

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF111822\
 Data File : BF131305.D
 Acq On : 18 Nov 2022 19:17
 Operator : CG\JU
 Sample : N4955-07
 Misc : LOD-MDL-WATER 8ppm
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 LOD-MDL-WATER-01-QT4-2022

Quant Time: Nov 21 01:39:25 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF111722.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Nov 21 00:46:51 2022
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By :Christian Giraldo 11/21/2022
 Supervised By :Jagrut Upadhyay 11/21/2022

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.969	152	88916	20.000	ng	0.00
21) Naphthalene-d8	8.257	136	315931	20.000	ng	0.00
39) Acenaphthene-d10	10.022	164	183552	20.000	ng	0.00
64) Phenanthrene-d10	11.516	188	338746	20.000	ng	0.00
76) Chrysene-d12	14.174	240	228343	20.000	ng	0.00
86) Perylene-d12	15.715	264	168986	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.569	112	517558	106.539	ng	0.00
7) Phenol-d6	6.581	99	644329	104.625	ng	0.00
23) Nitrobenzene-d5	7.534	82	467593	79.060	ng	0.00
42) 2,4,6-Tribromophenol	10.816	330	187837	114.957	ng	0.00
45) 2-Fluorobiphenyl	9.339	172	934923	72.748	ng	0.00
79) Terphenyl-d14	13.116	244	1051032	68.802	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	2.763	88	19555	8.706	ng	98
3) Pyridine	3.557	79	46306	7.399	ng	99
4) n-Nitrosodimethylamine	3.487	42	28906	7.444	ng	# 93
6) Aniline	6.628	93	70590	9.158	ng	97
8) 2-Chlorophenol	6.751	128	46996	8.740	ng	92
9) Benzaldehyde	6.516	77	43592	9.750	ng	98
10) Phenol	6.593	94	55995	8.215	ng	97
11) bis(2-Chloroethyl)ether	6.698	93	46091	8.401	ng	98
12) 1,3-Dichlorobenzene	6.910	146	53880	8.422	ng	97
13) 1,4-Dichlorobenzene	6.987	146	54488	8.377	ng	94
14) 1,2-Dichlorobenzene	7.140	146	51189	8.455	ng	99
15) Benzyl Alcohol	7.104	79	39436m	7.518	ng	
16) 2,2'-oxybis(1-Chloropr...	7.240	45	88677	8.536	ng	99
17) 2-Methylphenol	7.204	107	37244	7.922	ng	97
18) Hexachloroethane	7.487	117	19286	8.339	ng	88
19) n-Nitroso-di-n-propyla...	7.375	70	36523	8.245	ng	97
20) 3+4-Methylphenols	7.357	107	49942	8.318	ng	93
22) Acetophenone	7.375	105	72764	8.716	ng	98
24) Nitrobenzene	7.551	77	55909	9.339	ng	98
25) Isophorone	7.787	82	98949	8.763	ng	98
26) 2-Nitrophenol	7.869	139	17013	8.973	ng	96
27) 2,4-Dimethylphenol	7.898	122	40917	9.217	ng	96
28) bis(2-Chloroethoxy)met...	7.998	93	59405	9.419	ng	99
29) 2,4-Dichlorophenol	8.104	162	38894	8.181	ng	98
30) 1,2,4-Trichlorobenzene	8.198	180	47931	8.120	ng	92
31) Naphthalene	8.281	128	143420	8.372	ng	100
32) Benzoic acid	7.945	122	12501	4.707	ng	98
33) 4-Chloroaniline	8.322	127	58777	8.832	ng	97
34) Hexachlorobutadiene	8.392	225	32178	8.249	ng	97
35) Caprolactam	8.657	113	11457	8.655	ng	92
36) 4-Chloro-3-methylphenol	8.792	107	42410	8.276	ng	97
37) 2-Methylnaphthalene	8.975	142	99372	8.607	ng	97
38) 1-Methylnaphthalene	9.075	142	93312	8.340	ng	97
40) 1,2,4,5-Tetrachloroben...	9.139	216	51481	8.572	ng	98
41) Hexachlorocyclopentadiene	9.128	237	22230	8.556	ng	99
43) 2,4,6-Trichlorophenol	9.245	196	26339	7.376	ng	97

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.281	196	32040	8.235	ng	98
46) 1,1'-Biphenyl	9.439	154	127950	9.027	ng	99
47) 2-Chloronaphthalene	9.463	162	98437	8.650	ng	98
48) 2-Nitroaniline	9.557	65	26114	8.302	ng	93
49) Acenaphthylene	9.881	152	146754	8.442	ng	99
50) Dimethylphthalate	9.733	163	115561	8.694	ng	99
51) 2,6-Dinitrotoluene	9.798	165	20010	9.165	ng	98
52) Acenaphthene	10.057	154	91921	8.475	ng	97
53) 3-Nitroaniline	9.969	138	20485	8.866	ng	86
54) 2,4-Dinitrophenol	10.069	184	3746	4.871	ng	# 69
55) Dibenzofuran	10.228	168	135505	8.615	ng	97
56) 4-Nitrophenol	10.110	139	12746	7.331	ng	# 84
57) 2,4-Dinitrotoluene	10.198	165	22225	8.419	ng	97
58) Fluorene	10.575	166	106734	8.545	ng	99
59) 2,3,4,6-Tetrachlorophenol	10.339	232	25932	7.869	ng	99
60) Diethylphthalate	10.439	149	107508	8.478	ng	99
61) 4-Chlorophenyl-phenyle...	10.569	204	57007	9.003	ng	90
62) 4-Nitroaniline	10.581	138	19151	8.158	ng	94
63) Azobenzene	10.728	77	110495	8.390	ng	98
65) 4,6-Dinitro-2-methylph...	10.604	198	6536	5.566	ng	85
66) n-Nitrosodiphenylamine	10.681	169	93576	8.572	ng	99
67) 4-Bromophenyl-phenylether	11.057	248	35152	8.648	ng	95
68) Hexachlorobenzene	11.122	284	37217	8.439	ng	96
69) Atrazine	11.204	200	32771	9.410	ng	96
70) Pentachlorophenol	11.310	266	15271	6.482	ng	96
71) Phenanthrene	11.539	178	155020	8.276	ng	98
72) Anthracene	11.592	178	158124	8.632	ng	100
73) Carbazole	11.745	167	133498	8.670	ng	100
74) Di-n-butylphthalate	12.080	149	165586	8.906	ng	99
75) Fluoranthene	12.739	202	163327	8.402	ng	98
77) Benzidine	12.863	184	69255	13.409	ng	98
78) Pyrene	12.969	202	166865	7.595	ng	97
80) Butylbenzylphthalate	13.592	149	51312	7.721	ng	99
81) Benzo(a)anthracene	14.163	228	126027	7.829	ng	98
82) 3,3'-Dichlorobenzidine	14.127	252	39484	9.239	ng	99
83) Chrysene	14.198	228	120541	7.829	ng	99
84) Bis(2-ethylhexyl)phtha...	14.151	149	66588	8.608	ng	99
85) Di-n-octyl phthalate	14.780	149	84985	7.739	ng	99
87) Indeno(1,2,3-cd)pyrene	17.286	276	88614	6.914	ng	97
88) Benzo(b)fluoranthene	15.251	252	95240	8.374	ng	99
89) Benzo(k)fluoranthene	15.280	252	94294m	8.111	ng	
90) Benzo(a)pyrene	15.645	252	77255	8.273	ng	98
91) Dibenzo(a,h)anthracene	17.309	278	76183	7.223	ng	97
92) Benzo(g,h,i)perylene	17.762	276	77457	7.264	ng	96

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

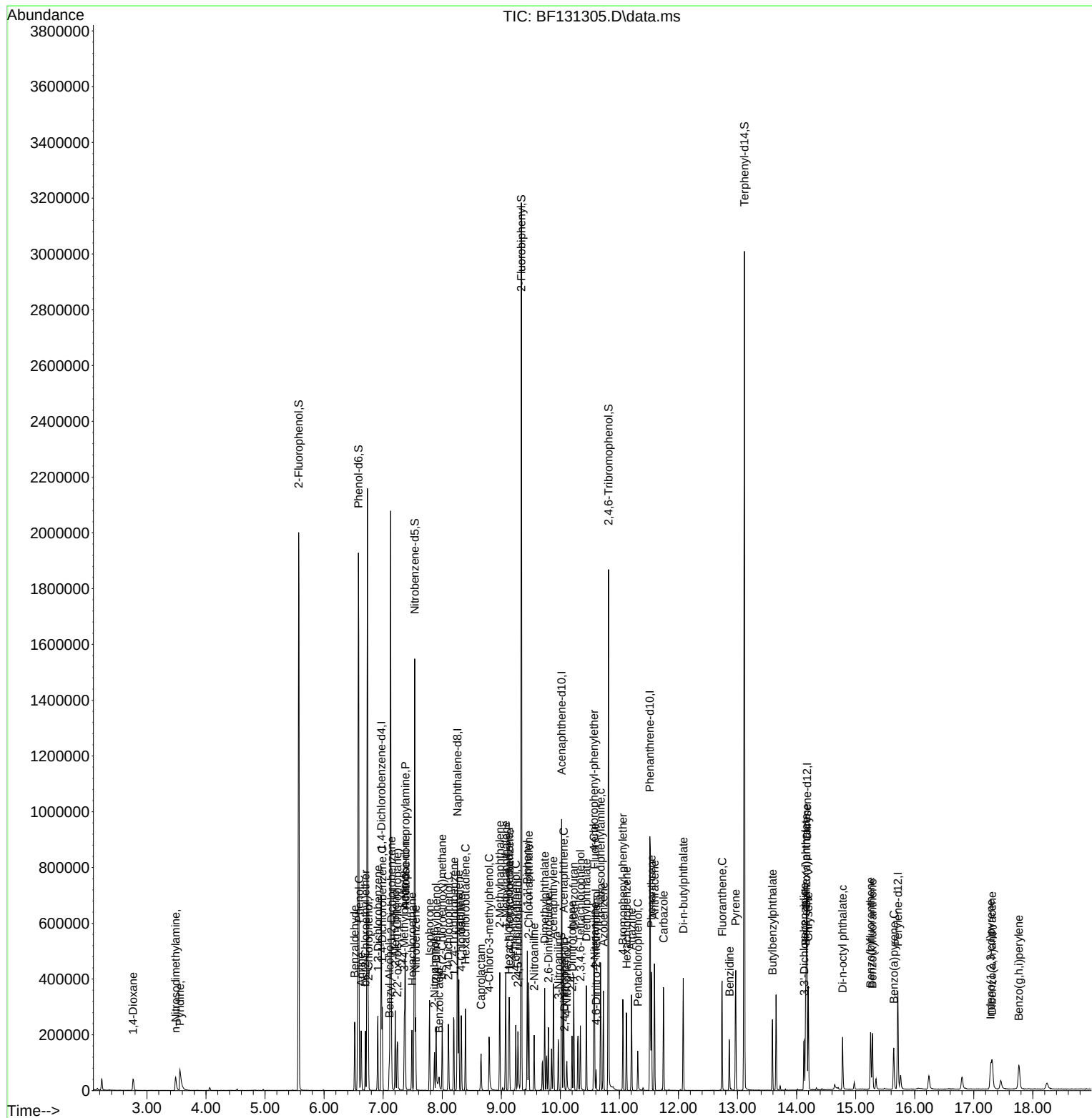
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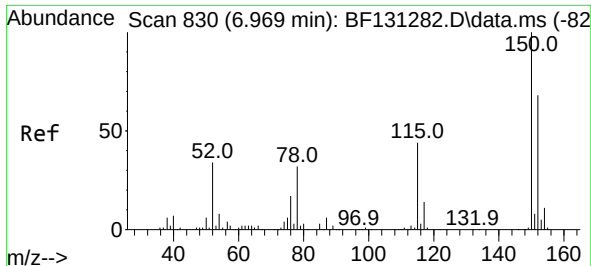
Instrument :
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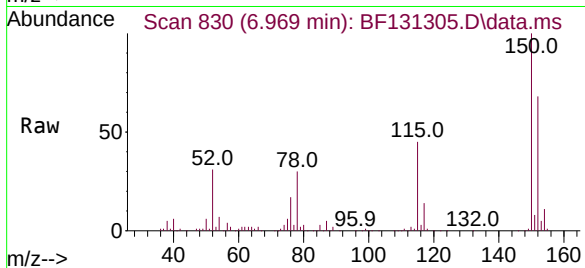
Reviewed By : Christian Giraldo 11/21/2022
 Supervised By : Jagrut Upadhyay 11/21/2022





#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.969 min Scan# 830
Delta R.T. -0.000 min
Lab File: BF131305.D
Acq: 18 Nov 2022 19:17

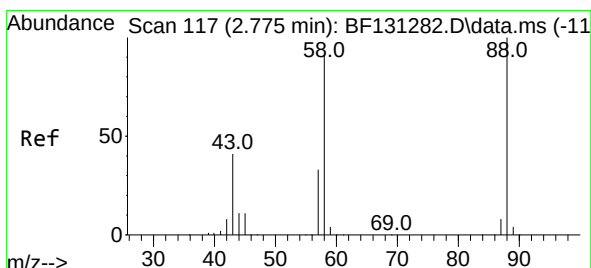
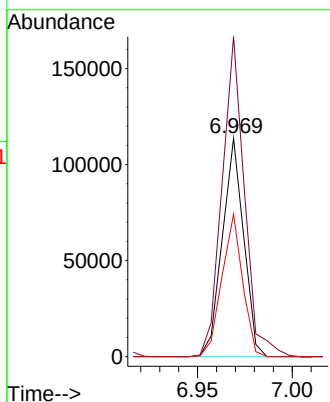
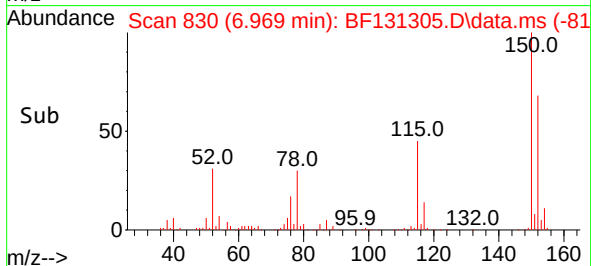
Instrument : BNA_F
ClientSampleId : LOD-MDL-WATER-01-QT4-2022



Tgt Ion:152 Resp: 88916
Ion Ratio Lower Upper
152 100
150 146.4 117.8 176.6
115 65.2 52.2 78.4

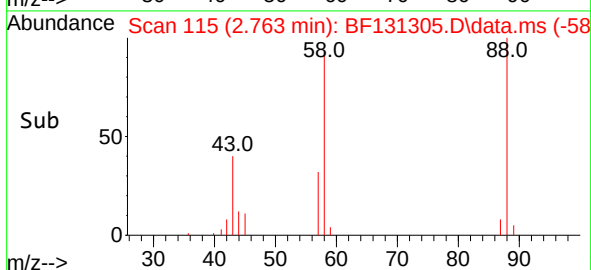
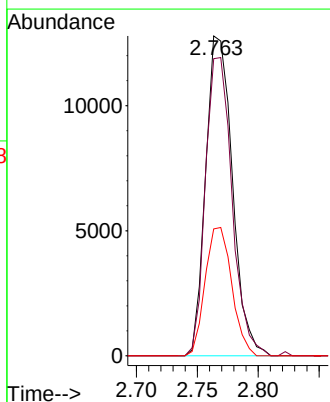
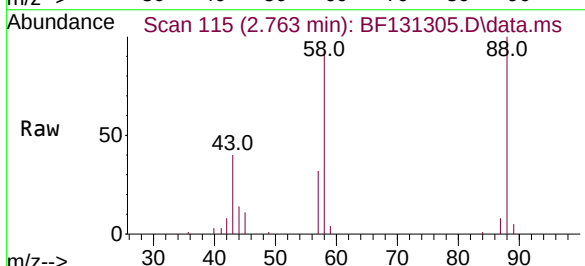
Manual Integrations
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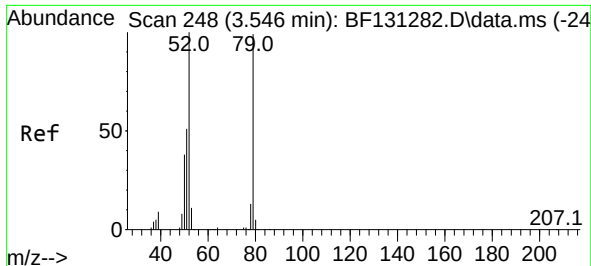
Reviewed By :Christian Giraldo 11/21/2022
Supervised By :Jagrut Upadhyay 11/21/2022



#2
1,4-Dioxane
Concen: 8.706 ng
RT: 2.763 min Scan# 115
Delta R.T. -0.012 min
Lab File: BF131305.D
Acq: 18 Nov 2022 19:17

Tgt Ion: 88 Resp: 19555
Ion Ratio Lower Upper
88 100
58 92.8 76.0 114.0
43 40.0 32.4 48.6





#3

Pyridine

Concen: 7.399 ng

RT: 3.557 min Scan# 248

Delta R.T. 0.012 min

Lab File: BF131305.D

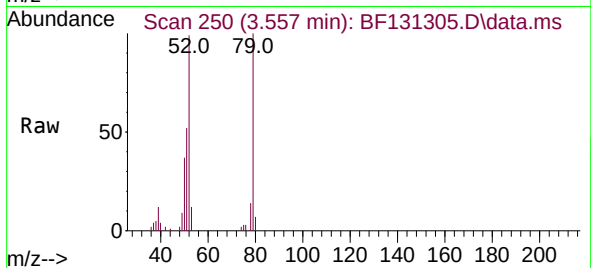
Acq: 18 Nov 2022 19:17

Instrument :

BNA_F

ClientSampleId :

LOD-MDL-WATER-01-QT4-2022



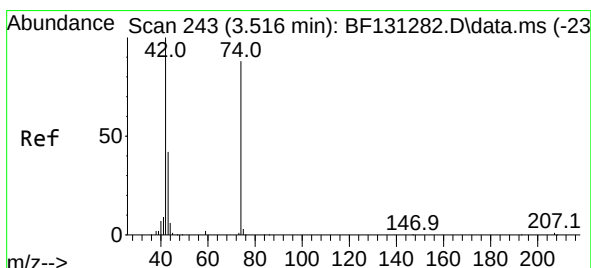
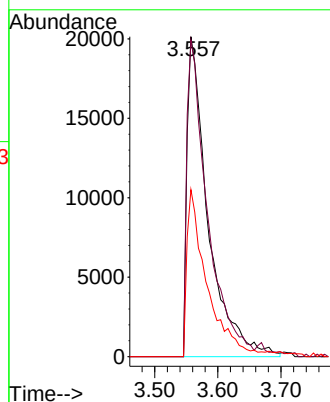
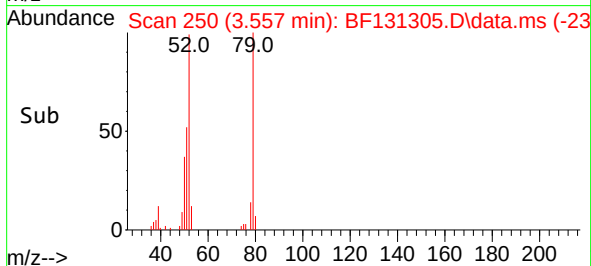
Tgt Ion: 79	Resp: 46306
Ion Ratio	Lower Upper
79	100
52	98.9 80.7 121.1
51	52.2 41.6 62.4

Manual Integrations

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#4

n-Nitrosodimethylamine

Concen: 7.444 ng

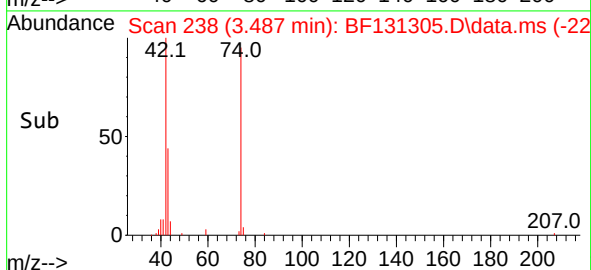
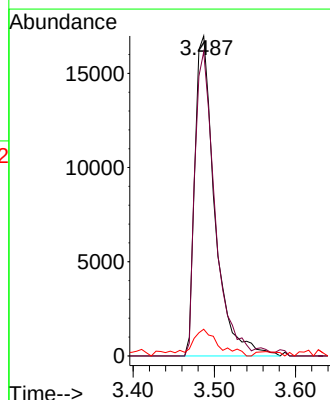
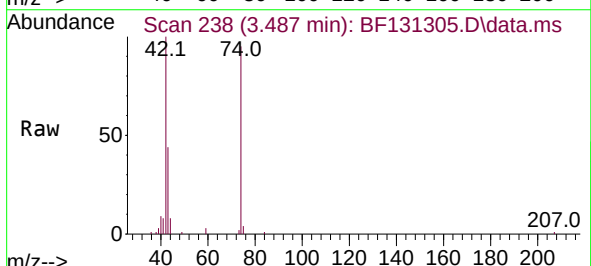
RT: 3.487 min Scan# 238

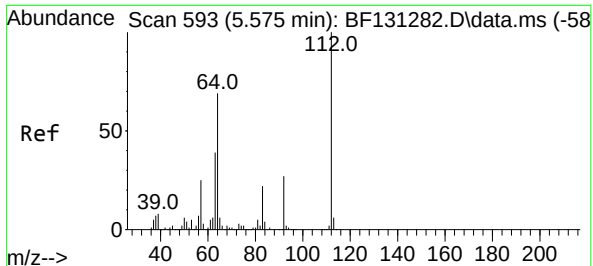
Delta R.T. -0.029 min

Lab File: BF131305.D

Acq: 18 Nov 2022 19:17

Tgt Ion: 42	Resp: 28906
Ion Ratio	Lower Upper
42	100
74	95.1 70.3 105.5
44	8.3 5.4 8.2





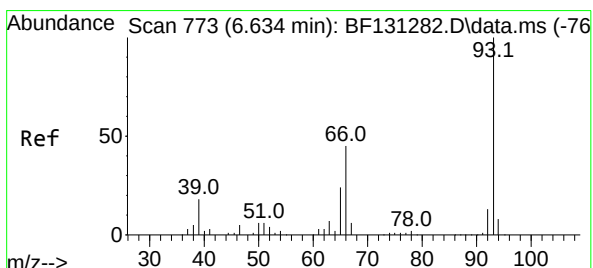
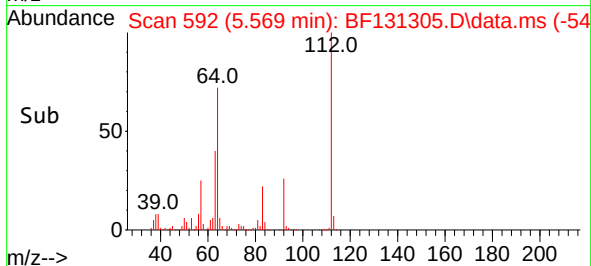
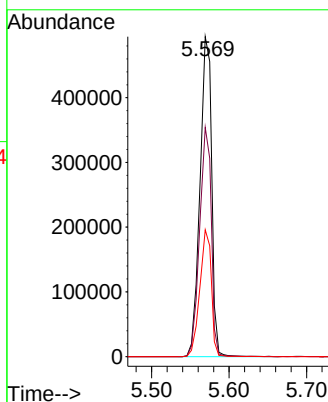
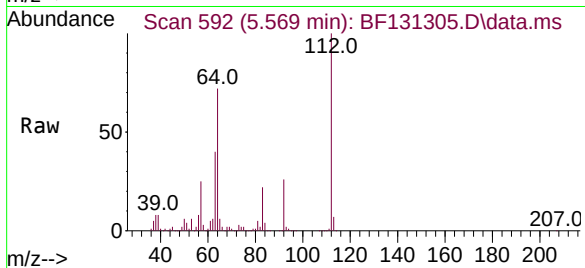
#5
2-Fluorophenol
Concen: 106.539 ng
RT: 5.569 min Scan# 593
Delta R.T. -0.006 min
Lab File: BF131305.D
Acq: 18 Nov 2022 19:17

Instrument :
BNA_F
ClientSampleId :
LOD-MDL-WATER-01-QT4-2022

Tgt Ion:112 Resp: 517558
Ion Ratio Lower Upper
112 100
64 71.6 55.5 83.3
63 39.6 31.0 46.6

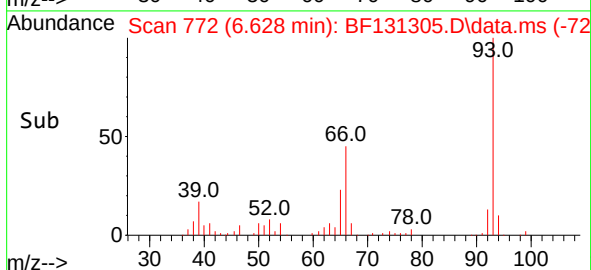
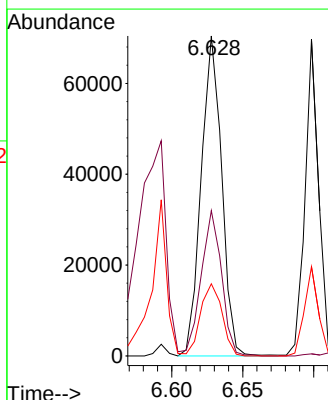
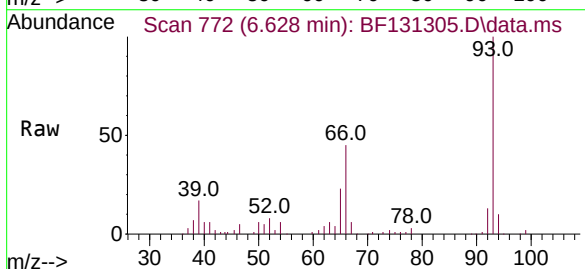
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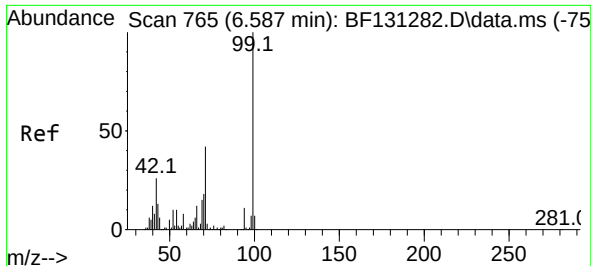
Reviewed By :Christian Giraldo 11/21/2022
Supervised By :Jagrut Upadhyay 11/21/2022



#6
Aniline
Concen: 9.158 ng
RT: 6.628 min Scan# 772
Delta R.T. -0.006 min
Lab File: BF131305.D
Acq: 18 Nov 2022 19:17

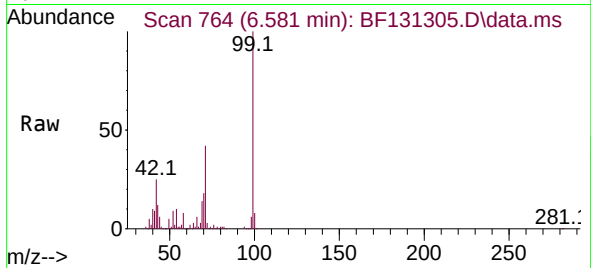
Tgt Ion: 93 Resp: 70590
Ion Ratio Lower Upper
93 100
66 45.4 37.7 56.5
65 22.5 19.5 29.3





#7
Phenol-d6
Concen: 104.625 ng
RT: 6.581 min Scan# 764
Delta R.T. -0.006 min
Lab File: BF131305.D
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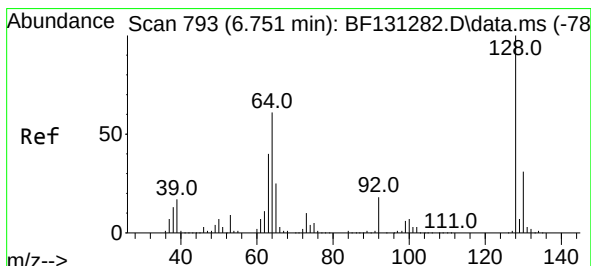
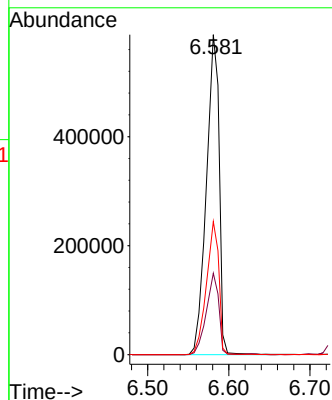
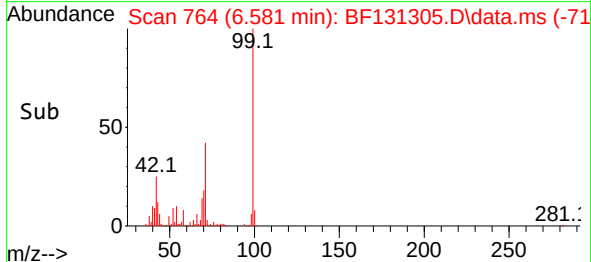
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Tgt Ion: 99 Resp: 644329
Ion Ratio Lower Upper
99 100
42 25.5 21.2 31.8
71 41.6 33.8 50.6

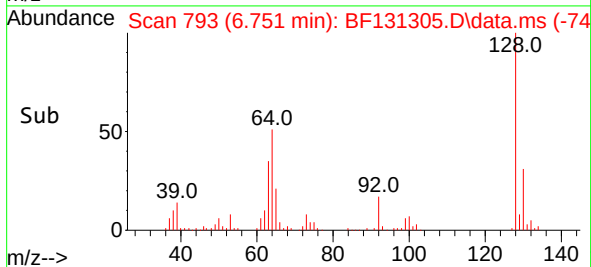
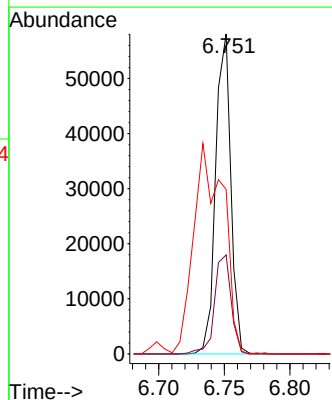
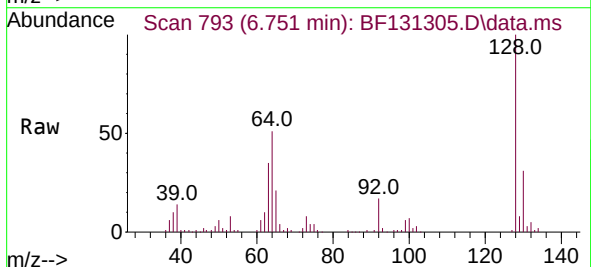
Manual Integrations
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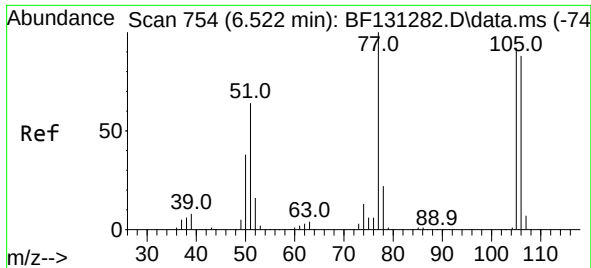
Reviewed By :Christian Giraldo 11/21/2022
Supervised By :Jagrut Upadhyay 11/21/2022



