

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF111822\
 Data File : BF131303.D
 Acq On : 18 Nov 2022 18:12
 Operator : CG\JU
 Sample : N4955-08
 Misc : LOQ-WATER 5ppm
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 LOQ-WATER-02-QT4-2022

Quant Time: Nov 21 01:38:14 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	83486	20.000	ng	0.00
21) Naphthalene-d8	8.257	136	304567	20.000	ng	0.00
39) Acenaphthene-d10	10.022	164	182688	20.000	ng	0.00
64) Phenanthrene-d10	11.516	188	338476	20.000	ng	0.00
76) Chrysene-d12	14.174	240	234977	20.000	ng	0.00
86) Perylene-d12	15.715	264	172131	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.569	112	445135	97.591	ng	0.00
7) Phenol-d6	6.581	99	547121	94.618	ng	0.00
23) Nitrobenzene-d5	7.533	82	414503	72.699	ng	0.00
42) 2,4,6-Tribromophenol	10.816	330	160179	98.494	ng	0.00
45) 2-Fluorobiphenyl	9.339	172	833500	65.163	ng	0.00
79) Terphenyl-d14	13.115	244	977996	62.214	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	2.769	88	9963	4.724	ng	99
3) Pyridine	3.569	79	24229m	4.123	ng	
4) n-Nitrosodimethylamine	3.487	42	14095	3.866	ng	# 78
6) Aniline	6.628	93	37168	5.136	ng	98
8) 2-Chlorophenol	6.745	128	25707	5.092	ng	96
9) Benzaldehyde	6.516	77	22513	5.363	ng	98
10) Phenol	6.592	94	29688	4.639	ng	90
11) bis(2-Chloroethyl)ether	6.698	93	24672	4.789	ng	94
12) 1,3-Dichlorobenzene	6.910	146	28433m	4.734	ng	
13) 1,4-Dichlorobenzene	6.986	146	28603	4.683	ng	97
14) 1,2-Dichlorobenzene	7.139	146	27009	4.751	ng	98
15) Benzyl Alcohol	7.128	79	18159	3.687	ng	# 60
16) 2,2'-oxybis(1-Chloropr...	7.239	45	46523	4.770	ng	95
17) 2-Methylphenol	7.204	107	20328	4.605	ng	94
18) Hexachloroethane	7.486	117	9955	4.584	ng	93
19) n-Nitroso-di-n-propyla...	7.369	70	18321	4.405	ng	# 94
20) 3+4-Methylphenols	7.204	107	20328	3.606	ng	83
22) Acetophenone	7.375	105	39284	4.881	ng	# 97
24) Nitrobenzene	7.551	77	29914	5.183	ng	# 90
25) Isophorone	7.786	82	51660	4.746	ng	98
26) 2-Nitrophenol	7.869	139	7765	4.248	ng	96
27) 2,4-Dimethylphenol	7.898	122	20357	4.757	ng	99
28) bis(2-Chloroethoxy)met...	7.998	93	31304	5.149	ng	93
29) 2,4-Dichlorophenol	8.104	162	21122	4.609	ng	98
30) 1,2,4-Trichlorobenzene	8.192	180	25844	4.542	ng	96
31) Naphthalene	8.280	128	76600	4.638	ng	99
32) Benzoic acid	7.928	122	6176m	2.412	ng	
33) 4-Chloroaniline	8.322	127	29704	4.630	ng	98
34) Hexachlorobutadiene	8.392	225	16921	4.500	ng	96
35) Caprolactam	8.651	113	5538	4.340	ng	95
36) 4-Chloro-3-methylphenol	8.798	107	21245	4.301	ng	96
37) 2-Methylnaphthalene	8.975	142	50752	4.560	ng	99
38) 1-Methylnaphthalene	9.075	142	50005	4.636	ng	96
40) 1,2,4,5-Tetrachloroben...	9.133	216	27738	4.640	ng	97
41) Hexachlorocyclopentadiene	9.127	237	11405	4.411	ng	97
43) 2,4,6-Trichlorophenol	9.245	196	13162	3.703	ng	95

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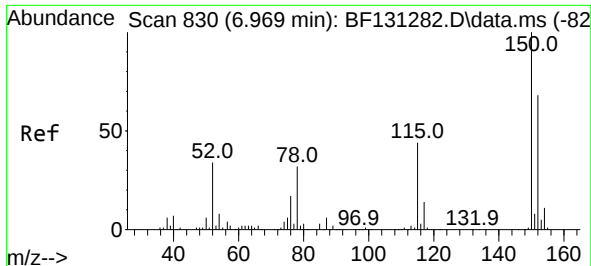
Quant Time: Nov 21 01:38:14 2022
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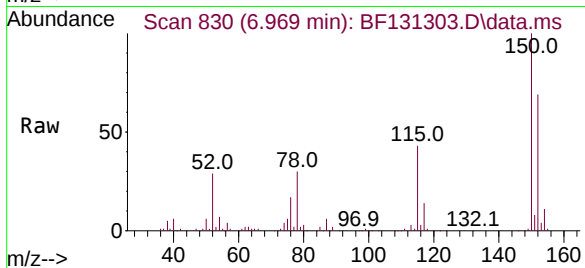
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.280	196	15093	3.898	ng	95
46) 1,1'-Biphenyl	9.439	154	70088	4.968	ng	99
47) 2-Chloronaphthalene	9.463	162	52270	4.615	ng	96
48) 2-Nitroaniline	9.557	65	12741	4.070	ng	94
49) Acenaphthylene	9.880	152	80354	4.644	ng	97
50) Dimethylphthalate	9.733	163	62268	4.707	ng	99
51) 2,6-Dinitrotoluene	9.798	165	9819	4.519	ng	90
52) Acenaphthene	10.057	154	49466	4.582	ng	97
53) 3-Nitroaniline	9.963	138	10087	4.386	ng	95
54) 2,4-Dinitrophenol	10.069	184	1698	2.218	ng	# 60
55) Dibenzofuran	10.227	168	73803	4.714	ng	96
56) 4-Nitrophenol	10.110	139	5452	3.151	ng	94
57) 2,4-Dinitrotoluene	10.198	165	10790	4.107	ng	96
58) Fluorene	10.574	166	60678	4.881	ng	93
59) 2,3,4,6-Tetrachlorophenol	10.339	232	13053	3.980	ng	96
60) Diethylphthalate	10.439	149	59073	4.681	ng	98
61) 4-Chlorophenyl-phenyle...	10.563	204	30652	4.864	ng	97
62) 4-Nitroaniline	10.574	138	9873	4.226	ng	98
63) Azobenzene	10.727	77	59965	4.575	ng	98
65) 4,6-Dinitro-2-methylph...	10.604	198	2728	2.325	ng	87
66) n-Nitrosodiphenylamine	10.680	169	49063	4.498	ng	98
67) 4-Bromophenyl-phenylether	11.057	248	18873	4.647	ng	98
68) Hexachlorobenzene	11.116	284	19735	4.479	ng	# 87
69) Atrazine	11.204	200	16258	4.672	ng	97
70) Pentachlorophenol	11.310	266	7485	3.179	ng	# 83
71) Phenanthrene	11.539	178	86240	4.608	ng	99
72) Anthracene	11.592	178	86281	4.714	ng	99
73) Carbazole	11.745	167	71939	4.676	ng	99
74) Di-n-butylphthalate	12.080	149	86420	4.652	ng	99
75) Fluoranthene	12.739	202	89067	4.586	ng	98
77) Benzidine	12.863	184	32729	6.158	ng	95
78) Pyrene	12.968	202	90883	4.020	ng	97
80) Butylbenzylphthalate	13.592	149	25323	3.703	ng	93
81) Benzo(a)anthracene	14.162	228	71391	4.309	ng	97
82) 3,3'-Dichlorobenzidine	14.127	252	19360	4.402	ng	95
83) Chrysene	14.198	228	68143	4.301	ng	98
84) Bis(2-ethylhexyl)phtha...	14.151	149	35515	4.461	ng	98
85) Di-n-octyl phthalate	14.780	149	42447	3.756	ng	100
87) Indeno(1,2,3-cd)pyrene	17.286	276	44845	3.435	ng	98
88) Benzo(b)fluoranthene	15.251	252	49130	4.241	ng	96
89) Benzo(k)fluoranthene	15.280	252	54787	4.627	ng	99
90) Benzo(a)pyrene	15.645	252	41825	4.397	ng	95
91) Dibenzo(a,h)anthracene	17.309	278	39527	3.679	ng	94
92) Benzo(g,h,i)perylene	17.762	276	40223	3.703	ng	97

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



#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.969 min Scan# 830
Delta R.T. -0.000 min
Lab File: BF131303.D
Acq: 18 Nov 2022 18:12

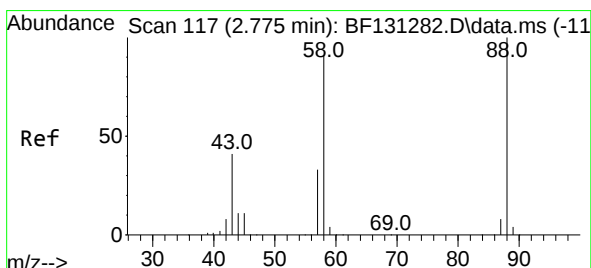
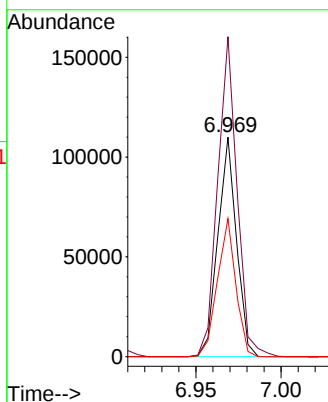
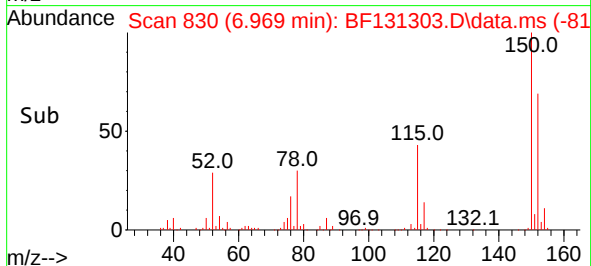
Instrument : BNA_F
ClientSampleId : LOQ-WATER-02-QT4-2022



Tgt Ion: 152 Resp: 83486
Ion Ratio Lower Upper
152 100
150 145.8 117.8 176.6
115 62.9 52.2 78.4

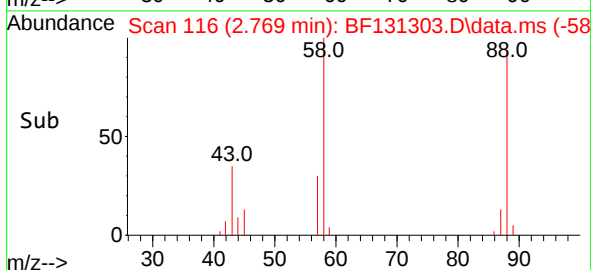
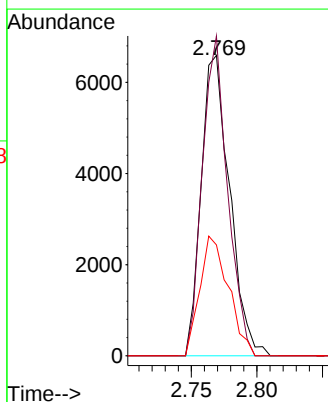
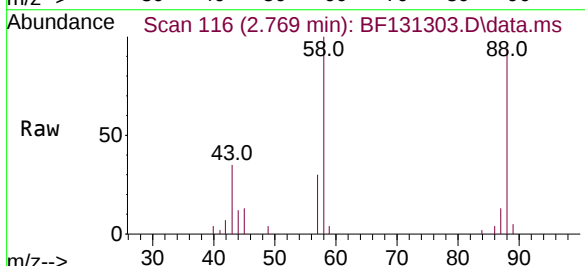
Manual Integrations
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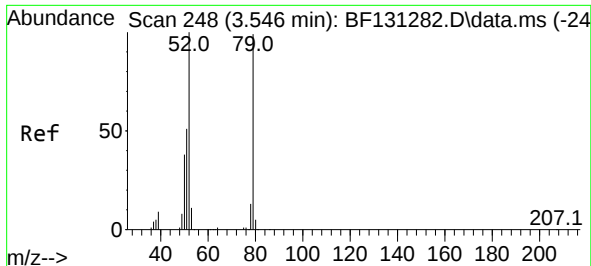
Reviewed By :Christian Giraldo 11/21/2022
Supervised By :Jagrut Upadhyay 11/21/2022



#2
1,4-Dioxane
Concen: 4.724 ng
RT: 2.769 min Scan# 116
Delta R.T. -0.006 min
Lab File: BF131303.D
Acq: 18 Nov 2022 18:12

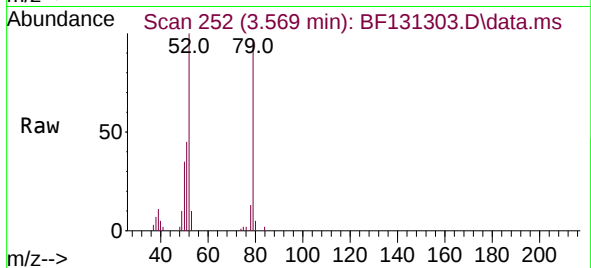
Tgt Ion: 88 Resp: 9963
Ion Ratio Lower Upper
88 100
58 94.0 76.0 114.0
43 40.1 32.4 48.6





#3
Pyridine
Concen: 4.123 ng m
RT: 3.569 min Scan# 248
Delta R.T. 0.023 min
Lab File: BF131303.D
Acq: 18 Nov 2022 18:12

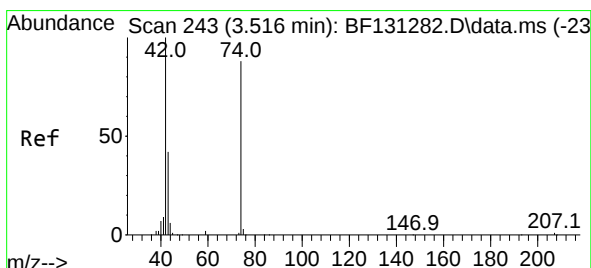
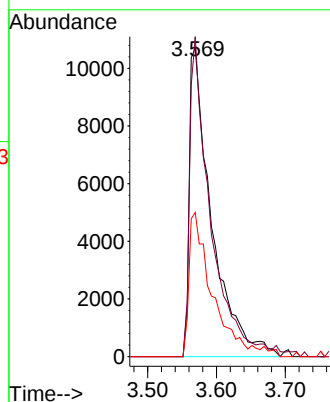
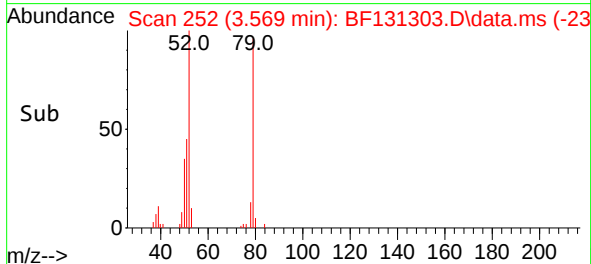
Instrument :
BNA_F
ClientSampleId :
LOQ-WATER-02-QT4-2022



Tgt Ion: 79 Resp: 24229
Ion Ratio Lower Upper
79 100
52 103.7 80.7 121.1
51 46.7 41.6 62.4

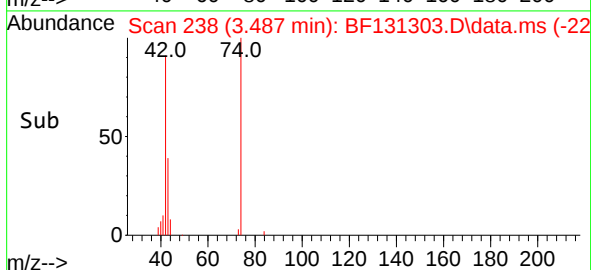
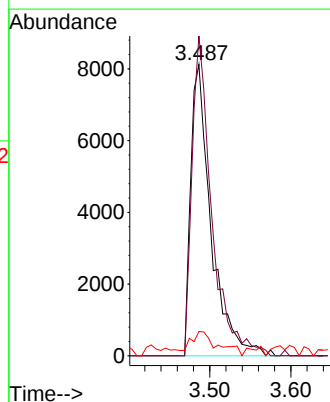
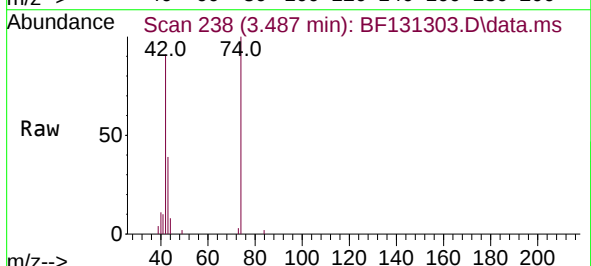
Manual Integrations
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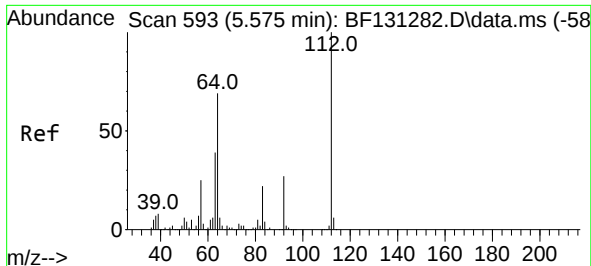
Reviewed By :Christian Giraldo 11/21/2022
Supervised By :Jagrut Upadhyay 11/21/2022



#4
n-Nitrosodimethylamine
Concen: 3.866 ng
RT: 3.487 min Scan# 238
Delta R.T. -0.030 min
Lab File: BF131303.D
Acq: 18 Nov 2022 18:12

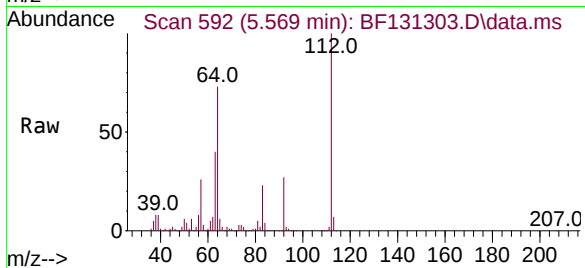
Tgt Ion: 42 Resp: 14095
Ion Ratio Lower Upper
42 100
74 109.8 70.3 105.5#
44 8.4 5.4 8.2#





#5
2-Fluorophenol
Concen: 97.591 ng
RT: 5.569 min Scan# 593
Delta R.T. -0.006 min
Lab File: BF131303.D
Acq: 18 Nov 2022 18:12

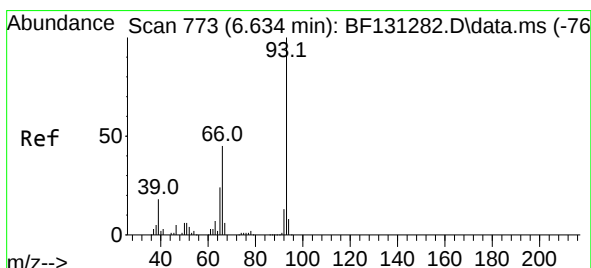
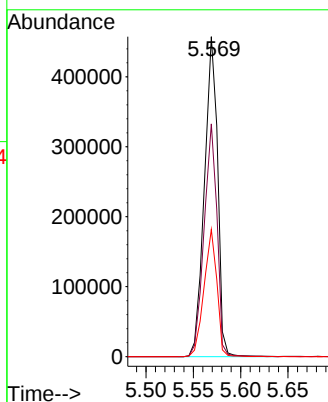
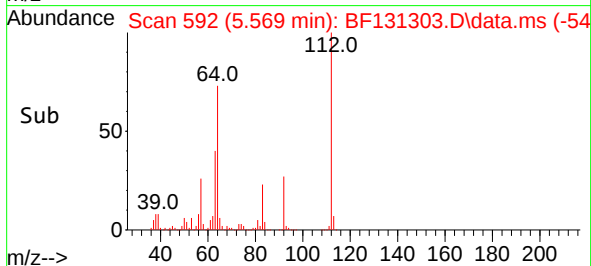
Instrument :
BNA_F
ClientSampleId :
LOQ-WATER-02-QT4-2022



Tgt Ion:112 Resp: 445135
Ion Ratio Lower Upper
112 100
64 72.7 55.5 83.3
63 39.7 31.0 46.6

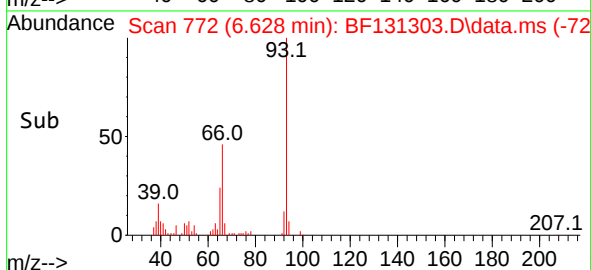
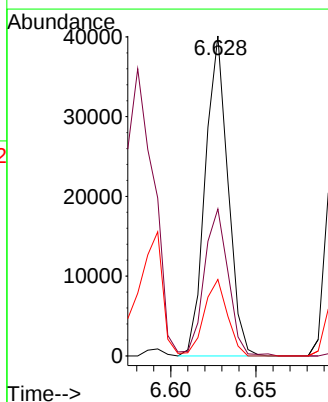
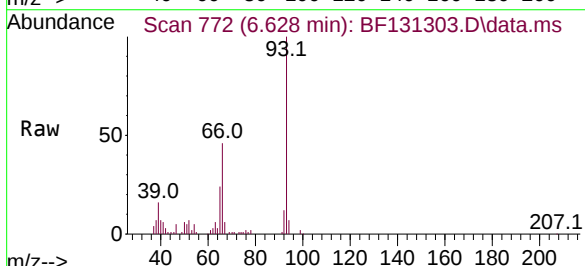
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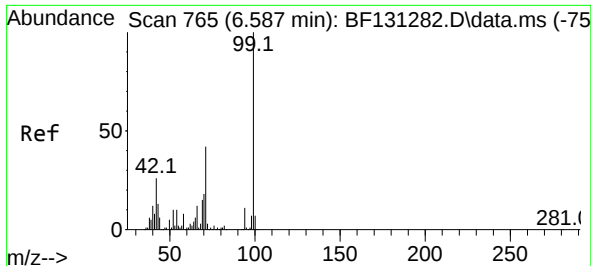
Reviewed By :Christian Giraldo 11/21/2022
Supervised By :Jagrut Upadhyay 11/21/2022



#6
Aniline
Concen: 5.136 ng
RT: 6.628 min Scan# 772
Delta R.T. -0.006 min
Lab File: BF131303.D
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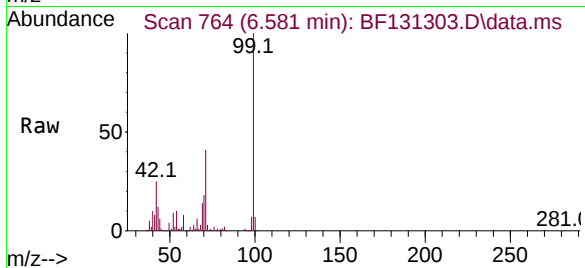
Tgt Ion: 93 Resp: 37168
Ion Ratio Lower Upper
93 100
66 45.9 37.7 56.5
65 23.9 19.5 29.3





#7
Phenol-d6
Concen: 94.618 ng
RT: 6.581 min Scan# 764
Delta R.T. -0.006 min
Lab File: BF131303.D
Acq: 18 Nov 2022 18:12

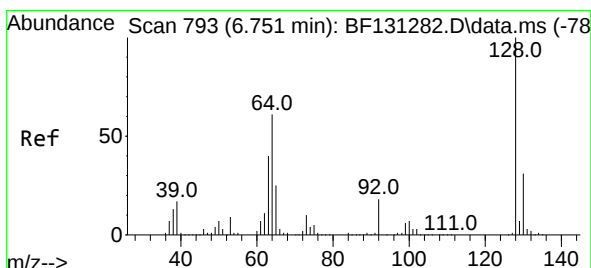
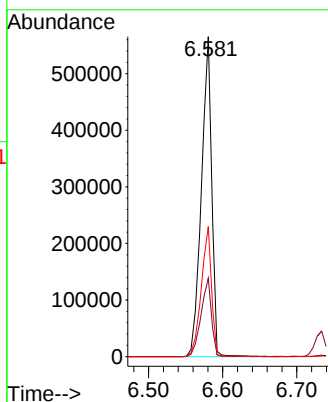
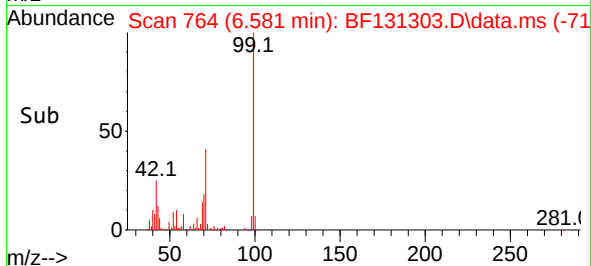
Instrument :
BNA_F
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LOQ-WATER-02-QT4-2022



Tgt Ion: 99 Resp: 54712
Ion Ratio Lower Upper
99 100
42 24.5 21.2 31.8
71 40.6 33.8 50.6

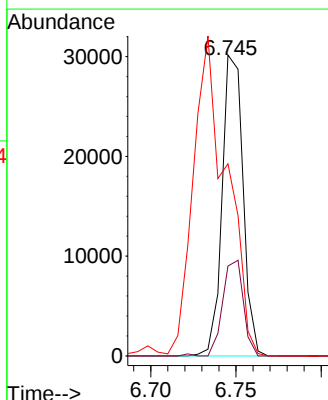
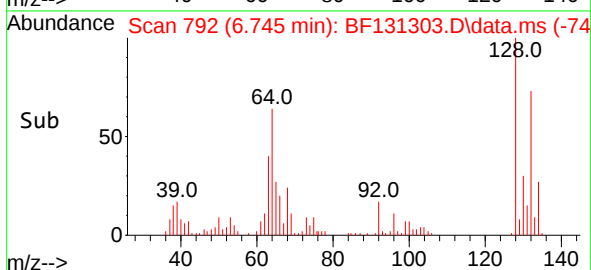
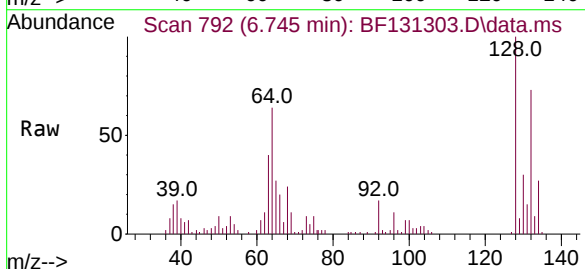
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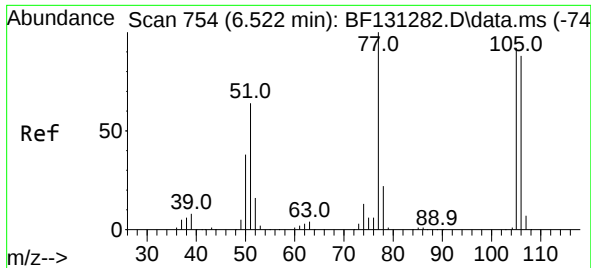
Reviewed By :Christian Giraldo 11/21/2022
Supervised By :Jagrut Upadhyay 11/21/2022



#8
2-Chlorophenol
Concen: 5.092 ng
RT: 6.745 min Scan# 792
Delta R.T. -0.006 min
Lab File: BF131303.D
Acq: 18 Nov 2022 18:12

Tgt Ion:128 Resp: 25707
Ion Ratio Lower Upper
128 100
130 29.8 11.4 51.4
64 63.9 40.9 80.9





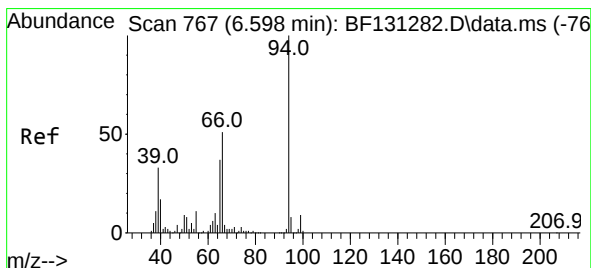
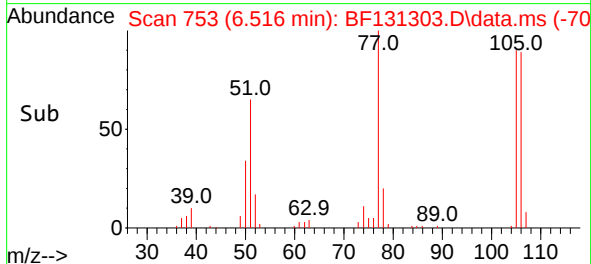
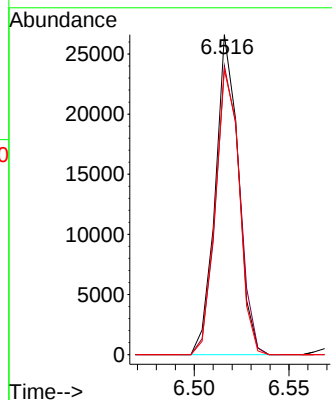
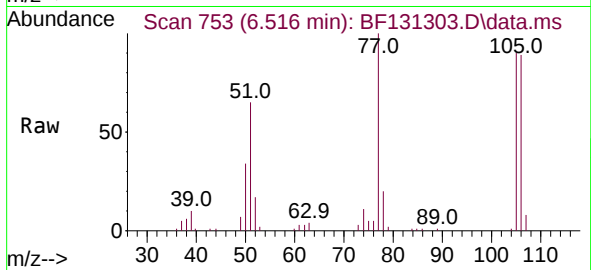
#9
Benzaldehyde
Concen: 5.363 ng
RT: 6.516 min Scan# 753
Delta R.T. -0.006 min
Lab File: BF131303.D
Acq: 18 Nov 2022 18:12

