

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF020322\
 Data File : BF126798.D
 Acq On : 03 Feb 2022 14:54
 Operator : CG/JU
 Sample : M4068-08
 Misc : LOQ-WATER-10ppm
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 LOQ-WATER-02-QT4-2021

Quant Time: Feb 03 15:14:45 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF020222.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Feb 02 15:08:47 2022
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By :Christian Giraldo 02/10/2022
 Supervised By :mohammad ahmed 02/10/2022

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.951	152	154222	20.000	ng	0.00
21) Naphthalene-d8	8.233	136	586137	20.000	ng	0.00
39) Acenaphthene-d10	9.986	164	328651	20.000	ng	0.00
64) Phenanthrene-d10	11.480	188	555747	20.000	ng	0.00
76) Chrysene-d12	14.127	240	413886	20.000	ng	# 0.00
86) Perylene-d12	15.639	264	275485	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.569	112	1335520	118.609	ng	0.00
7) Phenol-d6	6.575	99	1929039	123.852	ng	0.00
23) Nitrobenzene-d5	7.516	82	1211059	77.327	ng	0.00
42) 2,4,6-Tribromophenol	10.780	330	419084	122.868	ng	0.00
45) 2-Fluorobiphenyl	9.310	172	1518820	76.522	ng	0.00
79) Terphenyl-d14	13.068	244	1605033	64.872	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	2.781	88	55328	9.710	ng	# 87
3) Pyridine	3.587	79	133164	8.618	ng	# 80
4) n-Nitrosodimethylamine	3.499	42	48871	10.240	ng	# 64
6) Aniline	6.616	93	239859	12.069	ng	96
8) 2-Chlorophenol	6.734	128	109604	10.645	ng	96
9) Benzaldehyde	6.504	77	122926	12.545	ng	87
10) Phenol	6.581	94	175722	10.540	ng	94
11) bis(2-Chloroethyl)ether	6.681	93	148458	11.053	ng	92
12) 1,3-Dichlorobenzene	6.887	146	123907	10.688	ng	95
13) 1,4-Dichlorobenzene	6.963	146	127842	10.910	ng	95
14) 1,2-Dichlorobenzene	7.122	146	118439	10.402	ng	98
15) Benzyl Alcohol	7.081	79	138122	11.099	ng	93
16) 2,2'-oxybis(1-Chloropr...	7.216	45	162142	11.206	ng	84
17) 2-Methylphenol	7.187	107	103863	10.258	ng	96
18) Hexachloroethane	7.463	117	49711	10.830	ng	# 88
19) n-Nitroso-di-n-propyla...	7.351	70	111611	10.882	ng	# 85
20) 3+4-Methylphenols	7.339	107	140530	11.020	ng	# 76
22) Acetophenone	7.351	105	182672	10.770	ng	# 87
24) Nitrobenzene	7.528	77	172170	11.074	ng	# 88
25) Isophorone	7.763	82	291876	10.859	ng	96
26) 2-Nitrophenol	7.845	139	54959	10.607	ng	# 86
27) 2,4-Dimethylphenol	7.869	122	109456	12.095	ng	91
28) bis(2-Chloroethoxy)met...	7.969	93	183414	10.759	ng	# 97
29) 2,4-Dichlorophenol	8.081	162	93689	10.516	ng	100
30) 1,2,4-Trichlorobenzene	8.169	180	102369	10.685	ng	97
31) Naphthalene	8.251	128	343793	11.222	ng	100
32) Benzoic acid	7.934	122	43733	6.262	ng	# 70
33) 4-Chloroaniline	8.298	127	141974	11.469	ng	# 95
34) Hexachlorobutadiene	8.363	225	61809	10.293	ng	98
35) Caprolactam	8.633	113	32121	9.909	ng	# 81
36) 4-Chloro-3-methylphenol	8.763	107	118833	10.465	ng	86
37) 2-Methylnaphthalene	8.939	142	221428	11.729	ng	97
38) 1-Methylnaphthalene	9.039	142	205276	11.297	ng	99
40) 1,2,4,5-Tetrachloroben...	9.104	216	97893	10.345	ng	96
41) Hexachlorocyclopentadiene	9.092	237	62098	11.385	ng	98
43) 2,4,6-Trichlorophenol	9.216	196	65762	9.865	ng	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.251	196	69734m	10.020	ng	
46) 1,1'-Biphenyl	9.404	154	259905	10.798	ng	96
47) 2-Chloronaphthalene	9.433	162	210076	11.010	ng	99
48) 2-Nitroaniline	9.522	65	80839	10.391	ng	91
49) Acenaphthylene	9.851	152	329302	11.178	ng	98
50) Dimethylphthalate	9.698	163	236248	10.399	ng	99
51) 2,6-Dinitrotoluene	9.763	165	50799	10.886	ng	87
52) Acenaphthene	10.022	154	202275	10.769	ng	96
53) 3-Nitroaniline	9.933	138	56377	10.602	ng	83
54) 2,4-Dinitrophenol	10.039	184	16553	6.734	ng	# 85
55) Dibenzofuran	10.192	168	292442	10.548	ng	98
56) 4-Nitrophenol	10.075	139	40364	10.023	ng	# 75
57) 2,4-Dinitrotoluene	10.169	165	67950	10.744	ng	# 88
58) Fluorene	10.539	166	233503	11.383	ng	98
59) 2,3,4,6-Tetrachlorophenol	10.304	232	59141	9.818	ng	# 82
60) Diethylphthalate	10.404	149	230511	10.327	ng	98
61) 4-Chlorophenyl-phenyle...	10.527	204	111122	10.710	ng	# 87
62) 4-Nitroaniline	10.545	138	51227	10.152	ng	81
63) Azobenzene	10.692	77	337600	10.901	ng	92
65) 4,6-Dinitro-2-methylph...	10.575	198	27207	8.070	ng	92
66) n-Nitrosodiphenylamine	10.645	169	199854	11.183	ng	99
67) 4-Bromophenyl-phenylether	11.022	248	68237	10.727	ng	# 90
68) Hexachlorobenzene	11.080	284	75812	10.892	ng	94
69) Atrazine	11.169	200	63185	10.896	ng	91
70) Pentachlorophenol	11.274	266	37294	9.184	ng	97
71) Phenanthrene	11.504	178	347195	11.280	ng	98
72) Anthracene	11.557	178	362806	11.769	ng	98
73) Carbazole	11.710	167	302128	10.388	ng	98
74) Di-n-butylphthalate	12.033	149	368069	10.916	ng	99
75) Fluoranthene	12.692	202	345376	11.032	ng	100
77) Benzidine	12.816	184	167024	17.591	ng	97
78) Pyrene	12.927	202	352110	10.645	ng	99
80) Butylbenzylphthalate	13.539	149	131211	9.560	ng	# 92
81) Benzo(a)anthracene	14.115	228	278390	10.080	ng	100
82) 3,3'-Dichlorobenzidine	14.074	252	83301	10.532	ng	# 98
83) Chrysene	14.151	228	277677	10.619	ng	99
84) Bis(2-ethylhexyl)phtha...	14.092	149	177919	9.964	ng	98
85) Di-n-octyl phthalate	14.715	149	227359	8.930	ng	# 94
87) Indeno(1,2,3-cd)pyrene	17.180	276	164039	9.763	ng	# 91
88) Benzo(b)fluoranthene	15.186	252	204331	11.343	ng	# 95
89) Benzo(k)fluoranthene	15.215	252	188996	10.518	ng	# 95
90) Benzo(a)pyrene	15.568	252	171610	11.951	ng	# 95
91) Dibenzo(a,h)anthracene	17.198	278	141546	10.285	ng	# 94
92) Benzo(g,h,i)perylene	17.651	276	139158	10.237	ng	# 88

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

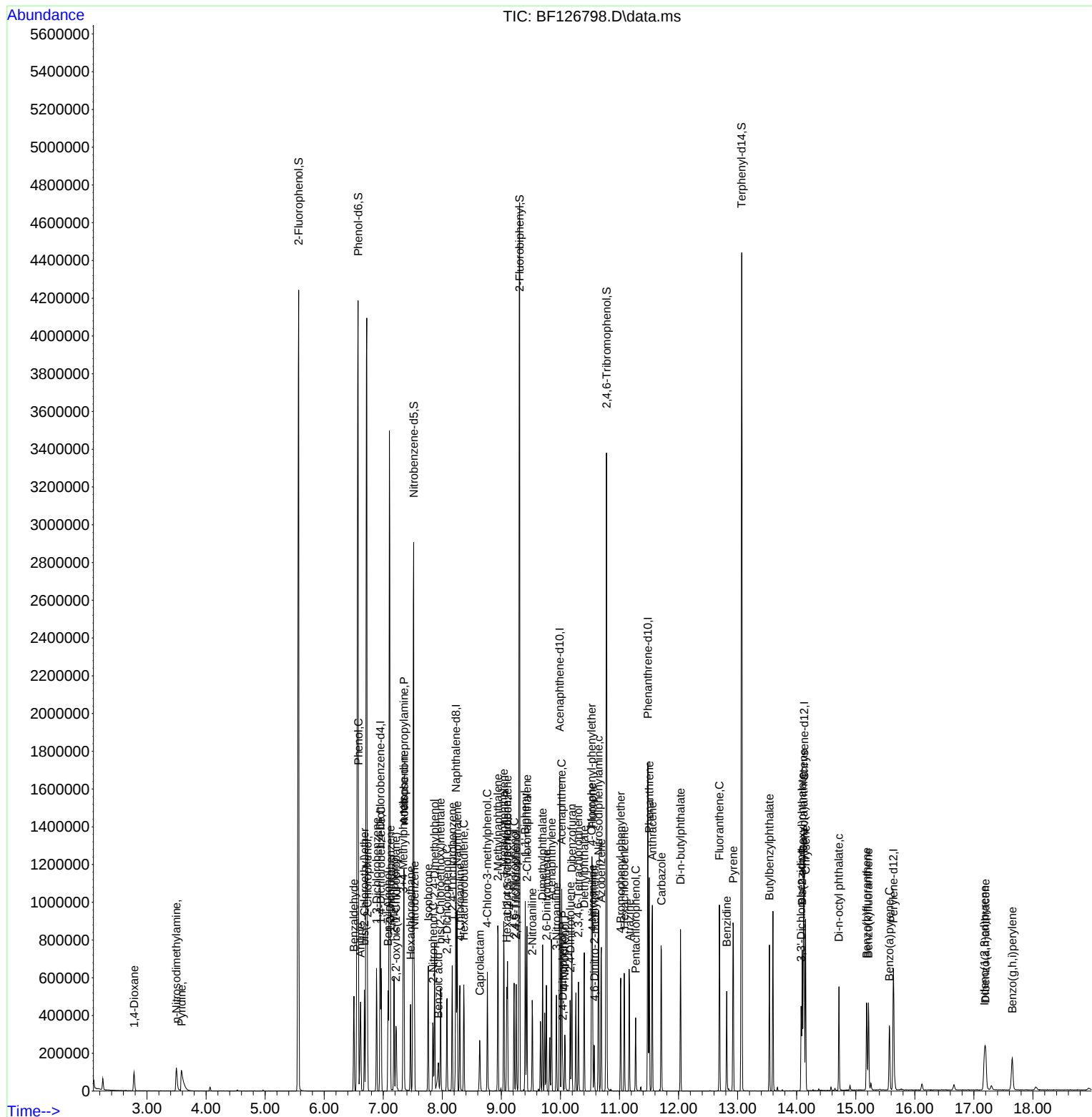
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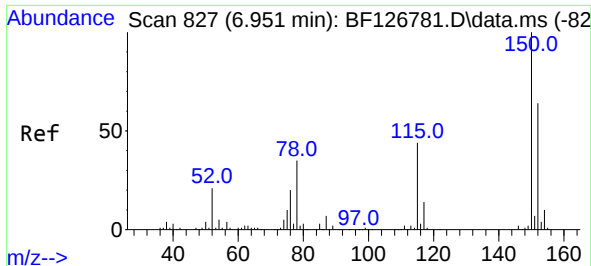
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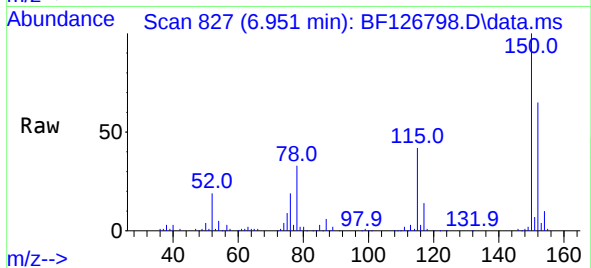
Reviewed By : Christian Giraldo 02/10/2022
 Supervised By : mohammad ahmed 02/10/2022





#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.951 min Scan# 81
Delta R.T. 0.000 min
Lab File: BF126798.D
Acq: 03 Feb 2022 14:54

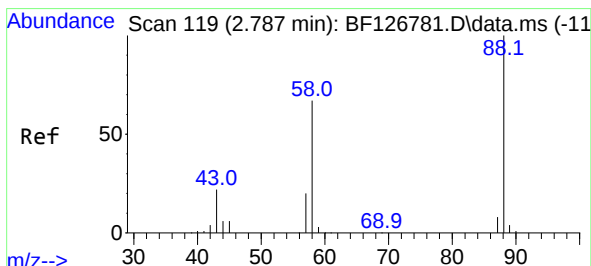
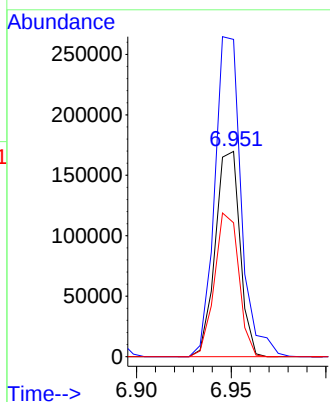
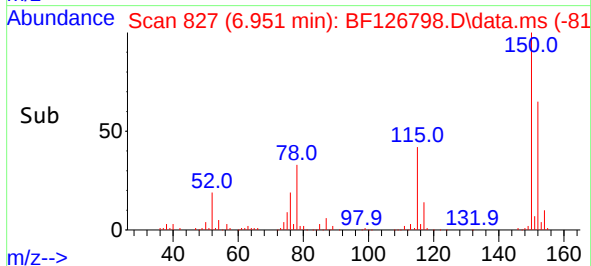
Instrument :
BNA_F
ClientSampleId :
LOQ-WATER-02-QT4-2021



Tgt Ion:152 Resp: 15422
Ion Ratio Lower Upper
152 100
150 154.5 128.1 192.1
115 65.2 56.7 85.1

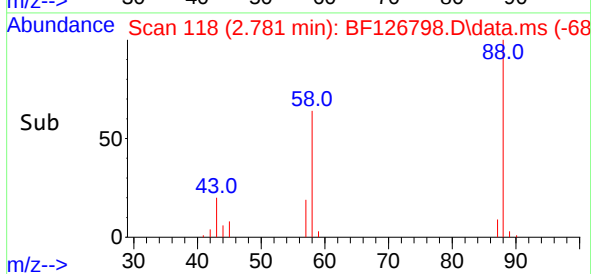
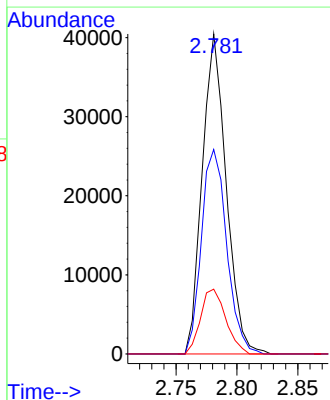
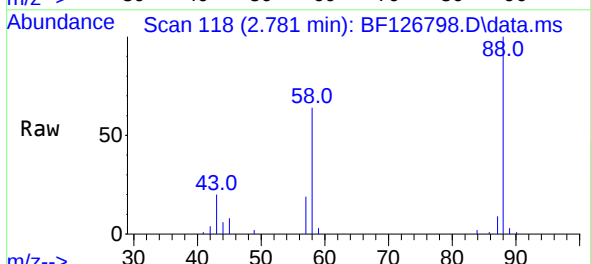
Manual Integrations
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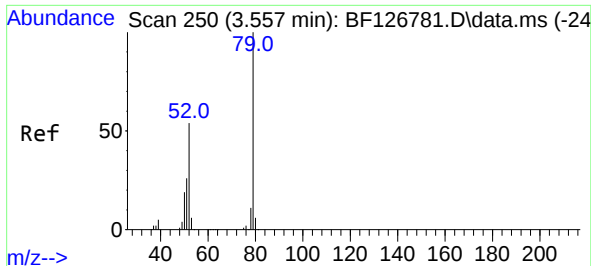
Reviewed By :Christian Giraldo 02/10/2022
Supervised By :mohammad ahmed 02/10/2022



#2
1,4-Dioxane
Concen: 9.710 ng
RT: 2.781 min Scan# 118
Delta R.T. -0.006 min
Lab File: BF126798.D
Acq: 03 Feb 2022 14:54

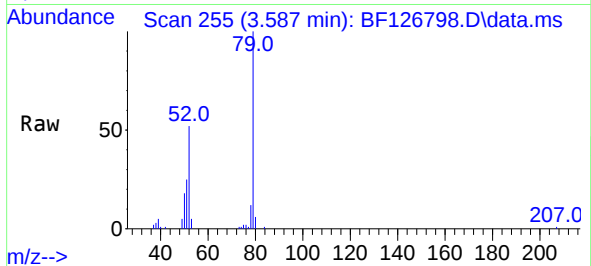
Tgt Ion: 88 Resp: 55328
Ion Ratio Lower Upper
88 100
58 67.3 62.8 94.2
43 21.3 22.3 33.5#





#3
Pyridine
Concen: 8.618 ng
RT: 3.587 min Scan# 21
Delta R.T. 0.029 min
Lab File: BF126798.D
Acq: 03 Feb 2022 14:54

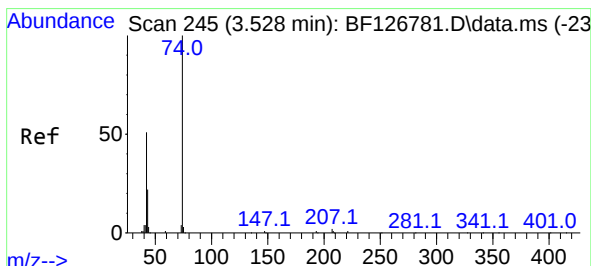
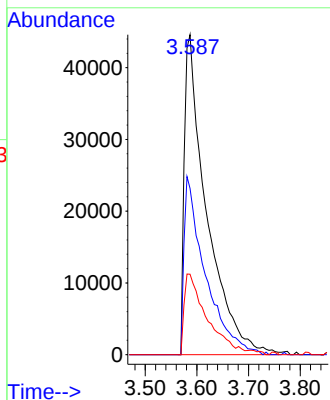
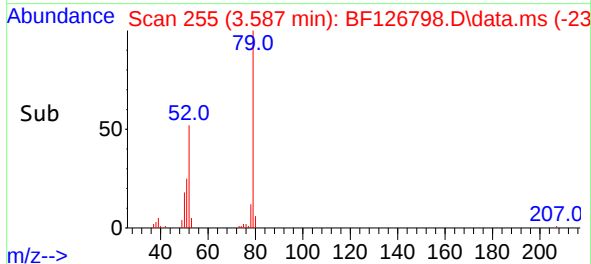
Instrument :
BNA_F
ClientSampleId :
LOQ-WATER-02-QT4-2021



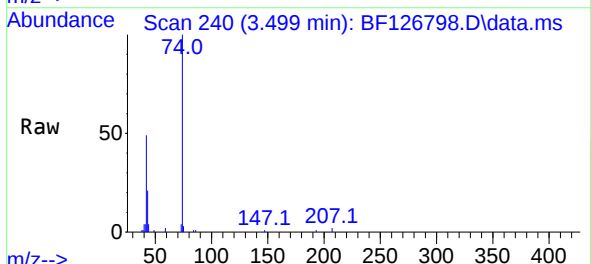
Tgt Ion: 79 Resp: 133164
Ion Ratio Lower Upper
79 100
52 51.9 56.2 84.4
51 25.1 26.7 40.1

Manual Integrations
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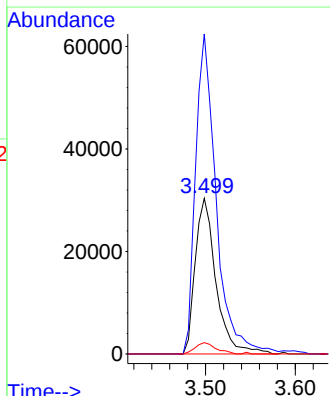
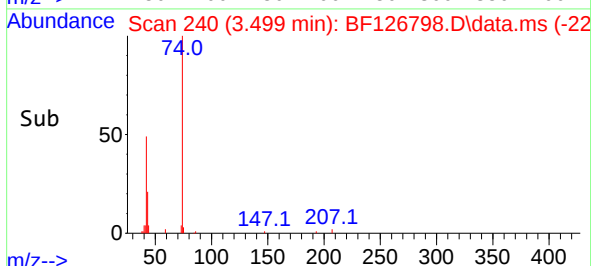
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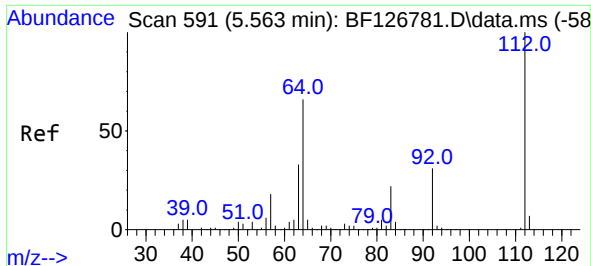


#4
n-Nitrosodimethylamine
Concen: 10.240 ng
RT: 3.499 min Scan# 240
Delta R.T. -0.029 min
Lab File: BF126798.D
Acq: 03 Feb 2022 14:54



Tgt Ion: 42 Resp: 48871
Ion Ratio Lower Upper
42 100
74 205.5 125.6 188.4
44 7.3 5.7 8.5





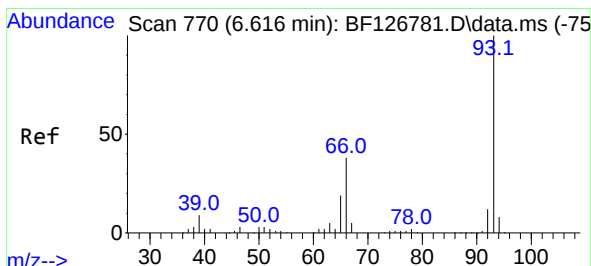
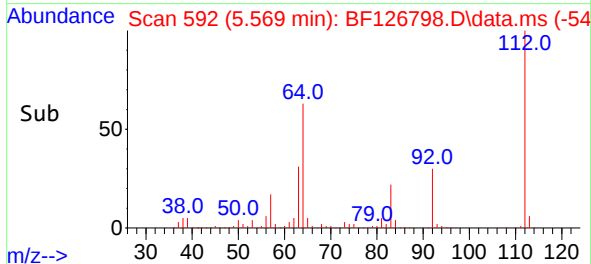
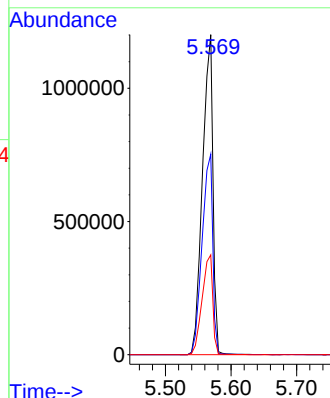
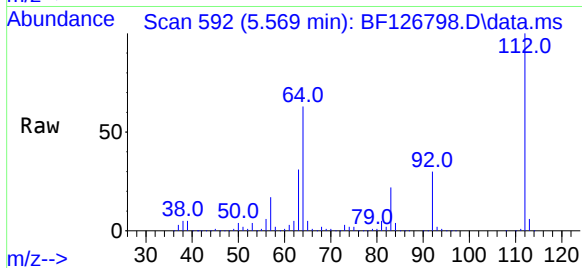
#5
2-Fluorophenol
Concen: 118.609 ng
RT: 5.569 min Scan# 591
Delta R.T. 0.006 min
Lab File: BF126798.D
Acq: 03 Feb 2022 14:54

Instrument :
BNA_F
ClientSampleId :
LOQ-WATER-02-QT4-2021

Tgt Ion:112 Resp: 1335520
Ion Ratio Lower Upper
112 100
64 62.6 49.5 74.3
63 31.2 23.9 35.9

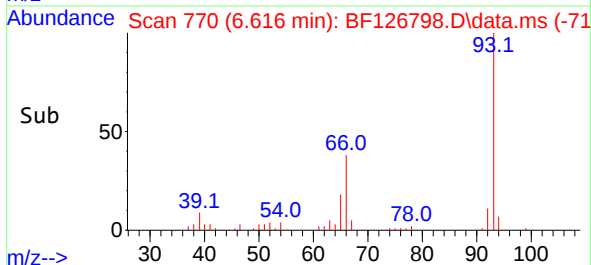
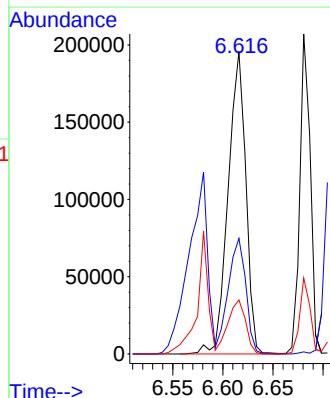
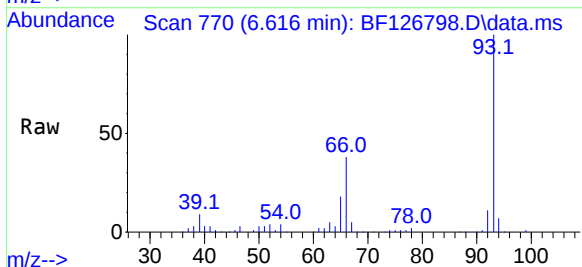
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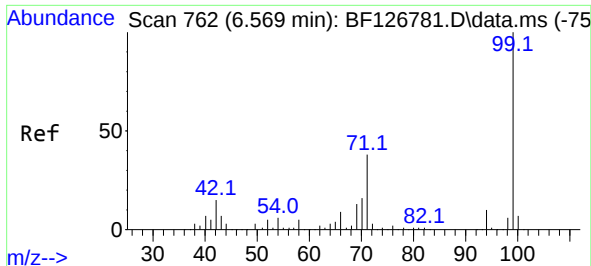
Reviewed By :Christian Giraldo 02/10/2022
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#6
Aniline
Concen: 12.069 ng
RT: 6.616 min Scan# 770
Delta R.T. -0.000 min
Lab File: BF126798.D
Acq: 03 Feb 2022 14:54

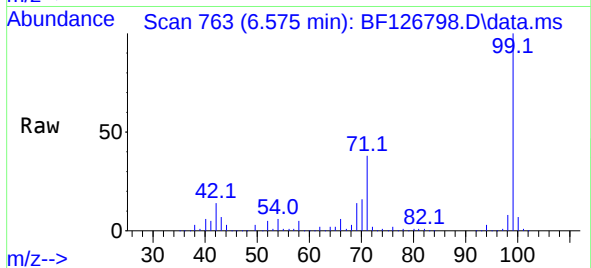
Tgt Ion: 93 Resp: 239859
Ion Ratio Lower Upper
93 100
66 38.2 32.2 48.4
65 17.9 16.3 24.5





#7
Phenol-d6
Concen: 123.852 ng
RT: 6.575 min Scan# 762
Delta R.T. 0.006 min
Lab File: BF126798.D
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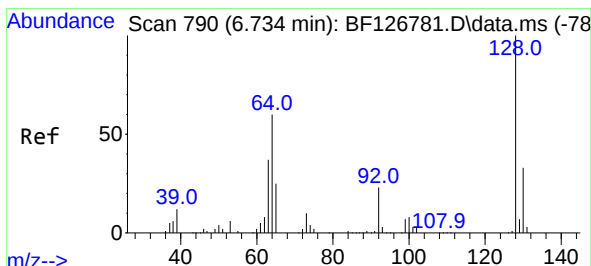
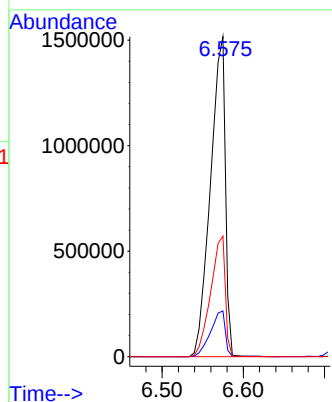
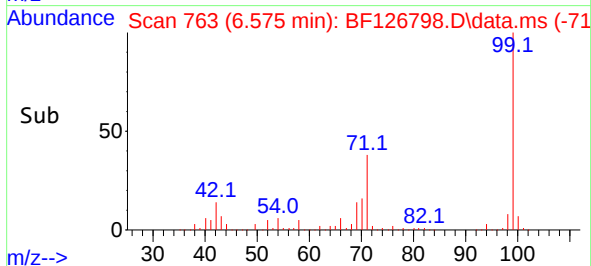
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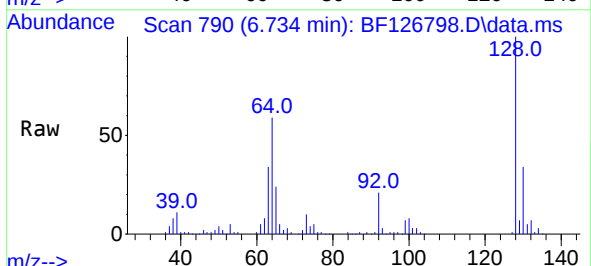
Tgt Ion: 99 Resp: 1929039
Ion Ratio Lower Upper
99 100
42 14.3 14.2 21.4
71 37.6 24.3 36.5