#8
2-Chlorophenol
Concen: 8.740 ng
RT: 6.751 min Scan# 793
Delta R.T. -0.000 min
Lab File: BF131305.D
Acq: 18 Nov 2022 19:17

Tgt Ion:128 Resp: 46996
Ion Ratio Lower Upper
128 100
130 31.0 11.4 51.4
64 51.4 40.9 80.9





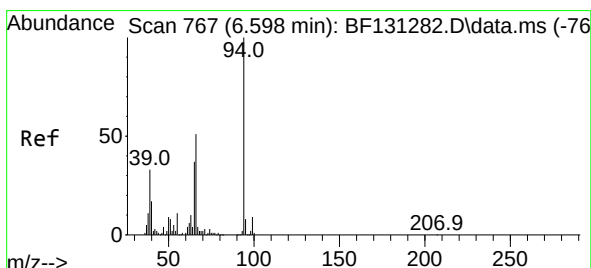
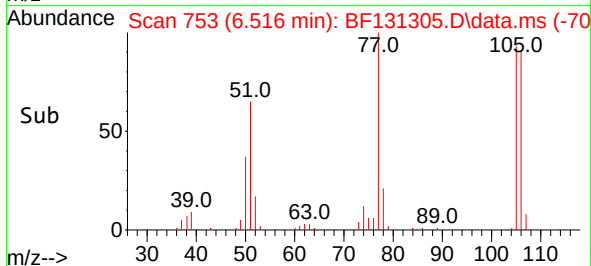
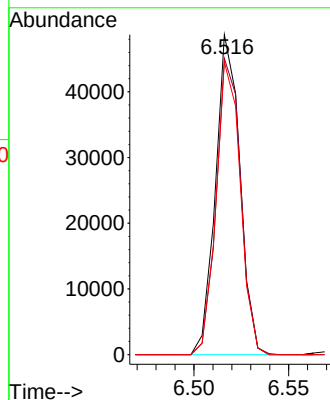
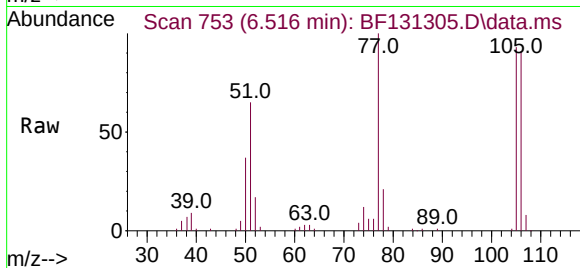
#9
Benzaldehyde
Concen: 9.750 ng
RT: 6.516 min Scan# 753
Delta R.T. -0.006 min
Lab File: BF131305.D
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ClientSampleId :
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Tgt Ion: 77 Resp: 43592
Ion Ratio Lower Upper
77 100
105 92.5 72.5 112.5
106 91.4 67.7 107.7

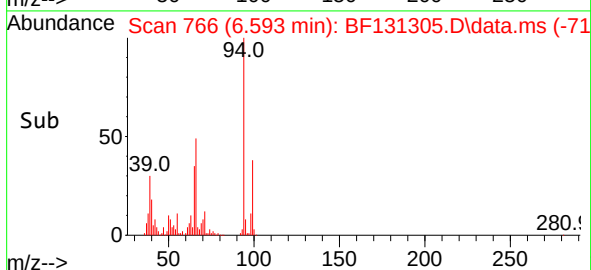
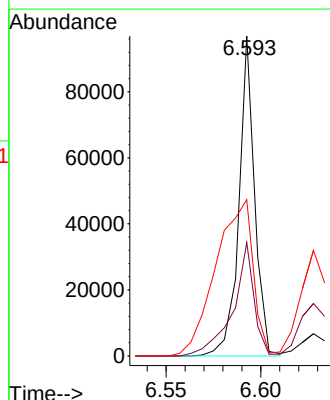
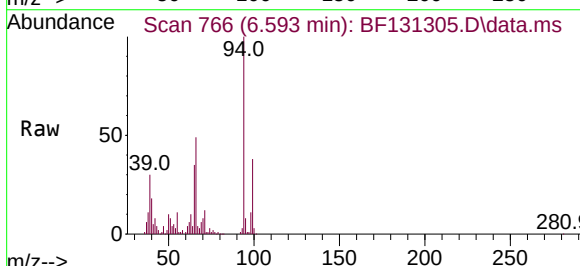
Manual Integrations
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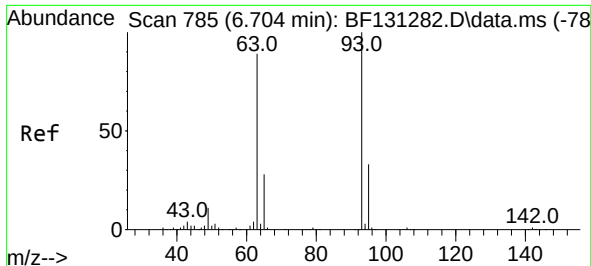
Reviewed By :Christian Giraldo 11/21/2022
Supervised By :Jagrut Upadhyay 11/21/2022



#10
Phenol
Concen: 8.215 ng
RT: 6.593 min Scan# 766
Delta R.T. -0.006 min
Lab File: BF131305.D
Acq: 18 Nov 2022 19:17

Tgt Ion: 94 Resp: 55995
Ion Ratio Lower Upper
94 100
65 35.4 16.8 56.8
66 48.8 31.4 71.4





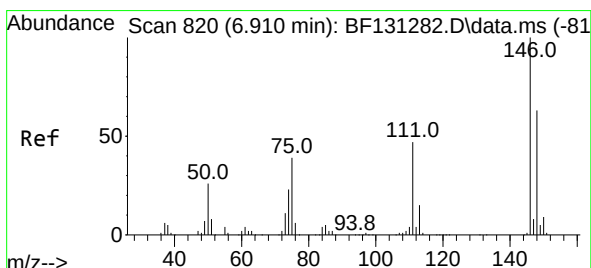
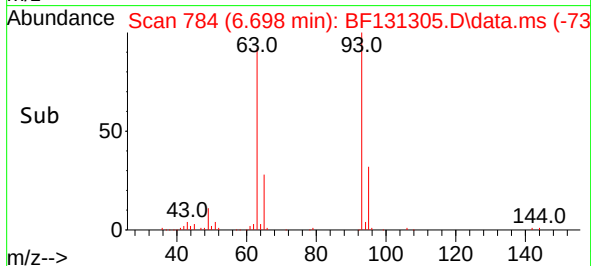
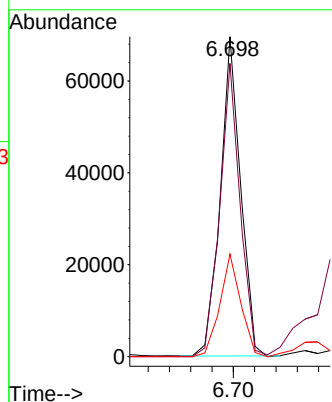
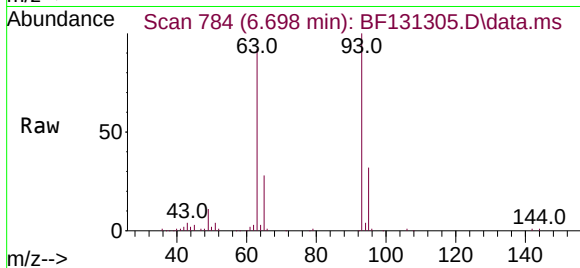
#11
bis(2-Chloroethyl)ether
Concen: 8.401 ng
RT: 6.698 min Scan# 785
Delta R.T. -0.006 min
Lab File: BF131305.D
Acq: 18 Nov 2022 19:17

Instrument : BNA_F
ClientSampleId : LOD-MDL-WATER-01-QT4-2022

Tgt Ion: 93 Resp: 46091
Ion Ratio Lower Upper
93 100
63 91.6 68.8 108.8
95 32.1 12.4 52.4

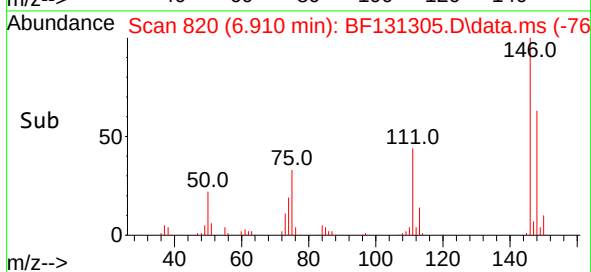
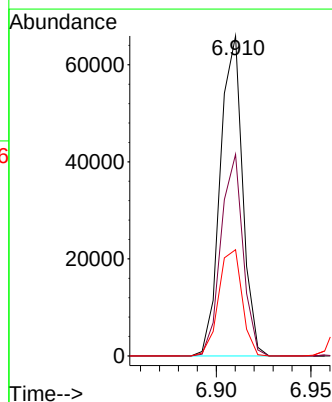
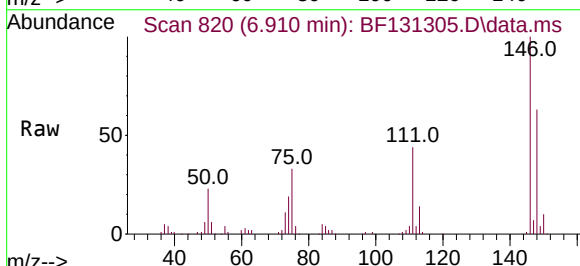
Manual Integrations
APPROVED

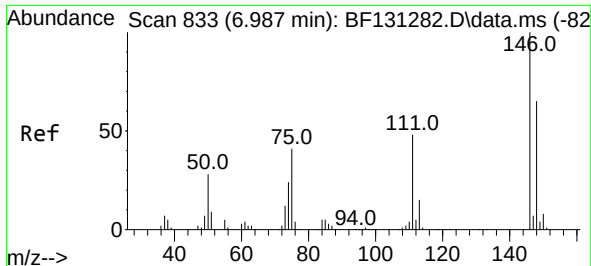
Reviewed By :Christian Giraldo 11/21/2022
Supervised By :Jagrut Upadhyay 11/21/2022



#12
1,3-Dichlorobenzene
Concen: 8.422 ng
RT: 6.910 min Scan# 820
Delta R.T. -0.000 min
Lab File: BF131305.D
Acq: 18 Nov 2022 19:17

Tgt Ion:146 Resp: 53880
Ion Ratio Lower Upper
146 100
148 63.0 50.4 75.6
75 33.2 30.9 46.3





#13

1,4-Dichlorobenzene

Concen: 8.377 ng

RT: 6.987 min Scan# 841

Delta R.T. -0.000 min

Lab File: BF131305.D

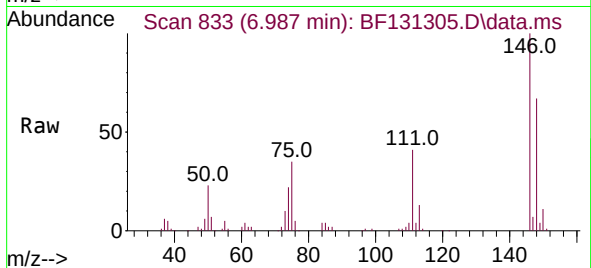
Acq: 18 Nov 2022 19:17

Instrument :

BNA_F

ClientSampleId :

LOD-MDL-WATER-01-QT4-2022

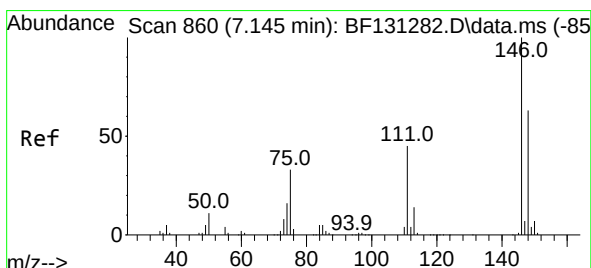
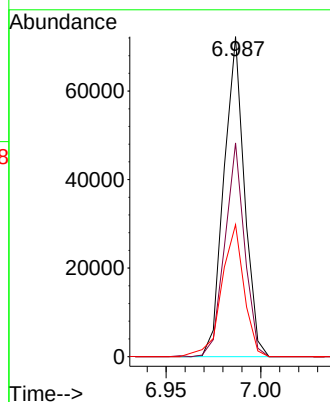
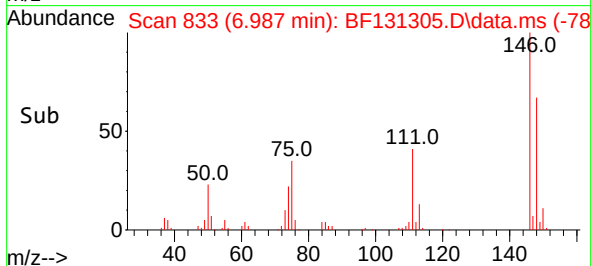


Tgt Ion:146	Resp:	54488
Ion Ratio	Lower	Upper
146	100	
148	66.8	51.9 77.9
111	41.2	38.3 57.5

Manual Integrations

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Reviewed By :Christian Giraldo 11/21/2022
Supervised By :Jagrut Upadhyay 11/21/2022



#14

1,2-Dichlorobenzene

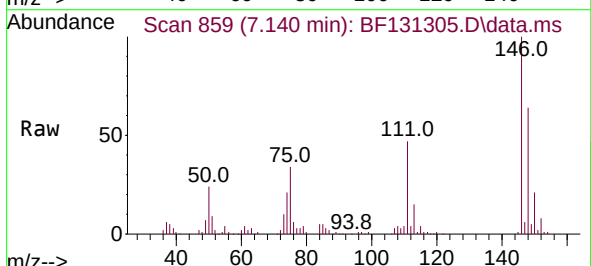
Concen: 8.455 ng

RT: 7.140 min Scan# 859

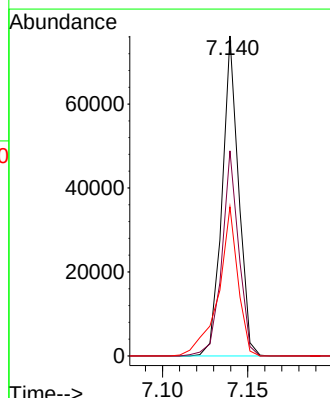
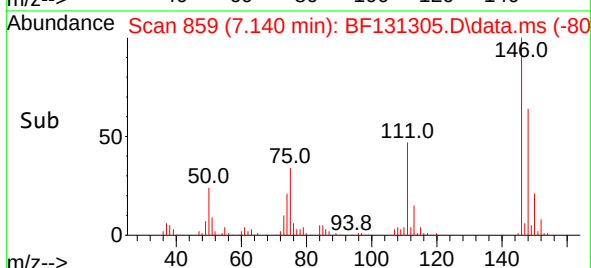
Delta R.T. -0.006 min

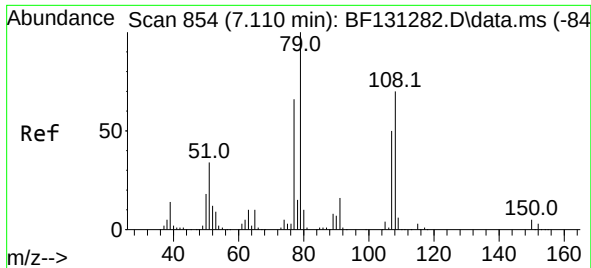
Lab File: BF131305.D

Acq: 18 Nov 2022 19:17



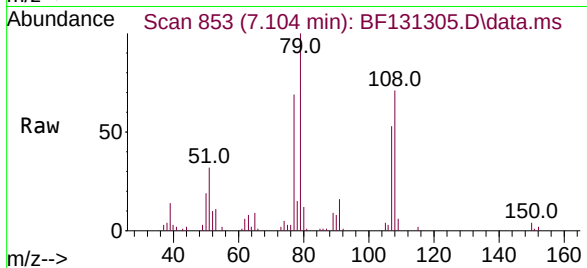
Tgt Ion:146	Resp:	51189
Ion Ratio	Lower	Upper
146	100	
148	64.1	50.6 75.8
111	46.6	36.4 54.6





#15
Benzyl Alcohol
Concen: 7.518 ng m
RT: 7.104 min Scan# 854
Delta R.T. -0.006 min
Lab File: BF131305.D
Acq: 18 Nov 2022 19:17

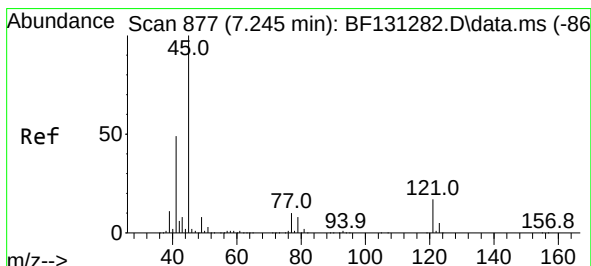
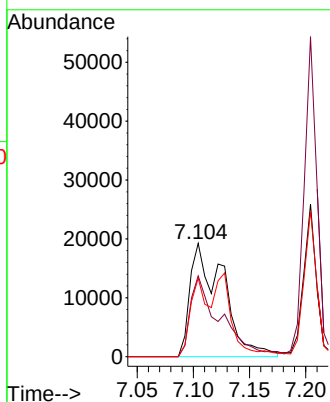
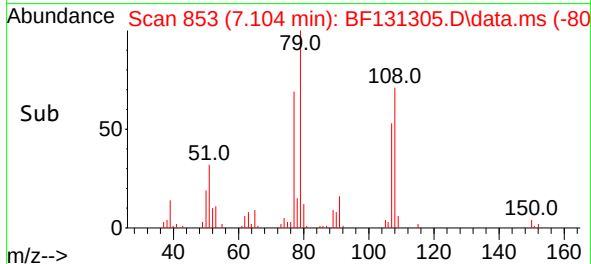
Instrument :
BNA_F
ClientSampleId :
LOD-MDL-WATER-01-QT4-2022



Tgt Ion: 79 Resp: 39436
Ion Ratio Lower Upper
79 100
108 71.3 56.3 84.5
77 69.3 52.5 78.7

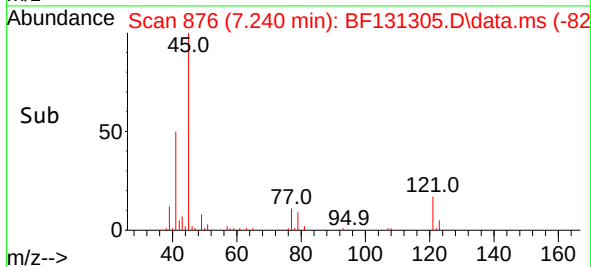
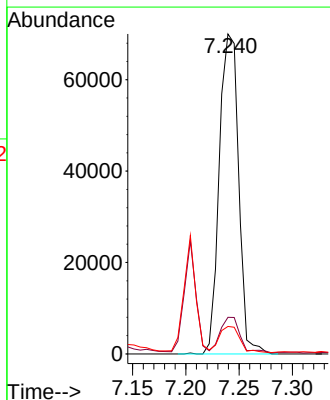
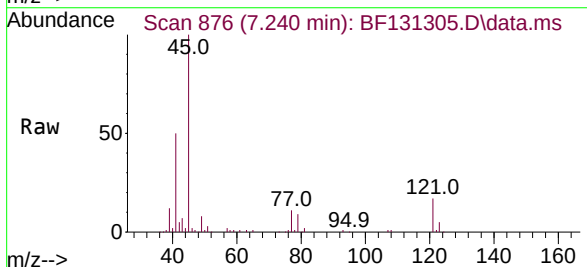
Manual Integrations
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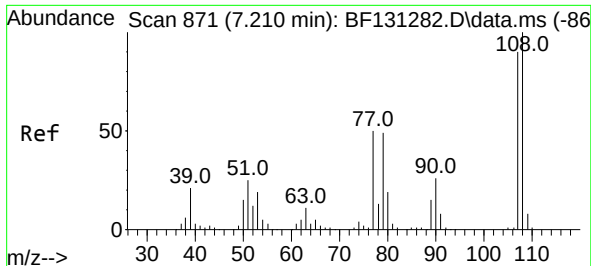
Reviewed By :Christian Giraldo 11/21/2022
Supervised By :Jagrut Upadhyay 11/21/2022



#16
2,2'-oxybis(1-Chloropropane)
Concen: 8.536 ng
RT: 7.240 min Scan# 876
Delta R.T. -0.006 min
Lab File: BF131305.D
Acq: 18 Nov 2022 19:17

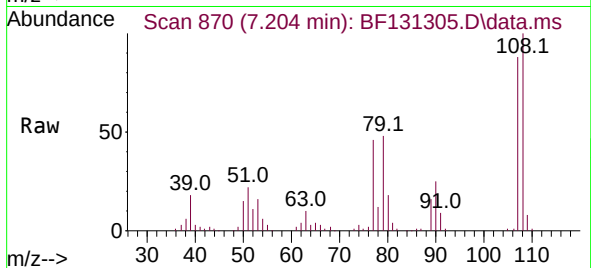
Tgt Ion: 45 Resp: 88677
Ion Ratio Lower Upper
45 100
77 11.4 0.0 30.8
79 8.6 0.0 28.4





#17
2-Methylphenol
Concen: 7.922 ng
RT: 7.204 min Scan# 81
Delta R.T. -0.006 min
Lab File: BF131305.D
Acq: 18 Nov 2022 19:17

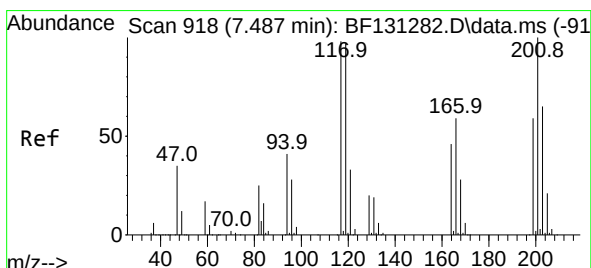
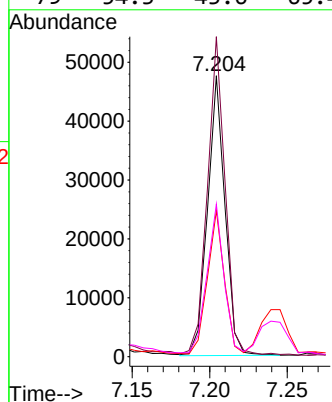
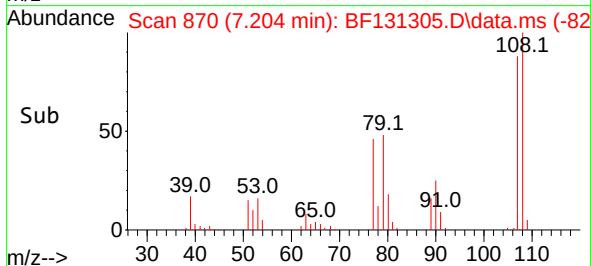
Instrument :
BNA_F
ClientSampleId :
LOD-MDL-WATER-01-QT4-2022



Tgt Ion:107 Resp: 3724
Ion Ratio Lower Upper
107 100
108 114.0 89.2 133.8
77 52.0 45.0 67.4
79 54.3 43.6 65.4

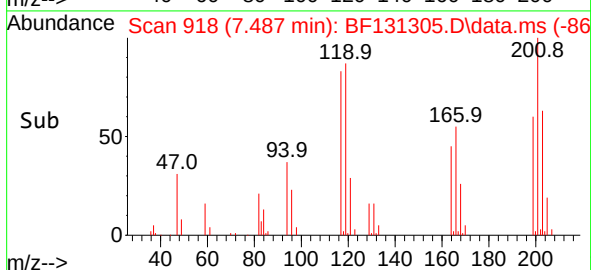
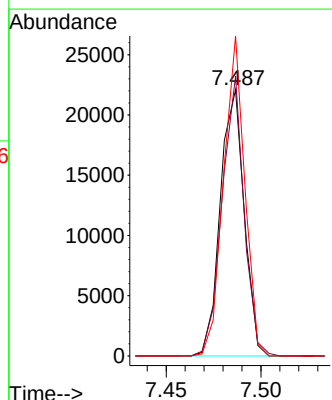
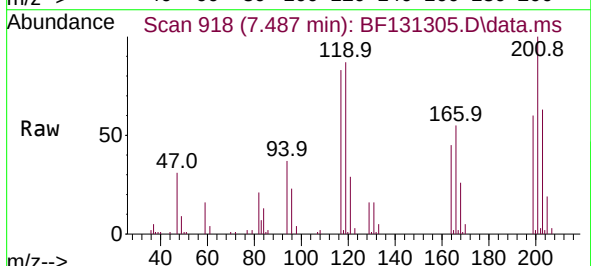
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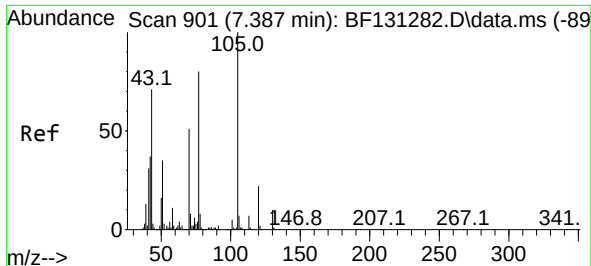
Reviewed By :Christian Giraldo 11/21/2022
Supervised By :Jagrut Upadhyay 11/21/2022



#18
Hexachloroethane
Concen: 8.339 ng
RT: 7.487 min Scan# 918
Delta R.T. -0.000 min
Lab File: BF131305.D
Acq: 18 Nov 2022 19:17

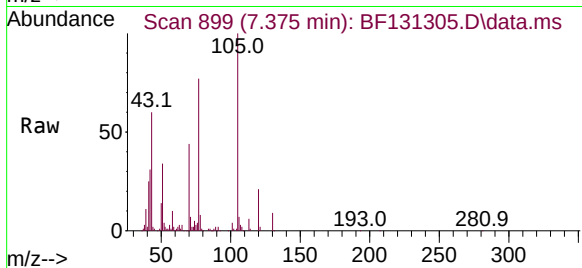
Tgt Ion:117 Resp: 19286
Ion Ratio Lower Upper
117 100
119 105.1 79.0 118.4
201 120.2 81.7 122.5





#19
n-Nitroso-di-n-propylamine
Concen: 8.245 ng
RT: 7.375 min Scan# 899
Delta R.T. -0.012 min
Lab File: BF131305.D
Acq: 18 Nov 2022 19:17

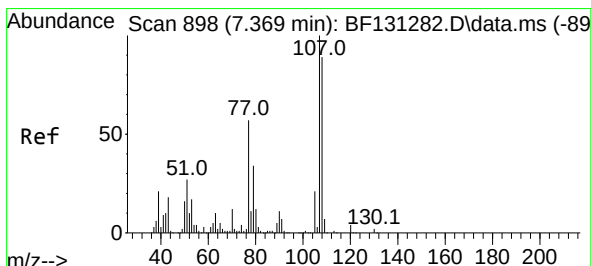
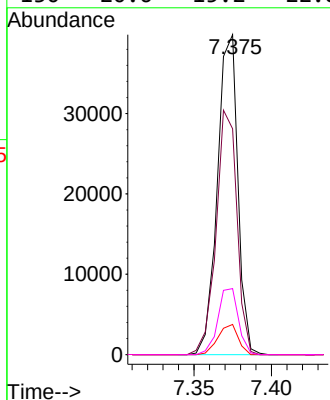
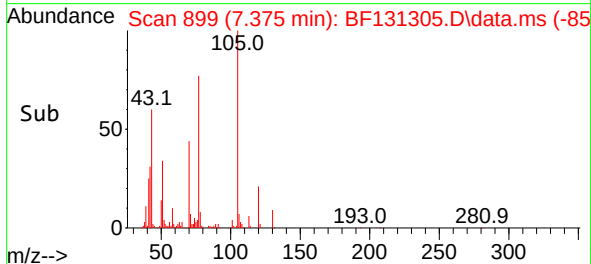
Instrument :
BNA_F
ClientSampleId :
LOD-MDL-WATER-01-QT4-2022



Tgt Ion: 70 Resp: 36523
Ion Ratio Lower Upper
70 100
42 70.6 58.9 88.3
101 9.4 7.2 10.8
130 20.6 15.2 22.8

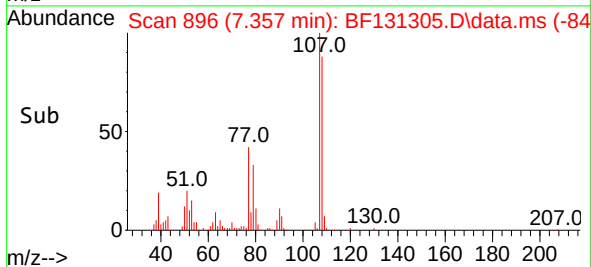
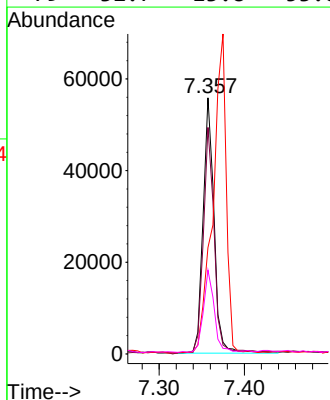
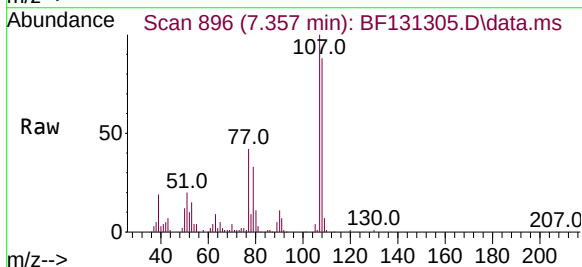
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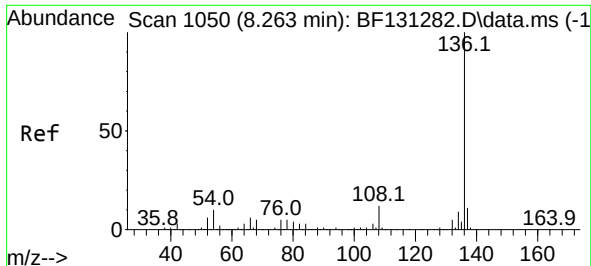
Reviewed By :Christian Giraldo 11/21/2022
Supervised By :Jagrut Upadhyay 11/21/2022