Instrument :
BNA_F
ClientSampleId :
LOQ-WATER-02-QT4-2022

Tgt Ion: 77 Resp: 22513
Ion Ratio Lower Upper
77 100
105 90.3 72.5 112.5
106 89.0 67.7 107.7

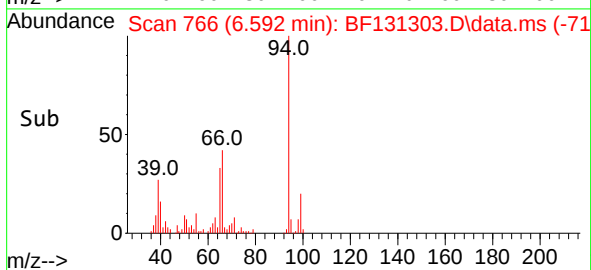
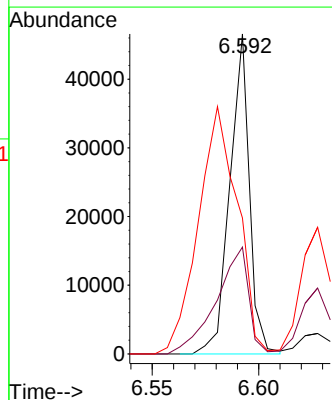
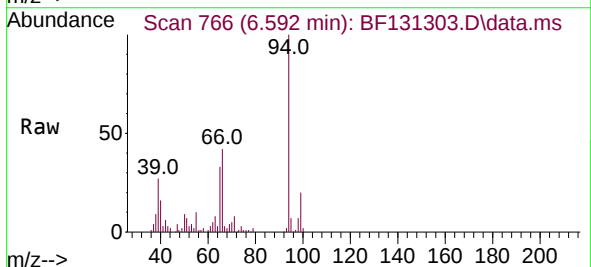
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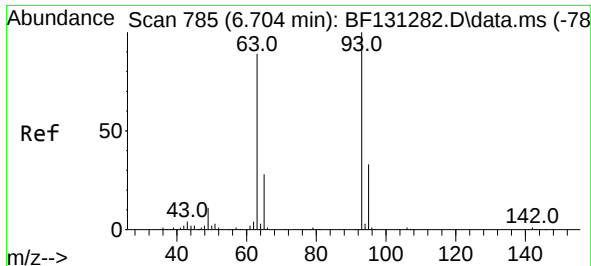
Reviewed By :Christian Giraldo 11/21/2022
Supervised By :Jagrut Upadhyay 11/21/2022



#10
Phenol
Concen: 4.639 ng
RT: 6.592 min Scan# 766
Delta R.T. -0.006 min
Lab File: BF131303.D
Acq: 18 Nov 2022 18:12

Tgt Ion: 94 Resp: 29688
Ion Ratio Lower Upper
94 100
65 33.4 16.8 56.8
66 42.5 31.4 71.4





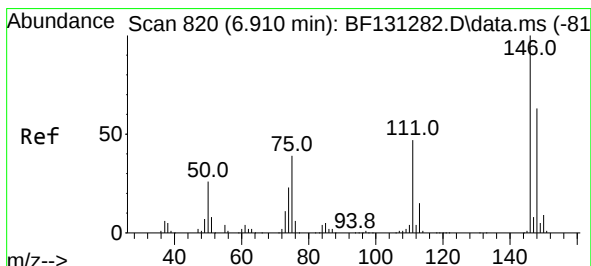
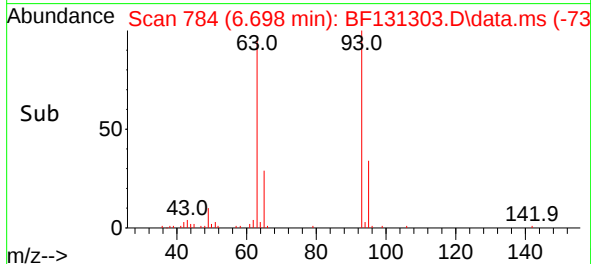
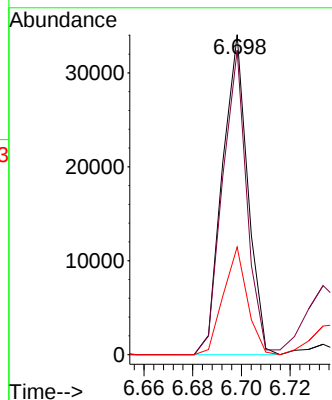
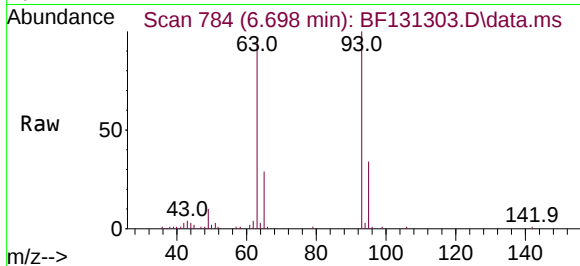
#11
bis(2-Chloroethyl)ether
Concen: 4.789 ng
RT: 6.698 min Scan# 785
Delta R.T. -0.006 min
Lab File: BF131303.D
Acq: 18 Nov 2022 18:12

Instrument :
BNA_F
ClientSampleId :
LOQ-WATER-02-QT4-2022

Tgt Ion: 93 Resp: 24672
Ion Ratio Lower Upper
93 100
63 95.1 68.8 108.8
95 33.7 12.4 52.4

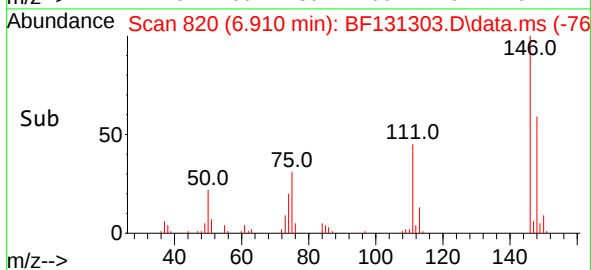
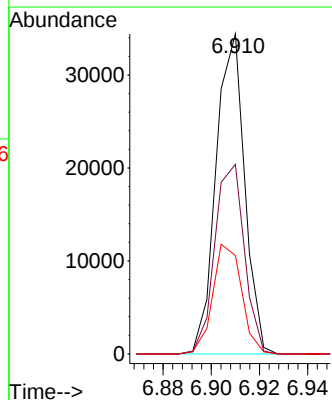
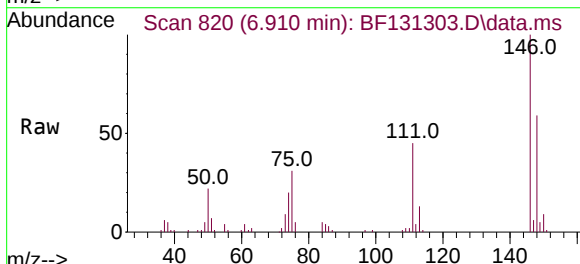
Manual Integrations
APPROVED

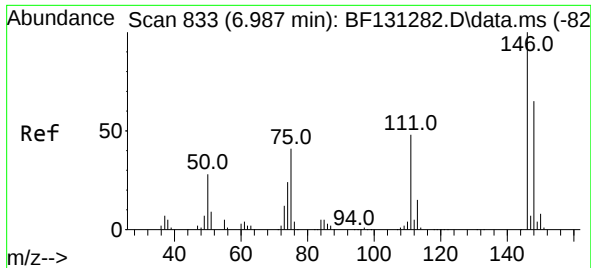
Reviewed By :Christian Giraldo 11/21/2022
Supervised By :Jagrut Upadhyay 11/21/2022



#12
1,3-Dichlorobenzene
Concen: 4.734 ng m
RT: 6.910 min Scan# 820
Delta R.T. -0.000 min
Lab File: BF131303.D
Acq: 18 Nov 2022 18:12

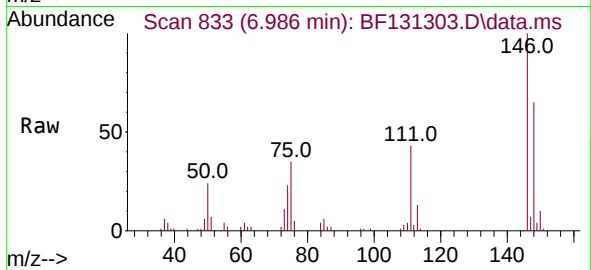
Tgt Ion:146 Resp: 28433
Ion Ratio Lower Upper
146 100
148 59.2 50.4 75.6
75 30.7 30.9 46.3#





#13
1,4-Dichlorobenzene
Concen: 4.683 ng
RT: 6.986 min Scan# 841
Delta R.T. -0.000 min
Lab File: BF131303.D
Acq: 18 Nov 2022 18:12

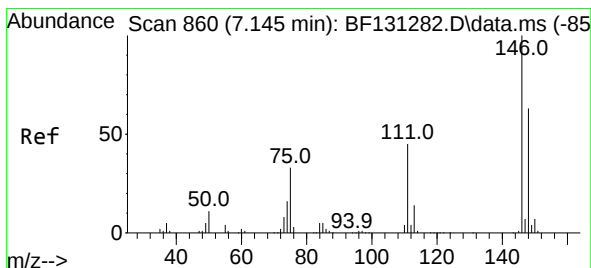
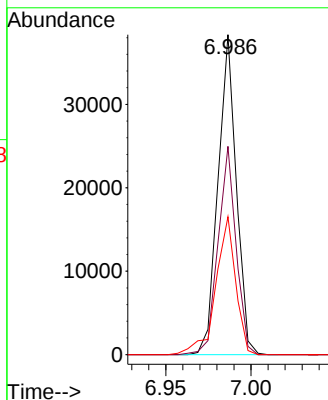
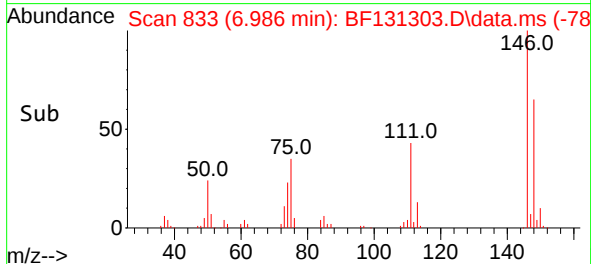
Instrument :
BNA_F
ClientSampleId :
LOQ-WATER-02-QT4-2022



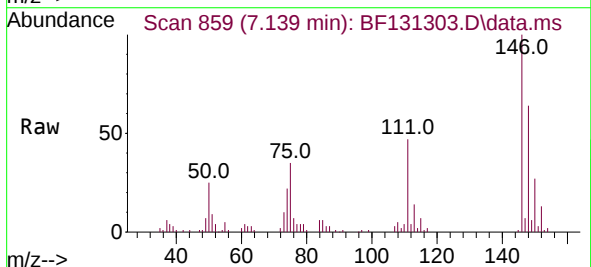
Tgt Ion:146 Resp: 28603
Ion Ratio Lower Upper
146 100
148 65.1 51.9 77.9
111 43.1 38.3 57.5

Manual Integrations
APPROVED

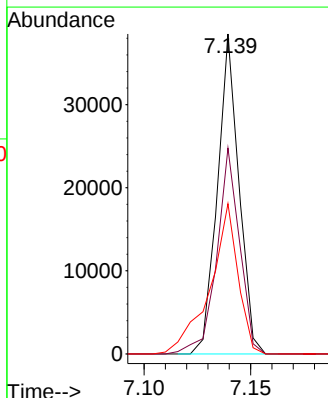
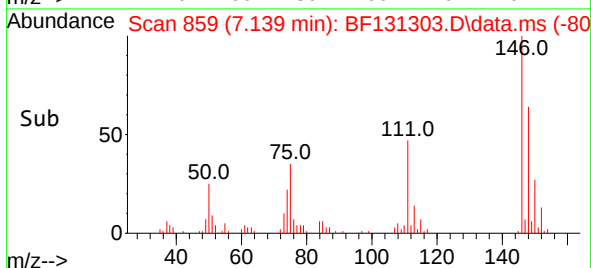
Reviewed By :Christian Giraldo 11/21/2022
Supervised By :Jagrut Upadhyay 11/21/2022

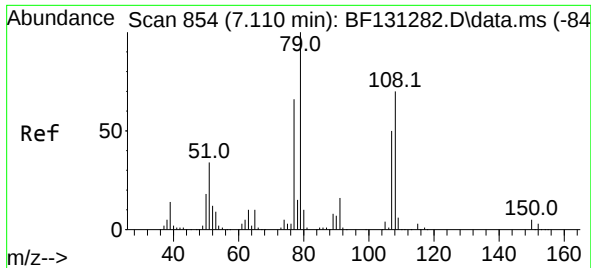


#14
1,2-Dichlorobenzene
Concen: 4.751 ng
RT: 7.139 min Scan# 859
Delta R.T. -0.006 min
Lab File: BF131303.D
Acq: 18 Nov 2022 18:12



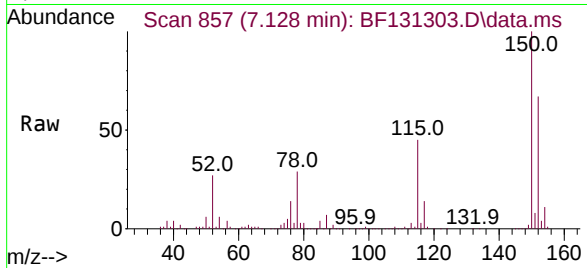
Tgt Ion:146 Resp: 27009
Ion Ratio Lower Upper
146 100
148 64.3 50.6 75.8
111 46.9 36.4 54.6





#15
Benzyl Alcohol
Concen: 3.687 ng
RT: 7.128 min Scan# 854
Delta R.T. 0.017 min
Lab File: BF131303.D
Acq: 18 Nov 2022 18:12

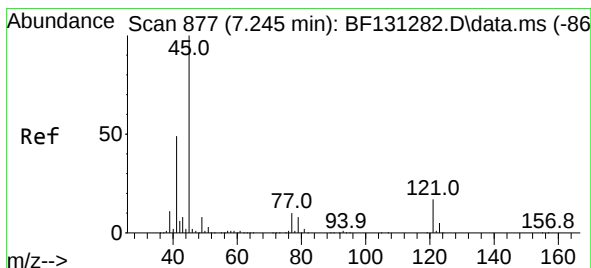
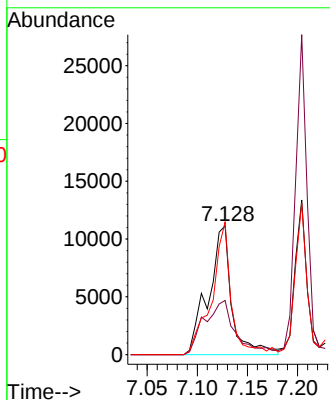
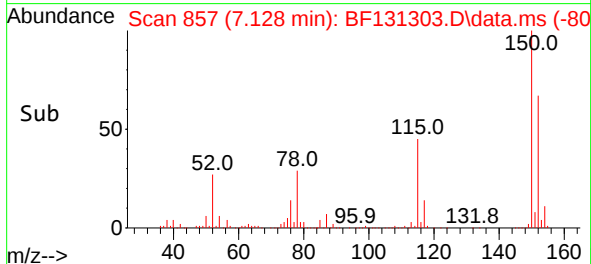
Instrument :
BNA_F
ClientSampleId :
LOQ-WATER-02-QT4-2022



Tgt Ion: 79 Resp: 18159
Ion Ratio Lower Upper
79 100
108 42.0 56.3 84.5
77 102.8 52.5 78.7

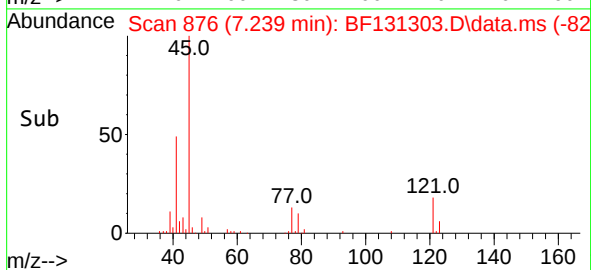
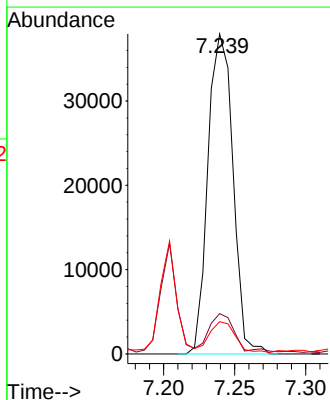
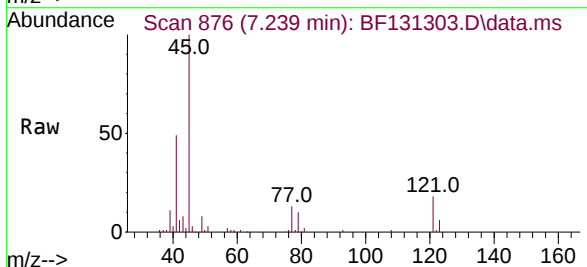
Manual Integrations
APPROVED

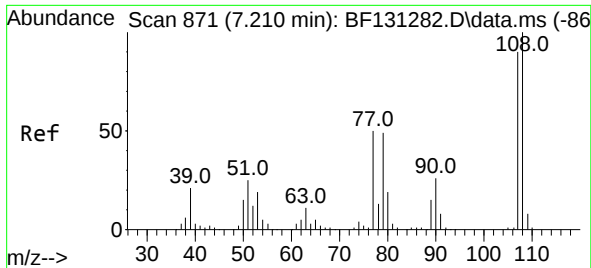
Reviewed By :Christian Giraldo 11/21/2022
Supervised By :Jagrut Upadhyay 11/21/2022



#16
2,2'-oxybis(1-Chloropropane)
Concen: 4.770 ng
RT: 7.239 min Scan# 876
Delta R.T. -0.006 min
Lab File: BF131303.D
Acq: 18 Nov 2022 18:12

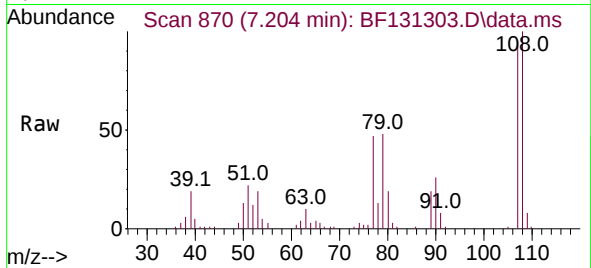
Tgt Ion: 45 Resp: 46523
Ion Ratio Lower Upper
45 100
77 12.6 0.0 30.8
79 10.1 0.0 28.4





#17
2-Methylphenol
Concen: 4.605 ng
RT: 7.204 min Scan# 871
Delta R.T. -0.006 min
Lab File: BF131303.D
Acq: 18 Nov 2022 18:12

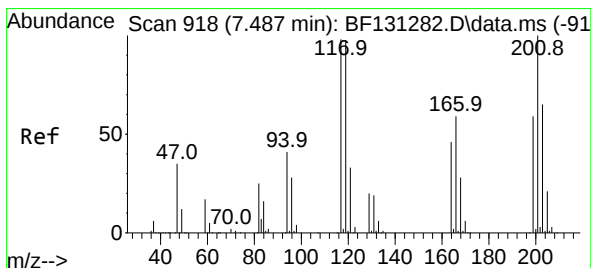
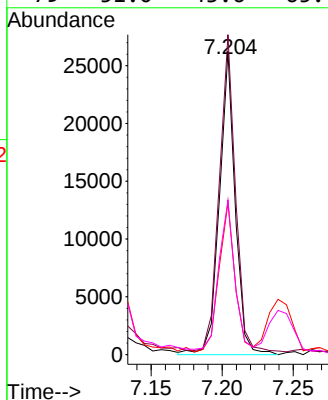
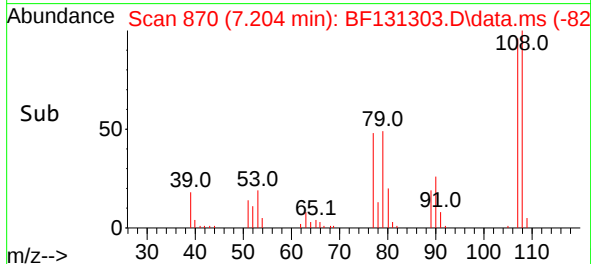
Instrument : BNA_F
ClientSampleId :
LOQ-WATER-02-QT4-2022



Tgt Ion:107 Resp: 20328
Ion Ratio Lower Upper
107 100
108 105.5 89.2 133.8
77 50.0 45.0 67.4
79 51.0 43.6 65.4

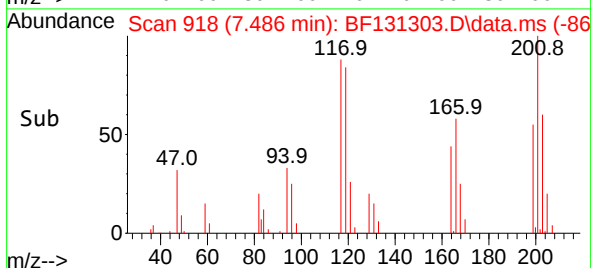
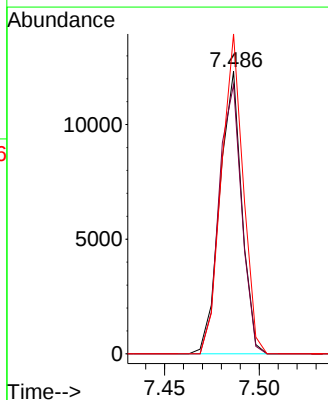
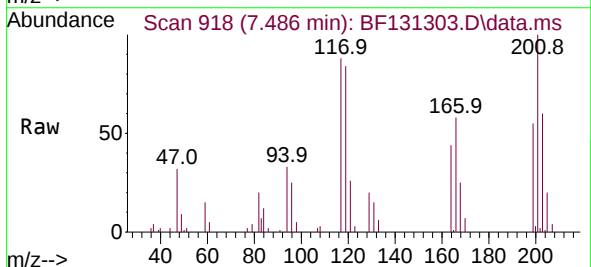
Manual Integrations
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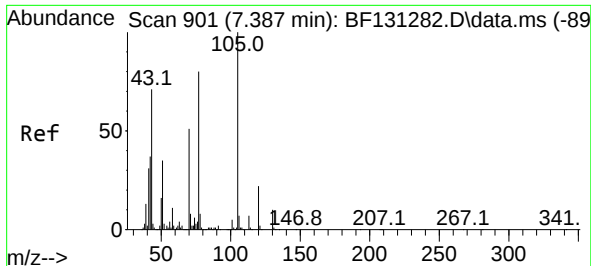
Reviewed By :Christian Giraldo 11/21/2022
Supervised By :Jagrut Upadhyay 11/21/2022



#18
Hexachloroethane
Concen: 4.584 ng
RT: 7.486 min Scan# 918
Delta R.T. -0.000 min
Lab File: BF131303.D
Acq: 18 Nov 2022 18:12

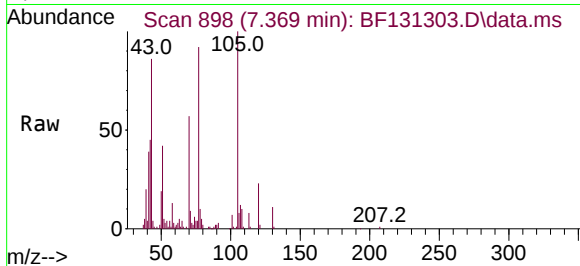
Tgt Ion:117 Resp: 9955
Ion Ratio Lower Upper
117 100
119 95.3 79.0 118.4
201 113.3 81.7 122.5





#19
n-Nitroso-di-n-propylamine
Concen: 4.405 ng
RT: 7.369 min Scan# 89
Delta R.T. -0.018 min
Lab File: BF131303.D
Acq: 18 Nov 2022 18:12

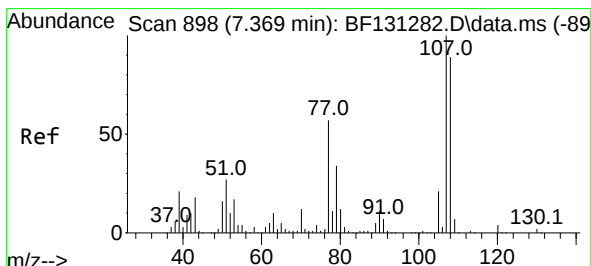
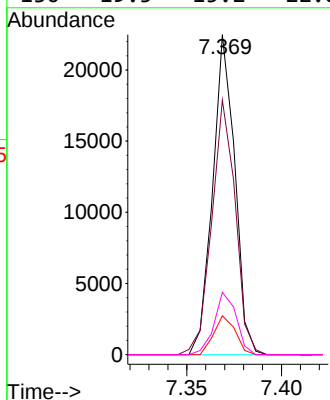
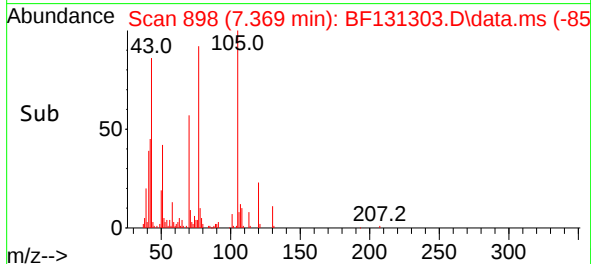
Instrument :
BNA_F
ClientSampleId :
LOQ-WATER-02-QT4-2022



Tgt Ion: 70 Resp: 1832
Ion Ratio Lower Upper
70 100
42 79.6 58.9 88.3
101 12.1 7.2 10.8
130 19.5 15.2 22.8

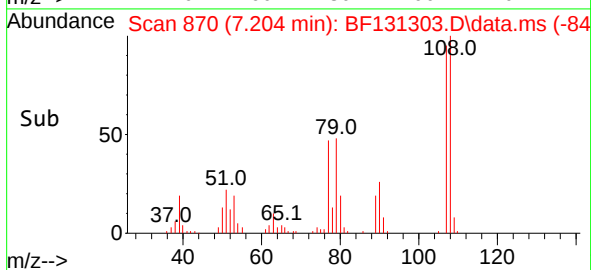
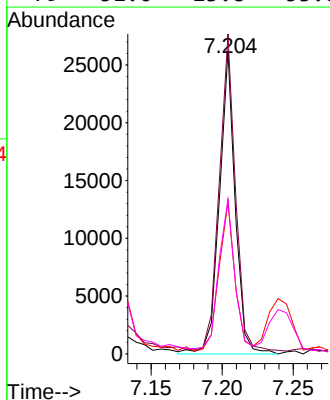
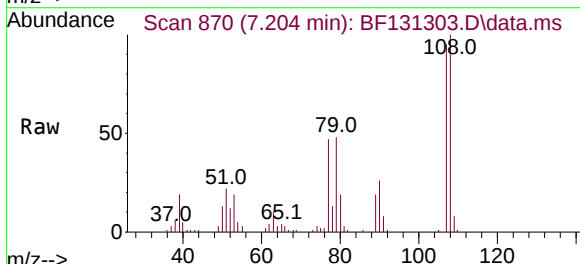
Manual Integrations
APPROVED

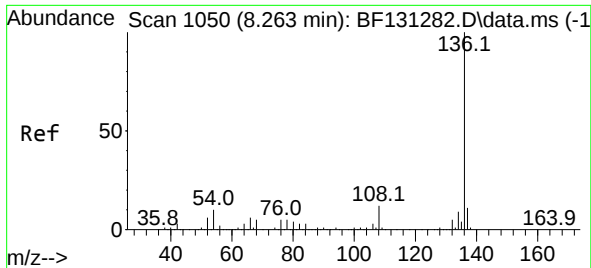
Reviewed By :Christian Giraldo 11/21/2022
Supervised By :Jagrut Upadhyay 11/21/2022



#20
3+4-Methylphenols
Concen: 3.606 ng
RT: 7.204 min Scan# 870
Delta R.T. -0.165 min
Lab File: BF131303.D
Acq: 18 Nov 2022 18:12

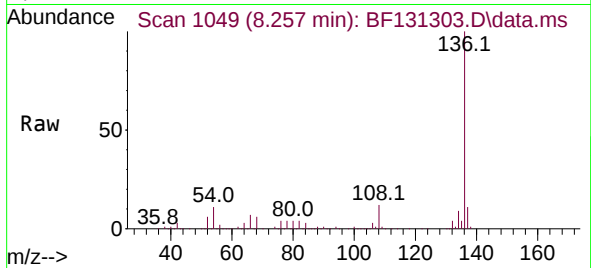
Tgt Ion:107 Resp: 20328
Ion Ratio Lower Upper
107 100
108 105.5 69.0 109.0
77 50.0 36.9 76.9
79 51.0 13.8 53.8





#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.257 min Scan# 1049
Delta R.T. -0.006 min
Lab File: BF131303.D
Acq: 18 Nov 2022 18:12

