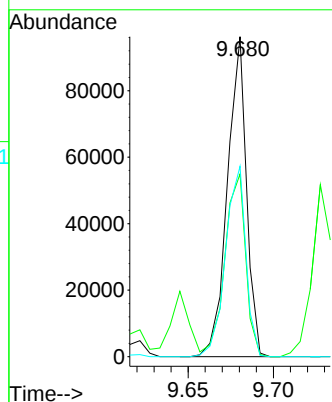
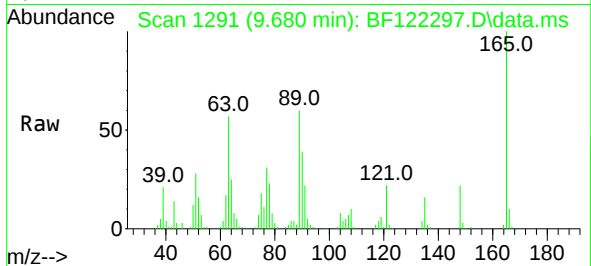
Tgt Ion:165 Resp: 74708
Ion Ratio Lower Upper
165 100
63 57.1 51.8 77.6
89 59.5 49.0 73.6

Instrument :
BNA_F
ClientSampleId :
LOD-MDL-WATER-01-QT4-2020

Manual Integrations
APPROVED

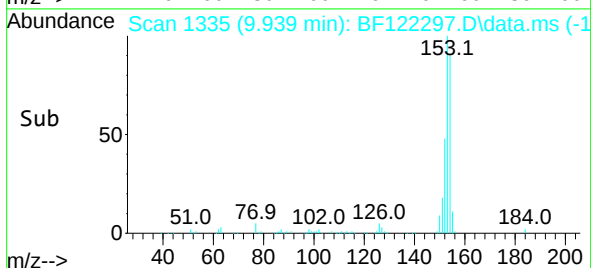
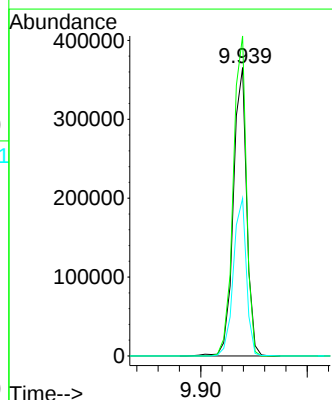
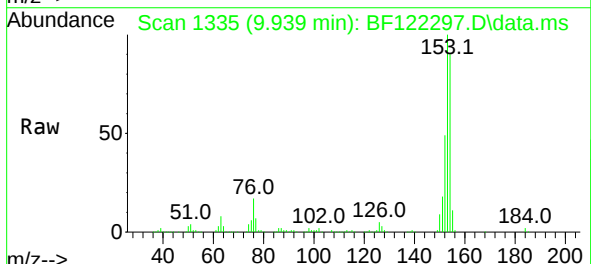
mohammad

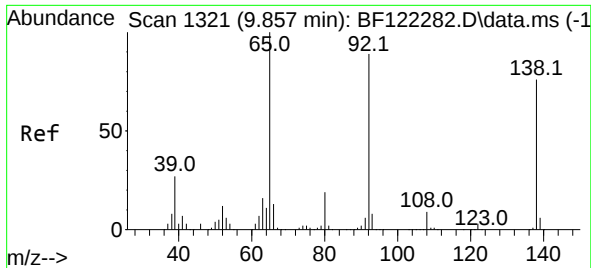
11/11/2020 10:32:10 AM



#52
Acenaphthene
Concen: 9.18 ng
RT: 9.939 min Scan# 1335
Delta R.T. -0.006 min
Lab File: BF122297.D
Acq: 10 Nov 2020 14:23

Tgt Ion:154 Resp: 319912
Ion Ratio Lower Upper
154 100
153 111.0 89.8 134.8
152 54.7 43.2 64.8





#53
3-Nitroaniline
Concen: 9.38 ng
RT: 9.845 min Scan# 1319
Delta R.T. -0.012 min
Lab File: BF122297.D
Acq: 10 Nov 2020 14:23

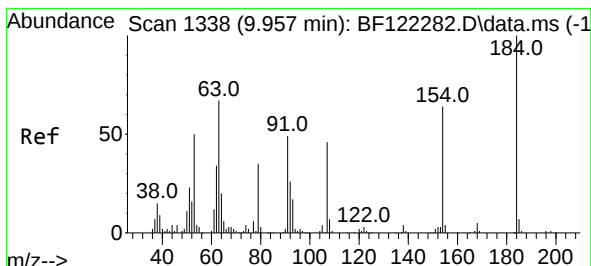
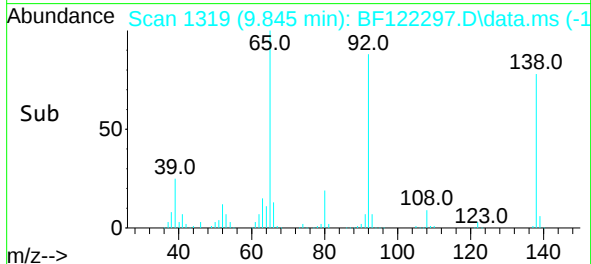
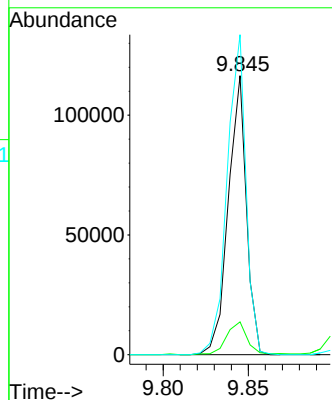
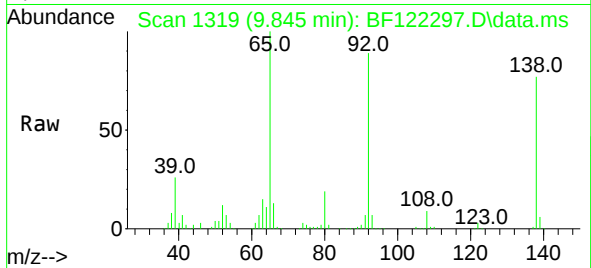
Tgt Ion:138 Resp: 86336
Ion Ratio Lower Upper
138 100
108 11.8 8.6 13.0
92 114.7 96.6 144.8

Instrument :
BNA_F
ClientSampleId :
LOD-MDL-WATER-01-QT4-2020

Manual Integrations
APPROVED

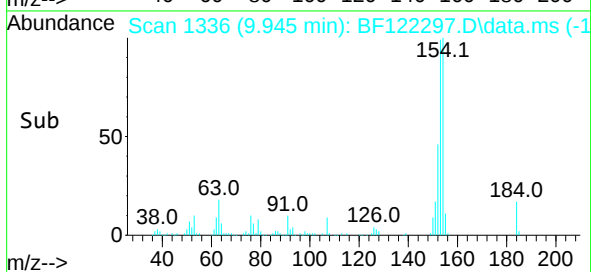
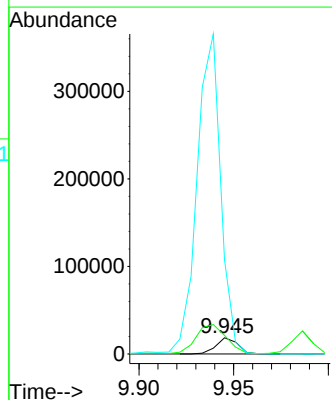
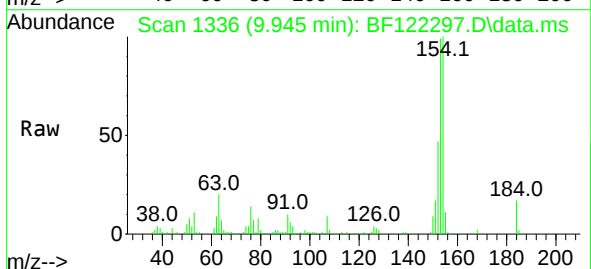
mohammad

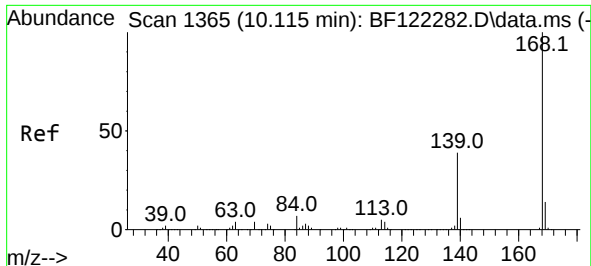
11/11/2020 10:32:10 AM



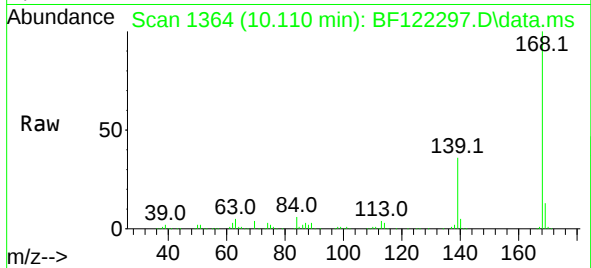
#54
2,4-Dinitrophenol
Concen: 6.02 ng
RT: 9.945 min Scan# 1336
Delta R.T. -0.012 min
Lab File: BF122297.D
Acq: 10 Nov 2020 14:23

Tgt Ion:184 Resp: 14667
Ion Ratio Lower Upper
184 100
63 114.8 45.9 68.9#
154 582.7 45.8 68.6#

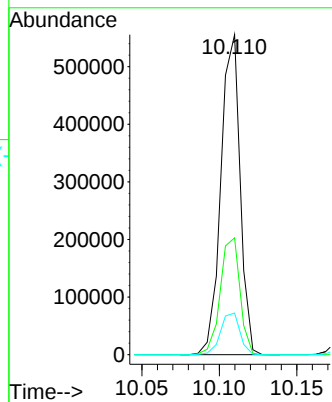
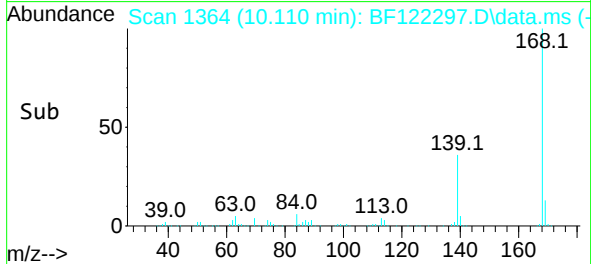




#55
Dibenzofuran
Concen: 9.37 ng
RT: 10.110 min Scan# 1364
Delta R.T. -0.005 min
Lab File: BF122297.D
Acq: 10 Nov 2020 14:23



Tgt Ion:168 Resp: 478804
Ion Ratio Lower Upper
168 100
139 36.5 31.0 46.6
169 13.0 11.3 16.9

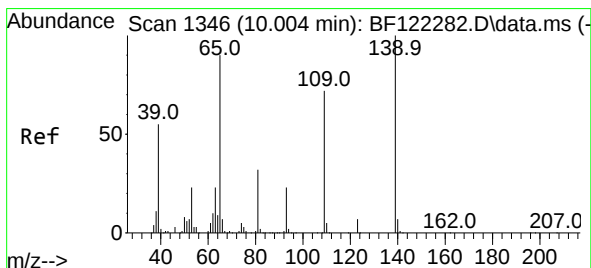


Instrument :
BNA_F
ClientSampleId :
LOD-MDL-WATER-01-QT4-2020

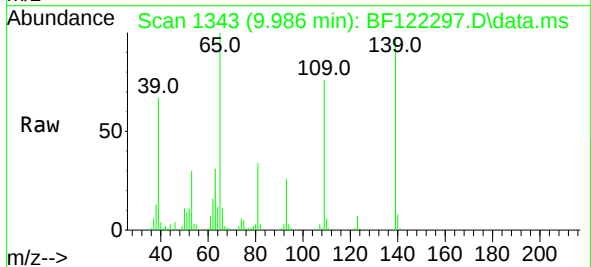
Manual Integrations
APPROVED

mohammad

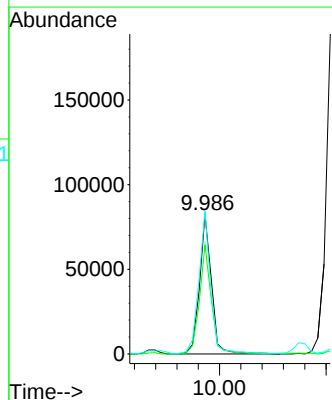
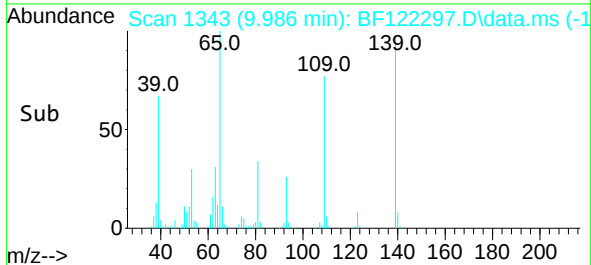
11/11/2020 10:32:10 AM