#20
3+4-Methylphenols
Concen: 8.318 ng
RT: 7.357 min Scan# 896
Delta R.T. -0.012 min
Lab File: BF131305.D
Acq: 18 Nov 2022 19:17

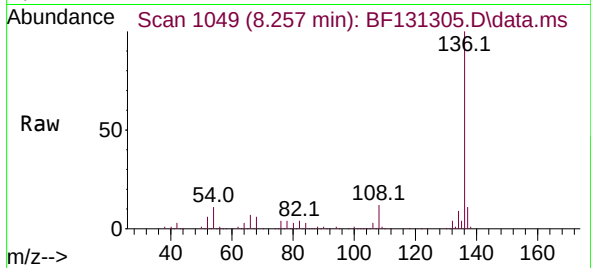
Tgt Ion:107 Resp: 49942
Ion Ratio Lower Upper
107 100
108 88.4 69.0 109.0
77 41.5 36.9 76.9
79 32.7 13.8 53.8





#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.257 min Scan# 1049
Delta R.T. -0.006 min
Lab File: BF131305.D
Acq: 18 Nov 2022 19:17

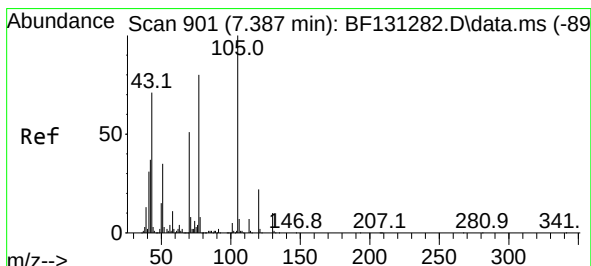
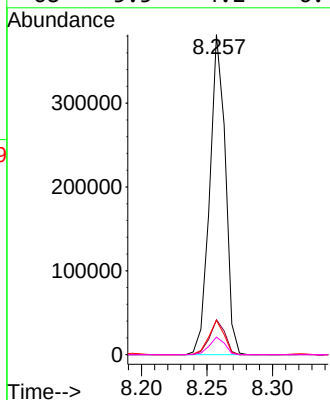
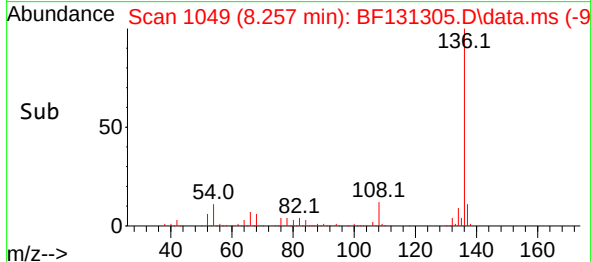
Instrument : BNA_F
ClientSampleId : LOD-MDL-WATER-01-QT4-2022



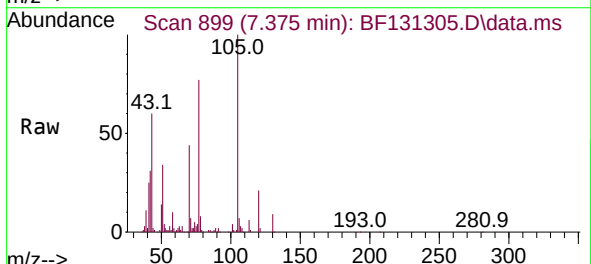
Tgt Ion:136 Resp: 315931
Ion Ratio Lower Upper
136 100
137 10.9 8.6 12.8
54 10.7 8.2 12.2
68 5.5 4.2 6.4

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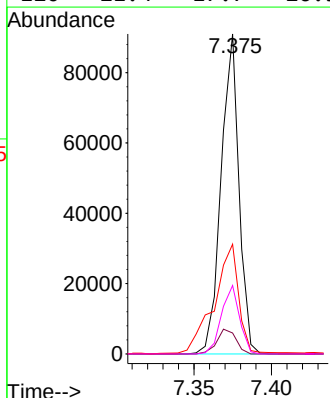
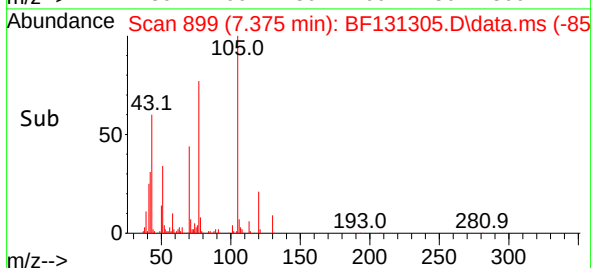
Reviewed By :Christian Giraldo 11/21/2022
Supervised By :Jagrut Upadhyay 11/21/2022

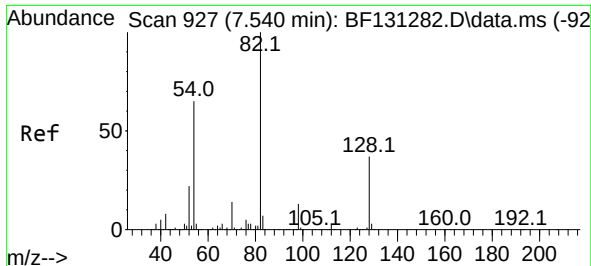


#22
Acetophenone
Concen: 8.716 ng
RT: 7.375 min Scan# 899
Delta R.T. -0.012 min
Lab File: BF131305.D
Acq: 18 Nov 2022 19:17



Tgt Ion:105 Resp: 72764
Ion Ratio Lower Upper
105 100
71 6.5 6.4 9.6
51 34.3 28.0 42.0
120 21.4 17.7 26.5





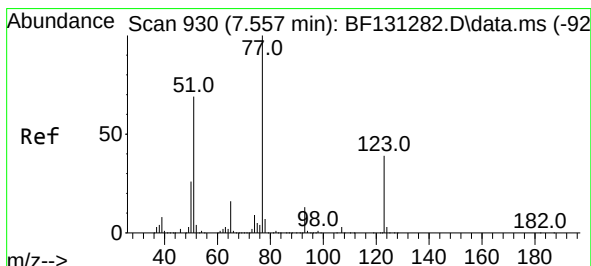
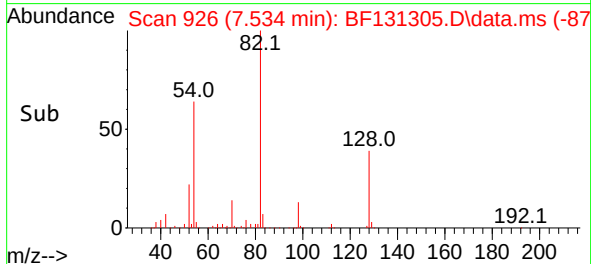
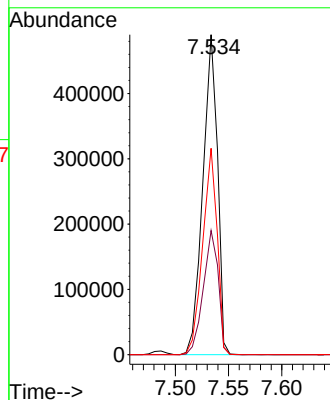
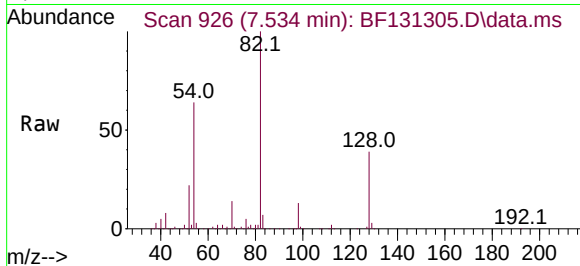
#23
Nitrobenzene-d5
Concen: 79.060 ng
RT: 7.534 min Scan# 91
Delta R.T. -0.006 min
Lab File: BF131305.D
Acq: 18 Nov 2022 19:17

Instrument :
BNA_F
ClientSampleId :
LOD-MDL-WATER-01-QT4-2022

Tgt Ion: 82 Resp: 467593
Ion Ratio Lower Upper
82 100
128 38.8 29.2 43.8
54 64.5 52.2 78.4

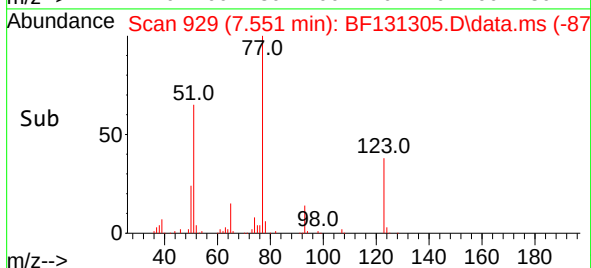
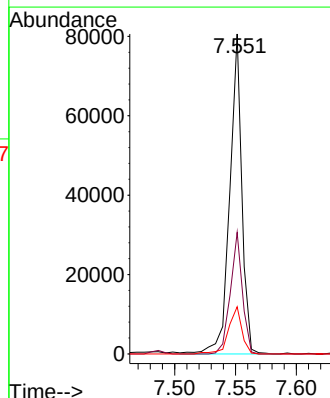
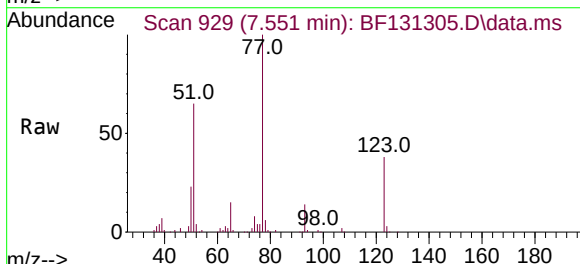
Manual Integrations
APPROVED

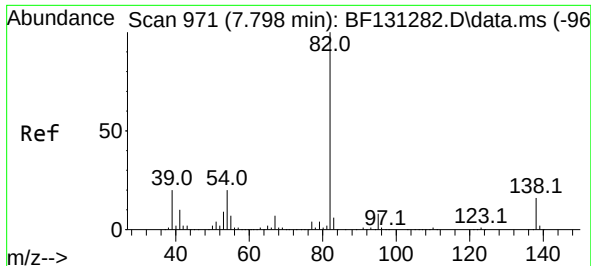
Reviewed By :Christian Giraldo 11/21/2022
Supervised By :Jagrut Upadhyay 11/21/2022



#24
Nitrobenzene
Concen: 9.339 ng
RT: 7.551 min Scan# 929
Delta R.T. -0.006 min
Lab File: BF131305.D
Acq: 18 Nov 2022 19:17

Tgt Ion: 77 Resp: 55909
Ion Ratio Lower Upper
77 100
123 38.0 31.0 46.6
65 14.7 12.6 19.0





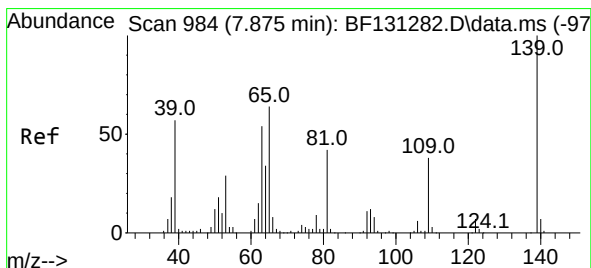
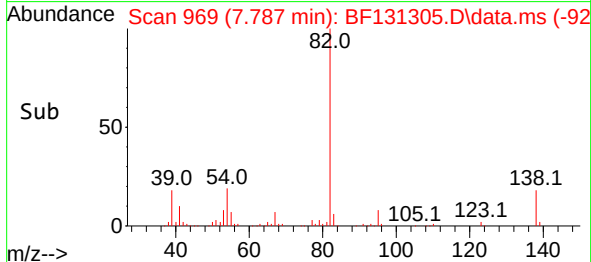
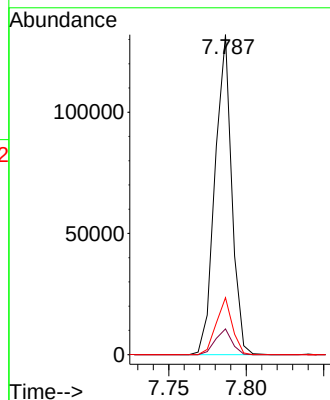
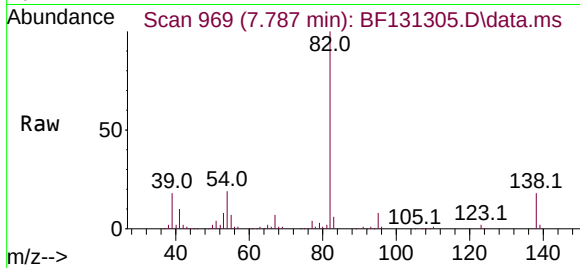
#25
Isophorone
Concen: 8.763 ng
RT: 7.787 min Scan# 90
Delta R.T. -0.011 min
Lab File: BF131305.D
Acq: 18 Nov 2022 19:17

Instrument :
BNA_F
ClientSampleId :
LOD-MDL-WATER-01-QT4-2022

Tgt Ion: 82 Resp: 98949
Ion Ratio Lower Upper
82 100
95 8.0 6.6 9.8
138 17.8 13.0 19.6

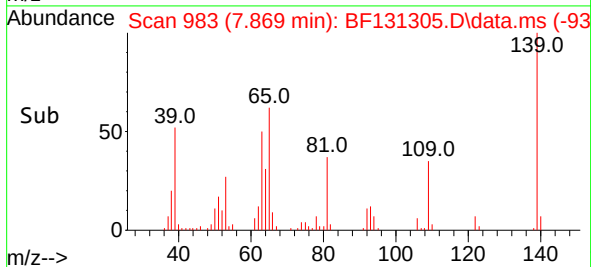
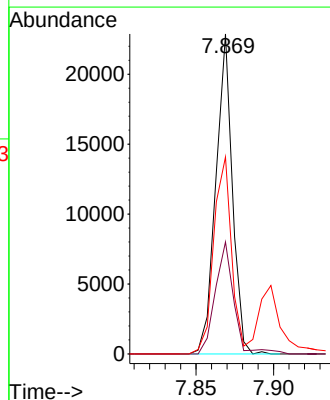
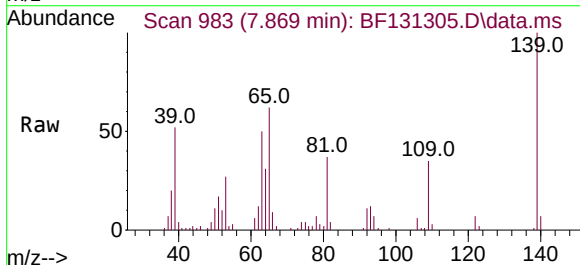
Manual Integrations
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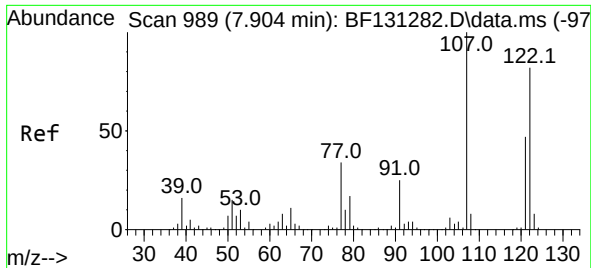
Reviewed By :Christian Giraldo 11/21/2022
Supervised By :Jagrut Upadhyay 11/21/2022



#26
2-Nitrophenol
Concen: 8.973 ng
RT: 7.869 min Scan# 983
Delta R.T. -0.006 min
Lab File: BF131305.D
Acq: 18 Nov 2022 19:17

Tgt Ion:139 Resp: 17013
Ion Ratio Lower Upper
139 100
109 35.0 30.4 45.6
65 61.5 51.5 77.3





#27

2,4-Dimethylphenol

Concen: 9.217 ng

RT: 7.898 min Scan# 98

Delta R.T. -0.006 min

Lab File: BF131305.D

Acq: 18 Nov 2022 19:17

Instrument :

BNA_F

ClientSampleId :

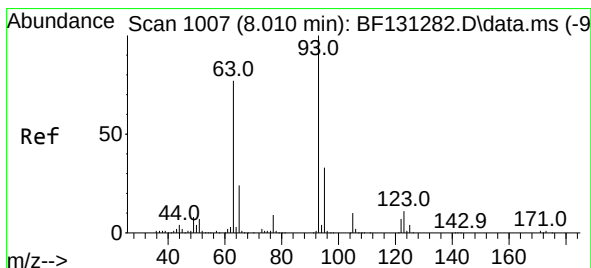
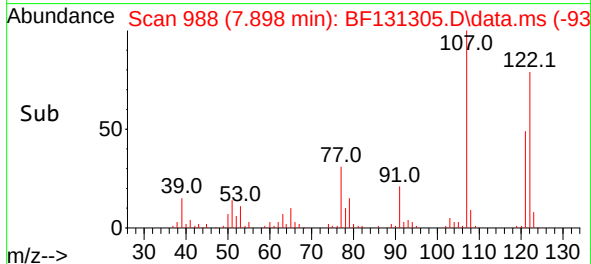
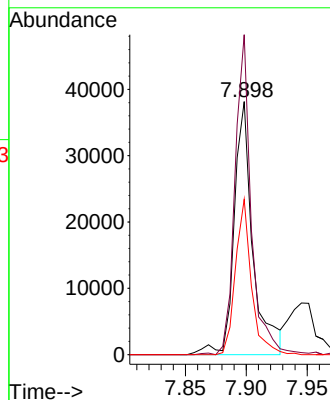
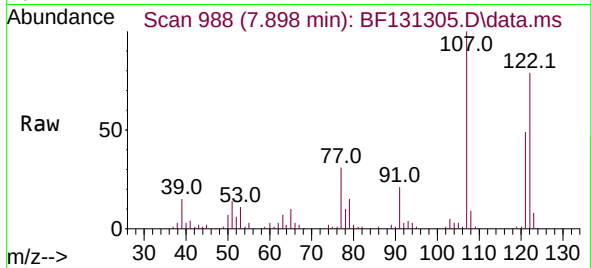
LOD-MDL-WATER-01-QT4-2022

Tgt Ion:	122	Resp:	4091
Ion Ratio	Lower	Upper	
122	100		
107	126.5	98.2	147.2
121	61.4	46.3	69.5

Manual Integrations

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Reviewed By :Christian Giraldo 11/21/2022
Supervised By :Jagrut Upadhyay 11/21/2022



#28

bis(2-Chloroethoxy)methane

Concen: 9.419 ng

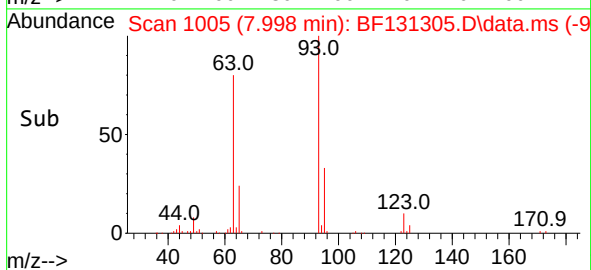
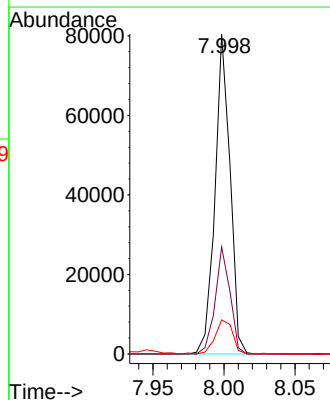
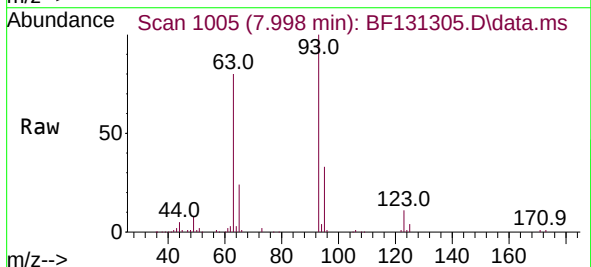
RT: 7.998 min Scan# 1005

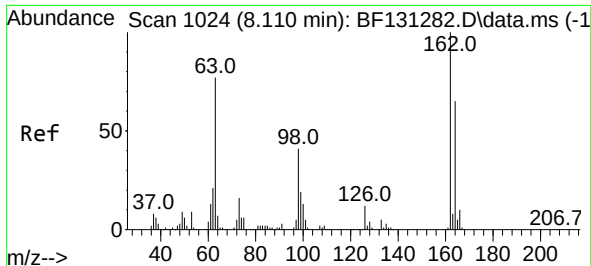
Delta R.T. -0.012 min

Lab File: BF131305.D

Acq: 18 Nov 2022 19:17

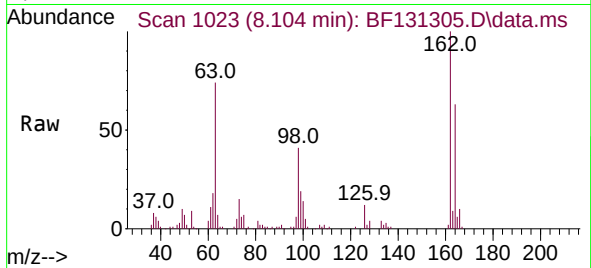
Tgt Ion:	93	Resp:	59405
Ion Ratio	Lower	Upper	
93	100		
95	33.4	26.4	39.6
123	10.6	9.3	13.9





#29
2,4-Dichlorophenol
Concen: 8.181 ng
RT: 8.104 min Scan# 1023
Delta R.T. -0.006 min
Lab File: BF131305.D
Acq: 18 Nov 2022 19:17

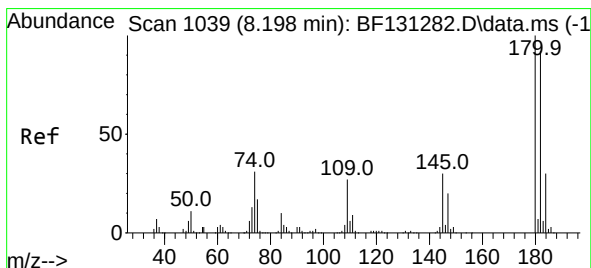
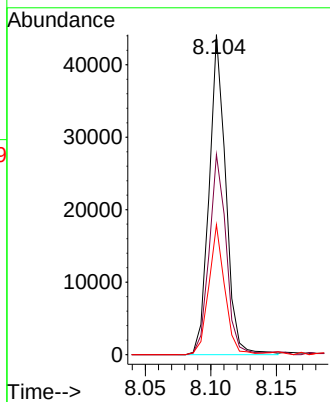
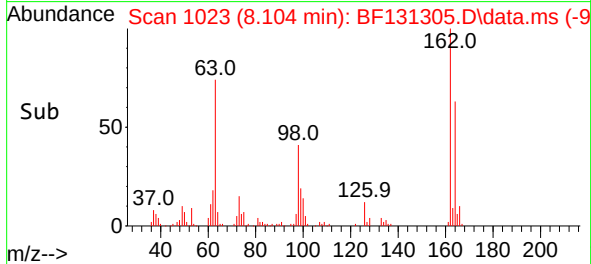
Instrument :
BNA_F
ClientSampleId :
LOD-MDL-WATER-01-QT4-2022



Tgt Ion:162 Resp: 38894
Ion Ratio Lower Upper
162 100
164 62.5 44.7 84.7
98 40.6 21.5 61.5

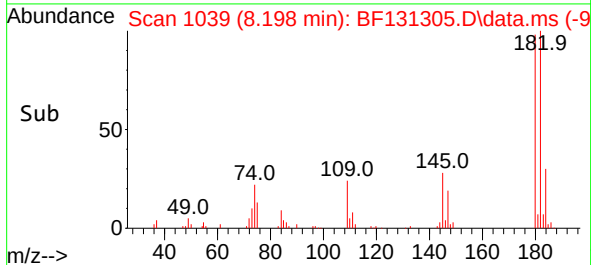
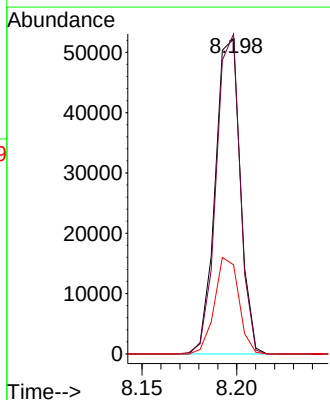
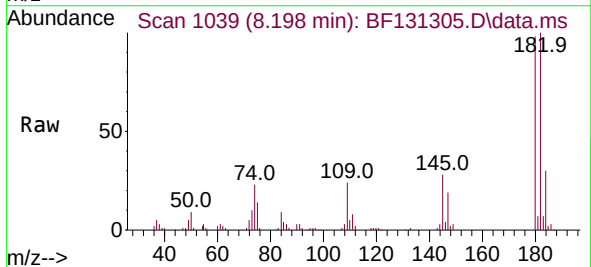
Manual Integrations
APPROVED

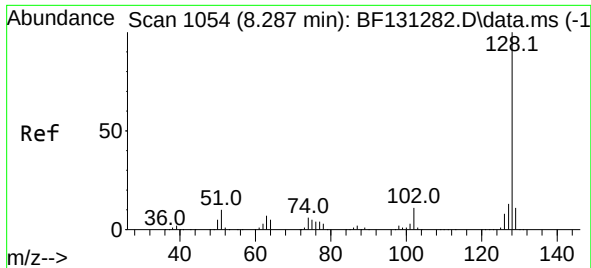
Reviewed By :Christian Giraldo 11/21/2022
Supervised By :Jagrut Upadhyay 11/21/2022



#30
1,2,4-Trichlorobenzene
Concen: 8.120 ng
RT: 8.198 min Scan# 1039
Delta R.T. 0.000 min
Lab File: BF131305.D
Acq: 18 Nov 2022 19:17

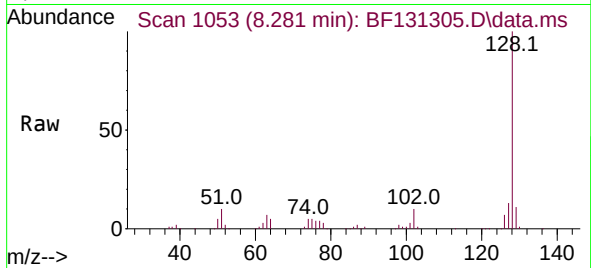
Tgt Ion:180 Resp: 47931
Ion Ratio Lower Upper
180 100
182 101.6 74.0 111.0
145 28.2 23.8 35.6





#31
Naphthalene
Concen: 8.372 ng
RT: 8.281 min Scan# 1053
Delta R.T. -0.006 min
Lab File: BF131305.D
Acq: 18 Nov 2022 19:17

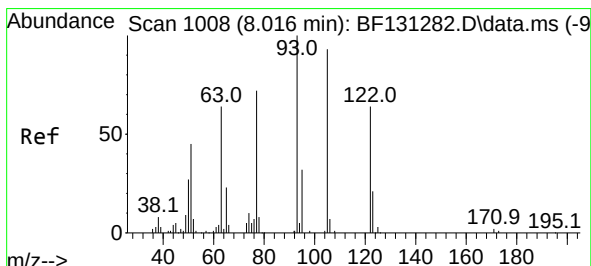
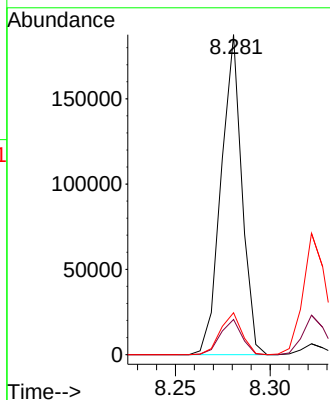
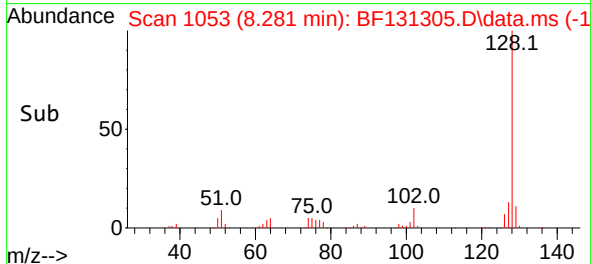
Instrument : BNA_F
ClientSampleId :
LOD-MDL-WATER-01-QT4-2022



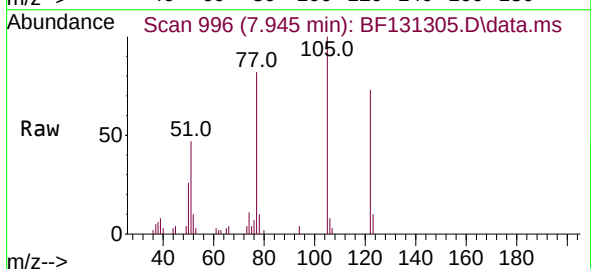
Tgt Ion:128 Resp: 143420
Ion Ratio Lower Upper
128 100
129 11.0 8.6 13.0
127 13.1 10.6 16.0

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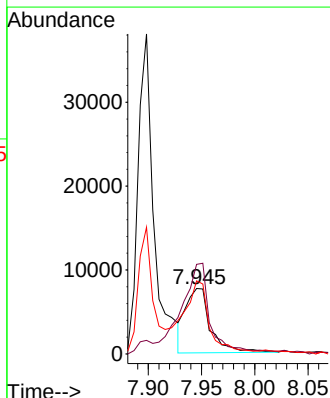
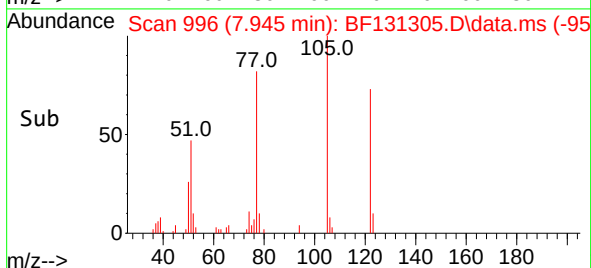
Reviewed By :Christian Giraldo 11/21/2022
Supervised By :Jagrut Upadhyay 11/21/2022

