

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF111822\
 Data File : BF131300.D
 Acq On : 18 Nov 2022 16:29
 Operator : CG\JU
 Sample : N4955-08
 Misc : LOQ-WATER 10ppm
 ALS Vial : 12 Sample Multiplier: 1

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

Quant Time: Nov 21 01:31:31 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	87417	20.000	ng	0.00
21) Naphthalene-d8	8.257	136	322714	20.000	ng	0.00
39) Acenaphthene-d10	10.022	164	187649	20.000	ng	0.00
64) Phenanthrene-d10	11.522	188	347592	20.000	ng	0.00
76) Chrysene-d12	14.174	240	230754	20.000	ng	0.00
86) Perylene-d12	15.716	264	170228	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.569	112	446797	93.550	ng	0.00
7) Phenol-d6	6.581	99	556165	91.857	ng	0.00
23) Nitrobenzene-d5	7.534	82	421399	69.752	ng	0.00
42) 2,4,6-Tribromophenol	10.816	330	158405	94.828	ng	0.00
45) 2-Fluorobiphenyl	9.339	172	843960	64.237	ng	0.00
79) Terphenyl-d14	13.116	244	934423	60.530	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	2.769	88	20535	9.300	ng	95
3) Pyridine	3.552	79	50245	8.166	ng	98
4) n-Nitrosodimethylamine	3.481	42	31035	8.130	ng	93
6) Aniline	6.628	93	76921	10.151	ng	97
8) 2-Chlorophenol	6.751	128	49809	9.422	ng	91
9) Benzaldehyde	6.516	77	45835	10.428	ng	99
10) Phenol	6.593	94	61349	9.155	ng	92
11) bis(2-Chloroethyl)ether	6.698	93	51738	9.592	ng	99
12) 1,3-Dichlorobenzene	6.910	146	57922	9.210	ng	95
13) 1,4-Dichlorobenzene	6.987	146	58795	9.194	ng	95
14) 1,2-Dichlorobenzene	7.140	146	55032	9.245	ng	99
15) Benzyl Alcohol	7.104	79	39675m	7.693	ng	
16) 2,2'-oxybis(1-Chloropr...	7.240	45	97830	9.579	ng	99
17) 2-Methylphenol	7.204	107	42187	9.128	ng	95
18) Hexachloroethane	7.487	117	21374	9.400	ng	97
19) n-Nitroso-di-n-propyla...	7.369	70	39989	9.183	ng	94
20) 3+4-Methylphenols	7.357	107	53988	9.146	ng	90
22) Acetophenone	7.375	105	79652	9.341	ng	# 98
24) Nitrobenzene	7.551	77	59443	9.721	ng	94
25) Isophorone	7.787	82	106001	9.190	ng	100
26) 2-Nitrophenol	7.869	139	17453	9.012	ng	93
27) 2,4-Dimethylphenol	7.898	122	47646	10.507	ng	100
28) bis(2-Chloroethoxy)met...	7.998	93	64163	9.959	ng	100
29) 2,4-Dichlorophenol	8.104	162	43409	8.939	ng	98
30) 1,2,4-Trichlorobenzene	8.198	180	51624	8.562	ng	95
31) Naphthalene	8.281	128	151935	8.682	ng	99
32) Benzoic acid	7.969	122	34743m	12.807	ng	
33) 4-Chloroaniline	8.322	127	62730	9.228	ng	99
34) Hexachlorobutadiene	8.392	225	34878	8.754	ng	98
35) Caprolactam	8.663	113	12113	8.958	ng	96
36) 4-Chloro-3-methylphenol	8.798	107	46880	8.956	ng	99
37) 2-Methylnaphthalene	8.975	142	106526	9.032	ng	97
38) 1-Methylnaphthalene	9.075	142	98778	8.643	ng	98
40) 1,2,4,5-Tetrachloroben...	9.140	216	55935	9.110	ng	98
41) Hexachlorocyclopentadiene	9.128	237	25673	9.666	ng	94
43) 2,4,6-Trichlorophenol	9.245	196	26248	7.190	ng	96

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.281	196	34609	8.701	ng	98
46) 1,1'-Biphenyl	9.439	154	134189	9.261	ng	99
47) 2-Chloronaphthalene	9.463	162	103453	8.892	ng	97
48) 2-Nitroaniline	9.557	65	28936	8.998	ng	97
49) Acenaphthylene	9.881	152	159767	8.990	ng	98
50) Dimethylphthalate	9.734	163	120639	8.878	ng	98
51) 2,6-Dinitrotoluene	9.798	165	20581	9.221	ng	96
52) Acenaphthene	10.057	154	100351	9.050	ng	100
53) 3-Nitroaniline	9.969	138	22749	9.631	ng	94
54) 2,4-Dinitrophenol	10.069	184	9175	11.670	ng	# 84
55) Dibenzofuran	10.228	168	145412	9.043	ng	96
56) 4-Nitrophenol	10.110	139	14595	8.211	ng	# 85
57) 2,4-Dinitrotoluene	10.198	165	25559	9.470	ng	96
58) Fluorene	10.575	166	115968	9.082	ng	99
59) 2,3,4,6-Tetrachlorophenol	10.339	232	27940	8.293	ng	98
60) Diethylphthalate	10.439	149	114404	8.825	ng	97
61) 4-Chlorophenyl-phenyle...	10.569	204	60849	9.400	ng	91
62) 4-Nitroaniline	10.581	138	21414	8.923	ng	90
63) Azobenzene	10.728	77	119387	8.867	ng	99
65) 4,6-Dinitro-2-methylph...	10.604	198	10977	9.109	ng	76
66) n-Nitrosodiphenylamine	10.681	169	98847	8.825	ng	99
67) 4-Bromophenyl-phenylether	11.057	248	37633	9.023	ng	94
68) Hexachlorobenzene	11.122	284	40135	8.869	ng	97
69) Atrazine	11.204	200	33699	9.431	ng	96
70) Pentachlorophenol	11.310	266	28289m	11.701	ng	
71) Phenanthrene	11.545	178	166716	8.674	ng	98
72) Anthracene	11.592	178	170475	9.070	ng	99
73) Carbazole	11.745	167	143837	9.103	ng	99
74) Di-n-butylphthalate	12.080	149	175971	9.224	ng	100
75) Fluoranthene	12.739	202	173941	8.721	ng	99
77) Benzidine	12.863	184	75524	14.470	ng	97
78) Pyrene	12.969	202	177063	7.975	ng	99
80) Butylbenzylphthalate	13.592	149	53897	8.025	ng	97
81) Benzo(a)anthracene	14.163	228	135412	8.324	ng	97
82) 3,3'-Dichlorobenzidine	14.127	252	40815	9.450	ng	96
83) Chrysene	14.198	228	128631	8.267	ng	98
84) Bis(2-ethylhexyl)phtha...	14.151	149	67933	8.690	ng	98
85) Di-n-octyl phthalate	14.780	149	86093	7.758	ng	100
87) Indeno(1,2,3-cd)pyrene	17.286	276	91289	7.071	ng	96
88) Benzo(b)fluoranthene	15.251	252	99614	8.695	ng	98
89) Benzo(k)fluoranthene	15.280	252	98737	8.432	ng	97
90) Benzo(a)pyrene	15.645	252	81542	8.669	ng	99
91) Dibenzo(a,h)anthracene	17.315	278	81694	7.689	ng	97
92) Benzo(g,h,i)perylene	17.762	276	81816	7.617	ng	97

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

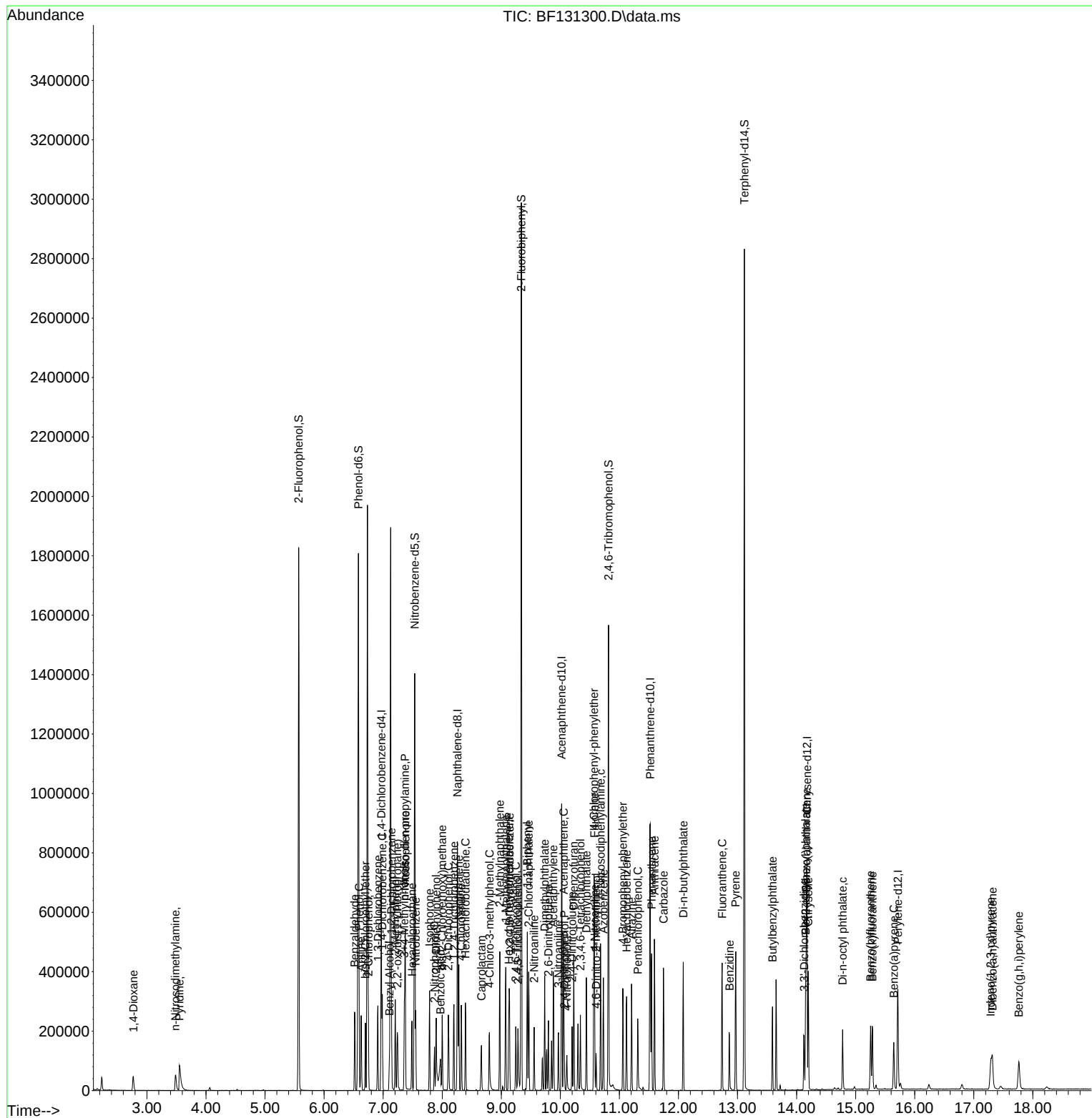
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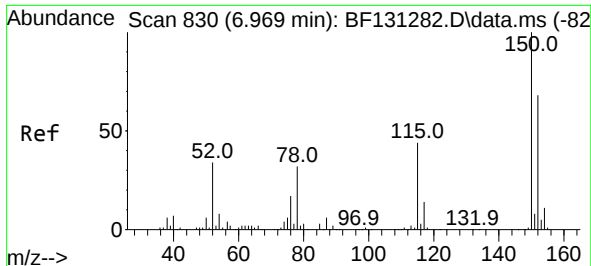
Instrument :
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 ClientSampleId :
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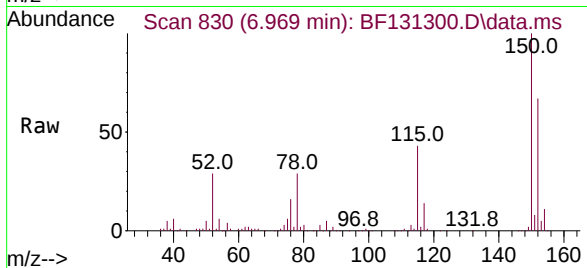
Reviewed By :Christian Giraldo 11/21/2022
 Supervised By :Jagrut Upadhyay 11/21/2022