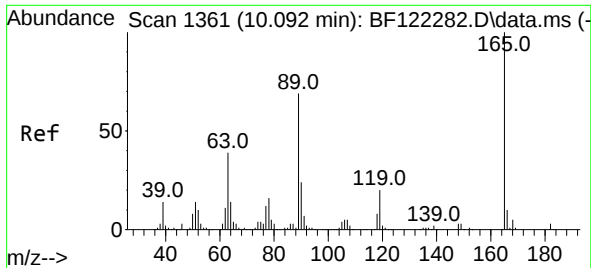


#56
4-Nitrophenol
Concen: 8.17 ng
RT: 9.986 min Scan# 1343
Delta R.T. -0.018 min
Lab File: BF122297.D
Acq: 10 Nov 2020 14:23



Tgt Ion:139 Resp: 64250
Ion Ratio Lower Upper
139 100
109 78.2 45.4 85.4
65 102.3 68.4 108.4





#57
2,4-Dinitrotoluene
Concen: 9.41 ng
RT: 10.080 min Scan# 1359
Delta R.T. -0.012 min
Lab File: BF122297.D
Acq: 10 Nov 2020 14:23

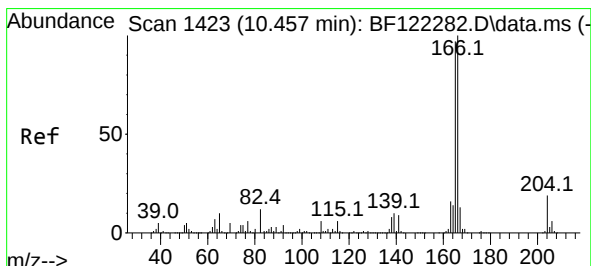
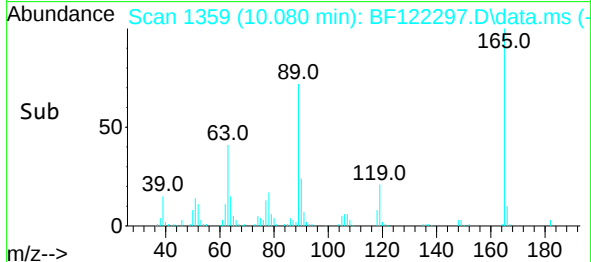
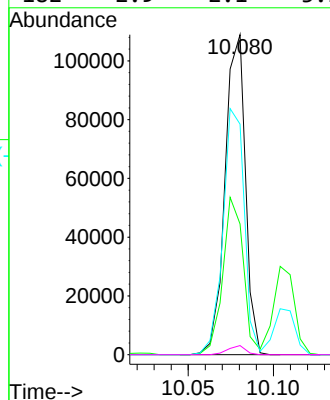
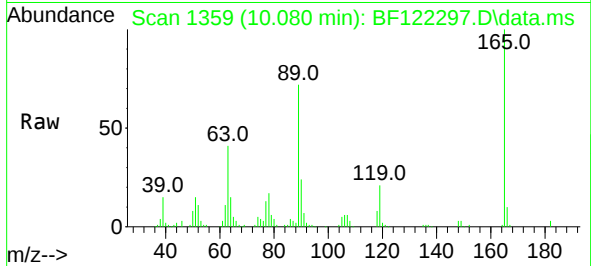
Tgt Ion:165	Resp:	90740
Ion Ratio	Lower	Upper
165	100	
63	40.9	41.3 61.9#
89	72.1	61.8 92.8
182	2.9	2.1 3.1

Instrument :
BNA_F
ClientSampleId :
LOD-MDL-WATER-01-QT4-2020

Manual Integrations
APPROVED

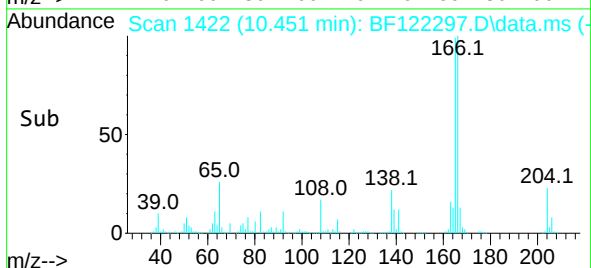
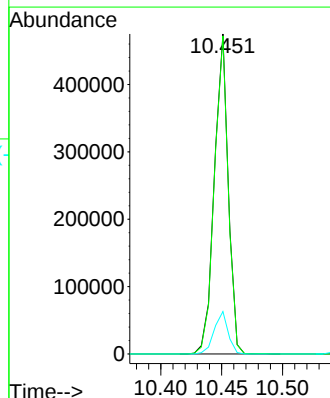
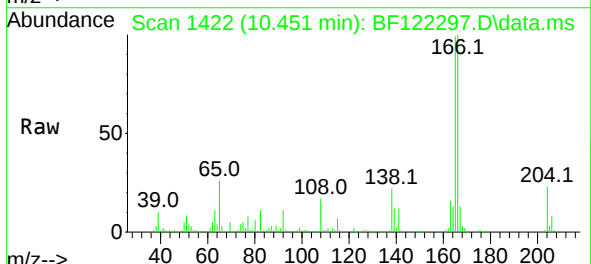
mohammad

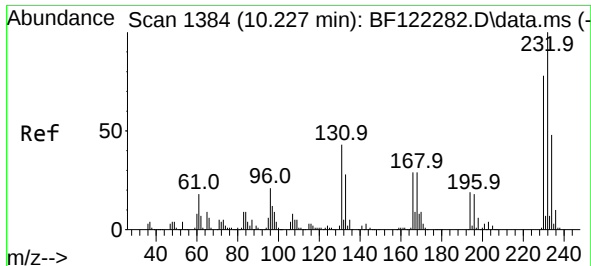
11/11/2020 10:32:10 AM



#58
Fluorene
Concen: 9.66 ng
RT: 10.451 min Scan# 1422
Delta R.T. -0.006 min
Lab File: BF122297.D
Acq: 10 Nov 2020 14:23

Tgt Ion:166	Resp:	377852
Ion Ratio	Lower	Upper
166	100	
165	99.4	79.1 118.7
167	13.3	11.0 16.6





#59
2,3,4,6-Tetrachlorophenol
Concen: 9.04 ng
RT: 10.222 min Scan# 1383
Delta R.T. -0.006 min
Lab File: BF122297.D
Acq: 10 Nov 2020 14:23

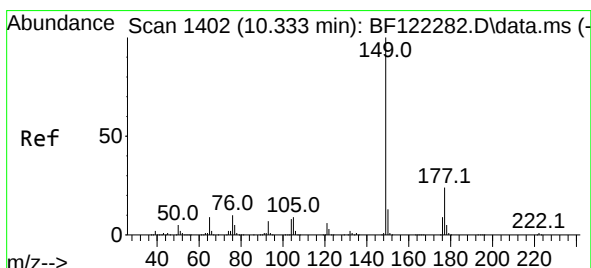
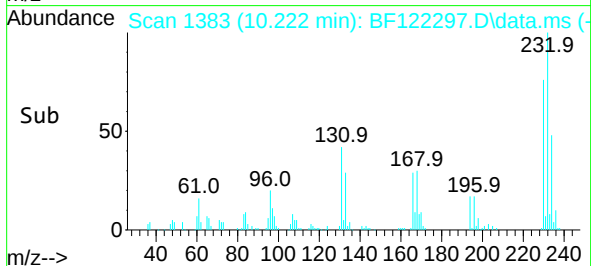
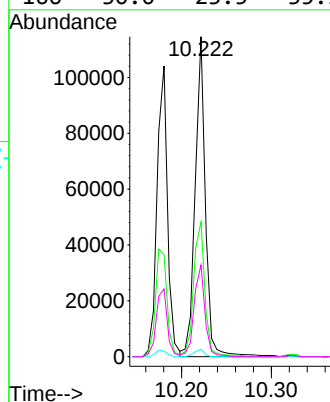
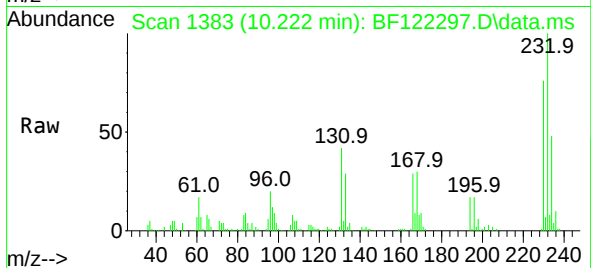
Tgt Ion:232 Resp: 91436
Ion Ratio Lower Upper
232 100
131 46.1 35.9 53.9
130 2.2 1.8 2.6
166 30.0 23.5 35.3

Instrument :
BNA_F
ClientSampleId :
LOD-MDL-WATER-01-QT4-2020

Manual Integrations
APPROVED

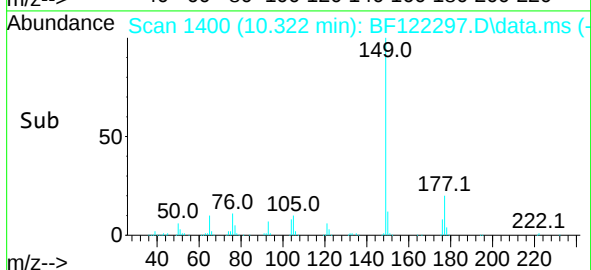
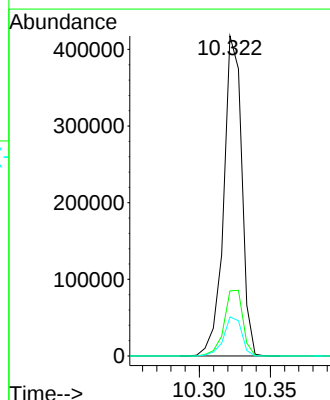
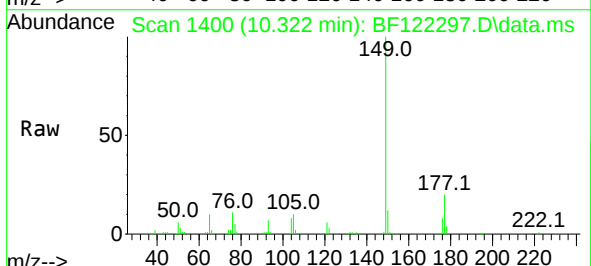
mohammad

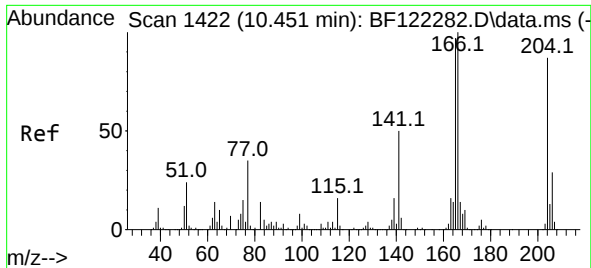
11/11/2020 10:32:10 AM



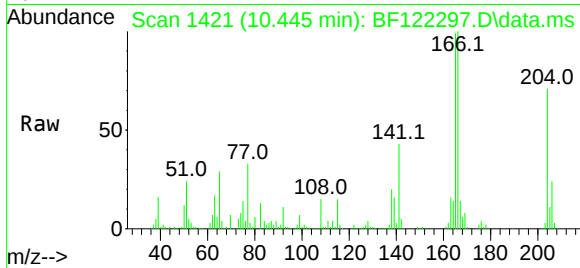
#60
Diethylphthalate
Concen: 9.08 ng
RT: 10.322 min Scan# 1400
Delta R.T. -0.011 min
Lab File: BF122297.D
Acq: 10 Nov 2020 14:23

Tgt Ion:149 Resp: 367280
Ion Ratio Lower Upper
149 100
177 20.4 18.1 27.1
150 12.2 10.3 15.5