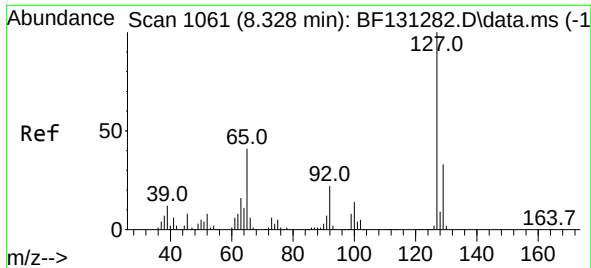


#32
Benzoic acid
Concen: 4.707 ng
RT: 7.945 min Scan# 996
Delta R.T. -0.071 min
Lab File: BF131305.D
Acq: 18 Nov 2022 19:17



Tgt Ion:122 Resp: 12501
Ion Ratio Lower Upper
122 100
105 137.0 121.4 161.4
77 111.8 91.2 131.2





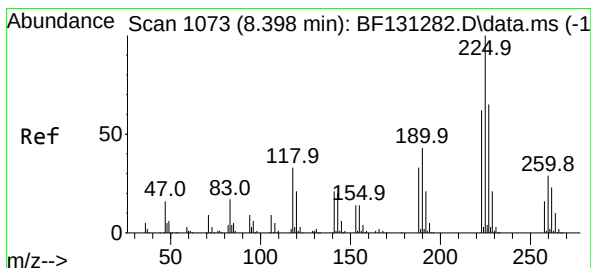
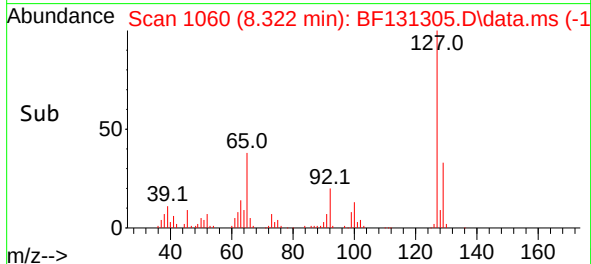
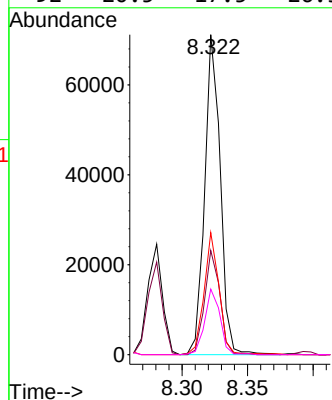
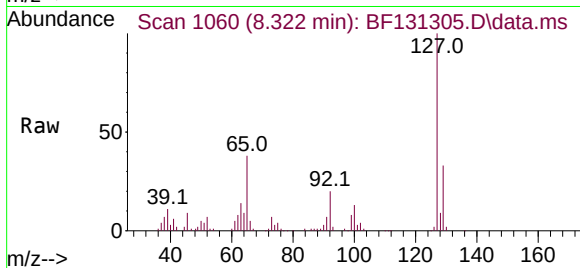
#33
4-Chloroaniline
Concen: 8.832 ng
RT: 8.322 min Scan# 1061
Delta R.T. -0.006 min
Lab File: BF131305.D
Acq: 18 Nov 2022 19:17

Instrument : BNA_F
ClientSampleId : LOD-MDL-WATER-01-QT4-2022

Tgt Ion:	127	Resp:	5877
Ion Ratio	Lower	Upper	
127	100		
129	32.5	26.6	40.0
65	38.1	33.2	49.8
92	20.5	17.5	26.3

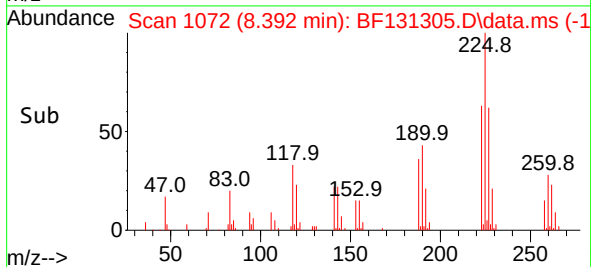
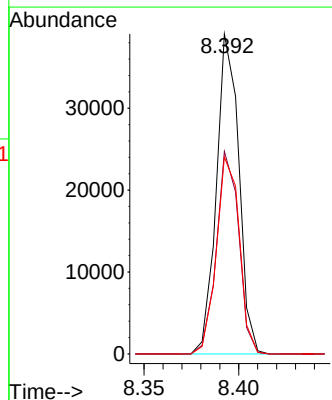
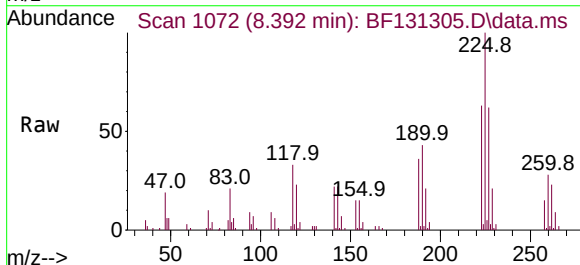
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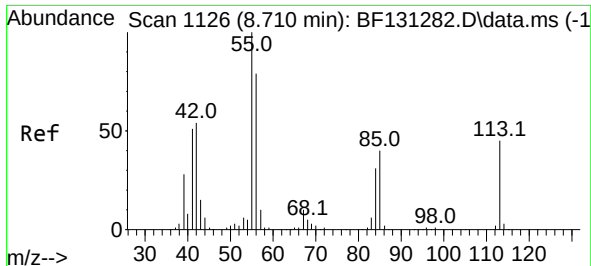
Reviewed By :Christian Giraldo 11/21/2022
Supervised By :Jagrut Upadhyay 11/21/2022



#34
Hexachlorobutadiene
Concen: 8.249 ng
RT: 8.392 min Scan# 1072
Delta R.T. -0.006 min
Lab File: BF131305.D
Acq: 18 Nov 2022 19:17

Tgt Ion:	225	Resp:	32178
Ion Ratio	Lower	Upper	
225	100		
223	63.3	49.4	74.2
227	61.5	51.7	77.5





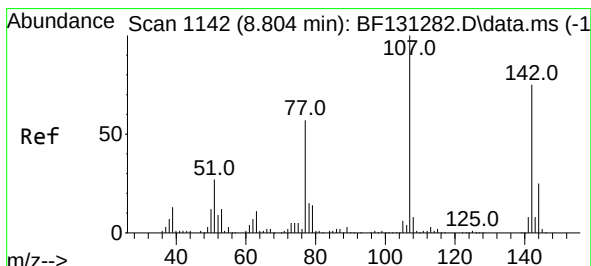
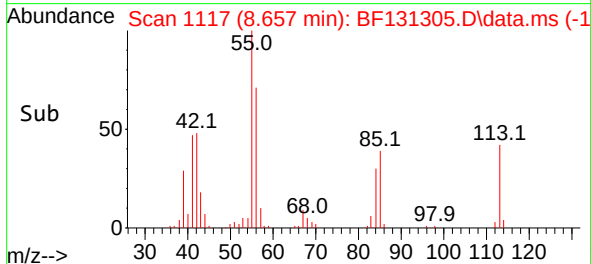
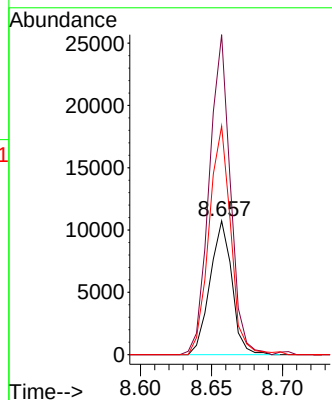
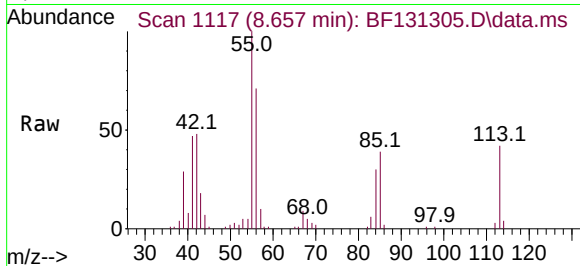
#35
 Caprolactam
 Concen: 8.655 ng
 RT: 8.657 min Scan# 1117
 Delta R.T. -0.053 min
 Lab File: BF131305.D
 Acq: 18 Nov 2022 19:17

Instrument :
 BNA_F
 ClientSampleId :
 LOD-MDL-WATER-01-QT4-2022

Tgt Ion:113 Resp: 1145
 Ion Ratio Lower Upper
 113 100
 55 239.5 200.6 240.6
 56 171.0 154.5 194.5

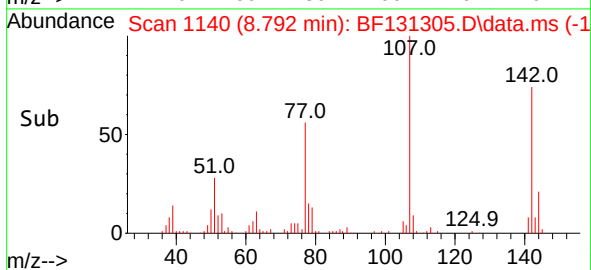
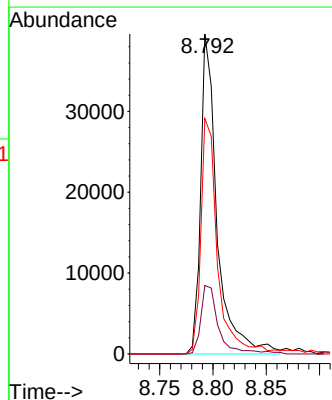
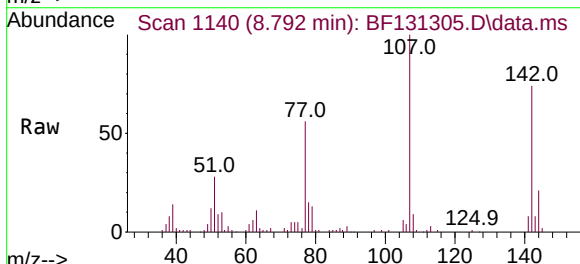
Manual Integrations
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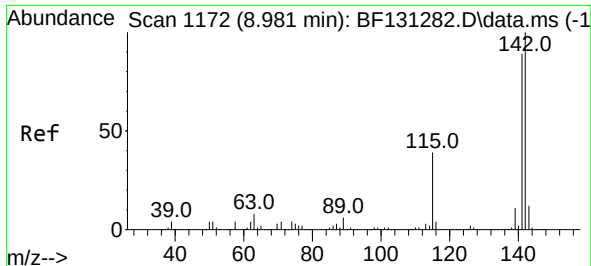
Reviewed By :Christian Giraldo 11/21/2022
 Supervised By :Jagrut Upadhyay 11/21/2022



#36
 4-Chloro-3-methylphenol
 Concen: 8.276 ng
 RT: 8.792 min Scan# 1140
 Delta R.T. -0.012 min
 Lab File: BF131305.D
 Acq: 18 Nov 2022 19:17

Tgt Ion:107 Resp: 42410
 Ion Ratio Lower Upper
 107 100
 144 21.4 19.6 29.4
 142 73.5 60.1 90.1





#37

2-Methylnaphthalene

Concen: 8.607 ng

RT: 8.975 min Scan# 1171

Delta R.T. -0.006 min

Lab File: BF131305.D

Acq: 18 Nov 2022 19:17

Instrument :

BNA_F

ClientSampleId :

LOD-MDL-WATER-01-QT4-2022

Tgt Ion:142 Resp: 99372

Ion Ratio Lower Upper

142 100

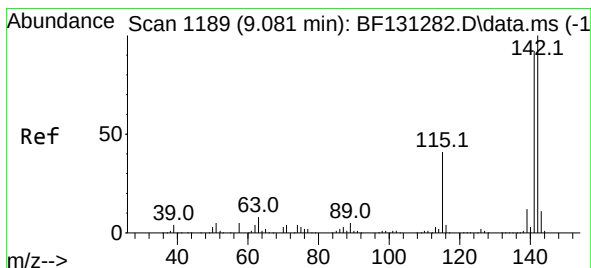
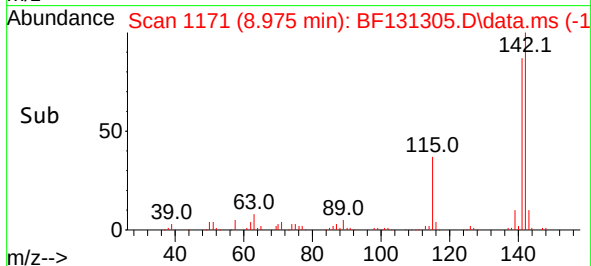
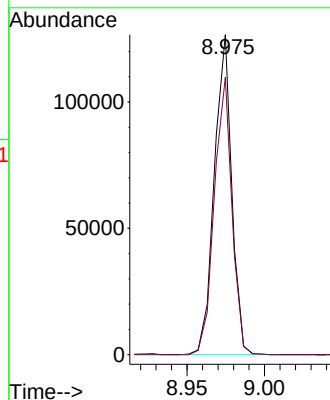
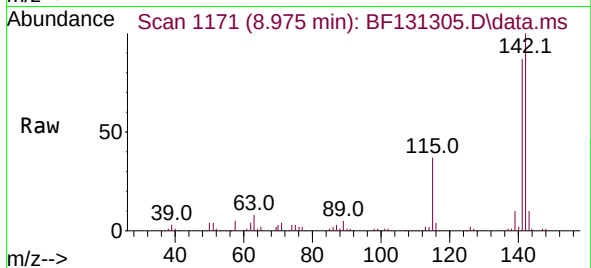
141 86.6 71.4 107.2

Manual Integrations

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Reviewed By :Christian Giraldo 11/21/2022

Supervised By :Jagrut Upadhyay 11/21/2022



#38

1-Methylnaphthalene

Concen: 8.340 ng

RT: 9.075 min Scan# 1188

Delta R.T. -0.006 min

Lab File: BF131305.D

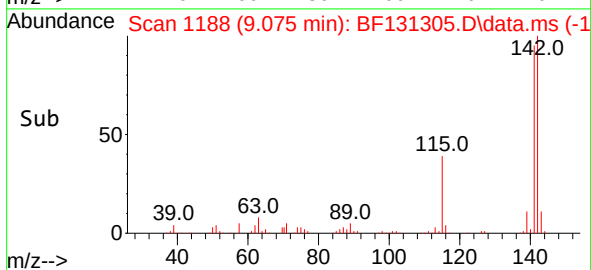
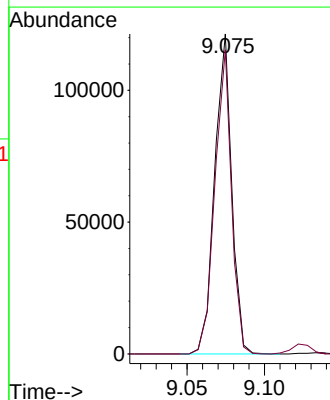
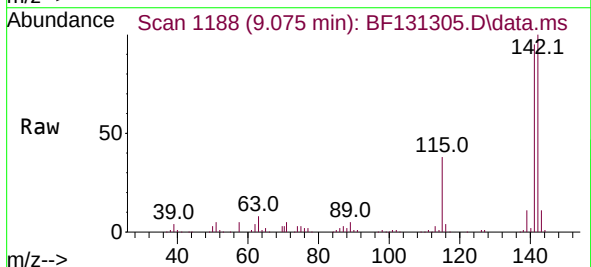
Acq: 18 Nov 2022 19:17

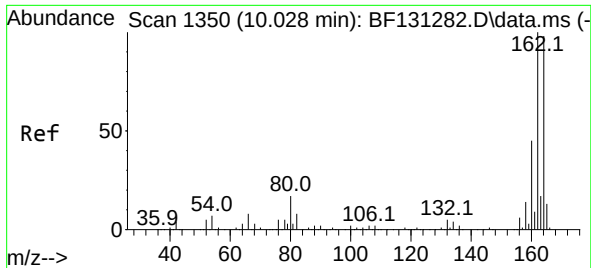
Tgt Ion:142 Resp: 93312

Ion Ratio Lower Upper

142 100

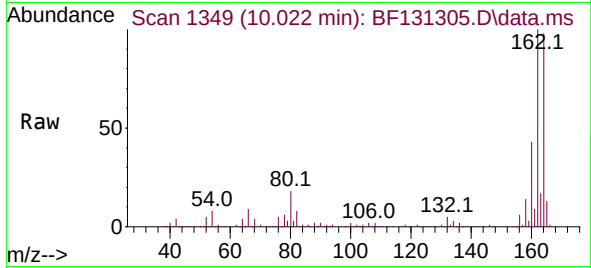
141 95.0 74.0 111.0





#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 10.022 min Scan# 1199
Delta R.T. -0.006 min
Lab File: BF131305.D
Acq: 18 Nov 2022 19:17

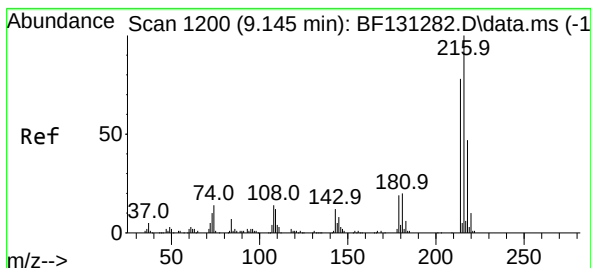
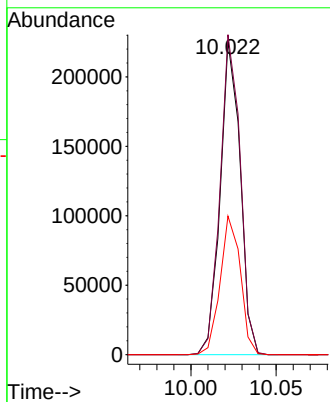
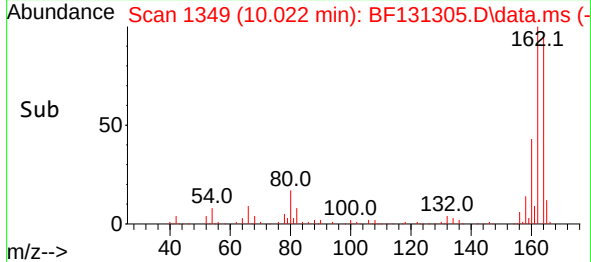
Instrument : BNA_F
ClientSampleId : LOD-MDL-WATER-01-QT4-2022



Tgt Ion:164 Resp: 183552
Ion Ratio Lower Upper
164 100
162 102.2 81.8 122.6
160 44.2 36.6 54.8

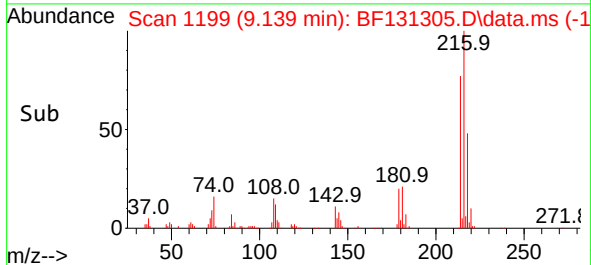
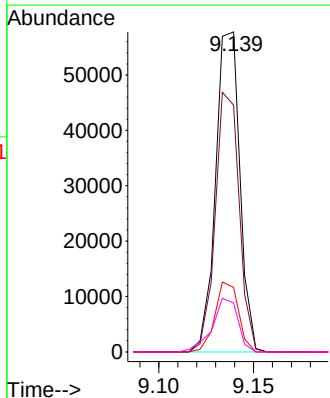
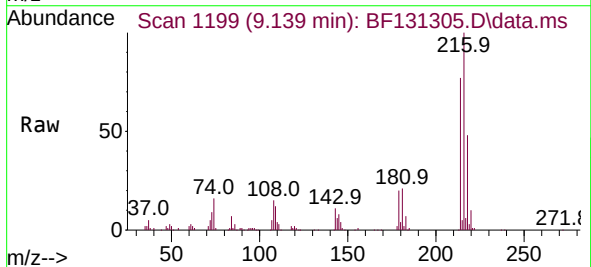
Manual Integrations
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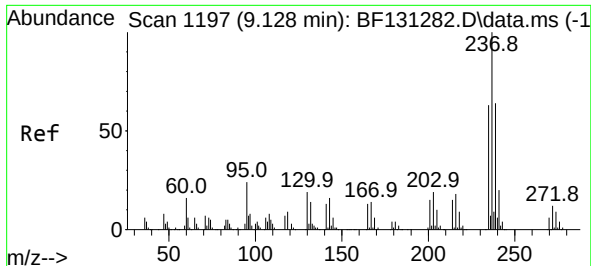
Reviewed By :Christian Giraldo 11/21/2022
Supervised By :Jagrut Upadhyay 11/21/2022



#40
1,2,4,5-Tetrachlorobenzene
Concen: 8.572 ng
RT: 9.139 min Scan# 1199
Delta R.T. -0.006 min
Lab File: BF131305.D
Acq: 18 Nov 2022 19:17

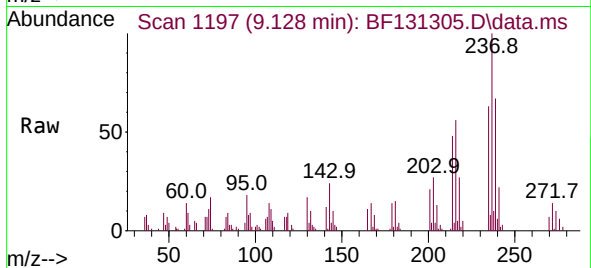
Tgt Ion:216 Resp: 51481
Ion Ratio Lower Upper
216 100
214 79.8 62.5 93.7
179 21.1 16.7 25.1
108 17.6 14.7 22.1





#41
Hexachlorocyclopentadiene
Concen: 8.556 ng
RT: 9.128 min Scan# 1197
Delta R.T. -0.000 min
Lab File: BF131305.D
Acq: 18 Nov 2022 19:17

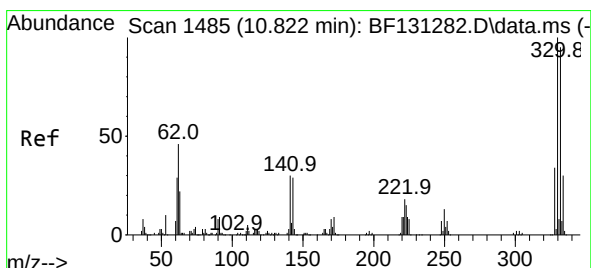
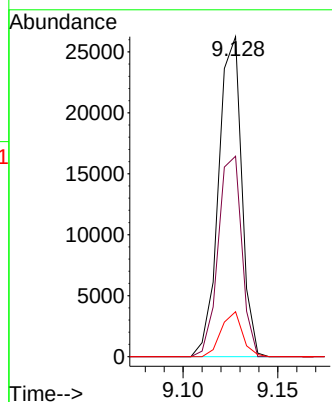
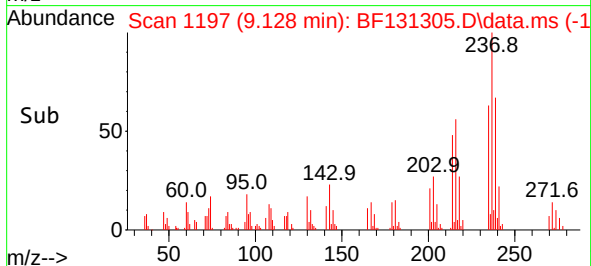
Instrument : BNA_F
ClientSampleId :
LOD-MDL-WATER-01-QT4-2022



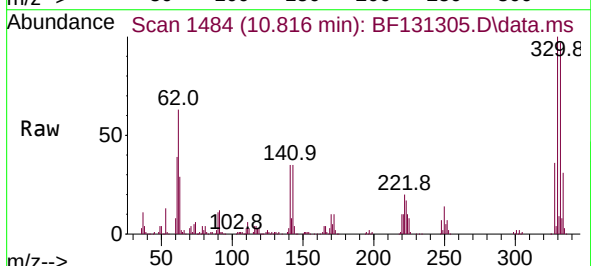
Tgt Ion: 237 Resp: 22230
Ion Ratio Lower Upper
237 100
235 62.6 42.7 82.7
272 14.0 0.0 31.6

Manual Integrations
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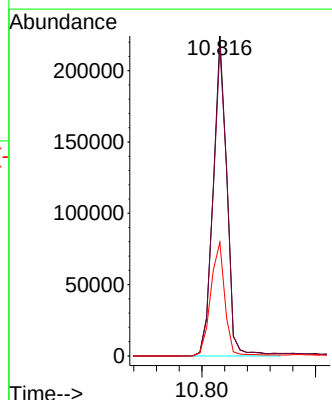
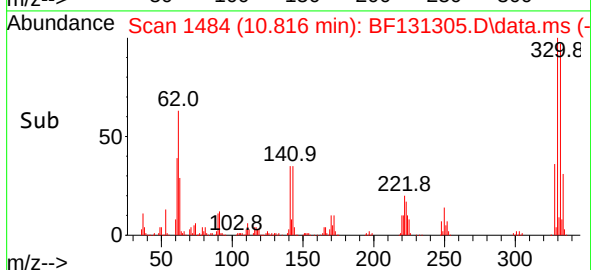
Reviewed By : Christian Giraldo 11/21/2022
Supervised By : Jagrut Upadhyay 11/21/2022

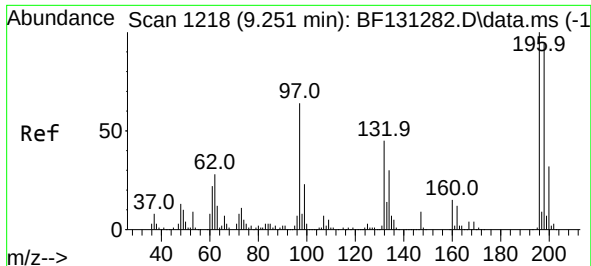


#42
2,4,6-Tribromophenol
Concen: 114.957 ng
RT: 10.816 min Scan# 1484
Delta R.T. -0.006 min
Lab File: BF131305.D
Acq: 18 Nov 2022 19:17



Tgt Ion: 330 Resp: 187837
Ion Ratio Lower Upper
330 100
332 97.9 75.4 113.0
141 37.2 30.0 45.0





#43

2,4,6-Trichlorophenol

Concen: 7.376 ng

RT: 9.245 min Scan# 1217

Delta R.T. -0.006 min

Lab File: BF131305.D

Acq: 18 Nov 2022 19:17

Instrument :

BNA_F

ClientSampleId :

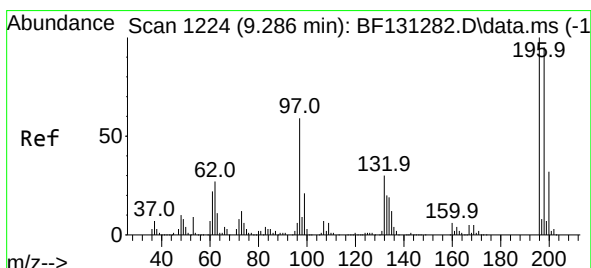
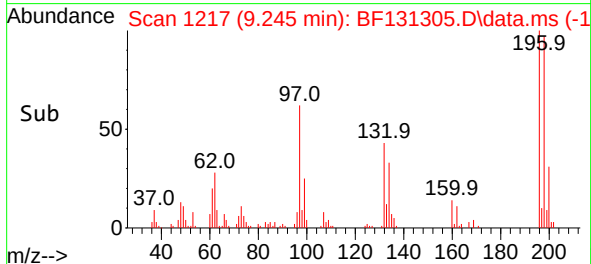
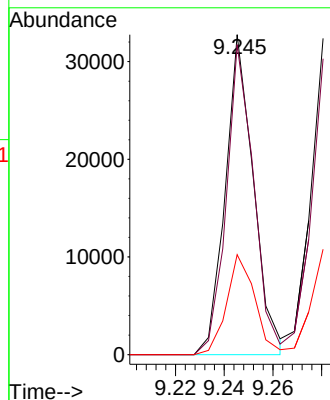
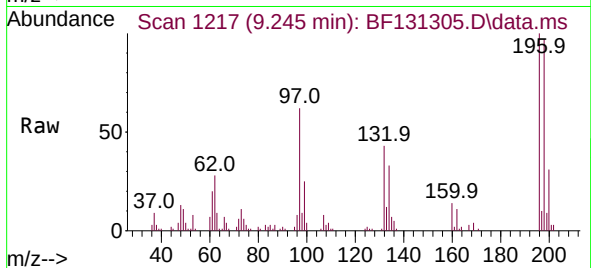
LOD-MDL-WATER-01-QT4-2022

Tgt Ion:196	Resp:	26339
Ion Ratio	Lower	Upper
196	100	
198	96.9	74.8 112.2
200	31.3	25.7 38.5

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 11/21/2022
Supervised By :Jagrut Upadhyay 11/21/2022



#44

2,4,5-Trichlorophenol

Concen: 8.235 ng

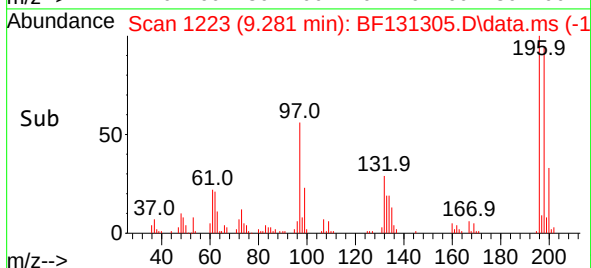
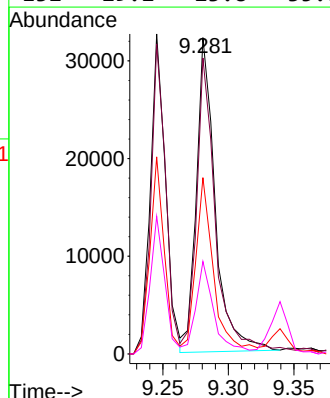
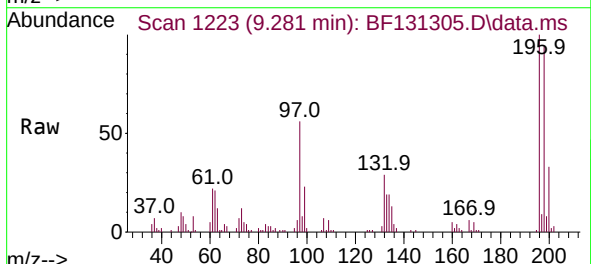
RT: 9.281 min Scan# 1223