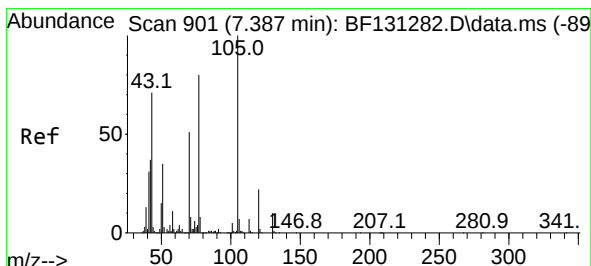
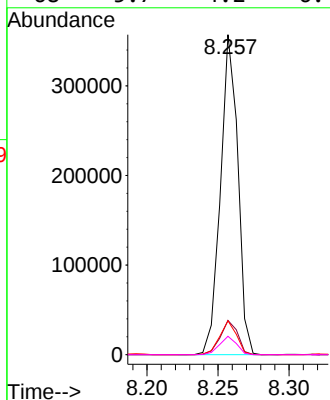
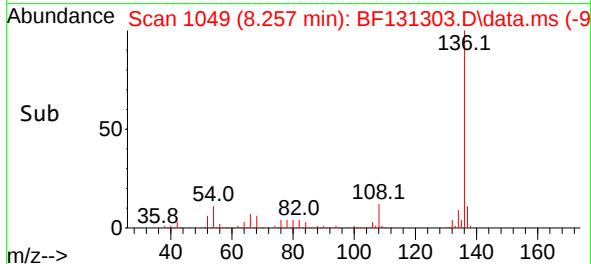
Instrument :
BNA_F
ClientSampleId :
LOQ-WATER-02-QT4-2022



Tgt Ion:136 Resp: 304562
Ion Ratio Lower Upper
136 100
137 10.7 8.6 12.8
54 10.6 8.2 12.2
68 5.7 4.2 6.4

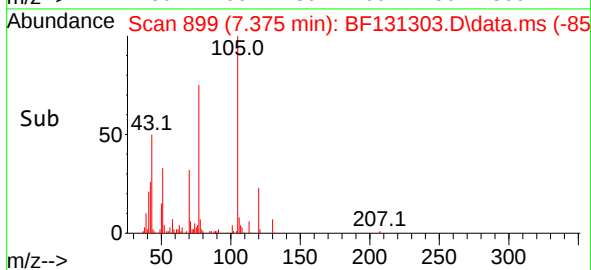
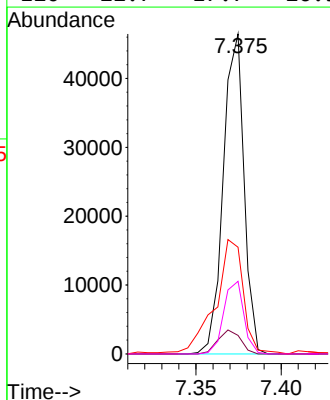
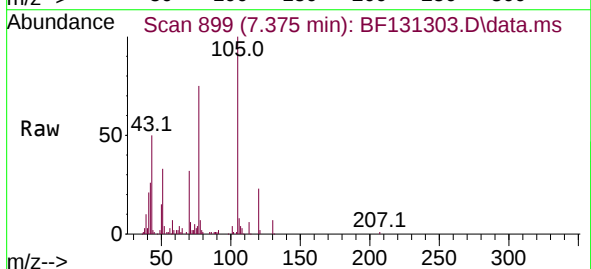
Manual Integrations
APPROVED

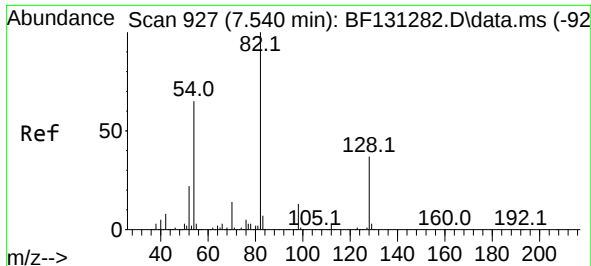
Reviewed By :Christian Giraldo 11/21/2022
Supervised By :Jagrut Upadhyay 11/21/2022



#22
Acetophenone
Concen: 4.881 ng
RT: 7.375 min Scan# 899
Delta R.T. -0.012 min
Lab File: BF131303.D
Acq: 18 Nov 2022 18:12

Tgt Ion:105 Resp: 39284
Ion Ratio Lower Upper
105 100
71 5.8 6.4 9.6#
51 33.3 28.0 42.0
120 22.7 17.7 26.5





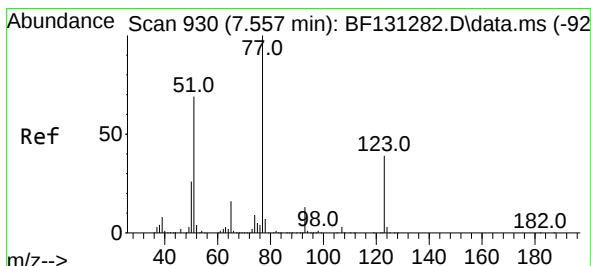
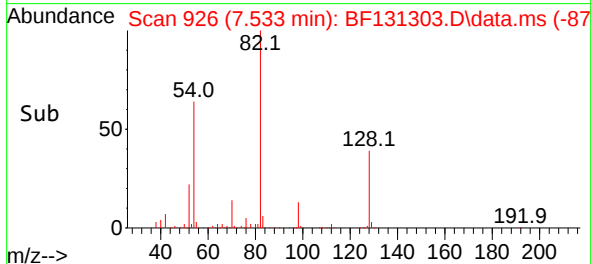
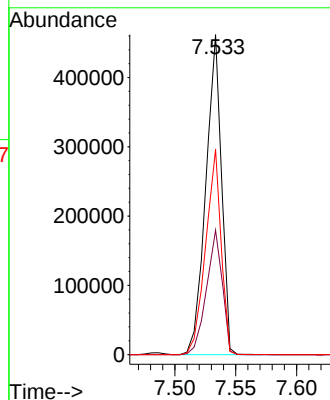
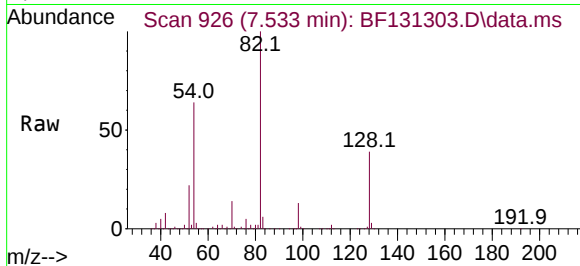
#23
Nitrobenzene-d5
Concen: 72.699 ng
RT: 7.533 min Scan# 91
Delta R.T. -0.007 min
Lab File: BF131303.D
Acq: 18 Nov 2022 18:12

Instrument :
BNA_F
ClientSampleId :
LOQ-WATER-02-QT4-2022

Tgt Ion: 82 Resp: 414503
Ion Ratio Lower Upper
82 100
128 38.9 29.2 43.8
54 64.1 52.2 78.4

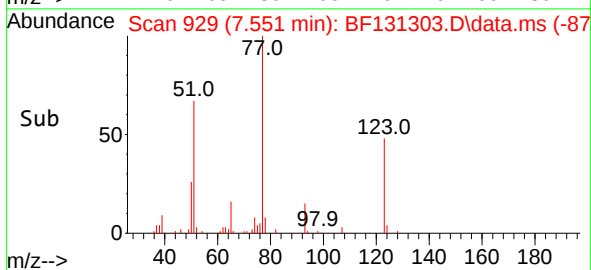
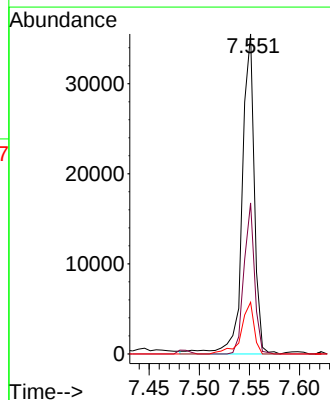
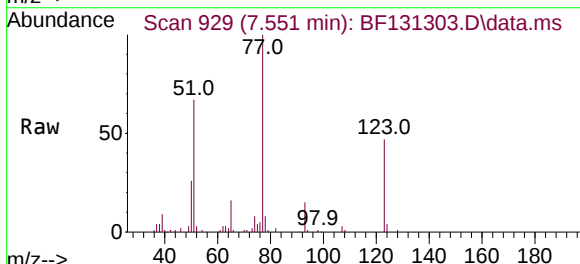
Manual Integrations
APPROVED

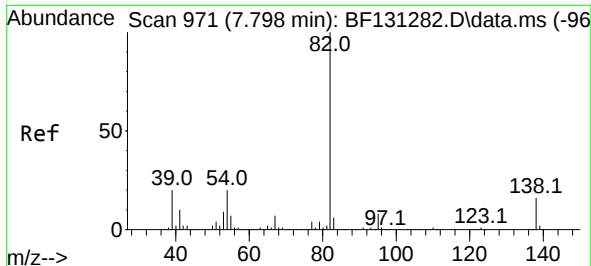
Reviewed By :Christian Giraldo 11/21/2022
Supervised By :Jagrut Upadhyay 11/21/2022



#24
Nitrobenzene
Concen: 5.183 ng
RT: 7.551 min Scan# 929
Delta R.T. -0.006 min
Lab File: BF131303.D
Acq: 18 Nov 2022 18:12

Tgt Ion: 77 Resp: 29914
Ion Ratio Lower Upper
77 100
123 47.2 31.0 46.6#
65 16.1 12.6 19.0





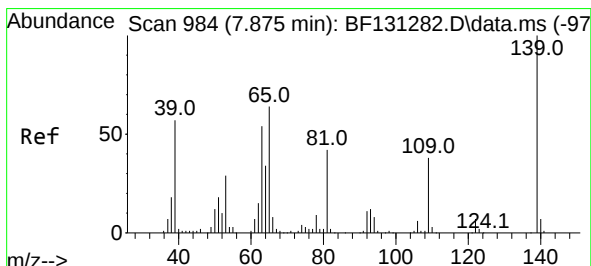
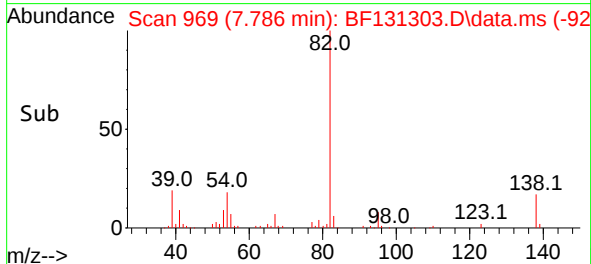
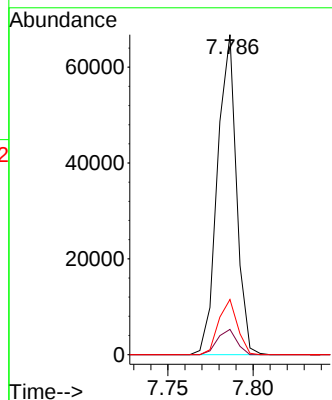
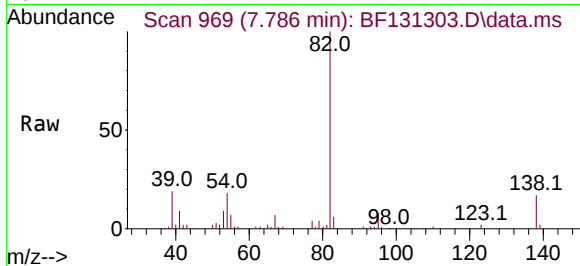
#25
Isophorone
Concen: 4.746 ng
RT: 7.786 min Scan# 90
Delta R.T. -0.012 min
Lab File: BF131303.D
Acq: 18 Nov 2022 18:12

Instrument :
BNA_F
ClientSampleId :
LOQ-WATER-02-QT4-2022

Tgt Ion: 82 Resp: 51660
Ion Ratio Lower Upper
82 100
95 7.9 6.6 9.8
138 17.2 13.0 19.6

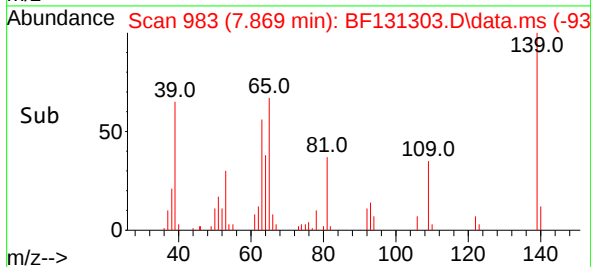
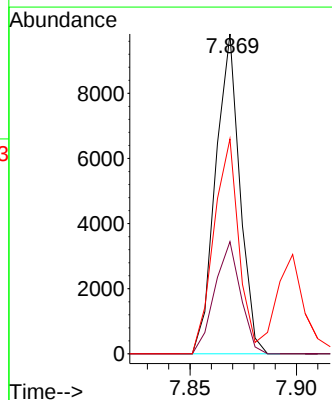
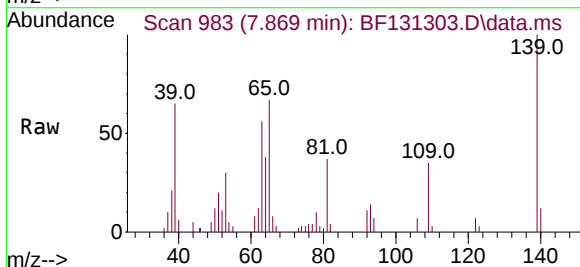
Manual Integrations
APPROVED

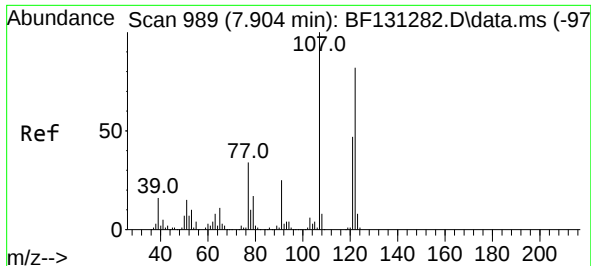
Reviewed By :Christian Giraldo 11/21/2022
Supervised By :Jagrut Upadhyay 11/21/2022



#26
2-Nitrophenol
Concen: 4.248 ng
RT: 7.869 min Scan# 983
Delta R.T. -0.006 min
Lab File: BF131303.D
Acq: 18 Nov 2022 18:12

Tgt Ion:139 Resp: 7765
Ion Ratio Lower Upper
139 100
109 35.1 30.4 45.6
65 67.2 51.5 77.3





#27

2,4-Dimethylphenol

Concen: 4.757 ng

RT: 7.898 min Scan# 98

Delta R.T. -0.006 min

Lab File: BF131303.D

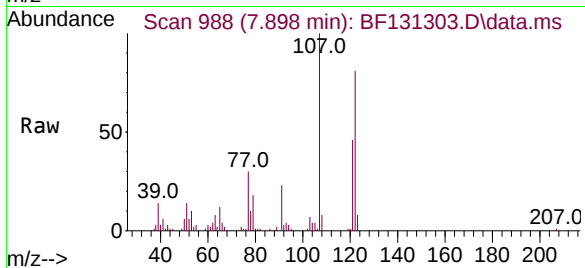
Acq: 18 Nov 2022 18:12

Instrument :

BNA_F

ClientSampleId :

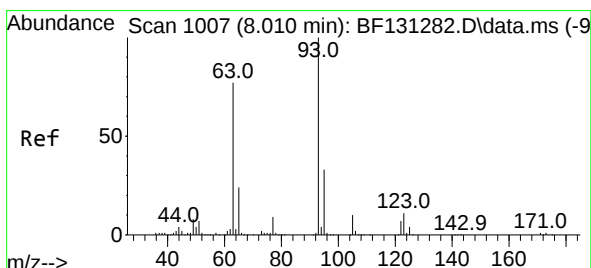
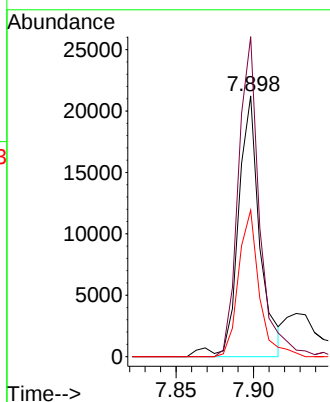
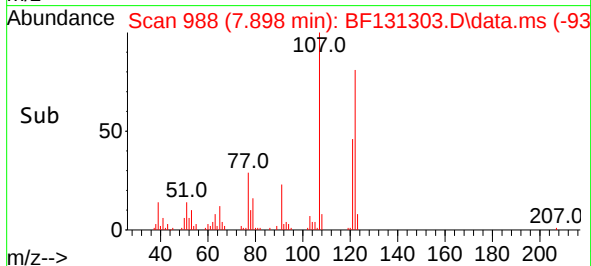
LOQ-WATER-02-QT4-2022



Tgt Ion:	122	Resp:	2035
Ion Ratio	Lower	Upper	
122	100		
107	122.7	98.2	147.2
121	56.2	46.3	69.5

Manual Integrations
APPROVED

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



#28

bis(2-Chloroethoxy)methane

Concen: 5.149 ng

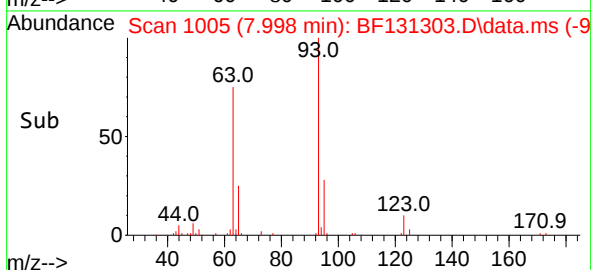
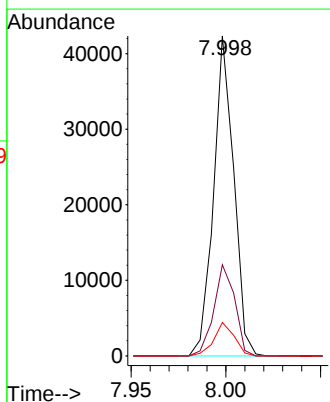
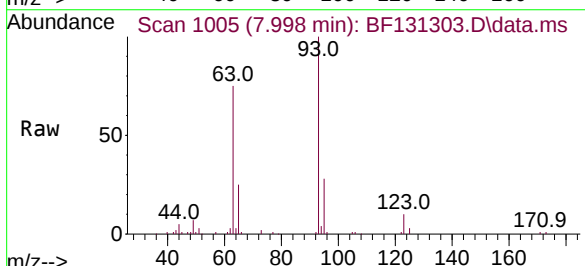
RT: 7.998 min Scan# 1005

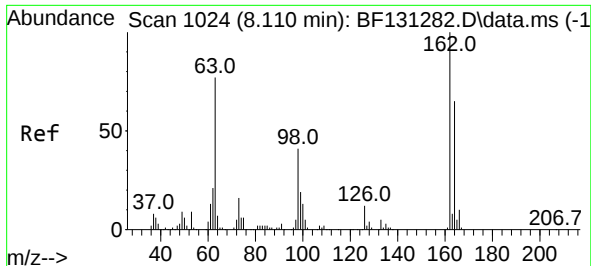
Delta R.T. -0.012 min

Lab File: BF131303.D

Acq: 18 Nov 2022 18:12

Tgt Ion:	93	Resp:	31304
Ion Ratio	Lower	Upper	
93	100		
95	28.5	26.4	39.6
123	10.4	9.3	13.9





#29

2,4-Dichlorophenol

Concen: 4.609 ng

RT: 8.104 min Scan# 1023

Delta R.T. -0.006 min

Lab File: BF131303.D

Acq: 18 Nov 2022 18:12

Instrument :

BNA_F

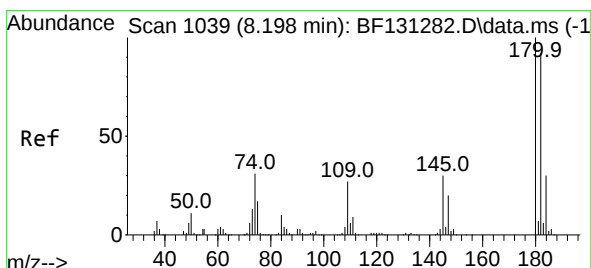
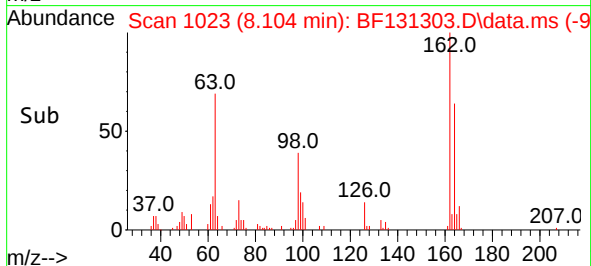
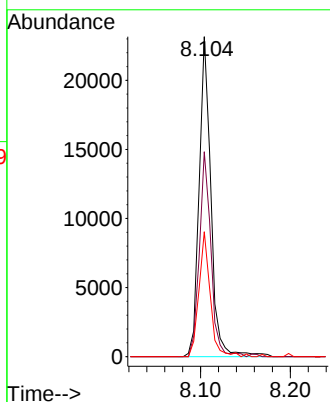
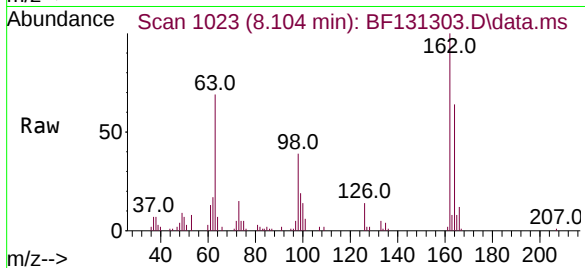
ClientSampleId :

LOQ-WATER-02-QT4-2022

Tgt Ion:	162	Resp:	2112
Ion Ratio	Lower	Upper	
162	100		
164	64.0	44.7	84.7
98	39.0	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: 4.542 ng

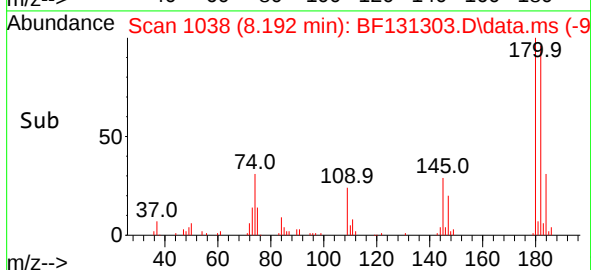
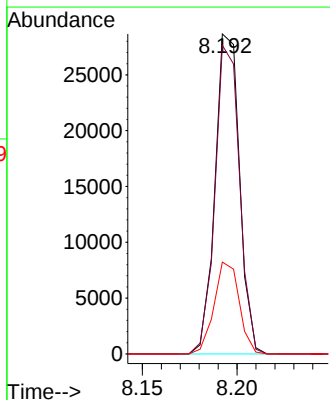
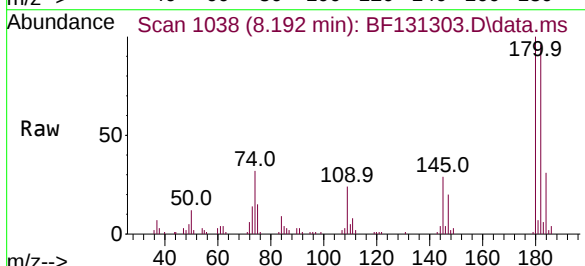
RT: 8.192 min Scan# 1038

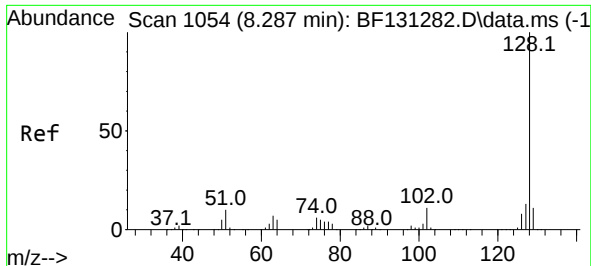
Delta R.T. -0.006 min

Lab File: BF131303.D

Acq: 18 Nov 2022 18:12

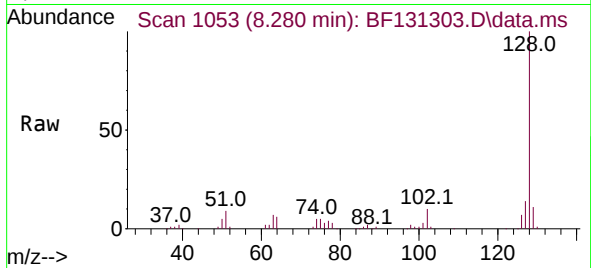
Tgt Ion:	180	Resp:	25844
Ion Ratio	Lower	Upper	
180	100		
182	96.4	74.0	111.0
145	28.7	23.8	35.6





#31
Naphthalene
Concen: 4.638 ng
RT: 8.280 min Scan# 1054
Delta R.T. -0.007 min
Lab File: BF131303.D
Acq: 18 Nov 2022 18:12

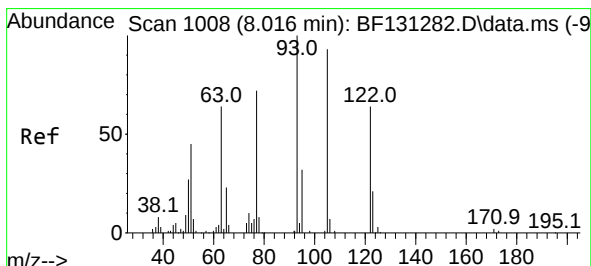
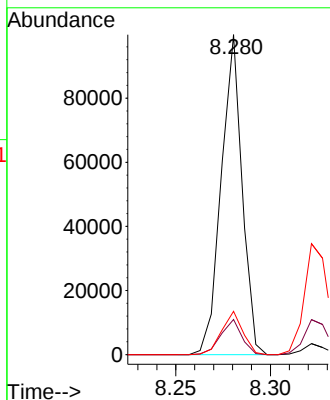
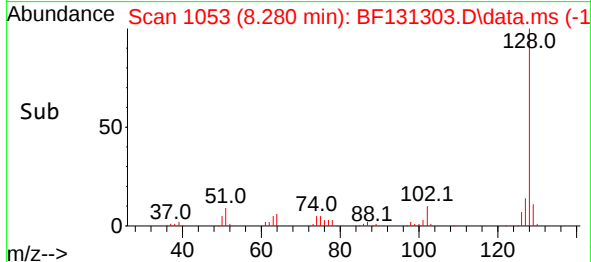
Instrument : BNA_F
ClientSampleId :
LOQ-WATER-02-QT4-2022



Tgt Ion:128 Resp: 76600
Ion Ratio Lower Upper
128 100
129 11.0 8.6 13.0
127 13.5 10.6 16.0

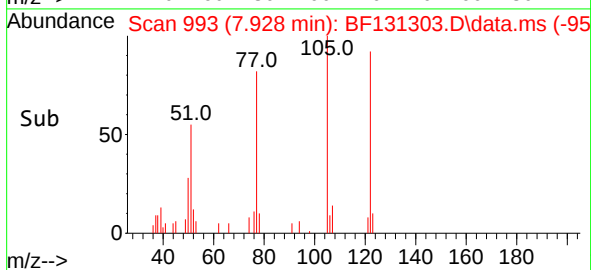
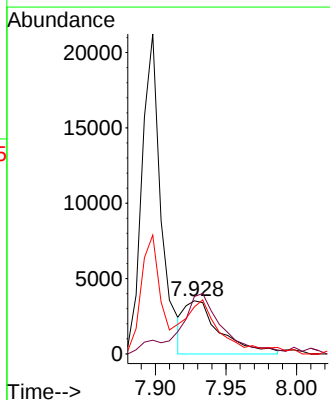
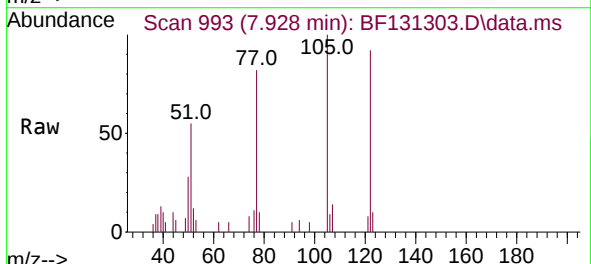
Manual Integrations
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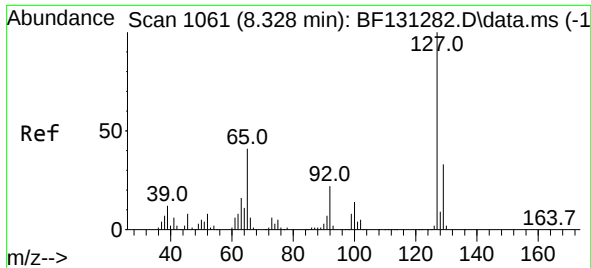
Reviewed By :Christian Giraldo 11/21/2022
Supervised By :Jagrut Upadhyay 11/21/2022



#32
Benzoic acid
Concen: 2.412 ng m
RT: 7.928 min Scan# 993
Delta R.T. -0.088 min
Lab File: BF131303.D
Acq: 18 Nov 2022 18:12

Tgt Ion:122 Resp: 6176
Ion Ratio Lower Upper
122 100
105 108.2 121.4 161.4#
77 88.8 91.2 131.2#





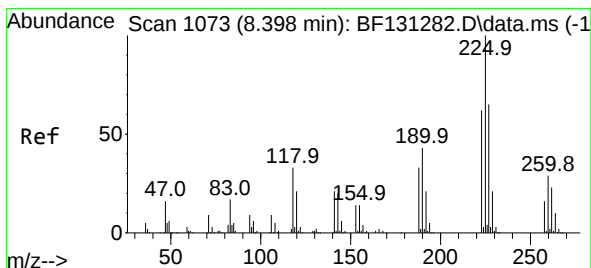
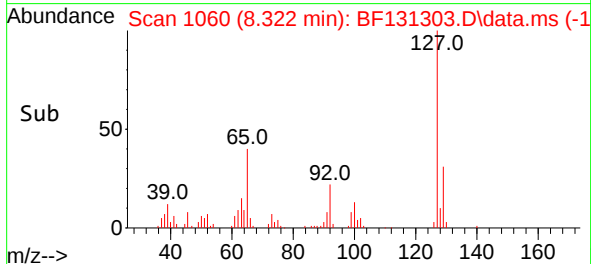
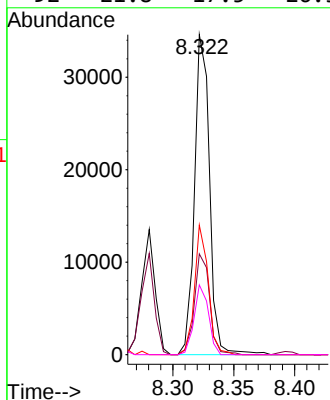
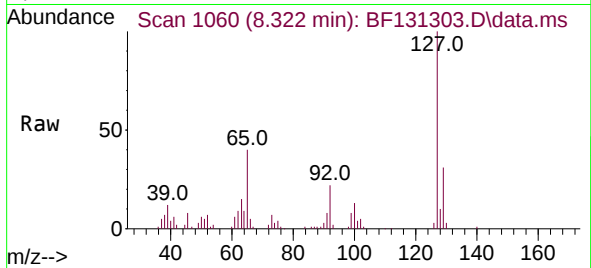
#33
4-Chloroaniline
Concen: 4.630 ng
RT: 8.322 min Scan# 1061
Delta R.T. -0.006 min
Lab File: BF131303.D
Acq: 18 Nov 2022 18:12