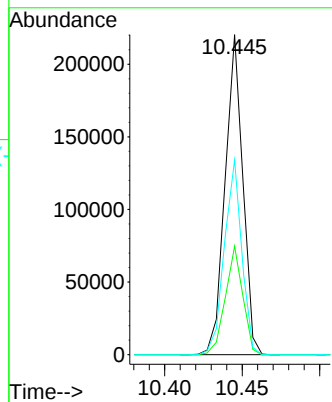
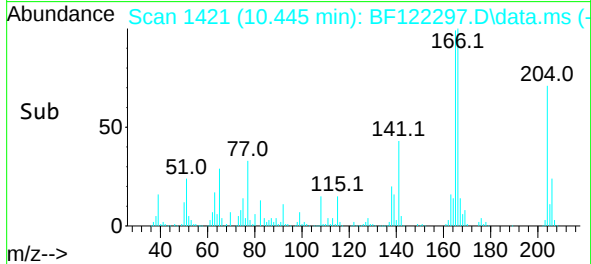




#61
4-Chlorophenyl-phenylether
Concen: 9.49 ng
RT: 10.445 min Scan# 1421
Delta R.T. -0.006 min
Lab File: BF122297.D
Acq: 10 Nov 2020 14:23



Tgt Ion:204 Resp: 175112
Ion Ratio Lower Upper
204 100
206 33.9 26.0 39.0
141 60.8 46.2 69.4

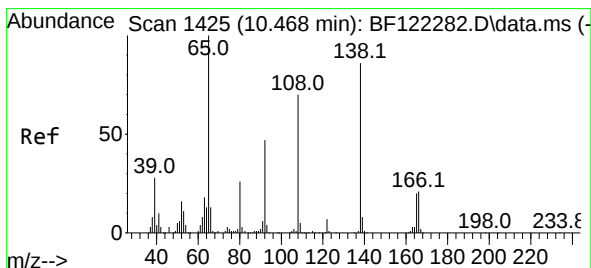


Instrument :
BNA_F
ClientSampleId :
LOD-MDL-WATER-01-QT4-2020

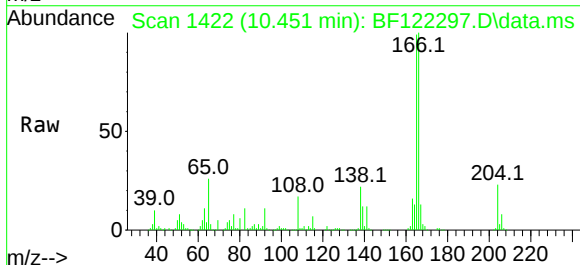
Manual Integrations
APPROVED

mohammad

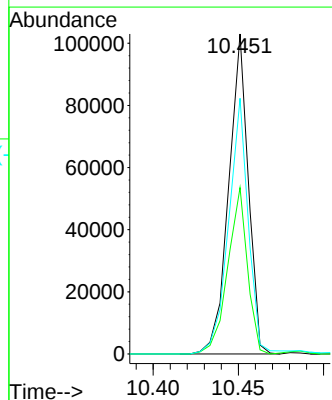
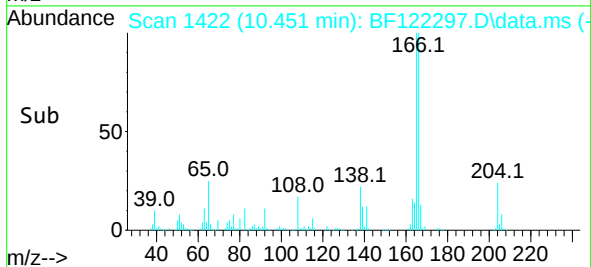
11/11/2020 10:32:10 AM



#62
4-Nitroaniline
Concen: 9.09 ng
RT: 10.451 min Scan# 1422
Delta R.T. -0.017 min
Lab File: BF122297.D
Acq: 10 Nov 2020 14:23

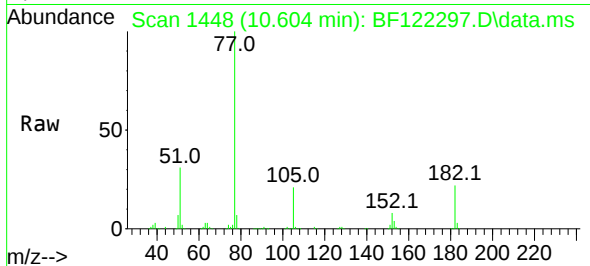


Tgt Ion:138 Resp: 82442
Ion Ratio Lower Upper
138 100
92 52.0 31.0 71.0
108 79.9 51.5 91.5

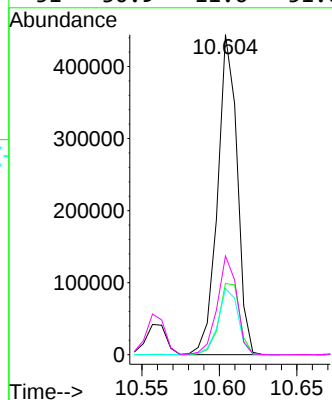




#63
Azobenzene
Concen: 9.20 ng
RT: 10.604 min Scan# 1448
Delta R.T. -0.006 min
Lab File: BF122297.D
Acq: 10 Nov 2020 14:23



Tgt Ion: 77 Resp: 390427
Ion Ratio Lower Upper
77 100
182 22.3 3.4 43.4
105 20.7 1.7 41.7
51 30.9 11.6 51.6

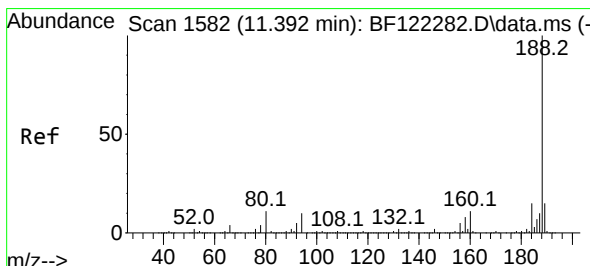


Instrument :
BNA_F
ClientSampleId :
LOD-MDL-WATER-01-QT4-2020

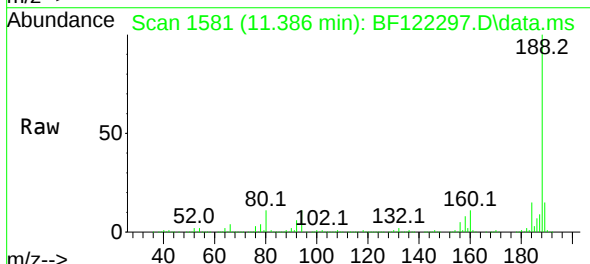
Manual Integrations
APPROVED

mohammad

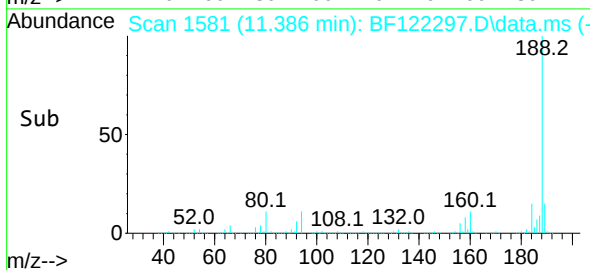
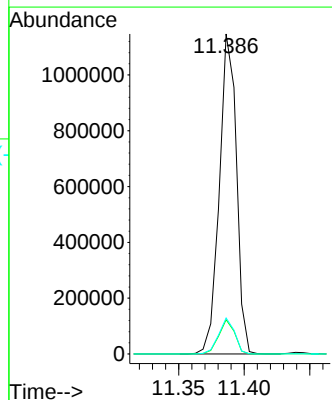
11/11/2020 10:32:10 AM

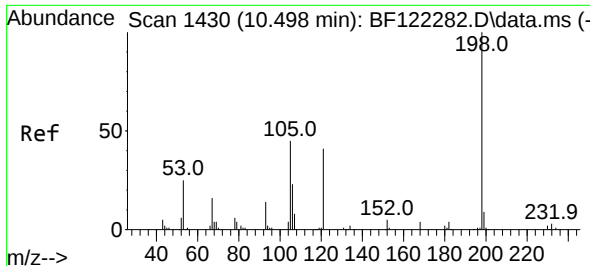


#64
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.386 min Scan# 1581
Delta R.T. -0.006 min
Lab File: BF122297.D
Acq: 10 Nov 2020 14:23



Tgt Ion: 188 Resp: 1037448
Ion Ratio Lower Upper
188 100
94 10.7 8.3 12.5
80 11.3 9.1 13.7





#65
4,6-Dinitro-2-methylphenol
Concen: 6.60 ng
RT: 10.486 min Scan# 1428
Delta R.T. -0.012 min
Lab File: BF122297.D
Acq: 10 Nov 2020 14:23

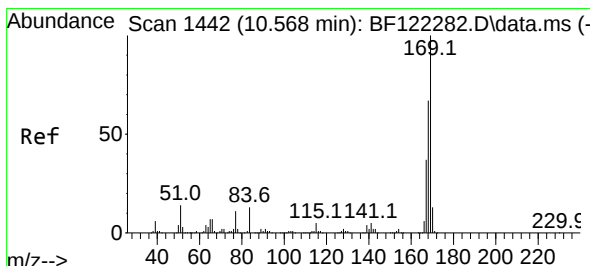
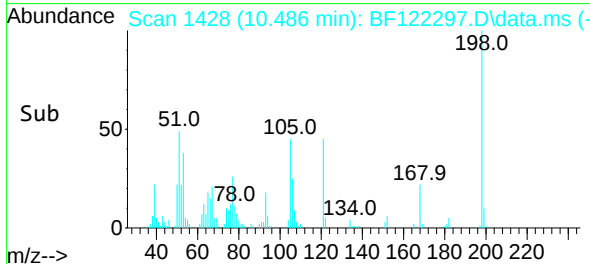
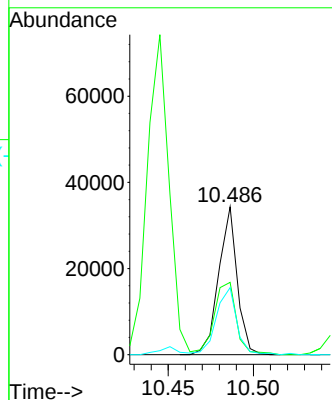
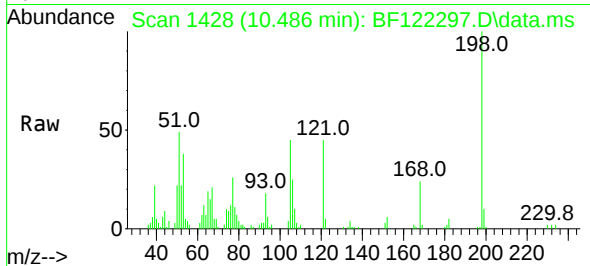
Tgt Ion	Ratio	Lower	Upper
198	100		
51	48.9	29.6	69.6
105	45.3	24.4	64.4

Instrument :
BNA_F
ClientSampleId :
LOD-MDL-WATER-01-QT4-2020

Manual Integrations
APPROVED

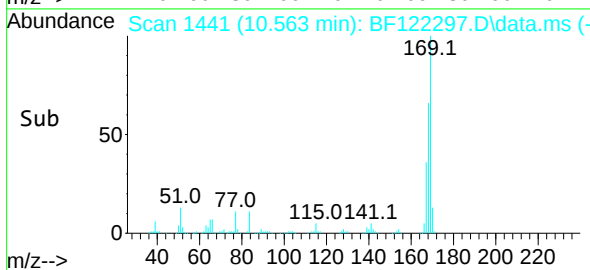
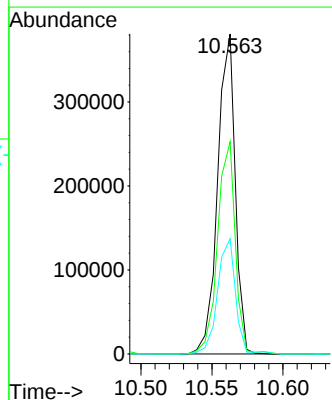
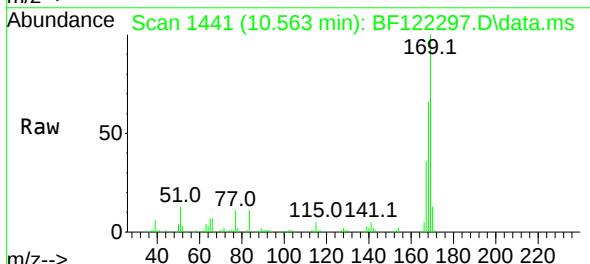
mohammad