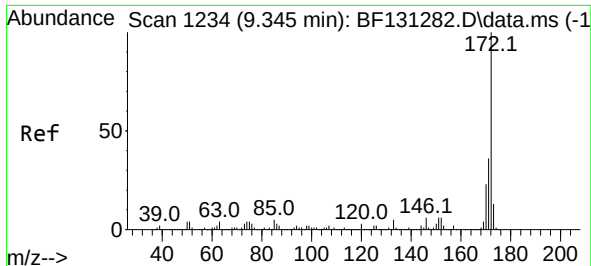
Delta R.T. -0.006 min

Lab File: BF131305.D

Acq: 18 Nov 2022 19:17

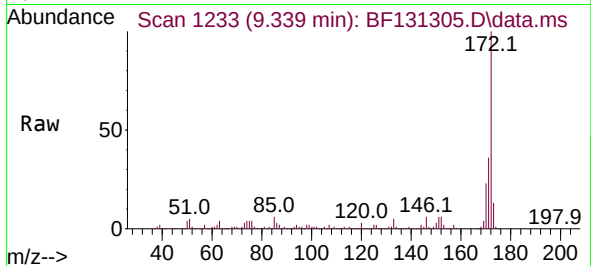
Tgt Ion:196	Resp:	32040
Ion Ratio	Lower	Upper
196	100	
198	93.6	75.6 113.4
97	55.7	47.4 71.0
132	29.2	23.8 35.8





#45
2-Fluorobiphenyl
Concen: 72.748 ng
RT: 9.339 min Scan# 1233
Delta R.T. -0.006 min
Lab File: BF131305.D
Acq: 18 Nov 2022 19:17

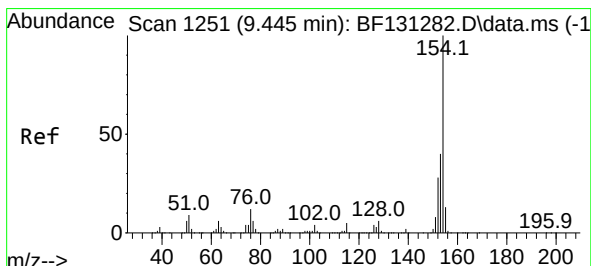
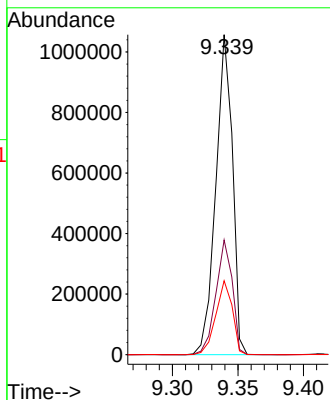
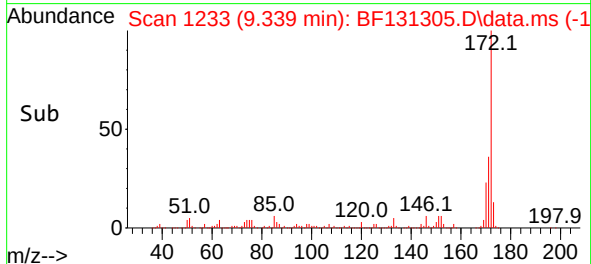
Instrument : BNA_F
ClientSampleId : LOD-MDL-WATER-01-QT4-2022



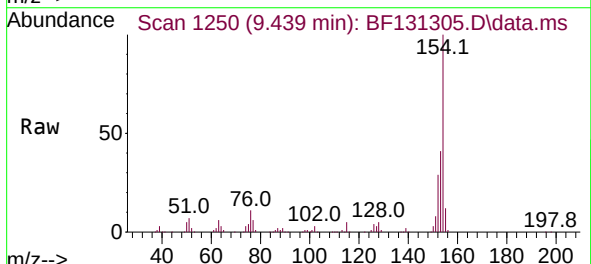
Tgt Ion:172 Resp: 934923
Ion Ratio Lower Upper
172 100
171 35.8 28.5 42.7
170 23.1 18.5 27.7

Manual Integrations
APPROVED

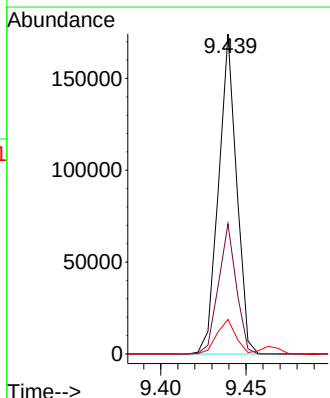
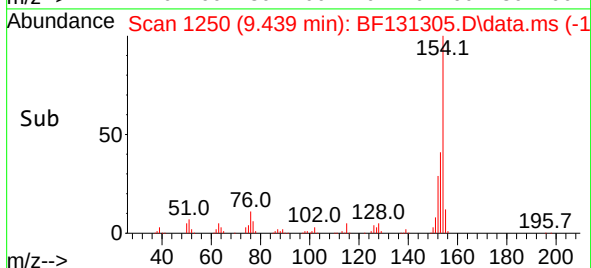
Reviewed By :Christian Giraldo 11/21/2022
Supervised By :Jagrut Upadhyay 11/21/2022

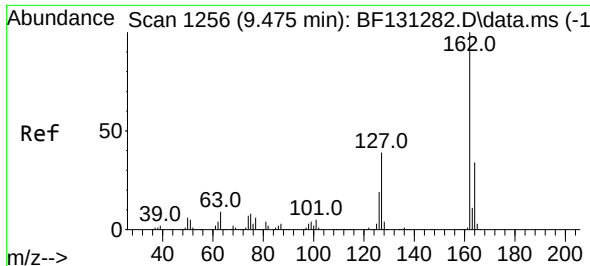


#46
1,1'-Biphenyl
Concen: 9.027 ng
RT: 9.439 min Scan# 1250
Delta R.T. -0.006 min
Lab File: BF131305.D
Acq: 18 Nov 2022 19:17



Tgt Ion:154 Resp: 127950
Ion Ratio Lower Upper
154 100
153 40.7 20.1 60.1
76 10.8 0.0 31.8





#47

2-Chloronaphthalene

Concen: 8.650 ng

RT: 9.463 min Scan# 1254

Delta R.T. -0.012 min

Lab File: BF131305.D

Acq: 18 Nov 2022 19:17

Instrument :

BNA_F

ClientSampleId :

LOD-MDL-WATER-01-QT4-2022

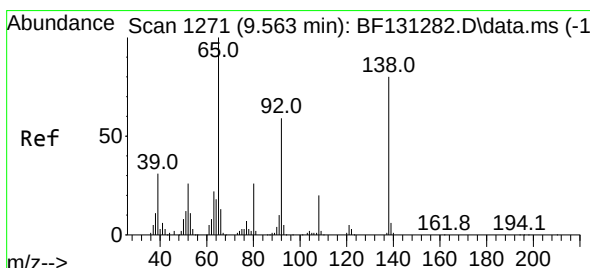
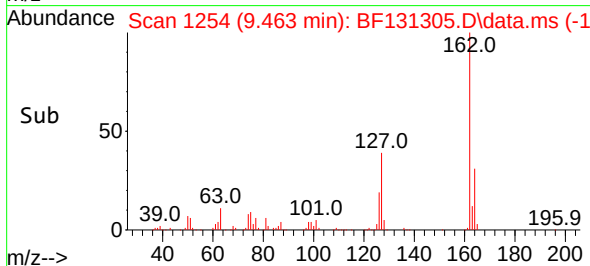
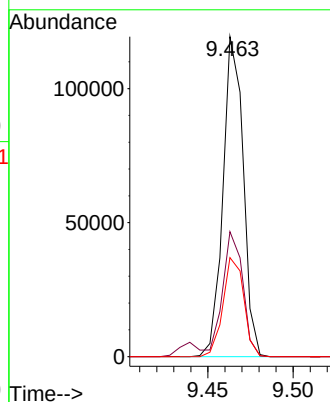
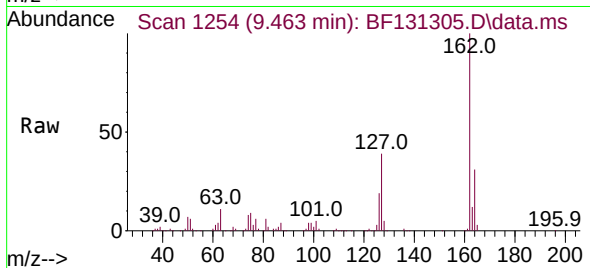
Tgt Ion:	162	Resp:	9843
Ion Ratio	Lower	Upper	
162	100		
127	39.0	31.1	46.7
164	30.9	26.9	40.3

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 11/21/2022

Supervised By :Jagrut Upadhyay 11/21/2022



#48

2-Nitroaniline

Concen: 8.302 ng

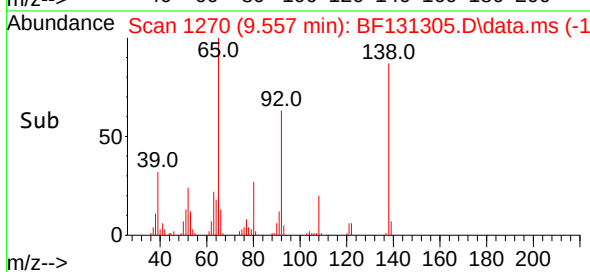
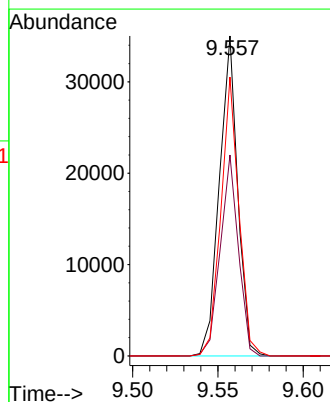
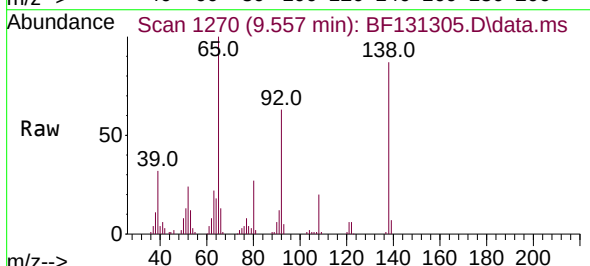
RT: 9.557 min Scan# 1270

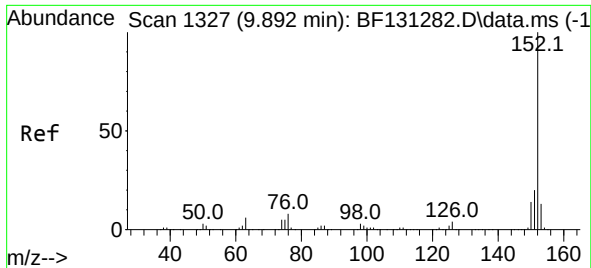
Delta R.T. -0.006 min

Lab File: BF131305.D

Acq: 18 Nov 2022 19:17

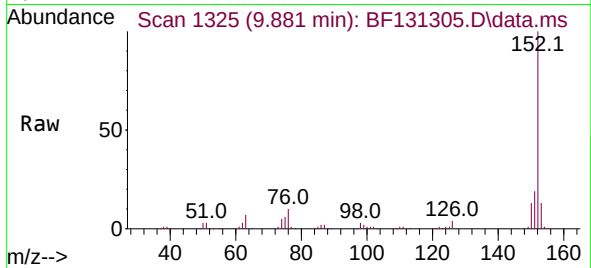
Tgt Ion:	65	Resp:	26114
Ion Ratio	Lower	Upper	
65	100		
92	62.8	47.2	70.8
138	87.1	64.2	96.4





#49
Acenaphthylene
Concen: 8.442 ng
RT: 9.881 min Scan# 1325
Delta R.T. -0.011 min
Lab File: BF131305.D
Acq: 18 Nov 2022 19:17

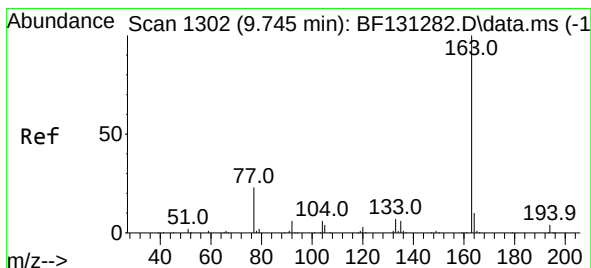
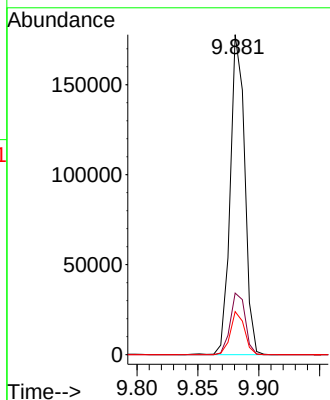
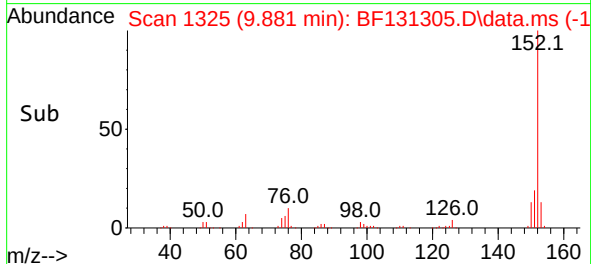
Instrument : BNA_F
ClientSampleId :
LOD-MDL-WATER-01-QT4-2022



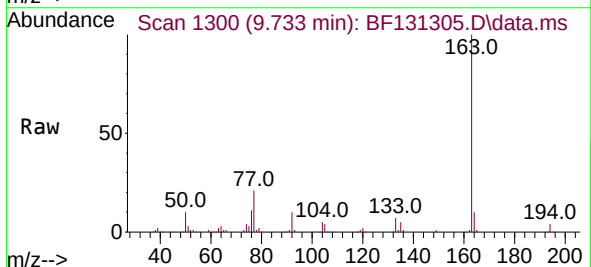
Tgt Ion:152 Resp: 146754
Ion Ratio Lower Upper
152 100
151 19.2 15.9 23.9
153 13.4 10.4 15.6

Manual Integrations
APPROVED

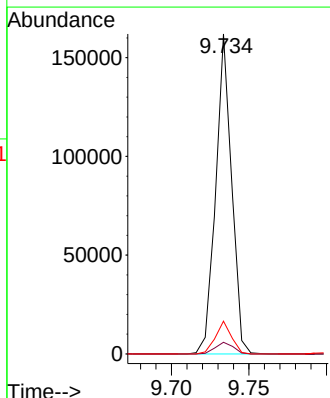
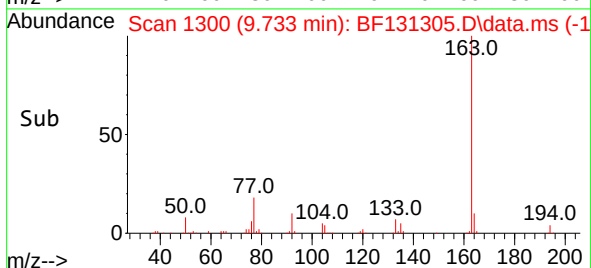
Reviewed By :Christian Giraldo 11/21/2022
Supervised By :Jagrut Upadhyay 11/21/2022

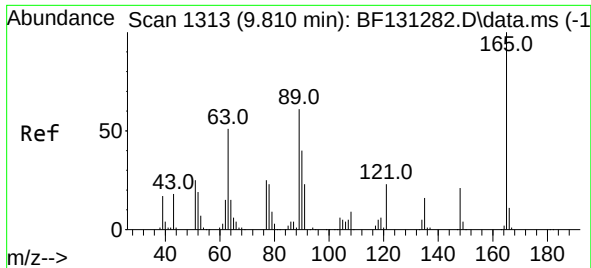


#50
Dimethylphthalate
Concen: 8.694 ng
RT: 9.733 min Scan# 1300
Delta R.T. -0.011 min
Lab File: BF131305.D
Acq: 18 Nov 2022 19:17



Tgt Ion:163 Resp: 115561
Ion Ratio Lower Upper
163 100
194 3.6 3.1 4.7
164 10.2 8.4 12.6





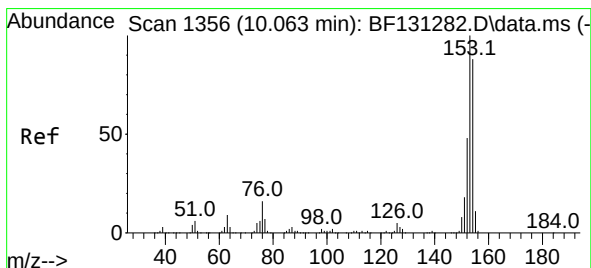
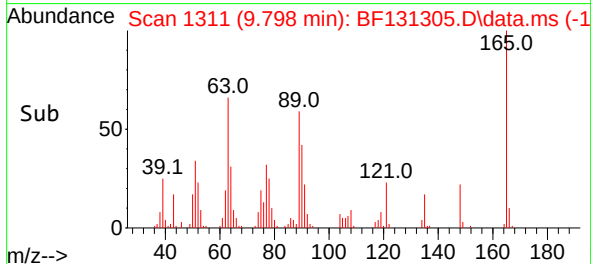
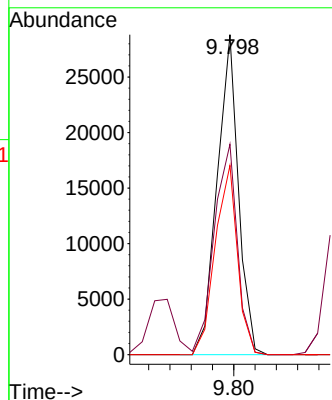
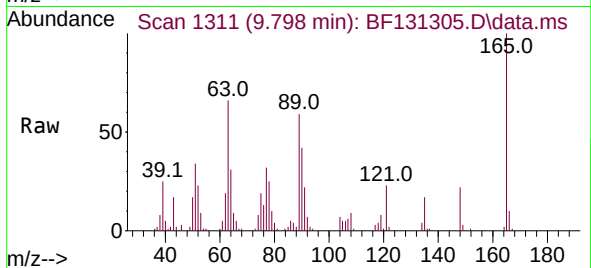
#51
2,6-Dinitrotoluene
Concen: 9.165 ng
RT: 9.798 min Scan# 1311
Delta R.T. -0.012 min
Lab File: BF131305.D
Acq: 18 Nov 2022 19:17

Instrument :
BNA_F
ClientSampleId :
LOD-MDL-WATER-01-QT4-2022

Tgt Ion:165 Resp: 20010
Ion Ratio Lower Upper
165 100
63 65.8 53.3 79.9
89 59.1 49.4 74.0

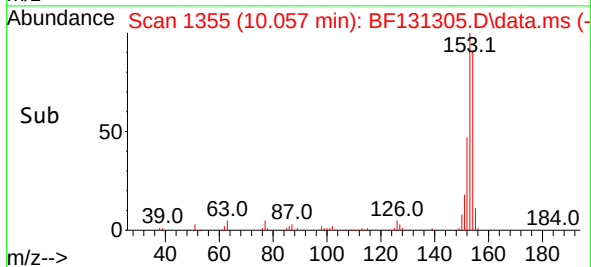
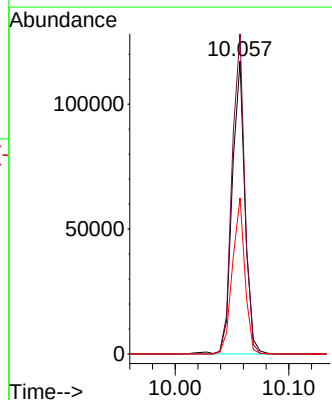
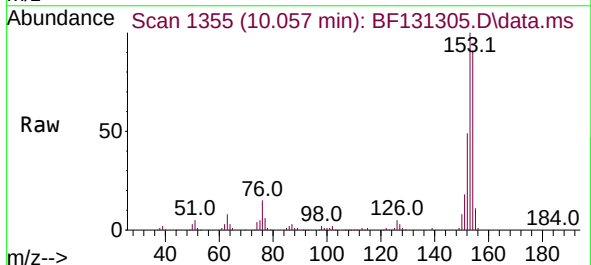
Manual Integrations
APPROVED

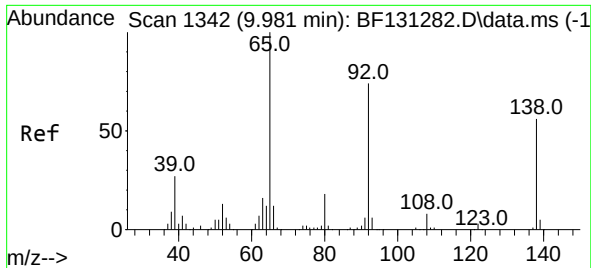
Reviewed By :Christian Giraldo 11/21/2022
Supervised By :Jagrut Upadhyay 11/21/2022



#52
Acenaphthene
Concen: 8.475 ng
RT: 10.057 min Scan# 1355
Delta R.T. -0.006 min
Lab File: BF131305.D
Acq: 18 Nov 2022 19:17

Tgt Ion:154 Resp: 91921
Ion Ratio Lower Upper
154 100
153 109.3 90.7 136.1
152 53.3 43.1 64.7





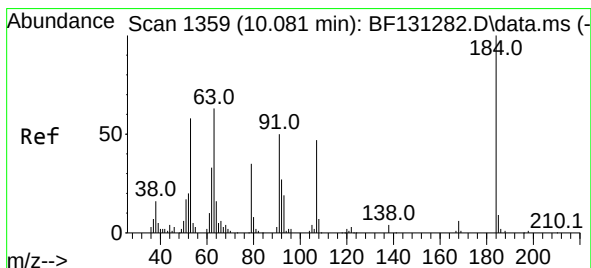
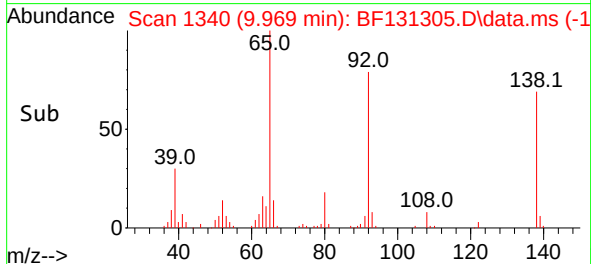
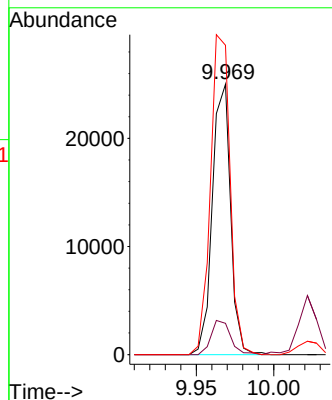
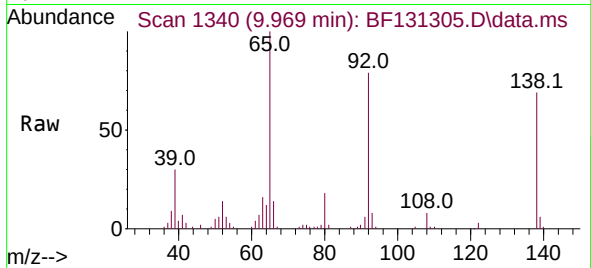
#53
3-Nitroaniline
Concen: 8.866 ng
RT: 9.969 min Scan# 1340
Delta R.T. -0.012 min
Lab File: BF131305.D
Acq: 18 Nov 2022 19:17

Instrument : BNA_F
ClientSampleId : LOD-MDL-WATER-01-QT4-2022

Tgt Ion:138 Resp: 20485
Ion Ratio Lower Upper
138 100
108 11.6 11.1 16.7
92 114.4 105.4 158.2

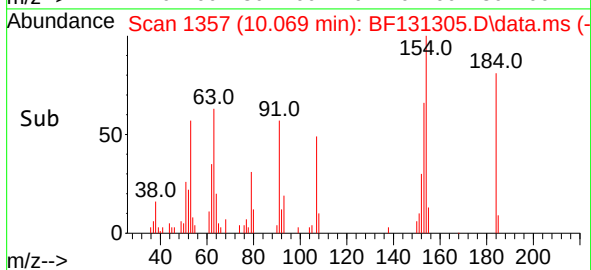
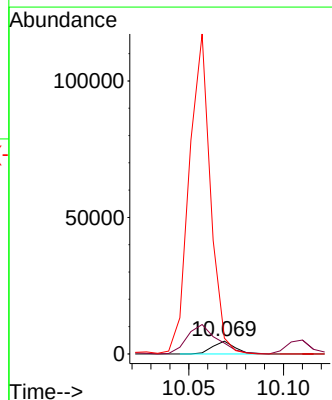
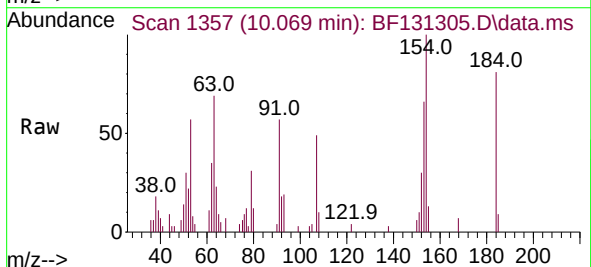
Manual Integrations
APPROVED

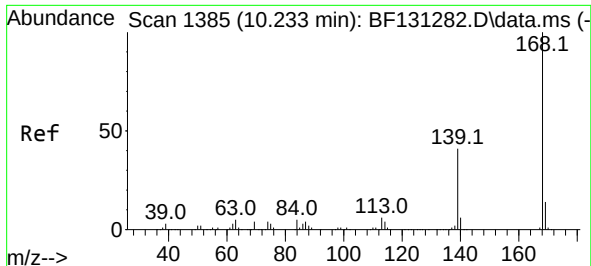
Reviewed By :Christian Giraldo 11/21/2022
Supervised By :Jagrut Upadhyay 11/21/2022



#54
2,4-Dinitrophenol
Concen: 4.871 ng
RT: 10.069 min Scan# 1357
Delta R.T. -0.012 min
Lab File: BF131305.D
Acq: 18 Nov 2022 19:17

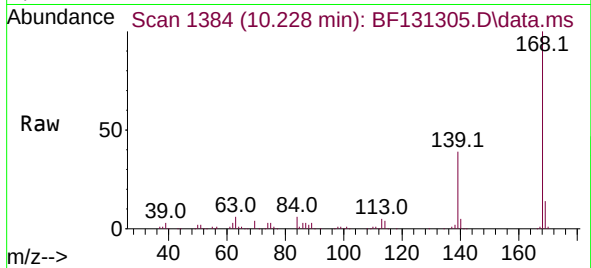
Tgt Ion:184 Resp: 3746
Ion Ratio Lower Upper
184 100
63 84.8 64.8 97.2
154 123.7 58.0 87.0#





#55
Dibenzenofuran
Concen: 8.615 ng
RT: 10.228 min Scan# 1384
Delta R.T. -0.005 min
Lab File: BF131305.D
Acq: 18 Nov 2022 19:17

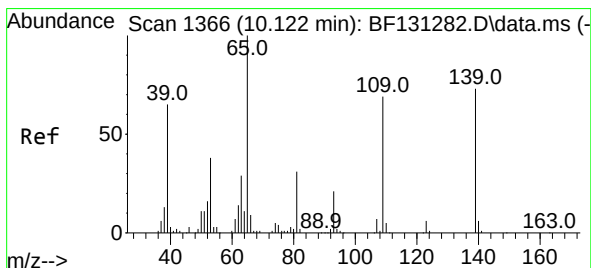
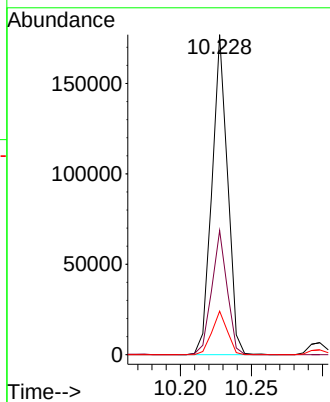
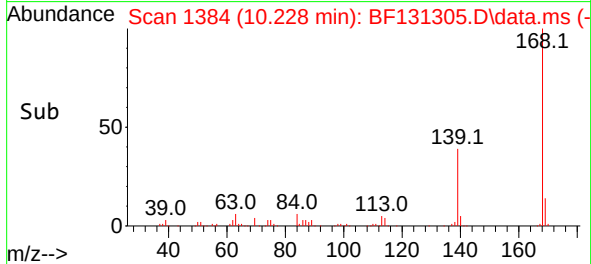
Instrument : BNA_F
ClientSampleId : LOD-MDL-WATER-01-QT4-2022



Tgt Ion:168 Resp: 135505
Ion Ratio Lower Upper
168 100
139 38.8 33.2 49.8
169 13.6 11.0 16.4

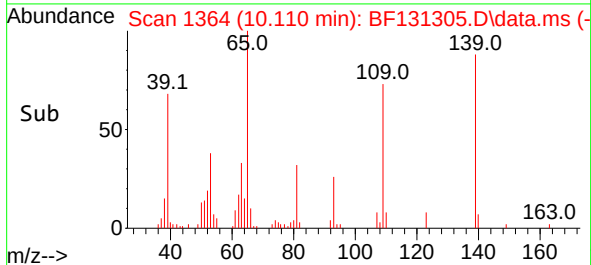
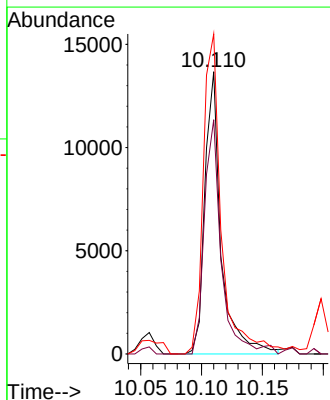
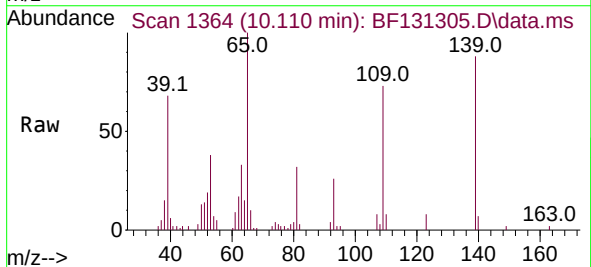
Manual Integrations
APPROVED