Instrument : BNA_F
ClientSampleId : LOQ-WATER-02-QT4-2022

Tgt Ion:	127	Resp:	29704
Ion Ratio	Lower	Upper	
127	100		
129	31.5	26.6	40.0
65	40.5	33.2	49.8
92	21.8	17.5	26.3

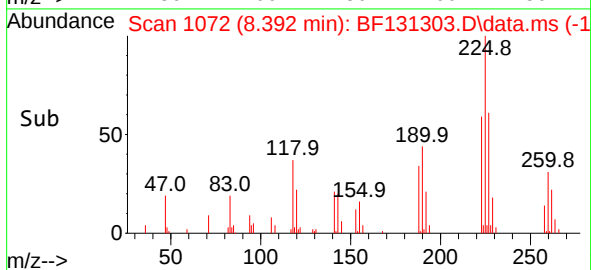
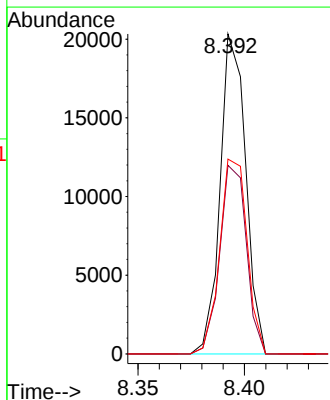
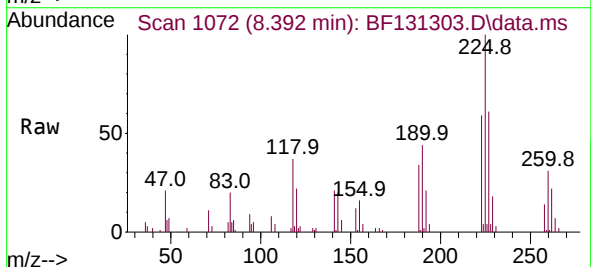
Manual Integrations
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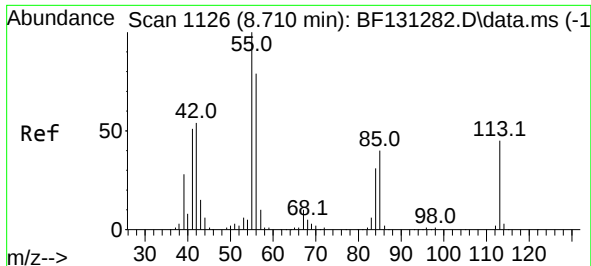
Reviewed By :Christian Giraldo 11/21/2022
Supervised By :Jagrut Upadhyay 11/21/2022



#34
Hexachlorobutadiene
Concen: 4.500 ng
RT: 8.392 min Scan# 1072
Delta R.T. -0.006 min
Lab File: BF131303.D
Acq: 18 Nov 2022 18:12

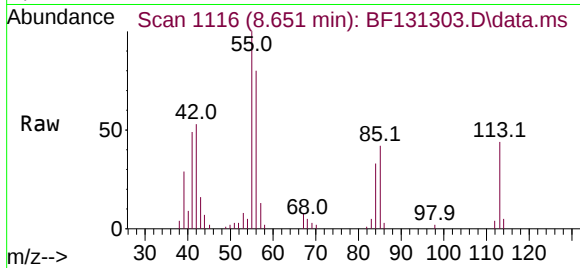
Tgt Ion:	225	Resp:	16921
Ion Ratio	Lower	Upper	
225	100		
223	58.9	49.4	74.2
227	60.9	51.7	77.5





#35
 Caprolactam
 Concen: 4.340 ng
 RT: 8.651 min Scan# 1116
 Delta R.T. -0.059 min
 Lab File: BF131303.D
 Acq: 18 Nov 2022 18:12

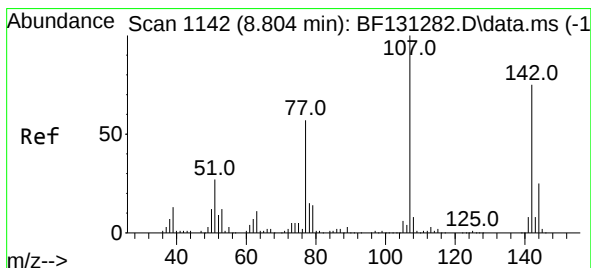
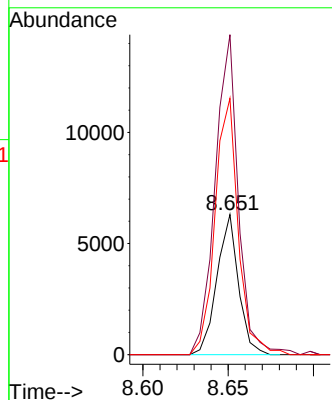
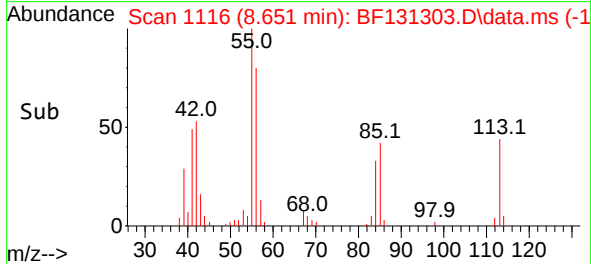
Instrument : BNA_F
 ClientSampleId :
 LOQ-WATER-02-QT4-2022



Tgt Ion:113 Resp: 5538
 Ion Ratio Lower Upper
 113 100
 55 228.4 200.6 240.6
 56 182.9 154.5 194.5

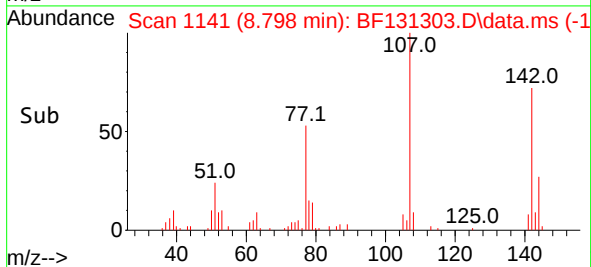
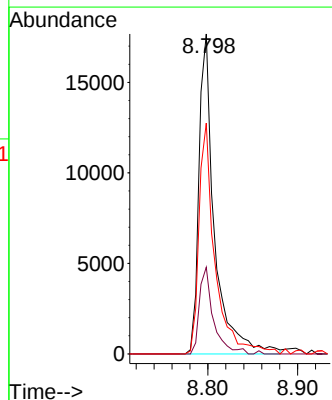
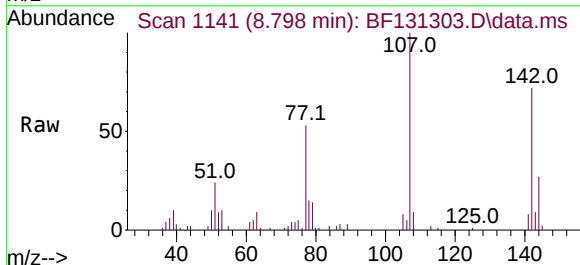
Manual Integrations
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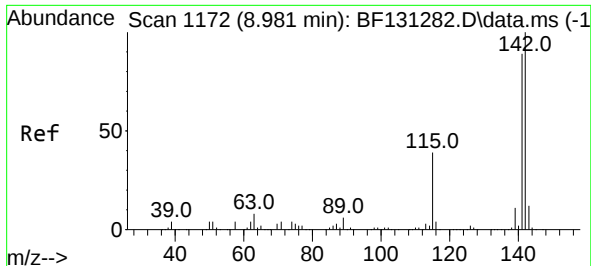
Reviewed By :Christian Giraldo 11/21/2022
 Supervised By :Jagrut Upadhyay 11/21/2022



#36
 4-Chloro-3-methylphenol
 Concen: 4.301 ng
 RT: 8.798 min Scan# 1141
 Delta R.T. -0.006 min
 Lab File: BF131303.D
 Acq: 18 Nov 2022 18:12

Tgt Ion:107 Resp: 21245
 Ion Ratio Lower Upper
 107 100
 144 27.1 19.6 29.4
 142 72.1 60.1 90.1





#37

2-Methylnaphthalene

Concen: 4.560 ng

RT: 8.975 min Scan# 1171

Delta R.T. -0.006 min

Lab File: BF131303.D

Acq: 18 Nov 2022 18:12

Instrument :

BNA_F

ClientSampleId :

LOQ-WATER-02-QT4-2022

Tgt Ion:142 Resp: 50752

Ion Ratio Lower Upper

142 100

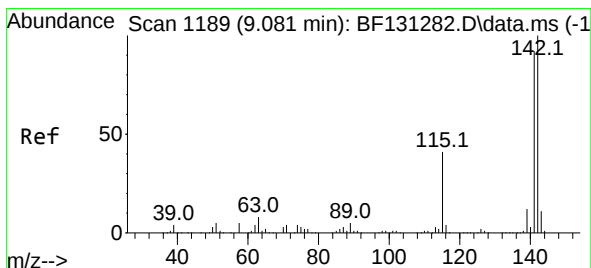
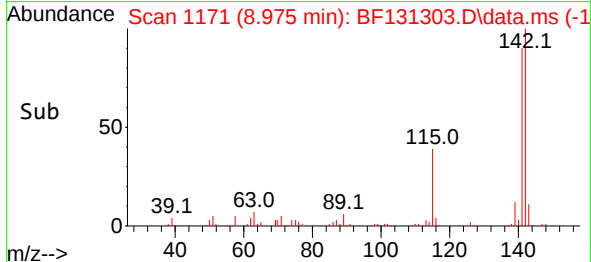
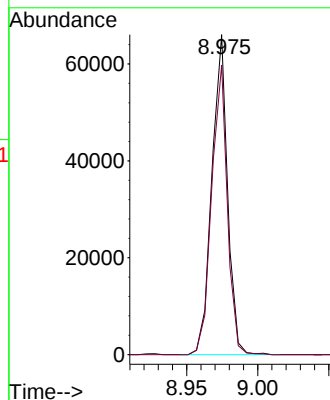
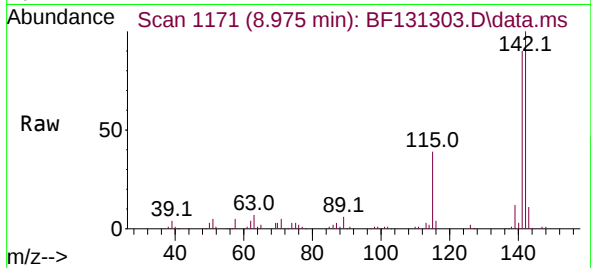
141 90.5 71.4 107.2

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 11/21/2022

Supervised By :Jagrut Upadhyay 11/21/2022



#38

1-Methylnaphthalene

Concen: 4.636 ng

RT: 9.075 min Scan# 1188

Delta R.T. -0.006 min

Lab File: BF131303.D

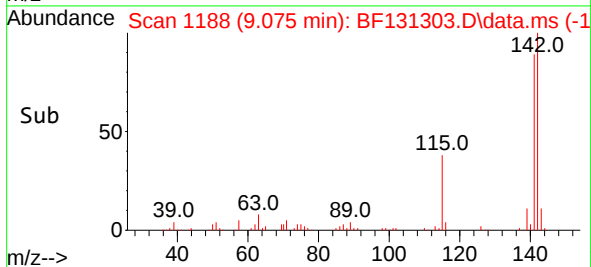
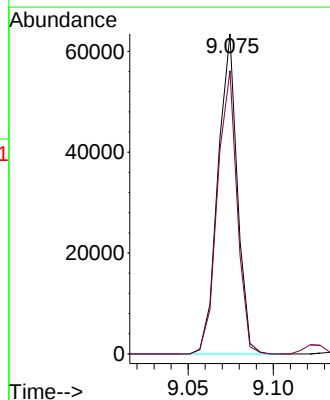
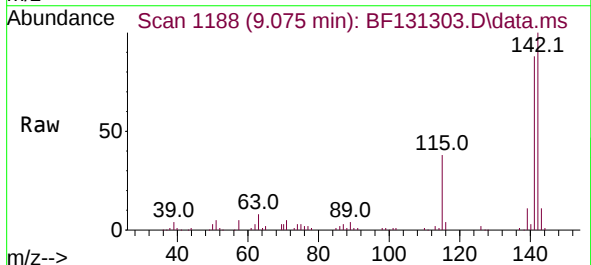
Acq: 18 Nov 2022 18:12

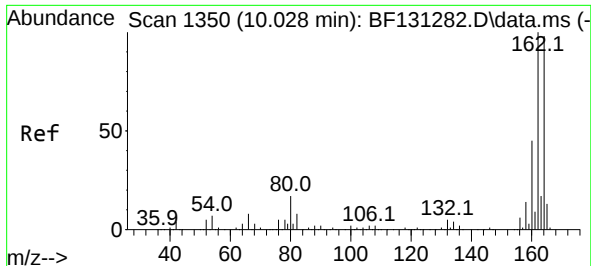
Tgt Ion:142 Resp: 50005

Ion Ratio Lower Upper

142 100

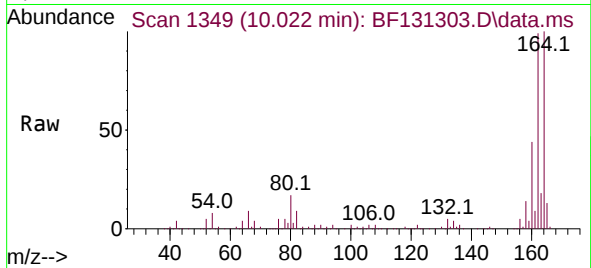
141 88.5 74.0 111.0





#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 10.022 min Scan# 1198
Delta R.T. -0.006 min
Lab File: BF131303.D
Acq: 18 Nov 2022 18:12

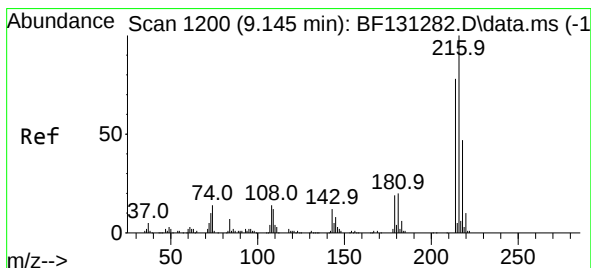
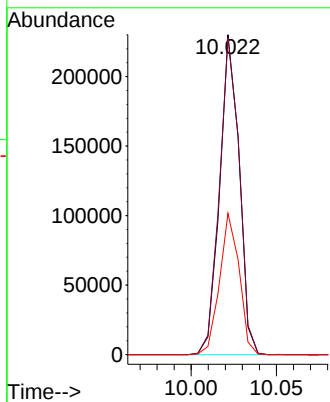
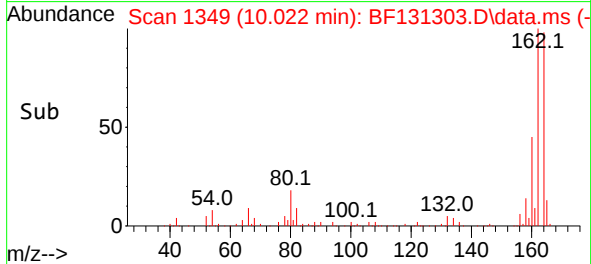
Instrument :
BNA_F
ClientSampleId :
LOQ-WATER-02-QT4-2022



Tgt Ion:164 Resp: 182688
Ion Ratio Lower Upper
164 100
162 99.0 81.8 122.6
160 44.1 36.6 54.8

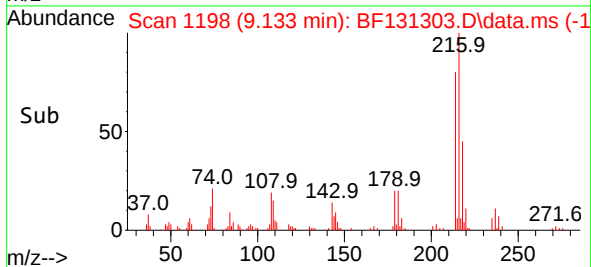
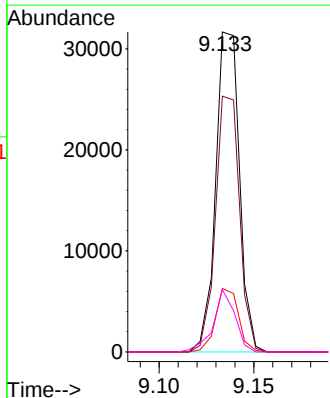
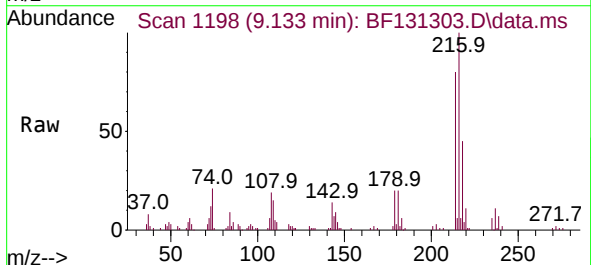
Manual Integrations
APPROVED

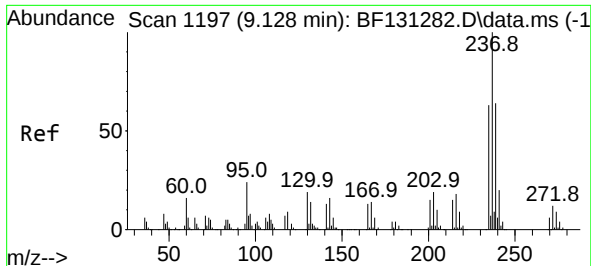
Reviewed By :Christian Giraldo 11/21/2022
Supervised By :Jagrut Upadhyay 11/21/2022



#40
1,2,4,5-Tetrachlorobenzene
Concen: 4.640 ng
RT: 9.133 min Scan# 1198
Delta R.T. -0.012 min
Lab File: BF131303.D
Acq: 18 Nov 2022 18:12

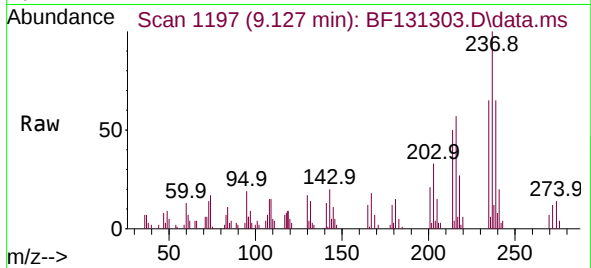
Tgt Ion:216 Resp: 27738
Ion Ratio Lower Upper
216 100
214 80.6 62.5 93.7
179 19.1 16.7 25.1
108 17.7 14.7 22.1





#41
Hexachlorocyclopentadiene
Concen: 4.411 ng
RT: 9.127 min Scan# 1197
Delta R.T. -0.001 min
Lab File: BF131303.D
Acq: 18 Nov 2022 18:12

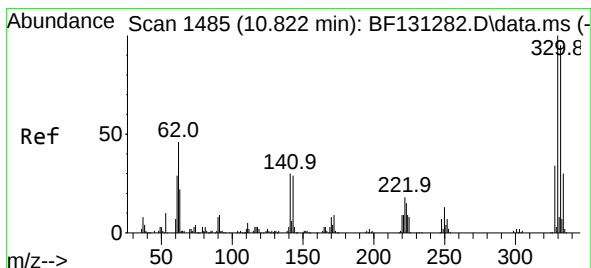
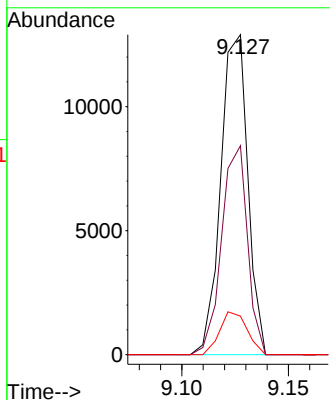
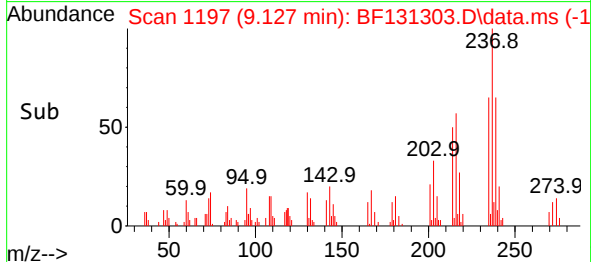
Instrument :
BNA_F
ClientSampleId :
LOQ-WATER-02-QT4-2022



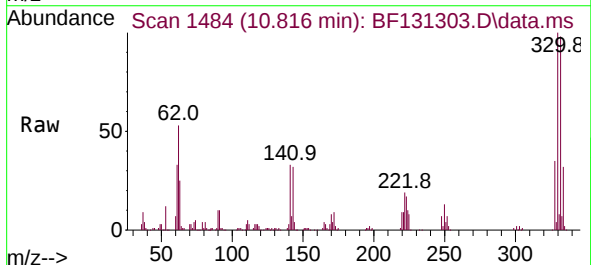
Tgt Ion: 237 Resp: 11405
Ion Ratio Lower Upper
237 100
235 65.3 42.7 82.7
272 12.0 0.0 31.6

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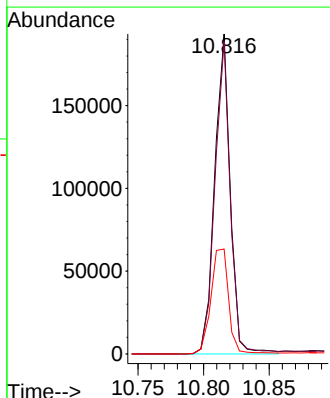
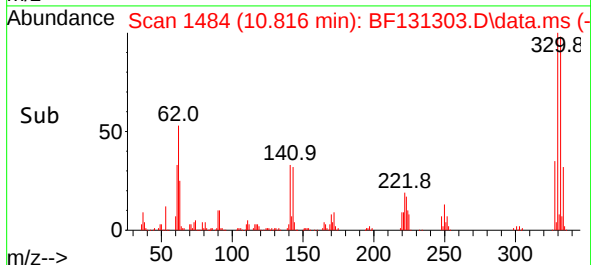
Reviewed By : Christian Giraldo 11/21/2022
Supervised By : Jagrut Upadhyay 11/21/2022

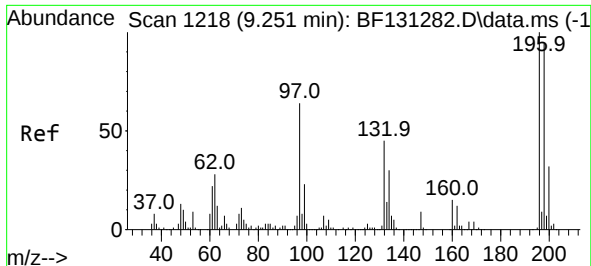


#42
2,4,6-Tribromophenol
Concen: 98.494 ng
RT: 10.816 min Scan# 1484
Delta R.T. -0.006 min
Lab File: BF131303.D
Acq: 18 Nov 2022 18:12



Tgt Ion: 330 Resp: 160179
Ion Ratio Lower Upper
330 100
332 97.3 75.4 113.0
141 37.6 30.0 45.0





#43

2,4,6-Trichlorophenol

Concen: 3.703 ng

RT: 9.245 min Scan# 1217

Delta R.T. -0.006 min

Lab File: BF131303.D

Acq: 18 Nov 2022 18:12

Instrument :

BNA_F

ClientSampleId :

LOQ-WATER-02-QT4-2022

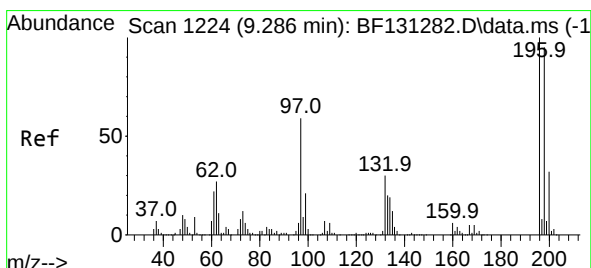
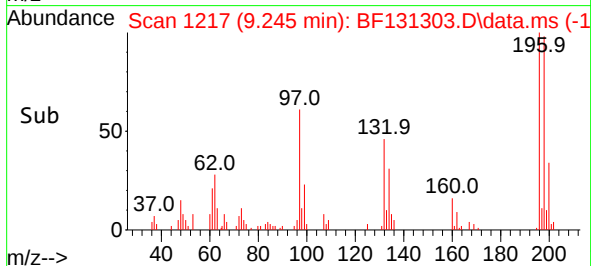
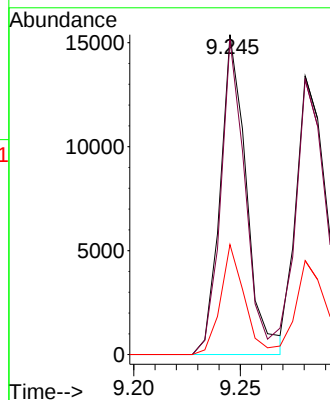
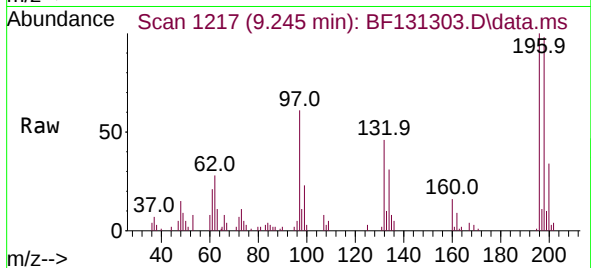
Tgt Ion:196	Resp:	13162
Ion Ratio	Lower	Upper
196	100	
198	98.4	74.8 112.2
200	34.4	25.7 38.5

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 11/21/2022

Supervised By :Jagrut Upadhyay 11/21/2022



#44

2,4,5-Trichlorophenol

Concen: 3.898 ng

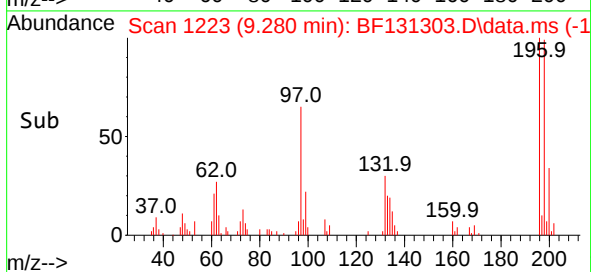
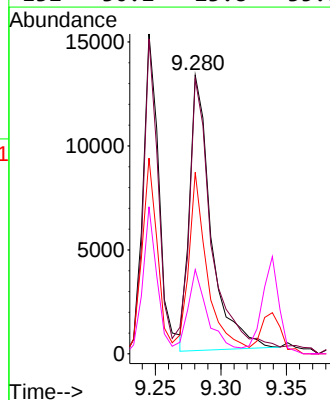
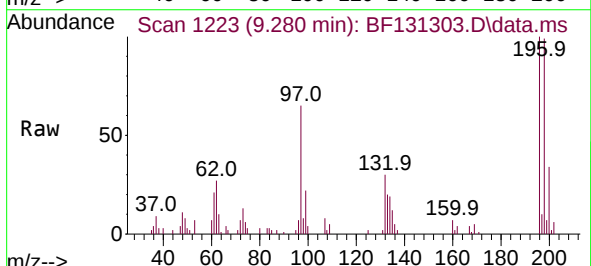
RT: 9.280 min Scan# 1223

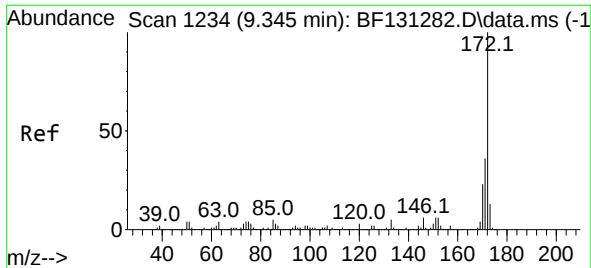
Delta R.T. -0.006 min

Lab File: BF131303.D

Acq: 18 Nov 2022 18:12

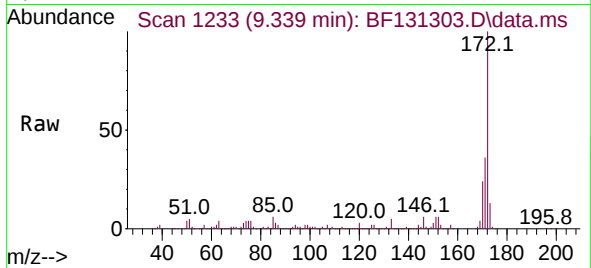
Tgt Ion:196	Resp:	15093
Ion Ratio	Lower	Upper
196	100	
198	98.7	75.6 113.4
97	65.1	47.4 71.0
132	30.2	23.8 35.8





#45
2-Fluorobiphenyl
Concen: 65.163 ng
RT: 9.339 min Scan# 1234
Delta R.T. -0.006 min
Lab File: BF131303.D
Acq: 18 Nov 2022 18:12