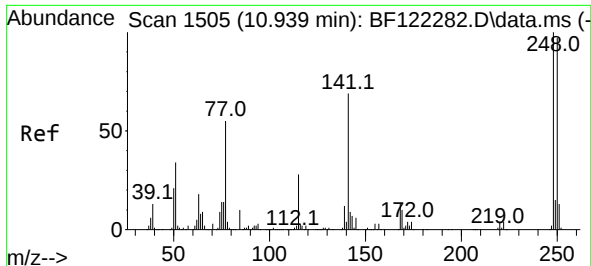
11/11/2020 10:32:10 AM



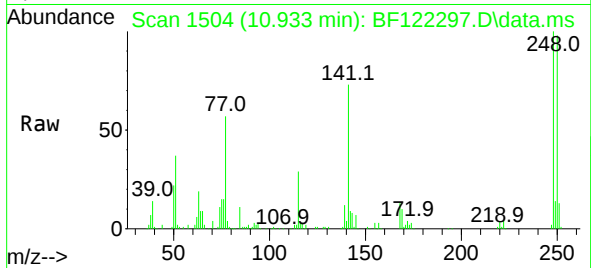
#66
n-Nitrosodiphenylamine
Concen: 9.25 ng
RT: 10.563 min Scan# 1441
Delta R.T. -0.006 min
Lab File: BF122297.D
Acq: 10 Nov 2020 14:23

Tgt Ion	Ratio	Lower	Upper
169	100		
168	66.4	50.0	75.0
167	36.1	27.8	41.6

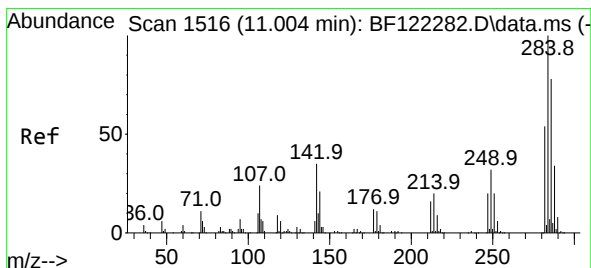
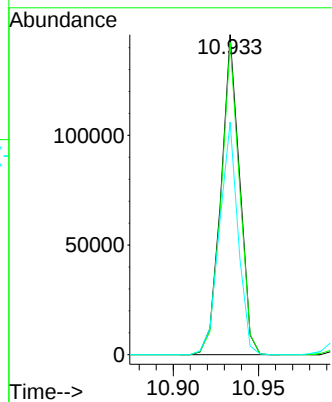
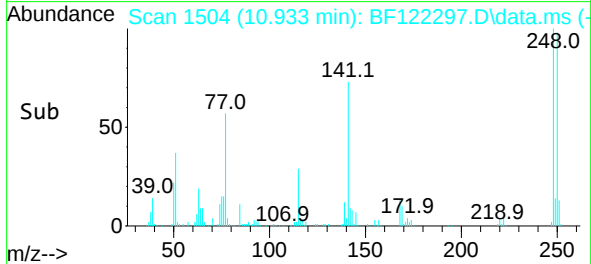




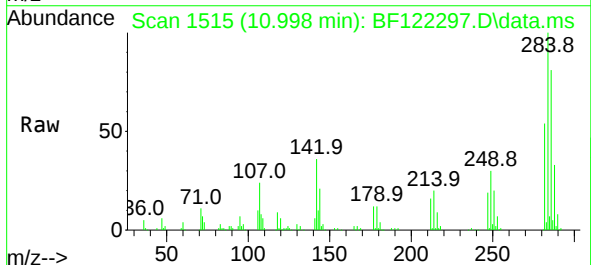
#67
4-Bromophenyl-phenylether
Concen: 9.09 ng
RT: 10.933 min Scan# 1504
Delta R.T. -0.006 min
Lab File: BF122297.D
Acq: 10 Nov 2020 14:23



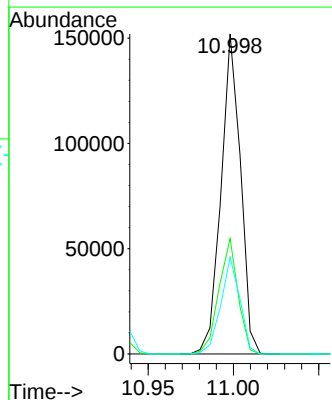
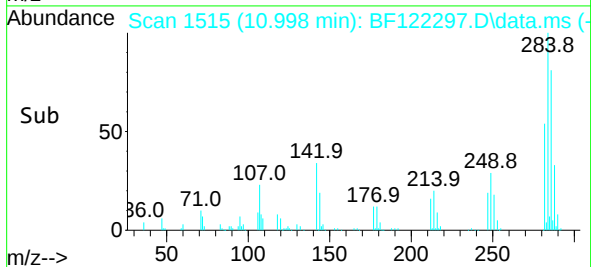
Tgt Ion:248 Resp: 110835
Ion Ratio Lower Upper
248 100
250 97.6 77.0 115.6
141 72.7 53.7 80.5



#68
Hexachlorobenzene
Concen: 9.17 ng
RT: 10.998 min Scan# 1515
Delta R.T. -0.006 min
Lab File: BF122297.D
Acq: 10 Nov 2020 14:23



Tgt Ion:284 Resp: 120740
Ion Ratio Lower Upper
284 100
142 36.1 27.4 41.2
249 30.2 24.2 36.4



Instrument :
BNA_F
ClientSampleId :
LOD-MDL-WATER-01-QT4-2020

Manual Integrations
APPROVED

mohammad

11/11/2020 10:32:10 AM



#69
Atrazine
Concen: 10.42 ng
RT: 11.080 min Scan# 1529
Delta R.T. -0.012 min
Lab File: BF122297.D
Acq: 10 Nov 2020 14:23

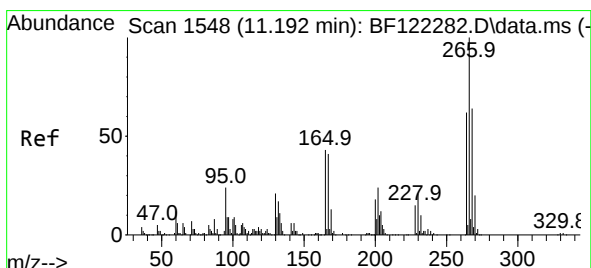
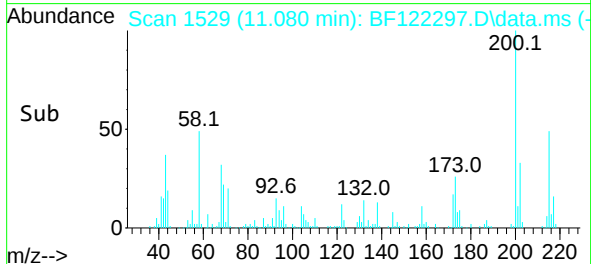
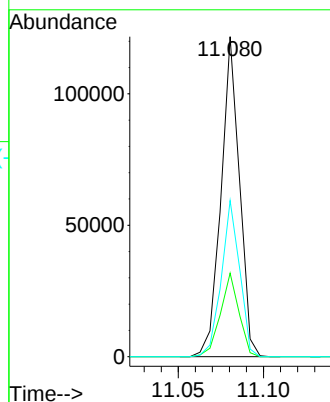
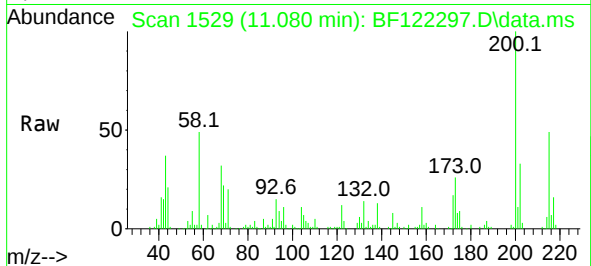
Tgt Ion:200 Resp: 91692
Ion Ratio Lower Upper
200 100
173 26.1 7.5 47.5
215 48.8 27.1 67.1

Instrument :
BNA_F
ClientSampleId :
LOD-MDL-WATER-01-QT4-2020

Manual Integrations
APPROVED

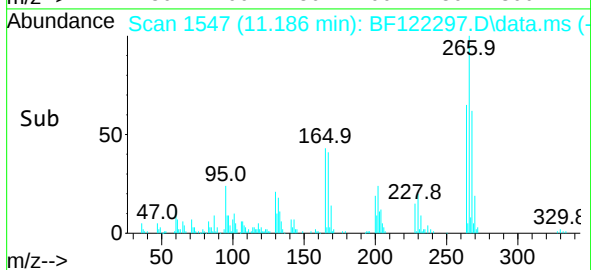
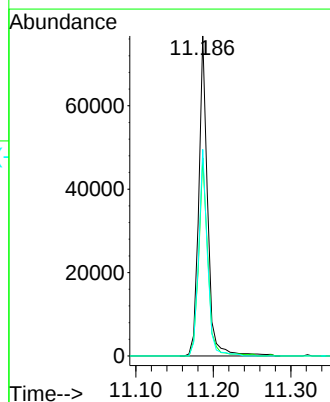
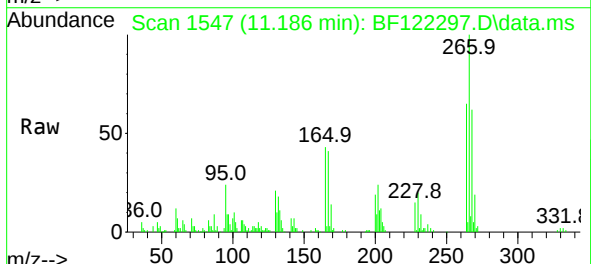
mohammad

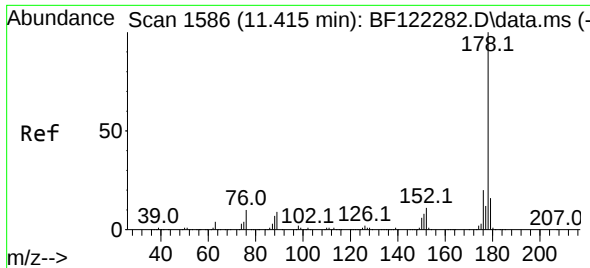
11/11/2020 10:32:10 AM



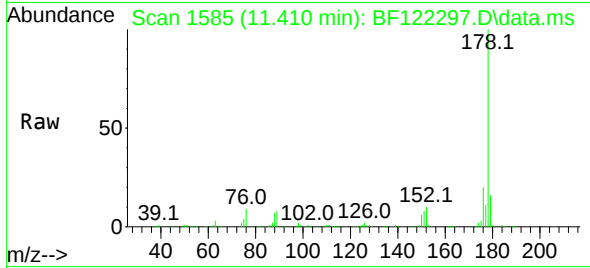
#70
Pentachlorophenol
Concen: 8.05 ng
RT: 11.186 min Scan# 1547
Delta R.T. -0.006 min
Lab File: BF122297.D
Acq: 10 Nov 2020 14:23

Tgt Ion:266 Resp: 61102
Ion Ratio Lower Upper
266 100
268 61.8 52.4 78.6
264 64.5 49.9 74.9

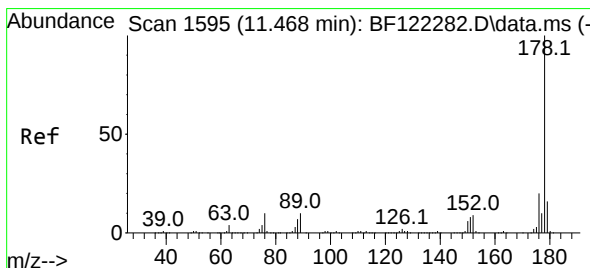
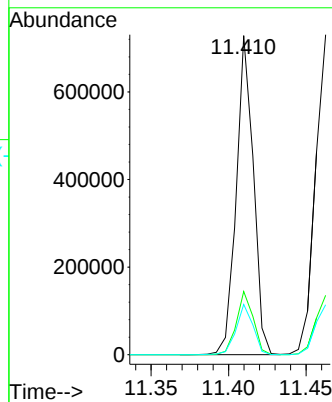
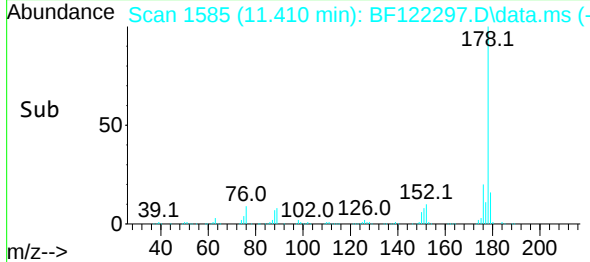