#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.969 min Scan# 830
Delta R.T. 0.000 min
Lab File: BF131300.D
Acq: 18 Nov 2022 16:29

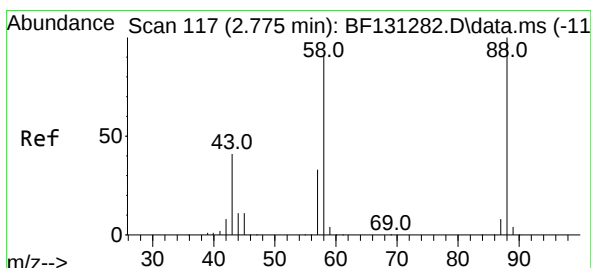
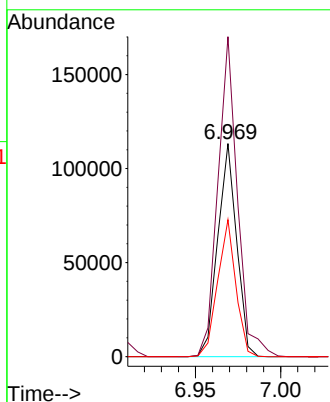
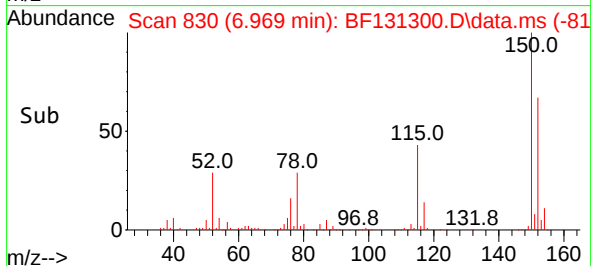
Instrument :
BNA_F
ClientSampleId :
LOQ-WATER-02-QT4-2022



Tgt Ion: 152 Resp: 87417
Ion Ratio Lower Upper
152 100
150 150.2 117.8 176.6
115 64.2 52.2 78.4

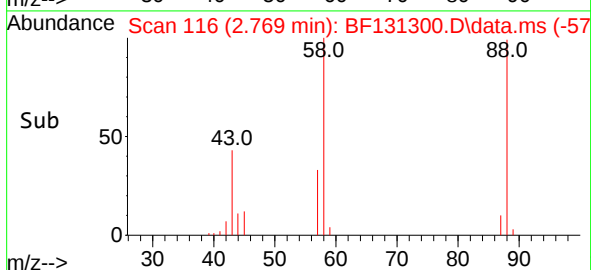
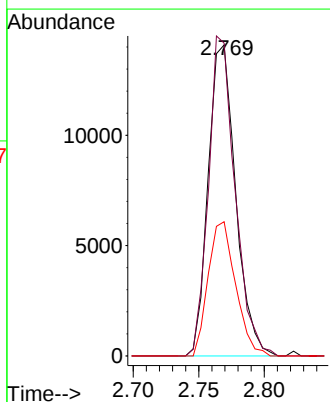
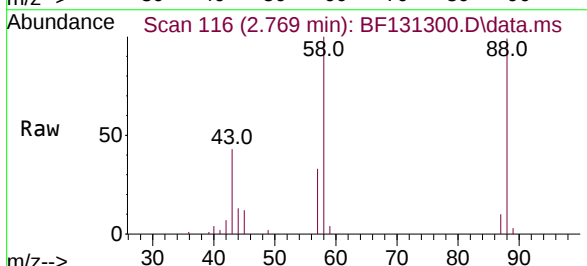
Manual Integrations
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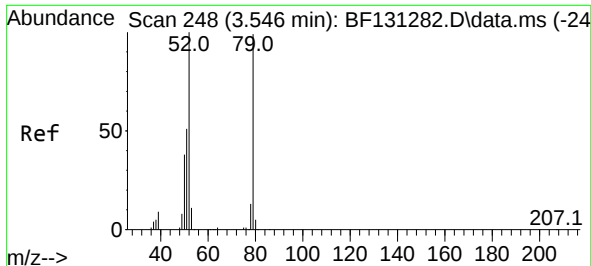
Reviewed By :Christian Giraldo 11/21/2022
Supervised By :Jagrut Upadhyay 11/21/2022



#2
1,4-Dioxane
Concen: 9.300 ng
RT: 2.769 min Scan# 116
Delta R.T. -0.006 min
Lab File: BF131300.D
Acq: 18 Nov 2022 16:29

Tgt Ion: 88 Resp: 20535
Ion Ratio Lower Upper
88 100
58 99.5 76.0 114.0
43 43.1 32.4 48.6





#3

Pyridine

Concen: 8.166 ng

RT: 3.552 min Scan# 24

Delta R.T. 0.006 min

Lab File: BF131300.D

Acq: 18 Nov 2022 16:29

Instrument :

BNA_F

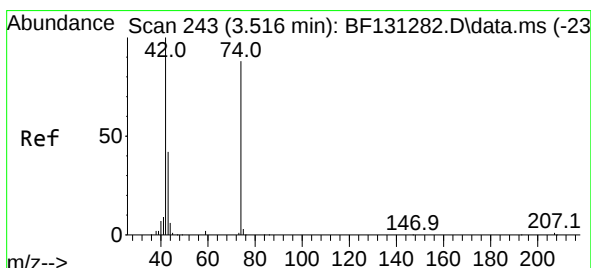
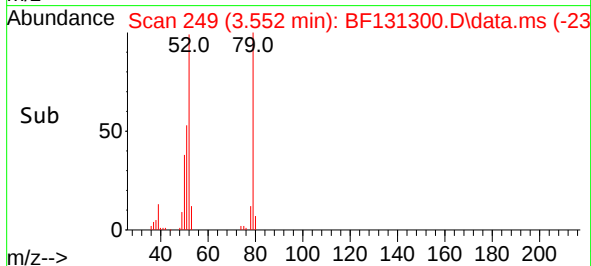
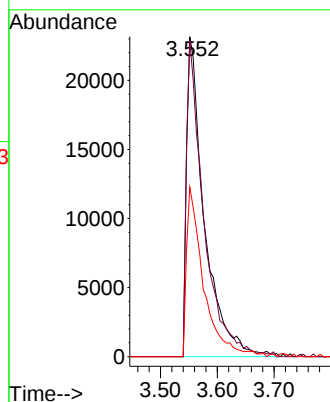
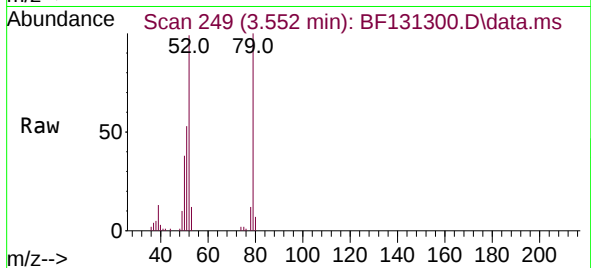
ClientSampleId :

LOQ-WATER-02-QT4-2022

Tgt Ion: 79 Resp: 50245
 Ion Ratio Lower Upper
 79 100
 52 98.7 80.7 121.1
 51 53.0 41.6 62.4

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#4

n-Nitrosodimethylamine

Concen: 8.130 ng

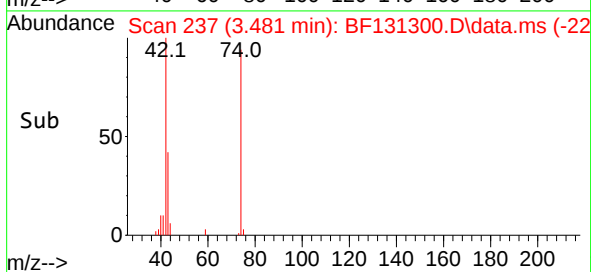
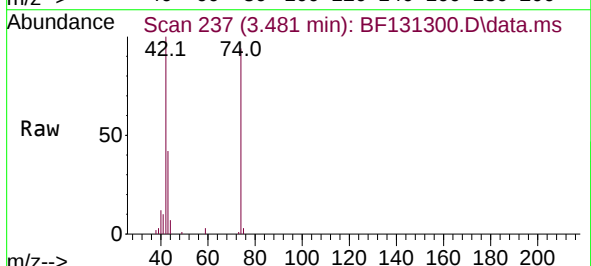
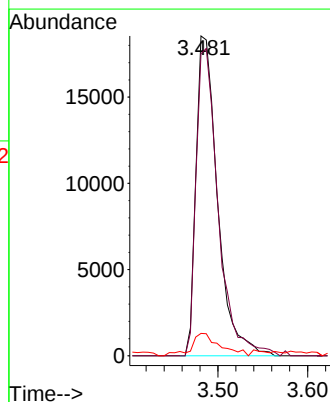
RT: 3.481 min Scan# 237

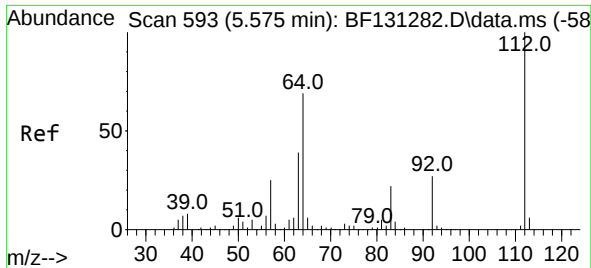
Delta R.T. -0.035 min

Lab File: BF131300.D

Acq: 18 Nov 2022 16:29

Tgt Ion: 42 Resp: 31035
 Ion Ratio Lower Upper
 42 100
 74 94.4 70.3 105.5
 44 7.0 5.4 8.2





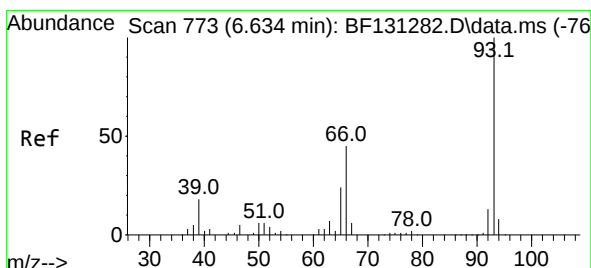
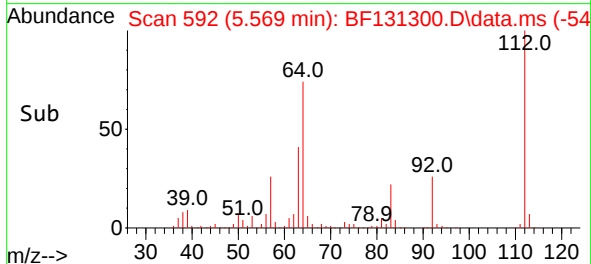
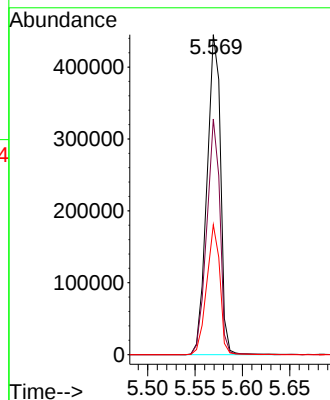
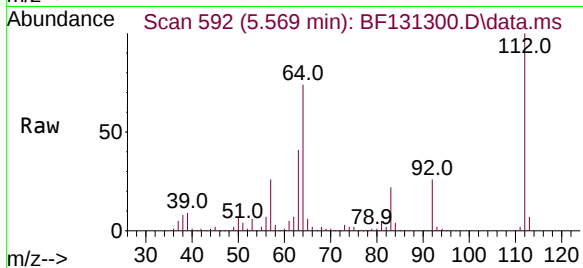
#5
2-Fluorophenol
Concen: 93.550 ng
RT: 5.569 min Scan# 593
Delta R.T. -0.006 min
Lab File: BF131300.D
Acq: 18 Nov 2022 16:29