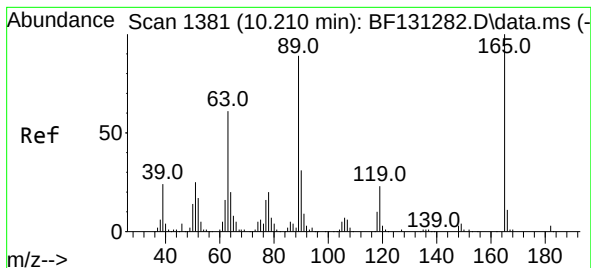
Reviewed By :Christian Giraldo 11/21/2022
Supervised By :Jagrut Upadhyay 11/21/2022



#56
4-Nitrophenol
Concen: 7.331 ng
RT: 10.110 min Scan# 1364
Delta R.T. -0.012 min
Lab File: BF131305.D
Acq: 18 Nov 2022 19:17

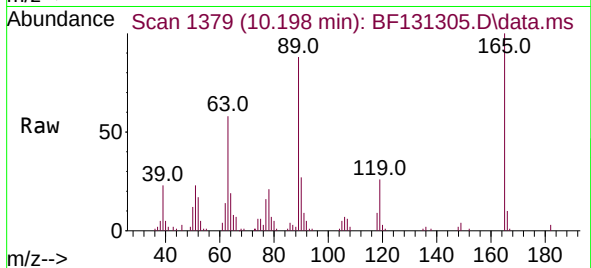
Tgt Ion:139 Resp: 12746
Ion Ratio Lower Upper
139 100
109 83.0 74.2 114.2
65 113.4 116.8 156.8#





#57
2,4-Dinitrotoluene
Concen: 8.419 ng
RT: 10.198 min Scan# 1381
Delta R.T. -0.012 min
Lab File: BF131305.D
Acq: 18 Nov 2022 19:17

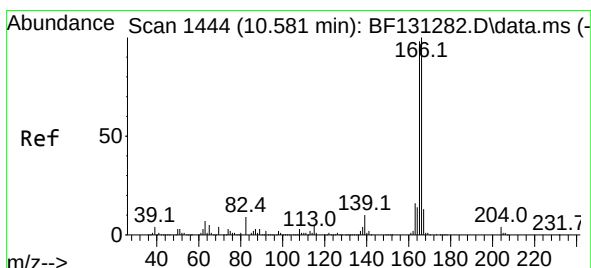
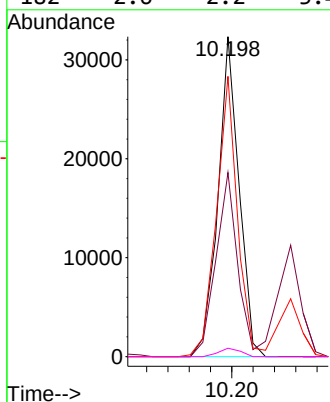
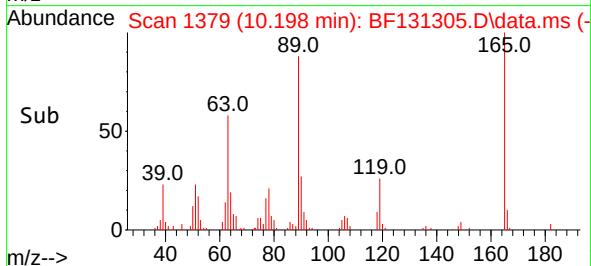
Instrument : BNA_F
ClientSampleId : LOD-MDL-WATER-01-QT4-2022



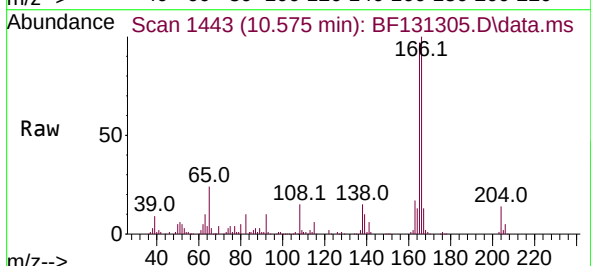
Tgt Ion:165 Resp: 22225
Ion Ratio Lower Upper
165 100
63 57.5 49.0 73.6
89 87.6 71.1 106.7
182 2.6 2.2 3.4

Manual Integrations
APPROVED

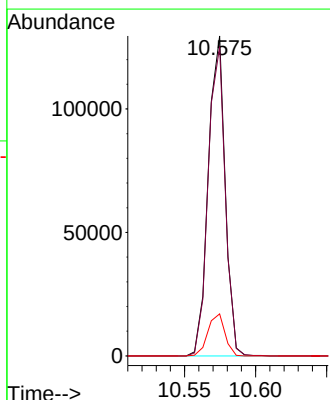
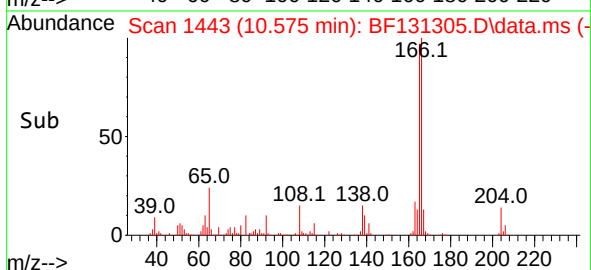
Reviewed By :Christian Giraldo 11/21/2022
Supervised By :Jagrut Upadhyay 11/21/2022

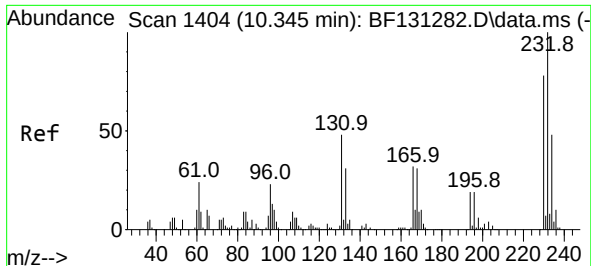


#58
Fluorene
Concen: 8.545 ng
RT: 10.575 min Scan# 1443
Delta R.T. -0.006 min
Lab File: BF131305.D
Acq: 18 Nov 2022 19:17



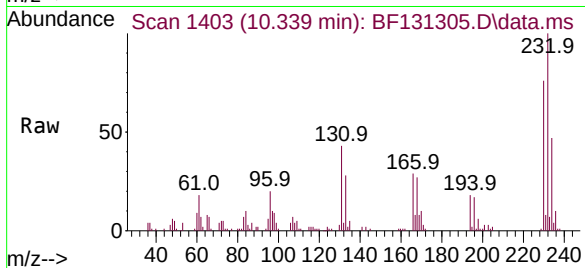
Tgt Ion:166 Resp: 106734
Ion Ratio Lower Upper
166 100
165 96.6 78.2 117.2
167 13.1 10.6 15.8





#59
2,3,4,6-Tetrachlorophenol
Concen: 7.869 ng
RT: 10.339 min Scan# 1403
Delta R.T. -0.006 min
Lab File: BF131305.D
Acq: 18 Nov 2022 19:17

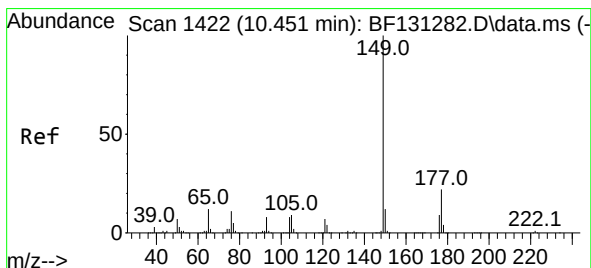
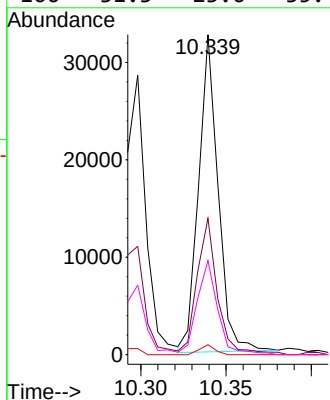
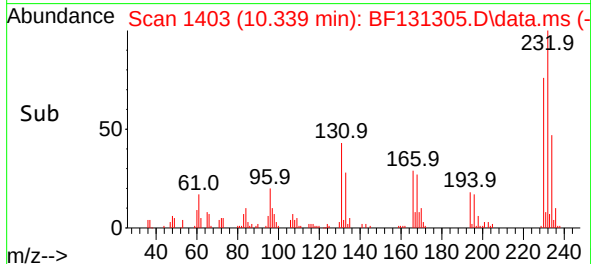
Instrument :
BNA_F
ClientSampleId :
LOD-MDL-WATER-01-QT4-2022



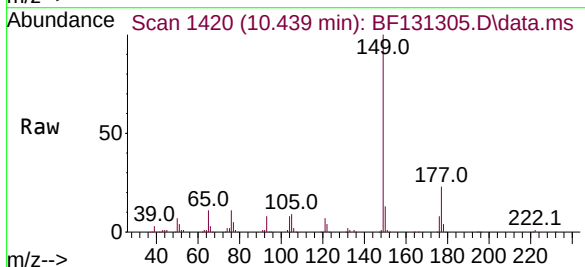
Tgt Ion:232 Resp: 25932
Ion Ratio Lower Upper
232 100
131 45.0 36.0 54.0
130 2.4 1.8 2.6
166 31.3 23.6 35.4

Manual Integrations
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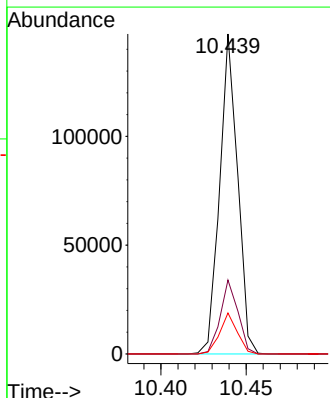
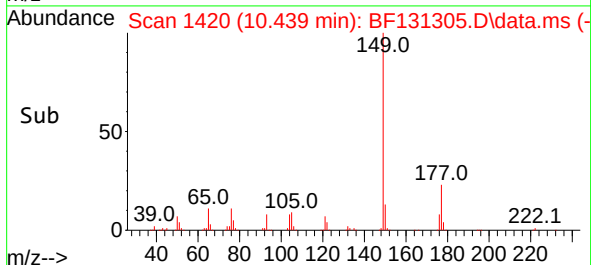
Reviewed By :Christian Giraldo 11/21/2022
Supervised By :Jagrut Upadhyay 11/21/2022

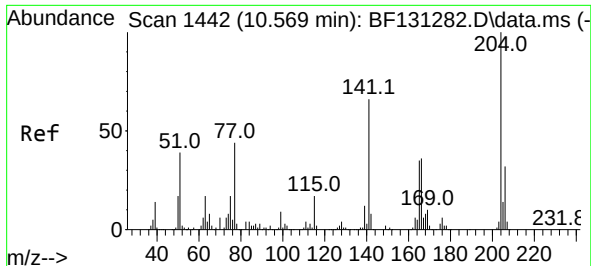


#60
Diethylphthalate
Concen: 8.478 ng
RT: 10.439 min Scan# 1420
Delta R.T. -0.012 min
Lab File: BF131305.D
Acq: 18 Nov 2022 19:17



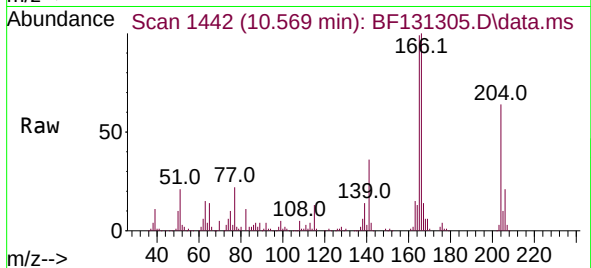
Tgt Ion:149 Resp: 107508
Ion Ratio Lower Upper
149 100
177 23.1 17.9 26.9
150 12.8 9.8 14.6





#61
4-Chlorophenyl-phenylether
Concen: 9.003 ng
RT: 10.569 min Scan# 1442
Delta R.T. -0.000 min
Lab File: BF131305.D
Acq: 18 Nov 2022 19:17

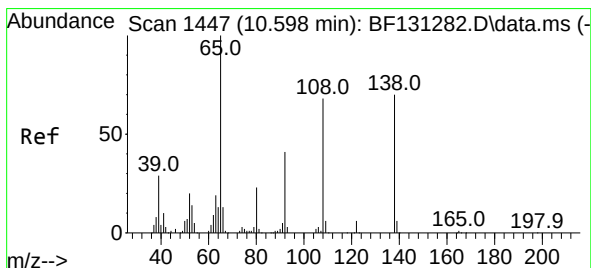
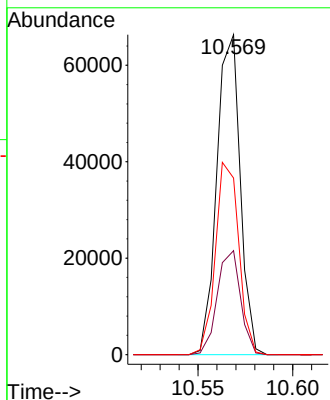
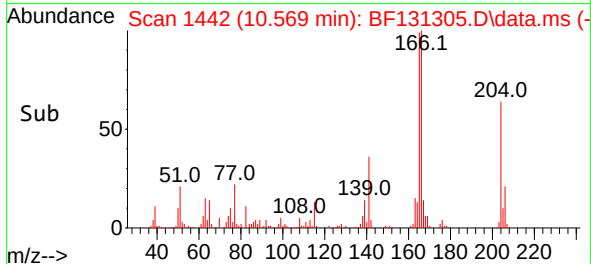
Instrument :
BNA_F
ClientSampleId :
LOD-MDL-WATER-01-QT4-2022



Tgt Ion:204 Resp: 5700
Ion Ratio Lower Upper
204 100
206 32.5 25.7 38.5
141 55.2 53.1 79.7

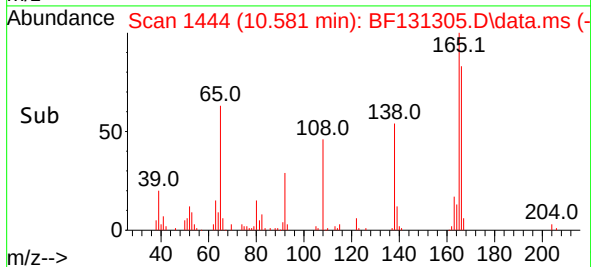
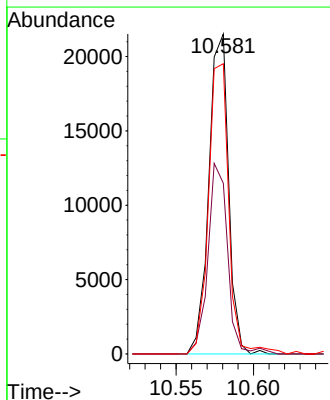
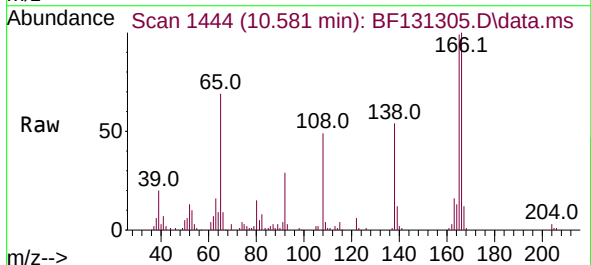
Manual Integrations
APPROVED

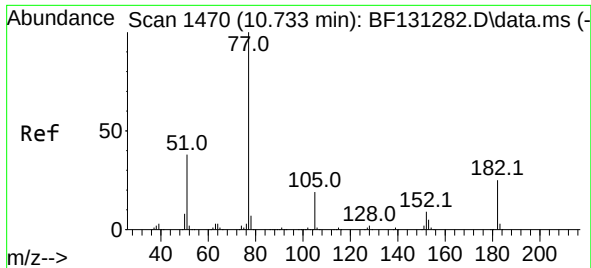
Reviewed By :Christian Giraldo 11/21/2022
Supervised By :Jagrut Upadhyay 11/21/2022



#62
4-Nitroaniline
Concen: 8.158 ng
RT: 10.581 min Scan# 1444
Delta R.T. -0.018 min
Lab File: BF131305.D
Acq: 18 Nov 2022 19:17

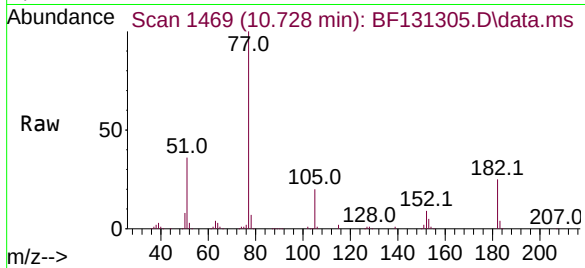
Tgt Ion:138 Resp: 19151
Ion Ratio Lower Upper
138 100
92 53.3 37.5 77.5
108 90.7 76.3 116.3





#63
Azobenzene
Concen: 8.390 ng
RT: 10.728 min Scan# 1470
Delta R.T. -0.006 min
Lab File: BF131305.D
Acq: 18 Nov 2022 19:17

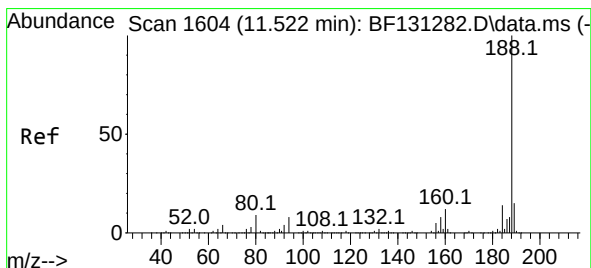
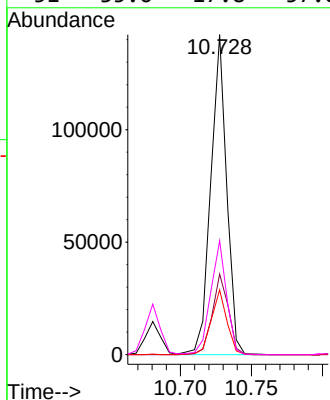
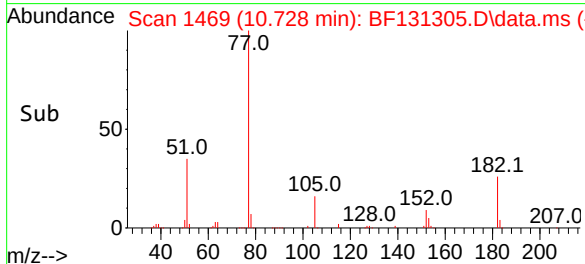
Instrument :
BNA_F
ClientSampleId :
LOD-MDL-WATER-01-QT4-2022



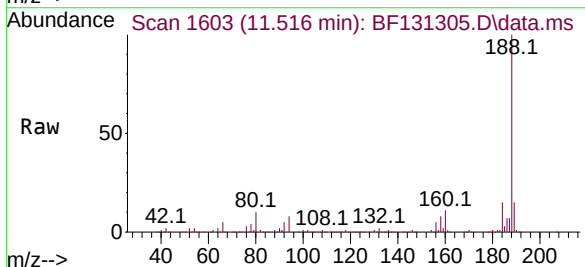
Tgt Ion: 77 Resp: 110495
Ion Ratio Lower Upper
77 100
182 25.2 5.0 45.0
105 20.2 0.0 39.5
51 35.6 17.8 57.8

Manual Integrations
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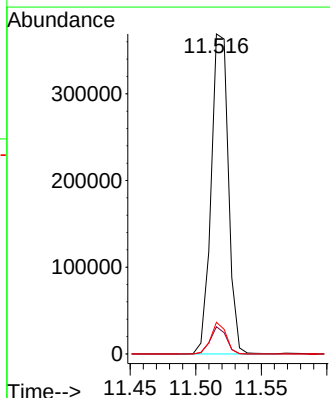
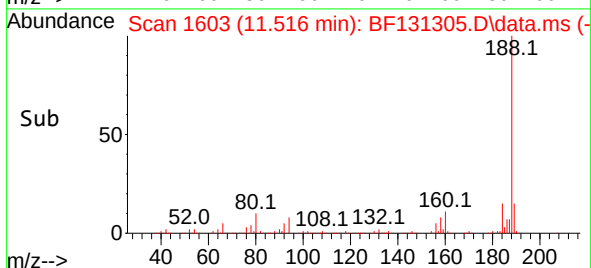
Reviewed By :Christian Giraldo 11/21/2022
Supervised By :Jagrut Upadhyay 11/21/2022

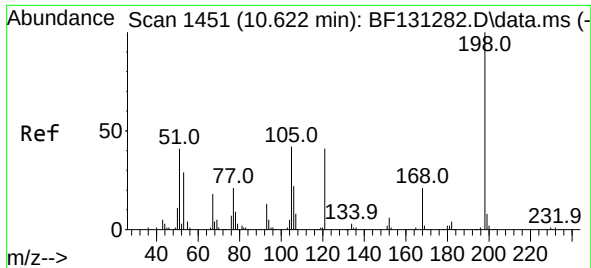


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.516 min Scan# 1603
Delta R.T. -0.006 min
Lab File: BF131305.D
Acq: 18 Nov 2022 19:17



Tgt Ion:188 Resp: 338746
Ion Ratio Lower Upper
188 100
94 8.5 6.5 9.7
80 9.9 7.2 10.8





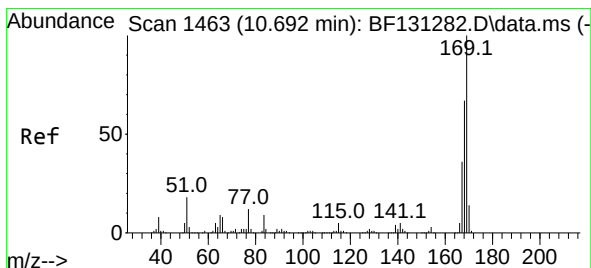
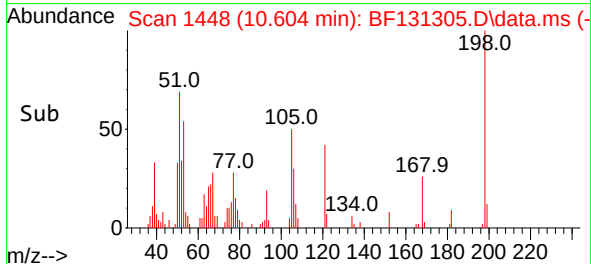
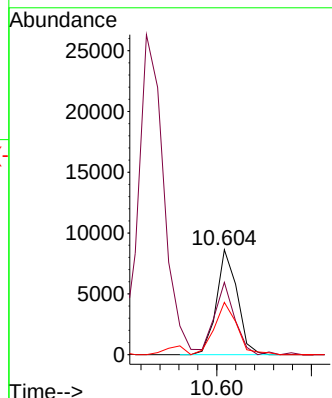
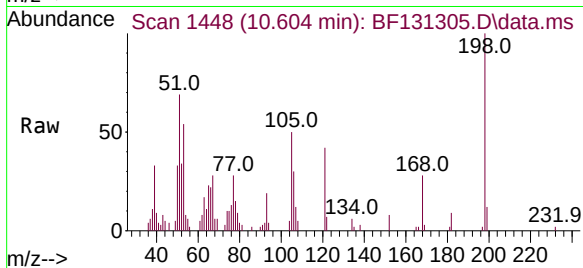
#65
4,6-Dinitro-2-methylphenol
Concen: 5.566 ng
RT: 10.604 min Scan# 1448
Delta R.T. -0.018 min
Lab File: BF131305.D
Acq: 18 Nov 2022 19:17

Instrument :
BNA_F
ClientSampleId :
LOD-MDL-WATER-01-QT4-2022

Tgt Ion:198 Resp: 6536
Ion Ratio Lower Upper
198 100
51 68.9 35.7 75.7
105 49.8 23.3 63.3

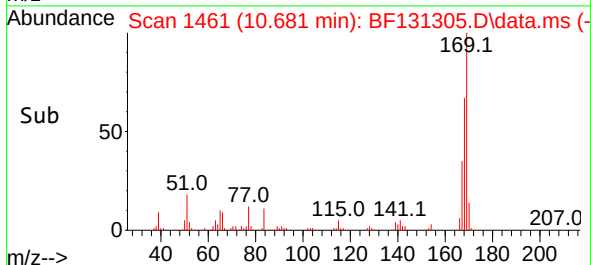
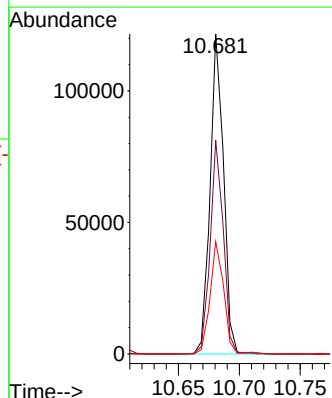
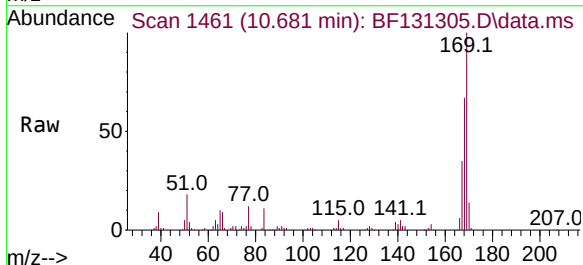
Manual Integrations
APPROVED

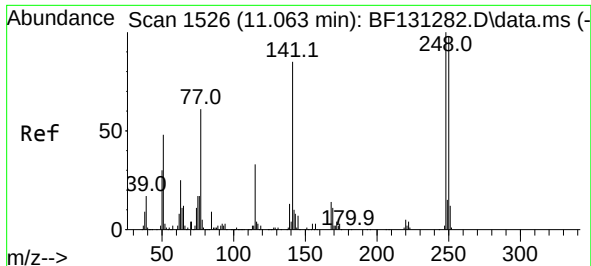
Reviewed By :Christian Giraldo 11/21/2022
Supervised By :Jagrut Upadhyay 11/21/2022



#66
n-Nitrosodiphenylamine
Concen: 8.572 ng
RT: 10.681 min Scan# 1461
Delta R.T. -0.012 min
Lab File: BF131305.D
Acq: 18 Nov 2022 19:17

Tgt Ion:169 Resp: 93576
Ion Ratio Lower Upper
169 100
168 66.7 53.8 80.6
167 35.1 28.9 43.3





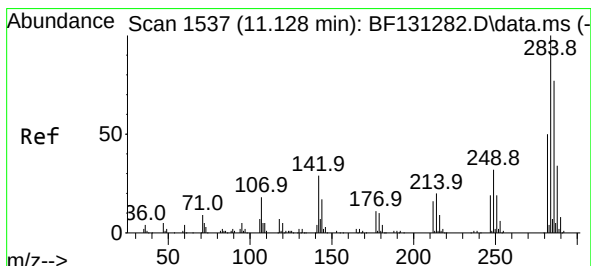
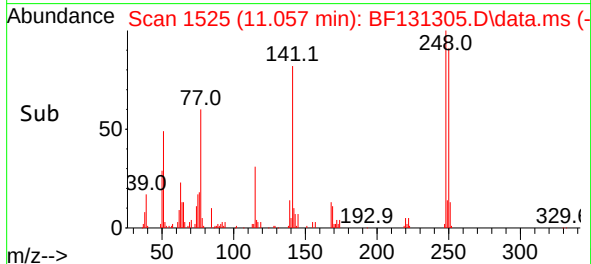
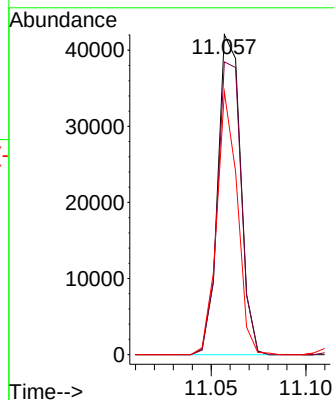
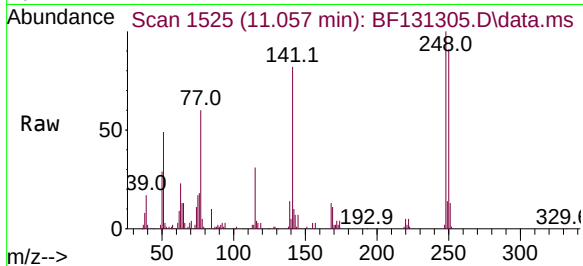
#67
4-Bromophenyl-phenylether
Concen: 8.648 ng
RT: 11.057 min Scan# 1526
Delta R.T. -0.006 min
Lab File: BF131305.D
Acq: 18 Nov 2022 19:17

Instrument :
BNA_F
ClientSampleId :
LOD-MDL-WATER-01-QT4-2022

Tgt Ion:248 Resp: 35152
Ion Ratio Lower Upper
248 100
250 91.5 78.3 117.5
141 82.1 67.6 101.4

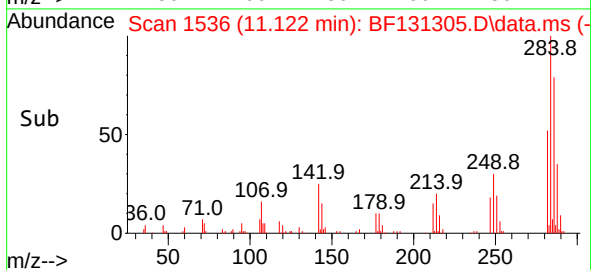
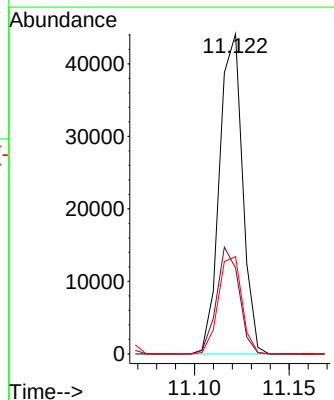
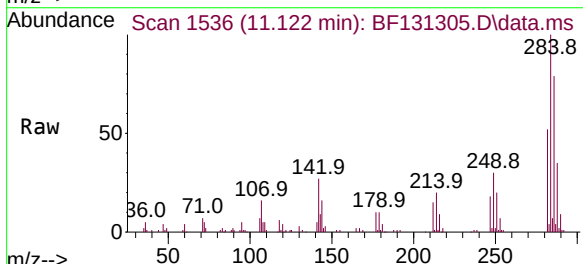
Manual Integrations
APPROVED