Manual Integrations
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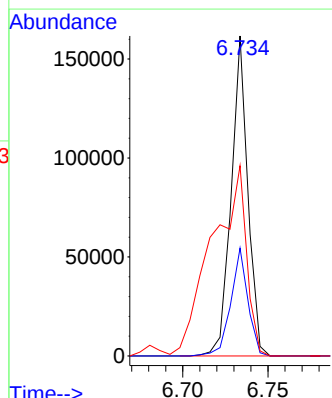
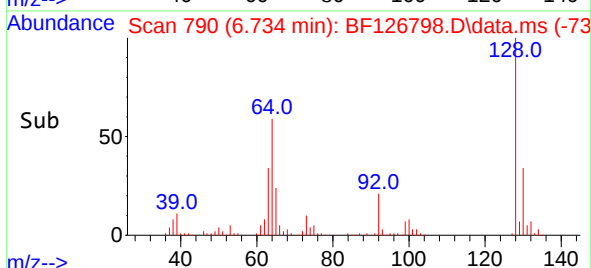
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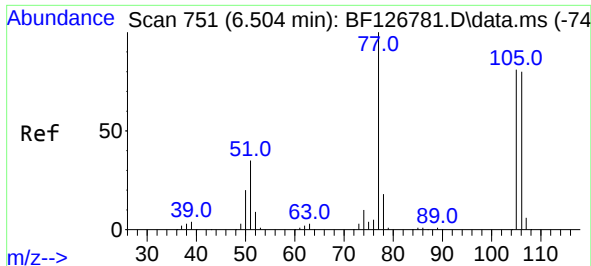


#8
2-Chlorophenol
Concen: 10.645 ng
RT: 6.734 min Scan# 790
Delta R.T. -0.000 min
Lab File: BF126798.D
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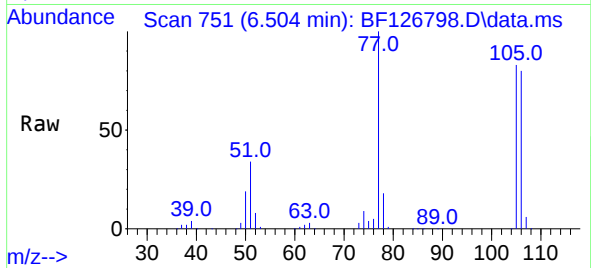
Tgt Ion:128 Resp: 109604
Ion Ratio Lower Upper
128 100
130 33.7 12.7 52.7
64 59.4 35.6 75.6





#9
Benzaldehyde
Concen: 12.545 ng
RT: 6.504 min Scan# 71
Delta R.T. -0.000 min
Lab File: BF126798.D
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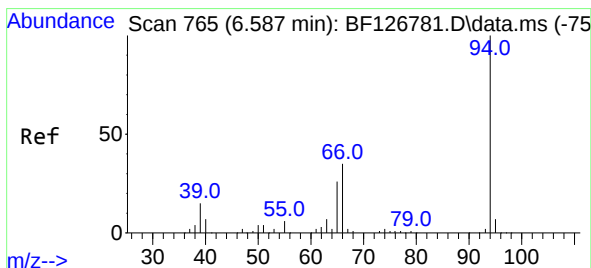
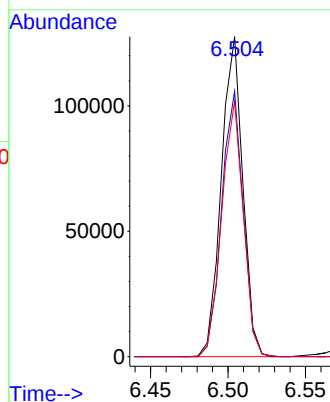
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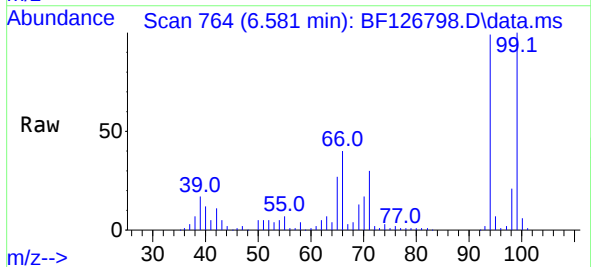
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Ion Ratio Lower Upper
77 100
105 82.9 74.9 114.9
106 79.9 72.4 112.4

Manual Integrations
APPROVED

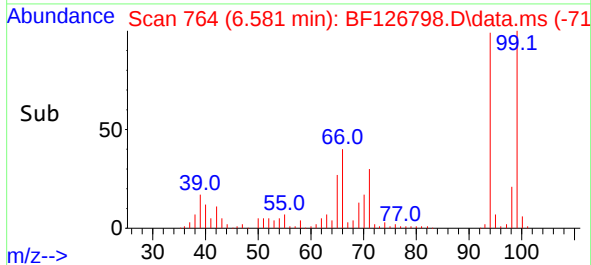
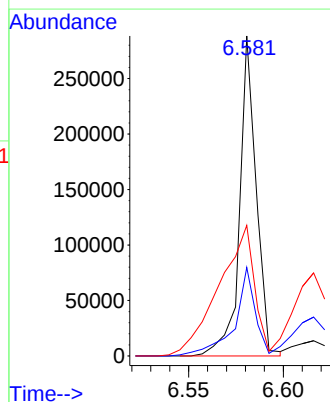
Reviewed By :Christian Giraldo 02/10/2022
Supervised By :mohammad ahmed 02/10/2022

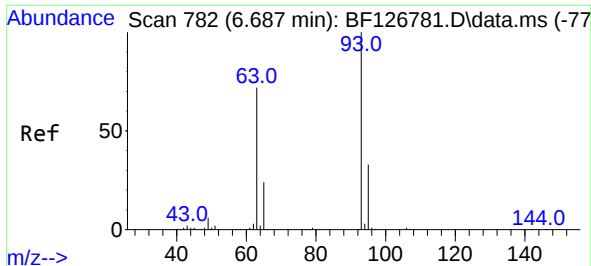


#10
Phenol
Concen: 10.540 ng
RT: 6.581 min Scan# 764
Delta R.T. -0.006 min
Lab File: BF126798.D
Acq: 03 Feb 2022 14:54



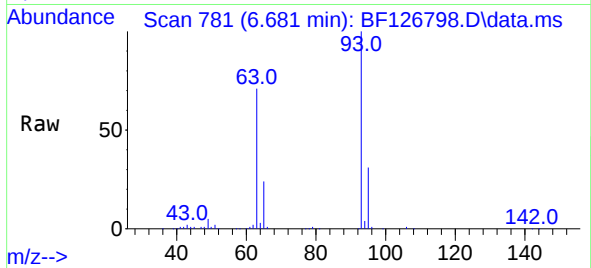
Tgt Ion: 94 Resp: 175722
Ion Ratio Lower Upper
94 100
65 27.6 7.2 47.2
66 40.8 14.5 54.5





#11
bis(2-Chloroethyl)ether
Concen: 11.053 ng
RT: 6.681 min Scan# 781
Delta R.T. -0.006 min
Lab File: BF126798.D
Acq: 03 Feb 2022 14:54

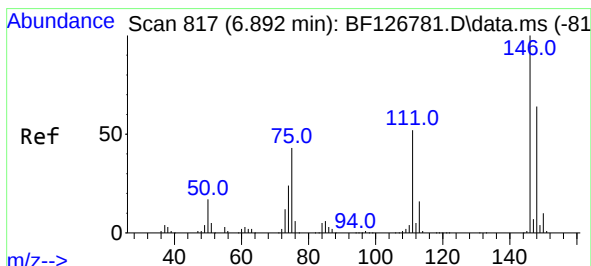
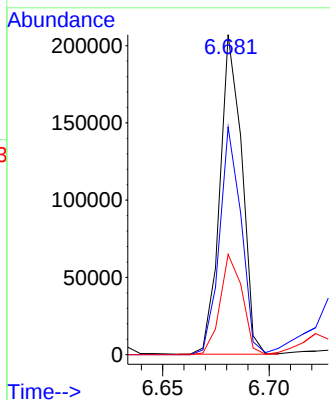
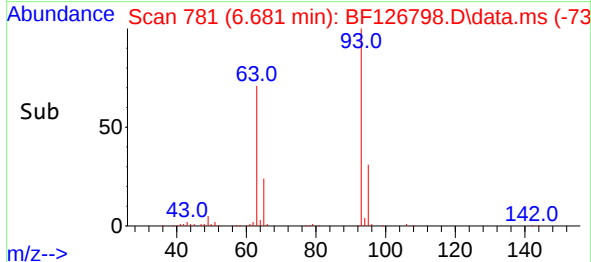
Instrument :
BNA_F
ClientSampleId :
LOQ-WATER-02-QT4-2021



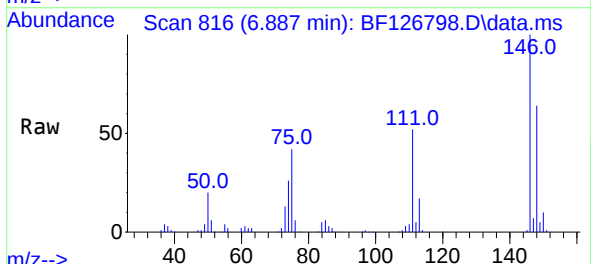
Tgt Ion: 93 Resp: 148458
Ion Ratio Lower Upper
93 100
63 71.1 60.5 100.5
95 31.4 12.9 52.9

Manual Integrations
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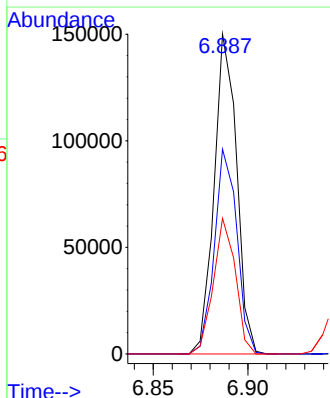
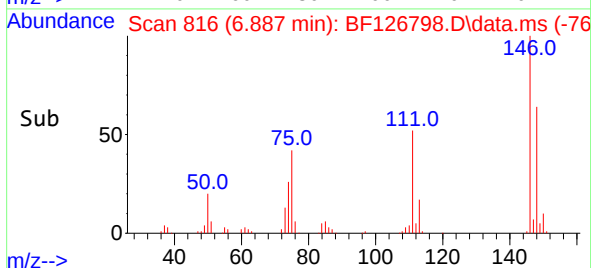
Reviewed By :Christian Giraldo 02/10/2022
Supervised By :mohammad ahmed 02/10/2022

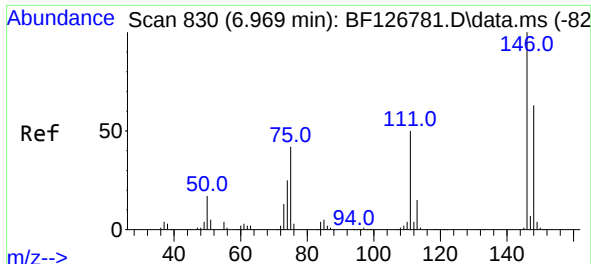


#12
1,3-Dichlorobenzene
Concen: 10.688 ng
RT: 6.887 min Scan# 816
Delta R.T. -0.006 min
Lab File: BF126798.D
Acq: 03 Feb 2022 14:54



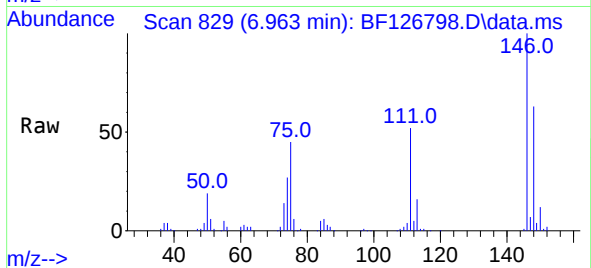
Tgt Ion:146 Resp: 123907
Ion Ratio Lower Upper
146 100
148 64.0 50.9 76.3
75 42.4 28.4 42.6





#13
1,4-Dichlorobenzene
Concen: 10.910 ng
RT: 6.963 min Scan# 81
Delta R.T. -0.006 min
Lab File: BF126798.D
Acq: 03 Feb 2022 14:54

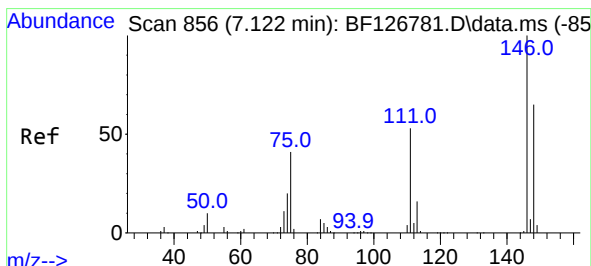
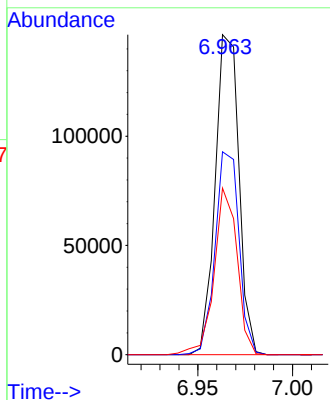
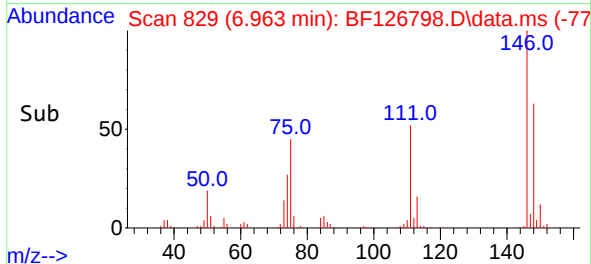
Instrument :
BNA_F
ClientSampleId :
LOQ-WATER-02-QT4-2021



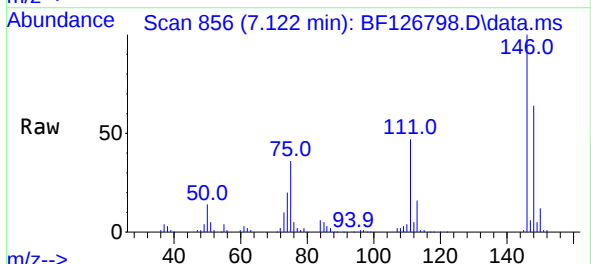
Tgt Ion:146 Resp: 12784
Ion Ratio Lower Upper
146 100
148 63.4 49.8 74.6
111 52.0 36.1 54.1

Manual Integrations
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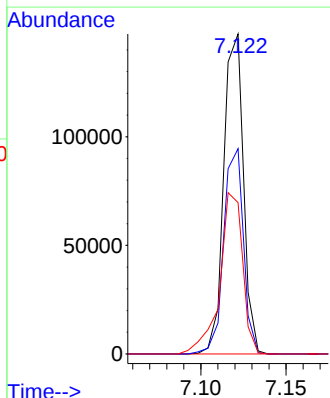
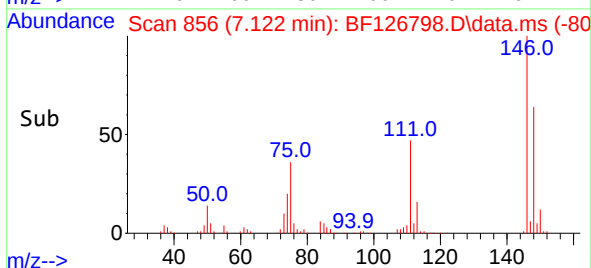
Reviewed By :Christian Giraldo 02/10/2022
Supervised By :mohammad ahmed 02/10/2022

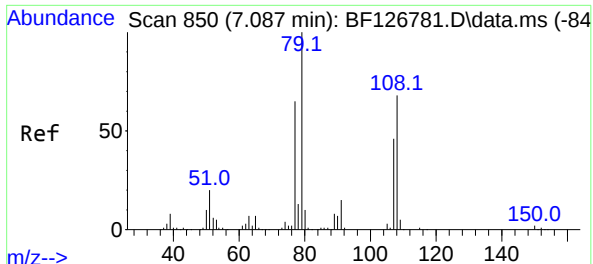


#14
1,2-Dichlorobenzene
Concen: 10.402 ng
RT: 7.122 min Scan# 856
Delta R.T. -0.000 min
Lab File: BF126798.D
Acq: 03 Feb 2022 14:54



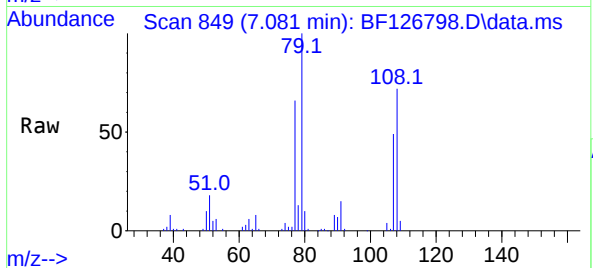
Tgt Ion:146 Resp: 118439
Ion Ratio Lower Upper
146 100
148 64.2 51.6 77.4
111 47.3 40.2 60.2





#15
Benzyl Alcohol
Concen: 11.099 ng
RT: 7.081 min Scan# 849
Delta R.T. -0.006 min
Lab File: BF126798.D
Acq: 03 Feb 2022 14:54

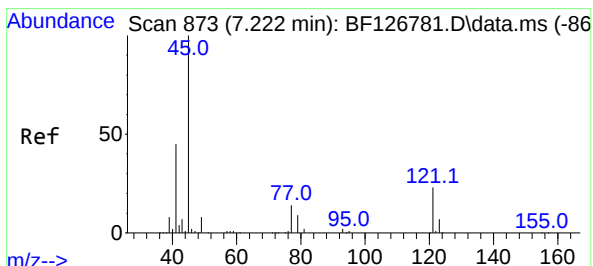
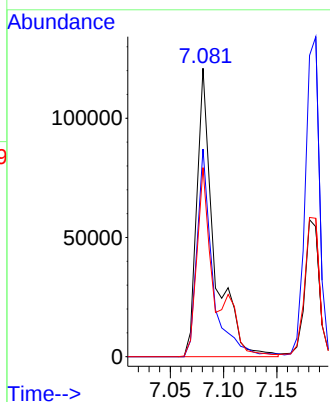
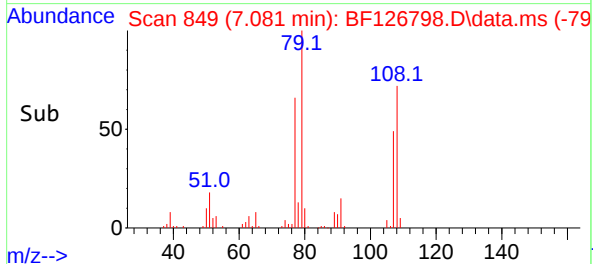
Instrument :
BNA_F
ClientSampleId :
LOQ-WATER-02-QT4-2021



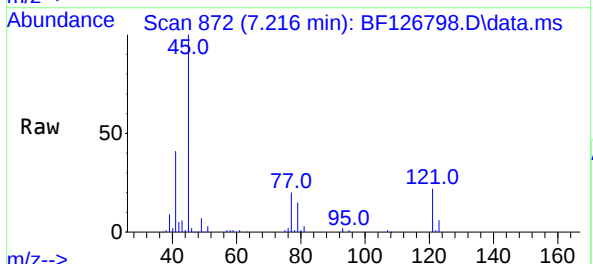
Tgt Ion: 79 Resp: 13812
Ion Ratio Lower Upper
79 100
108 72.0 63.2 94.8
77 65.5 49.4 74.2

Manual Integrations
APPROVED

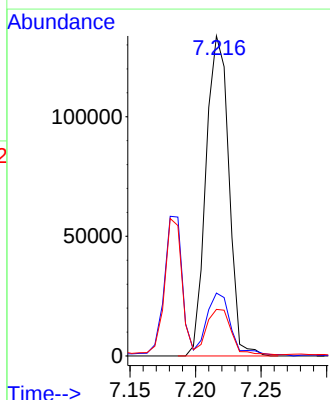
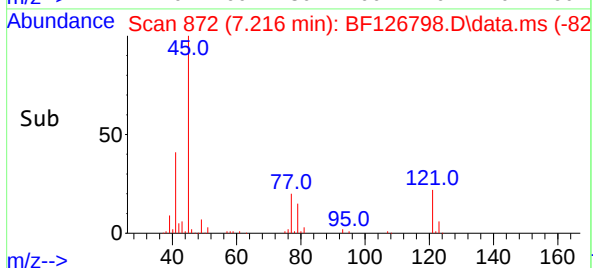
Reviewed By :Christian Giraldo 02/10/2022
Supervised By :mohammad ahmed 02/10/2022

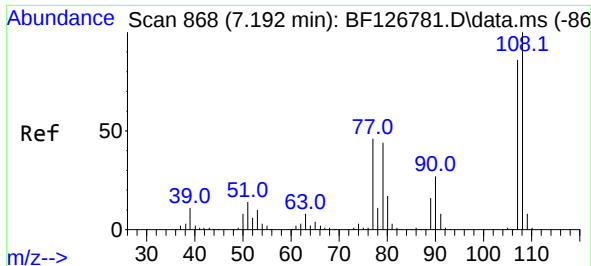


#16
2,2'-oxybis(1-Chloropropane)
Concen: 11.206 ng
RT: 7.216 min Scan# 872
Delta R.T. -0.006 min
Lab File: BF126798.D
Acq: 03 Feb 2022 14:54



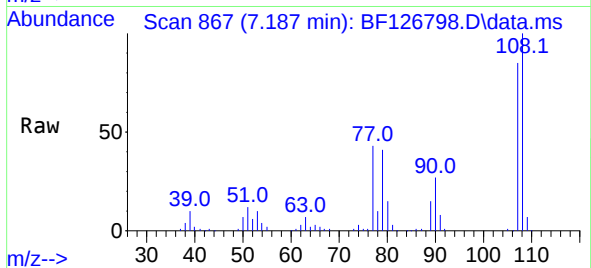
Tgt Ion: 45 Resp: 162142
Ion Ratio Lower Upper
45 100
77 19.7 0.0 32.4
79 14.6 0.0 29.8





#17
2-Methylphenol
Concen: 10.258 ng
RT: 7.187 min Scan# 867
Delta R.T. -0.006 min
Lab File: BF126798.D
Acq: 03 Feb 2022 14:54

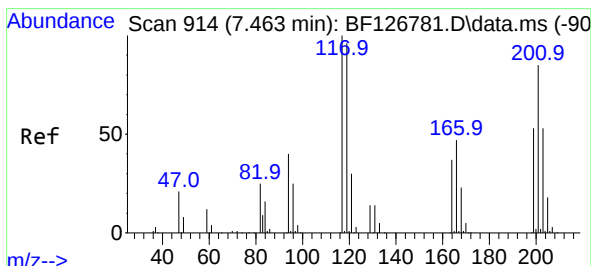
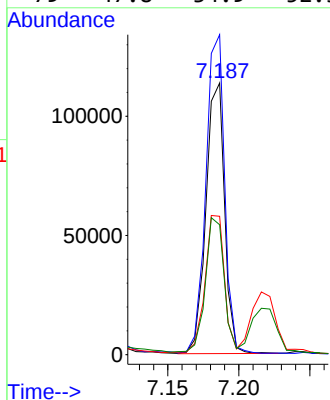
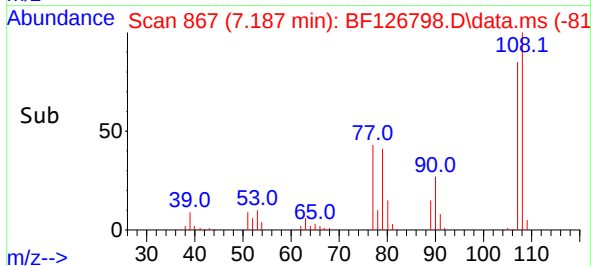
Instrument :
BNA_F
ClientSampleId :
LOQ-WATER-02-QT4-2021



Tgt Ion:107 Resp: 10386
Ion Ratio Lower Upper
107 100
108 117.8 93.4 140.0
77 50.9 36.1 54.1
79 47.8 34.9 52.3

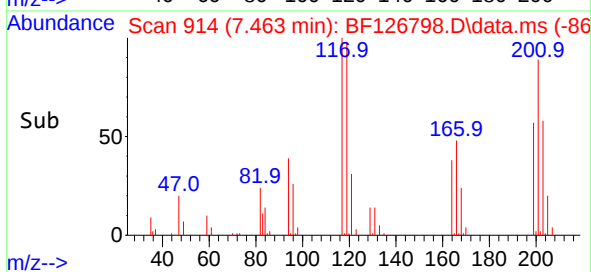
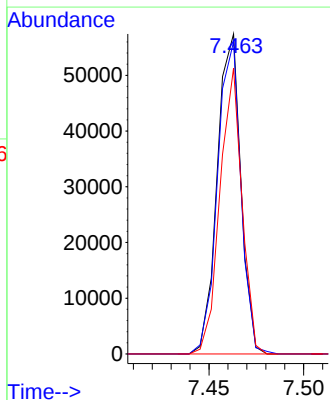
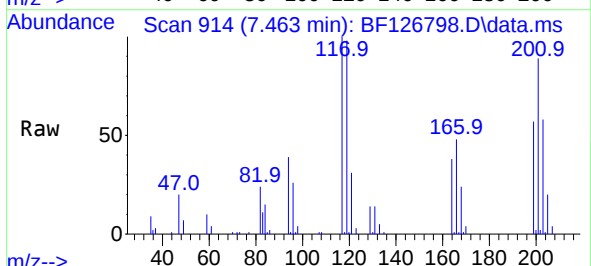
Manual Integrations
APPROVED

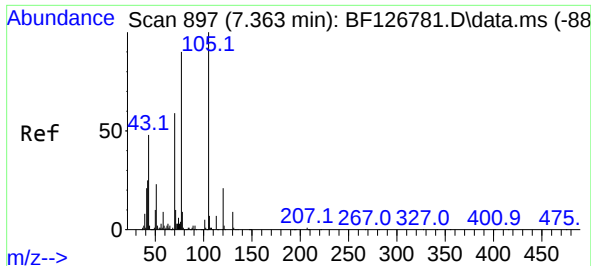
Reviewed By :Christian Giraldo 02/10/2022
Supervised By :mohammad ahmed 02/10/2022



#18
Hexachloroethane
Concen: 10.830 ng
RT: 7.463 min Scan# 914
Delta R.T. -0.000 min
Lab File: BF126798.D
Acq: 03 Feb 2022 14:54

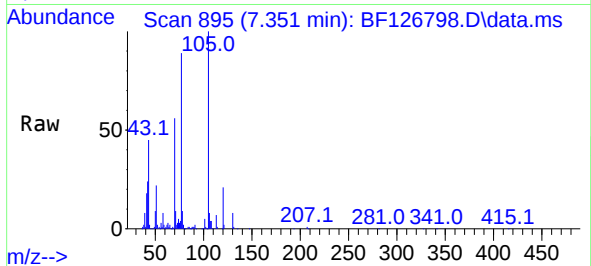
Tgt Ion:117 Resp: 49711
Ion Ratio Lower Upper
117 100
119 97.5 75.4 113.0
201 89.4 56.8 85.2#





#19
n-Nitroso-di-n-propylamine
Concen: 10.882 ng
RT: 7.351 min Scan# 891
Delta R.T. -0.012 min
Lab File: BF126798.D
Acq: 03 Feb 2022 14:54

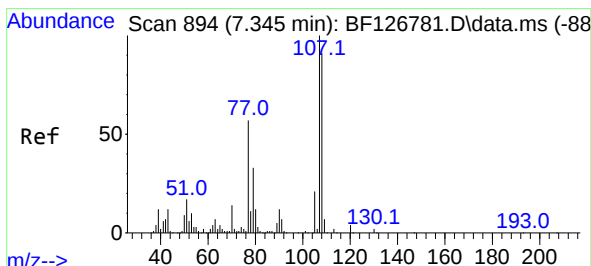
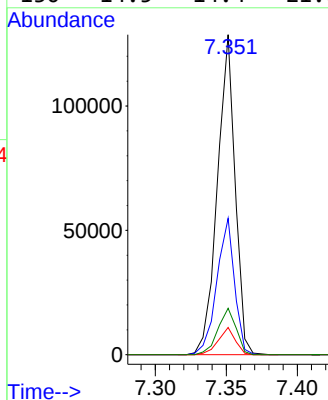
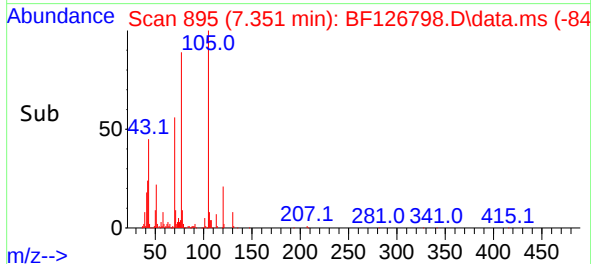
Instrument :
BNA_F
ClientSampleId :
LOQ-WATER-02-QT4-2021



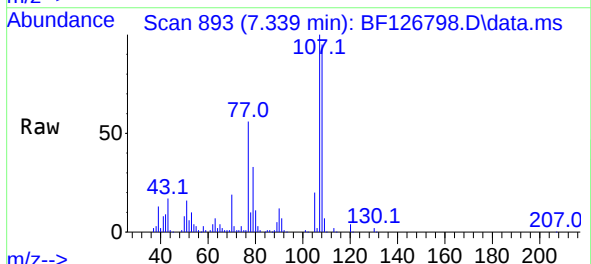
Tgt Ion: 70 Resp: 11161
Ion Ratio Lower Upper
70 100
42 42.6 45.8 68.8
101 8.5 6.9 10.3
130 14.5 14.4 21.6

Manual Integrations
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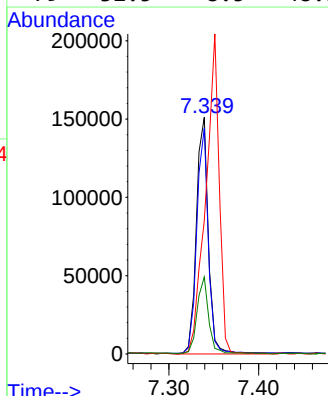
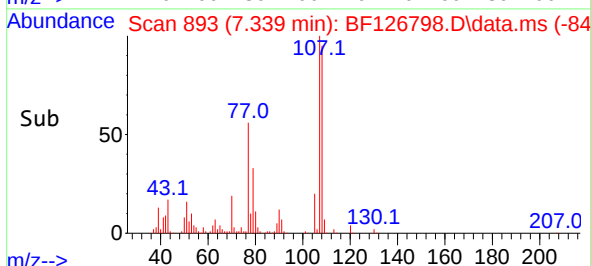
Reviewed By :Christian Giraldo 02/10/2022
Supervised By :mohammad ahmed 02/10/2022