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

Tgt Ion:112 Resp: 446797
Ion Ratio Lower Upper
112 100
64 73.6 55.5 83.3
63 40.6 31.0 46.6

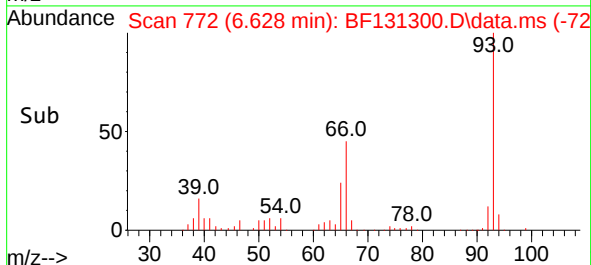
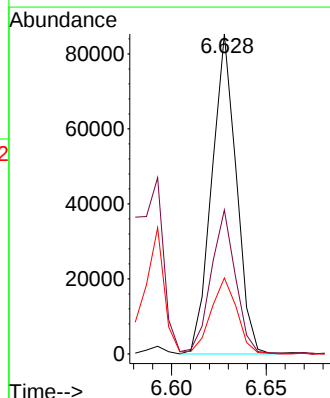
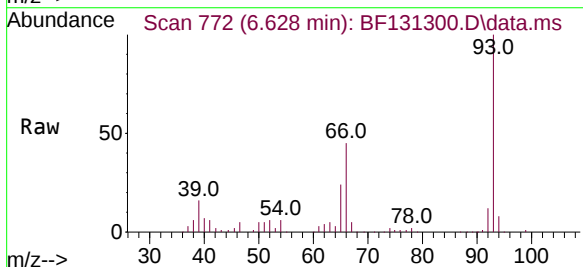
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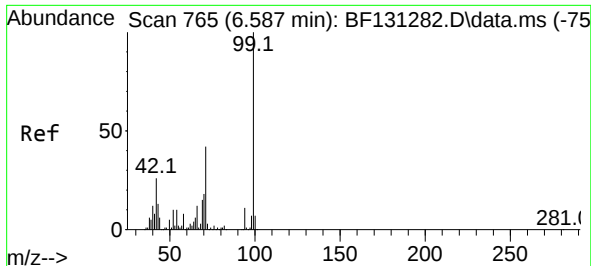
Reviewed By :Christian Giraldo 11/21/2022
Supervised By :Jagrut Upadhyay 11/21/2022



#6
Aniline
Concen: 10.151 ng
RT: 6.628 min Scan# 772
Delta R.T. -0.006 min
Lab File: BF131300.D
Acq: 18 Nov 2022 16:29

Tgt Ion: 93 Resp: 76921
Ion Ratio Lower Upper
93 100
66 45.0 37.7 56.5
65 23.7 19.5 29.3





#7

Phenol-d6

Concen: 91.857 ng

RT: 6.581 min Scan# 764

Delta R.T. -0.006 min

Lab File: BF131300.D

Acq: 18 Nov 2022 16:29

Instrument :

BNA_F

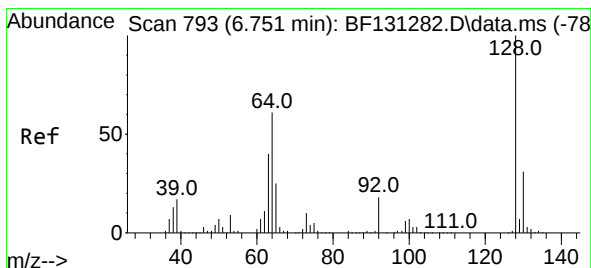
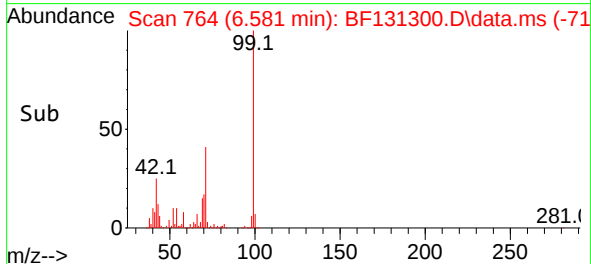
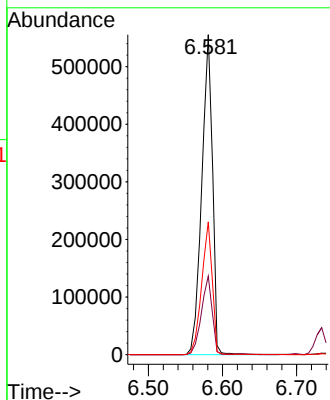
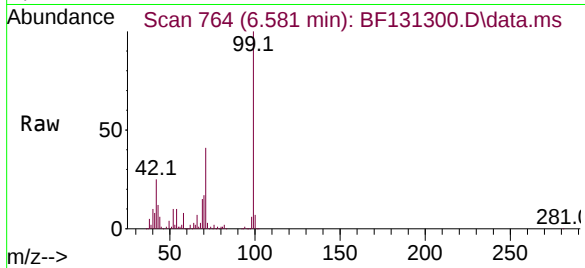
ClientSampleId :

LOQ-WATER-02-QT4-2022

Tgt Ion: 99 Resp: 556165
 Ion Ratio Lower Upper
 99 100
 42 24.5 21.2 31.8
 71 41.5 33.8 50.6

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#8

2-Chlorophenol

Concen: 9.422 ng

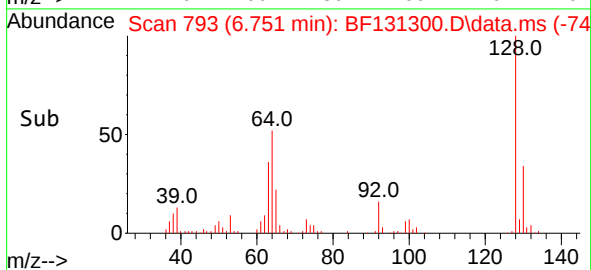
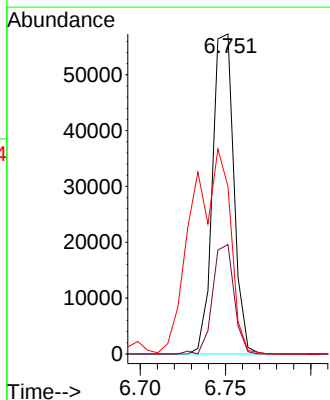
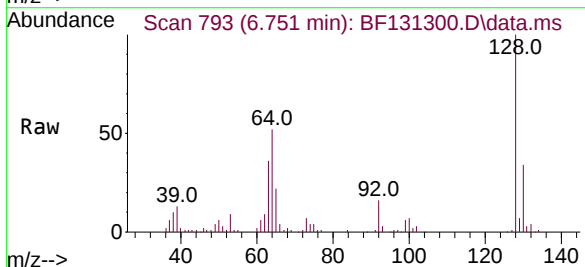
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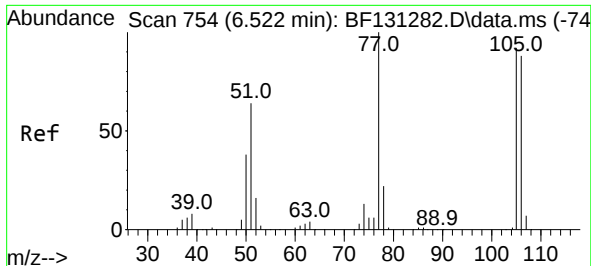
Delta R.T. 0.000 min

Lab File: BF131300.D

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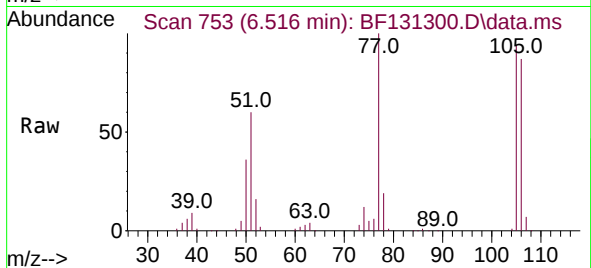
Tgt Ion:128 Resp: 49809
 Ion Ratio Lower Upper
 128 100
 130 34.2 11.4 51.4
 64 52.3 40.9 80.9





#9
Benzaldehyde
Concen: 10.428 ng
RT: 6.516 min Scan# 753
Delta R.T. -0.006 min
Lab File: BF131300.D
Acq: 18 Nov 2022 16:29

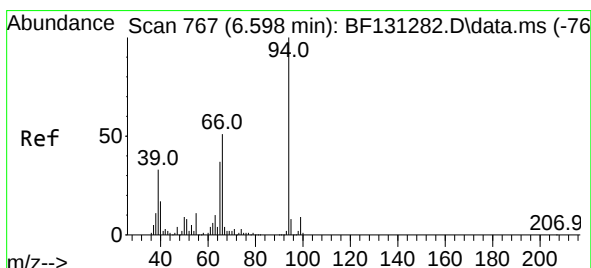
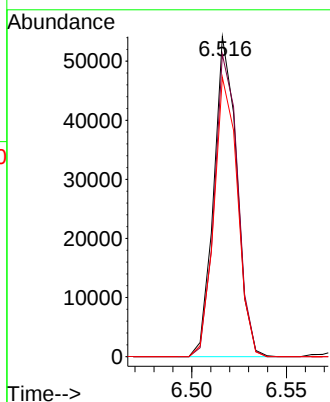
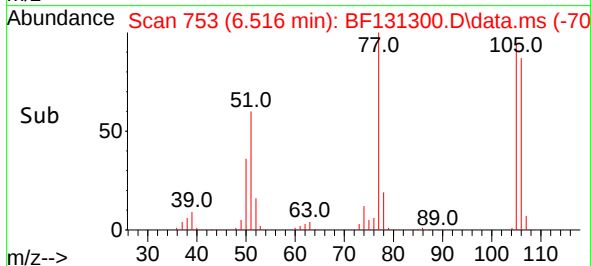
Instrument :
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ClientSampleId :
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Tgt Ion: 77 Resp: 45835
Ion Ratio Lower Upper
77 100
105 94.4 72.5 112.5
106 87.3 67.7 107.7