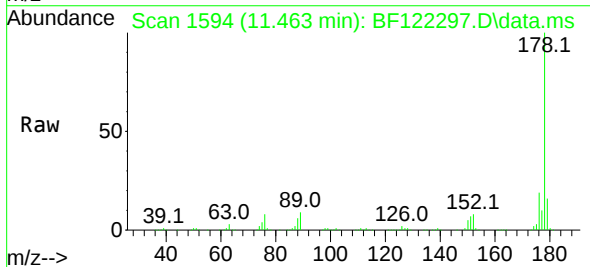
#71
Phenanthrene
Concen: 9.49 ng
RT: 11.410 min Scan# 1585
Delta R.T. -0.006 min
Lab File: BF122297.D
Acq: 10 Nov 2020 14:23



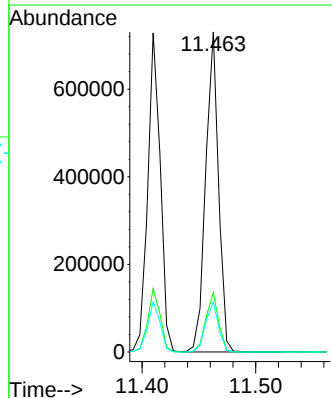
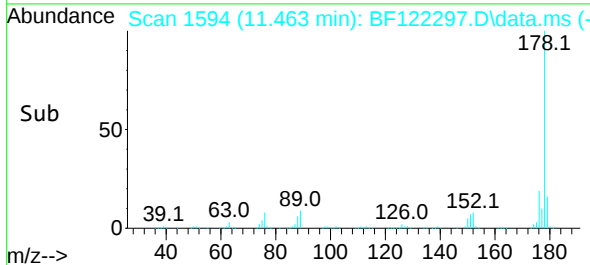
Tgt Ion:178 Resp: 558313
Ion Ratio Lower Upper
178 100
176 19.8 15.9 23.9
179 15.8 12.2 18.4



#72
Anthracene
Concen: 9.48 ng
RT: 11.463 min Scan# 1594
Delta R.T. -0.006 min
Lab File: BF122297.D
Acq: 10 Nov 2020 14:23



Tgt Ion:178 Resp: 574894
Ion Ratio Lower Upper
178 100
176 18.5 15.7 23.5
179 15.6 12.7 19.1

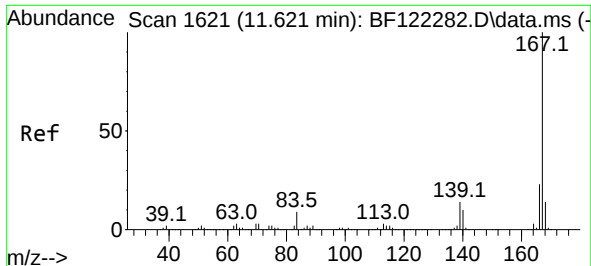


Instrument :
BNA_F
ClientSampleId :
LOD-MDL-WATER-01-QT4-2020

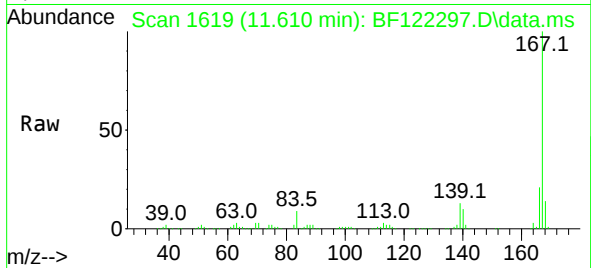
Manual Integrations
APPROVED

mohammad

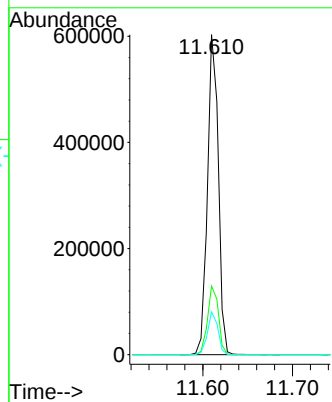
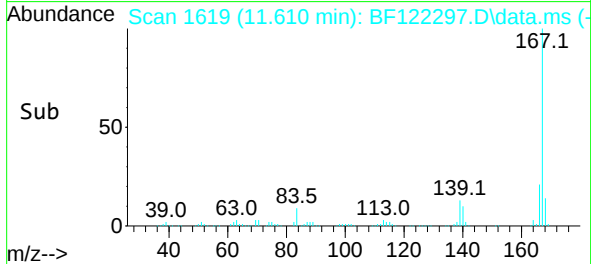
11/11/2020 10:32:10 AM



#73
 Carbazole
 Concen: 9.20 ng
 RT: 11.610 min Scan# 1619
 Delta R.T. -0.012 min
 Lab File: BF122297.D
 Acq: 10 Nov 2020 14:23



Tgt Ion:167 Resp: 507465
 Ion Ratio Lower Upper
 167 100
 166 21.5 17.8 26.6
 139 13.4 10.8 16.2

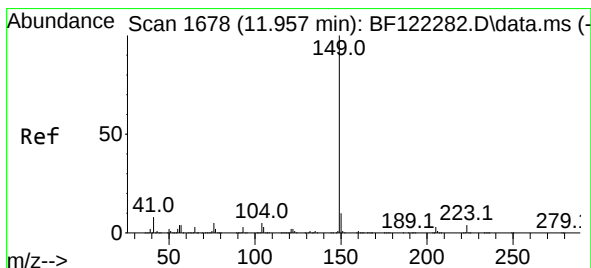


Instrument :
 BNA_F
 ClientSampleId :
 LOD-MDL-WATER-01-QT4-2020

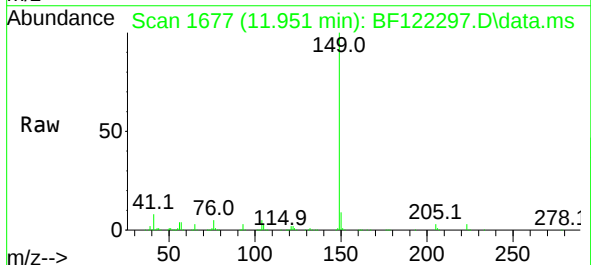
Manual Integrations
 APPROVED

mohammad

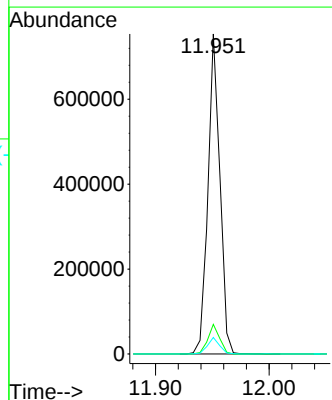
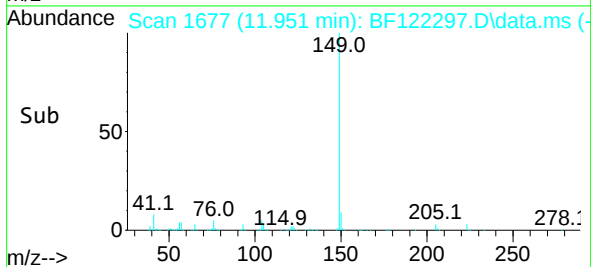
11/11/2020 10:32:10 AM



#74
 Di-n-butylphthalate
 Concen: 9.31 ng
 RT: 11.951 min Scan# 1677
 Delta R.T. -0.006 min
 Lab File: BF122297.D
 Acq: 10 Nov 2020 14:23



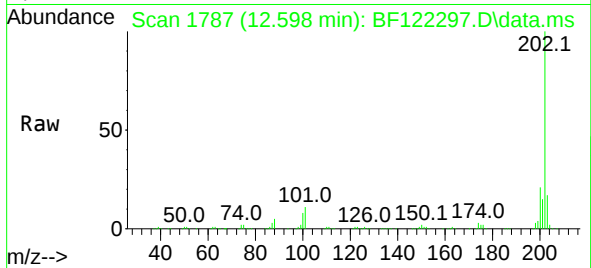
Tgt Ion:149 Resp: 547605
 Ion Ratio Lower Upper
 149 100
 150 9.3 7.7 11.5
 104 5.2 4.2 6.2





#75
Fluoranthene
Concen: 9.34 ng
RT: 12.598 min Scan# 1787
Delta R.T. -0.006 min
Lab File: BF122297.D
Acq: 10 Nov 2020 14:23

Instrument :
BNA_F
ClientSampleId :
LOD-MDL-WATER-01-QT4-2020

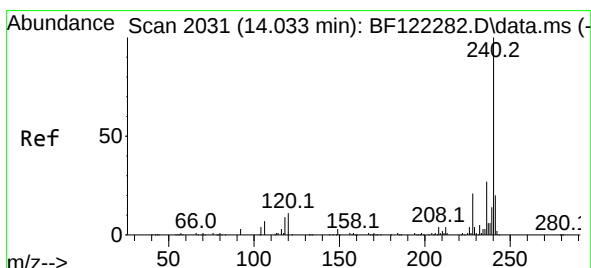
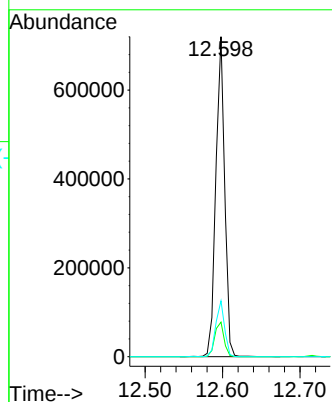


Tgt Ion:202 Resp: 574150
Ion Ratio Lower Upper
202 100
101 10.8 0.0 33.4
203 17.5 0.0 37.9

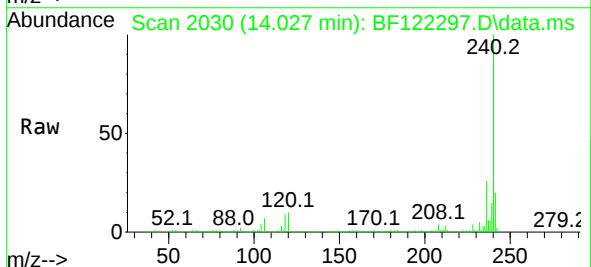
Manual Integrations
APPROVED

mohammad

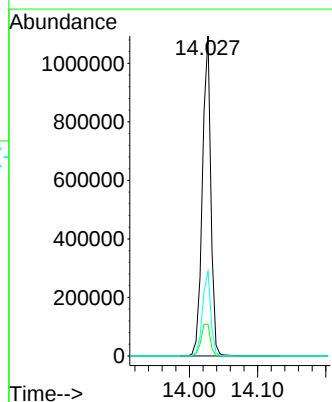
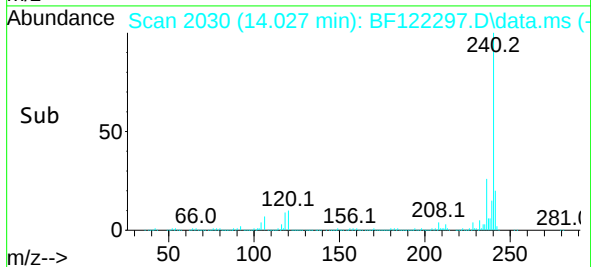
11/11/2020 10:32:10 AM

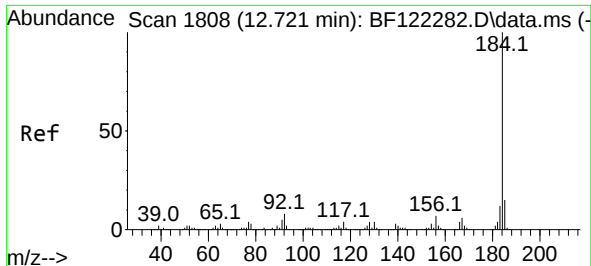


#76
Chrysene-d12
Concen: 20.00 ng
RT: 14.027 min Scan# 2030
Delta R.T. -0.006 min
Lab File: BF122297.D
Acq: 10 Nov 2020 14:23



Tgt Ion:240 Resp: 941933
Ion Ratio Lower Upper
240 100
120 9.9 9.2 13.8
236 26.4 20.9 31.3





#77
Benzidine
Concen: 11.03 ng
RT: 12.716 min Scan# 1807
Delta R.T. -0.006 min
Lab File: BF122297.D
Acq: 10 Nov 2020 14:23