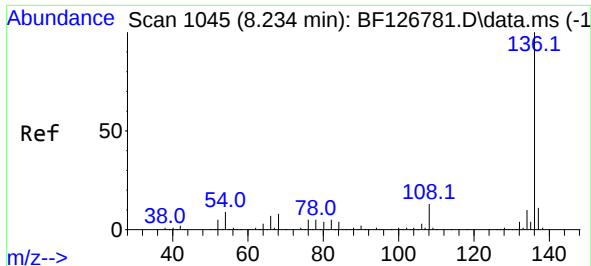


#20
3+4-Methylphenols
Concen: 11.020 ng
RT: 7.339 min Scan# 893
Delta R.T. -0.006 min
Lab File: BF126798.D
Acq: 03 Feb 2022 14:54



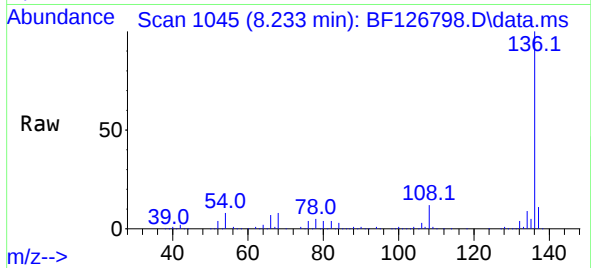
Tgt Ion:107 Resp: 140530
Ion Ratio Lower Upper
107 100
108 95.3 72.4 112.4
77 56.3 83.8 123.8
79 32.5 8.5 48.5





#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.233 min Scan# 1045
Delta R.T. -0.000 min
Lab File: BF126798.D
Acq: 03 Feb 2022 14:54

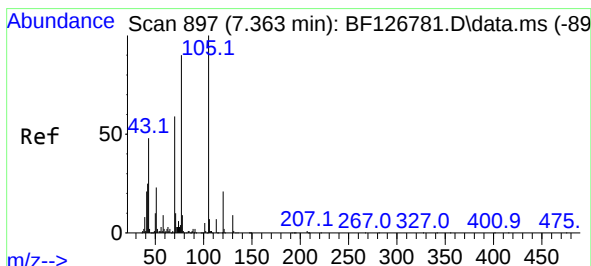
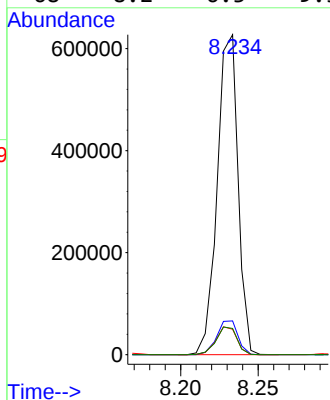
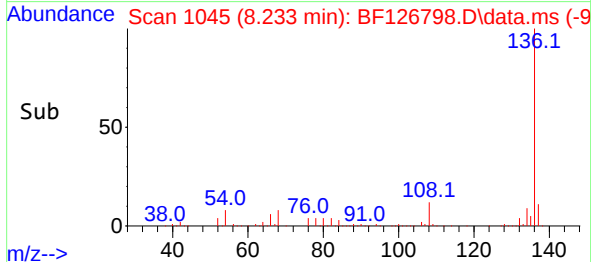
Instrument :
BNA_F
ClientSampleId :
LOQ-WATER-02-QT4-2021



Tgt Ion:136 Resp: 58613
Ion Ratio Lower Upper
136 100
137 10.5 8.6 13.0
54 7.9 7.8 11.6
68 8.2 6.3 9.5

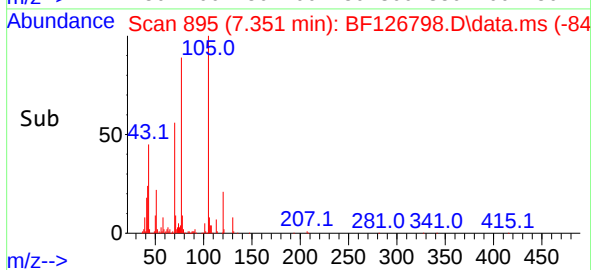
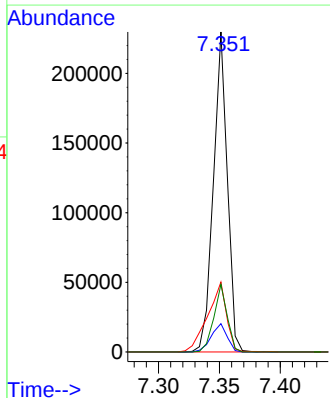
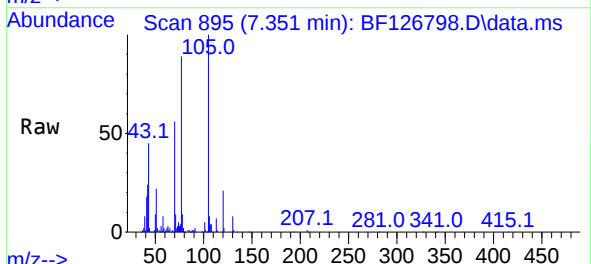
Manual Integrations
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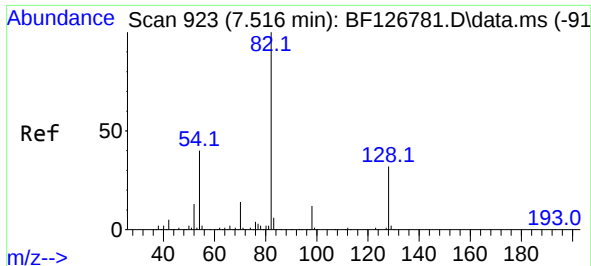
Reviewed By :Christian Giraldo 02/10/2022
Supervised By :mohammad ahmed 02/10/2022



#22
Acetophenone
Concen: 10.770 ng
RT: 7.351 min Scan# 895
Delta R.T. -0.012 min
Lab File: BF126798.D
Acq: 03 Feb 2022 14:54

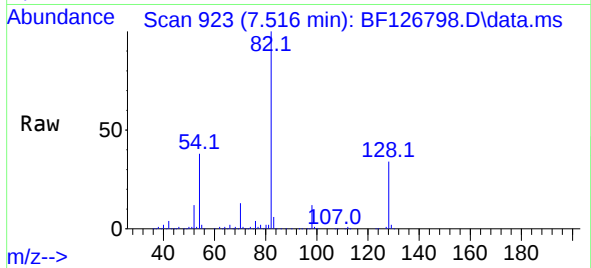
Tgt Ion:105 Resp: 182672
Ion Ratio Lower Upper
105 100
71 8.9 5.4 8.0#
51 21.9 27.4 41.0#
120 21.1 17.0 25.6





#23
Nitrobenzene-d5
Concen: 77.327 ng
RT: 7.516 min Scan# 91
Delta R.T. -0.000 min
Lab File: BF126798.D
Acq: 03 Feb 2022 14:54

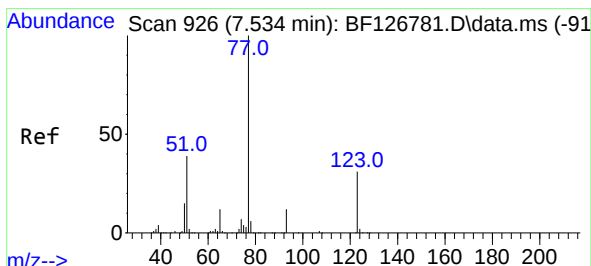
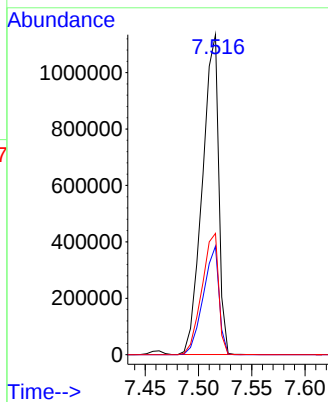
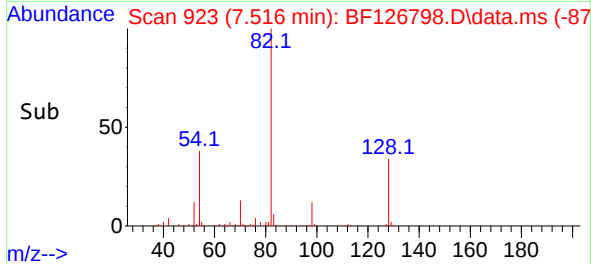
Instrument :
BNA_F
ClientSampleId :
LOQ-WATER-02-QT4-2021



Tgt Ion: 82 Resp: 1211059
Ion Ratio Lower Upper
82 100
128 33.9 32.7 49.1
54 37.9 41.7 62.5

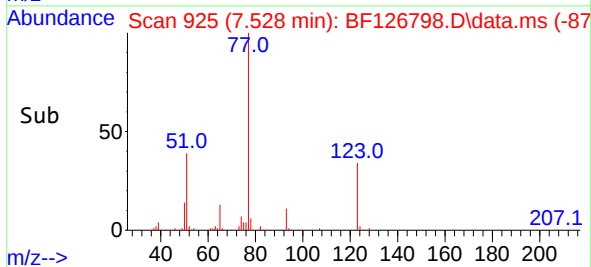
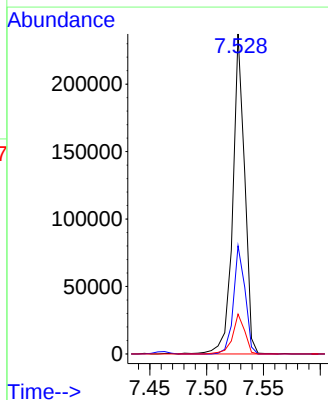
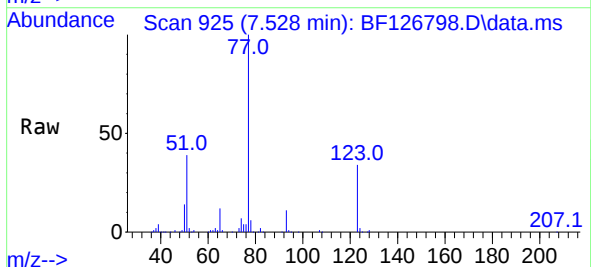
Manual Integrations
APPROVED

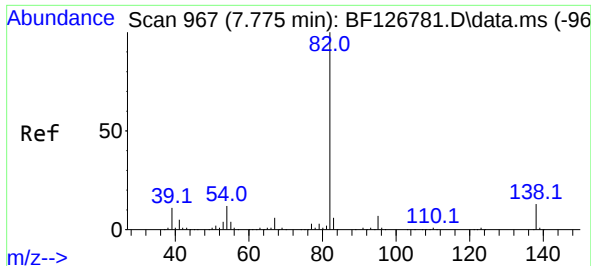
Reviewed By :Christian Giraldo 02/10/2022
Supervised By :mohammad ahmed 02/10/2022



#24
Nitrobenzene
Concen: 11.074 ng
RT: 7.528 min Scan# 925
Delta R.T. -0.006 min
Lab File: BF126798.D
Acq: 03 Feb 2022 14:54

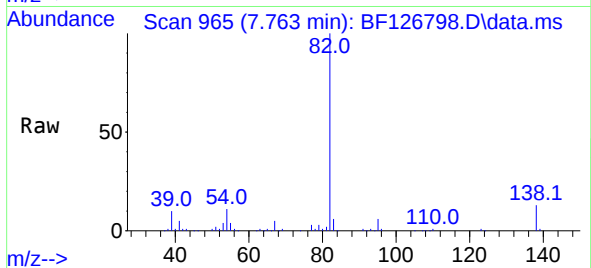
Tgt Ion: 77 Resp: 172170
Ion Ratio Lower Upper
77 100
123 33.8 34.6 52.0#
65 12.5 10.6 15.8





#25
Isophorone
Concen: 10.859 ng
RT: 7.763 min Scan# 90
Delta R.T. -0.012 min
Lab File: BF126798.D
Acq: 03 Feb 2022 14:54

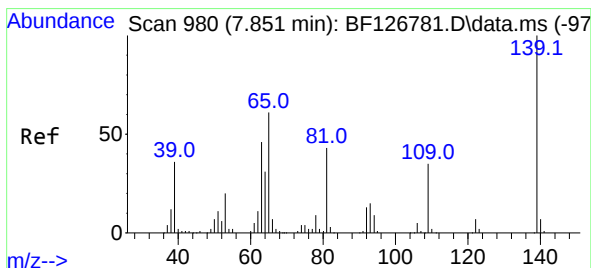
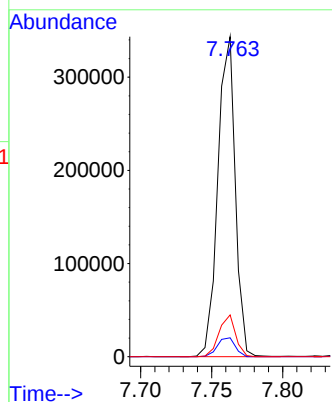
Instrument :
BNA_F
ClientSampleId :
LOQ-WATER-02-QT4-2021



Tgt Ion: 82 Resp: 291870
Ion Ratio Lower Upper
82 100
95 5.9 5.0 7.4
138 13.0 12.3 18.5

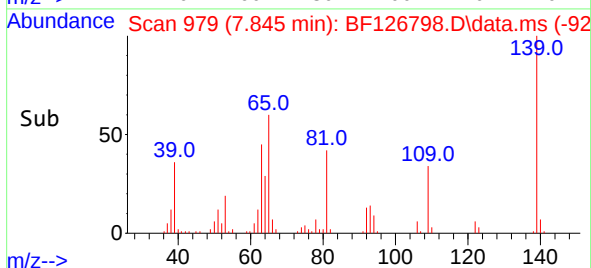
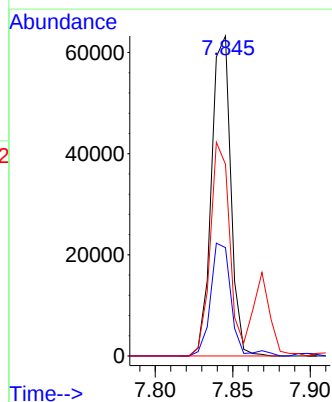
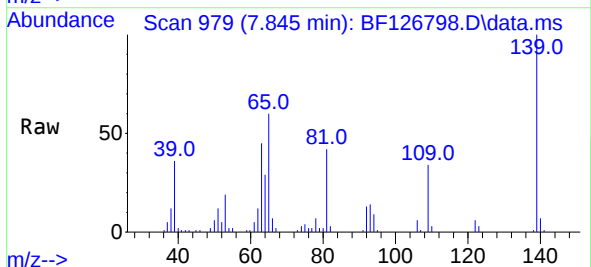
Manual Integrations
APPROVED

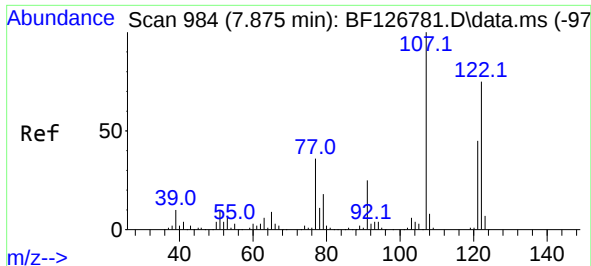
Reviewed By :Christian Giraldo 02/10/2022
Supervised By :mohammad ahmed 02/10/2022



#26
2-Nitrophenol
Concen: 10.607 ng
RT: 7.845 min Scan# 979
Delta R.T. -0.006 min
Lab File: BF126798.D
Acq: 03 Feb 2022 14:54

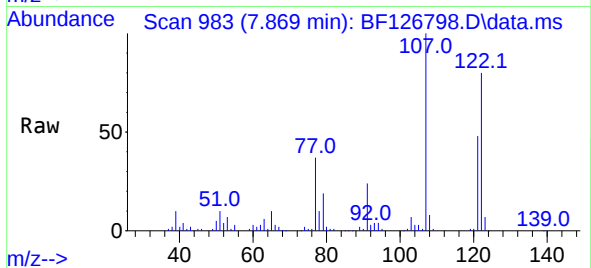
Tgt Ion:139 Resp: 54959
Ion Ratio Lower Upper
139 100
109 33.9 20.0 30.0#
65 59.9 40.8 61.2





#27
2,4-Dimethylphenol
Concen: 12.095 ng
RT: 7.869 min Scan# 91
Delta R.T. -0.006 min
Lab File: BF126798.D
Acq: 03 Feb 2022 14:54

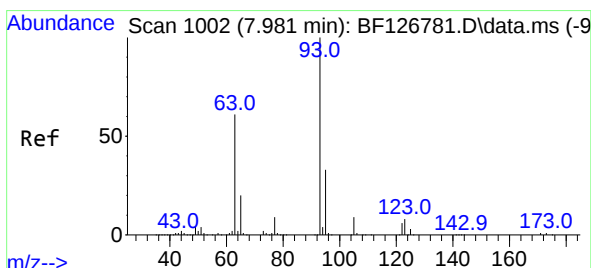
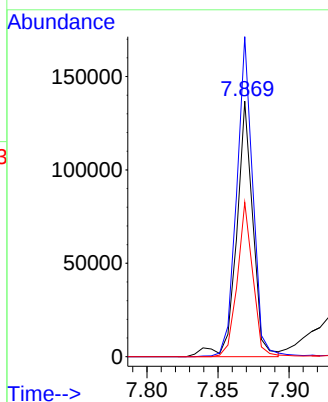
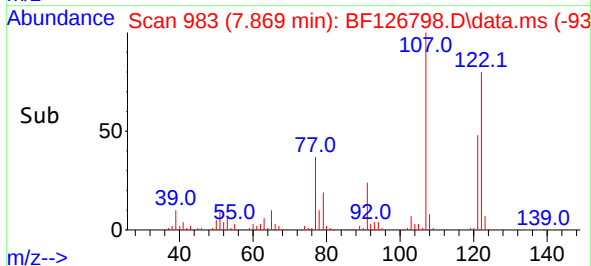
Instrument :
BNA_F
ClientSampleId :
LOQ-WATER-02-QT4-2021



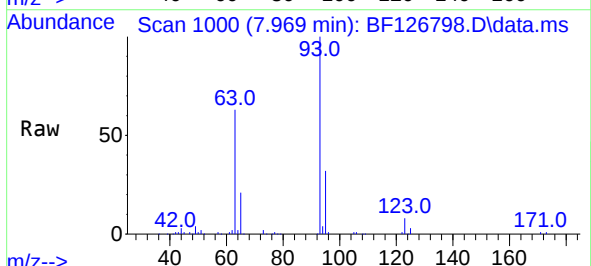
Tgt Ion:122 Resp: 109450
Ion Ratio Lower Upper
122 100
107 125.2 91.2 136.8
121 60.4 44.4 66.6

Manual Integrations
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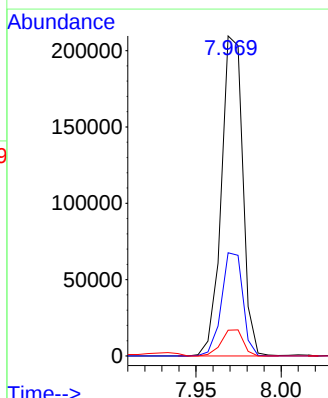
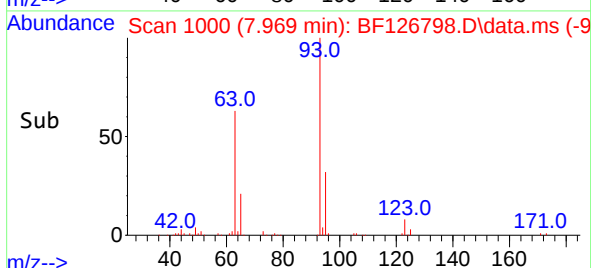
Reviewed By :Christian Giraldo 02/10/2022
Supervised By :mohammad ahmed 02/10/2022

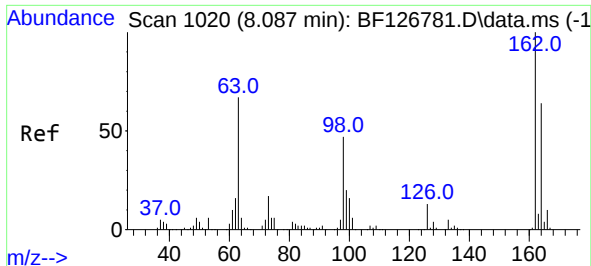


#28
bis(2-Chloroethoxy)methane
Concen: 10.759 ng
RT: 7.969 min Scan# 1000
Delta R.T. -0.012 min
Lab File: BF126798.D
Acq: 03 Feb 2022 14:54



Tgt Ion: 93 Resp: 183414
Ion Ratio Lower Upper
93 100
95 32.2 25.4 38.2
123 8.1 8.9 13.3#





#29

2,4-Dichlorophenol

Concen: 10.516 ng

RT: 8.081 min Scan# 1020

Delta R.T. -0.006 min

Lab File: BF126798.D

Acq: 03 Feb 2022 14:54

Instrument :

BNA_F

ClientSampleId :

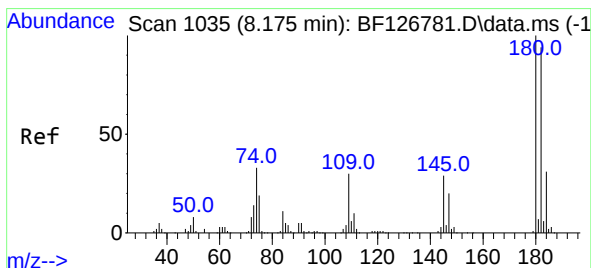
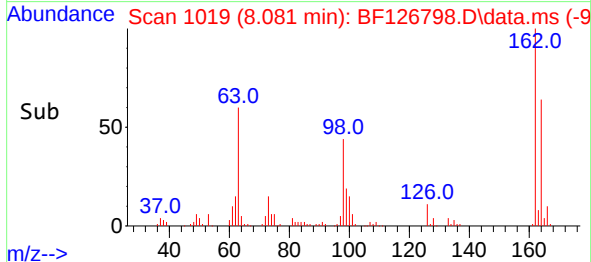
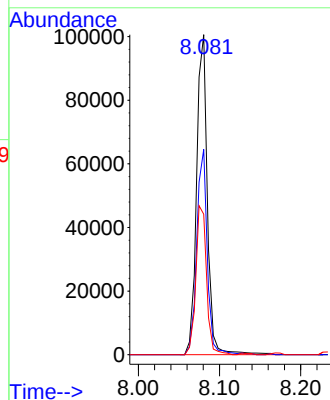
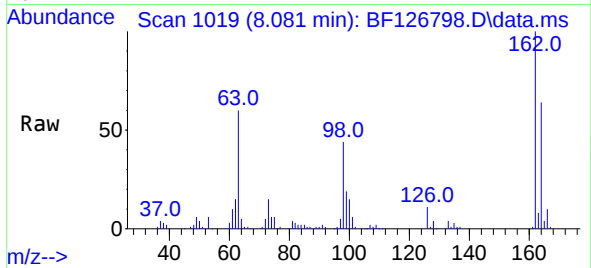
LOQ-WATER-02-QT4-2021

Tgt Ion:162	Resp:	93689
Ion Ratio	Lower	Upper
162	100	
164	64.1	43.8 83.8
98	43.9	23.6 63.6

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 02/10/2022
Supervised By :mohammad ahmed 02/10/2022



#30

1,2,4-Trichlorobenzene

Concen: 10.685 ng

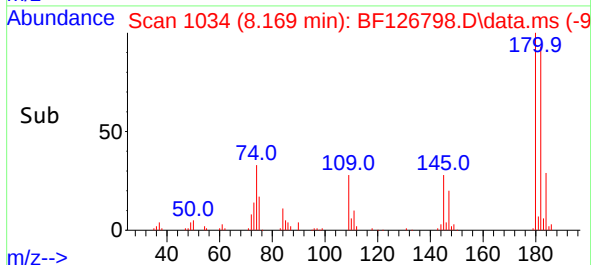
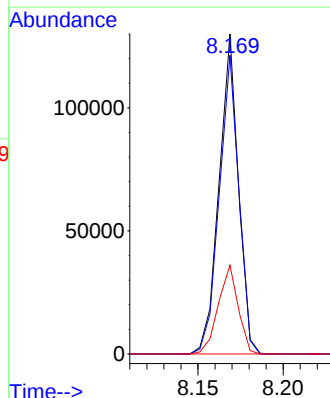
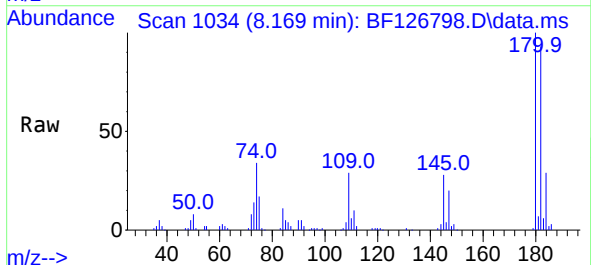
RT: 8.169 min Scan# 1034

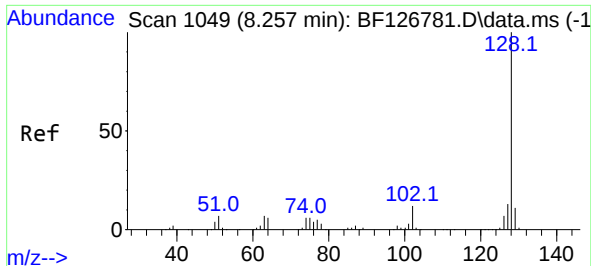
Delta R.T. -0.006 min

Lab File: BF126798.D

Acq: 03 Feb 2022 14:54

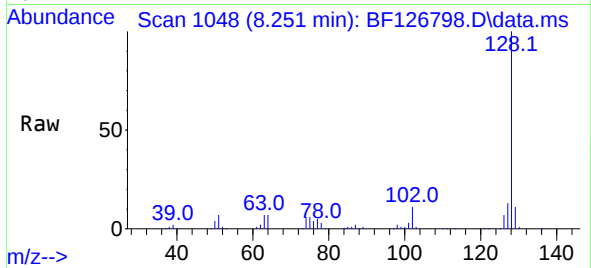
Tgt Ion:180	Resp:	102369
Ion Ratio	Lower	Upper
180	100	
182	93.3	75.5 113.3
145	27.8	26.2 39.2





#31
Naphthalene
Concen: 11.222 ng
RT: 8.251 min Scan# 1049
Delta R.T. -0.006 min
Lab File: BF126798.D
Acq: 03 Feb 2022 14:54

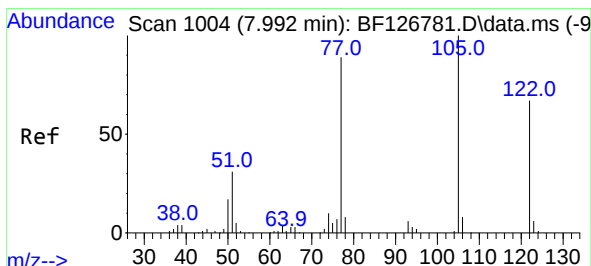
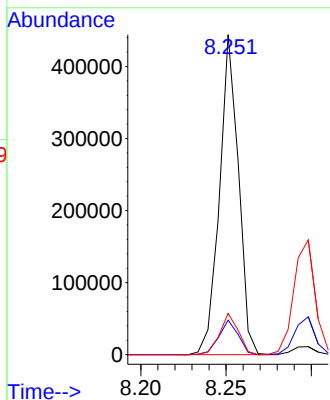
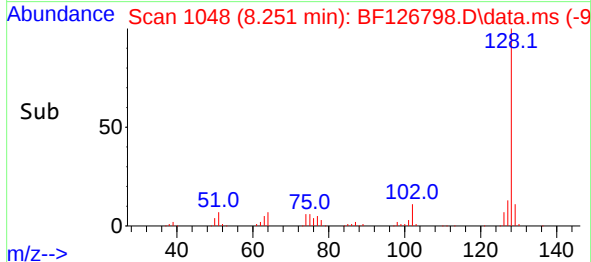
Instrument :
BNA_F
ClientSampleId :
LOQ-WATER-02-QT4-2021



Tgt Ion:128 Resp: 34379
Ion Ratio Lower Upper
128 100
129 10.8 8.6 13.0
127 12.9 10.3 15.5

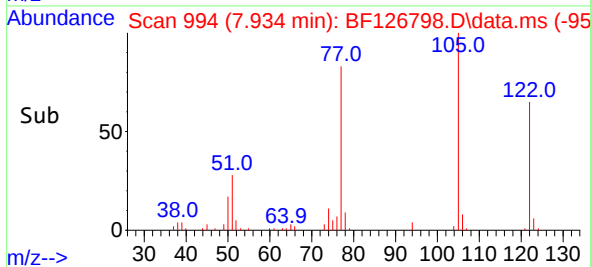
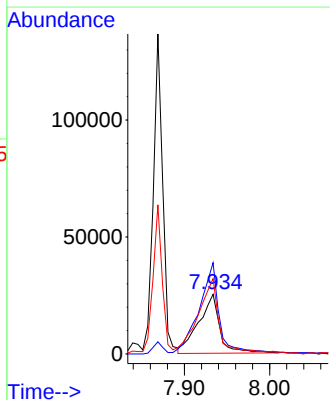
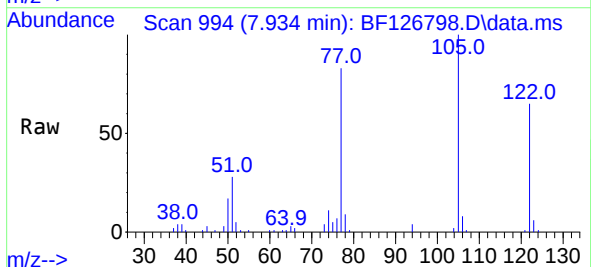
Manual Integrations
APPROVED