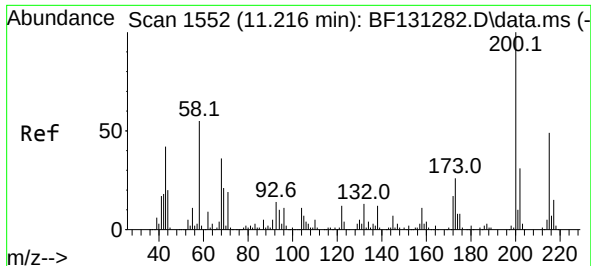
Reviewed By :Christian Giraldo 11/21/2022
Supervised By :Jagrut Upadhyay 11/21/2022



#68
Hexachlorobenzene
Concen: 8.439 ng
RT: 11.122 min Scan# 1536
Delta R.T. -0.006 min
Lab File: BF131305.D
Acq: 18 Nov 2022 19:17

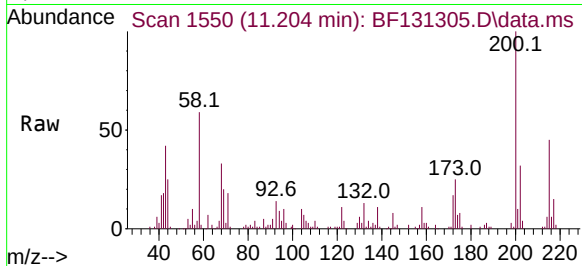
Tgt Ion:284 Resp: 37217
Ion Ratio Lower Upper
284 100
142 26.8 23.4 35.2
249 30.4 25.7 38.5





#69
 Atrazine
 Concen: 9.410 ng
 RT: 11.204 min Scan# 1550
 Delta R.T. -0.012 min
 Lab File: BF131305.D
 Acq: 18 Nov 2022 19:17

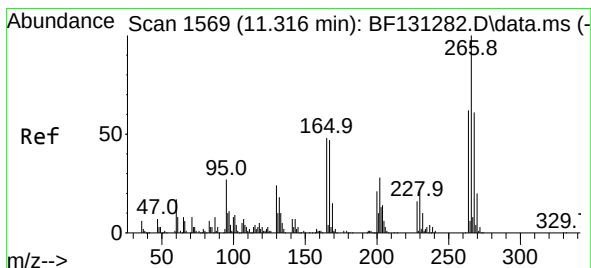
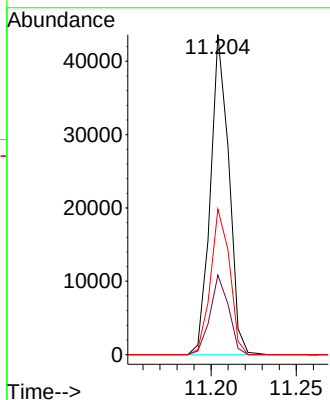
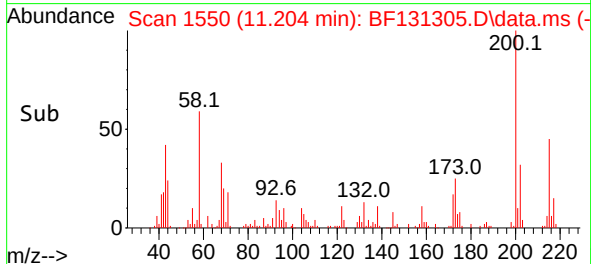
Instrument : BNA_F
 ClientSampleId :
 LOD-MDL-WATER-01-QT4-2022



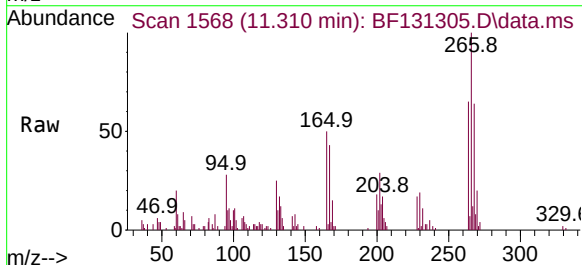
Tgt Ion:200 Resp: 3277
 Ion Ratio Lower Upper
 200 100
 173 24.9 6.0 46.0
 215 45.5 29.0 69.0

Manual Integrations
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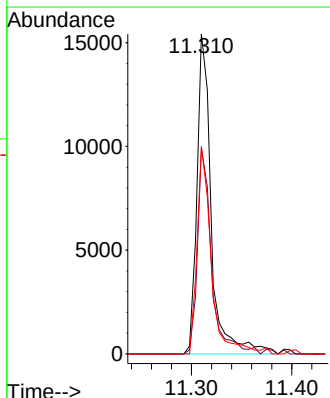
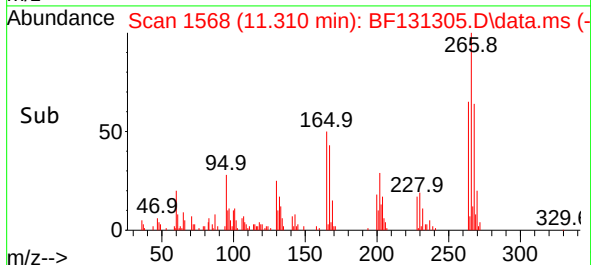
Reviewed By :Christian Giraldo 11/21/2022
 Supervised By :Jagrut Upadhyay 11/21/2022

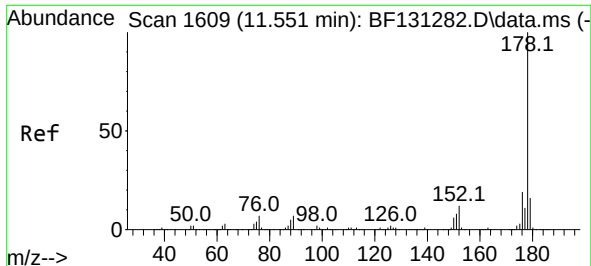


#70
 Pentachlorophenol
 Concen: 6.482 ng
 RT: 11.310 min Scan# 1568
 Delta R.T. -0.006 min
 Lab File: BF131305.D
 Acq: 18 Nov 2022 19:17



Tgt Ion:266 Resp: 15271
 Ion Ratio Lower Upper
 266 100
 268 64.4 49.0 73.4
 264 64.8 49.7 74.5





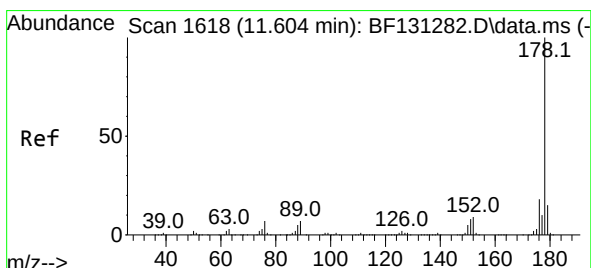
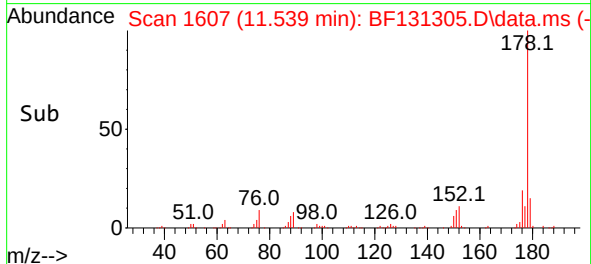
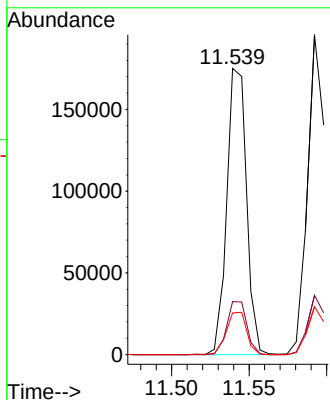
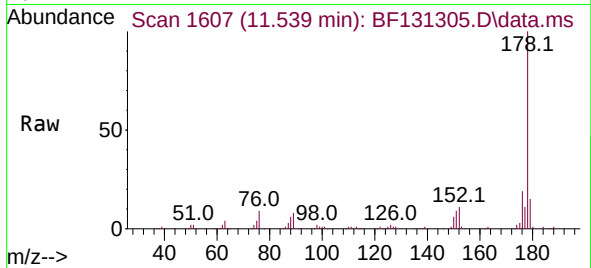
#71
Phenanthrene
Concen: 8.276 ng
RT: 11.539 min Scan# 1609
Delta R.T. -0.012 min
Lab File: BF131305.D
Acq: 18 Nov 2022 19:17

Instrument :
BNA_F
ClientSampleId :
LOD-MDL-WATER-01-QT4-2022

Tgt Ion:178 Resp: 155020
Ion Ratio Lower Upper
178 100
176 18.5 15.5 23.3
179 14.6 12.4 18.6

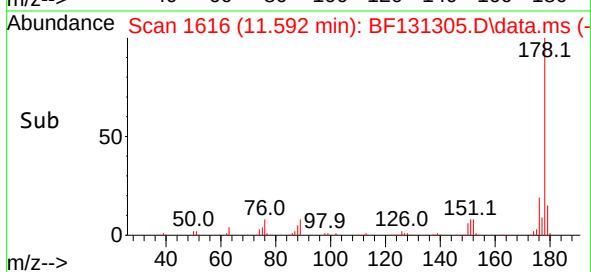
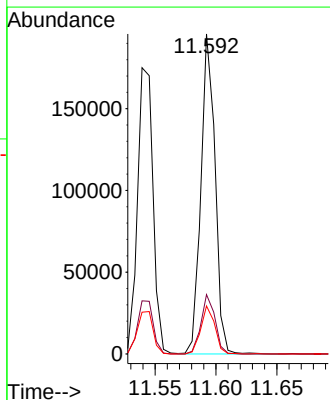
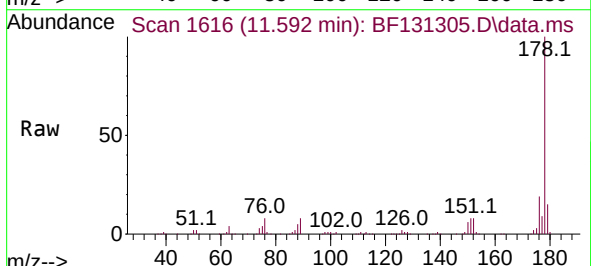
Manual Integrations
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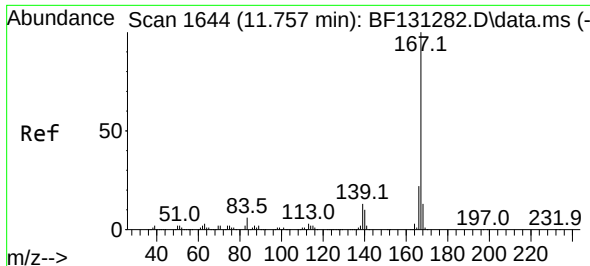
Reviewed By :Christian Giraldo 11/21/2022
Supervised By :Jagrut Upadhyay 11/21/2022



#72
Anthracene
Concen: 8.632 ng
RT: 11.592 min Scan# 1616
Delta R.T. -0.012 min
Lab File: BF131305.D
Acq: 18 Nov 2022 19:17

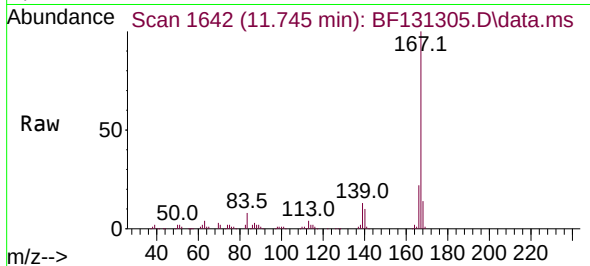
Tgt Ion:178 Resp: 158124
Ion Ratio Lower Upper
178 100
176 18.5 14.6 22.0
179 15.0 12.0 18.0





#73
 Carbazole
 Concen: 8.670 ng
 RT: 11.745 min Scan# 1642
 Delta R.T. -0.012 min
 Lab File: BF131305.D
 Acq: 18 Nov 2022 19:17

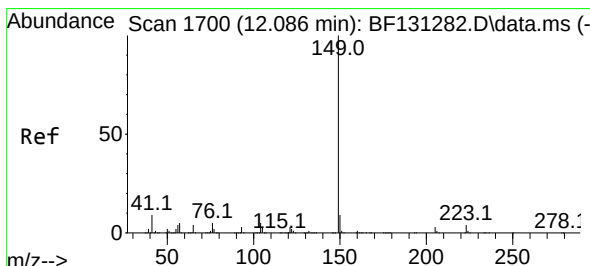
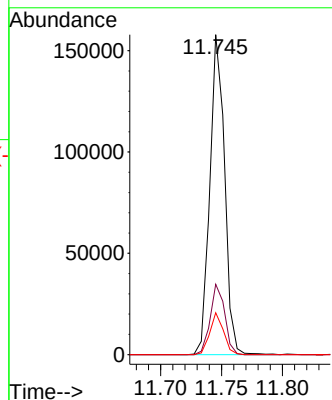
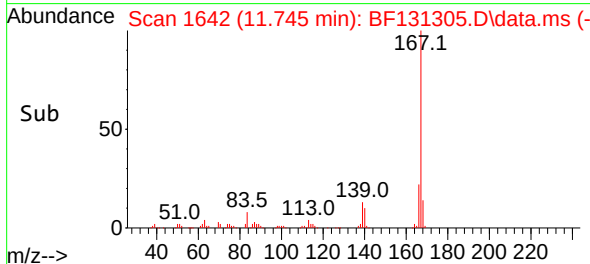
Instrument : BNA_F
 ClientSampleId : LOD-MDL-WATER-01-QT4-2022



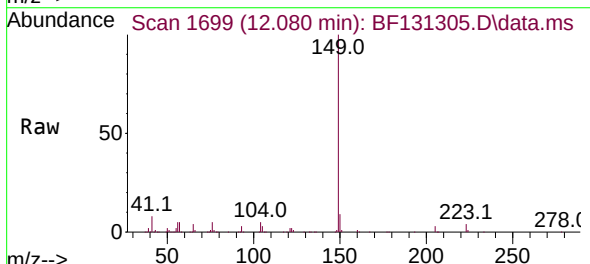
Tgt Ion:167 Resp: 133498
 Ion Ratio Lower Upper
 167 100
 166 22.0 17.4 26.2
 139 13.1 10.2 15.4

Manual Integrations
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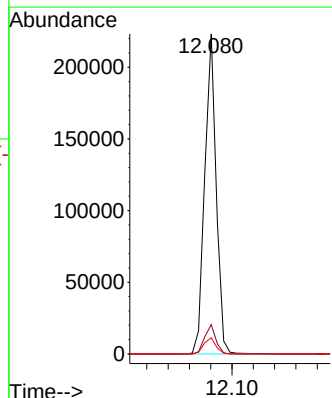
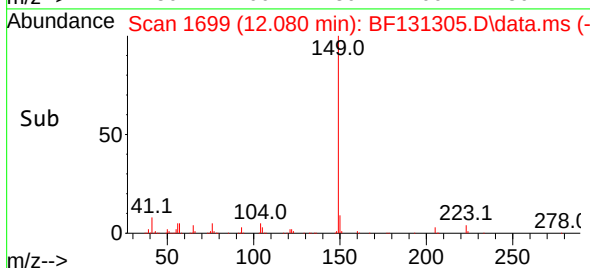
Reviewed By :Christian Giraldo 11/21/2022
 Supervised By :Jagrut Upadhyay 11/21/2022

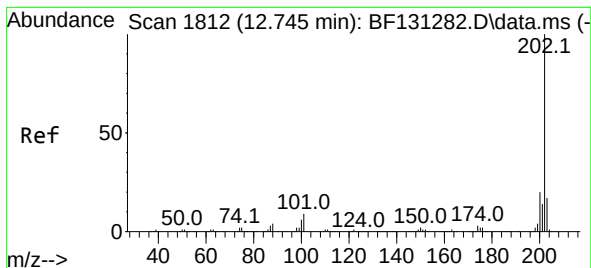


#74
 Di-n-butylphthalate
 Concen: 8.906 ng
 RT: 12.080 min Scan# 1699
 Delta R.T. -0.006 min
 Lab File: BF131305.D
 Acq: 18 Nov 2022 19:17



Tgt Ion:149 Resp: 165586
 Ion Ratio Lower Upper
 149 100
 150 9.1 7.1 10.7
 104 5.0 4.3 6.5





#75

Fluoranthene

Concen: 8.402 ng

RT: 12.739 min Scan# 1811

Delta R.T. -0.006 min

Lab File: BF131305.D

Acq: 18 Nov 2022 19:17

Instrument :

BNA_F

ClientSampleId :

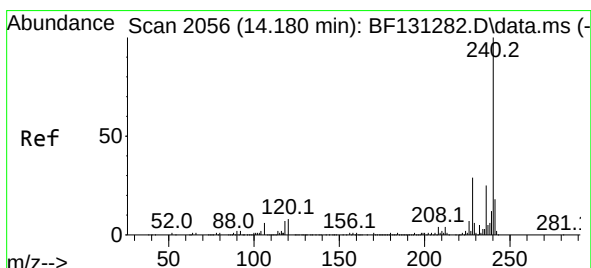
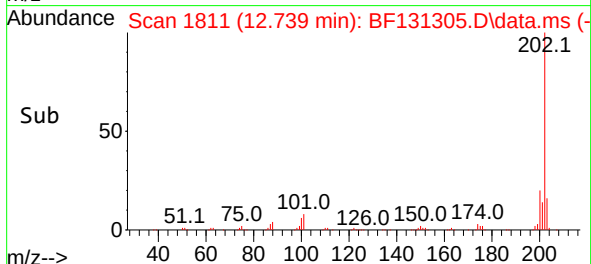
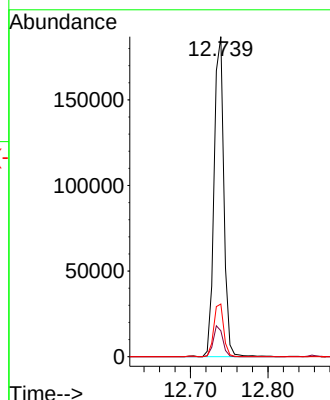
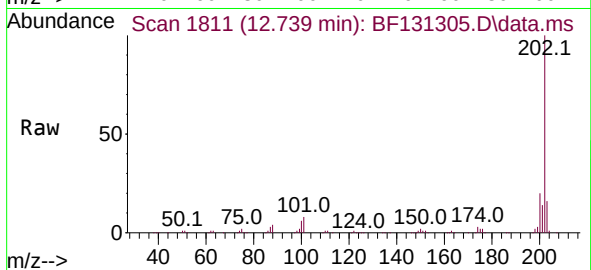
LOD-MDL-WATER-01-QT4-2022

Tgt Ion:	202	Resp:	16332
Ion Ratio	Lower	Upper	
202	100		
101	8.1	0.0	28.5
203	16.4	0.0	37.3

Manual Integrations

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Reviewed By :Christian Giraldo 11/21/2022
Supervised By :Jagrut Upadhyay 11/21/2022



#76

Chrysene-d12

Concen: 20.000 ng

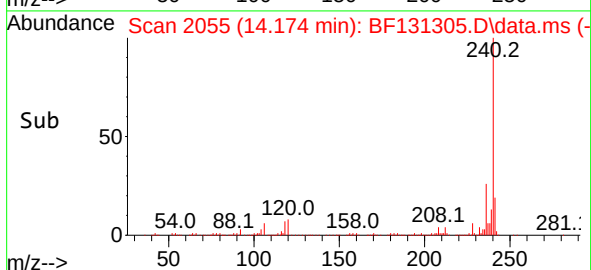
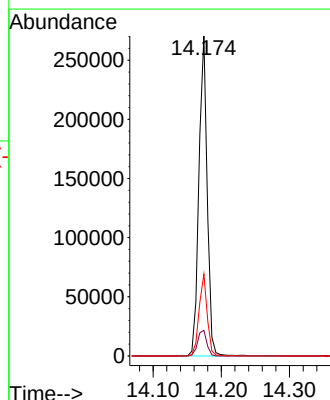
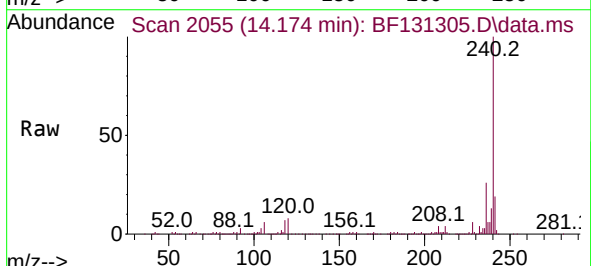
RT: 14.174 min Scan# 2055

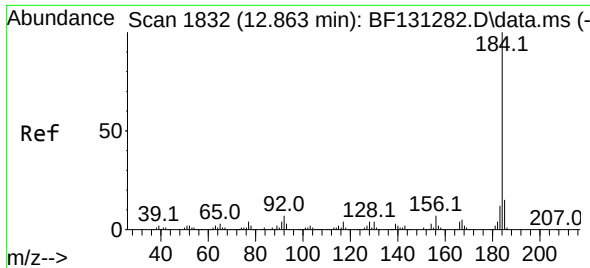
Delta R.T. -0.006 min

Lab File: BF131305.D

Acq: 18 Nov 2022 19:17

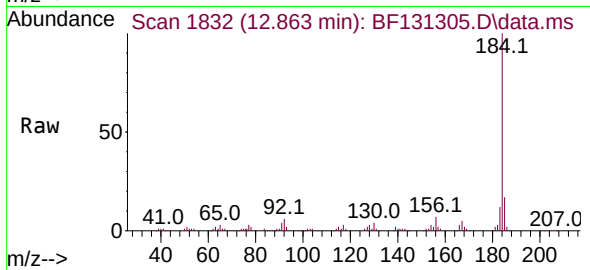
Tgt Ion:	240	Resp:	228343
Ion Ratio	Lower	Upper	
240	100		
120	8.0	6.2	9.2
236	25.6	19.8	29.6





#77
Benzidine
Concen: 13.409 ng
RT: 12.863 min Scan# 1832
Delta R.T. -0.000 min
Lab File: BF131305.D
Acq: 18 Nov 2022 19:17

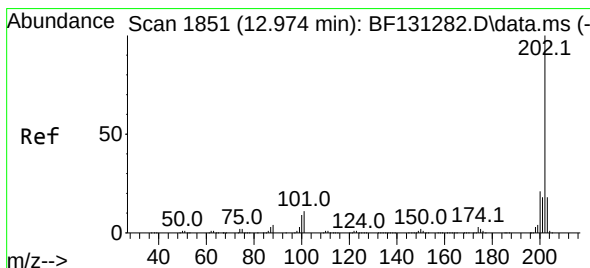
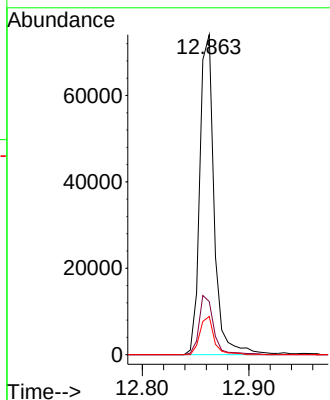
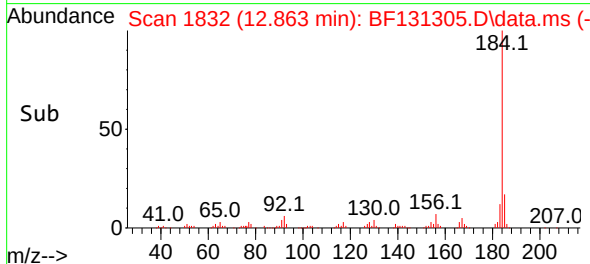
Instrument : BNA_F
ClientSampleId :
LOD-MDL-WATER-01-QT4-2022



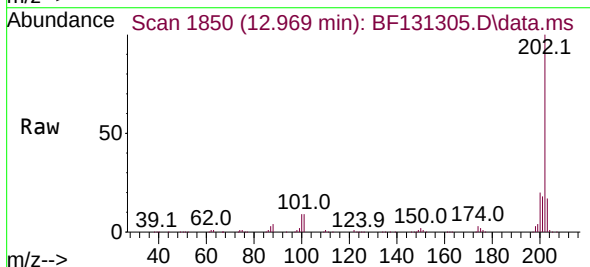
Tgt Ion:184 Resp: 69255
Ion Ratio Lower Upper
184 100
185 16.6 12.3 18.5
183 11.9 9.3 13.9

Manual Integrations
APPROVED

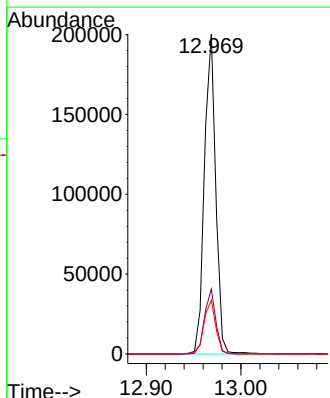
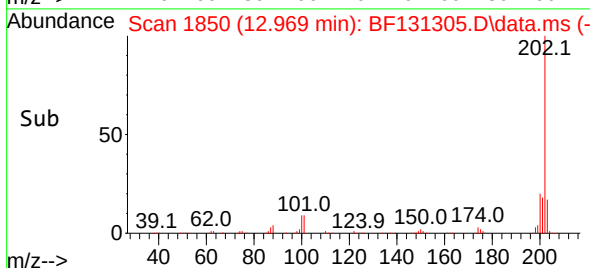
Reviewed By :Christian Giraldo 11/21/2022
Supervised By :Jagrut Upadhyay 11/21/2022

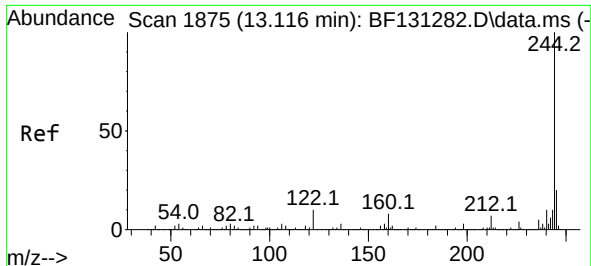


#78
Pyrene
Concen: 7.595 ng
RT: 12.969 min Scan# 1850
Delta R.T. -0.006 min
Lab File: BF131305.D
Acq: 18 Nov 2022 19:17



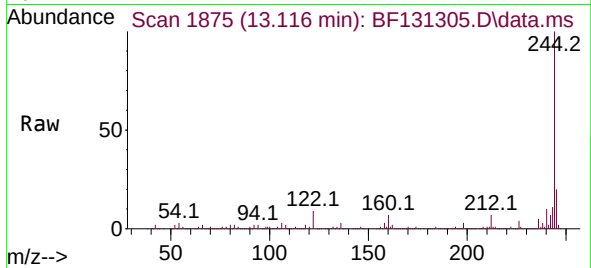
Tgt Ion:202 Resp: 166865
Ion Ratio Lower Upper
202 100
200 20.3 17.2 25.8
203 16.7 14.3 21.5





#79
 Terphenyl-d14
 Concen: 68.802 ng
 RT: 13.116 min Scan# 1875
 Delta R.T. -0.000 min
 Lab File: BF131305.D
 Acq: 18 Nov 2022 19:17

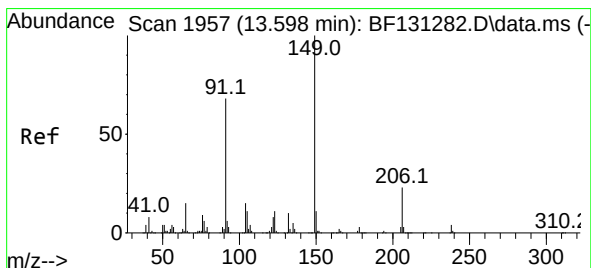
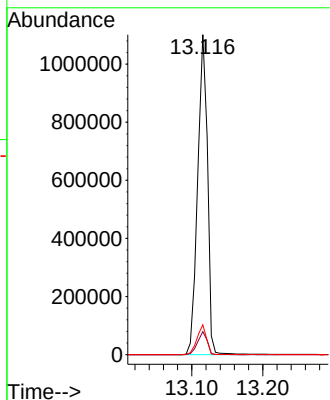
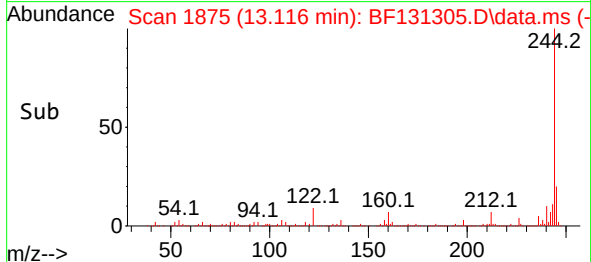
Instrument : BNA_F
 ClientSampleId :
 LOD-MDL-WATER-01-QT4-2022



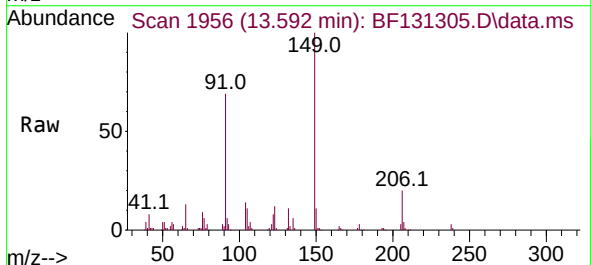
Tgt Ion:244 Resp: 1051032
 Ion Ratio Lower Upper
 244 100
 212 7.2 5.8 8.6
 122 9.3 7.8 11.8

Manual Integrations
 APPROVED

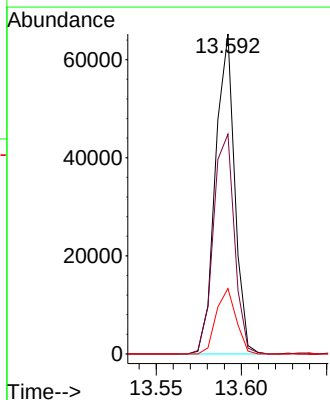
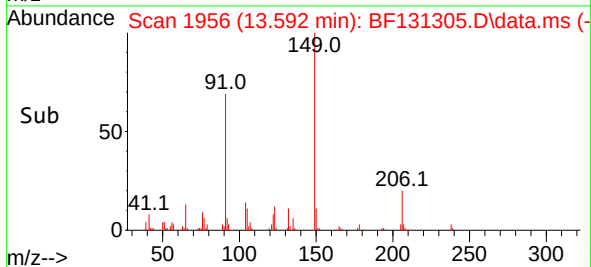
Reviewed By :Christian Giraldo 11/21/2022
 Supervised By :Jagrut Upadhyay 11/21/2022