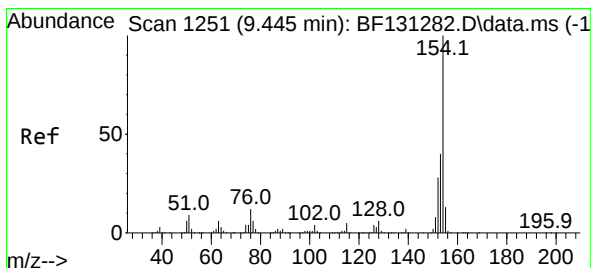
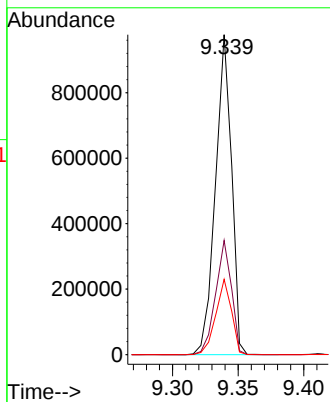
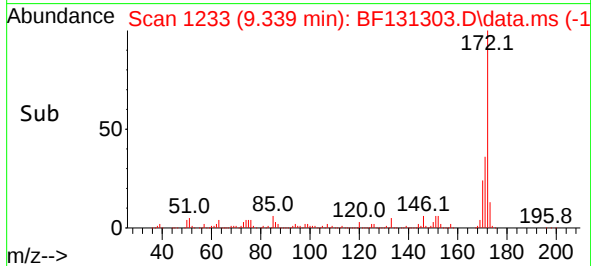
Instrument : BNA_F
ClientSampleId :
LOQ-WATER-02-QT4-2022



Tgt Ion:172 Resp: 833500
Ion Ratio Lower Upper
172 100
171 35.7 28.5 42.7
170 23.5 18.5 27.7

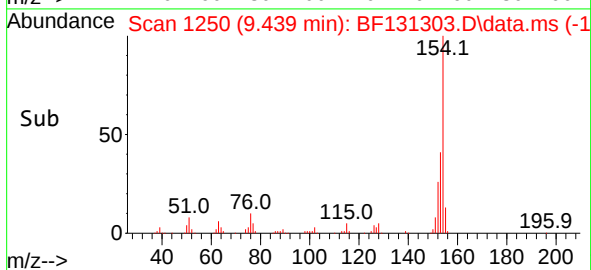
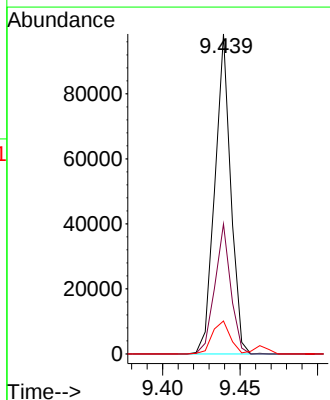
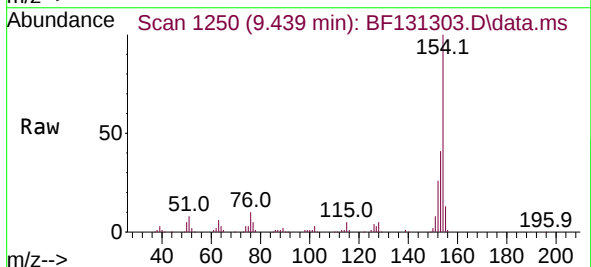
Manual Integrations
APPROVED

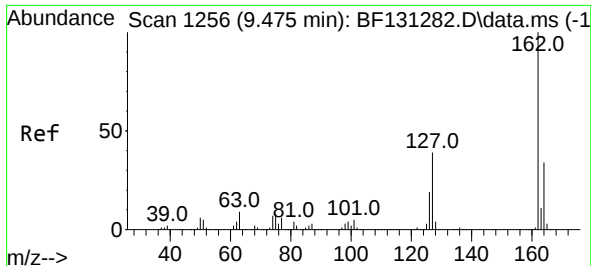
Reviewed By :Christian Giraldo 11/21/2022
Supervised By :Jagrut Upadhyay 11/21/2022



#46
1,1'-Biphenyl
Concen: 4.968 ng
RT: 9.439 min Scan# 1250
Delta R.T. -0.006 min
Lab File: BF131303.D
Acq: 18 Nov 2022 18:12

Tgt Ion:154 Resp: 70088
Ion Ratio Lower Upper
154 100
153 40.6 20.1 60.1
76 10.3 0.0 31.8





#47

2-Chloronaphthalene

Concen: 4.615 ng

RT: 9.463 min Scan# 1256

Delta R.T. -0.012 min

Lab File: BF131303.D

Acq: 18 Nov 2022 18:12

Instrument :

BNA_F

ClientSampleId :

LOQ-WATER-02-QT4-2022

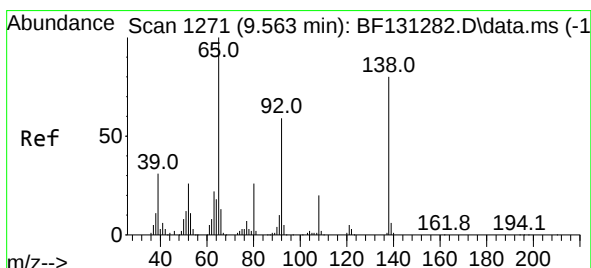
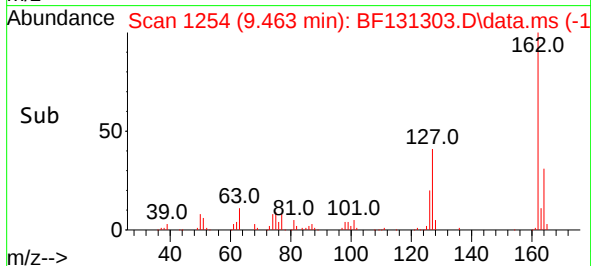
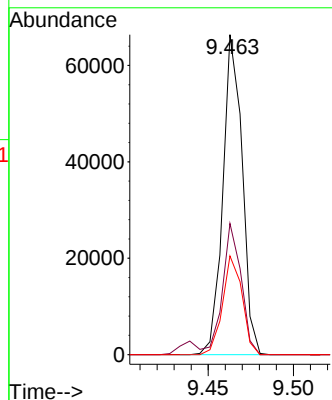
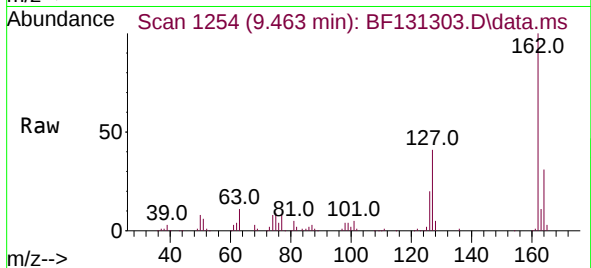
Tgt Ion:162	Resp:	52270
Ion Ratio	Lower	Upper
162	100	
127	41.0	31.1 46.7
164	30.8	26.9 40.3

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 11/21/2022

Supervised By :Jagrut Upadhyay 11/21/2022



#48

2-Nitroaniline

Concen: 4.070 ng

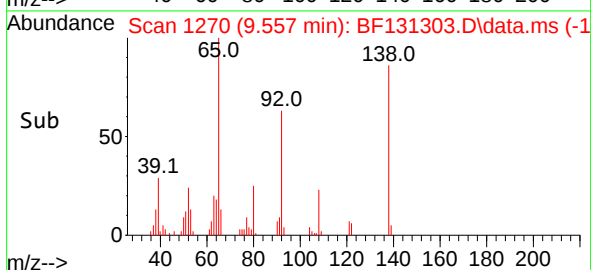
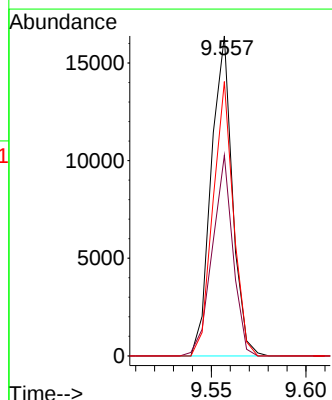
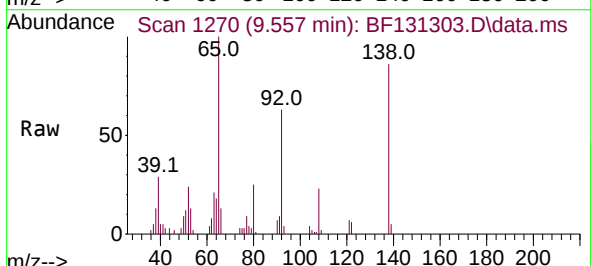
RT: 9.557 min Scan# 1270

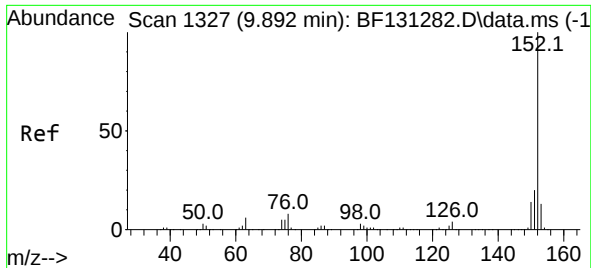
Delta R.T. -0.006 min

Lab File: BF131303.D

Acq: 18 Nov 2022 18:12

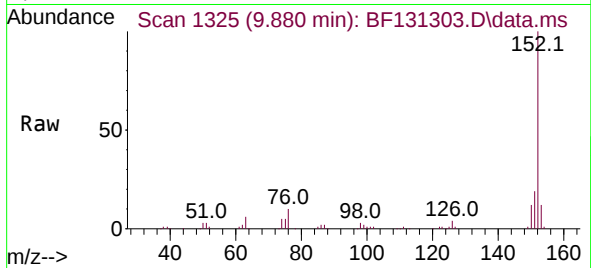
Tgt Ion: 65	Resp:	12741
Ion Ratio	Lower	Upper
65	100	
92	62.7	47.2 70.8
138	85.7	64.2 96.4





#49
Acenaphthylene
Concen: 4.644 ng
RT: 9.880 min Scan# 1325
Delta R.T. -0.012 min
Lab File: BF131303.D
Acq: 18 Nov 2022 18:12

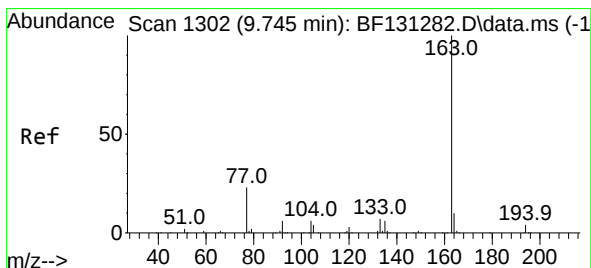
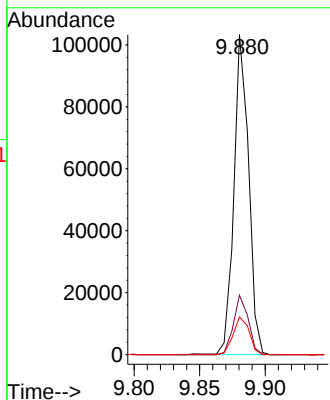
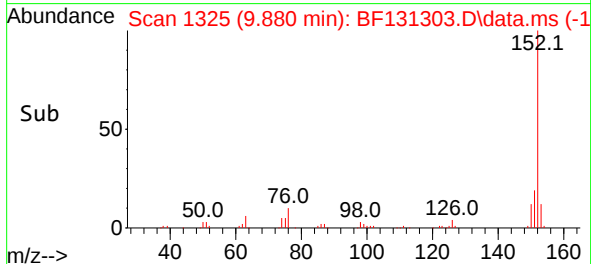
Instrument : BNA_F
ClientSampleId :
LOQ-WATER-02-QT4-2022



Tgt Ion:152 Resp: 80354
Ion Ratio Lower Upper
152 100
151 18.6 15.9 23.9
153 11.8 10.4 15.6

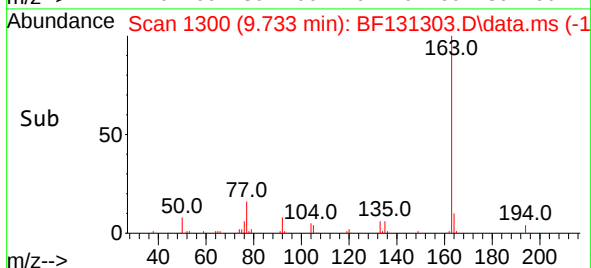
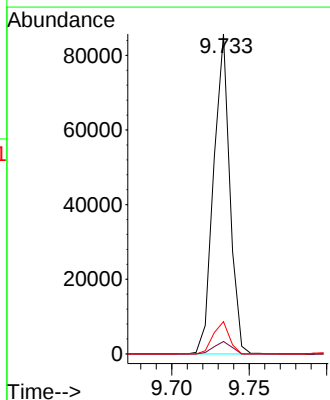
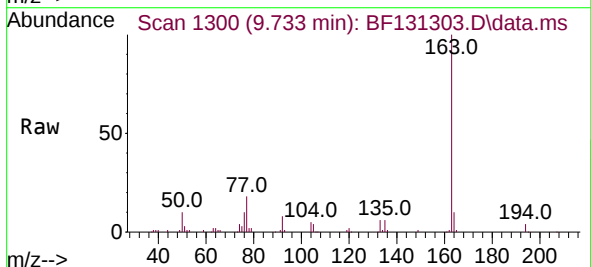
Manual Integrations
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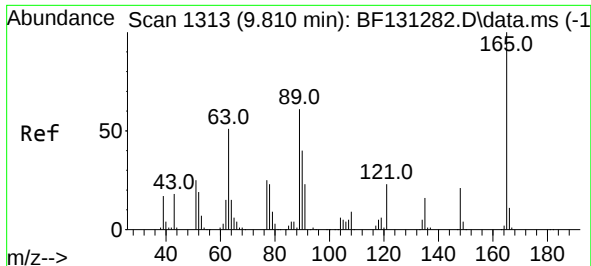
Reviewed By :Christian Giraldo 11/21/2022
Supervised By :Jagrut Upadhyay 11/21/2022



#50
Dimethylphthalate
Concen: 4.707 ng
RT: 9.733 min Scan# 1300
Delta R.T. -0.012 min
Lab File: BF131303.D
Acq: 18 Nov 2022 18:12

Tgt Ion:163 Resp: 62268
Ion Ratio Lower Upper
163 100
194 3.9 3.1 4.7
164 10.1 8.4 12.6





#51

2,6-Dinitrotoluene

Concen: 4.519 ng

RT: 9.798 min Scan# 1313

Delta R.T. -0.012 min

Lab File: BF131303.D

Acq: 18 Nov 2022 18:12

Instrument :

BNA_F

ClientSampleId :

LOQ-WATER-02-QT4-2022

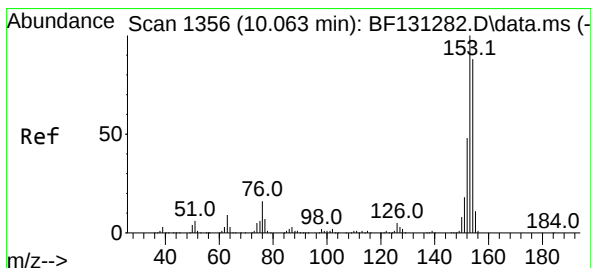
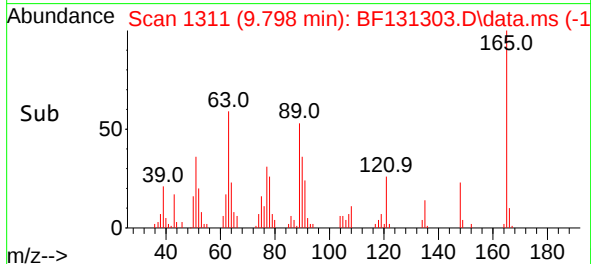
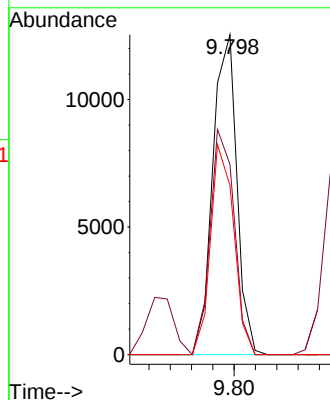
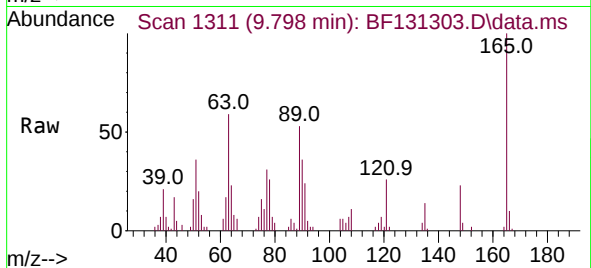
Tgt Ion:165	Resp:	9819
Ion Ratio	Lower	Upper
165	100	
63	59.4	53.3 79.9
89	52.8	49.4 74.0

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 11/21/2022

Supervised By :Jagrut Upadhyay 11/21/2022



#52

Acenaphthene

Concen: 4.582 ng

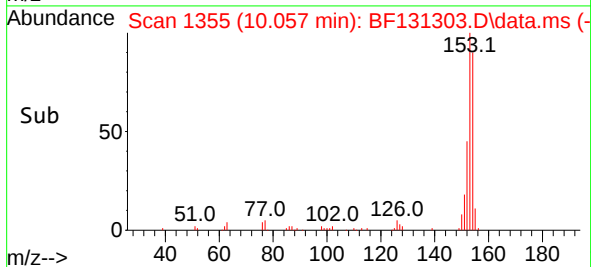
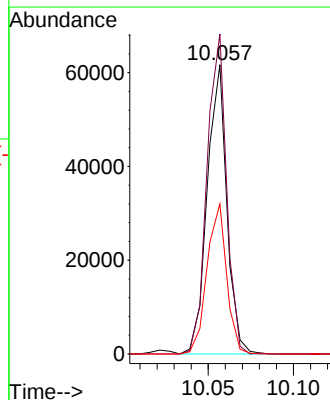
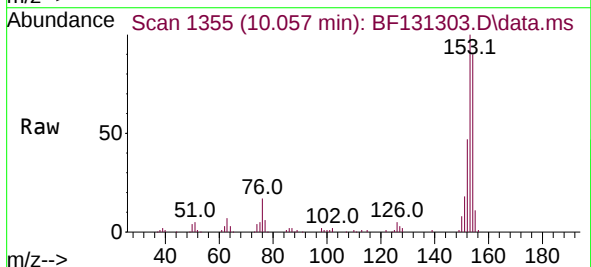
RT: 10.057 min Scan# 1355

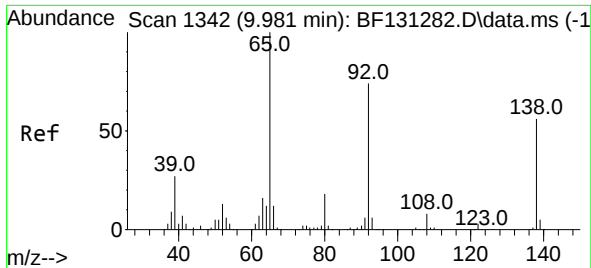
Delta R.T. -0.006 min

Lab File: BF131303.D

Acq: 18 Nov 2022 18:12

Tgt Ion:154	Resp:	49466
Ion Ratio	Lower	Upper
154	100	
153	110.7	90.7 136.1
152	51.9	43.1 64.7





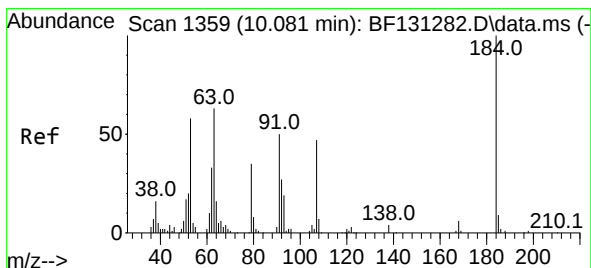
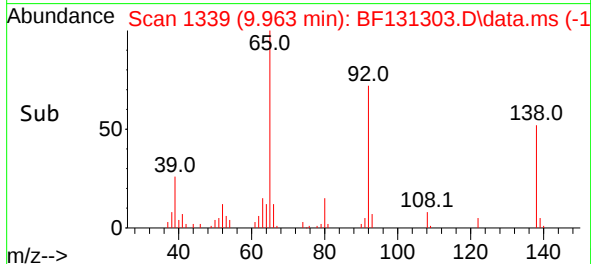
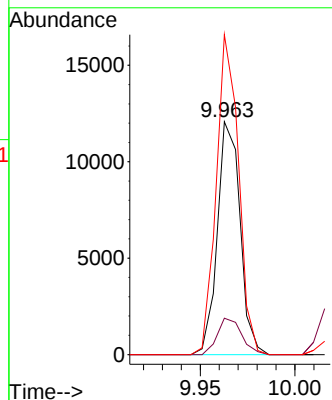
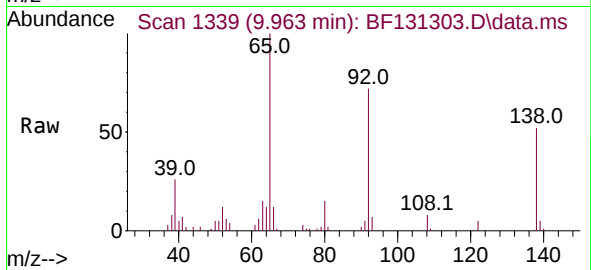
#53
3-Nitroaniline
Concen: 4.386 ng
RT: 9.963 min Scan# 1339
Delta R.T. -0.018 min
Lab File: BF131303.D
Acq: 18 Nov 2022 18:12

Instrument : BNA_F
ClientSampleId : LOQ-WATER-02-QT4-2022

Tgt Ion:138 Resp: 1008
Ion Ratio Lower Upper
138 100
108 15.6 11.1 16.7
92 137.4 105.4 158.2

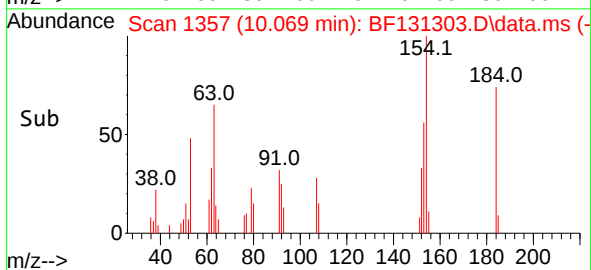
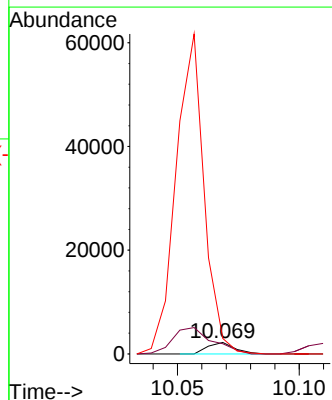
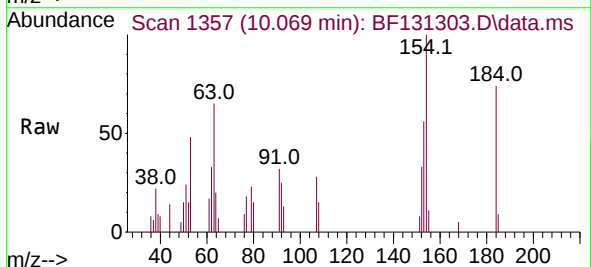
Manual Integrations
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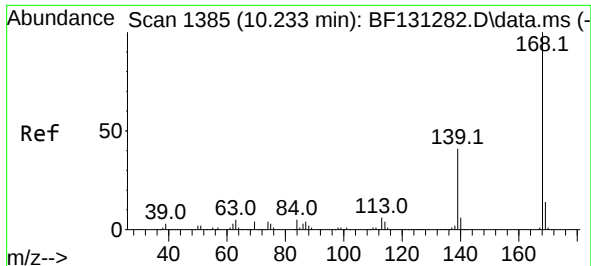
Reviewed By :Christian Giraldo 11/21/2022
Supervised By :Jagrut Upadhyay 11/21/2022



#54
2,4-Dinitrophenol
Concen: 2.218 ng
RT: 10.069 min Scan# 1357
Delta R.T. -0.012 min
Lab File: BF131303.D
Acq: 18 Nov 2022 18:12

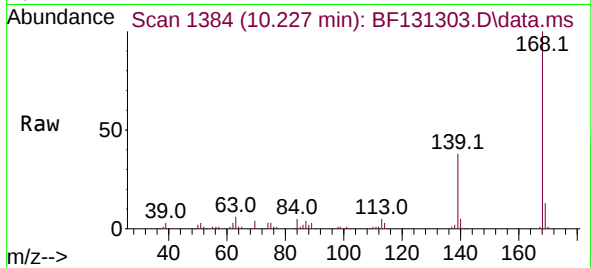
Tgt Ion:184 Resp: 1698
Ion Ratio Lower Upper
184 100
63 88.8 64.8 97.2
154 135.7 58.0 87.0#





#55
Dibenzofuran
Concen: 4.714 ng
RT: 10.227 min Scan# 1385
Delta R.T. -0.006 min
Lab File: BF131303.D
Acq: 18 Nov 2022 18:12

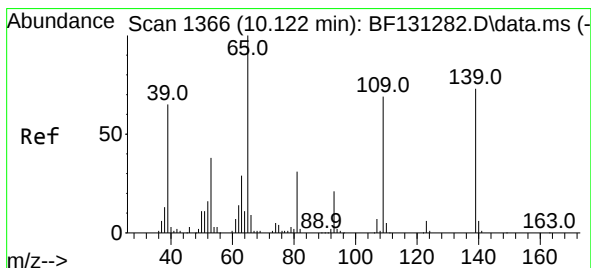
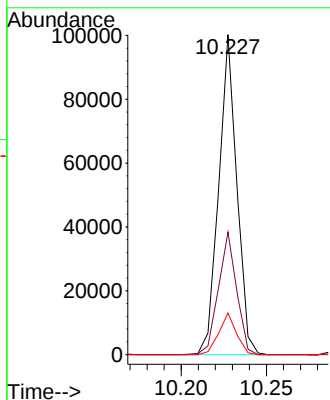
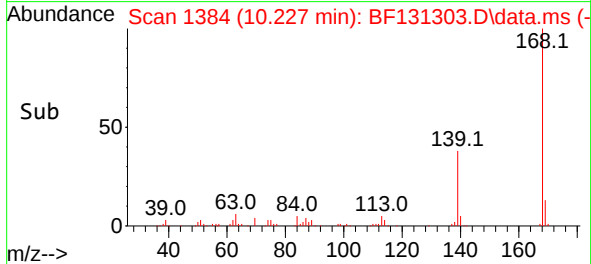
Instrument :
BNA_F
ClientSampleId :
LOQ-WATER-02-QT4-2022



Tgt Ion:168 Resp: 73803
Ion Ratio Lower Upper
168 100
139 38.3 33.2 49.8
169 13.0 11.0 16.4

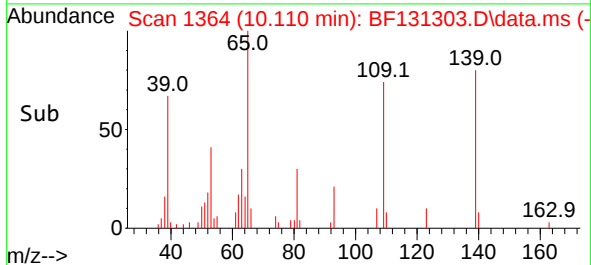
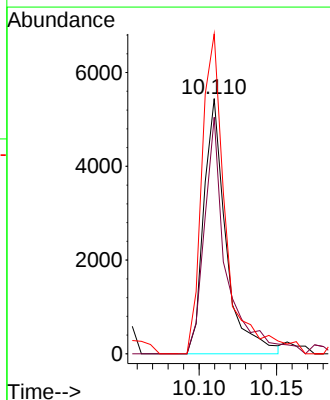
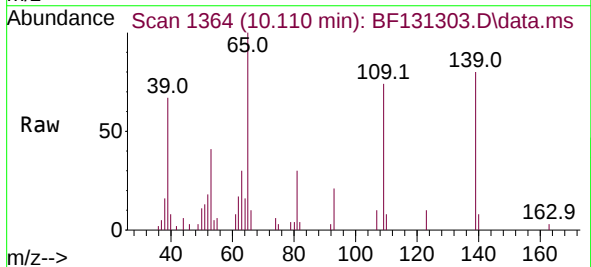
Manual Integrations
APPROVED

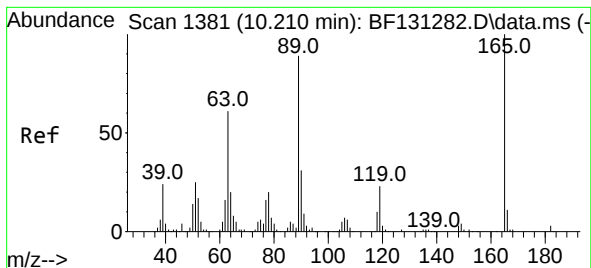
Reviewed By :Christian Giraldo 11/21/2022
Supervised By :Jagrut Upadhyay 11/21/2022



#56
4-Nitrophenol
Concen: 3.151 ng
RT: 10.110 min Scan# 1364
Delta R.T. -0.012 min
Lab File: BF131303.D
Acq: 18 Nov 2022 18:12