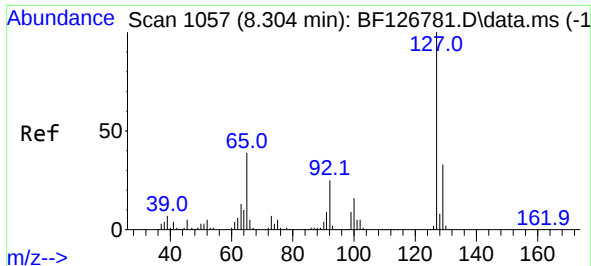
Reviewed By :Christian Giraldo 02/10/2022
Supervised By :mohammad ahmed 02/10/2022



#32
Benzoic acid
Concen: 6.262 ng
RT: 7.934 min Scan# 994
Delta R.T. -0.059 min
Lab File: BF126798.D
Acq: 03 Feb 2022 14:54

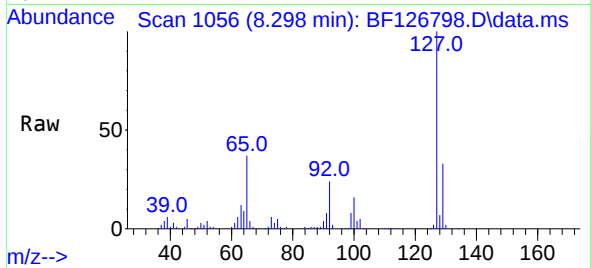
Tgt Ion:122 Resp: 43733
Ion Ratio Lower Upper
122 100
105 152.8 101.0 141.0#
77 126.1 74.5 114.5#





#33
4-Chloroaniline
Concen: 11.469 ng
RT: 8.298 min Scan# 1056
Delta R.T. -0.006 min
Lab File: BF126798.D
Acq: 03 Feb 2022 14:54

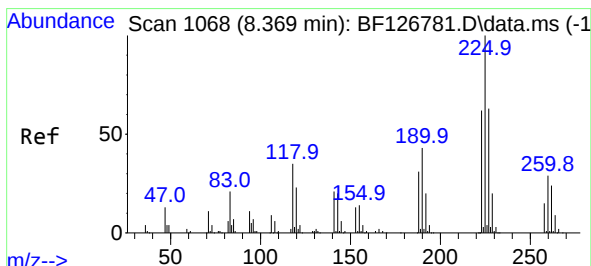
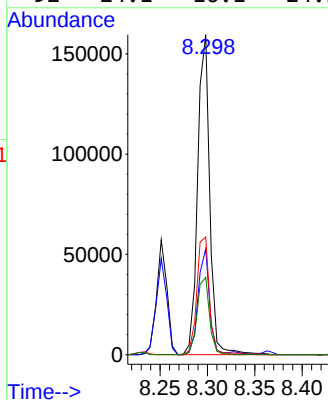
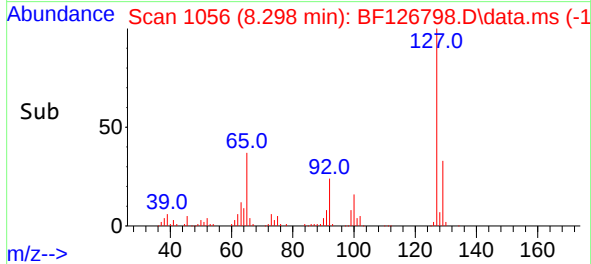
Instrument :
BNA_F
ClientSampleId :
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Tgt Ion:	127	Resp:	141974
Ion	Ratio	Lower	Upper
127	100		
129	33.0	26.5	39.7
65	36.8	26.6	39.8
92	24.1	16.1	24.1

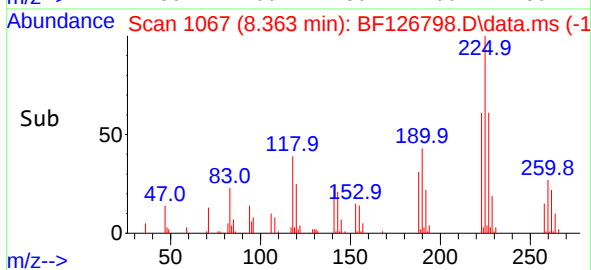
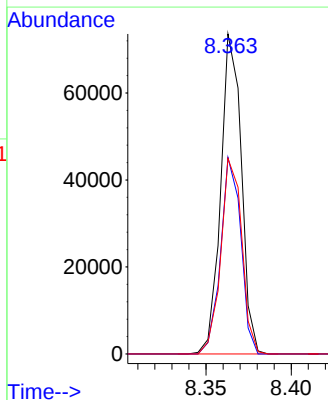
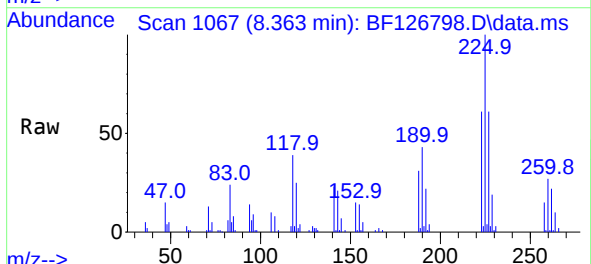
Manual Integrations
APPROVED

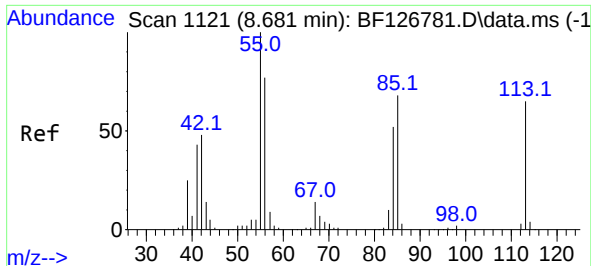
Reviewed By :Christian Giraldo 02/10/2022
Supervised By :mohammad ahmed 02/10/2022



#34
Hexachlorobutadiene
Concen: 10.293 ng
RT: 8.363 min Scan# 1067
Delta R.T. -0.006 min
Lab File: BF126798.D
Acq: 03 Feb 2022 14:54

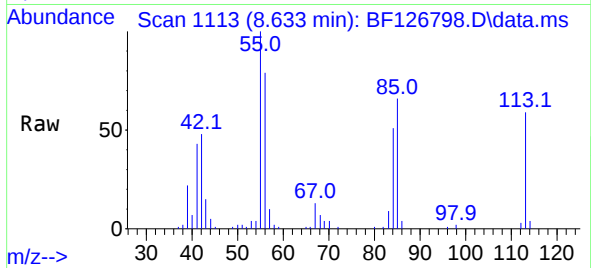
Tgt Ion:	225	Resp:	61809
Ion	Ratio	Lower	Upper
225	100		
223	61.4	48.6	73.0
227	61.1	51.4	77.0





#35
Caprolactam
Concen: 9.909 ng
RT: 8.633 min Scan# 1113
Delta R.T. -0.047 min
Lab File: BF126798.D
Acq: 03 Feb 2022 14:54

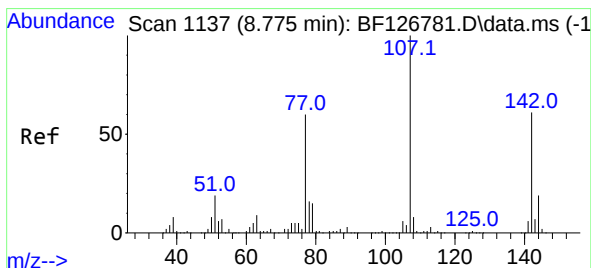
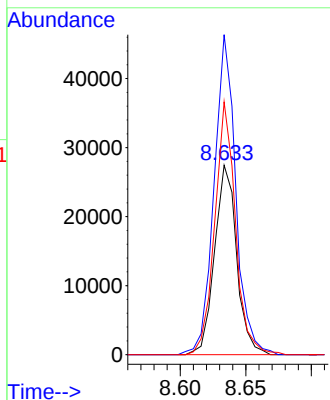
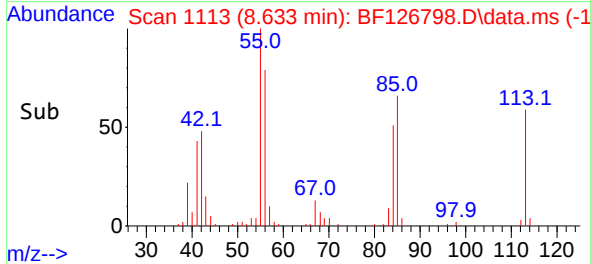
Instrument :
BNA_F
ClientSampleId :
LOQ-WATER-02-QT4-2021



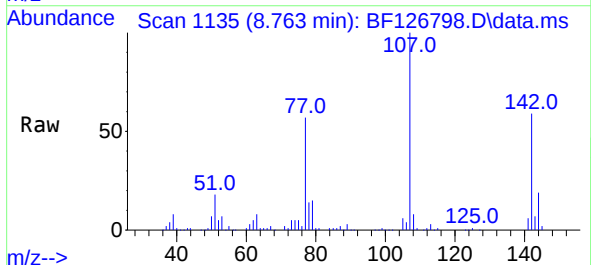
Tgt Ion:113 Resp: 3212
Ion Ratio Lower Upper
113 100
55 168.9 183.9 223.9
56 133.4 129.9 169.9

Manual Integrations
APPROVED

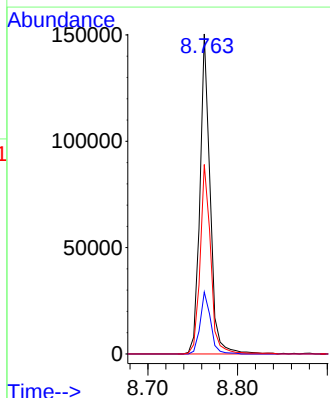
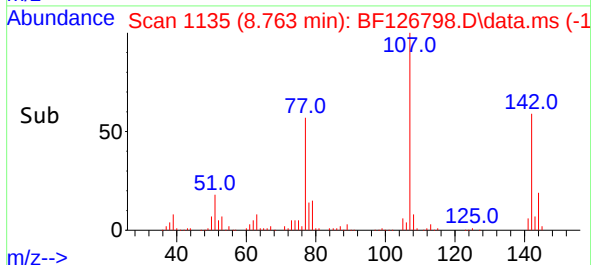
Reviewed By :Christian Giraldo 02/10/2022
Supervised By :mohammad ahmed 02/10/2022

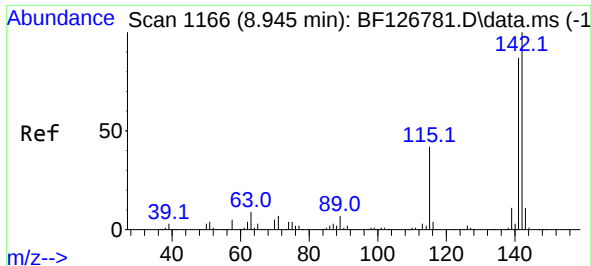


#36
4-Chloro-3-methylphenol
Concen: 10.465 ng
RT: 8.763 min Scan# 1135
Delta R.T. -0.012 min
Lab File: BF126798.D
Acq: 03 Feb 2022 14:54



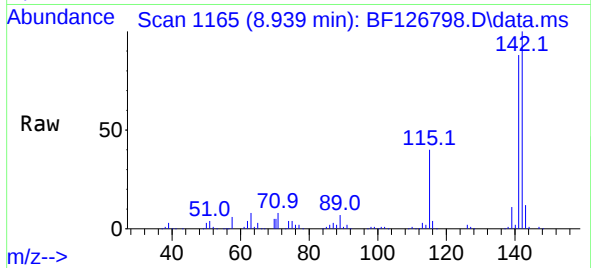
Tgt Ion:107 Resp: 118833
Ion Ratio Lower Upper
107 100
144 19.3 18.5 27.7
142 59.2 58.1 87.1





#37
2-Methylnaphthalene
Concen: 11.729 ng
RT: 8.939 min Scan# 1165
Delta R.T. -0.006 min
Lab File: BF126798.D
Acq: 03 Feb 2022 14:54

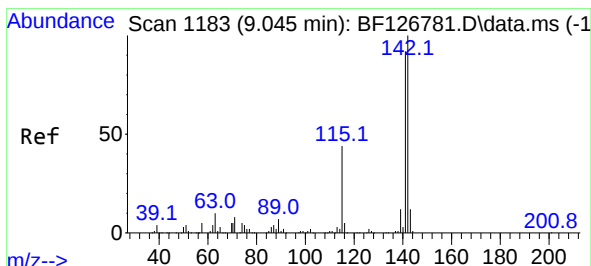
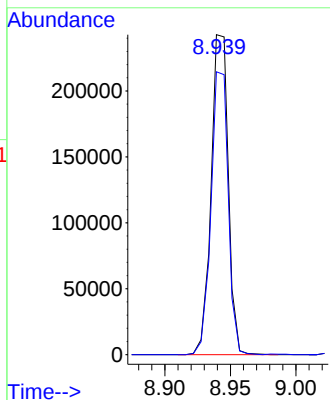
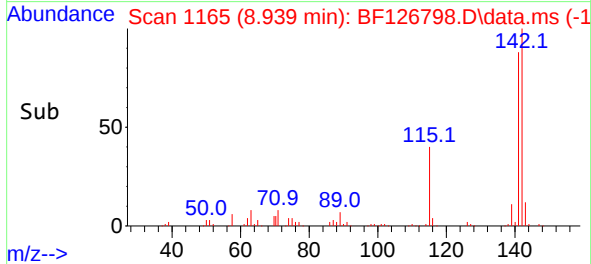
Instrument :
BNA_F
ClientSampleId :
LOQ-WATER-02-QT4-2021



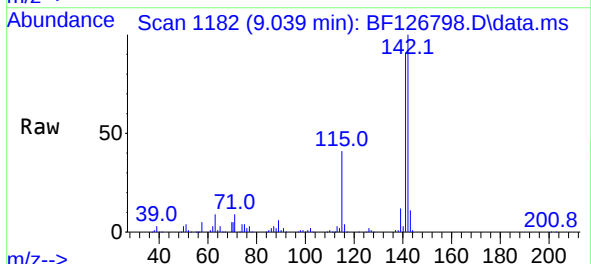
Tgt Ion:142 Resp: 221428
Ion Ratio Lower Upper
142 100
141 88.4 68.6 102.8

Manual Integrations
APPROVED

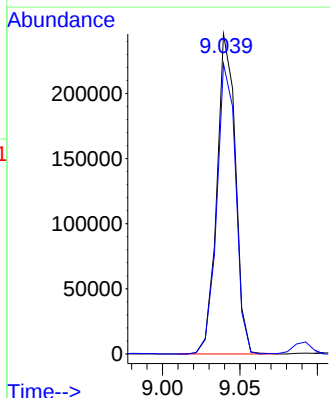
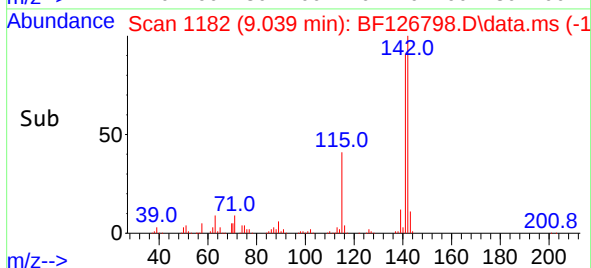
Reviewed By :Christian Giraldo 02/10/2022
Supervised By :mohammad ahmed 02/10/2022

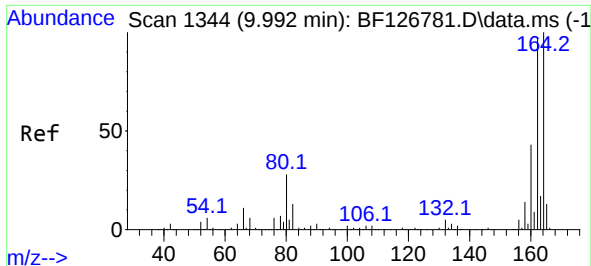


#38
1-Methylnaphthalene
Concen: 11.297 ng
RT: 9.039 min Scan# 1182
Delta R.T. -0.006 min
Lab File: BF126798.D
Acq: 03 Feb 2022 14:54



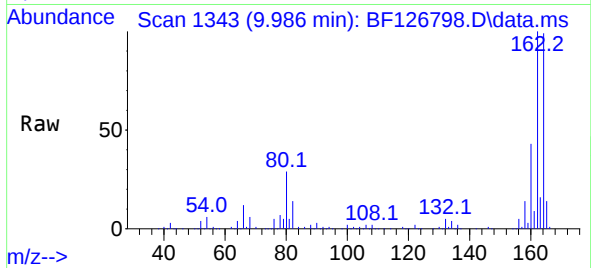
Tgt Ion:142 Resp: 205276
Ion Ratio Lower Upper
142 100
141 90.7 72.1 108.1





#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.986 min Scan# 1193
Delta R.T. -0.006 min
Lab File: BF126798.D
Acq: 03 Feb 2022 14:54

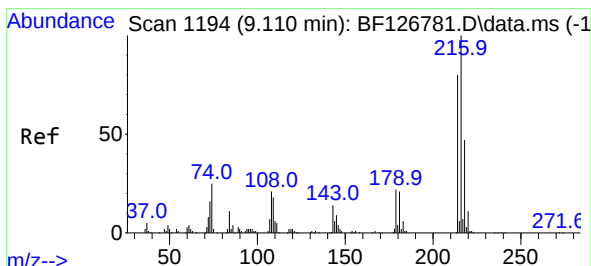
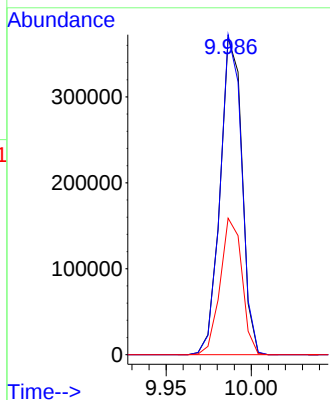
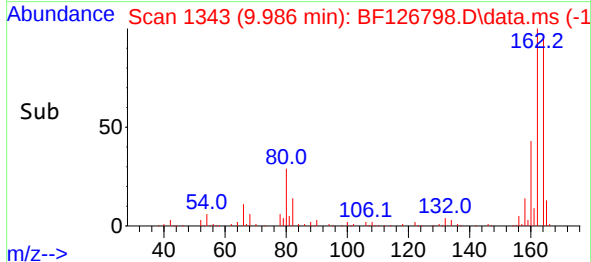
Instrument :
BNA_F
ClientSampleId :
LOQ-WATER-02-QT4-2021



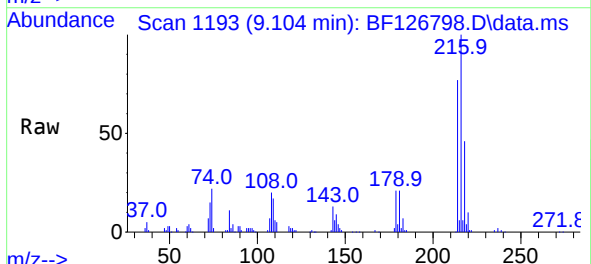
Tgt Ion:164 Resp: 32865
Ion Ratio Lower Upper
164 100
162 101.0 81.4 122.0
160 43.1 36.6 54.8

Manual Integrations
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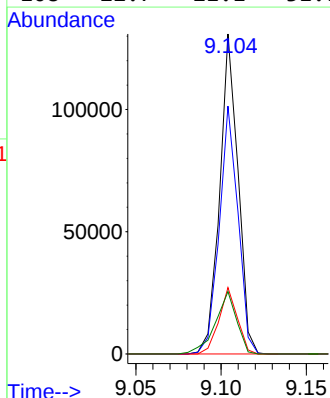
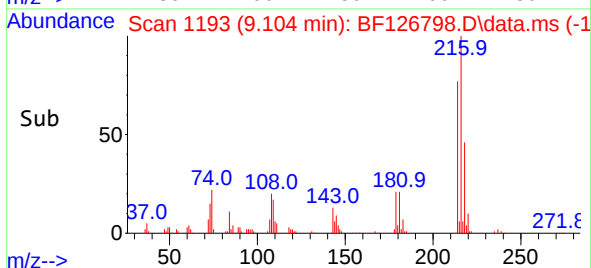
Reviewed By :Christian Giraldo 02/10/2022
Supervised By :mohammad ahmed 02/10/2022

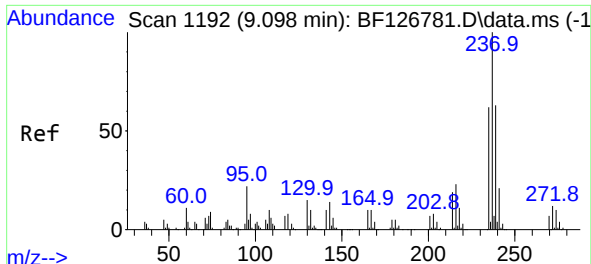


#40
1,2,4,5-Tetrachlorobenzene
Concen: 10.345 ng
RT: 9.104 min Scan# 1193
Delta R.T. -0.006 min
Lab File: BF126798.D
Acq: 03 Feb 2022 14:54



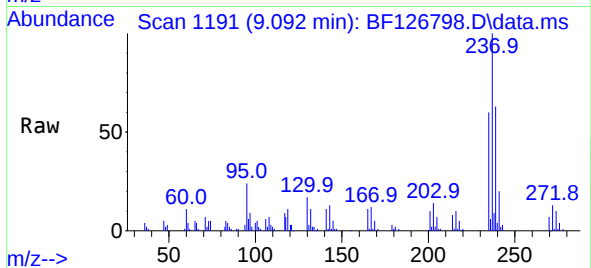
Tgt Ion:216 Resp: 97893
Ion Ratio Lower Upper
216 100
214 78.9 64.6 96.8
179 20.8 19.5 29.3
108 22.7 21.1 31.7





#41
Hexachlorocyclopentadiene
Concen: 11.385 ng
RT: 9.092 min Scan# 1192
Delta R.T. -0.006 min
Lab File: BF126798.D
Acq: 03 Feb 2022 14:54

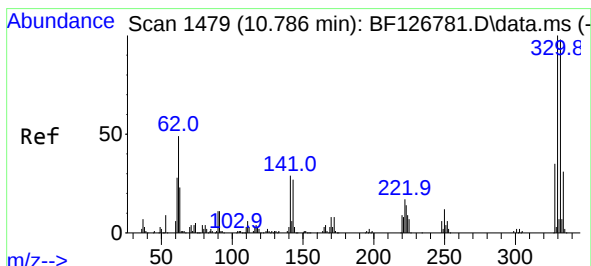
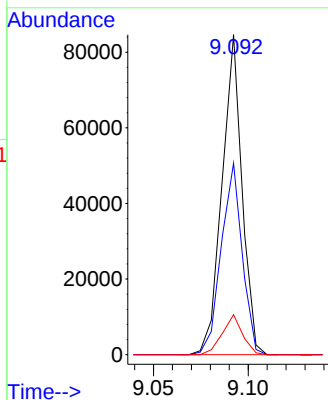
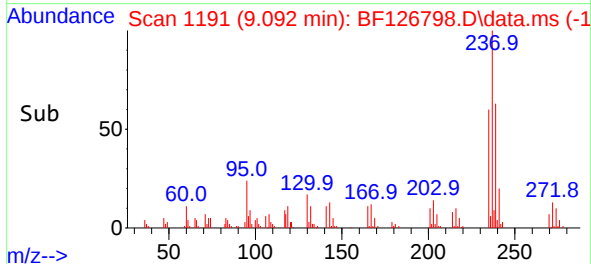
Instrument :
BNA_F
ClientSampleId :
LOQ-WATER-02-QT4-2021



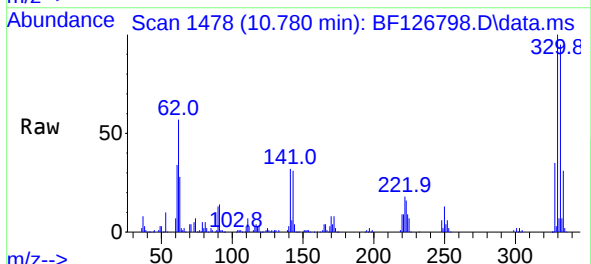
Tgt Ion:237 Resp: 62098
Ion Ratio Lower Upper
237 100
235 59.9 38.9 78.9
272 12.5 0.0 33.5

Manual Integrations
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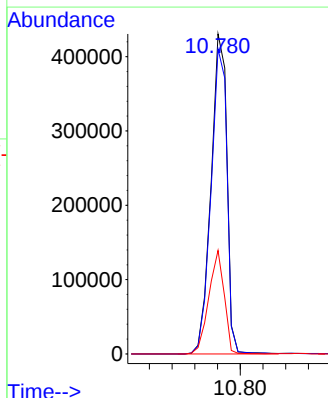
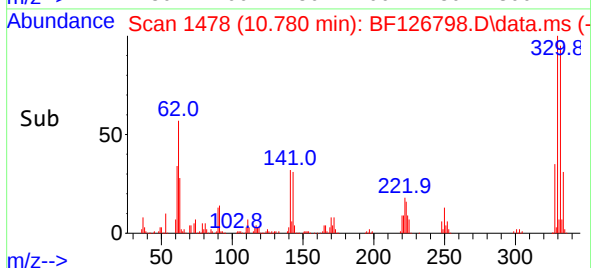
Reviewed By :Christian Giraldo 02/10/2022
Supervised By :mohammad ahmed 02/10/2022

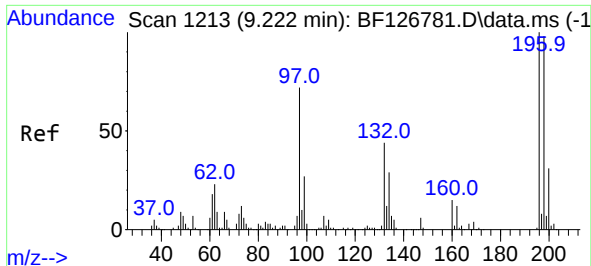


#42
2,4,6-Tribromophenol
Concen: 122.868 ng
RT: 10.780 min Scan# 1478
Delta R.T. -0.006 min
Lab File: BF126798.D
Acq: 03 Feb 2022 14:54



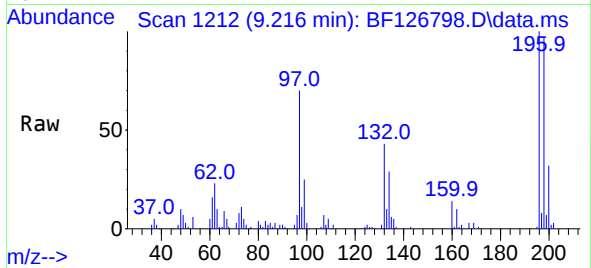
Tgt Ion:330 Resp: 419084
Ion Ratio Lower Upper
330 100
332 96.3 76.0 114.0
141 31.4 30.1 45.1





#43
2,4,6-Trichlorophenol
Concen: 9.865 ng
RT: 9.216 min Scan# 1212
Delta R.T. -0.006 min
Lab File: BF126798.D
Acq: 03 Feb 2022 14:54

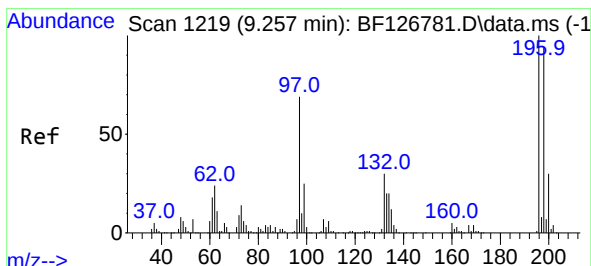
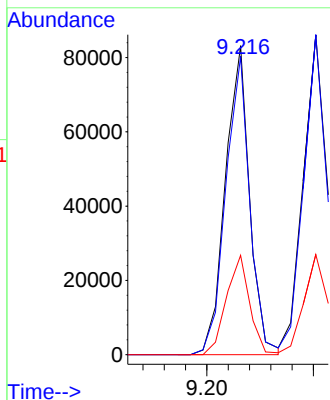
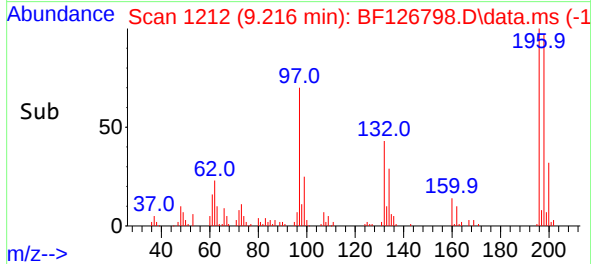
Instrument :
BNA_F
ClientSampleId :
LOQ-WATER-02-QT4-2021



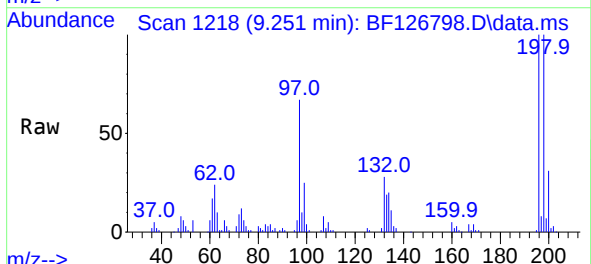
Tgt Ion:196 Resp: 65762
Ion Ratio Lower Upper
196 100
198 96.5 78.5 117.7
200 32.2 24.9 37.3

Manual Integrations
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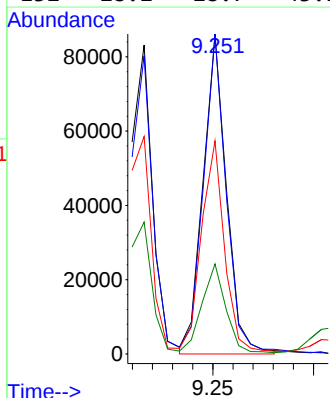
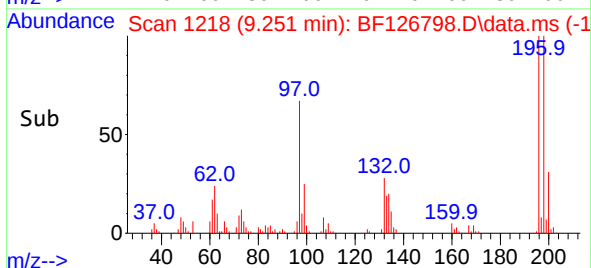
Reviewed By :Christian Giraldo 02/10/2022
Supervised By :mohammad ahmed 02/10/2022