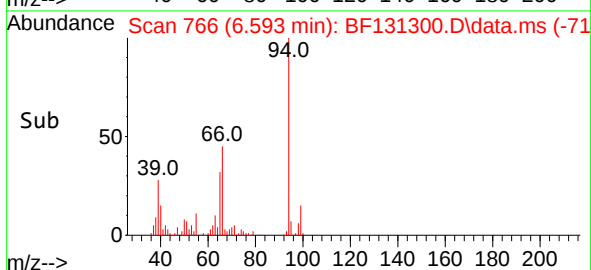
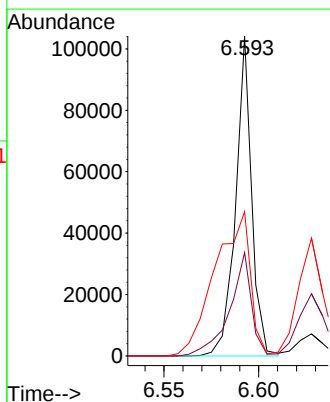
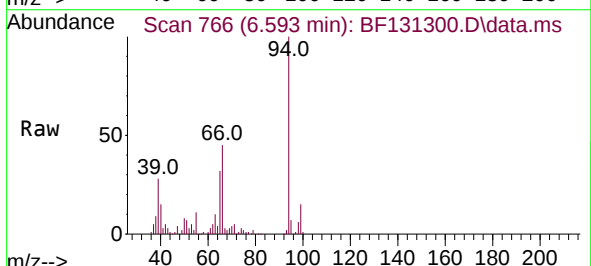
Manual Integrations
APPROVED

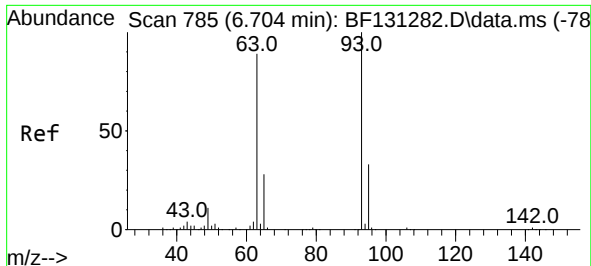
Reviewed By :Christian Giraldo 11/21/2022
Supervised By :Jagrut Upadhyay 11/21/2022



#10
Phenol
Concen: 9.155 ng
RT: 6.593 min Scan# 766
Delta R.T. -0.006 min
Lab File: BF131300.D
Acq: 18 Nov 2022 16:29

Tgt Ion: 94 Resp: 61349
Ion Ratio Lower Upper
94 100
65 32.3 16.8 56.8
66 45.1 31.4 71.4





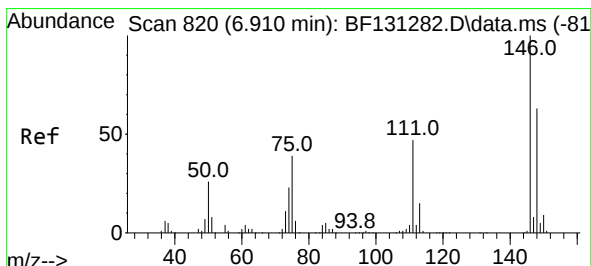
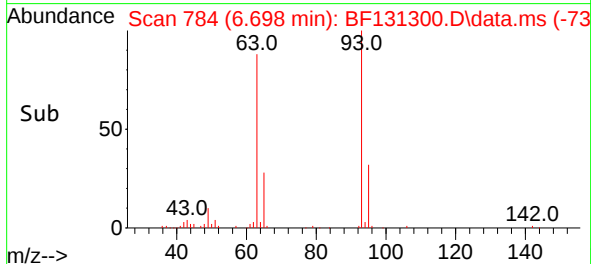
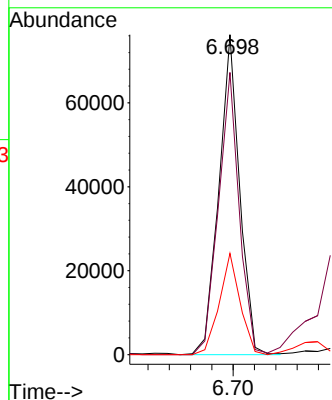
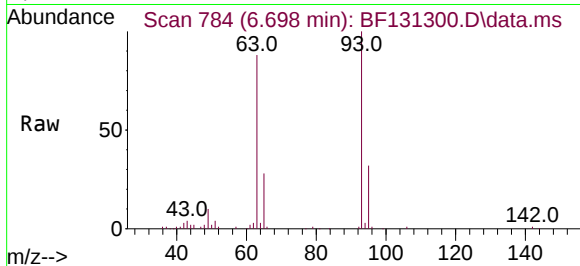
#11
bis(2-Chloroethyl)ether
Concen: 9.592 ng
RT: 6.698 min Scan# 785
Delta R.T. -0.006 min
Lab File: BF131300.D
Acq: 18 Nov 2022 16:29

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

Tgt Ion: 93 Resp: 51738
Ion Ratio Lower Upper
93 100
63 88.2 68.8 108.8
95 31.6 12.4 52.4

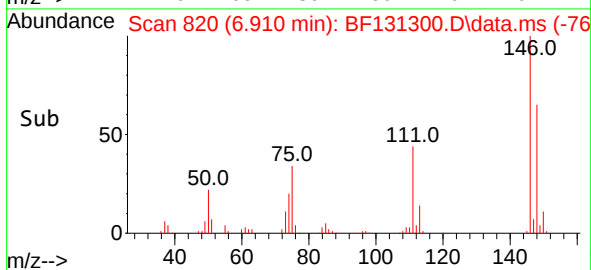
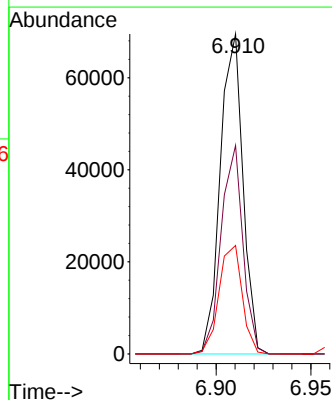
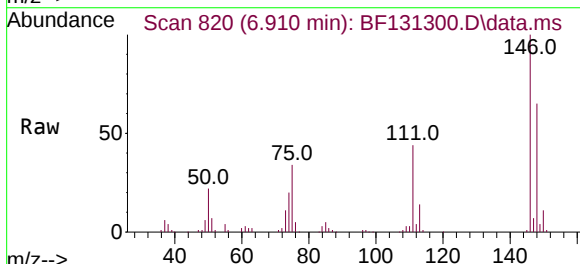
Manual Integrations
APPROVED

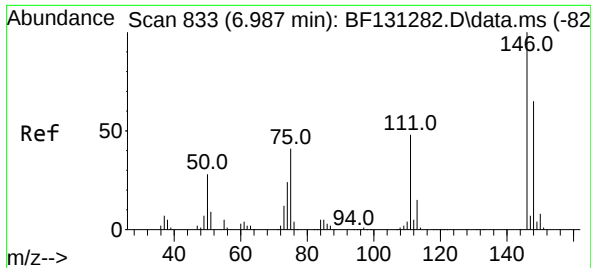
Reviewed By :Christian Giraldo 11/21/2022
Supervised By :Jagrut Upadhyay 11/21/2022



#12
1,3-Dichlorobenzene
Concen: 9.210 ng
RT: 6.910 min Scan# 820
Delta R.T. 0.000 min
Lab File: BF131300.D
Acq: 18 Nov 2022 16:29

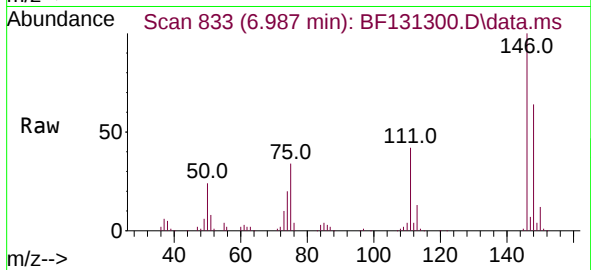
Tgt Ion:146 Resp: 57922
Ion Ratio Lower Upper
146 100
148 65.1 50.4 75.6
75 33.9 30.9 46.3





#13
1,4-Dichlorobenzene
Concen: 9.194 ng
RT: 6.987 min Scan# 841
Delta R.T. 0.000 min
Lab File: BF131300.D
Acq: 18 Nov 2022 16:29

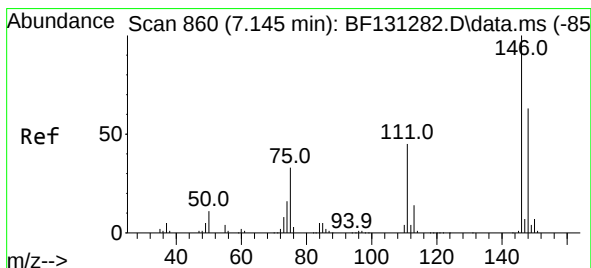
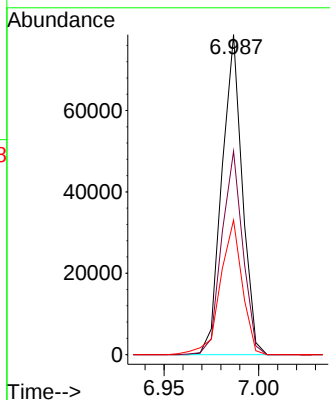
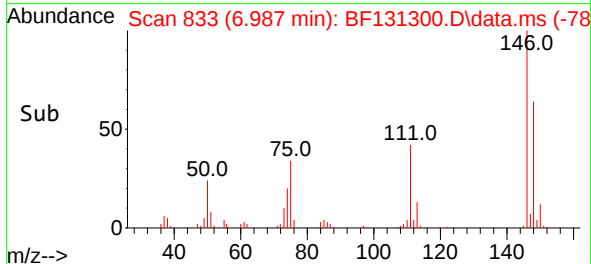
Instrument :
BNA_F
ClientSampleId :
LOQ-WATER-02-QT4-2022



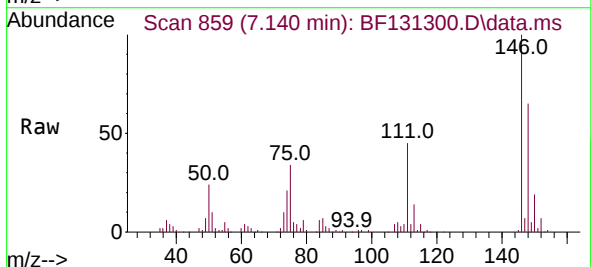
Tgt Ion:146 Resp: 58795
Ion Ratio Lower Upper
146 100
148 63.6 51.9 77.9
111 42.0 38.3 57.5

Manual Integrations
APPROVED

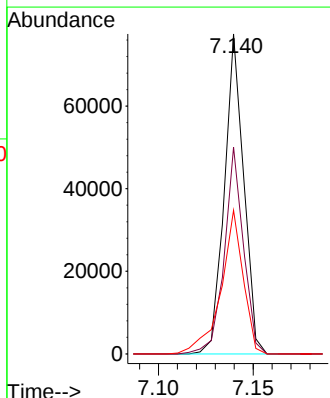
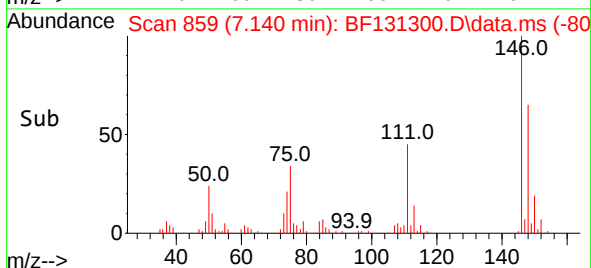
Reviewed By :Christian Giraldo 11/21/2022
Supervised By :Jagrut Upadhyay 11/21/2022

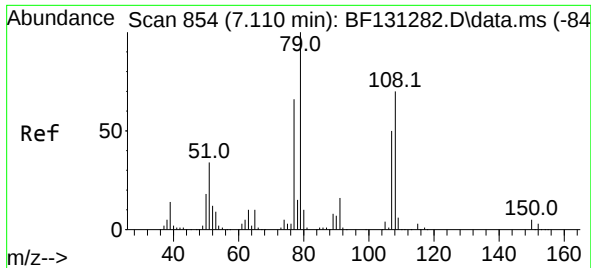


#14
1,2-Dichlorobenzene
Concen: 9.245 ng
RT: 7.140 min Scan# 859
Delta R.T. -0.006 min
Lab File: BF131300.D
Acq: 18 Nov 2022 16:29