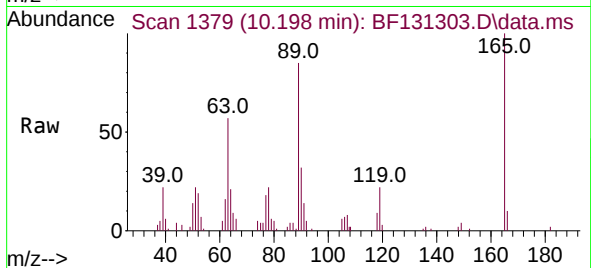
Tgt Ion:139 Resp: 5452
Ion Ratio Lower Upper
139 100
109 92.7 74.2 114.2
65 125.4 116.8 156.8





#57
2,4-Dinitrotoluene
Concen: 4.107 ng
RT: 10.198 min Scan# 1381
Delta R.T. -0.012 min
Lab File: BF131303.D
Acq: 18 Nov 2022 18:12

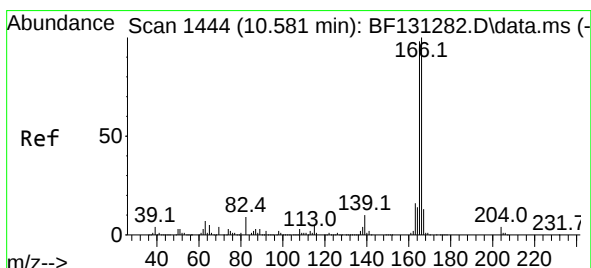
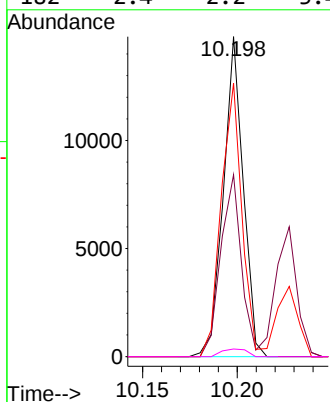
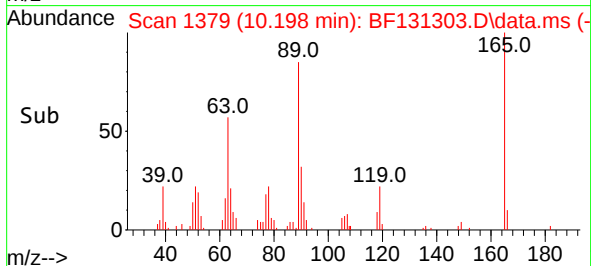
Instrument : BNA_F
ClientSampleId :
LOQ-WATER-02-QT4-2022



Tgt Ion:165 Resp: 10790
Ion Ratio Lower Upper
165 100
63 56.8 49.0 73.6
89 85.5 71.1 106.7
182 2.4 2.2 3.4

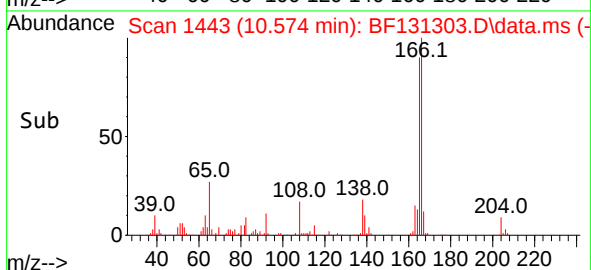
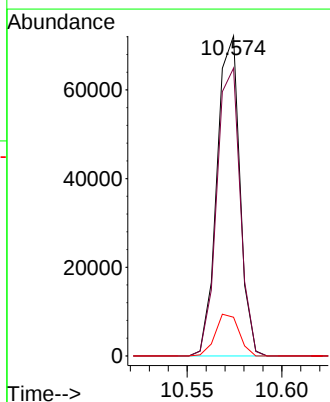
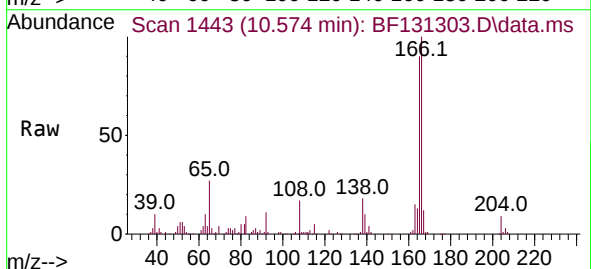
Manual Integrations
APPROVED

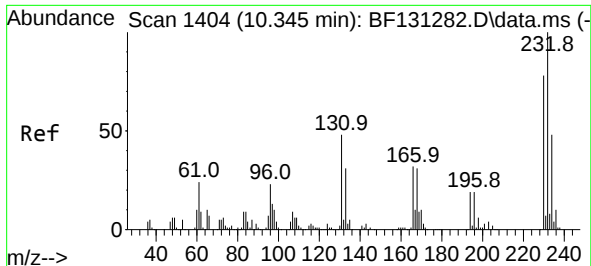
Reviewed By :Christian Giraldo 11/21/2022
Supervised By :Jagrut Upadhyay 11/21/2022



#58
Fluorene
Concen: 4.881 ng
RT: 10.574 min Scan# 1443
Delta R.T. -0.006 min
Lab File: BF131303.D
Acq: 18 Nov 2022 18:12

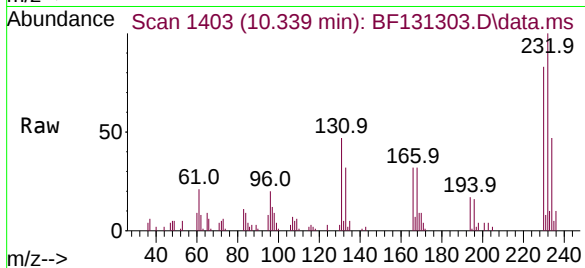
Tgt Ion:166 Resp: 60678
Ion Ratio Lower Upper
166 100
165 89.9 78.2 117.2
167 12.1 10.6 15.8





#59
2,3,4,6-Tetrachlorophenol
Concen: 3.980 ng
RT: 10.339 min Scan# 1403
Delta R.T. -0.006 min
Lab File: BF131303.D
Acq: 18 Nov 2022 18:12

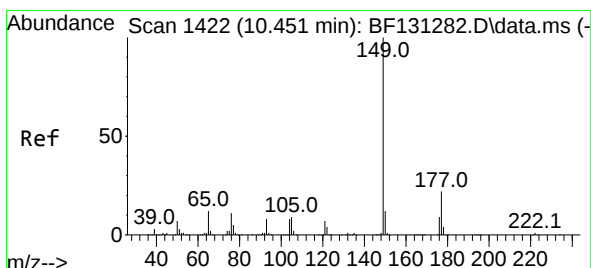
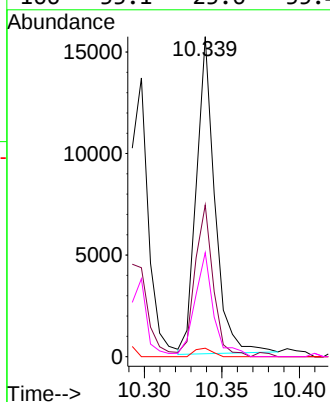
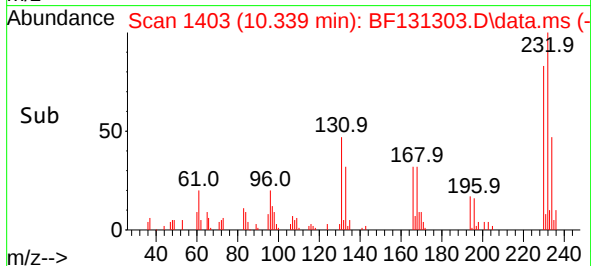
Instrument :
BNA_F
ClientSampleId :
LOQ-WATER-02-QT4-2022



Tgt Ion:232 Resp: 13053
Ion Ratio Lower Upper
232 100
131 46.7 36.0 54.0
130 2.5 1.8 2.6
166 33.1 23.6 35.4

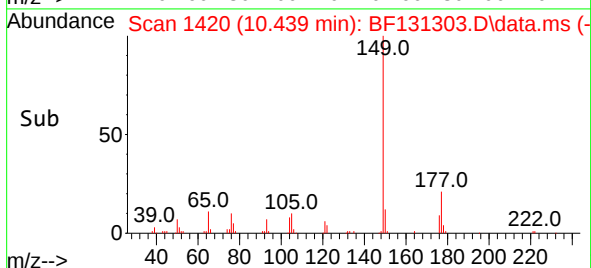
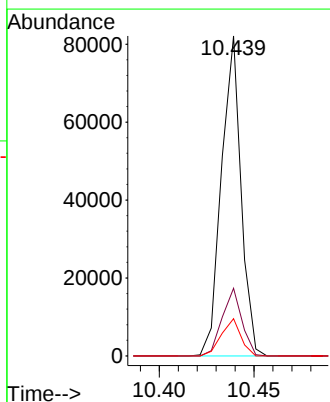
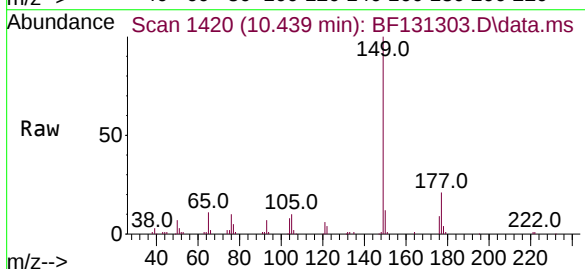
Manual Integrations
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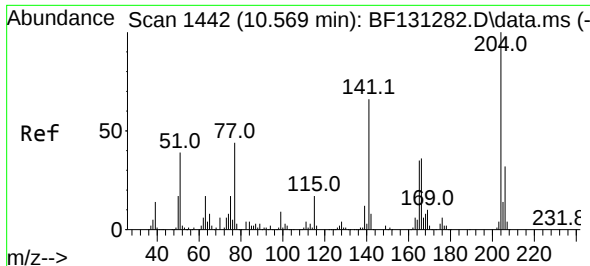
Reviewed By :Christian Giraldo 11/21/2022
Supervised By :Jagrut Upadhyay 11/21/2022



#60
Diethylphthalate
Concen: 4.681 ng
RT: 10.439 min Scan# 1420
Delta R.T. -0.012 min
Lab File: BF131303.D
Acq: 18 Nov 2022 18:12

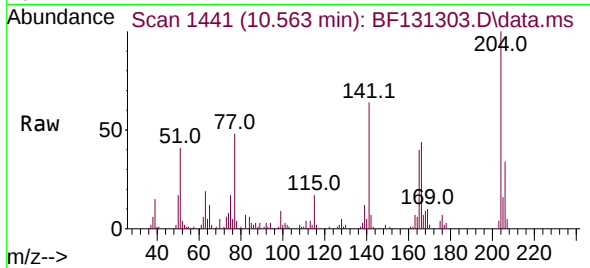
Tgt Ion:149 Resp: 59073
Ion Ratio Lower Upper
149 100
177 21.1 17.9 26.9
150 11.6 9.8 14.6





#61
4-Chlorophenyl-phenylether
Concen: 4.864 ng
RT: 10.563 min Scan# 1442
Delta R.T. -0.006 min
Lab File: BF131303.D
Acq: 18 Nov 2022 18:12

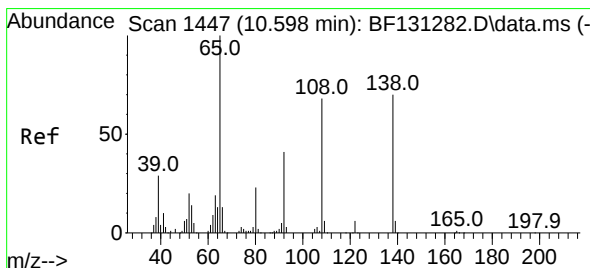
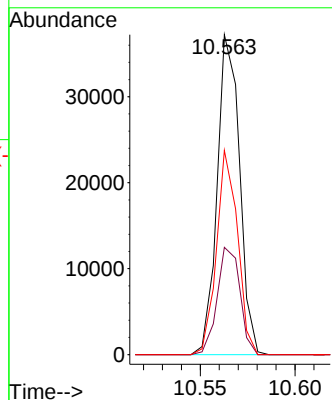
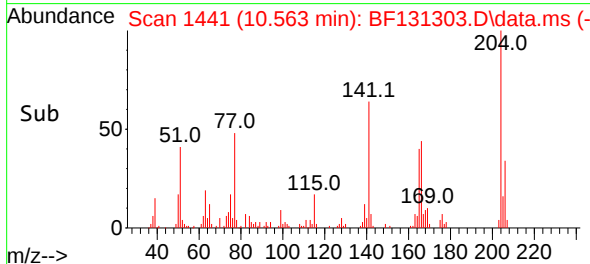
Instrument :
BNA_F
ClientSampleId :
LOQ-WATER-02-QT4-2022



Tgt Ion:204 Resp: 30652
Ion Ratio Lower Upper
204 100
206 33.5 25.7 38.5
141 63.8 53.1 79.7

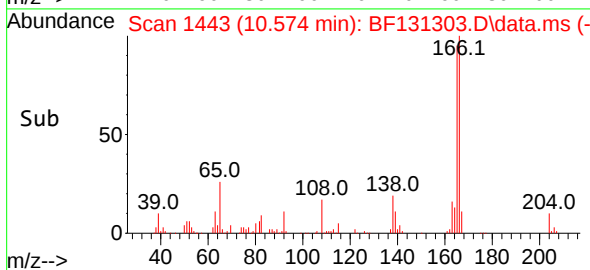
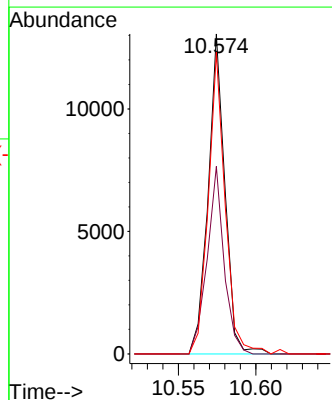
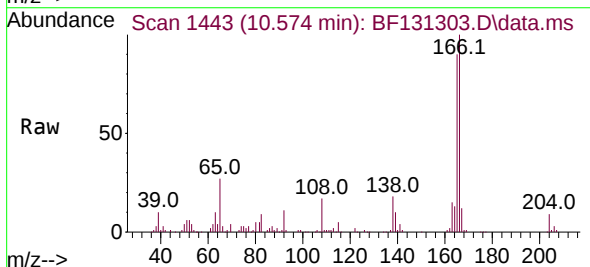
Manual Integrations
APPROVED

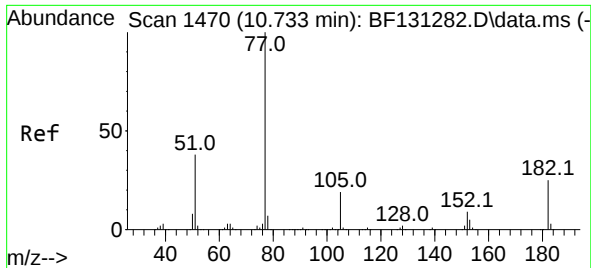
Reviewed By :Christian Giraldo 11/21/2022
Supervised By :Jagrut Upadhyay 11/21/2022



#62
4-Nitroaniline
Concen: 4.226 ng
RT: 10.574 min Scan# 1443
Delta R.T. -0.024 min
Lab File: BF131303.D
Acq: 18 Nov 2022 18:12

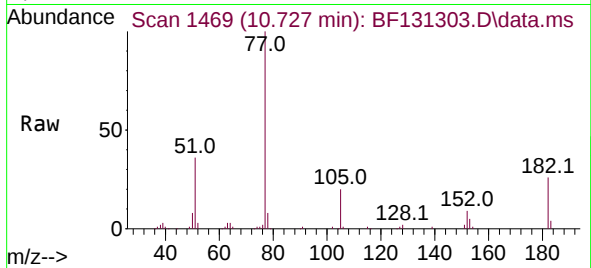
Tgt Ion:138 Resp: 9873
Ion Ratio Lower Upper
138 100
92 58.6 37.5 77.5
108 94.2 76.3 116.3





#63
Azobenzene
Concen: 4.575 ng
RT: 10.727 min Scan# 1470
Delta R.T. -0.006 min
Lab File: BF131303.D
Acq: 18 Nov 2022 18:12

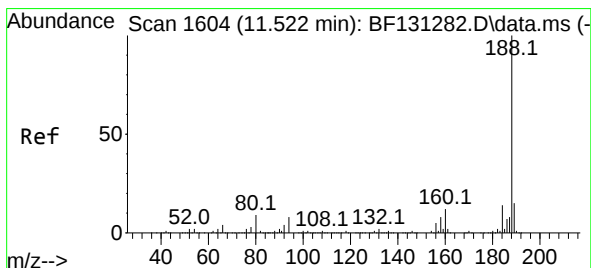
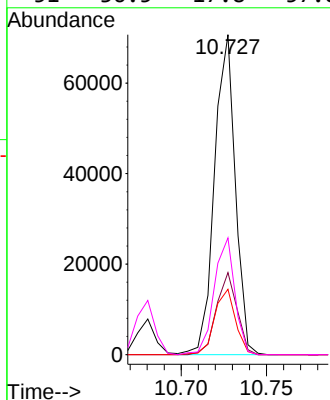
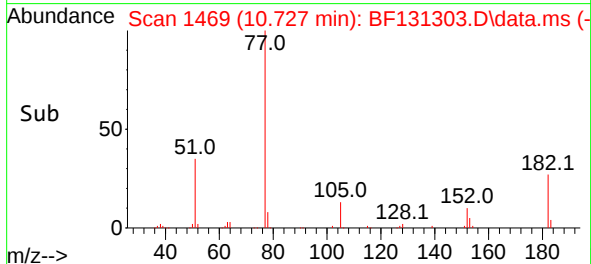
Instrument : BNA_F
ClientSampleId :
LOQ-WATER-02-QT4-2022



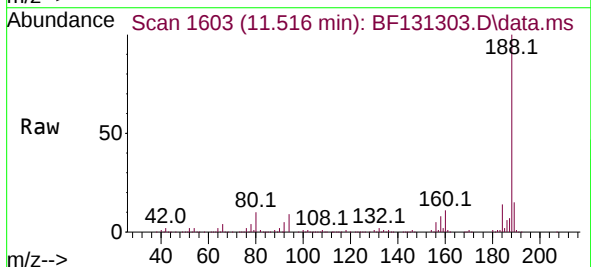
Tgt Ion: 77 Resp: 59965
Ion Ratio Lower Upper
77 100
182 25.6 5.0 45.0
105 20.4 0.0 39.5
51 36.5 17.8 57.8

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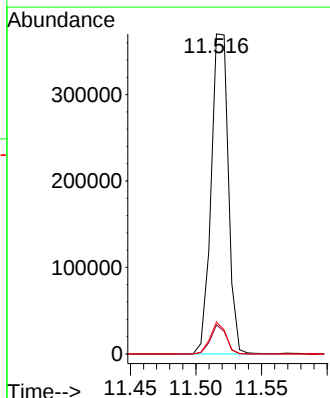
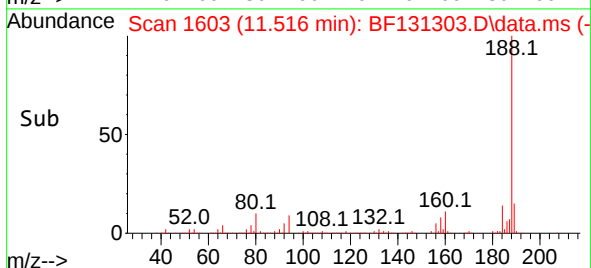
Reviewed By :Christian Giraldo 11/21/2022
Supervised By :Jagrut Upadhyay 11/21/2022

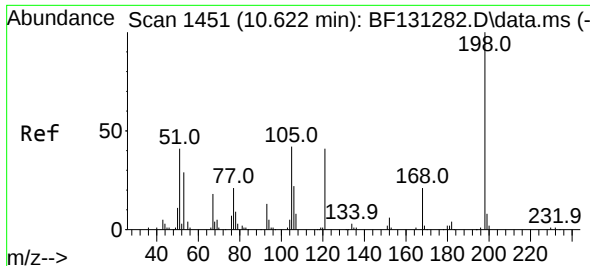


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.516 min Scan# 1603
Delta R.T. -0.006 min
Lab File: BF131303.D
Acq: 18 Nov 2022 18:12



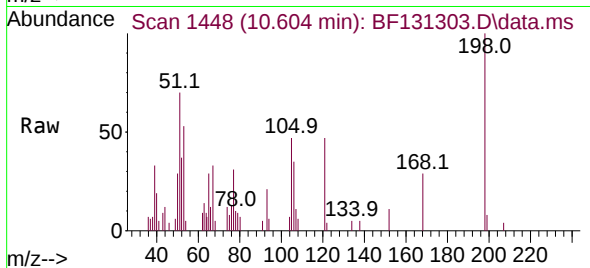
Tgt Ion:188 Resp: 338476
Ion Ratio Lower Upper
188 100
94 9.1 6.5 9.7
80 9.9 7.2 10.8





#65
4,6-Dinitro-2-methylphenol
Concen: 2.325 ng
RT: 10.604 min Scan# 1451
Delta R.T. -0.018 min
Lab File: BF131303.D
Acq: 18 Nov 2022 18:12

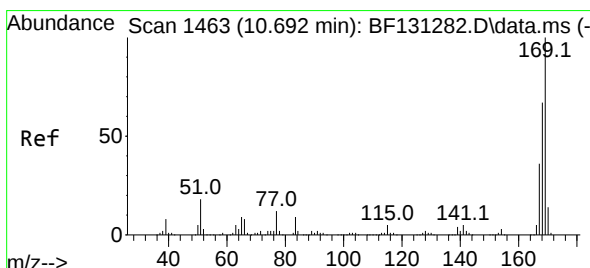
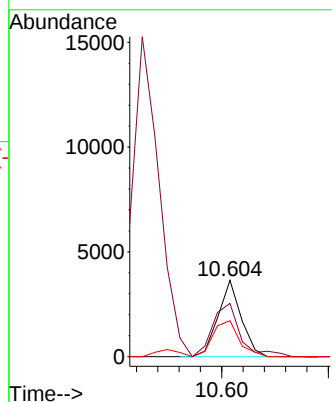
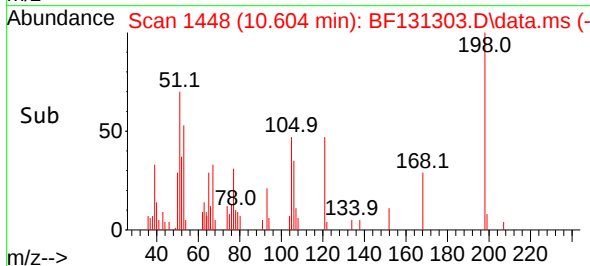
Instrument :
BNA_F
ClientSampleId :
LOQ-WATER-02-QT4-2022



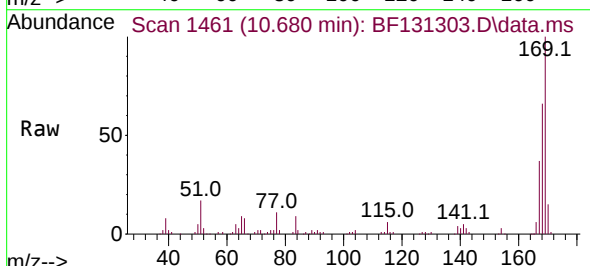
Tgt Ion:198 Resp: 2728
Ion Ratio Lower Upper
198 100
51 69.7 35.7 75.7
105 47.0 23.3 63.3

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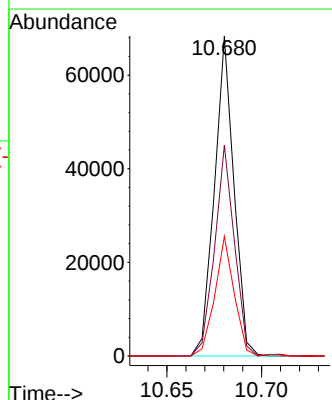
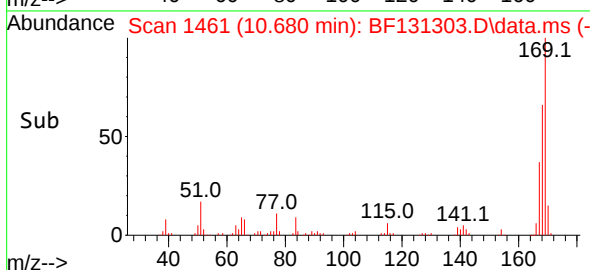
Reviewed By :Christian Giraldo 11/21/2022
Supervised By :Jagrut Upadhyay 11/21/2022

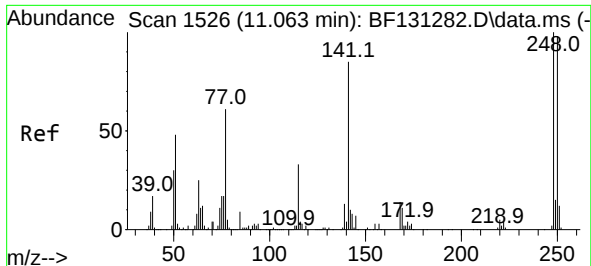


#66
n-Nitrosodiphenylamine
Concen: 4.498 ng
RT: 10.680 min Scan# 1461
Delta R.T. -0.012 min
Lab File: BF131303.D
Acq: 18 Nov 2022 18:12



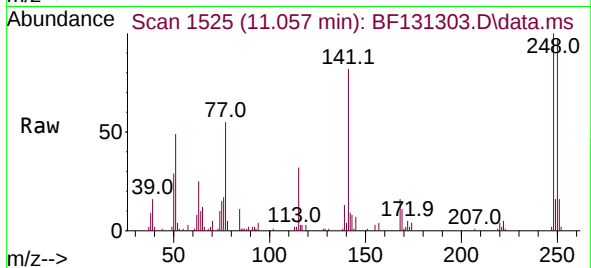
Tgt Ion:169 Resp: 49063
Ion Ratio Lower Upper
169 100
168 65.9 53.8 80.6
167 37.3 28.9 43.3





#67
4-Bromophenyl-phenylether
Concen: 4.647 ng
RT: 11.057 min Scan# 1525
Delta R.T. -0.006 min
Lab File: BF131303.D
Acq: 18 Nov 2022 18:12

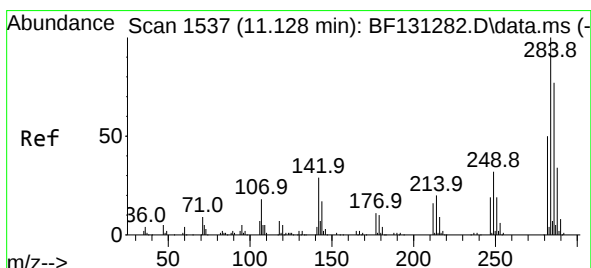
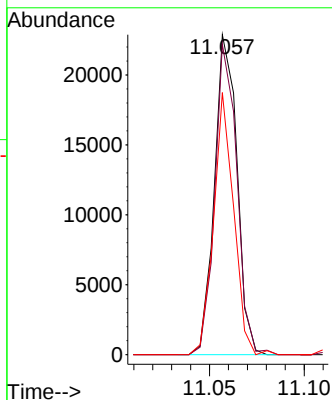
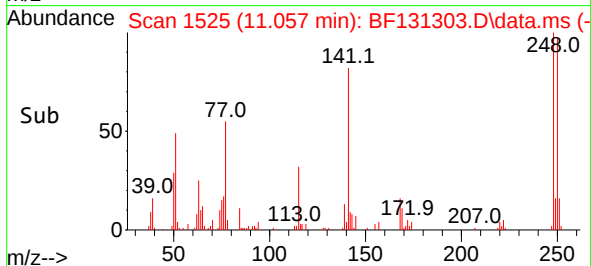
Instrument :
BNA_F
ClientSampleId :
LOQ-WATER-02-QT4-2022



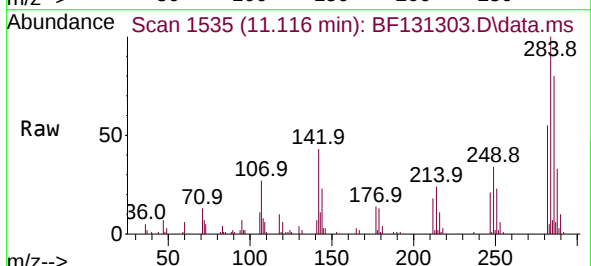
Tgt Ion:248 Resp: 18873
Ion Ratio Lower Upper
248 100
250 97.0 78.3 117.5
141 81.9 67.6 101.4

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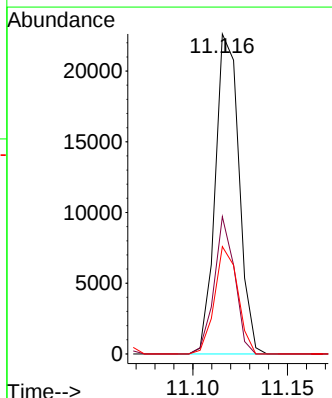
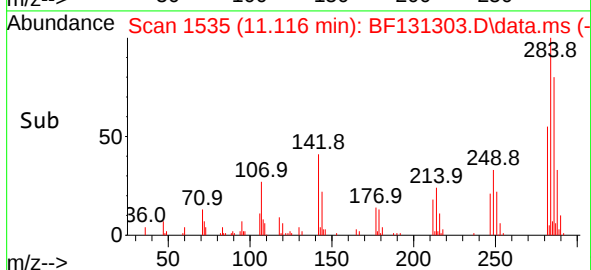
Reviewed By :Christian Giraldo 11/21/2022
Supervised By :Jagrut Upadhyay 11/21/2022

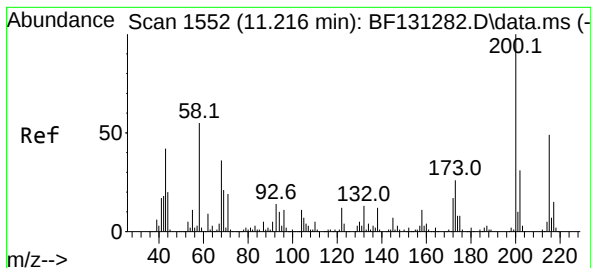


#68
Hexachlorobenzene
Concen: 4.479 ng
RT: 11.116 min Scan# 1535
Delta R.T. -0.012 min
Lab File: BF131303.D
Acq: 18 Nov 2022 18:12