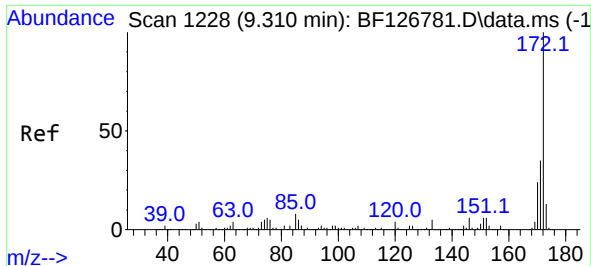


#44
2,4,5-Trichlorophenol
Concen: 10.020 ng m
RT: 9.251 min Scan# 1218
Delta R.T. -0.006 min
Lab File: BF126798.D
Acq: 03 Feb 2022 14:54



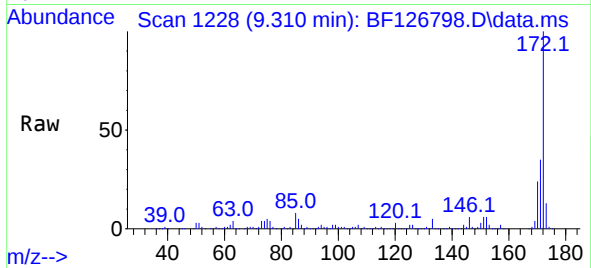
Tgt Ion:196 Resp: 69734
Ion Ratio Lower Upper
196 100
198 100.1 82.0 123.0
97 66.7 53.5 80.3
132 28.2 28.7 43.1#





#45
2-Fluorobiphenyl
Concen: 76.522 ng
RT: 9.310 min Scan# 1228
Delta R.T. -0.000 min
Lab File: BF126798.D
Acq: 03 Feb 2022 14:54

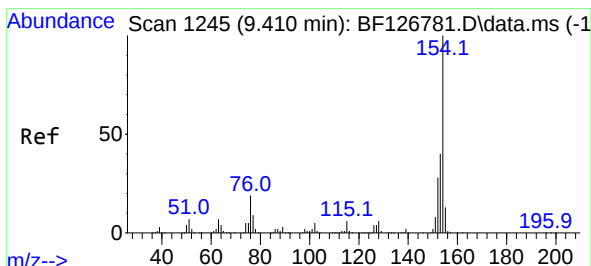
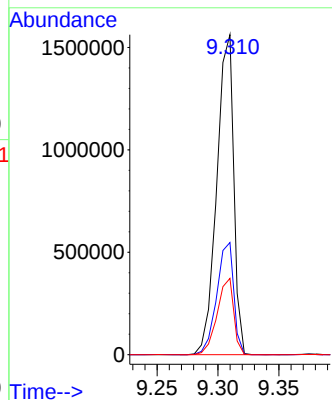
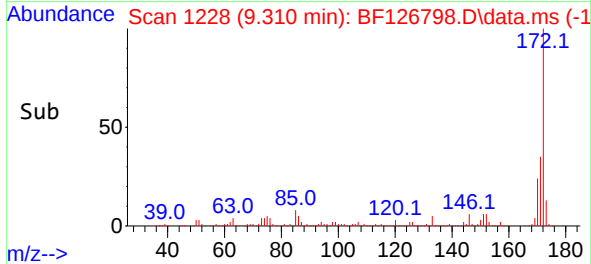
Instrument : BNA_F
ClientSampleId :
LOQ-WATER-02-QT4-2021



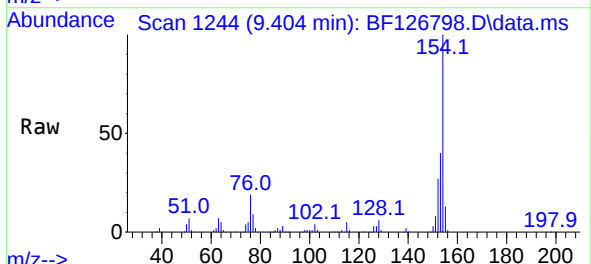
Tgt Ion:172 Resp: 1518820
Ion Ratio Lower Upper
172 100
171 35.0 28.3 42.5
170 23.9 19.0 28.6

Manual Integrations
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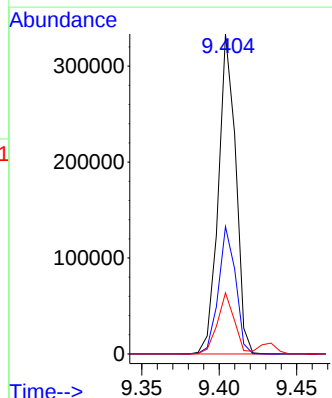
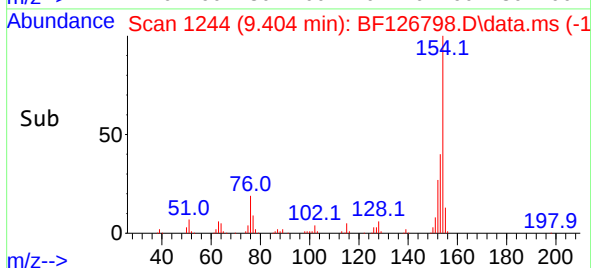
Reviewed By :Christian Giraldo 02/10/2022
Supervised By :mohammad ahmed 02/10/2022

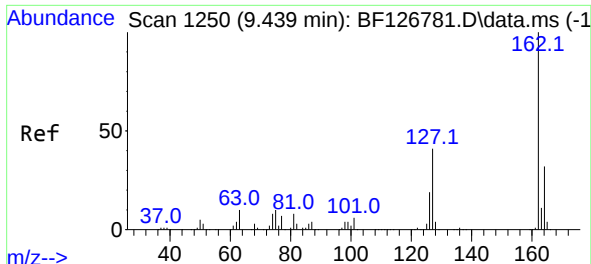


#46
1,1'-Biphenyl
Concen: 10.798 ng
RT: 9.404 min Scan# 1244
Delta R.T. -0.006 min
Lab File: BF126798.D
Acq: 03 Feb 2022 14:54



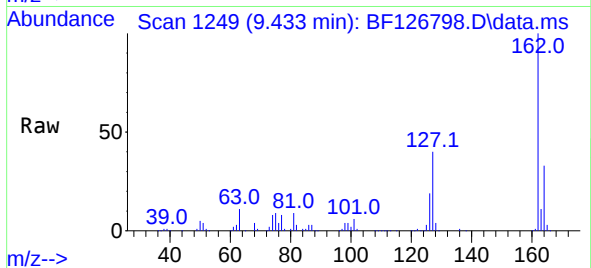
Tgt Ion:154 Resp: 259905
Ion Ratio Lower Upper
154 100
153 39.8 19.0 59.0
76 19.1 0.0 34.5





#47
2-Chloronaphthalene
Concen: 11.010 ng
RT: 9.433 min Scan# 1249
Delta R.T. -0.006 min
Lab File: BF126798.D
Acq: 03 Feb 2022 14:54

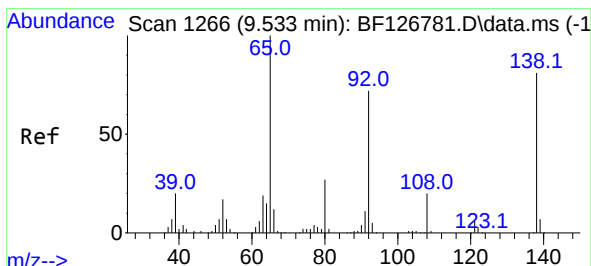
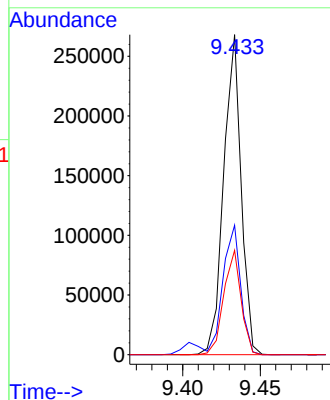
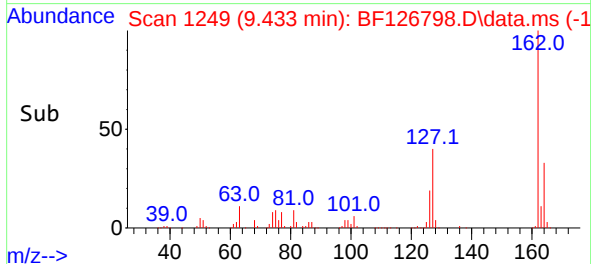
Instrument :
BNA_F
ClientSampleId :
LOQ-WATER-02-QT4-2021



Tgt Ion:162 Resp: 210070
Ion Ratio Lower Upper
162 100
127 40.5 33.5 50.3
164 32.6 26.2 39.4

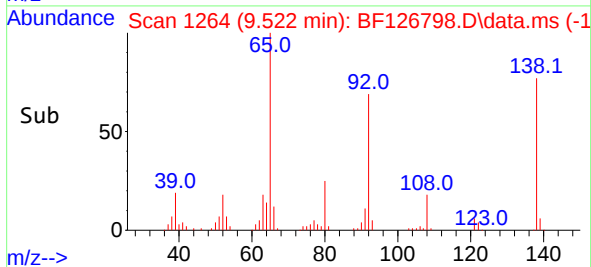
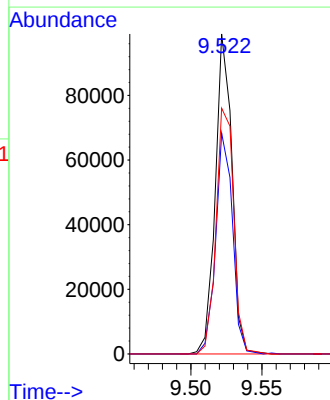
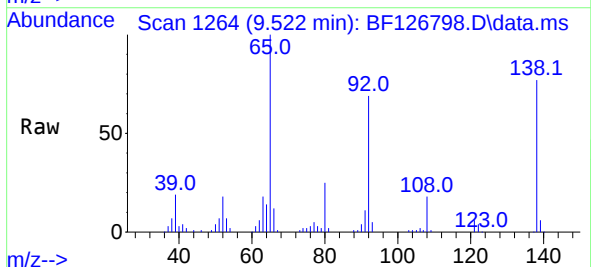
Manual Integrations
APPROVED

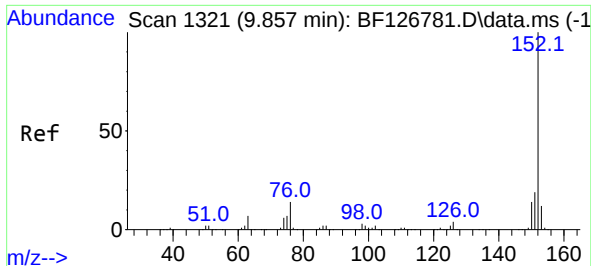
Reviewed By :Christian Giraldo 02/10/2022
Supervised By :mohammad ahmed 02/10/2022



#48
2-Nitroaniline
Concen: 10.391 ng
RT: 9.522 min Scan# 1264
Delta R.T. -0.012 min
Lab File: BF126798.D
Acq: 03 Feb 2022 14:54

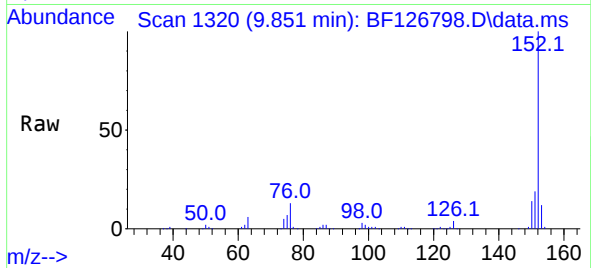
Tgt Ion: 65 Resp: 80839
Ion Ratio Lower Upper
65 100
92 69.0 54.4 81.6
138 76.8 72.5 108.7





#49
Acenaphthylene
Concen: 11.178 ng
RT: 9.851 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF126798.D
Acq: 03 Feb 2022 14:54

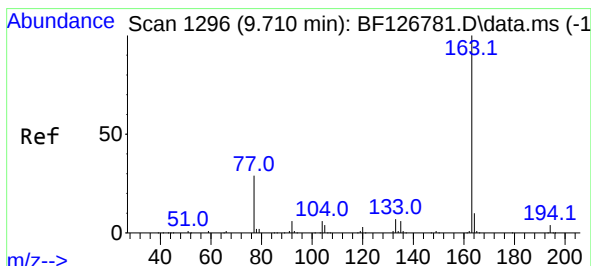
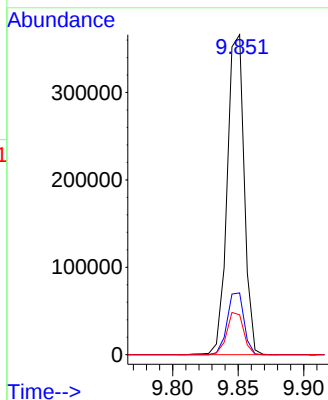
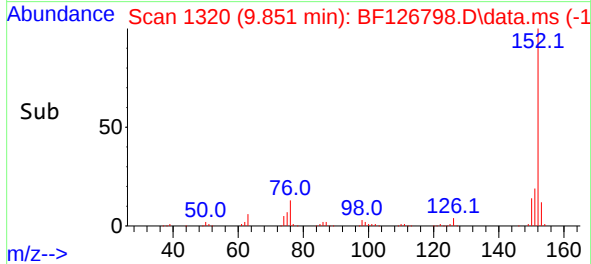
Instrument :
BNA_F
ClientSampleId :
LOQ-WATER-02-QT4-2021



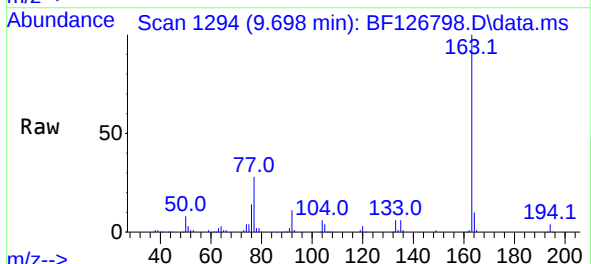
Tgt Ion:152 Resp: 329302
Ion Ratio Lower Upper
152 100
151 19.3 15.7 23.5
153 12.5 11.4 17.0

Manual Integrations
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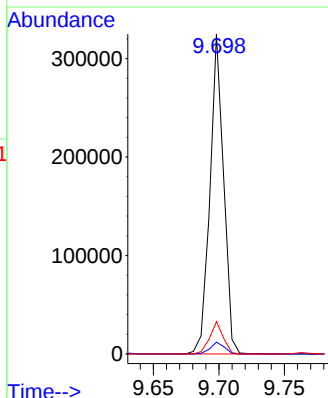
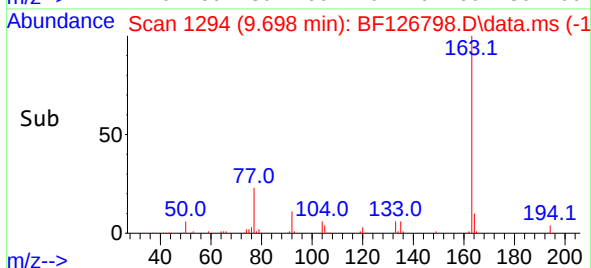
Reviewed By :Christian Giraldo 02/10/2022
Supervised By :mohammad ahmed 02/10/2022

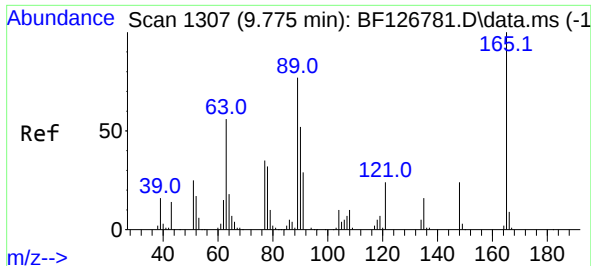


#50
Dimethylphthalate
Concen: 10.399 ng
RT: 9.698 min Scan# 1294
Delta R.T. -0.012 min
Lab File: BF126798.D
Acq: 03 Feb 2022 14:54



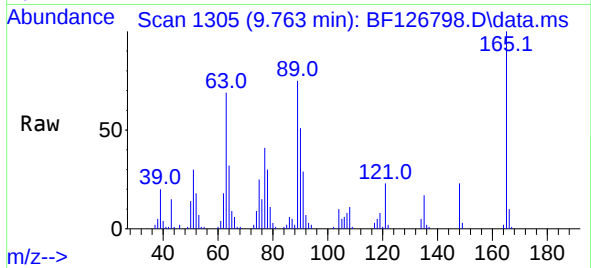
Tgt Ion:163 Resp: 236248
Ion Ratio Lower Upper
163 100
194 3.7 2.6 3.8
164 10.1 7.8 11.8





#51
2,6-Dinitrotoluene
Concen: 10.886 ng
RT: 9.763 min Scan# 1305
Delta R.T. -0.012 min
Lab File: BF126798.D
Acq: 03 Feb 2022 14:54

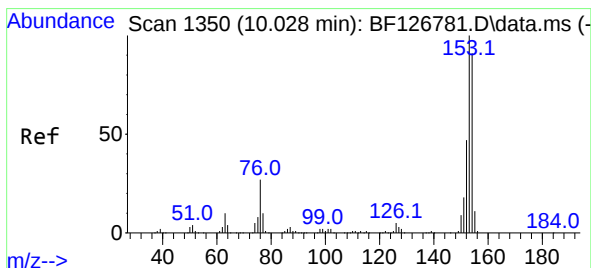
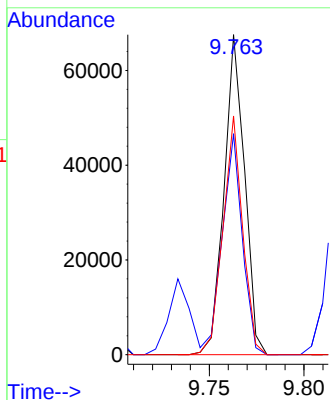
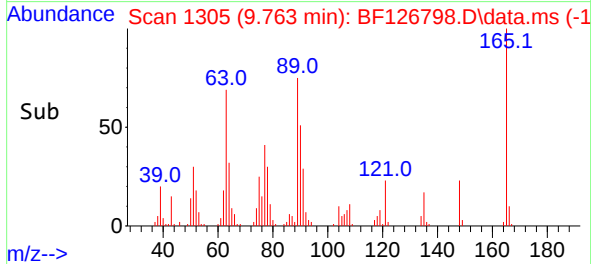
Instrument :
BNA_F
ClientSampleId :
LOQ-WATER-02-QT4-2021



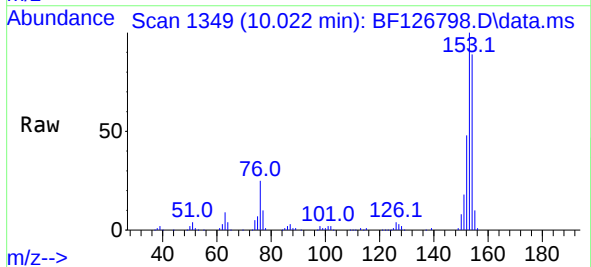
Tgt Ion:165 Resp: 50798
Ion Ratio Lower Upper
165 100
63 69.0 48.4 72.6
89 74.6 50.5 75.7

Manual Integrations
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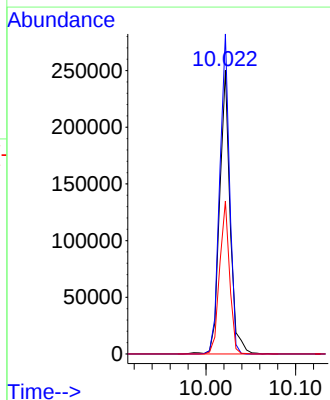
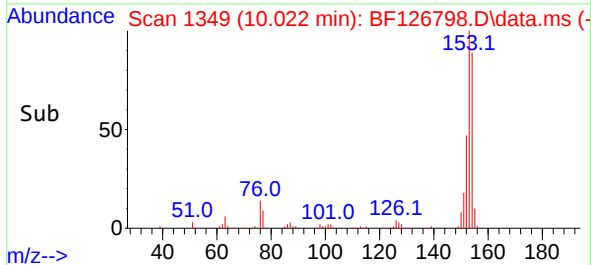
Reviewed By :Christian Giraldo 02/10/2022
Supervised By :mohammad ahmed 02/10/2022

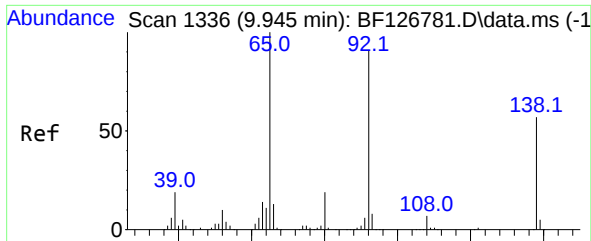


#52
Acenaphthene
Concen: 10.769 ng
RT: 10.022 min Scan# 1349
Delta R.T. -0.006 min
Lab File: BF126798.D
Acq: 03 Feb 2022 14:54



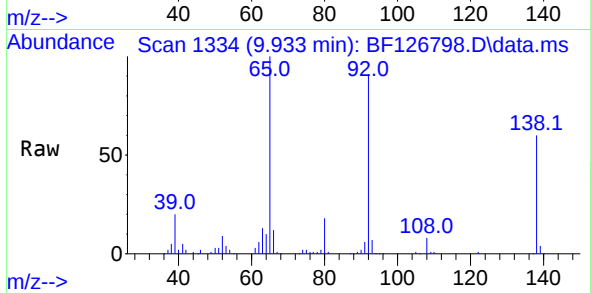
Tgt Ion:154 Resp: 202275
Ion Ratio Lower Upper
154 100
153 112.9 87.8 131.6
152 53.9 39.4 59.2





#53
3-Nitroaniline
Concen: 10.602 ng
RT: 9.933 min Scan# 11
Delta R.T. -0.012 min
Lab File: BF126798.D
Acq: 03 Feb 2022 14:54

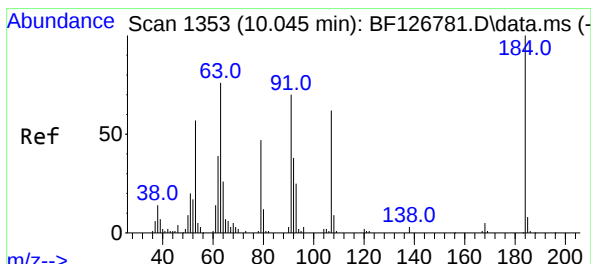
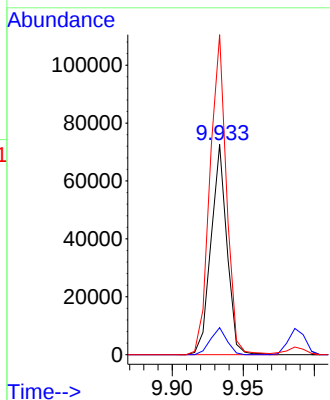
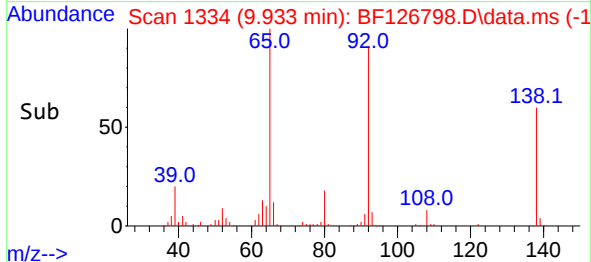
Instrument :
BNA_F
ClientSampleId :
LOQ-WATER-02-QT4-2021



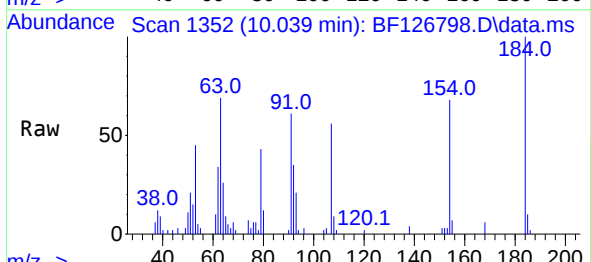
Tgt Ion:138 Resp: 5637
Ion Ratio Lower Upper
138 100
108 12.9 8.6 13.0
92 152.2 105.0 157.6

Manual Integrations
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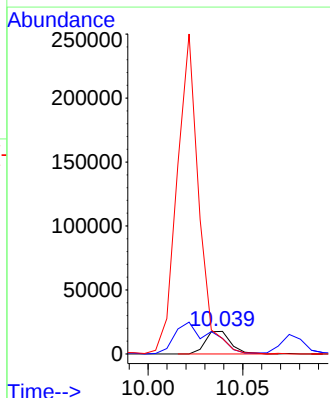
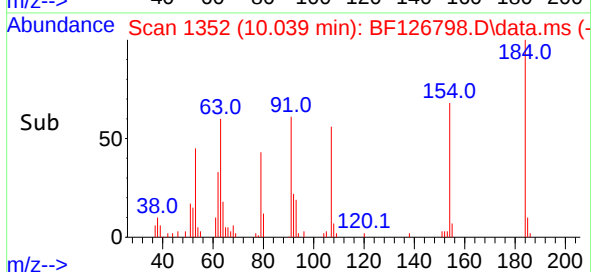
Reviewed By :Christian Giraldo 02/10/2022
Supervised By :mohammad ahmed 02/10/2022

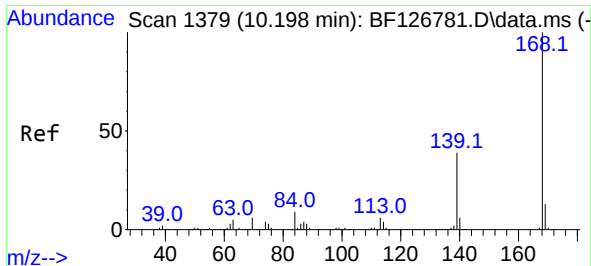


#54
2,4-Dinitrophenol
Concen: 6.734 ng
RT: 10.039 min Scan# 1352
Delta R.T. -0.006 min
Lab File: BF126798.D
Acq: 03 Feb 2022 14:54



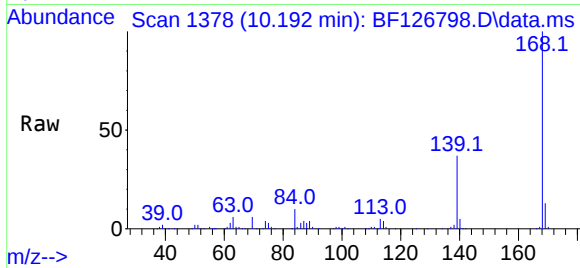
Tgt Ion:184 Resp: 16553
Ion Ratio Lower Upper
184 100
63 68.8 70.4 105.6#
154 68.2 49.7 74.5





#55
Dibenzenofuran
Concen: 10.548 ng
RT: 10.192 min Scan# 1379
Delta R.T. -0.006 min
Lab File: BF126798.D
Acq: 03 Feb 2022 14:54

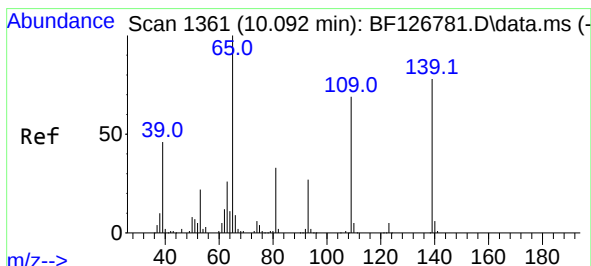
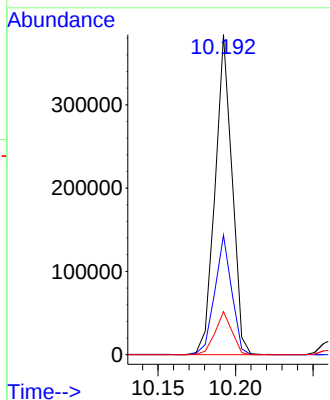
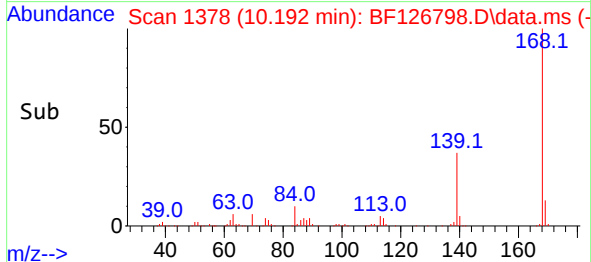
Instrument :
BNA_F
ClientSampleId :
LOQ-WATER-02-QT4-2021



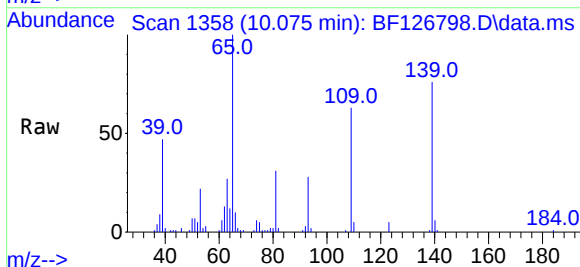
Tgt Ion:168 Resp: 29244
Ion Ratio Lower Upper
168 100
139 37.4 30.6 46.0
169 13.5 10.0 15.0