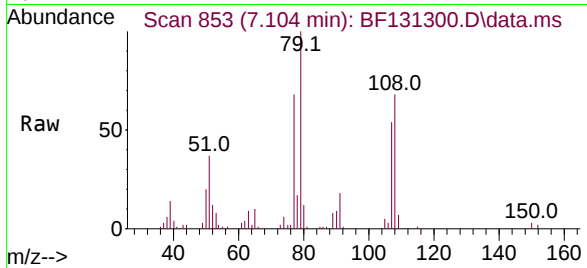
Tgt Ion:146 Resp: 55032
Ion Ratio Lower Upper
146 100
148 64.6 50.6 75.8
111 44.9 36.4 54.6





#15
Benzyl Alcohol
Concen: 7.693 ng m
RT: 7.104 min Scan# 81
Delta R.T. -0.006 min
Lab File: BF131300.D
Acq: 18 Nov 2022 16:29

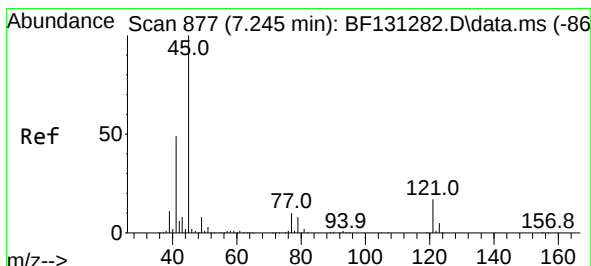
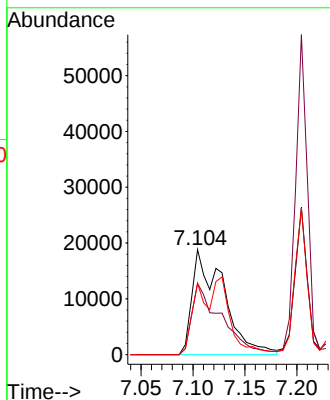
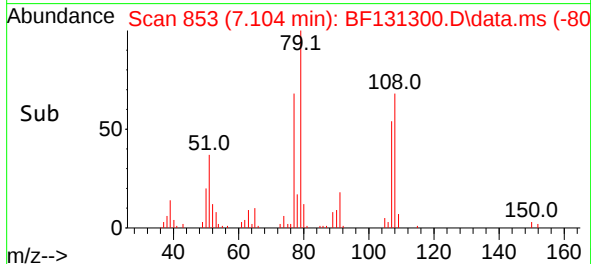
Instrument :
BNA_F
ClientSampleId :
LOQ-WATER-02-QT4-2022



Tgt Ion: 79 Resp: 39675
Ion Ratio Lower Upper
79 100
108 67.7 56.3 84.5
77 67.8 52.5 78.7

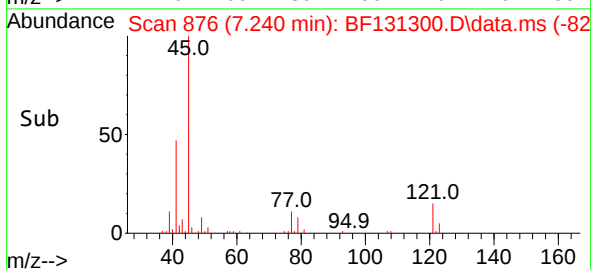
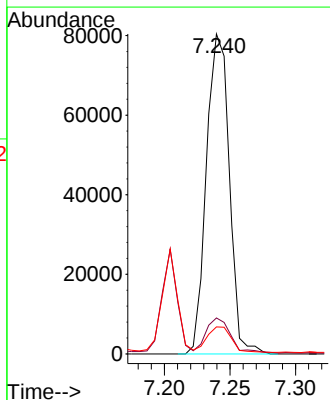
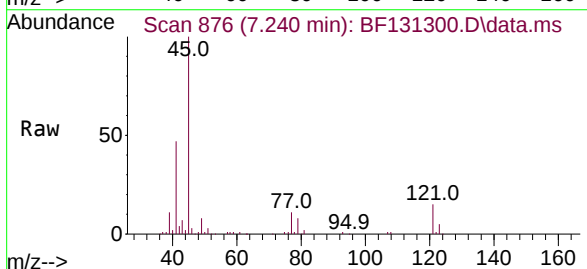
Manual Integrations
APPROVED

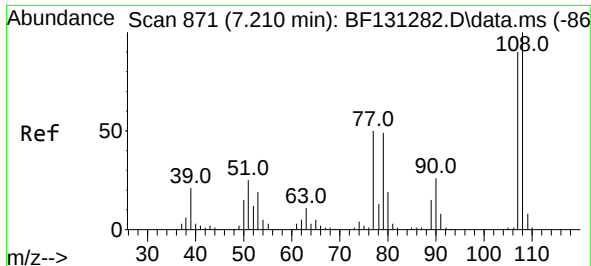
Reviewed By :Christian Giraldo 11/21/2022
Supervised By :Jagrut Upadhyay 11/21/2022



#16
2,2'-oxybis(1-Chloropropane)
Concen: 9.579 ng
RT: 7.240 min Scan# 876
Delta R.T. -0.006 min
Lab File: BF131300.D
Acq: 18 Nov 2022 16:29

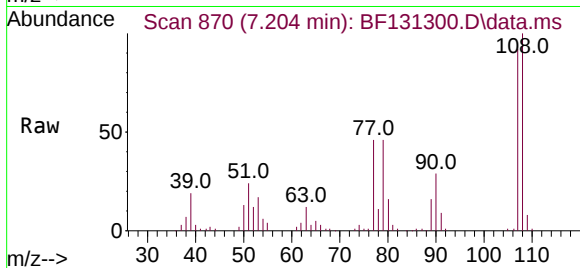
Tgt Ion: 45 Resp: 97830
Ion Ratio Lower Upper
45 100
77 11.2 0.0 30.8
79 8.4 0.0 28.4





#17
2-Methylphenol
Concen: 9.128 ng
RT: 7.204 min Scan# 871
Delta R.T. -0.006 min
Lab File: BF131300.D
Acq: 18 Nov 2022 16:29

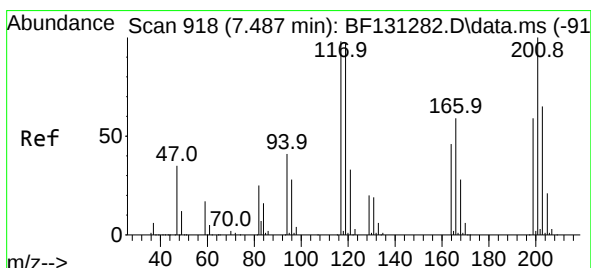
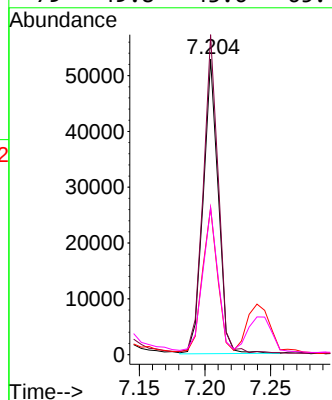
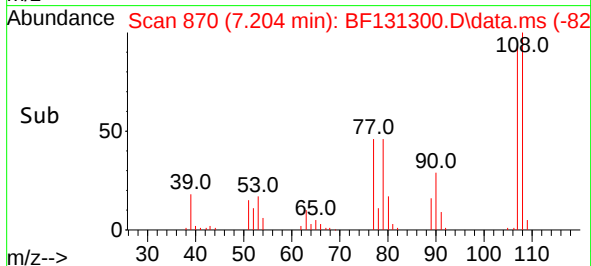
Instrument : BNA_F
ClientSampleId :
LOQ-WATER-02-QT4-2022



Tgt Ion:107 Resp: 42187
Ion Ratio Lower Upper
107 100
108 108.2 89.2 133.8
77 49.6 45.0 67.4
79 49.8 43.6 65.4

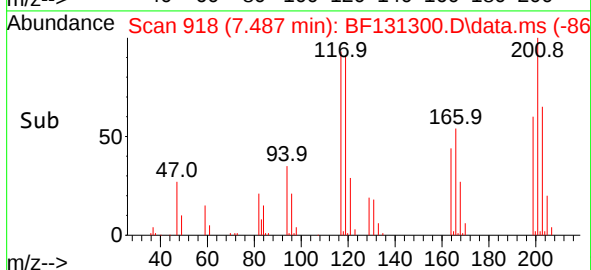
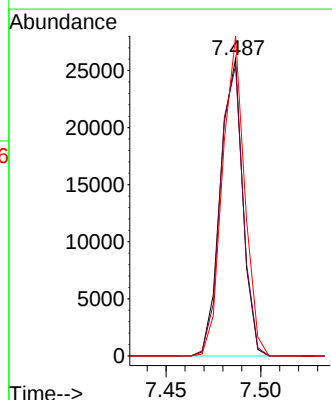
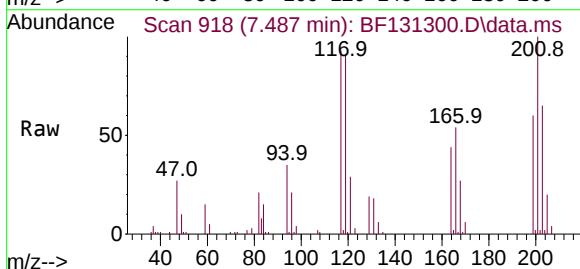
Manual Integrations
APPROVED

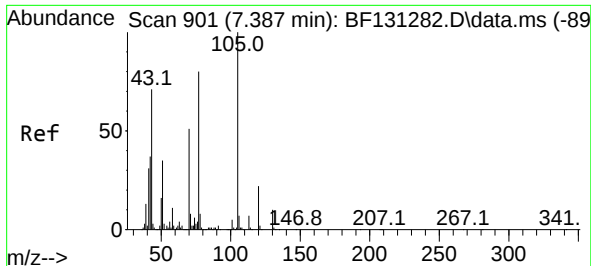
Reviewed By :Christian Giraldo 11/21/2022
Supervised By :Jagrut Upadhyay 11/21/2022



#18
Hexachloroethane
Concen: 9.400 ng
RT: 7.487 min Scan# 918
Delta R.T. 0.000 min
Lab File: BF131300.D
Acq: 18 Nov 2022 16:29

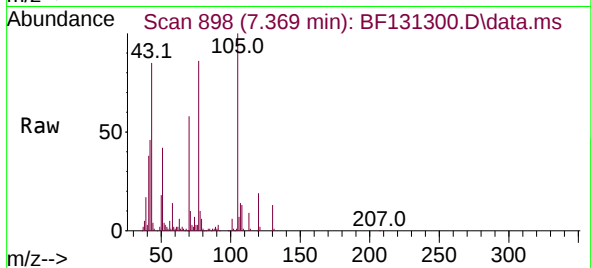
Tgt Ion:117 Resp: 21374
Ion Ratio Lower Upper
117 100
119 97.7 79.0 118.4
201 107.6 81.7 122.5





#19
n-Nitroso-di-n-propylamine
Concen: 9.183 ng
RT: 7.369 min Scan# 89
Delta R.T. -0.018 min
Lab File: BF131300.D
Acq: 18 Nov 2022 16:29