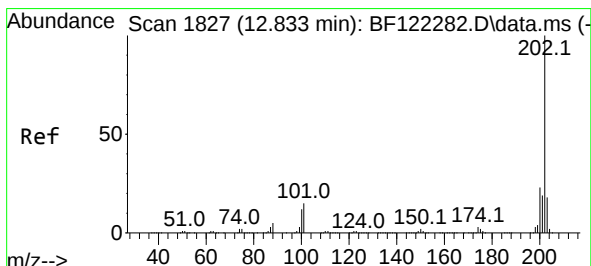
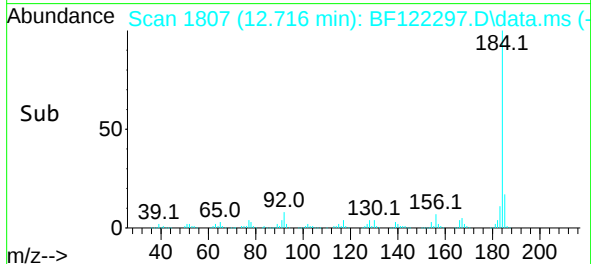
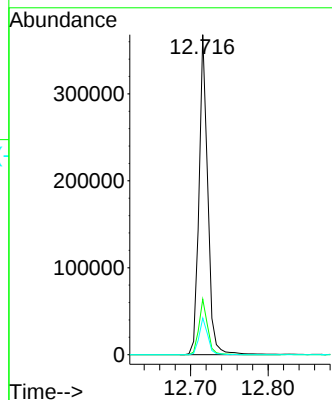
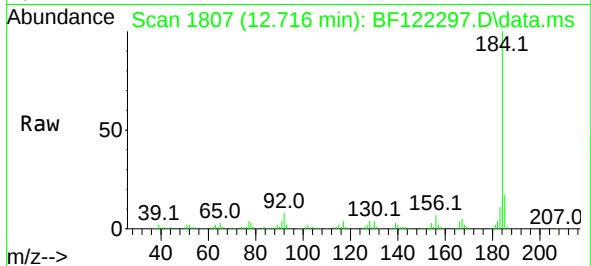
Tgt Ion:184	Resp: 288246
Ion Ratio	Lower Upper
184 100	
185 17.4	11.6 17.4
183 11.4	9.4 14.0

Instrument :
BNA_F
ClientSampleId :
LOD-MDL-WATER-01-QT4-2020

Manual Integrations
APPROVED

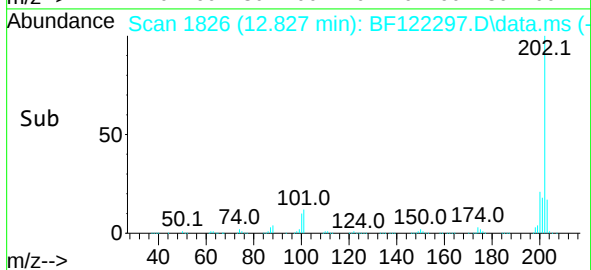
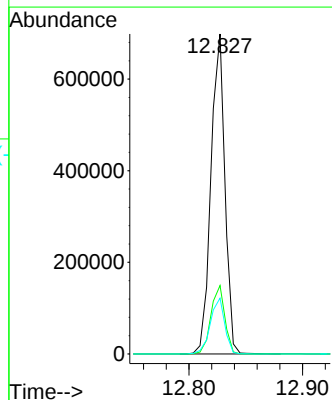
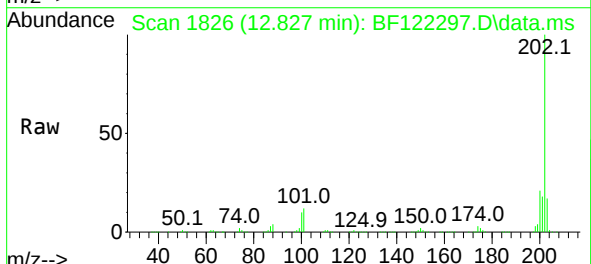
mohammad

11/11/2020 10:32:10 AM



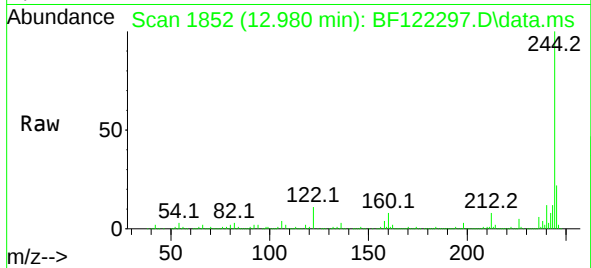
#78
Pyrene
Concen: 8.99 ng
RT: 12.827 min Scan# 1826
Delta R.T. -0.006 min
Lab File: BF122297.D
Acq: 10 Nov 2020 14:23

Tgt	Ion:202	Resp:	594848
Ion	Ratio	Lower	Upper
202	100		
200	21.4	17.4	26.2
203	17.5	14.6	21.8

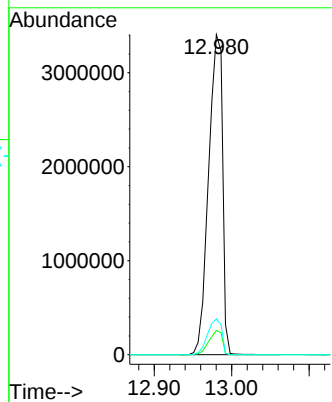
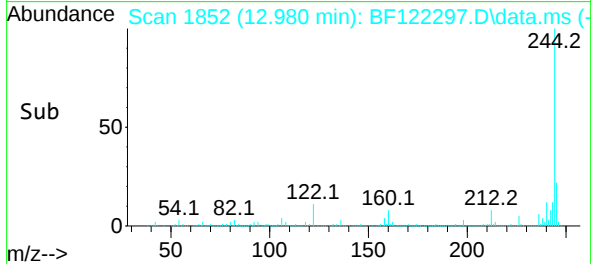




#79
 Terphenyl-d14
 Concen: 95.69 ng
 RT: 12.980 min Scan# 1852
 Delta R.T. 0.000 min
 Lab File: BF122297.D
 Acq: 10 Nov 2020 14:23



Tgt Ion:244 Resp: 4254642
 Ion Ratio Lower Upper
 244 100
 212 7.6 5.4 8.2
 122 11.2 8.1 12.1

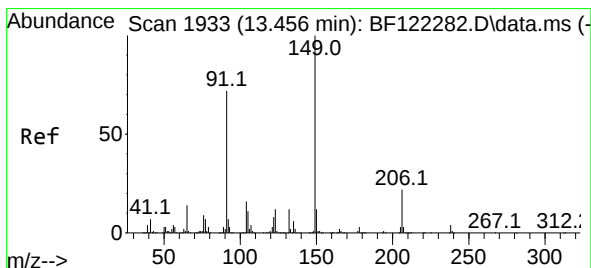


Instrument :
 BNA_F
 ClientSampleId :
 LOD-MDL-WATER-01-QT4-2020

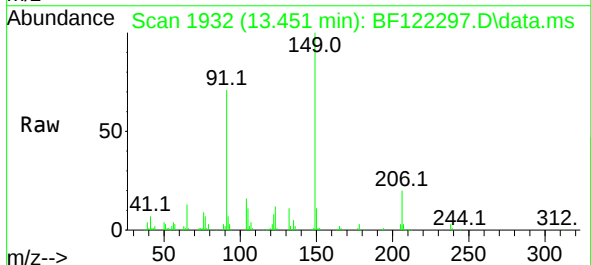
Manual Integrations
 APPROVED

mohammad

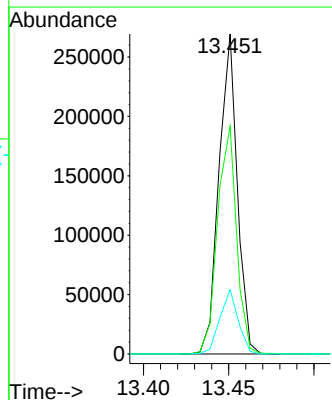
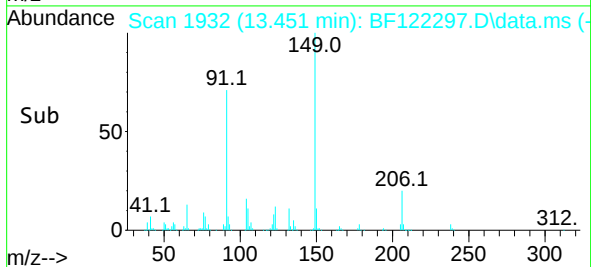
11/11/2020 10:32:10 AM

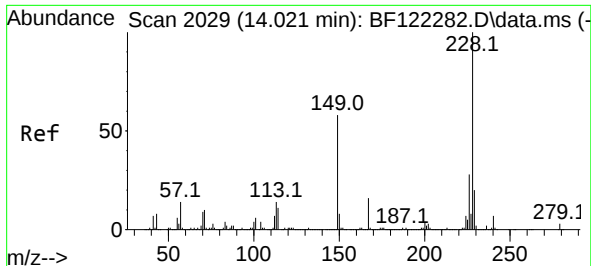


#80
 Butylbenzylphthalate
 Concen: 8.48 ng
 RT: 13.451 min Scan# 1932
 Delta R.T. -0.005 min
 Lab File: BF122297.D
 Acq: 10 Nov 2020 14:23



Tgt Ion:149 Resp: 201778
 Ion Ratio Lower Upper
 149 100
 91 71.1 61.0 91.4
 206 20.1 16.7 25.1





#81
Benzo(a)anthracene
Concen: 9.33 ng
RT: 14.015 min Scan# 2028
Delta R.T. -0.006 min
Lab File: BF122297.D
Acq: 10 Nov 2020 14:23

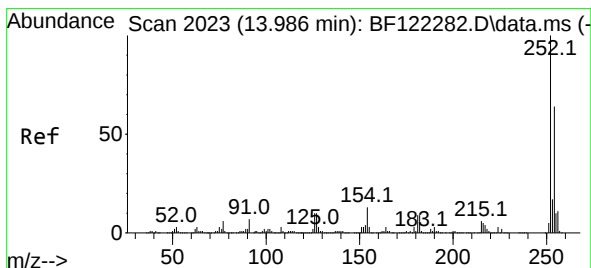
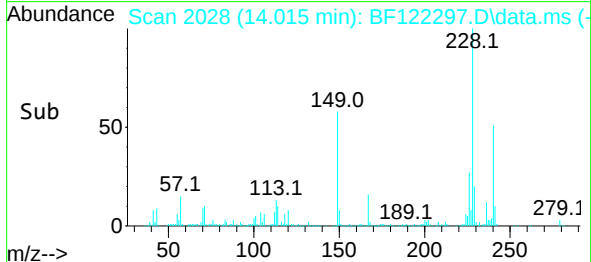
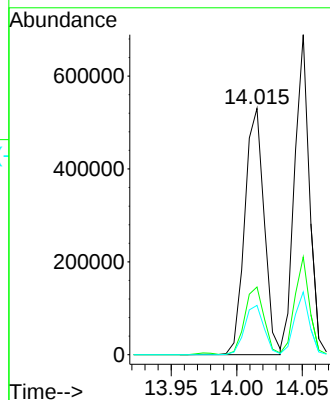
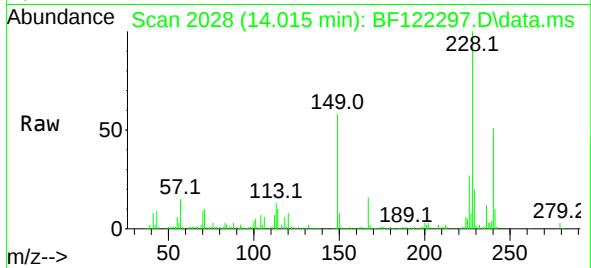
Tgt Ion:228 Resp: 546672
Ion Ratio Lower Upper
228 100
226 27.5 22.3 33.5
229 20.0 16.2 24.4

Instrument :
BNA_F
ClientSampleId :
LOD-MDL-WATER-01-QT4-2020

Manual Integrations
APPROVED

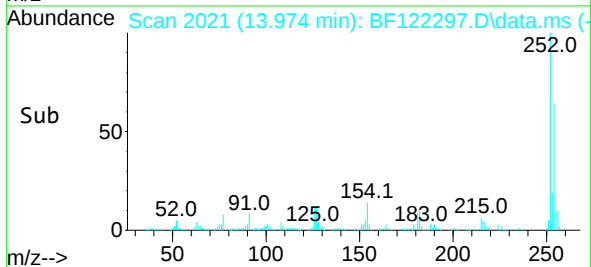
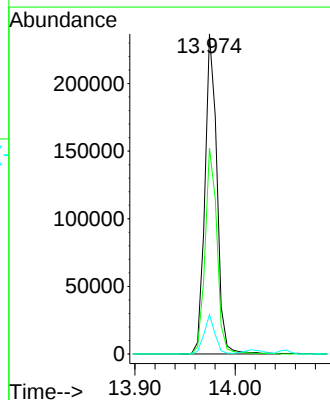
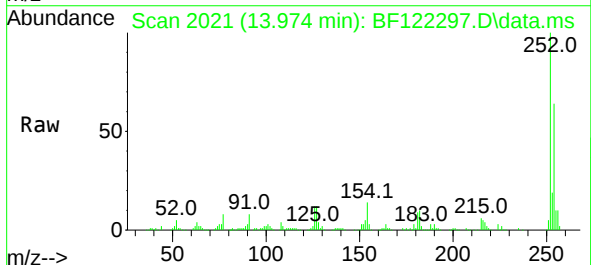
mohammad