Manual Integrations
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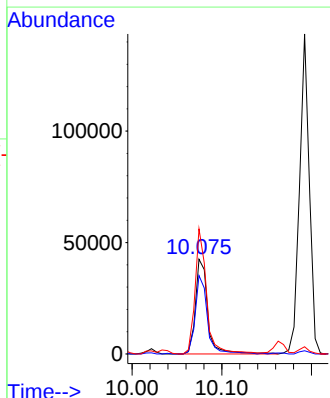
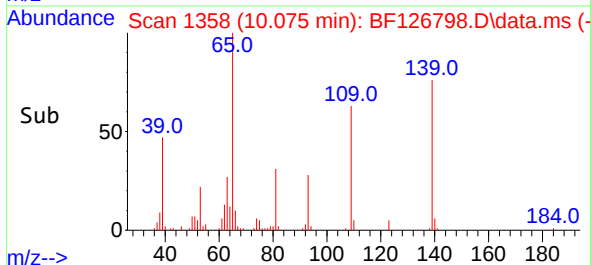
Reviewed By :Christian Giraldo 02/10/2022
Supervised By :mohammad ahmed 02/10/2022

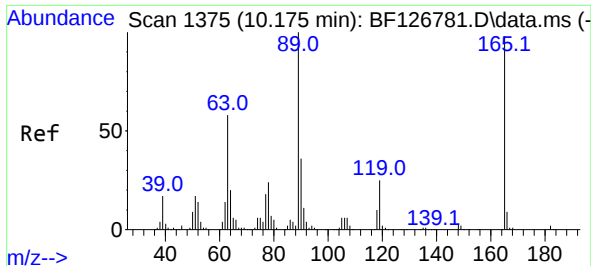


#56
4-Nitrophenol
Concen: 10.023 ng
RT: 10.075 min Scan# 1358
Delta R.T. -0.018 min
Lab File: BF126798.D
Acq: 03 Feb 2022 14:54



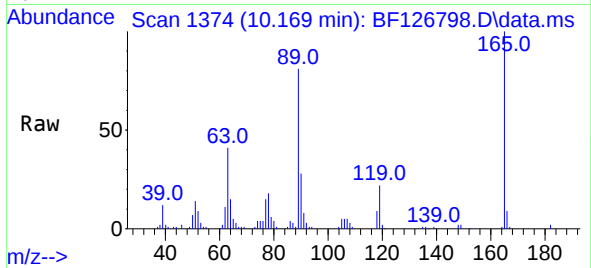
Tgt Ion:139 Resp: 40364
Ion Ratio Lower Upper
139 100
109 82.8 44.1 84.1
65 132.1 85.5 125.5#





#57
2,4-Dinitrotoluene
Concen: 10.744 ng
RT: 10.169 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF126798.D
Acq: 03 Feb 2022 14:54

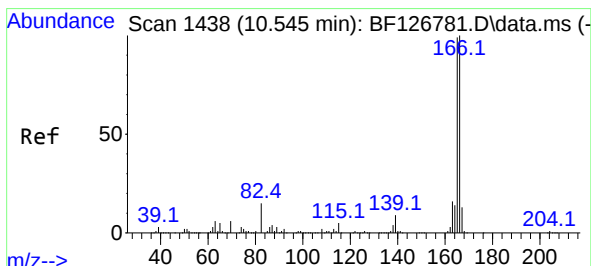
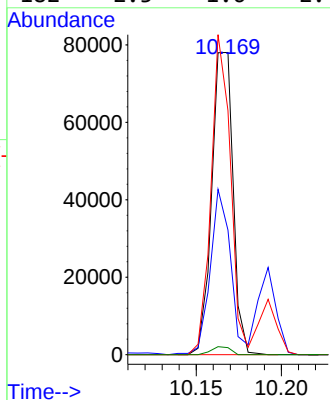
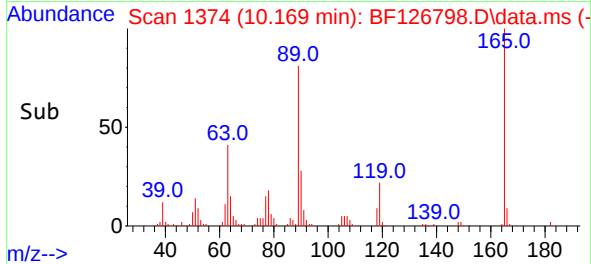
Instrument :
BNA_F
ClientSampleId :
LOQ-WATER-02-QT4-2021



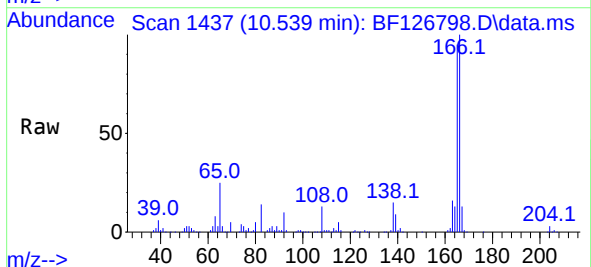
Tgt Ion:165 Resp: 67950
Ion Ratio Lower Upper
165 100
63 41.2 43.0 64.6
89 80.8 71.0 106.4
182 2.3 1.6 2.4

Manual Integrations
APPROVED

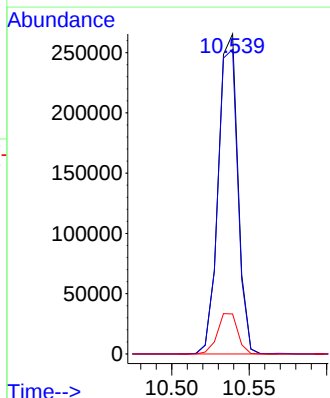
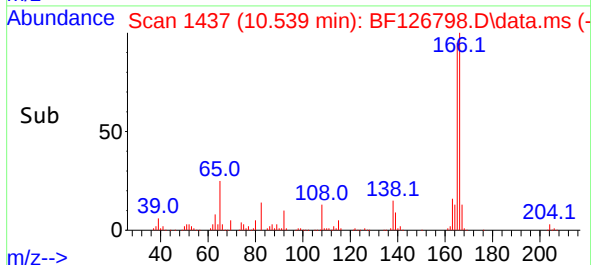
Reviewed By :Christian Giraldo 02/10/2022
Supervised By :mohammad ahmed 02/10/2022

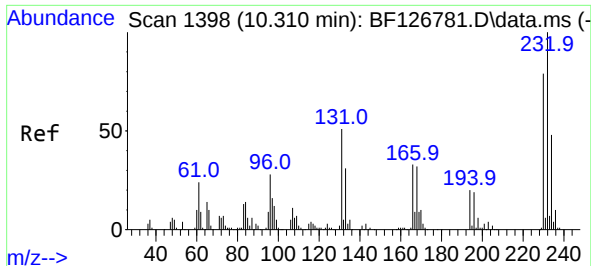


#58
Fluorene
Concen: 11.383 ng
RT: 10.539 min Scan# 1437
Delta R.T. -0.006 min
Lab File: BF126798.D
Acq: 03 Feb 2022 14:54



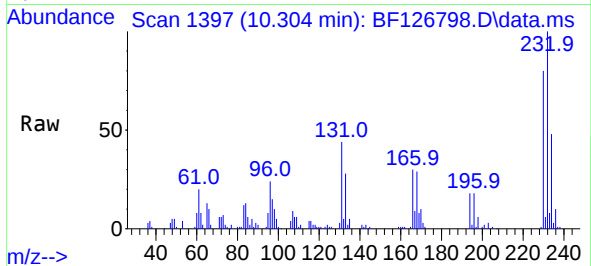
Tgt Ion:166 Resp: 233503
Ion Ratio Lower Upper
166 100
165 95.2 77.7 116.5
167 12.5 10.7 16.1





#59
2,3,4,6-Tetrachlorophenol
Concen: 9.818 ng
RT: 10.304 min Scan# 1398
Delta R.T. -0.006 min
Lab File: BF126798.D
Acq: 03 Feb 2022 14:54

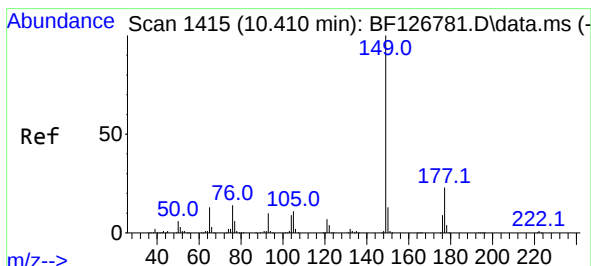
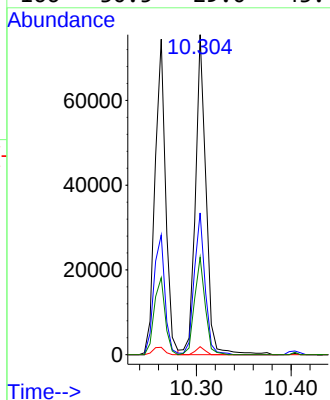
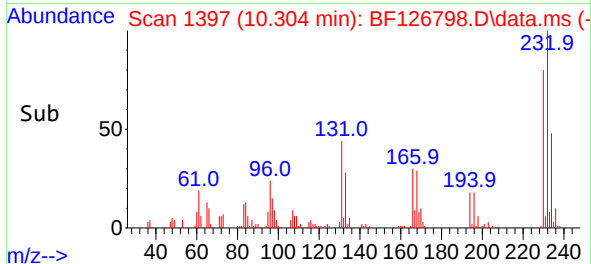
Instrument :
BNA_F
ClientSampleId :
LOQ-WATER-02-QT4-2021



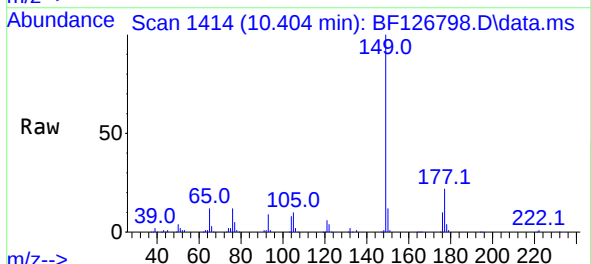
Tgt Ion:232 Resp: 5914
Ion Ratio Lower Upper
232 100
131 44.7 50.0 75.0
130 2.1 2.2 3.2
166 30.5 29.0 43.4

Manual Integrations
APPROVED

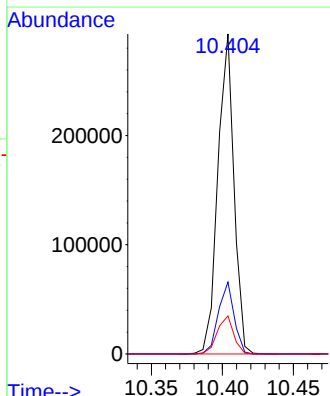
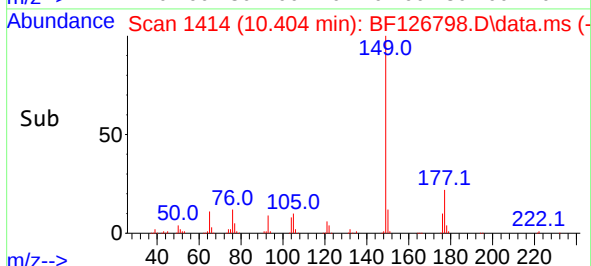
Reviewed By :Christian Giraldo 02/10/2022
Supervised By :mohammad ahmed 02/10/2022

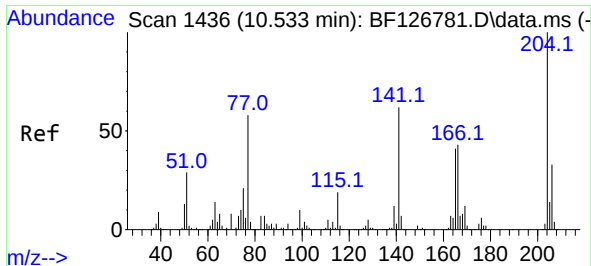


#60
Diethylphthalate
Concen: 10.327 ng
RT: 10.404 min Scan# 1414
Delta R.T. -0.006 min
Lab File: BF126798.D
Acq: 03 Feb 2022 14:54



Tgt Ion:149 Resp: 230511
Ion Ratio Lower Upper
149 100
177 22.4 16.7 25.1
150 11.9 9.8 14.8





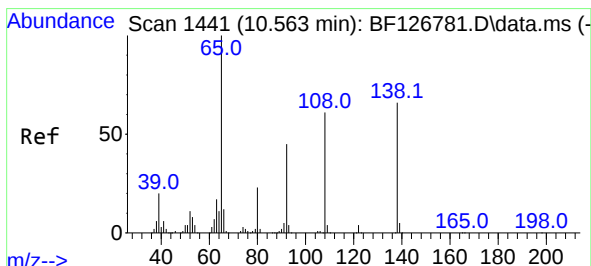
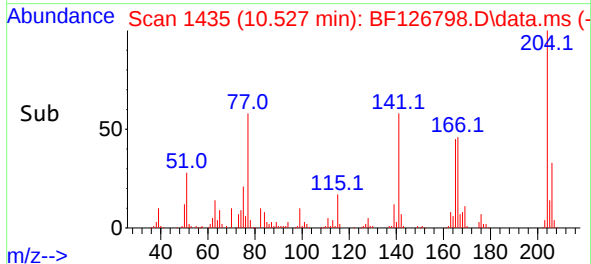
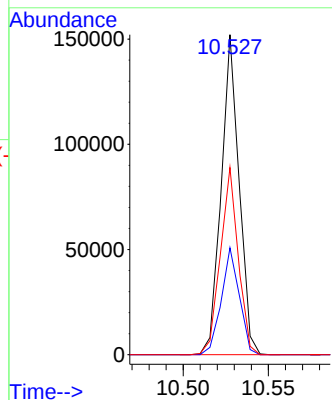
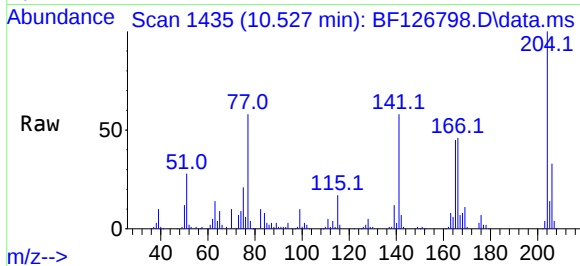
#61
4-Chlorophenyl-phenylether
Concen: 10.710 ng
RT: 10.527 min Scan# 1435
Delta R.T. -0.006 min
Lab File: BF126798.D
Acq: 03 Feb 2022 14:54

Instrument :
BNA_F
ClientSampleId :
LOQ-WATER-02-QT4-2021

Tgt Ion:204 Resp: 11112
Ion Ratio Lower Upper
204 100
206 33.4 26.3 39.5
141 58.5 59.0 88.6

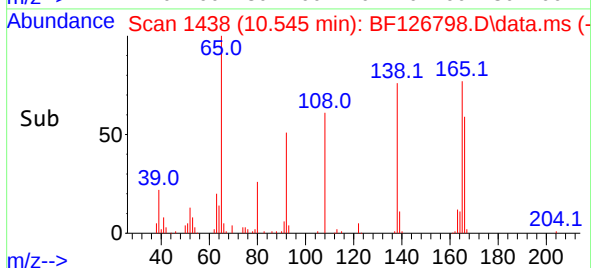
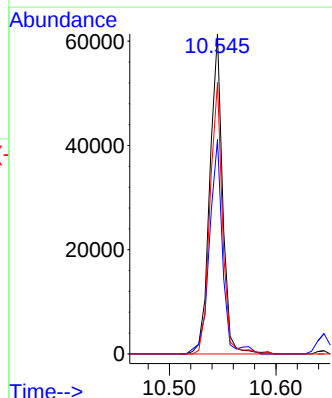
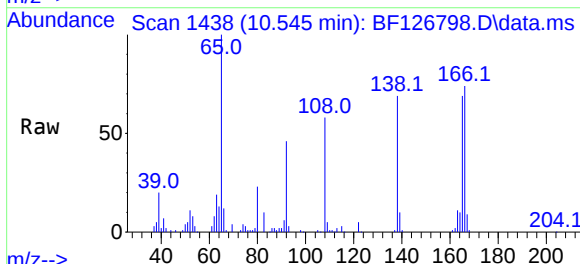
Manual Integrations
APPROVED

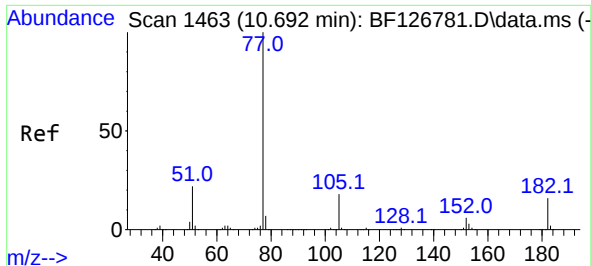
Reviewed By :Christian Giraldo 02/10/2022
Supervised By :mohammad ahmed 02/10/2022



#62
4-Nitroaniline
Concen: 10.152 ng
RT: 10.545 min Scan# 1438
Delta R.T. -0.018 min
Lab File: BF126798.D
Acq: 03 Feb 2022 14:54

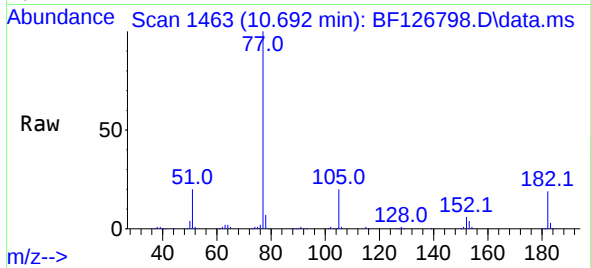
Tgt Ion:138 Resp: 51227
Ion Ratio Lower Upper
138 100
92 67.0 36.2 76.2
108 84.8 46.7 86.7





#63
Azobenzene
Concen: 10.901 ng
RT: 10.692 min Scan# 1463
Delta R.T. -0.000 min
Lab File: BF126798.D
Acq: 03 Feb 2022 14:54

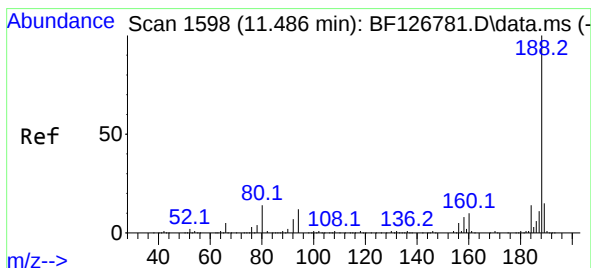
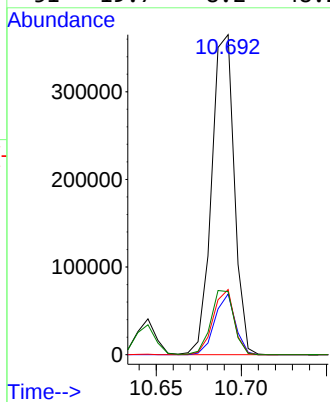
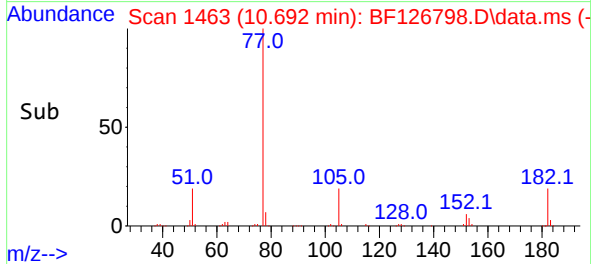
Instrument :
BNA_F
ClientSampleId :
LOQ-WATER-02-QT4-2021



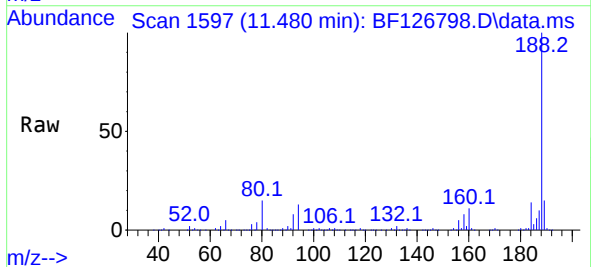
Tgt Ion: 77 Resp: 337600
Ion Ratio Lower Upper
77 100
182 19.0 0.0 39.0
105 20.3 3.2 43.2
51 19.7 8.2 48.2

Manual Integrations
APPROVED

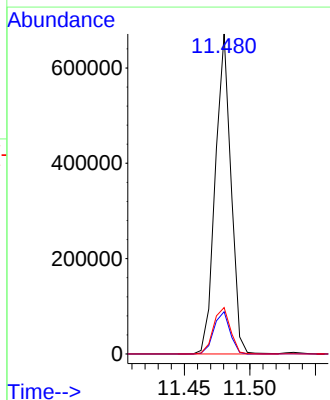
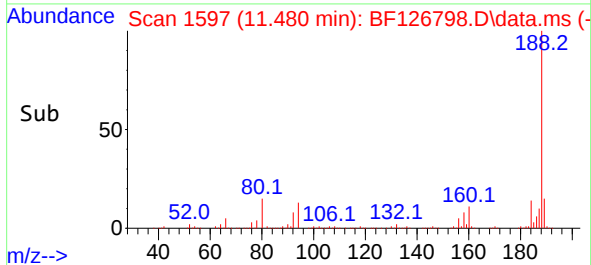
Reviewed By :Christian Giraldo 02/10/2022
Supervised By :mohammad ahmed 02/10/2022

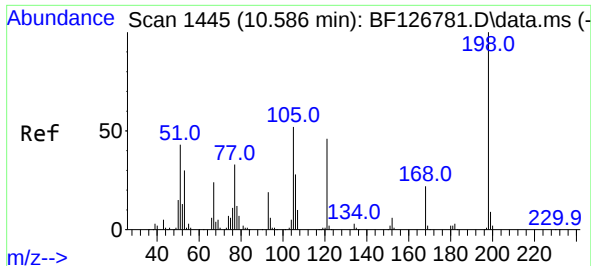


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.480 min Scan# 1597
Delta R.T. -0.006 min
Lab File: BF126798.D
Acq: 03 Feb 2022 14:54



Tgt Ion:188 Resp: 555747
Ion Ratio Lower Upper
188 100
94 13.2 10.1 15.1
80 14.5 11.8 17.6





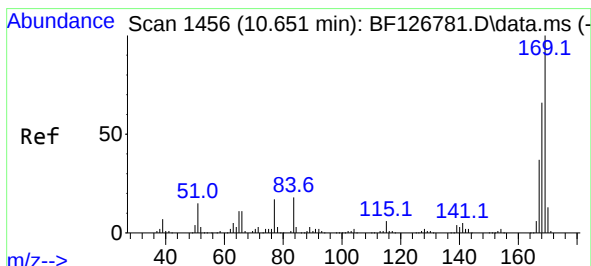
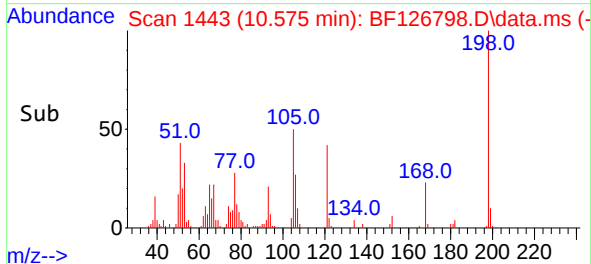
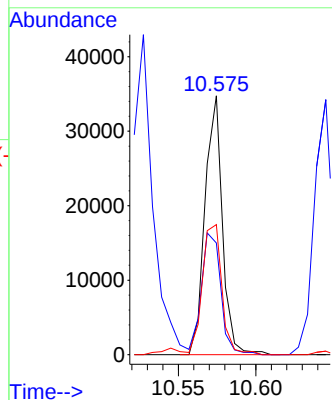
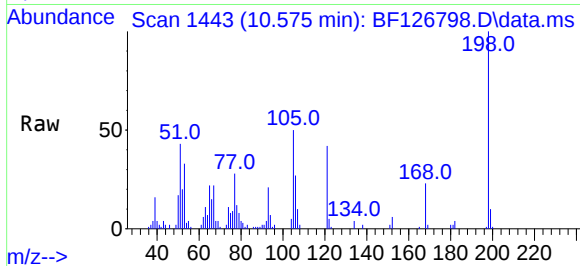
#65
4,6-Dinitro-2-methylphenol
Concen: 8.070 ng
RT: 10.575 min Scan# 1445
Delta R.T. -0.012 min
Lab File: BF126798.D
Acq: 03 Feb 2022 14:54

Instrument :
BNA_F
ClientSampleId :
LOQ-WATER-02-QT4-2021

Tgt Ion:198 Resp: 2720
Ion Ratio Lower Upper
198 100
51 43.1 32.0 72.0
105 50.2 32.7 72.7

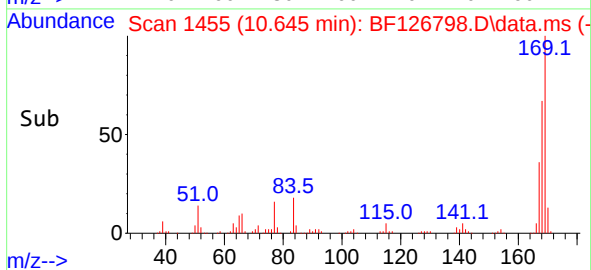
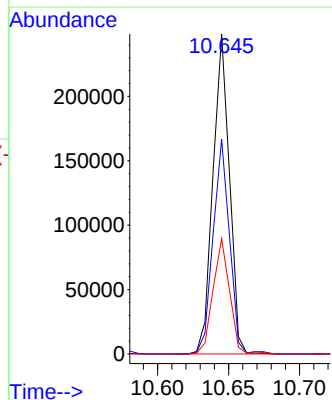
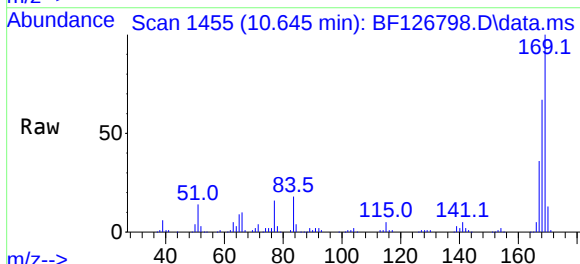
Manual Integrations
APPROVED

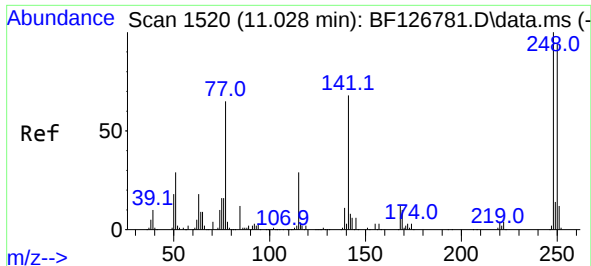
Reviewed By :Christian Giraldo 02/10/2022
Supervised By :mohammad ahmed 02/10/2022



#66
n-Nitrosodiphenylamine
Concen: 11.183 ng
RT: 10.645 min Scan# 1455
Delta R.T. -0.006 min
Lab File: BF126798.D
Acq: 03 Feb 2022 14:54

Tgt Ion:169 Resp: 199854
Ion Ratio Lower Upper
169 100
168 67.1 53.4 80.0
167 36.1 29.4 44.0





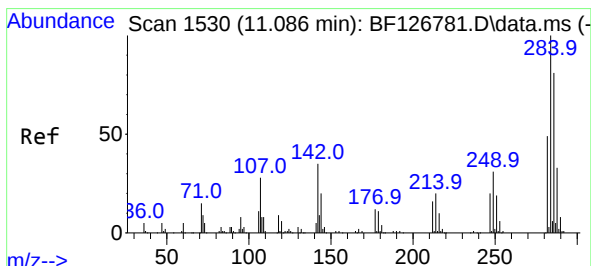
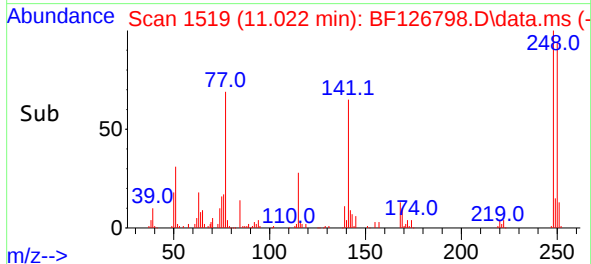
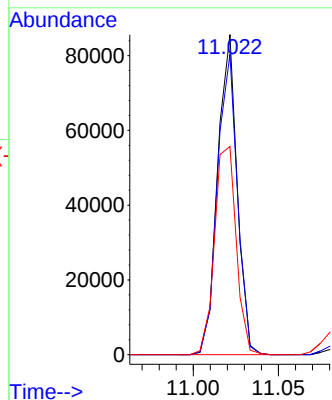
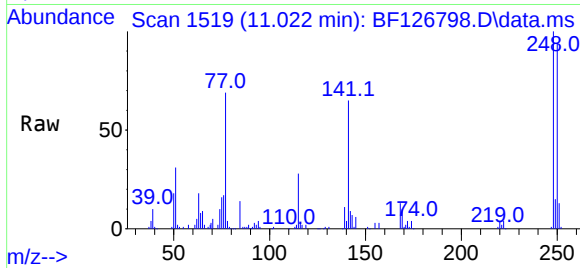
#67
4-Bromophenyl-phenylether
Concen: 10.727 ng
RT: 11.022 min Scan# 1520
Delta R.T. -0.006 min
Lab File: BF126798.D
Acq: 03 Feb 2022 14:54

Instrument :
BNA_F
ClientSampleId :
LOQ-WATER-02-QT4-2021

Tgt Ion:248 Resp: 6823
Ion Ratio Lower Upper
248 100
250 93.9 76.2 114.4
141 65.1 66.2 99.4

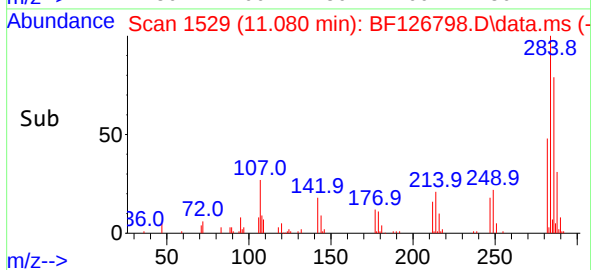
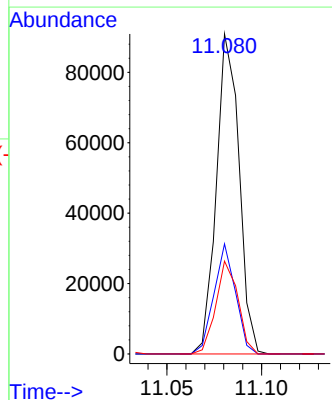
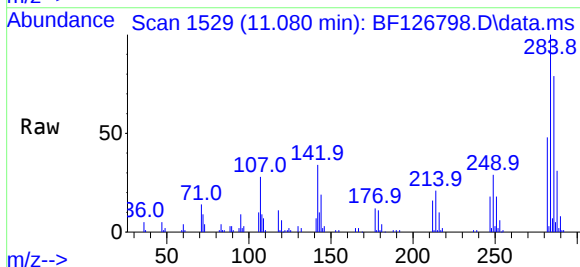
Manual Integrations
APPROVED