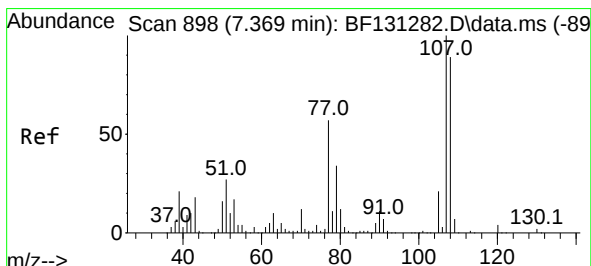
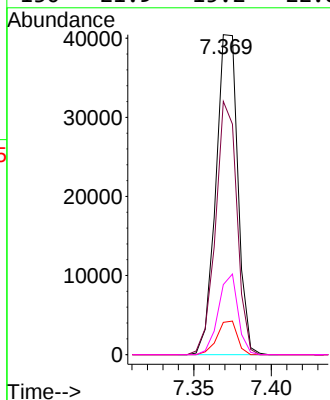
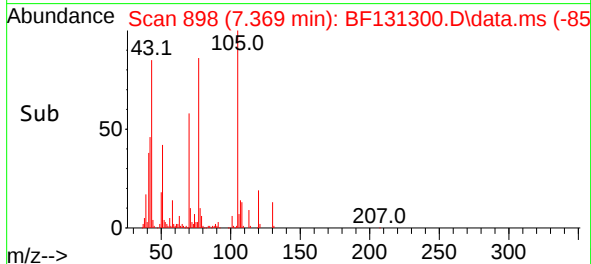
Instrument :
BNA_F
ClientSampleId :
LOQ-WATER-02-QT4-2022



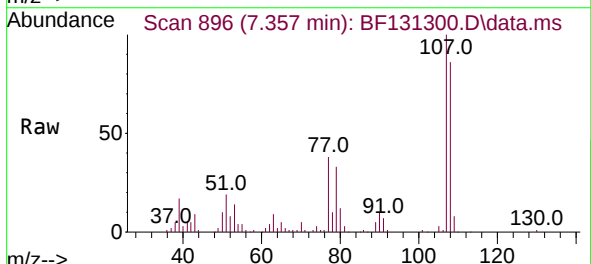
Tgt Ion: 70 Resp: 39989
Ion Ratio Lower Upper
70 100
42 79.1 58.9 88.3
101 10.1 7.2 10.8
130 21.9 15.2 22.8

Manual Integrations
APPROVED

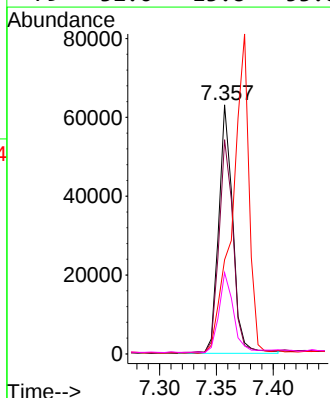
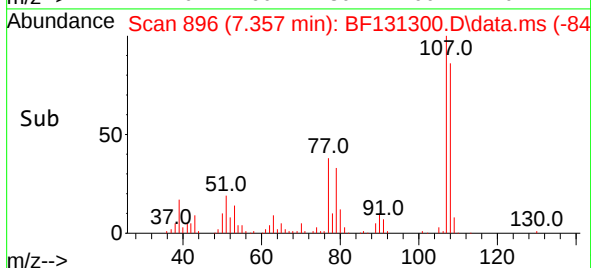
Reviewed By :Christian Giraldo 11/21/2022
Supervised By :Jagrut Upadhyay 11/21/2022

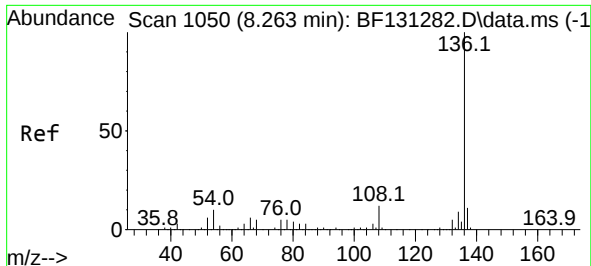


#20
3+4-Methylphenols
Concen: 9.146 ng
RT: 7.357 min Scan# 896
Delta R.T. -0.012 min
Lab File: BF131300.D
Acq: 18 Nov 2022 16:29



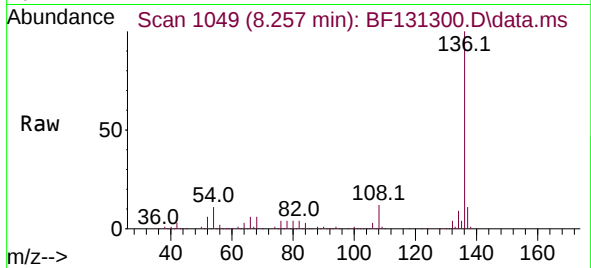
Tgt Ion:107 Resp: 53988
Ion Ratio Lower Upper
107 100
108 86.0 69.0 109.0
77 37.8 36.9 76.9
79 32.6 13.8 53.8





#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.257 min Scan# 1049
Delta R.T. -0.006 min
Lab File: BF131300.D
Acq: 18 Nov 2022 16:29

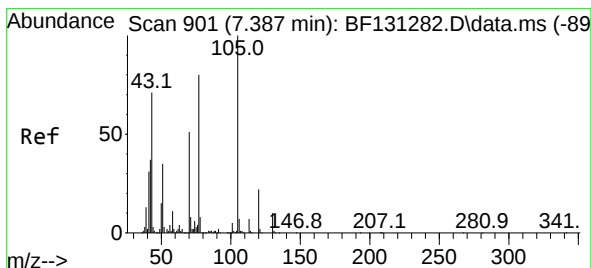
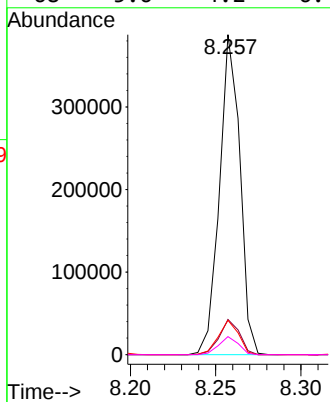
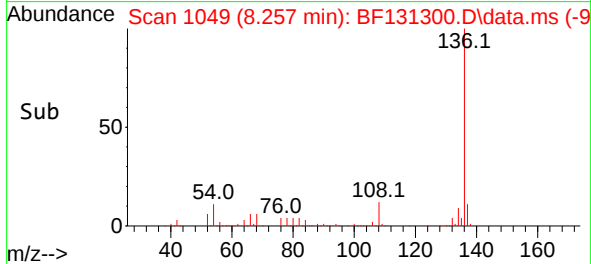
Instrument :
BNA_F
ClientSampleId :
LOQ-WATER-02-QT4-2022



Tgt Ion:136 Resp: 322714
Ion Ratio Lower Upper
136 100
137 11.0 8.6 12.8
54 10.7 8.2 12.2
68 5.6 4.2 6.4

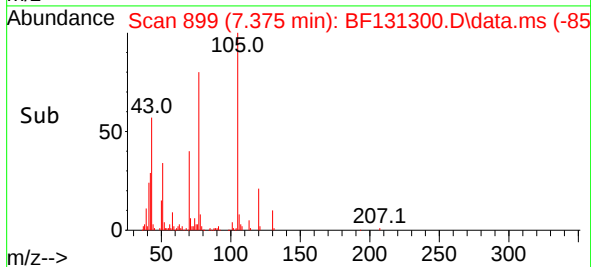
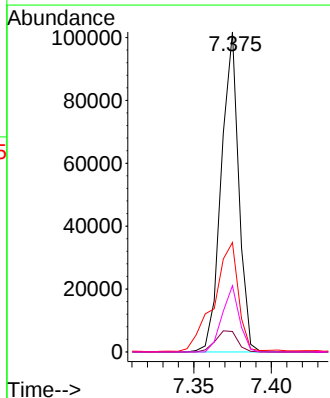
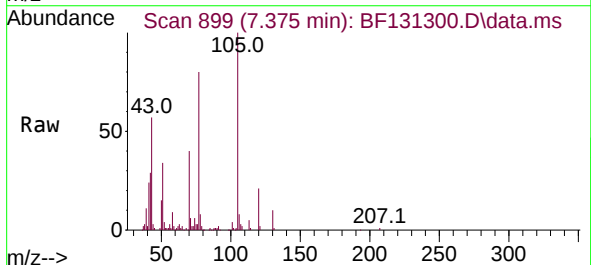
Manual Integrations
APPROVED

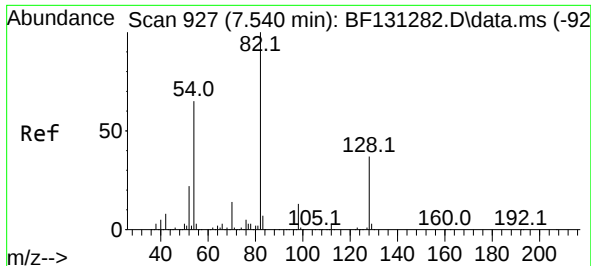
Reviewed By :Christian Giraldo 11/21/2022
Supervised By :Jagrut Upadhyay 11/21/2022



#22
Acetophenone
Concen: 9.341 ng
RT: 7.375 min Scan# 899
Delta R.T. -0.012 min
Lab File: BF131300.D
Acq: 18 Nov 2022 16:29

Tgt Ion:105 Resp: 79652
Ion Ratio Lower Upper
105 100
71 6.4 6.4 9.6#
51 34.2 28.0 42.0
120 20.7 17.7 26.5





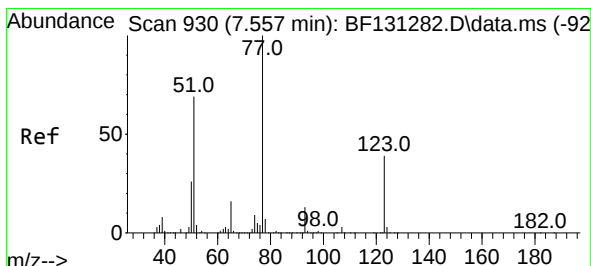
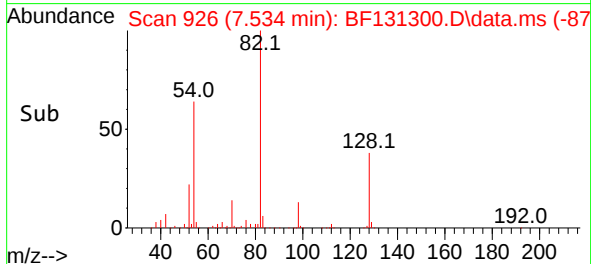
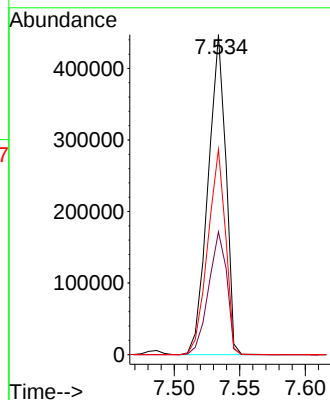
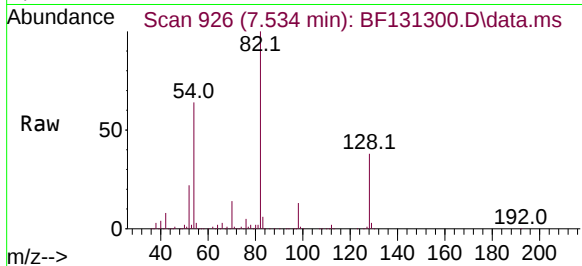
#23
Nitrobenzene-d5
Concen: 69.752 ng
RT: 7.534 min Scan# 91
Delta R.T. -0.006 min
Lab File: BF131300.D
Acq: 18 Nov 2022 16:29

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

Tgt Ion: 82 Resp: 421399
Ion Ratio Lower Upper
82 100
128 38.4 29.2 43.8
54 64.2 52.2 78.4