Tgt Ion:284 Resp: 19735
Ion Ratio Lower Upper
284 100
142 42.9 23.4 35.2#
249 33.5 25.7 38.5





#69

Atrazine

Concen: 4.672 ng

RT: 11.204 min Scan# 1550

Delta R.T. -0.012 min

Lab File: BF131303.D

Acq: 18 Nov 2022 18:12

Instrument :

BNA_F

ClientSampleId :

LOQ-WATER-02-QT4-2022

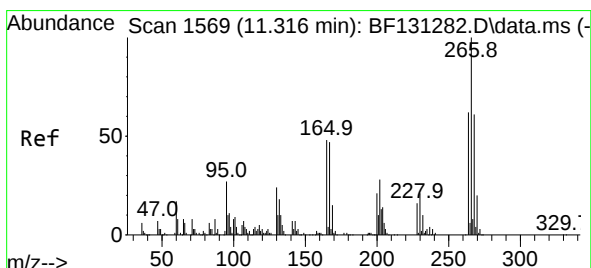
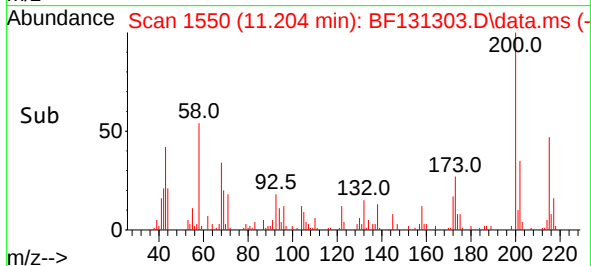
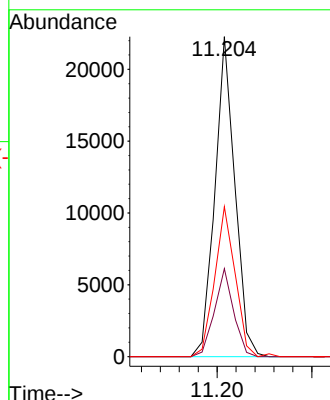
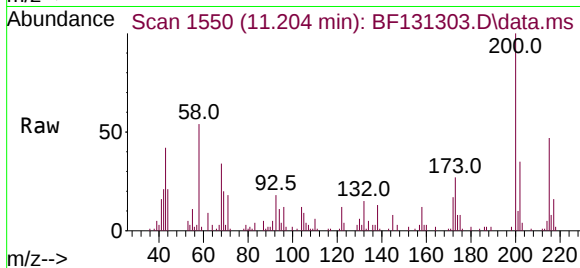
Tgt Ion:200 Resp: 16258
 Ion Ratio Lower Upper
 200 100
 173 27.5 6.0 46.0
 215 46.8 29.0 69.0

Manual Integrations

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Reviewed By :Christian Giraldo 11/21/2022

Supervised By :Jagrut Upadhyay 11/21/2022



#70

Pentachlorophenol

Concen: 3.179 ng

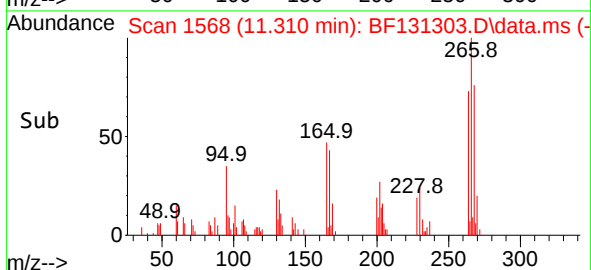
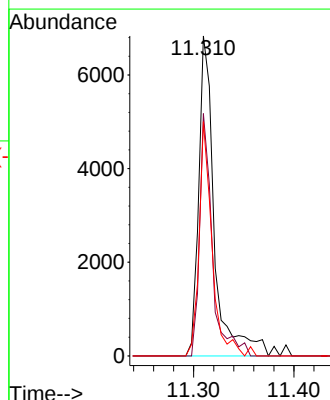
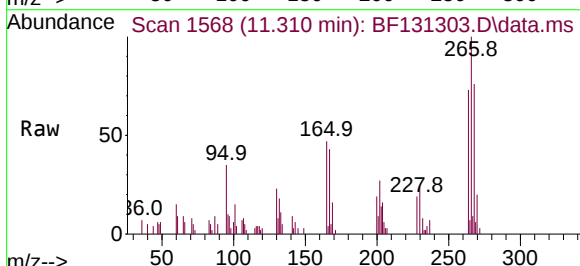
RT: 11.310 min Scan# 1568

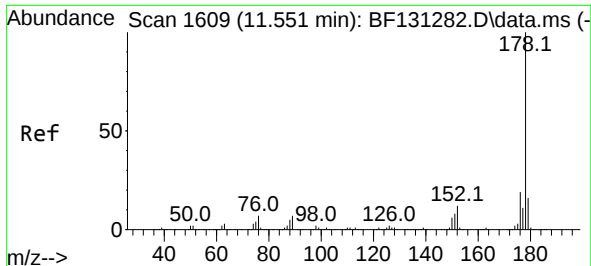
Delta R.T. -0.006 min

Lab File: BF131303.D

Acq: 18 Nov 2022 18:12

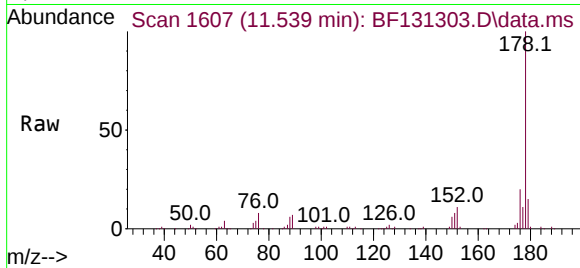
Tgt Ion:266 Resp: 7485
 Ion Ratio Lower Upper
 266 100
 268 75.7 49.0 73.4#
 264 73.2 49.7 74.5





#71
Phenanthrene
Concen: 4.608 ng
RT: 11.539 min Scan# 1607
Delta R.T. -0.012 min
Lab File: BF131303.D
Acq: 18 Nov 2022 18:12

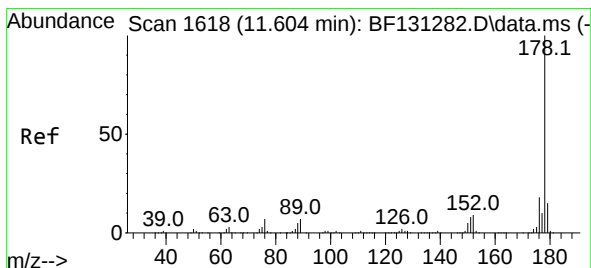
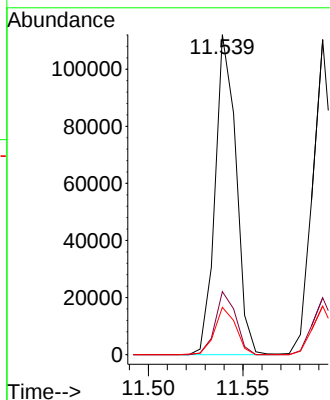
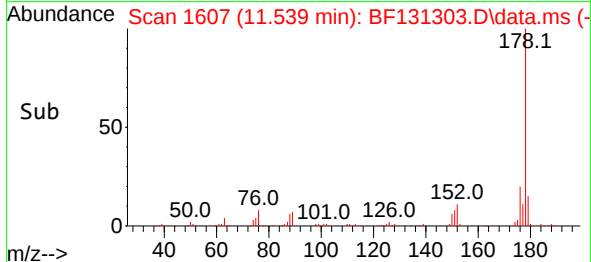
Instrument : BNA_F
ClientSampleId :
LOQ-WATER-02-QT4-2022



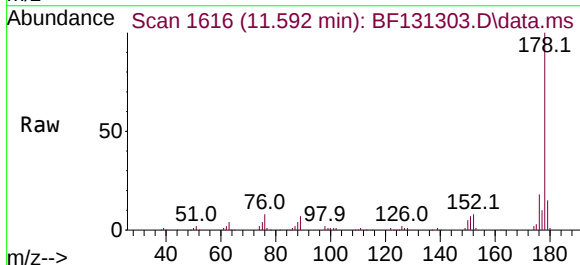
Tgt Ion:178 Resp: 86240
Ion Ratio Lower Upper
178 100
176 19.7 15.5 23.3
179 14.8 12.4 18.6

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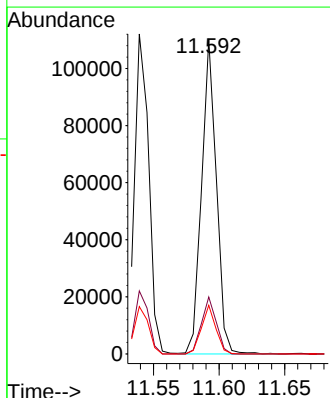
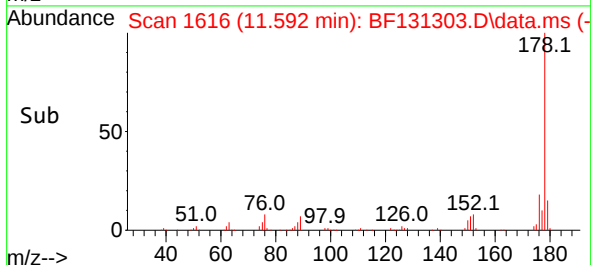
Reviewed By :Christian Giraldo 11/21/2022
Supervised By :Jagrut Upadhyay 11/21/2022

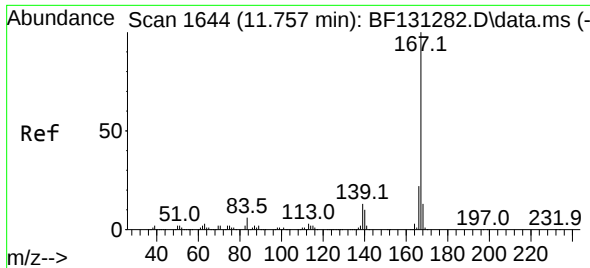


#72
Anthracene
Concen: 4.714 ng
RT: 11.592 min Scan# 1616
Delta R.T. -0.012 min
Lab File: BF131303.D
Acq: 18 Nov 2022 18:12



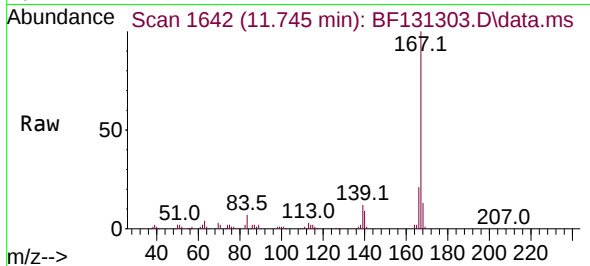
Tgt Ion:178 Resp: 86281
Ion Ratio Lower Upper
178 100
176 18.1 14.6 22.0
179 15.4 12.0 18.0





#73
 Carbazole
 Concen: 4.676 ng
 RT: 11.745 min Scan# 1642
 Delta R.T. -0.012 min
 Lab File: BF131303.D
 Acq: 18 Nov 2022 18:12

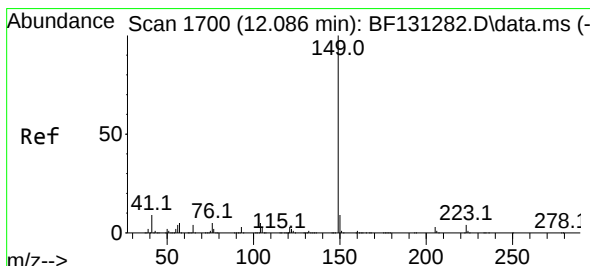
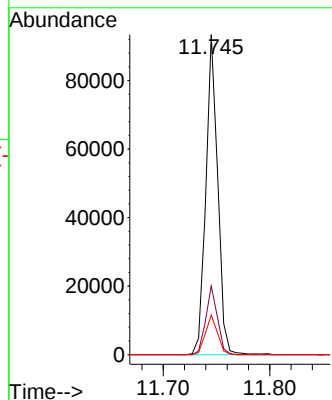
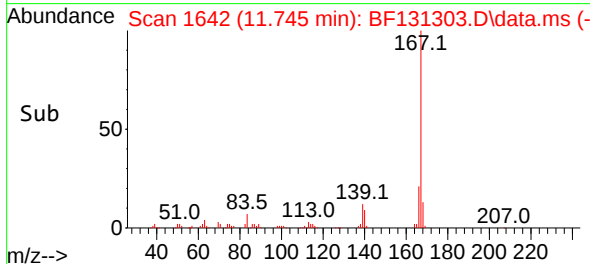
Instrument :
 BNA_F
 ClientSampleId :
 LOQ-WATER-02-QT4-2022



Tgt Ion:167 Resp: 71939
 Ion Ratio Lower Upper
 167 100
 166 21.4 17.4 26.2
 139 12.4 10.2 15.4

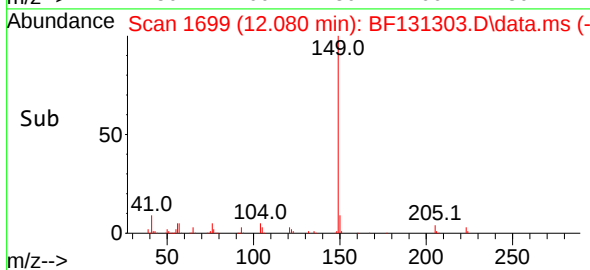
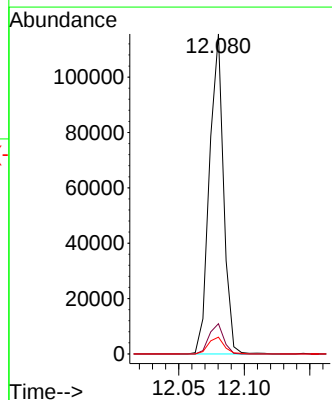
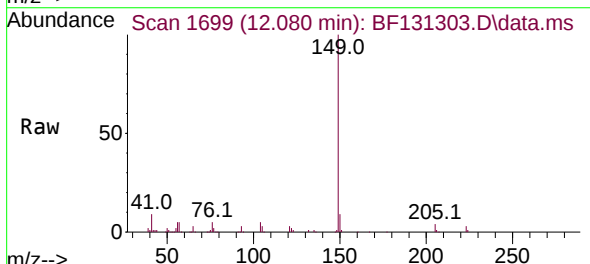
Manual Integrations
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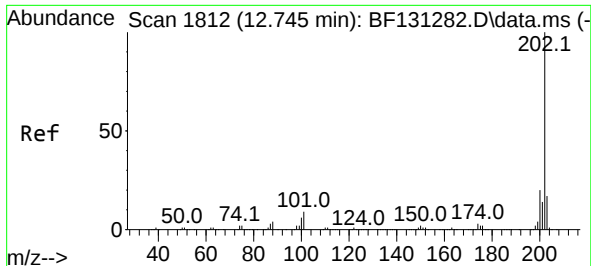
Reviewed By :Christian Giraldo 11/21/2022
 Supervised By :Jagrut Upadhyay 11/21/2022



#74
 Di-n-butylphthalate
 Concen: 4.652 ng
 RT: 12.080 min Scan# 1699
 Delta R.T. -0.006 min
 Lab File: BF131303.D
 Acq: 18 Nov 2022 18:12

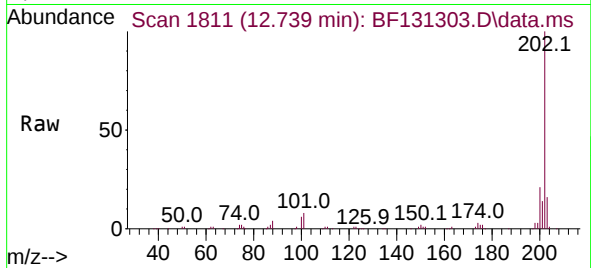
Tgt Ion:149 Resp: 86420
 Ion Ratio Lower Upper
 149 100
 150 9.4 7.1 10.7
 104 5.2 4.3 6.5





#75
Fluoranthene
Concen: 4.586 ng
RT: 12.739 min Scan# 1812
Delta R.T. -0.006 min
Lab File: BF131303.D
Acq: 18 Nov 2022 18:12

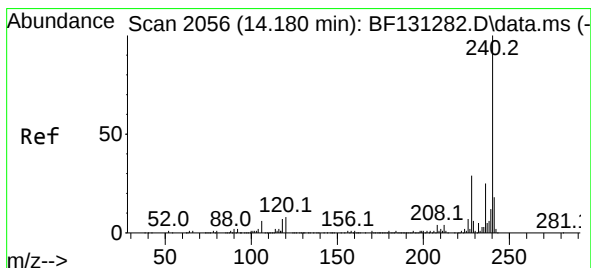
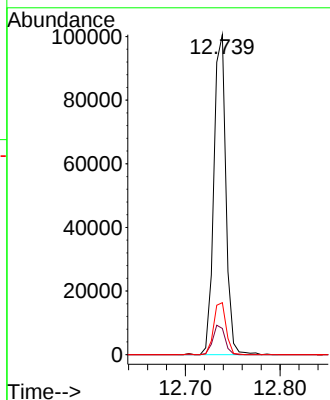
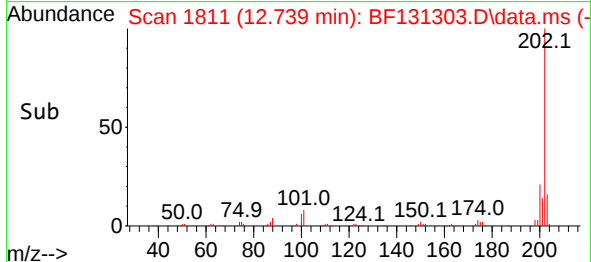
Instrument :
BNA_F
ClientSampleId :
LOQ-WATER-02-QT4-2022



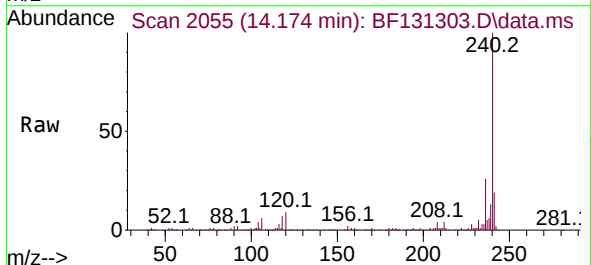
Tgt Ion:202 Resp: 89062
Ion Ratio Lower Upper
202 100
101 8.2 0.0 28.5
203 16.2 0.0 37.3

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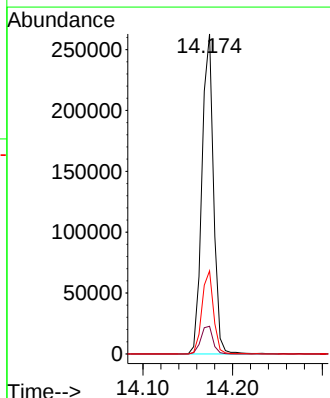
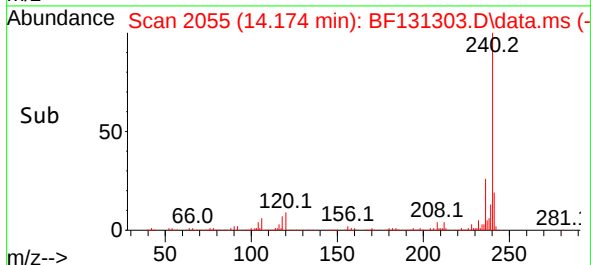
Reviewed By :Christian Giraldo 11/21/2022
Supervised By :Jagrut Upadhyay 11/21/2022

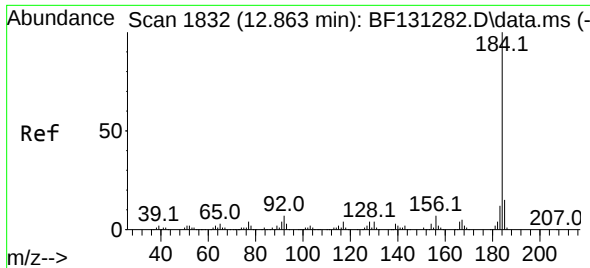


#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.174 min Scan# 2055
Delta R.T. -0.006 min
Lab File: BF131303.D
Acq: 18 Nov 2022 18:12



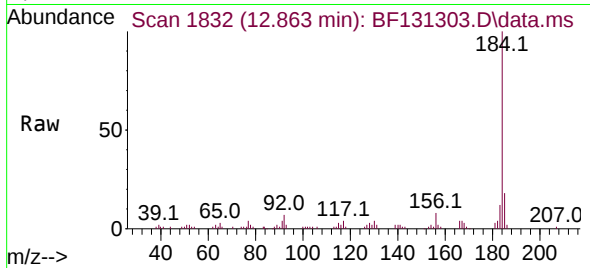
Tgt Ion:240 Resp: 234977
Ion Ratio Lower Upper
240 100
120 8.6 6.2 9.2
236 25.9 19.8 29.6





#77
Benzidine
Concen: 6.158 ng
RT: 12.863 min Scan# 1832
Delta R.T. -0.000 min
Lab File: BF131303.D
Acq: 18 Nov 2022 18:12

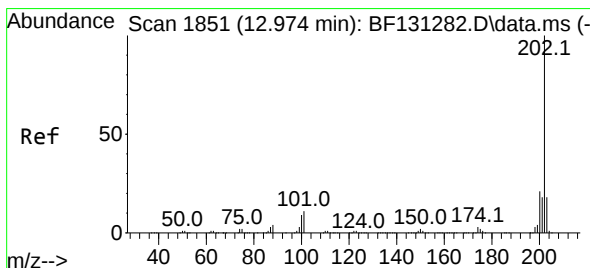
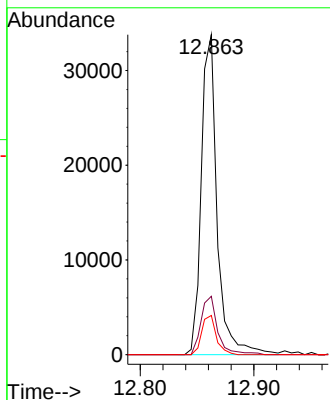
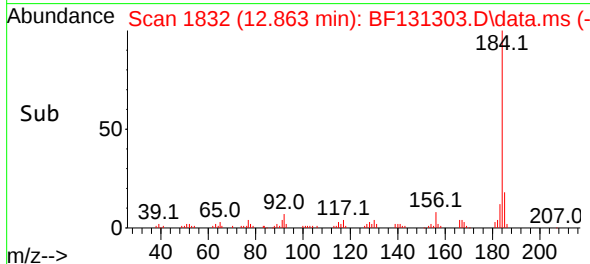
Instrument : BNA_F
ClientSampleId :
LOQ-WATER-02-QT4-2022



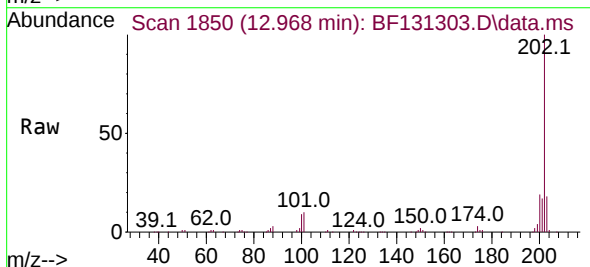
Tgt Ion:184 Resp: 32729
Ion Ratio Lower Upper
184 100
185 18.2 12.3 18.5
183 12.2 9.3 13.9

Manual Integrations
APPROVED

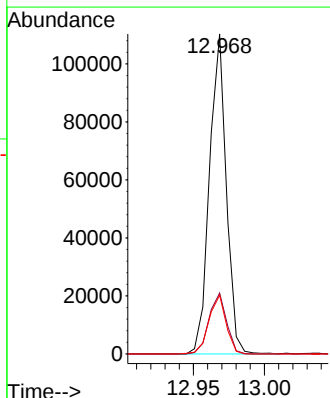
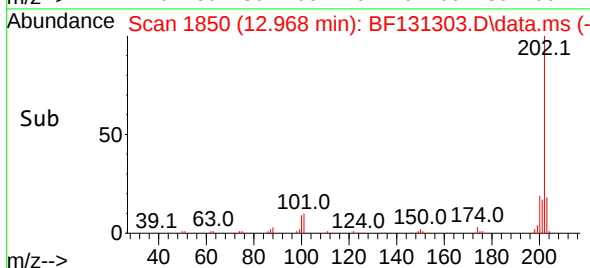
Reviewed By :Christian Giraldo 11/21/2022
Supervised By :Jagrut Upadhyay 11/21/2022

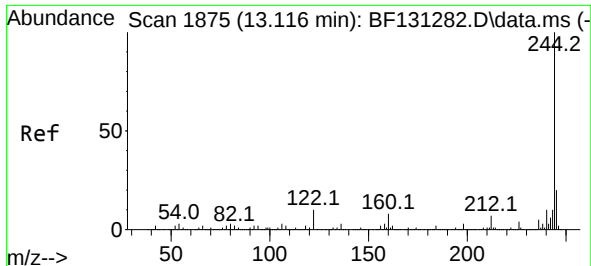


#78
Pyrene
Concen: 4.020 ng
RT: 12.968 min Scan# 1850
Delta R.T. -0.006 min
Lab File: BF131303.D
Acq: 18 Nov 2022 18:12



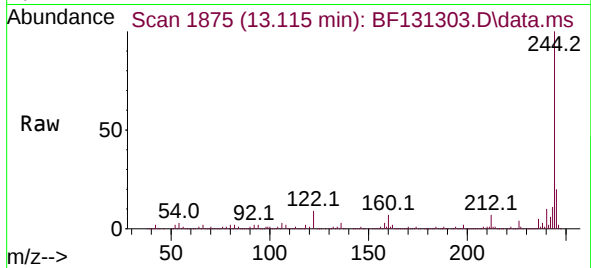
Tgt Ion:202 Resp: 90883
Ion Ratio Lower Upper
202 100
200 19.0 17.2 25.8
203 18.3 14.3 21.5





#79
 Terphenyl-d14
 Concen: 62.214 ng
 RT: 13.115 min Scan# 1875
 Delta R.T. -0.000 min
 Lab File: BF131303.D
 Acq: 18 Nov 2022 18:12

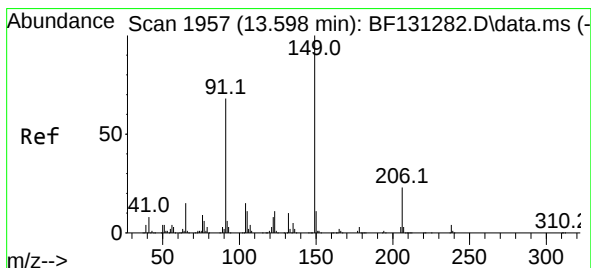
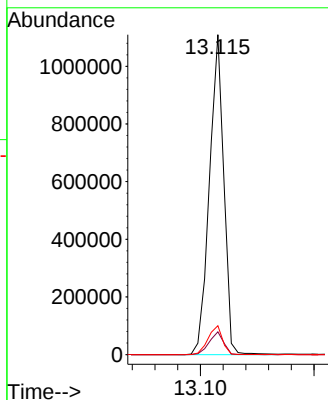
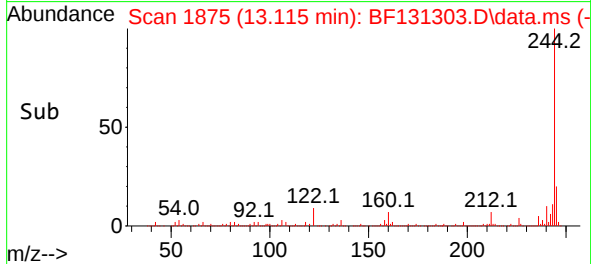
Instrument :
 BNA_F
 ClientSampleId :
 LOQ-WATER-02-QT4-2022



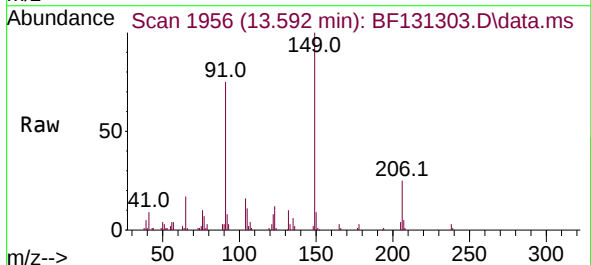
Tgt Ion:244 Resp: 977996
 Ion Ratio Lower Upper
 244 100
 212 7.1 5.8 8.6
 122 9.0 7.8 11.8

Manual Integrations
 APPROVED

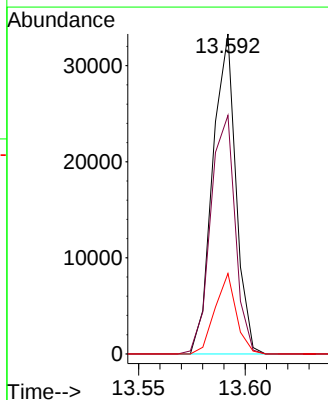
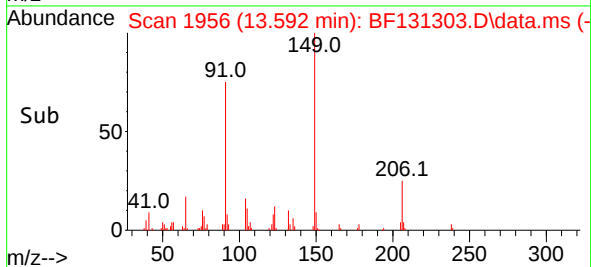
Reviewed By :Christian Giraldo 11/21/2022
 Supervised By :Jagrut Upadhyay 11/21/2022