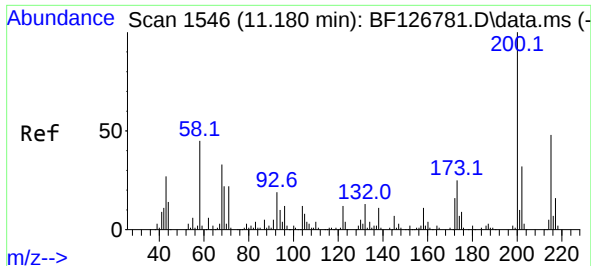
Reviewed By :Christian Giraldo 02/10/2022
Supervised By :mohammad ahmed 02/10/2022



#68
Hexachlorobenzene
Concen: 10.892 ng
RT: 11.080 min Scan# 1529
Delta R.T. -0.006 min
Lab File: BF126798.D
Acq: 03 Feb 2022 14:54

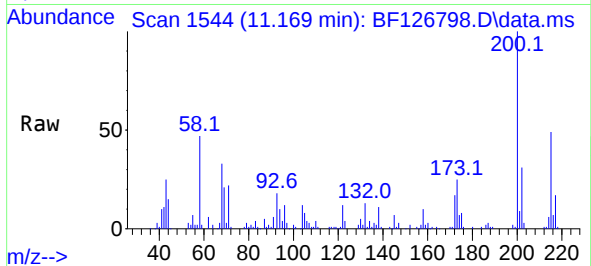
Tgt Ion:284 Resp: 75812
Ion Ratio Lower Upper
284 100
142 34.4 30.7 46.1
249 29.0 21.1 31.7





#69
Atrazine
Concen: 10.896 ng
RT: 11.169 min Scan# 1154
Delta R.T. -0.012 min
Lab File: BF126798.D
Acq: 03 Feb 2022 14:54

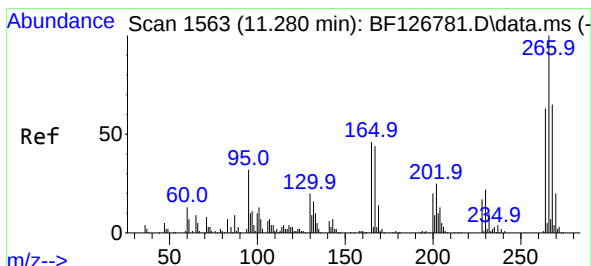
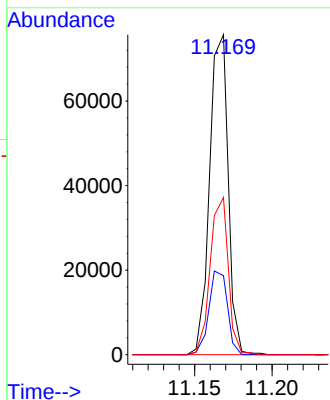
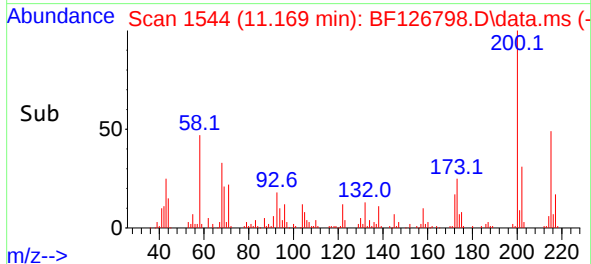
Instrument :
BNA_F
ClientSampleId :
LOQ-WATER-02-QT4-2021



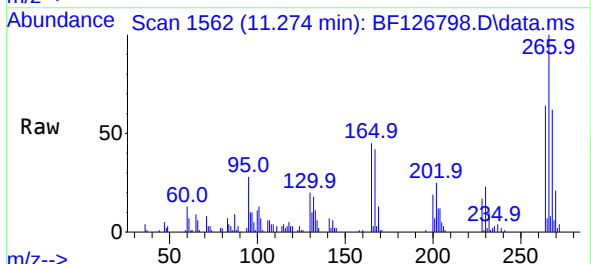
Tgt Ion:200 Resp: 6318
Ion Ratio Lower Upper
200 100
173 24.7 9.2 49.2
215 49.1 23.2 63.2

Manual Integrations
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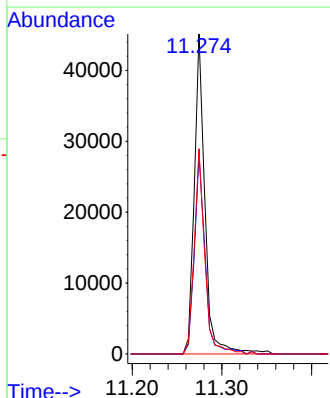
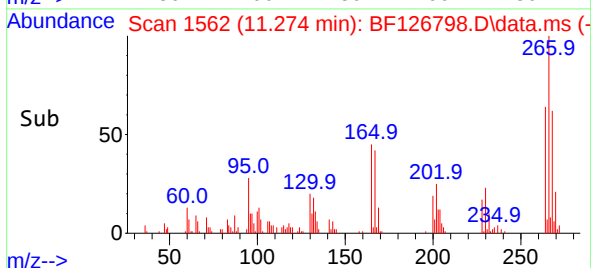
Reviewed By :Christian Giraldo 02/10/2022
Supervised By :mohammad ahmed 02/10/2022

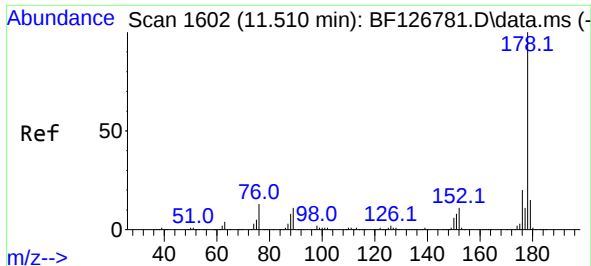


#70
Pentachlorophenol
Concen: 9.184 ng
RT: 11.274 min Scan# 1562
Delta R.T. -0.006 min
Lab File: BF126798.D
Acq: 03 Feb 2022 14:54



Tgt Ion:266 Resp: 37294
Ion Ratio Lower Upper
266 100
268 62.3 52.3 78.5
264 64.2 50.4 75.6





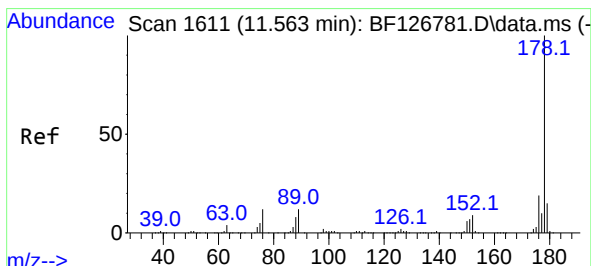
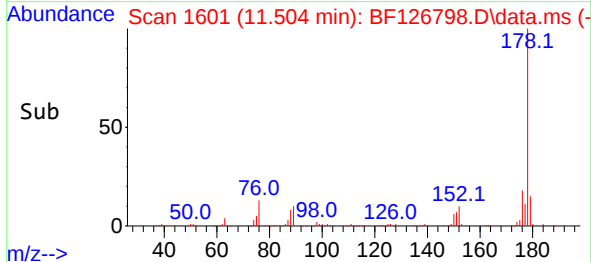
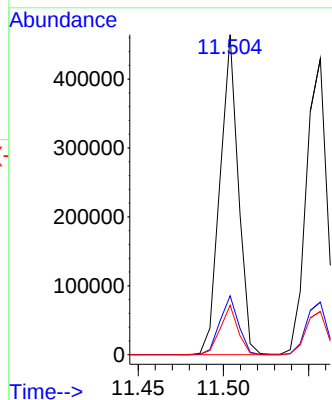
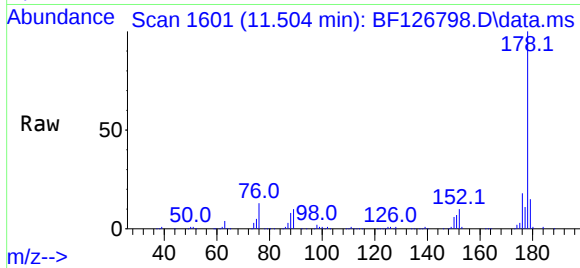
#71
Phenanthrene
Concen: 11.280 ng
RT: 11.504 min Scan# 1610
Delta R.T. -0.006 min
Lab File: BF126798.D
Acq: 03 Feb 2022 14:54

Instrument :
BNA_F
ClientSampleId :
LOQ-WATER-02-QT4-2021

Tgt Ion:178 Resp: 347198
Ion Ratio Lower Upper
178 100
176 18.4 15.7 23.5
179 15.4 12.3 18.5

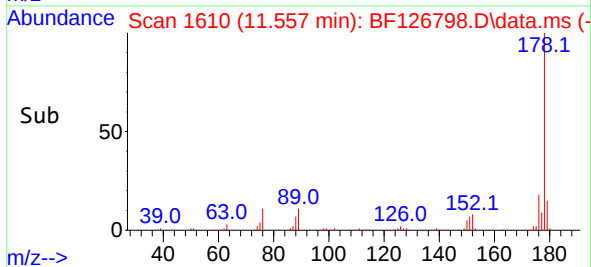
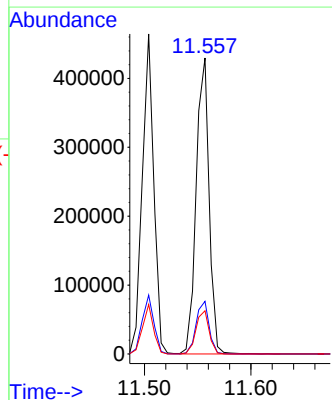
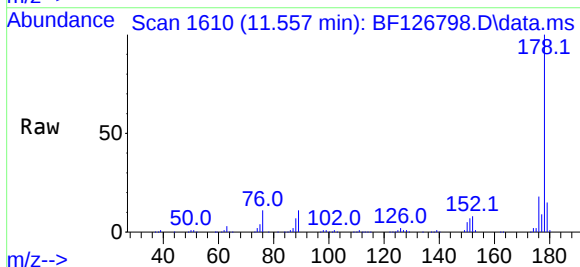
Manual Integrations
APPROVED

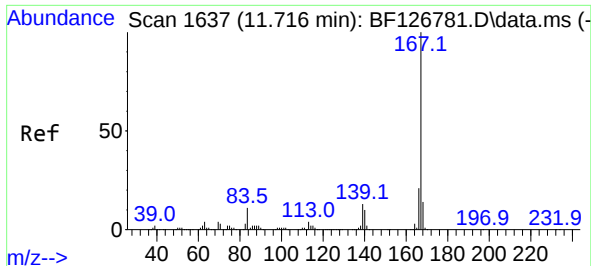
Reviewed By :Christian Giraldo 02/10/2022
Supervised By :mohammad ahmed 02/10/2022



#72
Anthracene
Concen: 11.769 ng
RT: 11.557 min Scan# 1610
Delta R.T. -0.006 min
Lab File: BF126798.D
Acq: 03 Feb 2022 14:54

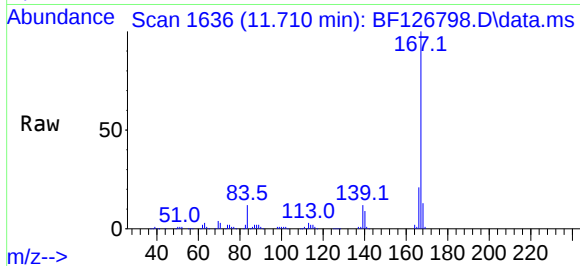
Tgt Ion:178 Resp: 362806
Ion Ratio Lower Upper
178 100
176 17.8 15.0 22.6
179 14.6 12.5 18.7





#73
 Carbazole
 Concen: 10.388 ng
 RT: 11.710 min Scan# 1637
 Delta R.T. -0.006 min
 Lab File: BF126798.D
 Acq: 03 Feb 2022 14:54

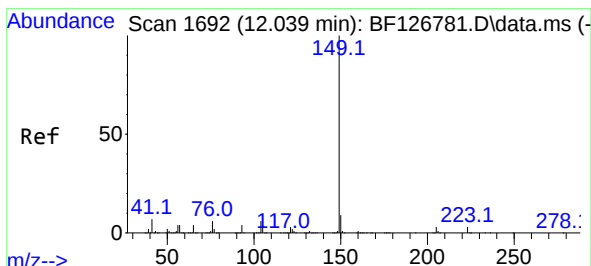
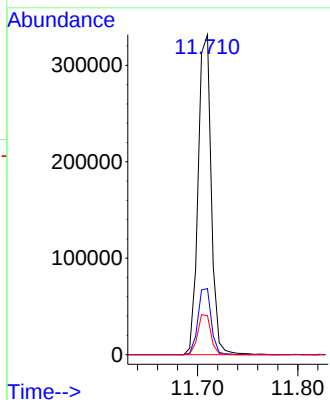
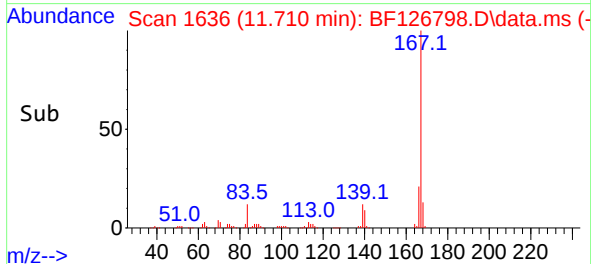
Instrument :
 BNA_F
 ClientSampleId :
 LOQ-WATER-02-QT4-2021



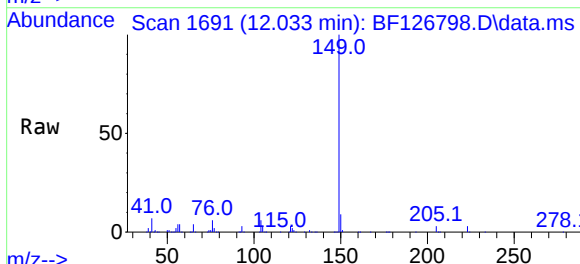
Tgt Ion:167 Resp: 302128
 Ion Ratio Lower Upper
 167 100
 166 20.6 16.9 25.3
 139 12.2 11.3 16.9

Manual Integrations
 APPROVED

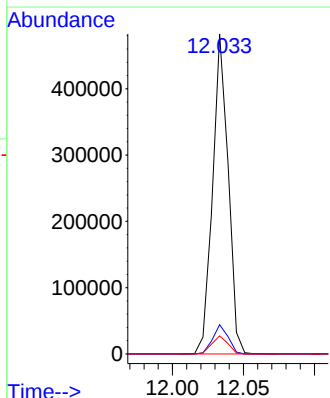
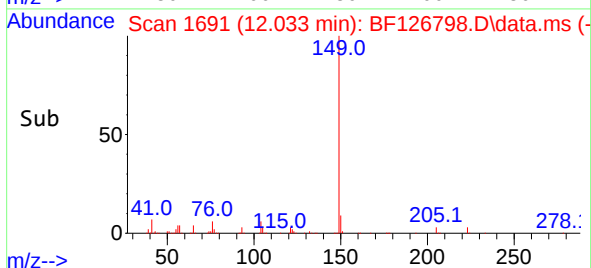
Reviewed By :Christian Giraldo 02/10/2022
 Supervised By :mohammad ahmed 02/10/2022

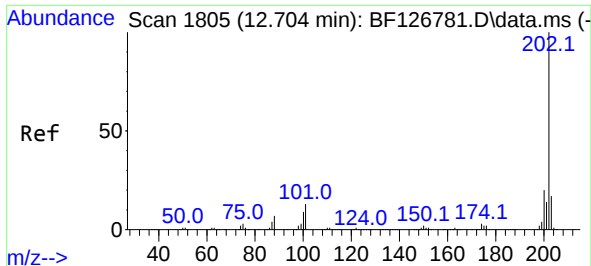


#74
 Di-n-butylphthalate
 Concen: 10.916 ng
 RT: 12.033 min Scan# 1691
 Delta R.T. -0.006 min
 Lab File: BF126798.D
 Acq: 03 Feb 2022 14:54



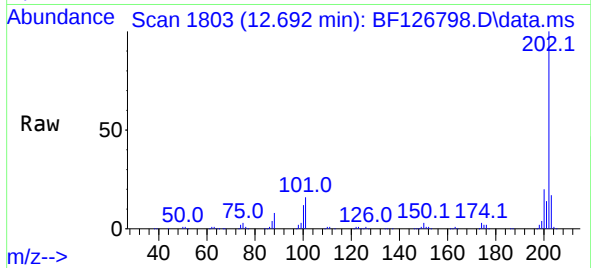
Tgt Ion:149 Resp: 368069
 Ion Ratio Lower Upper
 149 100
 150 9.1 7.2 10.8
 104 5.6 4.2 6.2





#75
Fluoranthene
Concen: 11.032 ng
RT: 12.692 min Scan# 1803
Delta R.T. -0.012 min
Lab File: BF126798.D
Acq: 03 Feb 2022 14:54

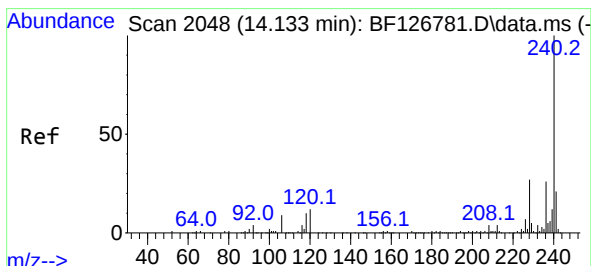
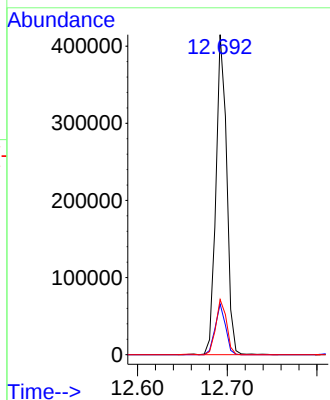
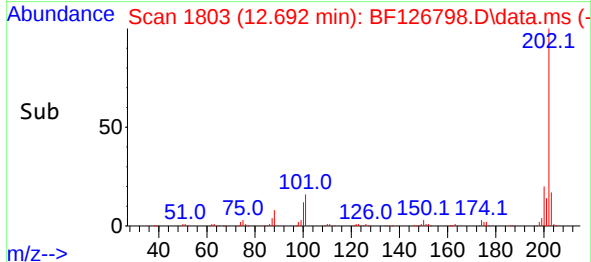
Instrument :
BNA_F
ClientSampleId :
LOQ-WATER-02-QT4-2021



Tgt Ion:202 Resp: 345370
Ion Ratio Lower Upper
202 100
101 15.8 0.0 35.7
203 17.2 0.0 37.1

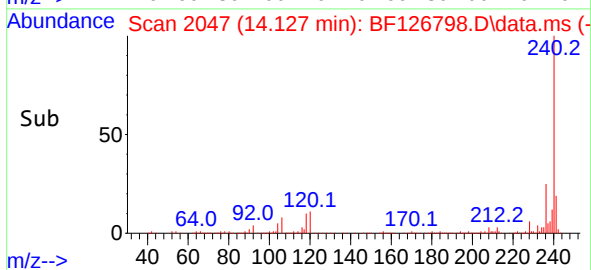
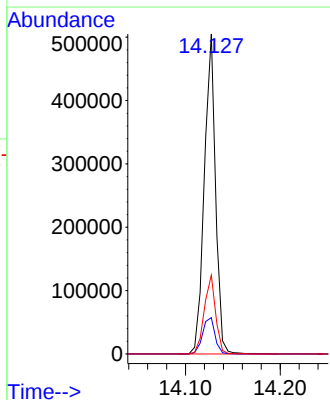
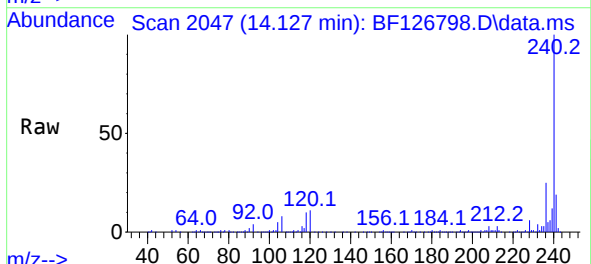
Manual Integrations
APPROVED

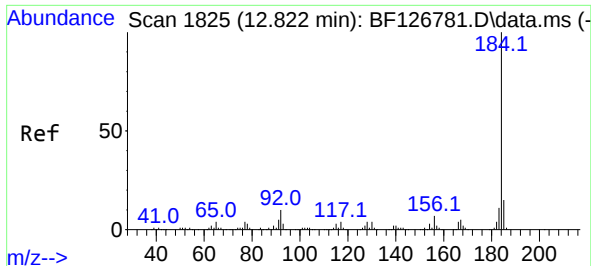
Reviewed By :Christian Giraldo 02/10/2022
Supervised By :mohammad ahmed 02/10/2022



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.127 min Scan# 2047
Delta R.T. -0.006 min
Lab File: BF126798.D
Acq: 03 Feb 2022 14:54

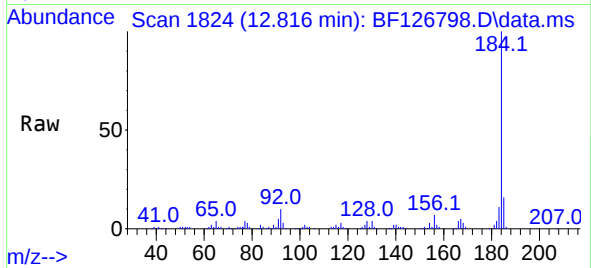
Tgt Ion:240 Resp: 413886
Ion Ratio Lower Upper
240 100
120 11.4 14.4 21.6#
236 24.6 20.5 30.7





#77
Benzidine
Concen: 17.591 ng
RT: 12.816 min Scan# 1824
Delta R.T. -0.006 min
Lab File: BF126798.D
Acq: 03 Feb 2022 14:54

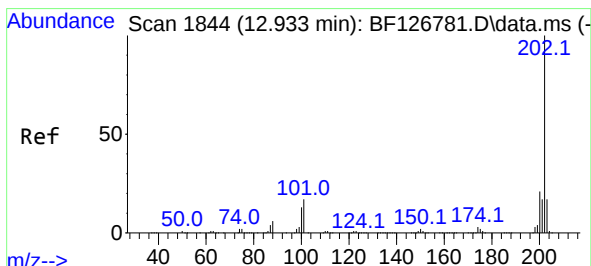
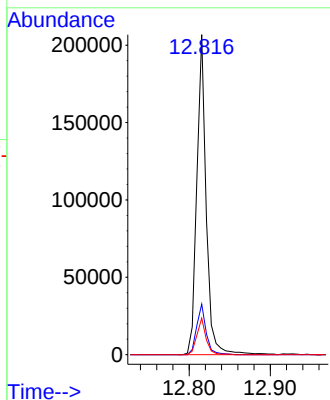
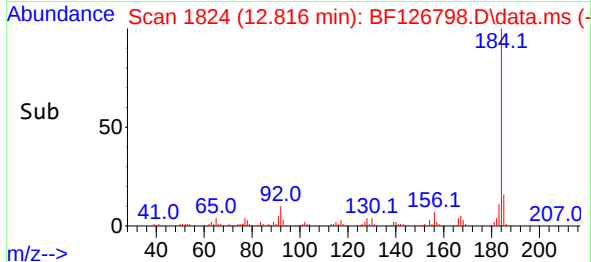
Instrument :
BNA_F
ClientSampleId :
LOQ-WATER-02-QT4-2021



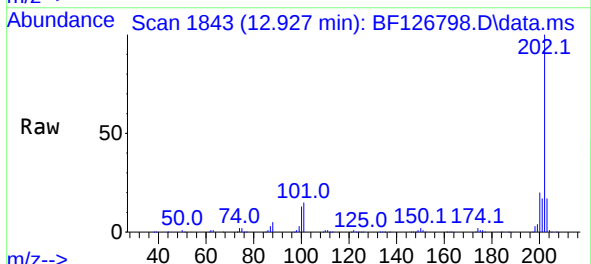
Tgt Ion:184 Resp: 167024
Ion Ratio Lower Upper
184 100
185 15.8 11.8 17.8
183 11.4 8.2 12.2

Manual Integrations
APPROVED

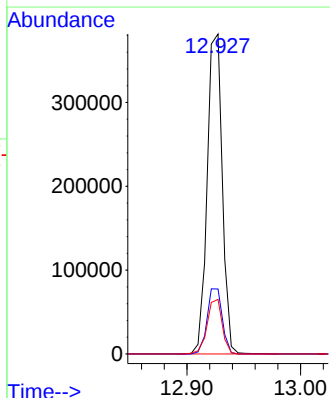
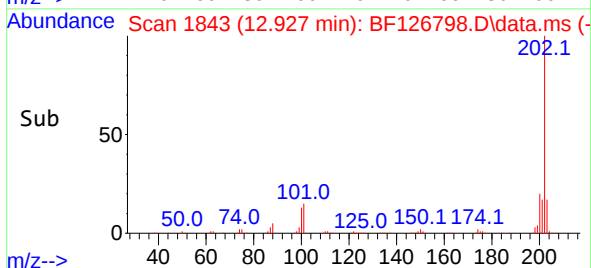
Reviewed By :Christian Giraldo 02/10/2022
Supervised By :mohammad ahmed 02/10/2022

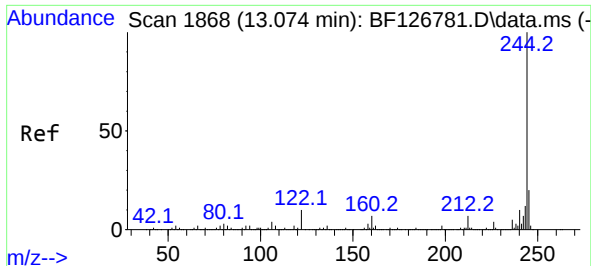


#78
Pyrene
Concen: 10.645 ng
RT: 12.927 min Scan# 1843
Delta R.T. -0.006 min
Lab File: BF126798.D
Acq: 03 Feb 2022 14:54



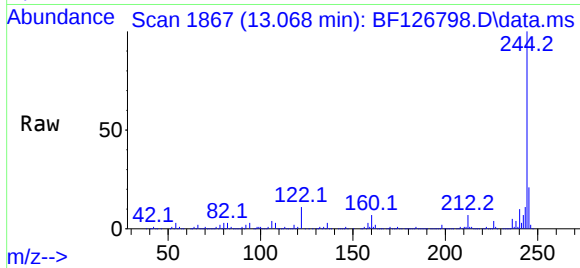
Tgt Ion:202 Resp: 352110
Ion Ratio Lower Upper
202 100
200 20.3 16.6 24.8
203 17.0 13.8 20.8





#79
Terphenyl-d14
Concen: 64.872 ng
RT: 13.068 min Scan# 1867
Delta R.T. -0.006 min
Lab File: BF126798.D
Acq: 03 Feb 2022 14:54

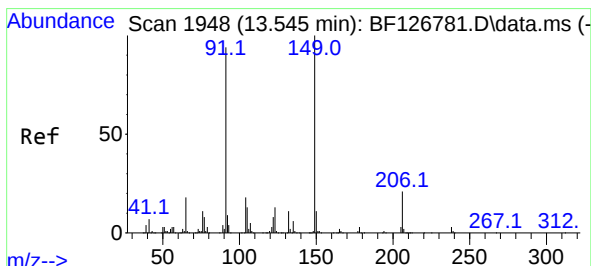
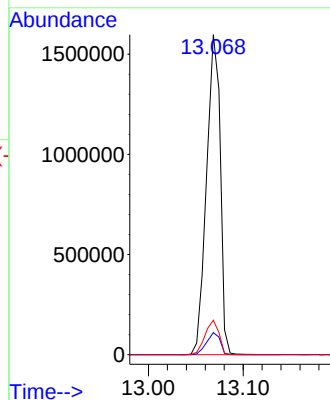
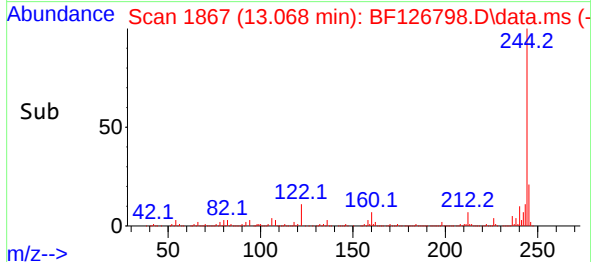
Instrument :
BNA_F
ClientSampleId :
LOQ-WATER-02-QT4-2021



Tgt Ion:244 Resp: 160503
Ion Ratio Lower Upper
244 100
212 6.9 5.0 7.4
122 10.7 13.3 19.9