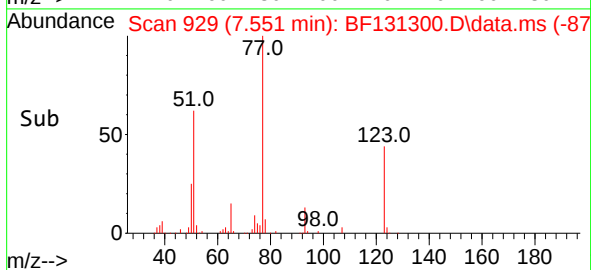
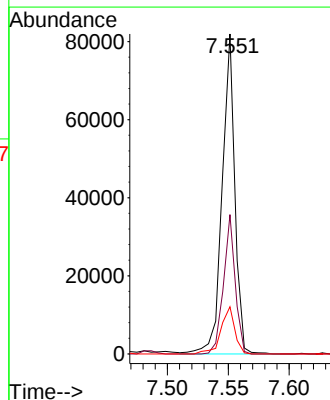
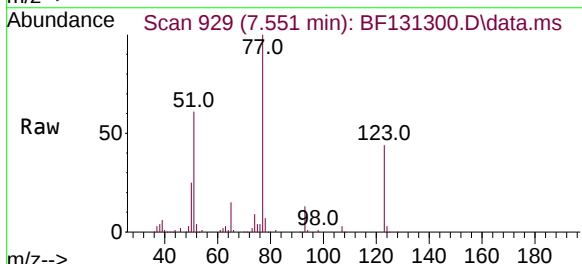
Manual Integrations
APPROVED

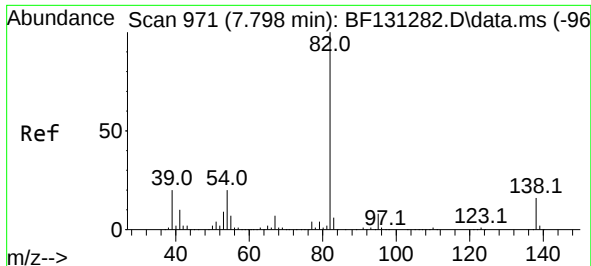
Reviewed By :Christian Giraldo 11/21/2022
Supervised By :Jagrut Upadhyay 11/21/2022



#24
Nitrobenzene
Concen: 9.721 ng
RT: 7.551 min Scan# 929
Delta R.T. -0.006 min
Lab File: BF131300.D
Acq: 18 Nov 2022 16:29

Tgt Ion: 77 Resp: 59443
Ion Ratio Lower Upper
77 100
123 43.5 31.0 46.6
65 14.7 12.6 19.0





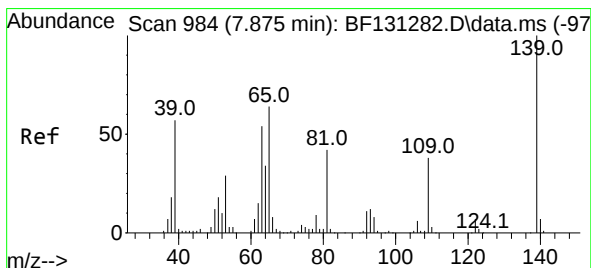
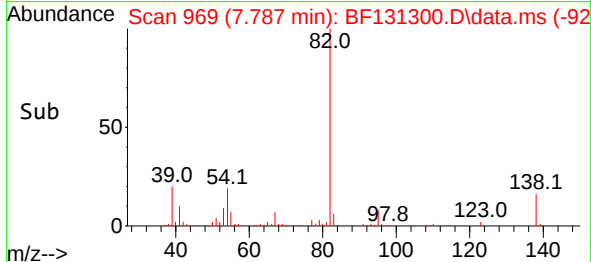
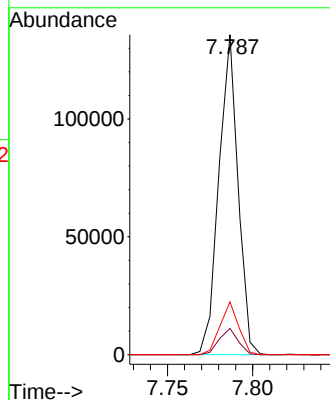
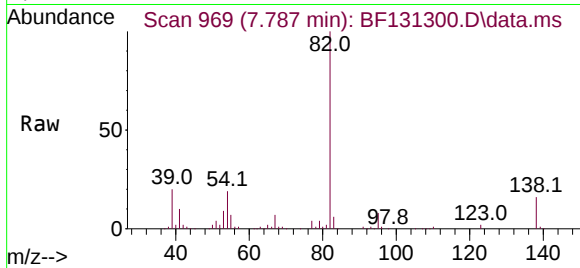
#25
Isophorone
Concen: 9.190 ng
RT: 7.787 min Scan# 90
Delta R.T. -0.011 min
Lab File: BF131300.D
Acq: 18 Nov 2022 16:29

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

Tgt Ion: 82 Resp: 10600
Ion Ratio Lower Upper
82 100
95 8.2 6.6 9.8
138 16.5 13.0 19.6

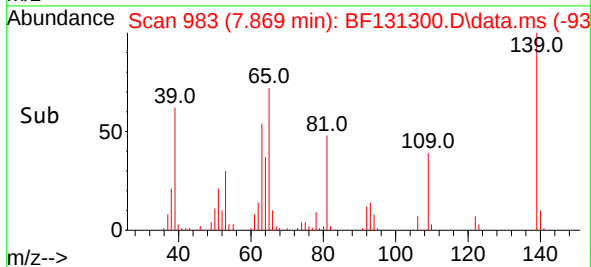
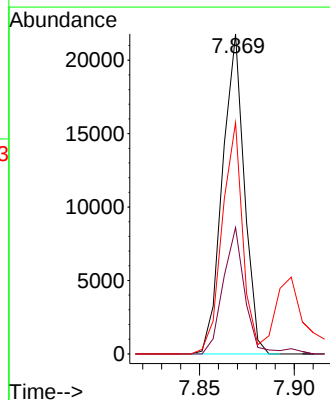
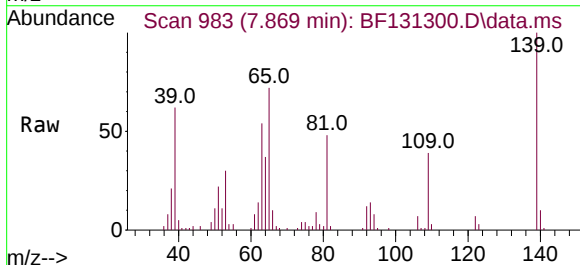
Manual Integrations
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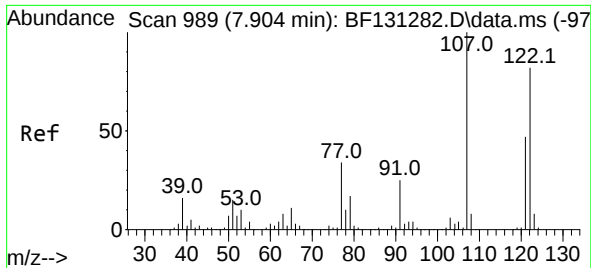
Reviewed By :Christian Giraldo 11/21/2022
Supervised By :Jagrut Upadhyay 11/21/2022



#26
2-Nitrophenol
Concen: 9.012 ng
RT: 7.869 min Scan# 983
Delta R.T. -0.006 min
Lab File: BF131300.D
Acq: 18 Nov 2022 16:29

Tgt Ion:139 Resp: 17453
Ion Ratio Lower Upper
139 100
109 39.5 30.4 45.6
65 72.3 51.5 77.3





#27

2,4-Dimethylphenol

Concen: 10.507 ng

RT: 7.898 min Scan# 98

Delta R.T. -0.006 min

Lab File: BF131300.D

Acq: 18 Nov 2022 16:29

Instrument :

BNA_F

ClientSampleId :

LOQ-WATER-02-QT4-2022

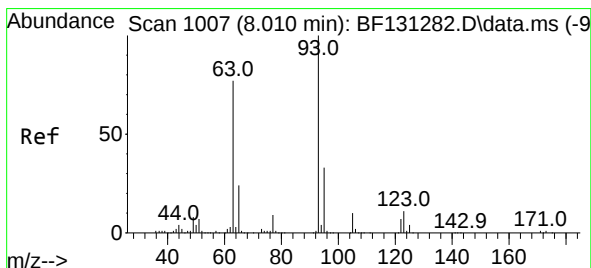
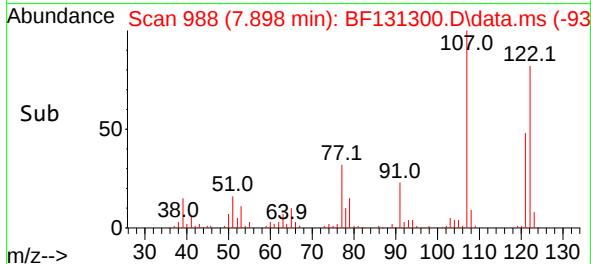
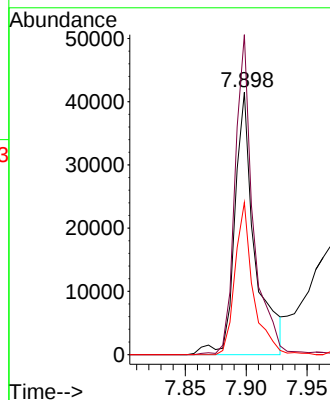
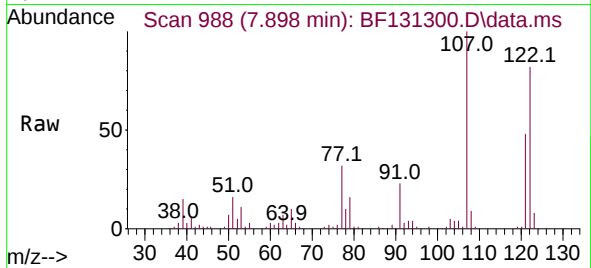
Tgt Ion:122 Resp: 47646
 Ion Ratio Lower Upper
 122 100
 107 122.0 98.2 147.2
 121 58.0 46.3 69.5

Manual Integrations

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Reviewed By :Christian Giraldo 11/21/2022

Supervised By :Jagrut Upadhyay 11/21/2022



#28

bis(2-Chloroethoxy)methane

Concen: 9.959 ng

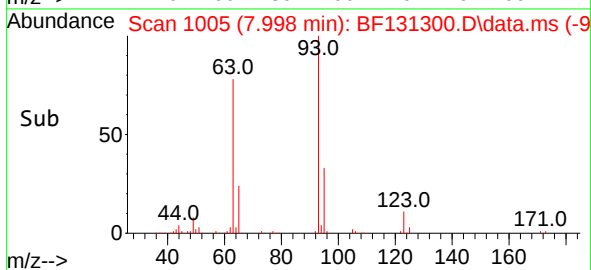
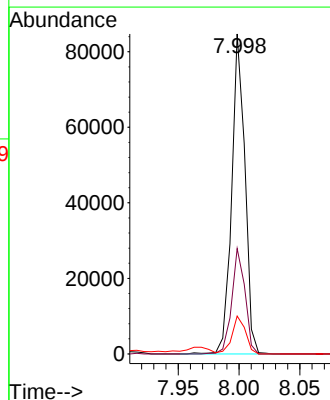
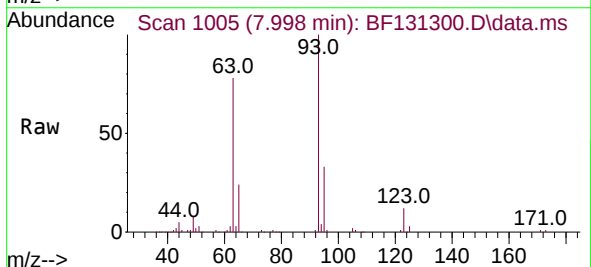
RT: 7.998 min Scan# 1005