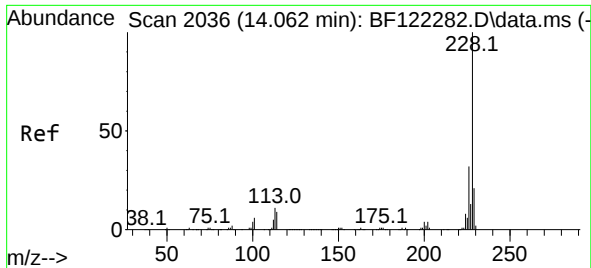
11/11/2020 10:32:10 AM



#82
3,3'-Dichlorobenzidine
Concen: 9.06 ng
RT: 13.974 min Scan# 2021
Delta R.T. -0.012 min
Lab File: BF122297.D
Acq: 10 Nov 2020 14:23

Tgt Ion:252 Resp: 197881
Ion Ratio Lower Upper
252 100
254 64.4 51.8 77.6
126 12.3 8.8 13.2





#83
Chrysene
Concen: 9.28 ng
RT: 14.051 min Scan# 2034
Delta R.T. -0.012 min
Lab File: BF122297.D
Acq: 10 Nov 2020 14:23

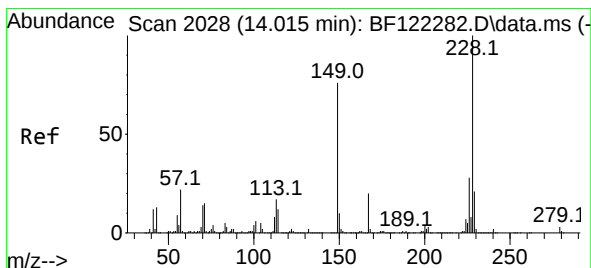
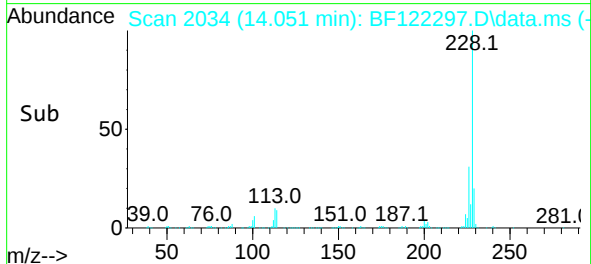
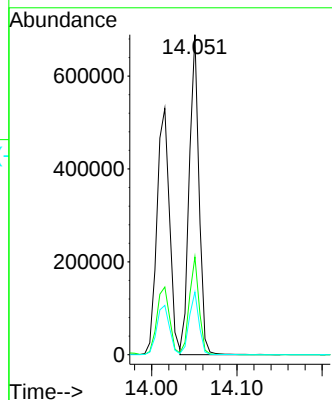
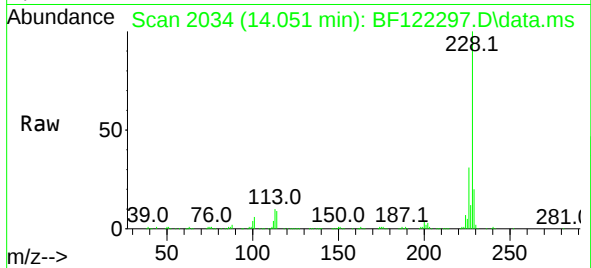
Tgt Ion:228 Resp: 547771
Ion Ratio Lower Upper
228 100
226 30.6 24.6 37.0
229 19.6 15.9 23.9

Instrument :
BNA_F
ClientSampleId :
LOD-MDL-WATER-01-QT4-2020

Manual Integrations
APPROVED

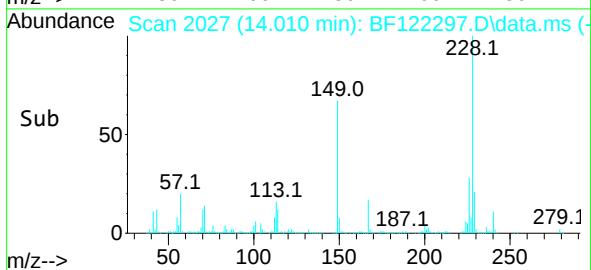
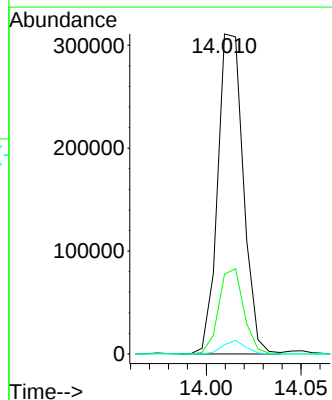
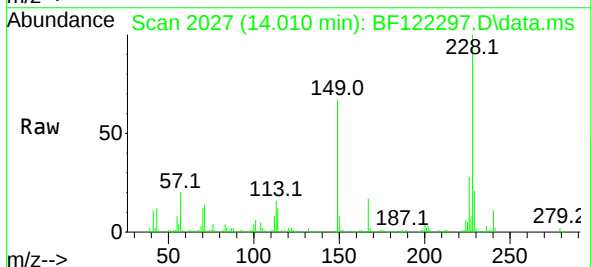
mohammad

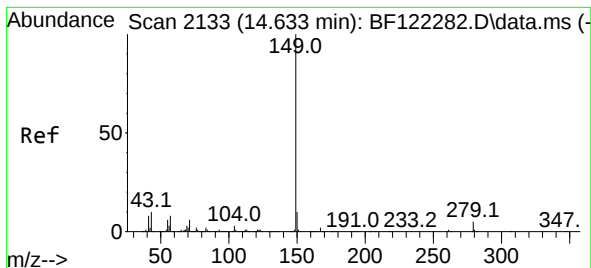
11/11/2020 10:32:10 AM



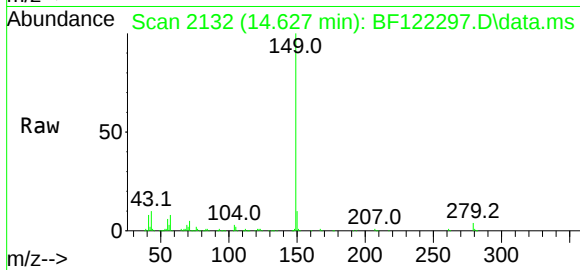
#84
Bis(2-ethylhexyl)phthalate
Concen: 9.19 ng
RT: 14.010 min Scan# 2027
Delta R.T. -0.006 min
Lab File: BF122297.D
Acq: 10 Nov 2020 14:23

Tgt Ion:149 Resp: 293139
Ion Ratio Lower Upper
149 100
167 24.9 20.9 31.3
279 2.9 3.2 4.8#

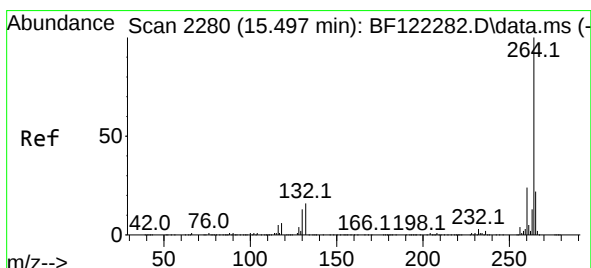
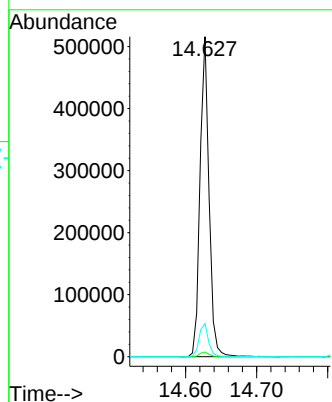
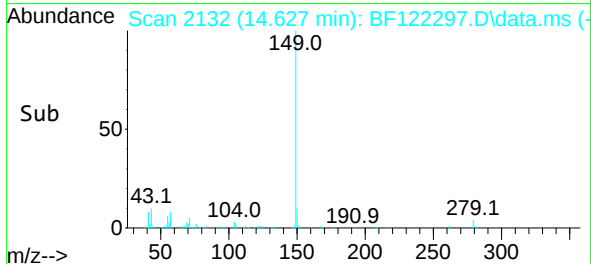




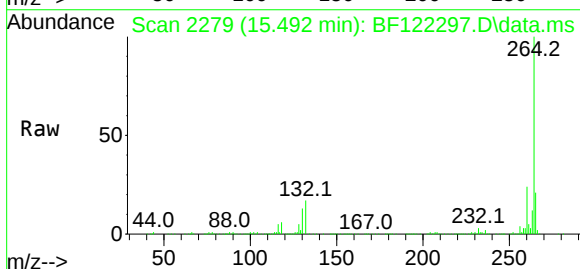
#85
Di-n-octyl phthalate
Concen: 8.39 ng
RT: 14.627 min Scan# 2132
Delta R.T. -0.006 min
Lab File: BF122297.D
Acq: 10 Nov 2020 14:23



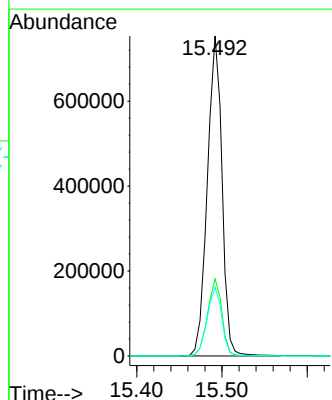
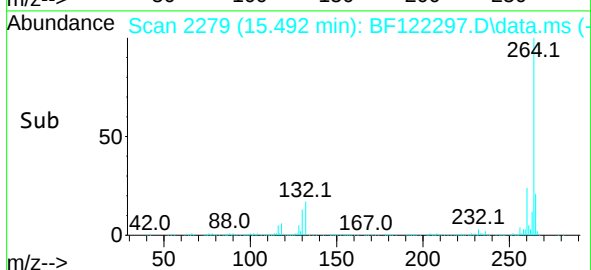
Tgt Ion:149 Resp: 453888
Ion Ratio Lower Upper
149 100
167 1.5 1.2 1.8
43 11.0 9.0 13.6



#86
Perylene-d12
Concen: 20.00 ng
RT: 15.492 min Scan# 2279
Delta R.T. -0.006 min
Lab File: BF122297.D
Acq: 10 Nov 2020 14:23



Tgt Ion:264 Resp: 900879
Ion Ratio Lower Upper
264 100
260 24.1 18.7 28.1
265 21.4 17.3 25.9

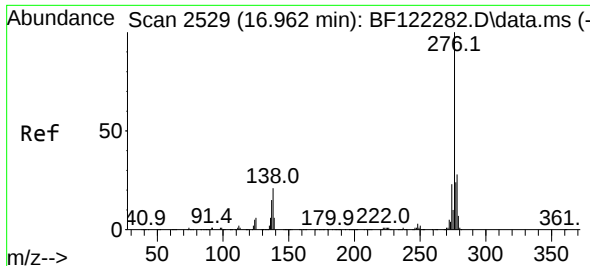


Instrument :
BNA_F
ClientSampleId :
LOD-MDL-WATER-01-QT4-2020

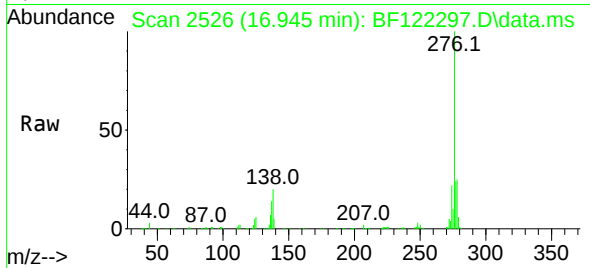
Manual Integrations
APPROVED

mohammad

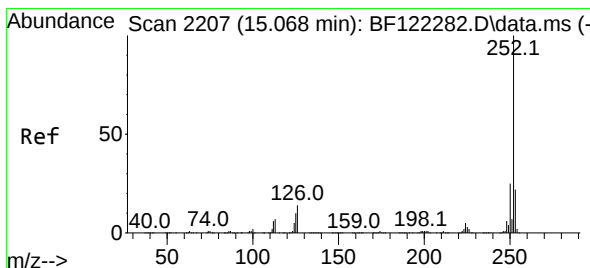
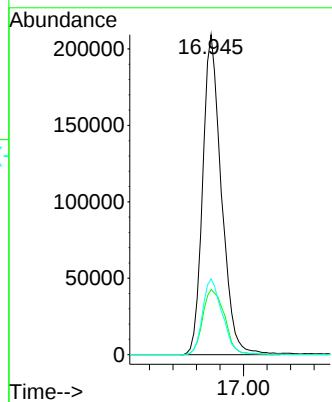
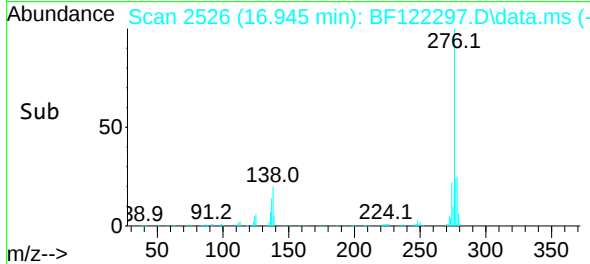
11/11/2020 10:32:10 AM