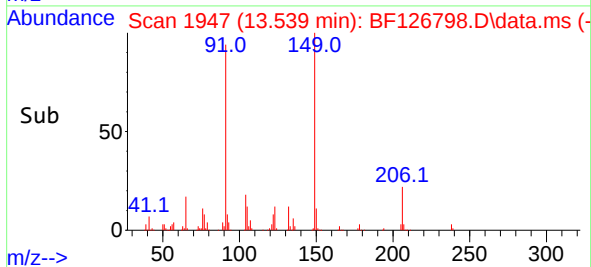
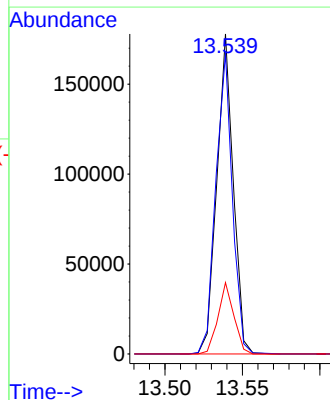
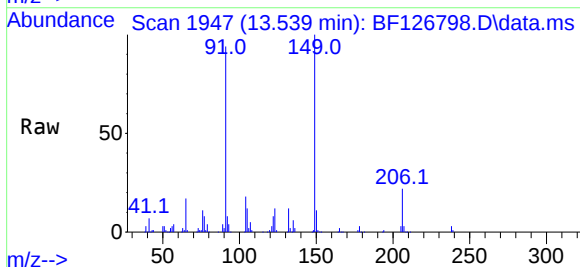
Manual Integrations
APPROVED

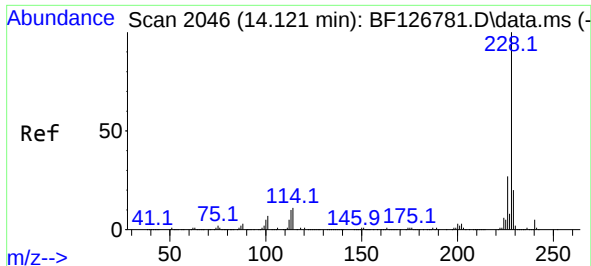
Reviewed By :Christian Giraldo 02/10/2022
Supervised By :mohammad ahmed 02/10/2022



#80
Butylbenzylphthalate
Concen: 9.560 ng
RT: 13.539 min Scan# 1947
Delta R.T. -0.006 min
Lab File: BF126798.D
Acq: 03 Feb 2022 14:54

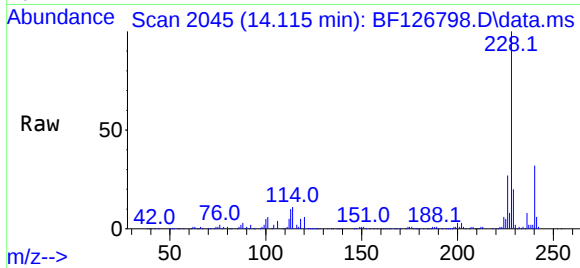
Tgt Ion:149 Resp: 131211
Ion Ratio Lower Upper
149 100
91 94.0 70.5 105.7
206 22.3 12.6 19.0





#81
Benzo(a)anthracene
Concen: 10.080 ng
RT: 14.115 min Scan# 2046
Delta R.T. -0.006 min
Lab File: BF126798.D
Acq: 03 Feb 2022 14:54

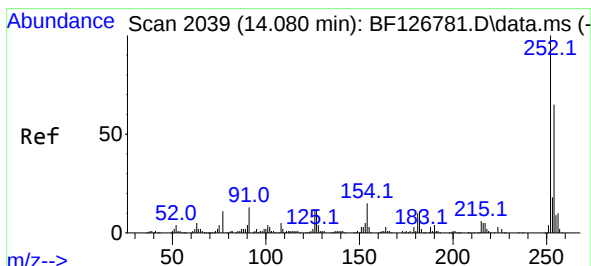
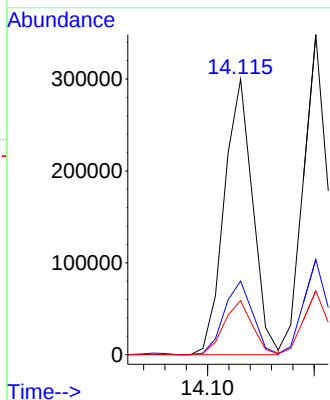
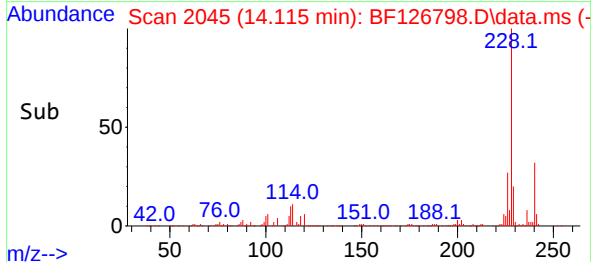
Instrument : BNA_F
ClientSampleId : LOQ-WATER-02-QT4-2021



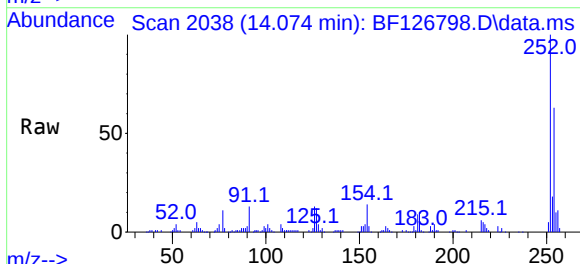
Tgt Ion:228 Resp: 278390
Ion Ratio Lower Upper
228 100
226 26.7 21.4 32.0
229 19.6 15.4 23.2

Manual Integrations
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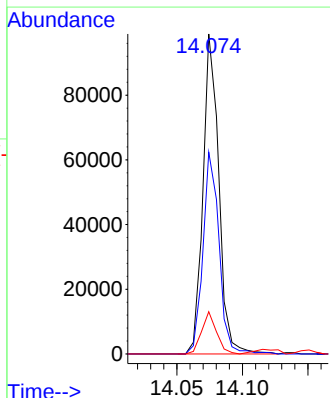
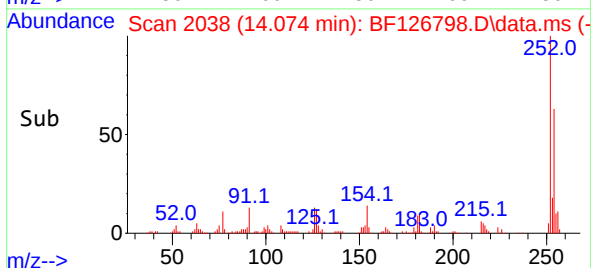
Reviewed By :Christian Giraldo 02/10/2022
Supervised By :mohammad ahmed 02/10/2022

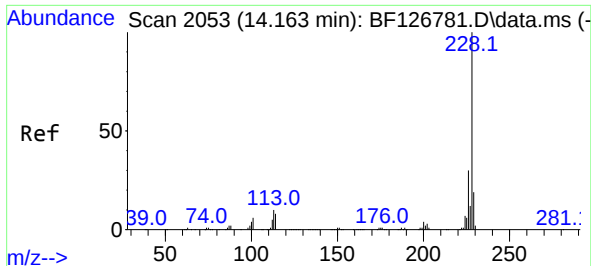


#82
3,3'-Dichlorobenzidine
Concen: 10.532 ng
RT: 14.074 min Scan# 2038
Delta R.T. -0.006 min
Lab File: BF126798.D
Acq: 03 Feb 2022 14:54



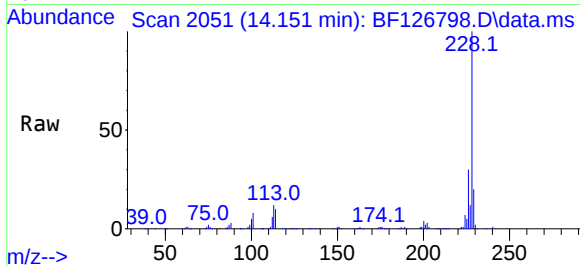
Tgt Ion:252 Resp: 83301
Ion Ratio Lower Upper
252 100
254 63.0 51.0 76.4
126 13.2 13.4 20.0#





#83
Chrysene
Concen: 10.619 ng
RT: 14.151 min Scan# 2051
Delta R.T. -0.012 min
Lab File: BF126798.D
Acq: 03 Feb 2022 14:54

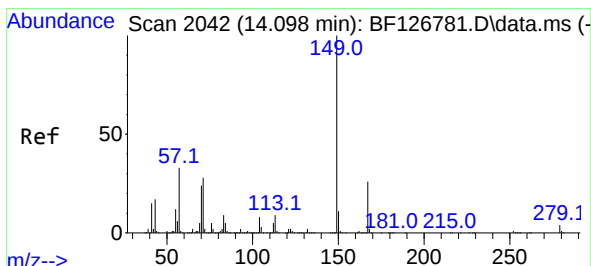
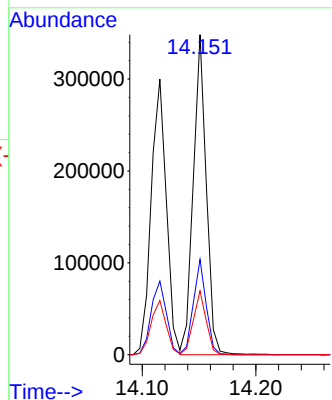
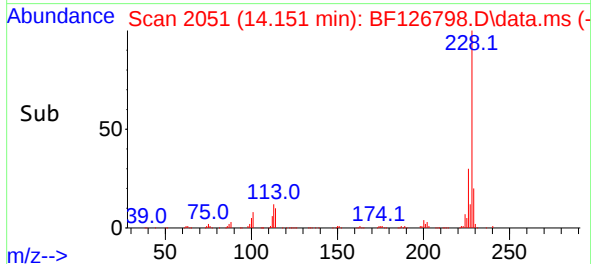
Instrument :
BNA_F
ClientSampleId :
LOQ-WATER-02-QT4-2021



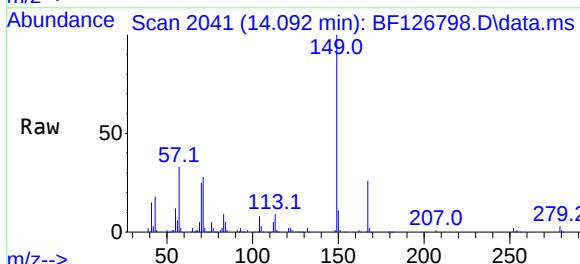
Tgt Ion:228 Resp: 27767
Ion Ratio Lower Upper
228 100
226 29.7 23.7 35.5
229 20.0 15.5 23.3

Manual Integrations
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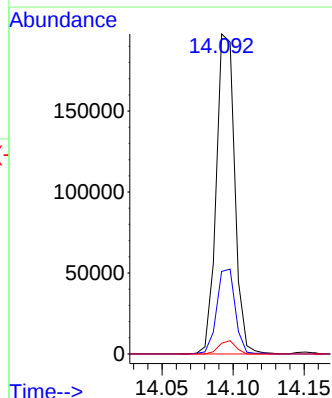
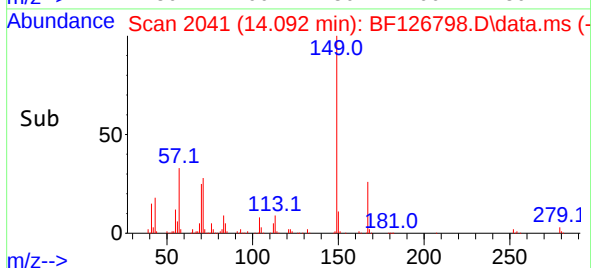
Reviewed By :Christian Giraldo 02/10/2022
Supervised By :mohammad ahmed 02/10/2022

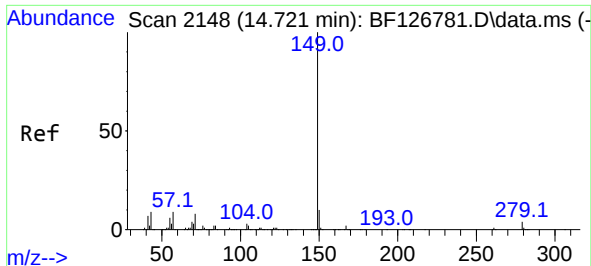


#84
Bis(2-ethylhexyl)phthalate
Concen: 9.964 ng
RT: 14.092 min Scan# 2041
Delta R.T. -0.006 min
Lab File: BF126798.D
Acq: 03 Feb 2022 14:54



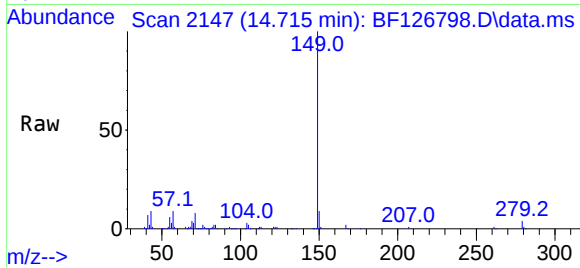
Tgt Ion:149 Resp: 177919
Ion Ratio Lower Upper
149 100
167 25.8 21.4 32.2
279 3.3 2.4 3.6





#85
Di-n-octyl phthalate
Concen: 8.930 ng
RT: 14.715 min Scan# 2148
Delta R.T. -0.006 min
Lab File: BF126798.D
Acq: 03 Feb 2022 14:54

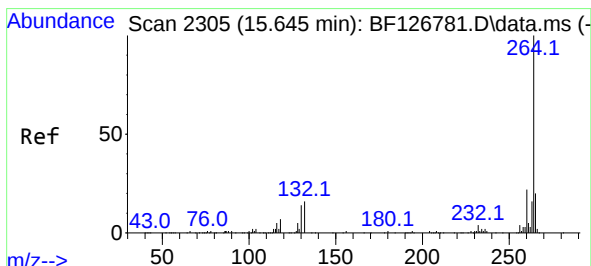
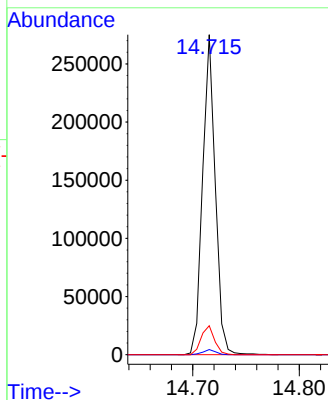
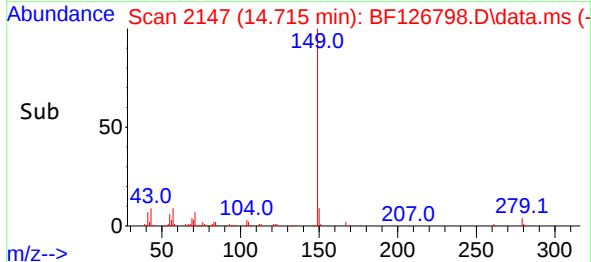
Instrument : BNA_F
ClientSampleId :
LOQ-WATER-02-QT4-2021



Tgt Ion:149 Resp: 227359
Ion Ratio Lower Upper
149 100
167 1.6 1.1 1.7
43 9.6 9.9 14.9

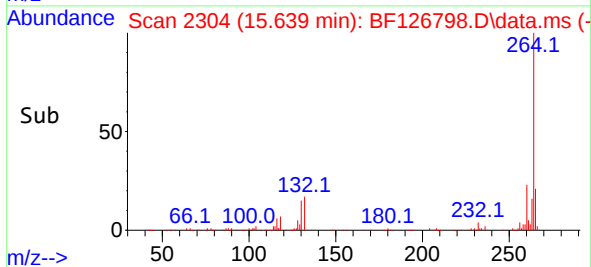
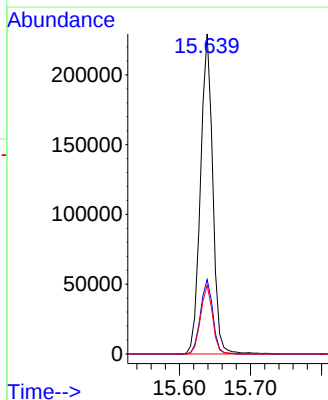
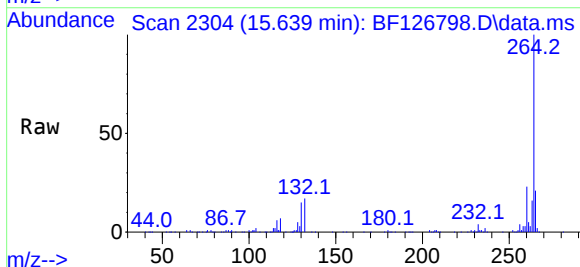
Manual Integrations
APPROVED

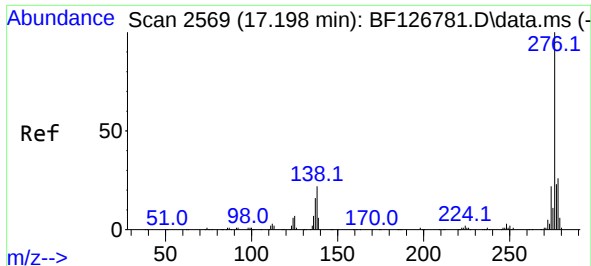
Reviewed By :Christian Giraldo 02/10/2022
Supervised By :mohammad ahmed 02/10/2022



#86
Perylene-d12
Concen: 20.000 ng
RT: 15.639 min Scan# 2304
Delta R.T. -0.006 min
Lab File: BF126798.D
Acq: 03 Feb 2022 14:54

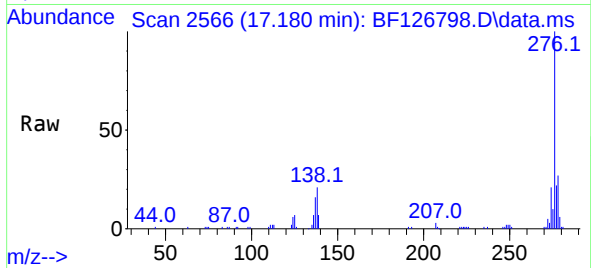
Tgt Ion:264 Resp: 275485
Ion Ratio Lower Upper
264 100
260 23.3 19.2 28.8
265 21.5 17.4 26.2





#87
Indeno(1,2,3-cd)pyrene
Concen: 9.763 ng
RT: 17.180 min Scan# 2569
Delta R.T. -0.018 min
Lab File: BF126798.D
Acq: 03 Feb 2022 14:54

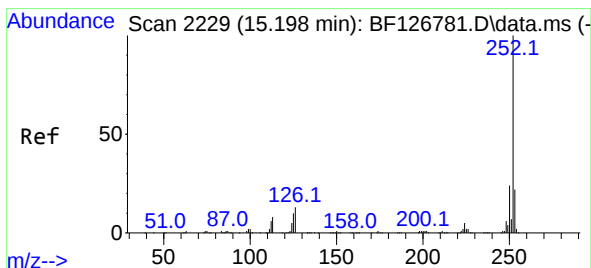
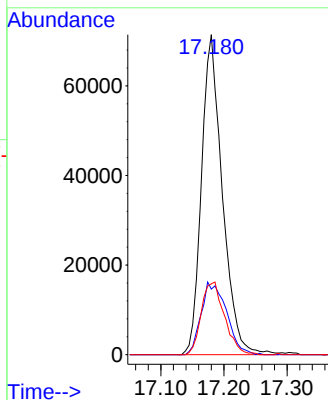
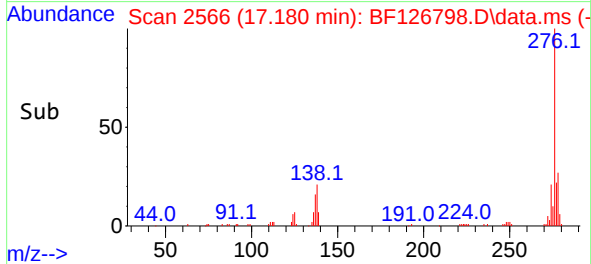
Instrument :
BNA_F
ClientSampleId :
LOQ-WATER-02-QT4-2021



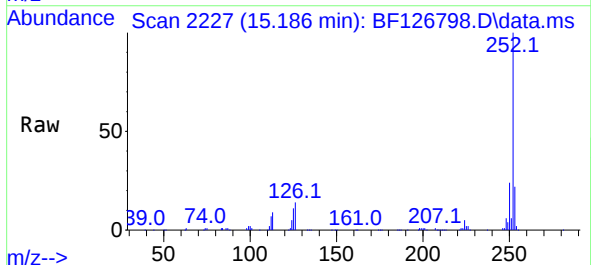
Tgt Ion:276 Resp: 164039
Ion Ratio Lower Upper
276 100
138 27.5 29.2 43.8
277 25.2 19.8 29.8

Manual Integrations
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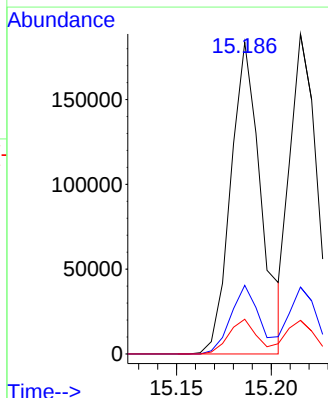
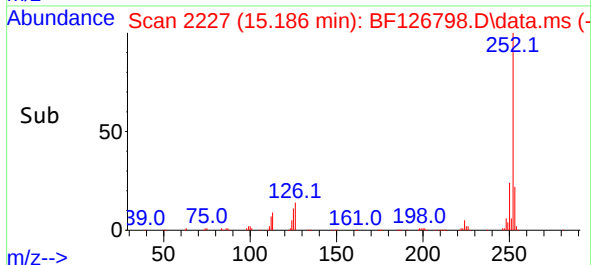
Reviewed By :Christian Giraldo 02/10/2022
Supervised By :mohammad ahmed 02/10/2022

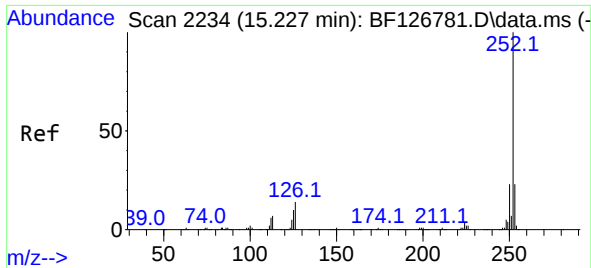


#88
Benzo(b)fluoranthene
Concen: 11.343 ng
RT: 15.186 min Scan# 2227
Delta R.T. -0.012 min
Lab File: BF126798.D
Acq: 03 Feb 2022 14:54



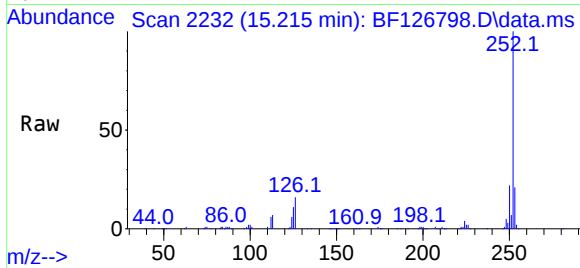
Tgt Ion:252 Resp: 204331
Ion Ratio Lower Upper
252 100
253 22.0 17.8 26.8
125 11.1 12.4 18.6





#89
Benzo(k)fluoranthene
Concen: 10.518 ng
RT: 15.215 min Scan# 21
Delta R.T. -0.012 min
Lab File: BF126798.D
Acq: 03 Feb 2022 14:54

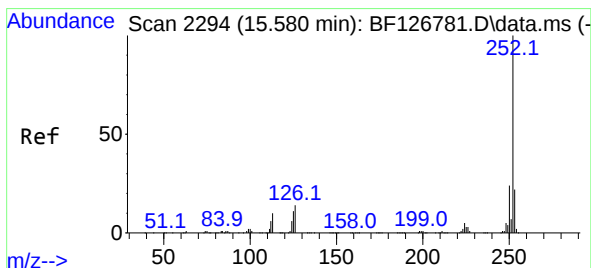
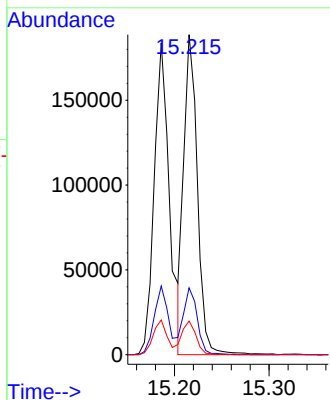
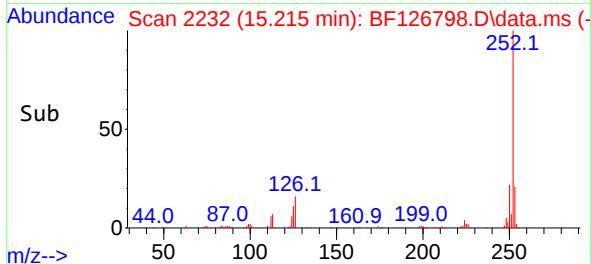
Instrument :
BNA_F
ClientSampleId :
LOQ-WATER-02-QT4-2021



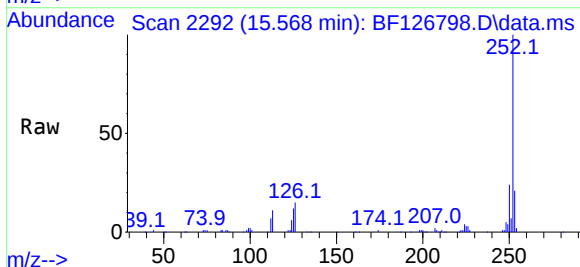
Tgt Ion:252 Resp: 188990
Ion Ratio Lower Upper
252 100
253 20.9 17.5 26.3
125 10.5 11.8 17.6

Manual Integrations
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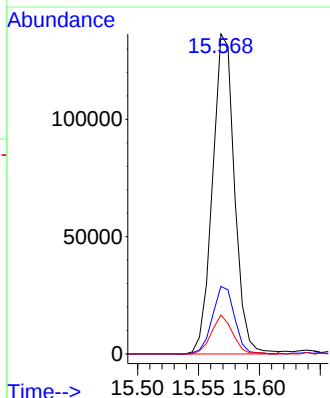
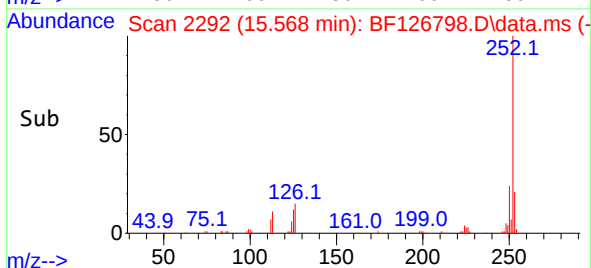
Reviewed By :Christian Giraldo 02/10/2022
Supervised By :mohammad ahmed 02/10/2022

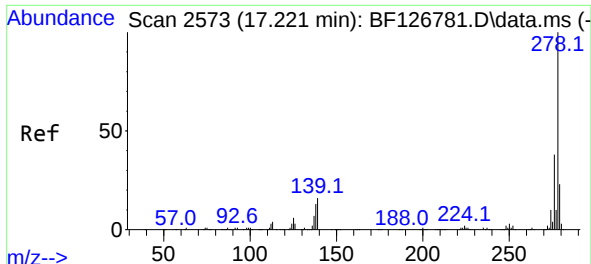


#90
Benzo(a)pyrene
Concen: 11.951 ng
RT: 15.568 min Scan# 2292
Delta R.T. -0.012 min
Lab File: BF126798.D
Acq: 03 Feb 2022 14:54



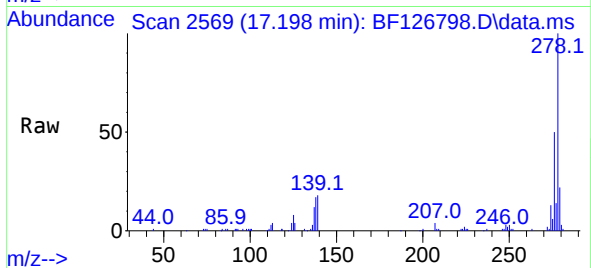
Tgt Ion:252 Resp: 171610
Ion Ratio Lower Upper
252 100
253 21.1 17.1 25.7
125 12.2 13.0 19.6





#91
Dibenzo(a,h)anthracene
Concen: 10.285 ng
RT: 17.198 min Scan# 21
Delta R.T. -0.024 min
Lab File: BF126798.D
Acq: 03 Feb 2022 14:54

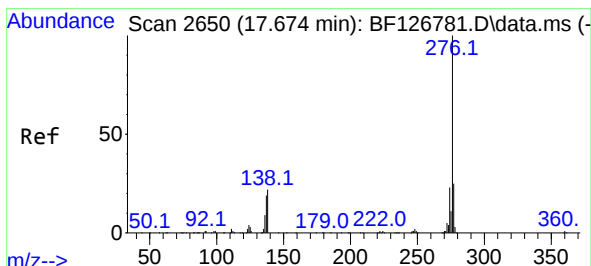
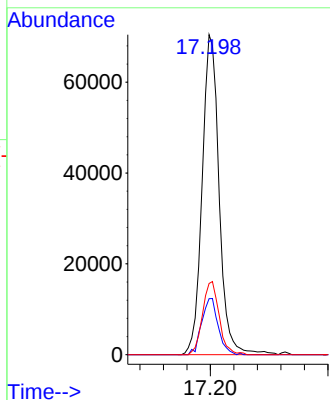
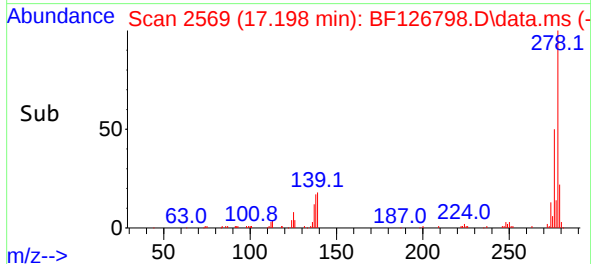
Instrument :
BNA_F
ClientSampleId :
LOQ-WATER-02-QT4-2021



Tgt Ion:278 Resp: 141540
Ion Ratio Lower Upper
278 100
139 17.5 18.0 27.0
279 22.2 18.6 27.8

Manual Integrations
APPROVED

Reviewed By :Christian Giraldo 02/10/2022
Supervised By :mohammad ahmed 02/10/2022



#92
Benzo(g,h,i)perylene
Concen: 10.237 ng
RT: 17.651 min Scan# 2646
Delta R.T. -0.024 min
Lab File: BF126798.D
Acq: 03 Feb 2022 14:54

Tgt Ion:276 Resp: 139158
Ion Ratio Lower Upper
276 100
277 24.1 18.5 27.7
138 21.7 25.9 38.9#