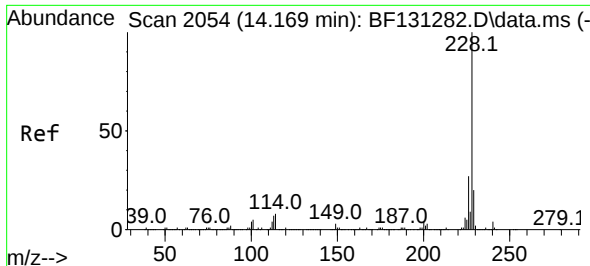


#80
 Butylbenzylphthalate
 Concen: 3.703 ng
 RT: 13.592 min Scan# 1956
 Delta R.T. -0.006 min
 Lab File: BF131303.D
 Acq: 18 Nov 2022 18:12



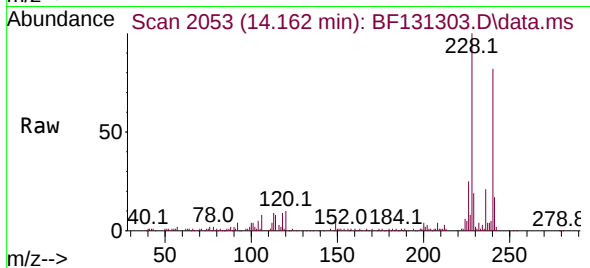
Tgt Ion:149 Resp: 25323
 Ion Ratio Lower Upper
 149 100
 91 74.5 54.6 82.0
 206 25.1 18.1 27.1





#81
Benzo(a)anthracene
Concen: 4.309 ng
RT: 14.162 min Scan# 2053
Delta R.T. -0.007 min
Lab File: BF131303.D
Acq: 18 Nov 2022 18:12

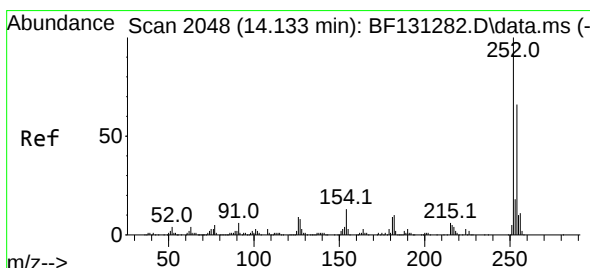
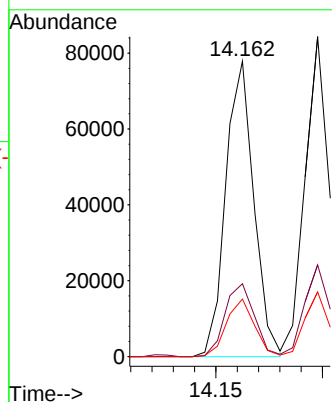
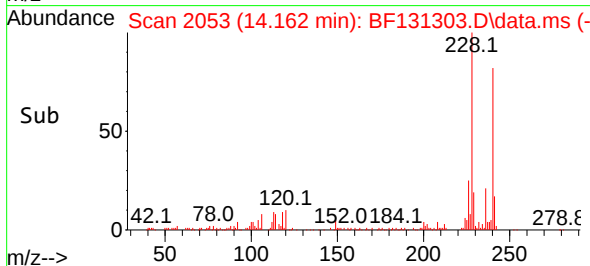
Instrument : BNA_F
ClientSampleId :
LOQ-WATER-02-QT4-2022



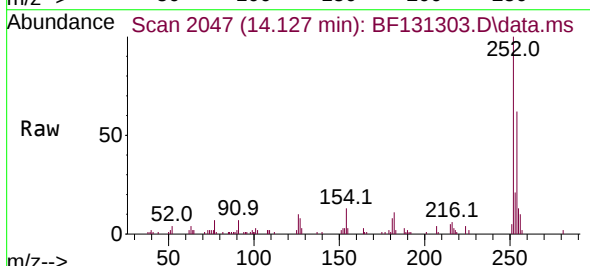
Tgt Ion:228 Resp: 71391
Ion Ratio Lower Upper
228 100
226 24.7 21.5 32.3
229 19.5 16.1 24.1

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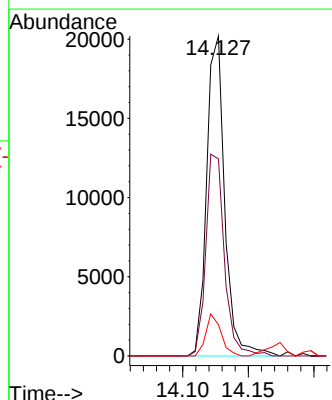
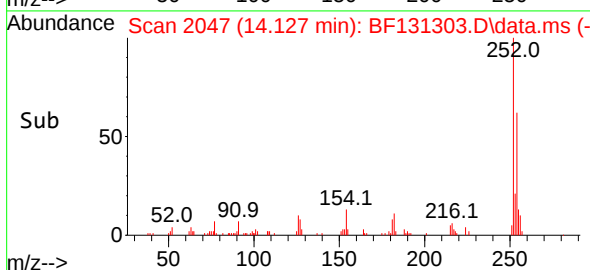
Reviewed By :Christian Giraldo 11/21/2022
Supervised By :Jagrut Upadhyay 11/21/2022

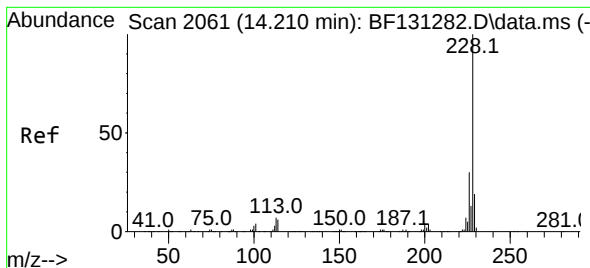


#82
3,3'-Dichlorobenzidine
Concen: 4.402 ng
RT: 14.127 min Scan# 2047
Delta R.T. -0.006 min
Lab File: BF131303.D
Acq: 18 Nov 2022 18:12



Tgt Ion:252 Resp: 19360
Ion Ratio Lower Upper
252 100
254 61.6 52.6 78.8
126 9.7 7.0 10.6





#83

Chrysene

Concen: 4.301 ng

RT: 14.198 min Scan# 2059

Delta R.T. -0.012 min

Lab File: BF131303.D

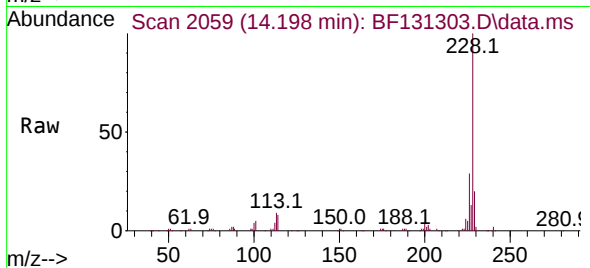
Acq: 18 Nov 2022 18:12

Instrument :

BNA_F

ClientSampleId :

LOQ-WATER-02-QT4-2022



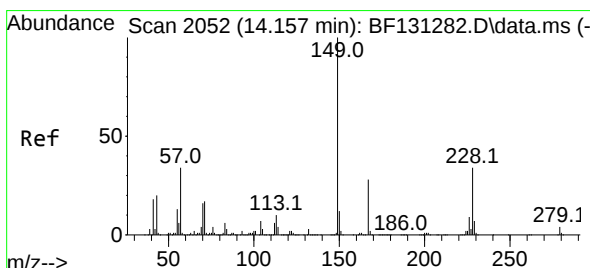
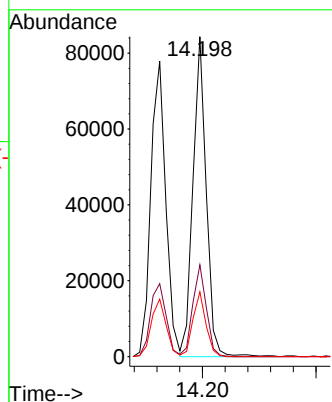
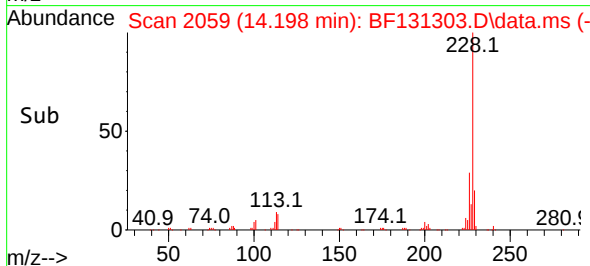
Tgt Ion:	228	Resp:	6814
Ion Ratio	Lower	Upper	
228	100		
226	28.7	23.8	35.6
229	20.3	15.2	22.8

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 11/21/2022

Supervised By :Jagrut Upadhyay 11/21/2022



#84

Bis(2-ethylhexyl)phthalate

Concen: 4.461 ng

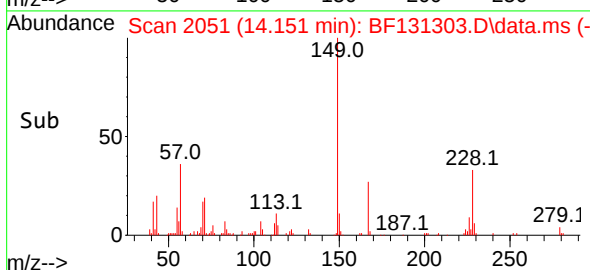
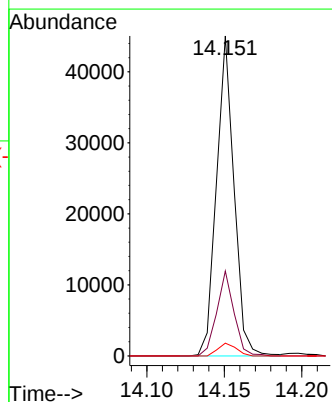
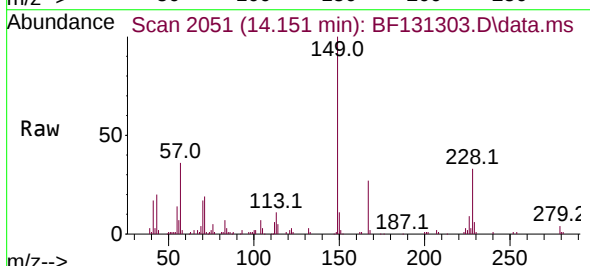
RT: 14.151 min Scan# 2051

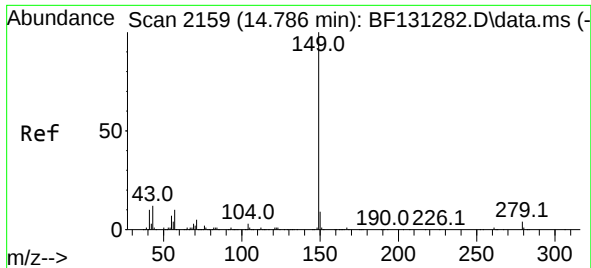
Delta R.T. -0.006 min

Lab File: BF131303.D

Acq: 18 Nov 2022 18:12

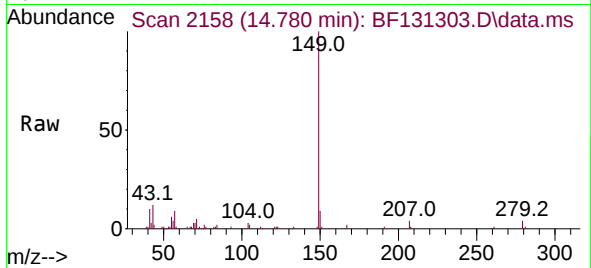
Tgt Ion:	149	Resp:	35515
Ion Ratio	Lower	Upper	
149	100		
167	26.5	22.2	33.4
279	4.0	3.4	5.2





#85
Di-n-octyl phthalate
Concen: 3.756 ng
RT: 14.780 min Scan# 2159
Delta R.T. -0.006 min
Lab File: BF131303.D
Acq: 18 Nov 2022 18:12

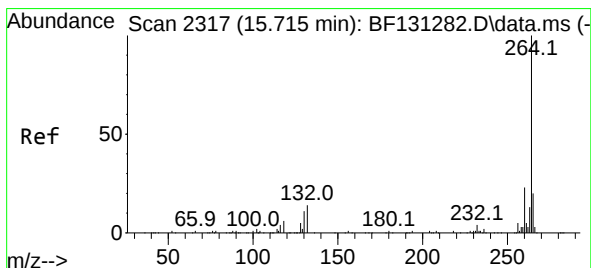
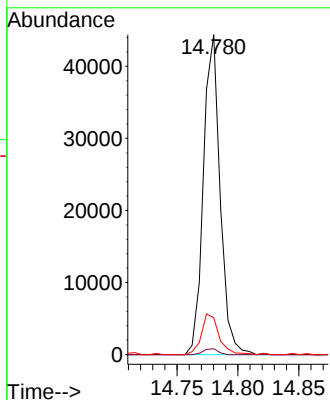
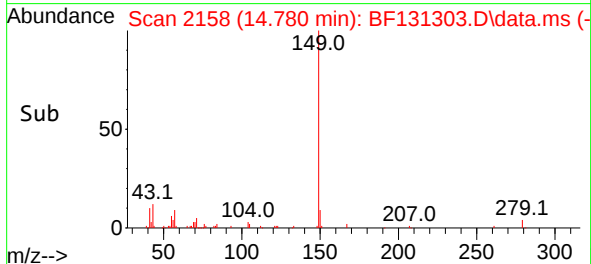
Instrument : BNA_F
ClientSampleId : LOQ-WATER-02-QT4-2022



Tgt Ion:149 Resp: 42447
Ion Ratio Lower Upper
149 100
167 1.6 1.2 1.8
43 13.3 10.6 16.0

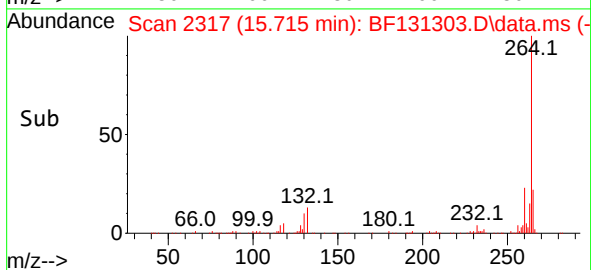
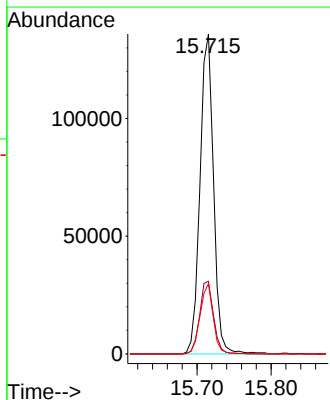
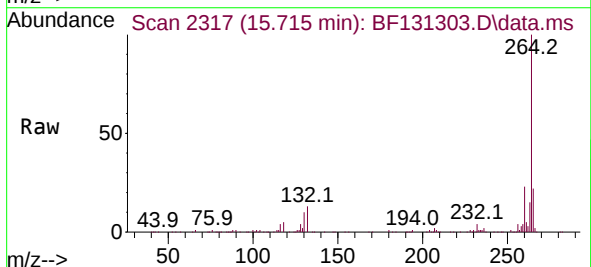
Manual Integrations
APPROVED

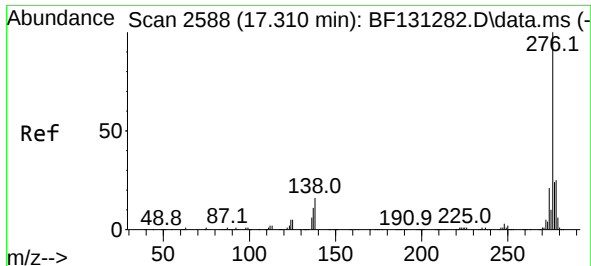
Reviewed By :Christian Giraldo 11/21/2022
Supervised By :Jagrut Upadhyay 11/21/2022



#86
Perylene-d12
Concen: 20.000 ng
RT: 15.715 min Scan# 2317
Delta R.T. -0.000 min
Lab File: BF131303.D
Acq: 18 Nov 2022 18:12

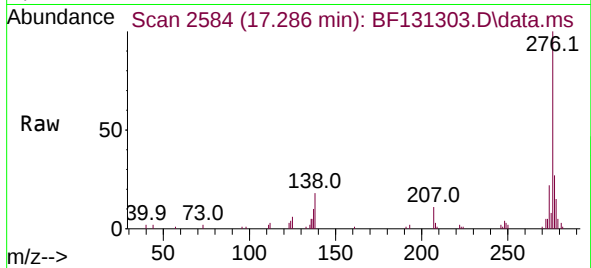
Tgt Ion:264 Resp: 172131
Ion Ratio Lower Upper
264 100
260 22.7 18.7 28.1
265 21.9 16.2 24.4





#87
Indeno(1,2,3-cd)pyrene
Concen: 3.435 ng
RT: 17.286 min Scan# 21
Delta R.T. -0.024 min
Lab File: BF131303.D
Acq: 18 Nov 2022 18:12

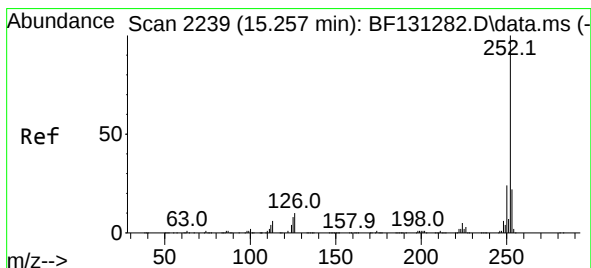
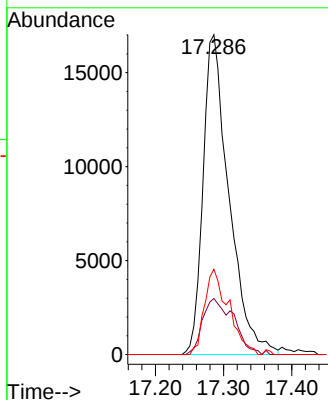
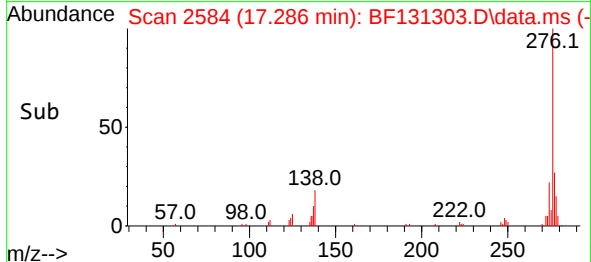
Instrument : BNA_F
ClientSampleId :
LOQ-WATER-02-QT4-2022



Tgt Ion: 276 Resp: 44845
Ion Ratio Lower Upper
276 100
138 21.1 15.1 22.7
277 24.9 20.1 30.1

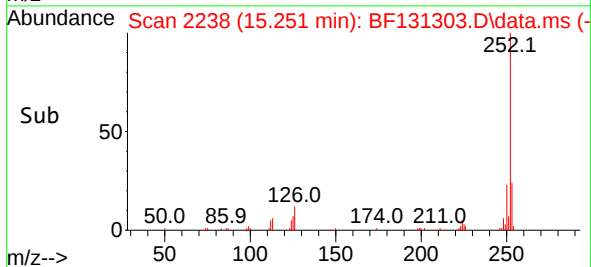
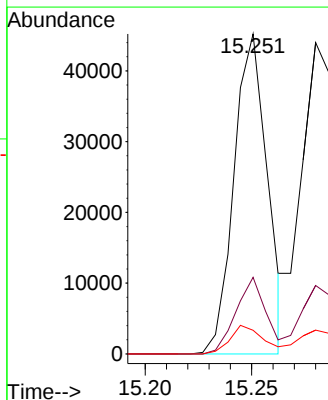
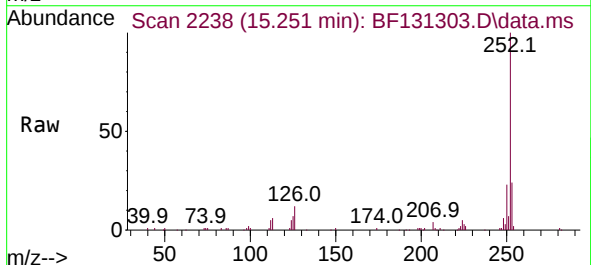
Manual Integrations
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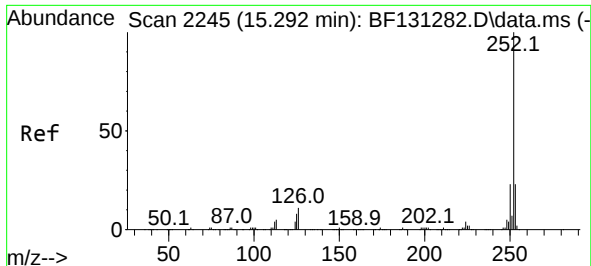
Reviewed By : Christian Giraldo 11/21/2022
Supervised By : Jagrut Upadhyay 11/21/2022



#88
Benzo(b)fluoranthene
Concen: 4.241 ng
RT: 15.251 min Scan# 2238
Delta R.T. -0.006 min
Lab File: BF131303.D
Acq: 18 Nov 2022 18:12

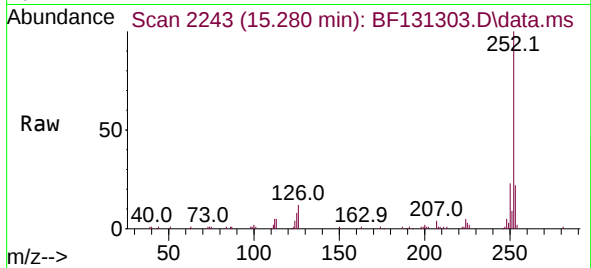
Tgt Ion: 252 Resp: 49130
Ion Ratio Lower Upper
252 100
253 23.9 17.4 26.0
125 7.4 6.3 9.5





#89
Benzo(k)fluoranthene
Concen: 4.627 ng
RT: 15.280 min Scan# 21
Delta R.T. -0.012 min
Lab File: BF131303.D
Acq: 18 Nov 2022 18:12

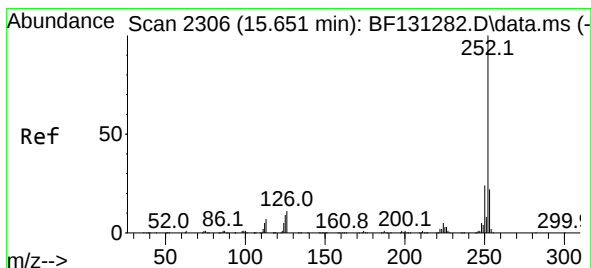
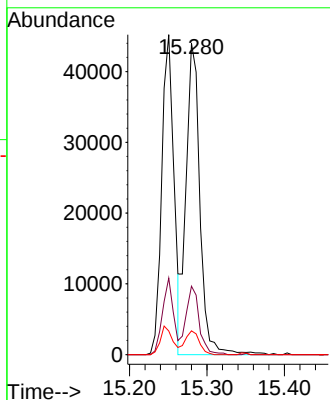
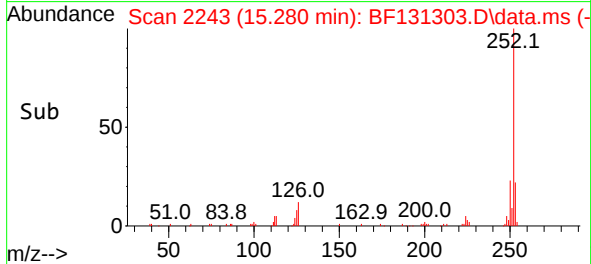
Instrument :
BNA_F
ClientSampleId :
LOQ-WATER-02-QT4-2022



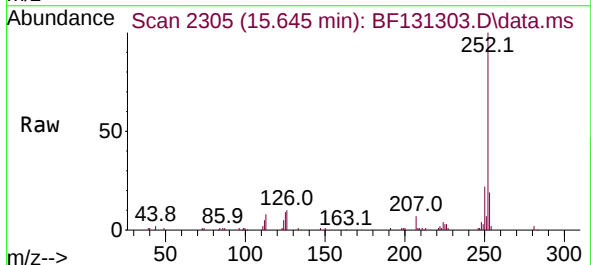
Tgt Ion:252 Resp: 5478
Ion Ratio Lower Upper
252 100
253 22.0 18.0 27.0
125 7.6 6.5 9.7

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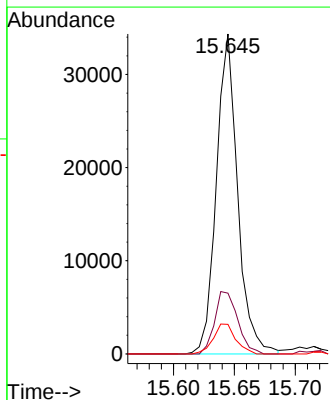
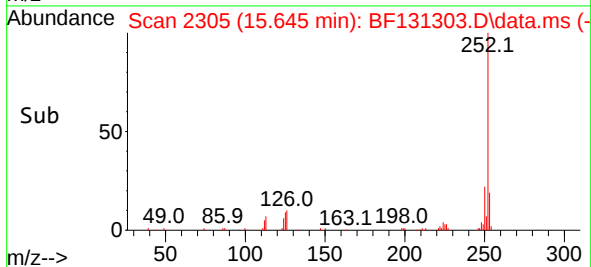
Reviewed By :Christian Giraldo 11/21/2022
Supervised By :Jagrut Upadhyay 11/21/2022

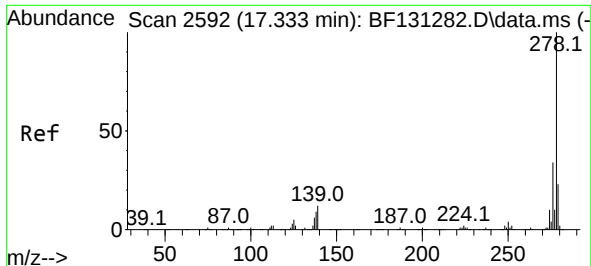


#90
Benzo(a)pyrene
Concen: 4.397 ng
RT: 15.645 min Scan# 2305
Delta R.T. -0.006 min
Lab File: BF131303.D
Acq: 18 Nov 2022 18:12



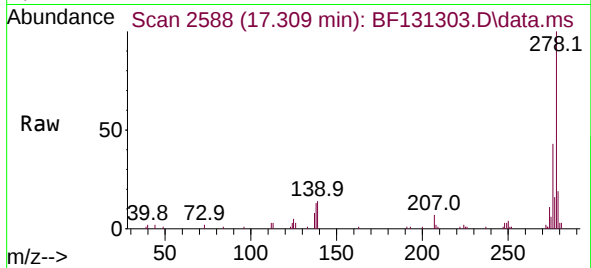
Tgt Ion:252 Resp: 41825
Ion Ratio Lower Upper
252 100
253 19.0 17.7 26.5
125 9.2 7.2 10.8





#91
Dibenzo(a,h)anthracene
Concen: 3.679 ng
RT: 17.309 min Scan# 21
Delta R.T. -0.024 min
Lab File: BF131303.D
Acq: 18 Nov 2022 18:12

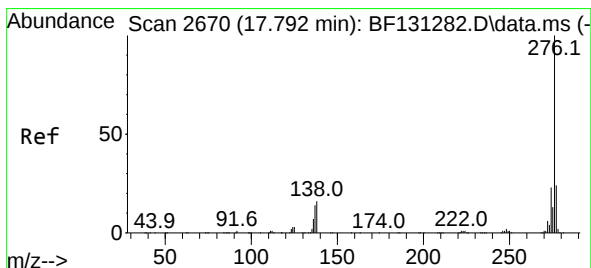
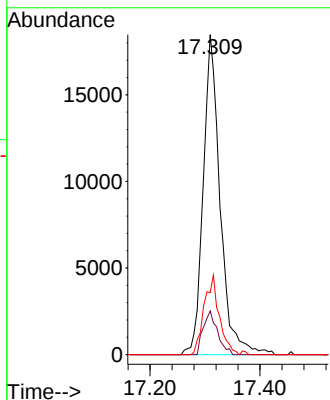
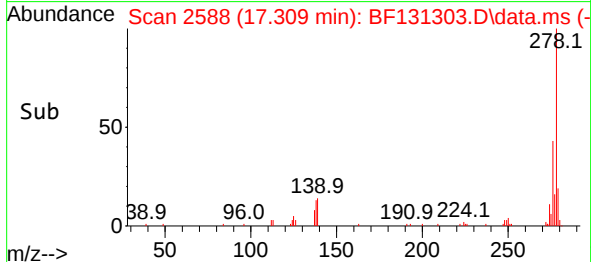
Instrument :
BNA_F
ClientSampleId :
LOQ-WATER-02-QT4-2022



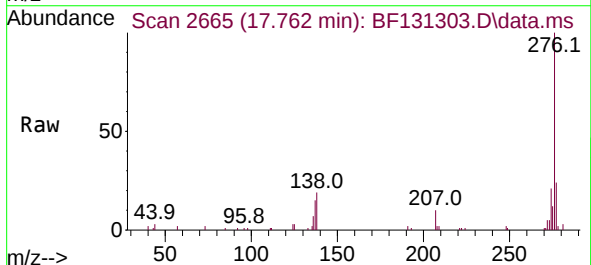
Tgt Ion:278 Resp: 3952
Ion Ratio Lower Upper
278 100
139 13.6 10.0 15.0
279 19.4 18.6 27.8

Manual Integrations
APPROVED

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



#92
Benzo(g,h,i)perylene
Concen: 3.703 ng
RT: 17.762 min Scan# 2665
Delta R.T. -0.030 min
Lab File: BF131303.D
Acq: 18 Nov 2022 18:12



Tgt Ion:276 Resp: 40223
Ion Ratio Lower Upper
276 100
277 24.5 19.4 29.0
138 19.0 13.0 19.6