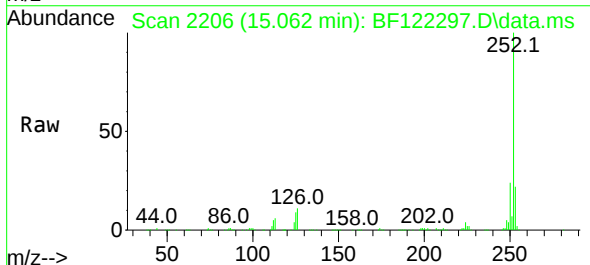
#87
Indeno(1,2,3-cd)pyrene
Concen: 8.56 ng
RT: 16.945 min Scan# 2526
Delta R.T. -0.017 min
Lab File: BF122297.D
Acq: 10 Nov 2020 14:23



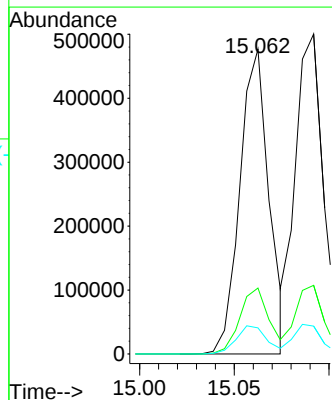
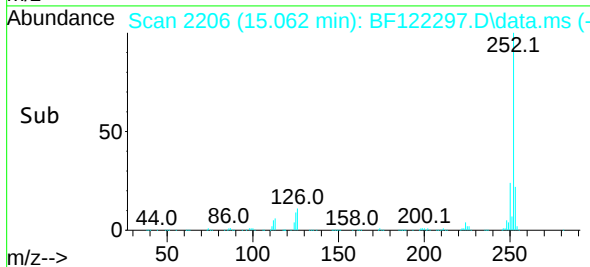
Tgt Ion: 276 Resp: 462882
Ion Ratio Lower Upper
276 100
138 23.9 19.9 29.9
277 25.0 20.4 30.6



#88
Benzo(b)fluoranthene
Concen: 8.72 ng
RT: 15.062 min Scan# 2206
Delta R.T. -0.006 min
Lab File: BF122297.D
Acq: 10 Nov 2020 14:23



Tgt Ion: 252 Resp: 509001
Ion Ratio Lower Upper
252 100
253 21.6 18.2 27.2
125 8.5 8.0 12.0

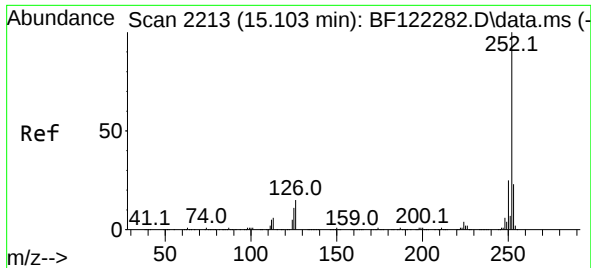


Instrument :
BNA_F
ClientSampleId :
LOD-MDL-WATER-01-QT4-2020

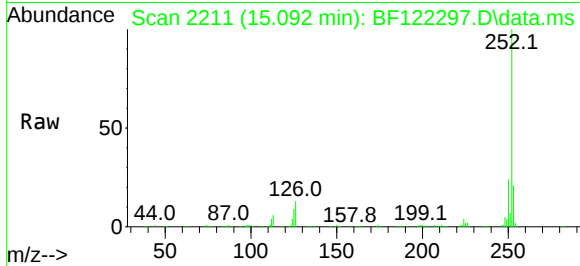
Manual Integrations
APPROVED

mohammad

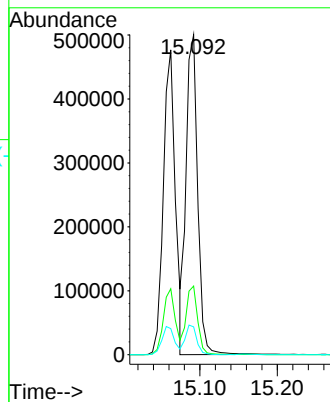
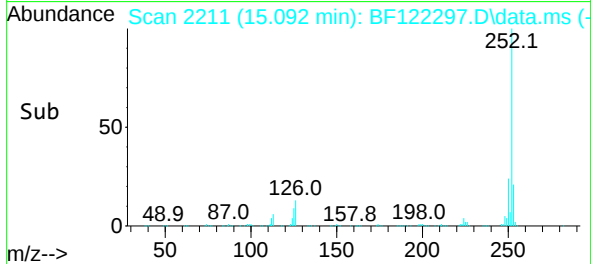
11/11/2020 10:32:10 AM



#89
Benzo(k)fluoranthene
Concen: 9.16 ng
RT: 15.092 min Scan# 2211
Delta R.T. -0.011 min
Lab File: BF122297.D
Acq: 10 Nov 2020 14:23



Tgt Ion:252 Resp: 520859
Ion Ratio Lower Upper
252 100
253 21.5 17.8 26.6
125 8.7 7.7 11.5

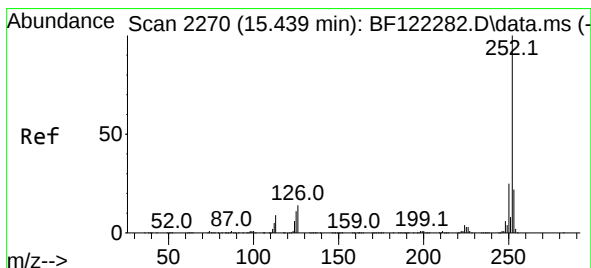


Instrument :
BNA_F
ClientSampleId :
LOD-MDL-WATER-01-QT4-2020

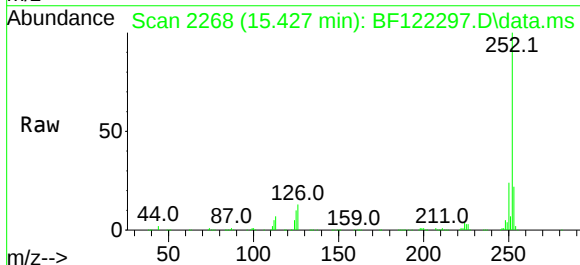
Manual Integrations
APPROVED

mohammad

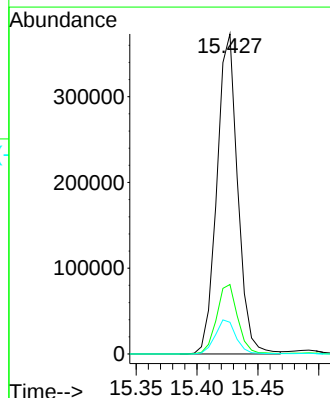
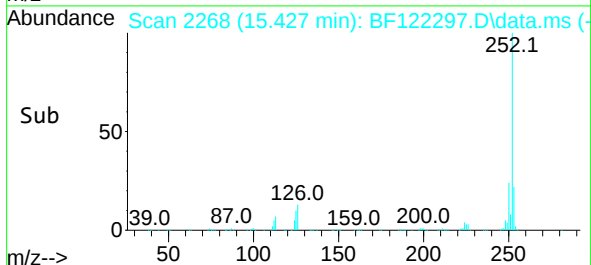
11/11/2020 10:32:10 AM

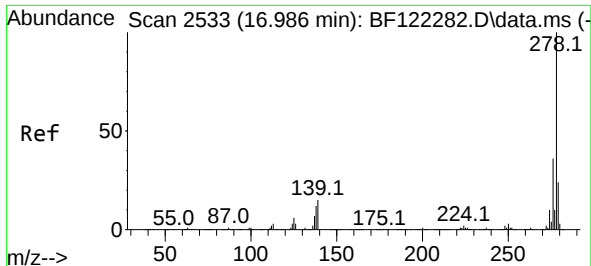


#90
Benzo(a)pyrene
Concen: 8.73 ng
RT: 15.427 min Scan# 2268
Delta R.T. -0.011 min
Lab File: BF122297.D
Acq: 10 Nov 2020 14:23



Tgt Ion:252 Resp: 444177
Ion Ratio Lower Upper
252 100
253 21.7 17.3 25.9
125 9.9 8.6 13.0





#91
Dibenzo(a,h)anthracene
Concen: 8.62 ng
RT: 16.962 min Scan# 2529
Delta R.T. -0.023 min
Lab File: BF122297.D
Acq: 10 Nov 2020 14:23

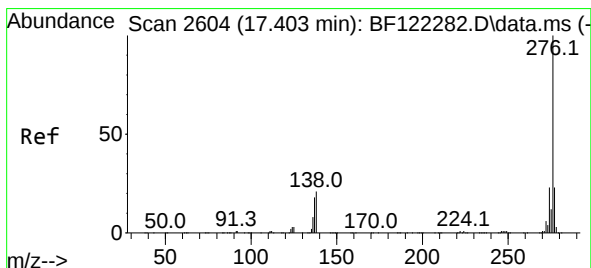
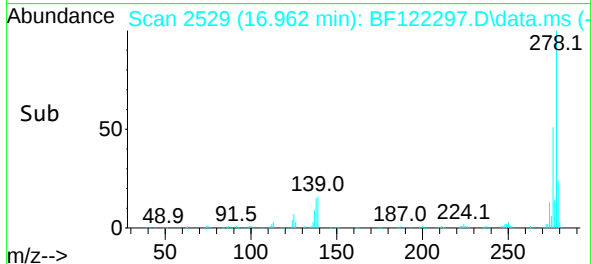
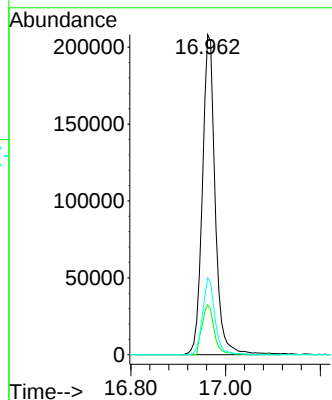
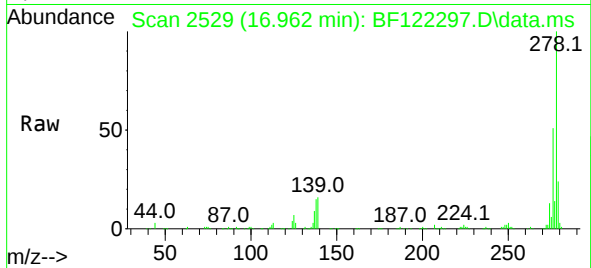
Tgt Ion: 278 Resp: 390371
Ion Ratio Lower Upper
278 100
139 15.6 13.0 19.4
279 24.0 19.0 28.4

Instrument :
BNA_F
ClientSampleId :
LOD-MDL-WATER-01-QT4-2020

Manual Integrations
APPROVED

mohammad

11/11/2020 10:32:10 AM



#92
Benzo(g,h,i)perylene
Concen: 8.47 ng
RT: 17.380 min Scan# 2600
Delta R.T. -0.023 min
Lab File: BF122297.D
Acq: 10 Nov 2020 14:23

Tgt Ion: 276 Resp: 372928
Ion Ratio Lower Upper
276 100
277 24.6 19.4 29.2
138 21.7 17.8 26.6