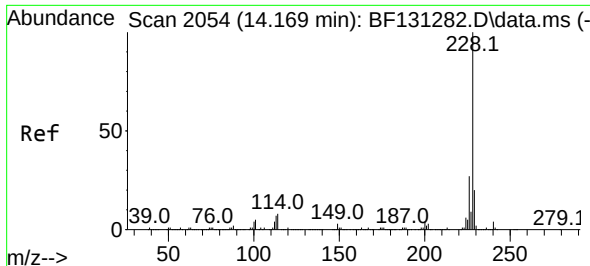


#80
 Butylbenzylphthalate
 Concen: 7.721 ng
 RT: 13.592 min Scan# 1956
 Delta R.T. -0.006 min
 Lab File: BF131305.D
 Acq: 18 Nov 2022 19:17



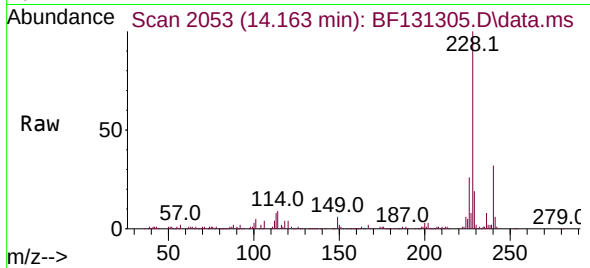
Tgt Ion:149 Resp: 51312
 Ion Ratio Lower Upper
 149 100
 91 68.7 54.6 82.0
 206 20.4 18.1 27.1





#81
Benzo(a)anthracene
Concen: 7.829 ng
RT: 14.163 min Scan# 2054
Delta R.T. -0.006 min
Lab File: BF131305.D
Acq: 18 Nov 2022 19:17

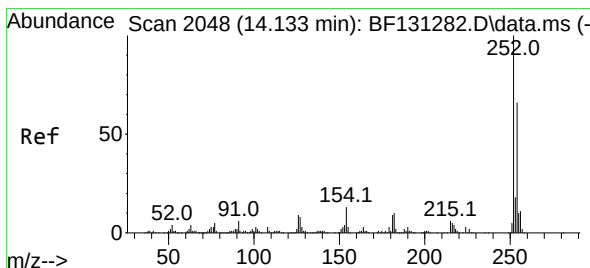
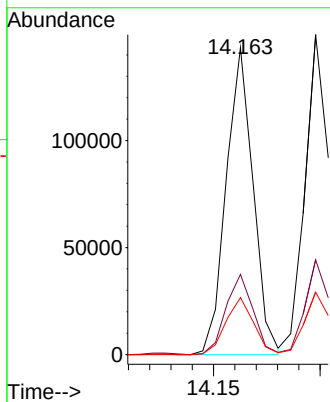
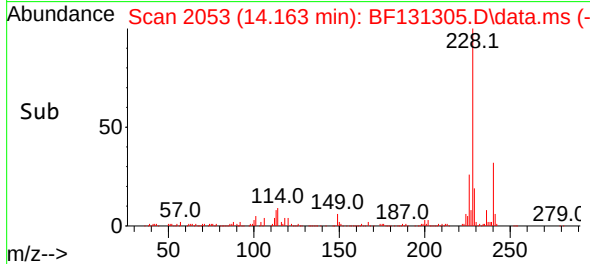
Instrument : BNA_F
ClientSampleId :
LOD-MDL-WATER-01-QT4-2022



Tgt Ion:228 Resp: 126027
Ion Ratio Lower Upper
228 100
226 26.1 21.5 32.3
229 18.6 16.1 24.1

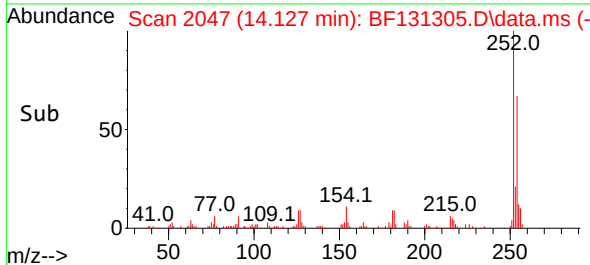
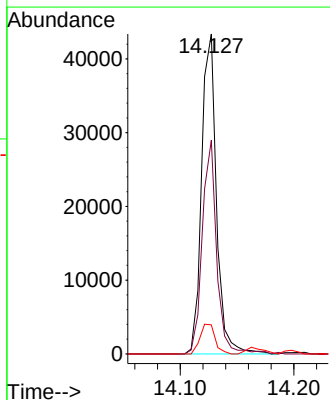
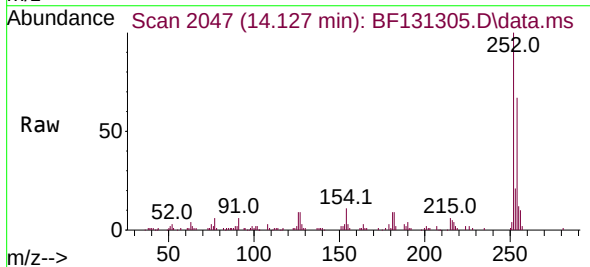
Manual Integrations
APPROVED

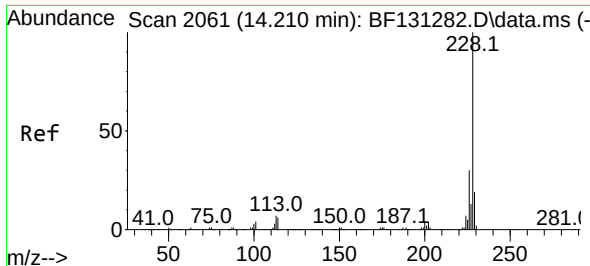
Reviewed By :Christian Giraldo 11/21/2022
Supervised By :Jagrut Upadhyay 11/21/2022



#82
3,3'-Dichlorobenzidine
Concen: 9.239 ng
RT: 14.127 min Scan# 2047
Delta R.T. -0.006 min
Lab File: BF131305.D
Acq: 18 Nov 2022 19:17

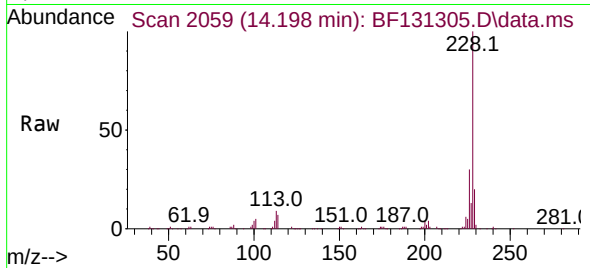
Tgt Ion:252 Resp: 39484
Ion Ratio Lower Upper
252 100
254 66.8 52.6 78.8
126 9.1 7.0 10.6





#83
Chrysene
Concen: 7.829 ng
RT: 14.198 min Scan# 2059
Delta R.T. -0.012 min
Lab File: BF131305.D
Acq: 18 Nov 2022 19:17

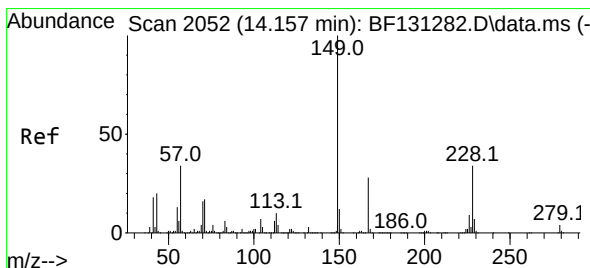
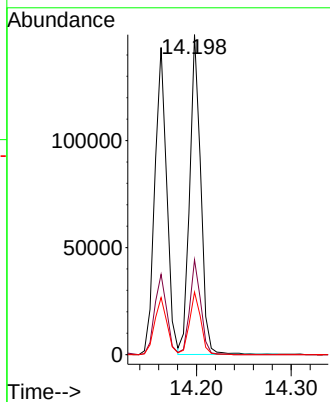
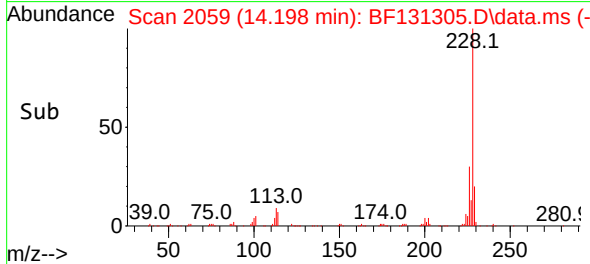
Instrument : BNA_F
ClientSampleId :
LOD-MDL-WATER-01-QT4-2022



Tgt Ion:228 Resp: 120541
Ion Ratio Lower Upper
228 100
226 29.6 23.8 35.6
229 19.5 15.2 22.8

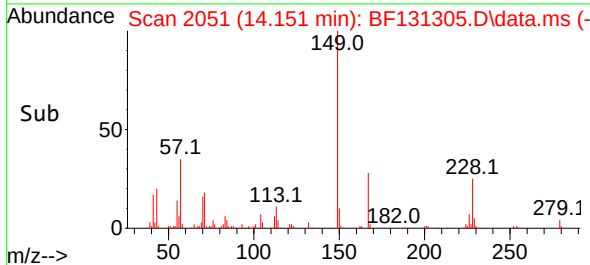
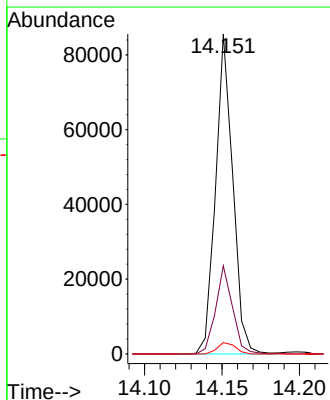
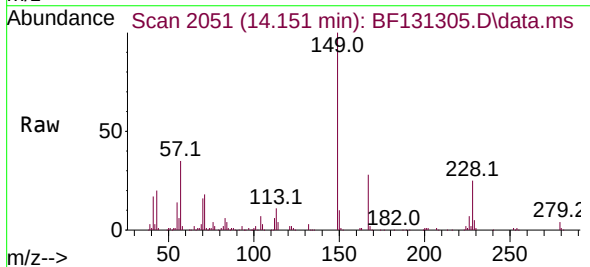
Manual Integrations
APPROVED

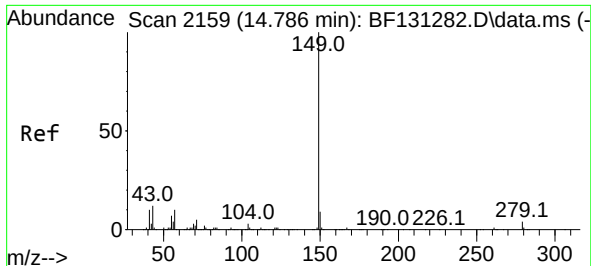
Reviewed By :Christian Giraldo 11/21/2022
Supervised By :Jagrut Upadhyay 11/21/2022



#84
Bis(2-ethylhexyl)phthalate
Concen: 8.608 ng
RT: 14.151 min Scan# 2051
Delta R.T. -0.006 min
Lab File: BF131305.D
Acq: 18 Nov 2022 19:17

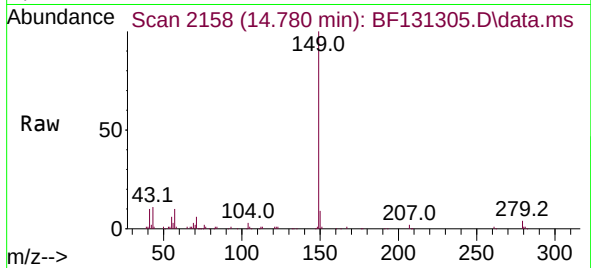
Tgt Ion:149 Resp: 66588
Ion Ratio Lower Upper
149 100
167 27.5 22.2 33.4
279 3.5 3.4 5.2





#85
Di-n-octyl phthalate
Concen: 7.739 ng
RT: 14.780 min Scan# 2159
Delta R.T. -0.006 min
Lab File: BF131305.D
Acq: 18 Nov 2022 19:17

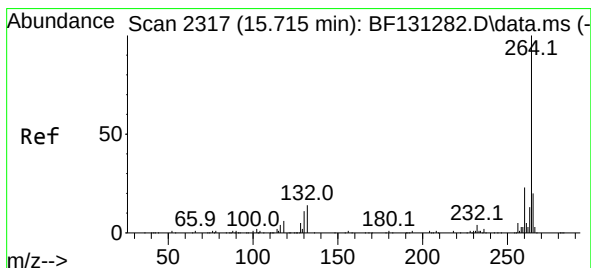
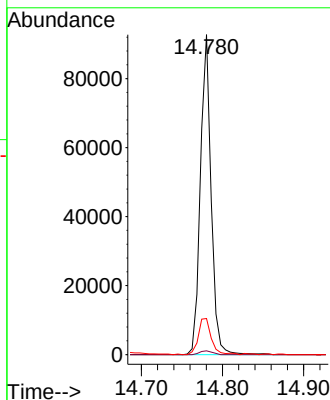
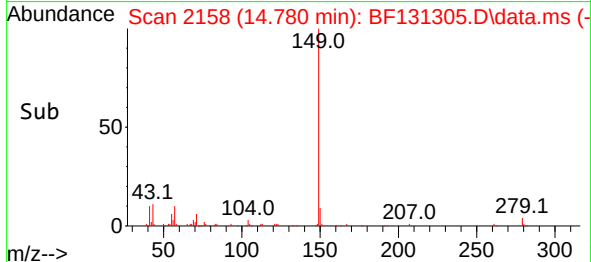
Instrument : BNA_F
ClientSampleId : LOD-MDL-WATER-01-QT4-2022



Tgt Ion:149 Resp: 84985
Ion Ratio Lower Upper
149 100
167 1.4 1.2 1.8
43 13.6 10.6 16.0

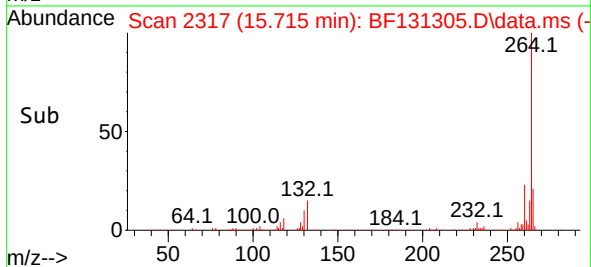
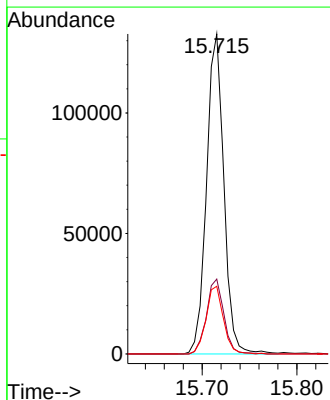
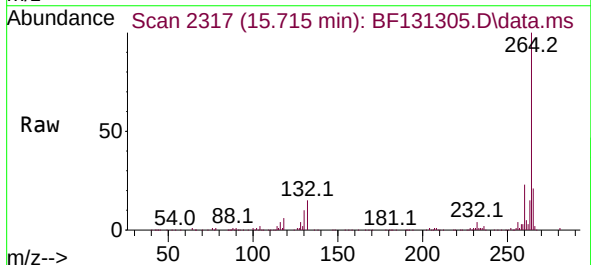
Manual Integrations
APPROVED

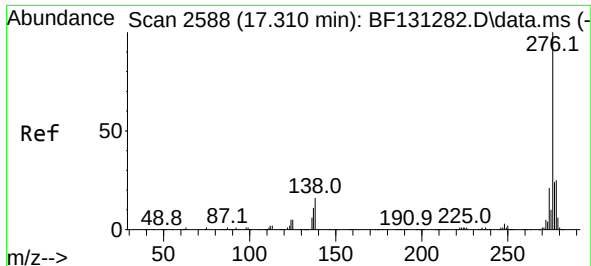
Reviewed By :Christian Giraldo 11/21/2022
Supervised By :Jagrut Upadhyay 11/21/2022



#86
Perylene-d12
Concen: 20.000 ng
RT: 15.715 min Scan# 2317
Delta R.T. -0.000 min
Lab File: BF131305.D
Acq: 18 Nov 2022 19:17

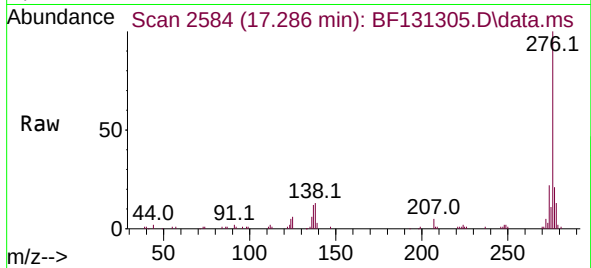
Tgt Ion:264 Resp: 168986
Ion Ratio Lower Upper
264 100
260 23.4 18.7 28.1
265 21.1 16.2 24.4





#87
Indeno(1,2,3-cd)pyrene
Concen: 6.914 ng
RT: 17.286 min Scan# 21
Delta R.T. -0.024 min
Lab File: BF131305.D
Acq: 18 Nov 2022 19:17

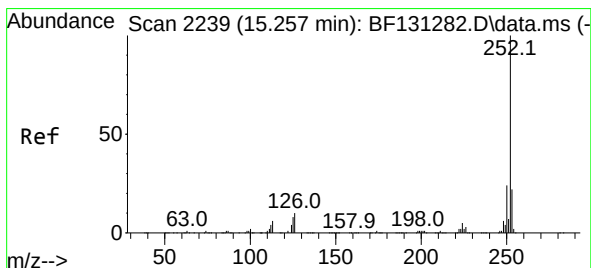
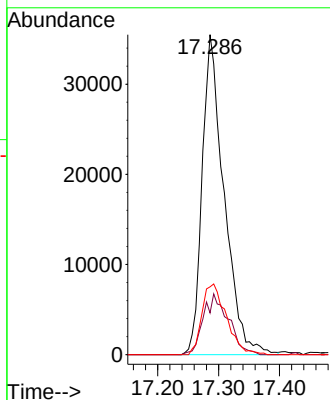
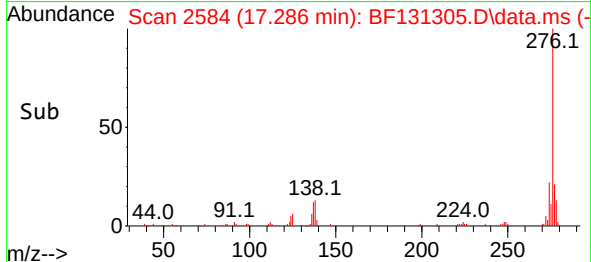
Instrument :
BNA_F
ClientSampleId :
LOD-MDL-WATER-01-QT4-2022



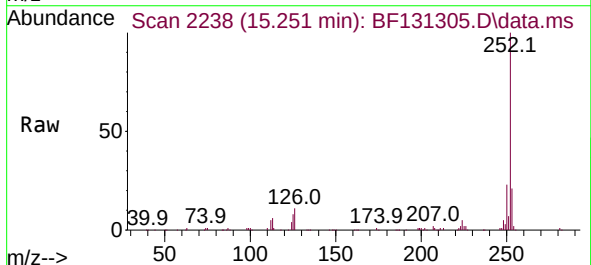
Tgt Ion:276 Resp: 88614
Ion Ratio Lower Upper
276 100
138 21.8 15.1 22.7
277 24.7 20.1 30.1

Manual Integrations
APPROVED

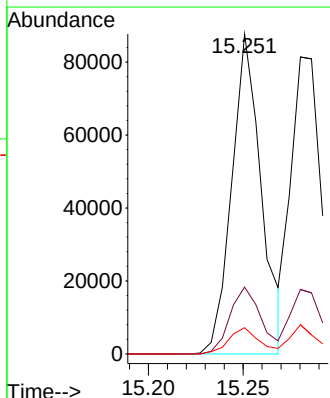
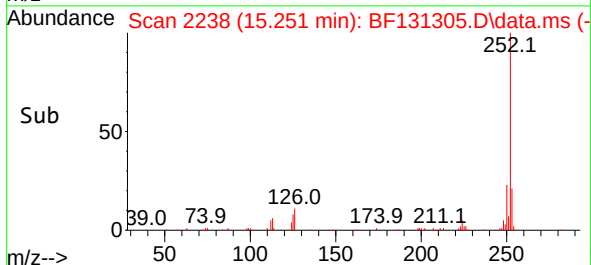
Reviewed By :Christian Giraldo 11/21/2022
Supervised By :Jagrut Upadhyay 11/21/2022

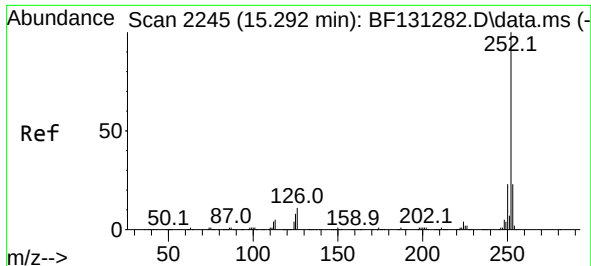


#88
Benzo(b)fluoranthene
Concen: 8.374 ng
RT: 15.251 min Scan# 2238
Delta R.T. -0.006 min
Lab File: BF131305.D
Acq: 18 Nov 2022 19:17



Tgt Ion:252 Resp: 95240
Ion Ratio Lower Upper
252 100
253 20.9 17.4 26.0
125 8.2 6.3 9.5





#89

Benzo(k)fluoranthene

Concen: 8.111 ng m

RT: 15.280 min Scan# 21

Delta R.T. -0.012 min

Lab File: BF131305.D

Acq: 18 Nov 2022 19:17

Instrument :

BNA_F

ClientSampleId :

LOD-MDL-WATER-01-QT4-2022

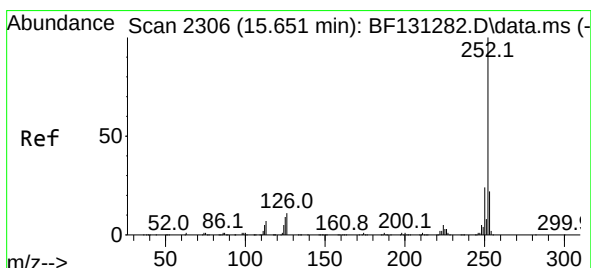
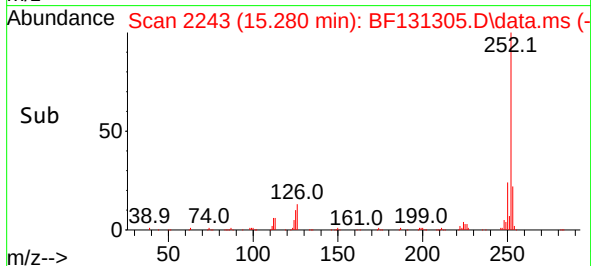
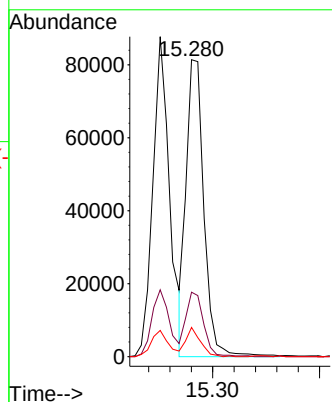
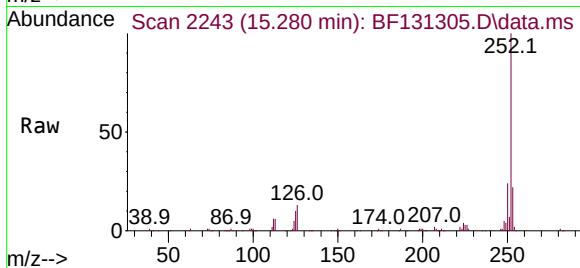
Tgt Ion:252 Resp: 94294
 Ion Ratio Lower Upper
 252 100
 253 21.7 18.0 27.0
 125 9.9 6.5 9.7

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 11/21/2022

Supervised By :Jagrut Upadhyay 11/21/2022



#90

Benzo(a)pyrene

Concen: 8.273 ng

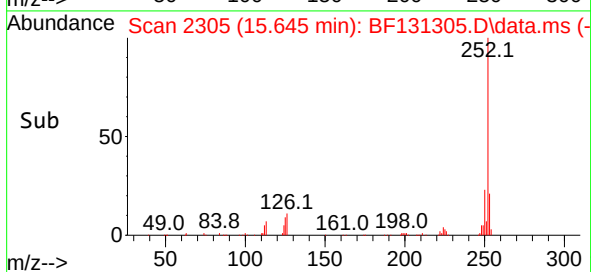
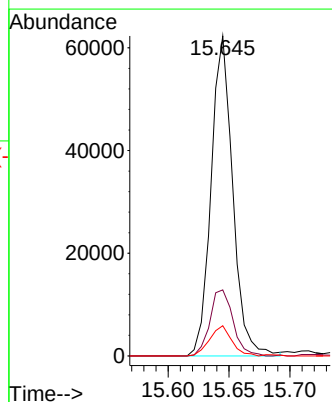
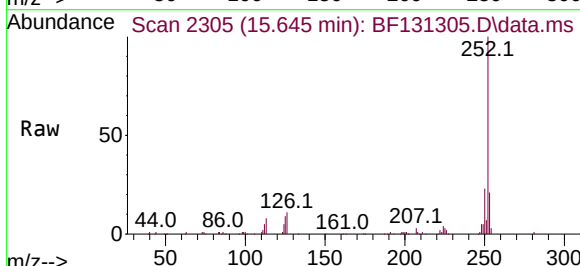
RT: 15.645 min Scan# 2305

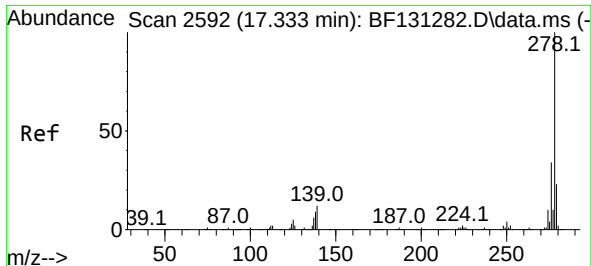
Delta R.T. -0.006 min

Lab File: BF131305.D

Acq: 18 Nov 2022 19:17

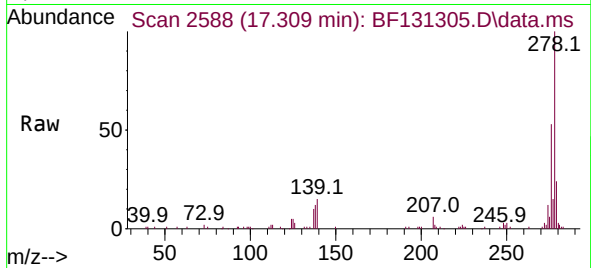
Tgt Ion:252 Resp: 77255
 Ion Ratio Lower Upper
 252 100
 253 20.6 17.7 26.5
 125 9.4 7.2 10.8





#91
Dibenzo(a,h)anthracene
Concen: 7.223 ng
RT: 17.309 min Scan# 2588
Delta R.T. -0.024 min
Lab File: BF131305.D
Acq: 18 Nov 2022 19:17

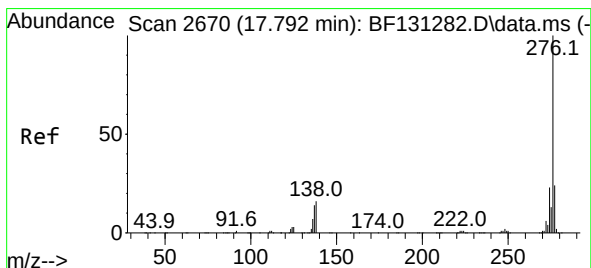
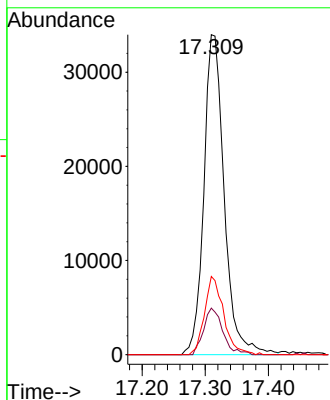
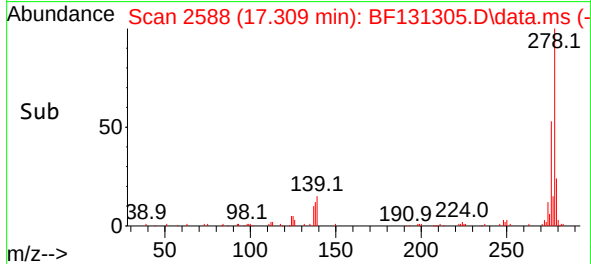
Instrument : BNA_F
ClientSampleId : LOD-MDL-WATER-01-QT4-2022



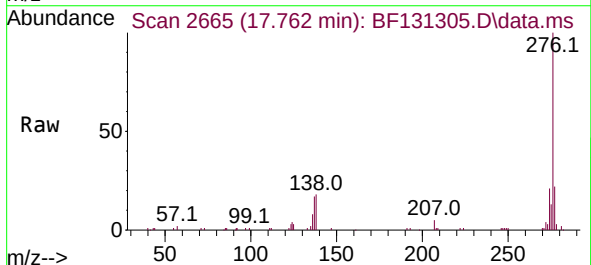
Tgt Ion: 278 Resp: 76183
Ion Ratio Lower Upper
278 100
139 14.5 10.0 15.0
279 24.4 18.6 27.8

Manual Integrations
APPROVED

Reviewed By : Christian Giraldo 11/21/2022
Supervised By : Jagrut Upadhyay 11/21/2022



#92
Benzo(g,h,i)perylene
Concen: 7.264 ng
RT: 17.762 min Scan# 2665
Delta R.T. -0.030 min
Lab File: BF131305.D
Acq: 18 Nov 2022 19:17



Tgt Ion: 276 Resp: 77457
Ion Ratio Lower Upper
276 100
277 22.3 19.4 29.0
138 17.6 13.0 19.6