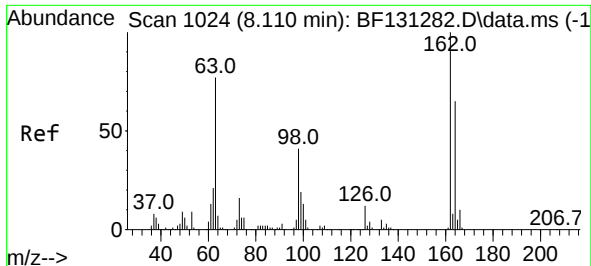
Delta R.T. -0.012 min

Lab File: BF131300.D

Acq: 18 Nov 2022 16:29

Tgt Ion: 93 Resp: 64163
 Ion Ratio Lower Upper
 93 100
 95 32.9 26.4 39.6
 123 11.8 9.3 13.9





#29

2,4-Dichlorophenol

Concen: 8.939 ng

RT: 8.104 min Scan# 1023

Delta R.T. -0.006 min

Lab File: BF131300.D

Acq: 18 Nov 2022 16:29

Instrument :

BNA_F

ClientSampleId :

LOQ-WATER-02-QT4-2022

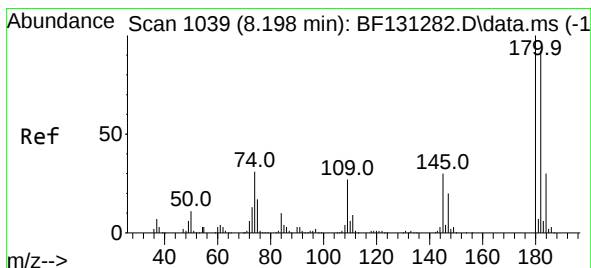
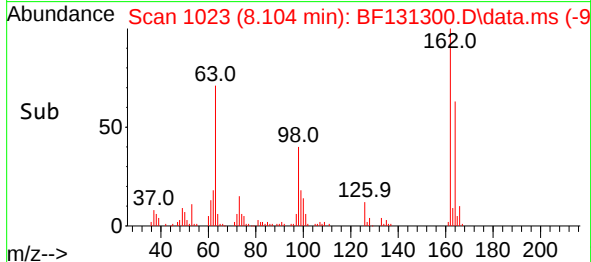
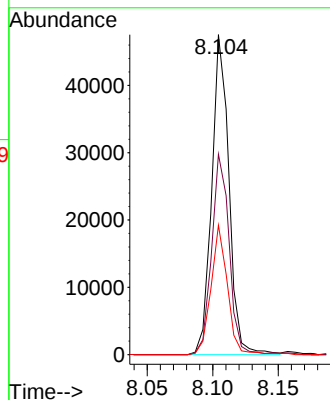
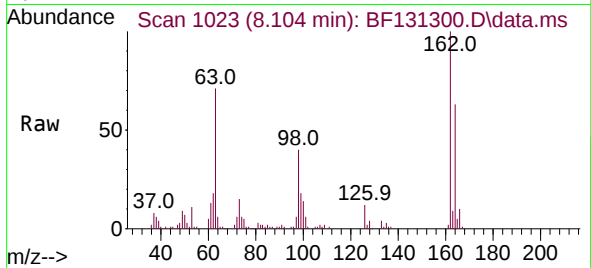
Tgt Ion:162 Resp: 43409
 Ion Ratio Lower Upper
 162 100
 164 62.6 44.7 84.7
 98 40.4 21.5 61.5

Manual Integrations

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Reviewed By :Christian Giraldo 11/21/2022

Supervised By :Jagrut Upadhyay 11/21/2022



#30

1,2,4-Trichlorobenzene

Concen: 8.562 ng

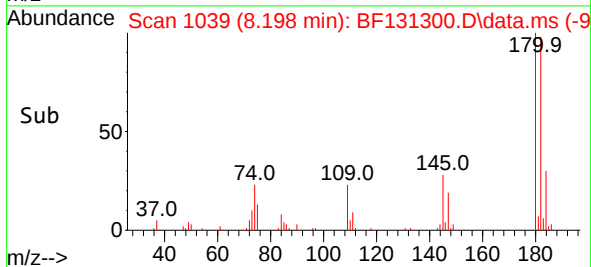
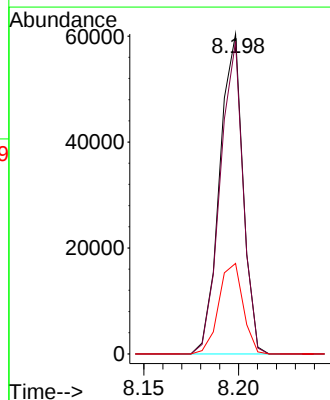
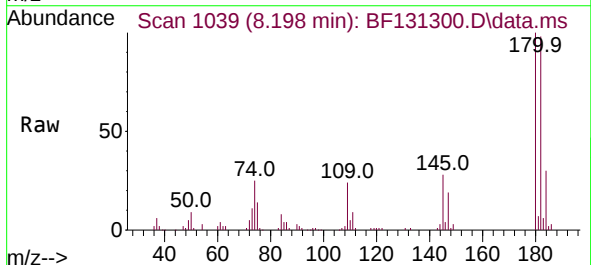
RT: 8.198 min Scan# 1039

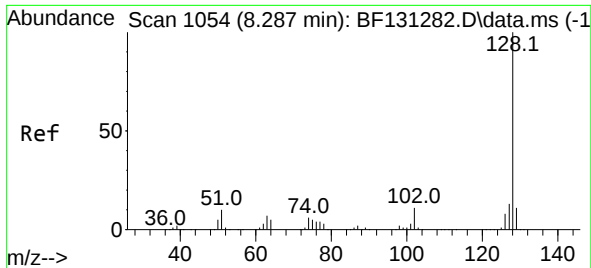
Delta R.T. 0.000 min

Lab File: BF131300.D

Acq: 18 Nov 2022 16:29

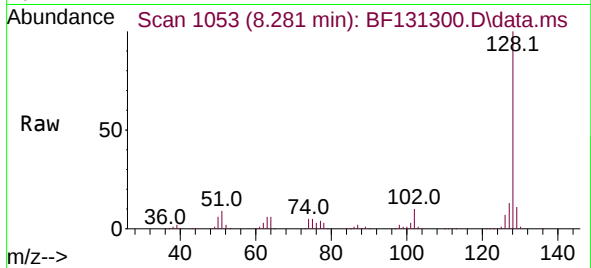
Tgt Ion:180 Resp: 51624
 Ion Ratio Lower Upper
 180 100
 182 97.6 74.0 111.0
 145 28.3 23.8 35.6





#31
Naphthalene
Concen: 8.682 ng
RT: 8.281 min Scan# 1053
Delta R.T. -0.006 min
Lab File: BF131300.D
Acq: 18 Nov 2022 16:29

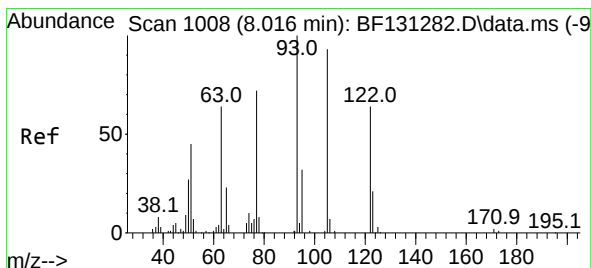
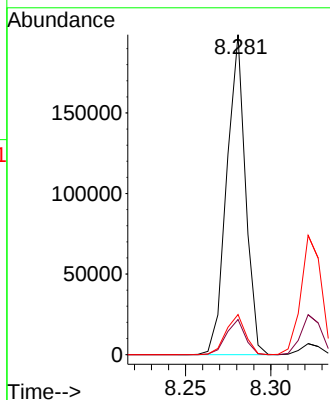
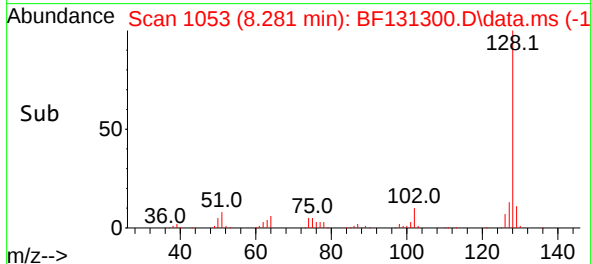
Instrument :
BNA_F
ClientSampleId :
LOQ-WATER-02-QT4-2022



Tgt Ion:128 Resp: 151935
Ion Ratio Lower Upper
128 100
129 11.0 8.6 13.0
127 12.5 10.6 16.0

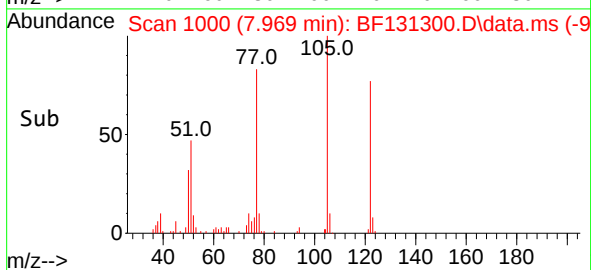
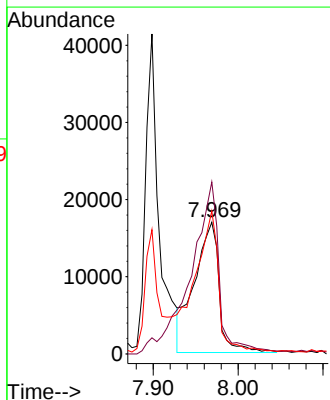
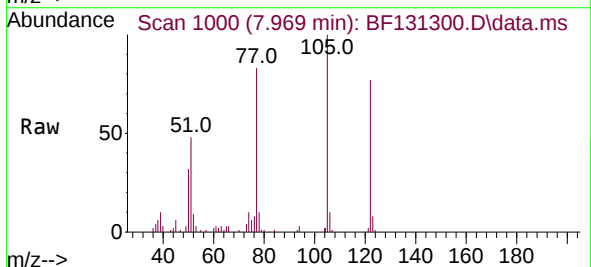
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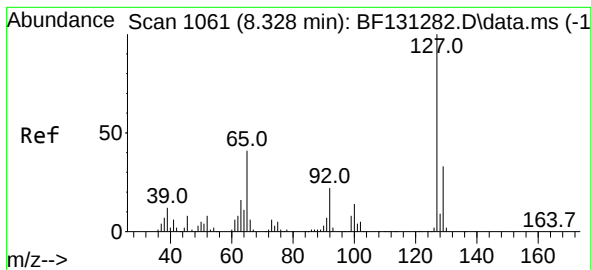
Reviewed By :Christian Giraldo 11/21/2022
Supervised By :Jagrut Upadhyay 11/21/2022



#32
Benzoic acid
Concen: 12.807 ng m
RT: 7.969 min Scan# 1000
Delta R.T. -0.047 min
Lab File: BF131300.D
Acq: 18 Nov 2022 16:29

Tgt Ion:122 Resp: 34743
Ion Ratio Lower Upper
122 100
105 130.7 121.4 161.4
77 108.7 91.2 131.2





#33

4-Chloroaniline

Concen: 9.228 ng

RT: 8.322 min Scan# 1061

Delta R.T. -0.006 min

Lab File: BF131300.D

Acq: 18 Nov 2022 16:29

Instrument :

BNA_F

ClientSampleId :

LOQ-WATER-02-QT4-2022

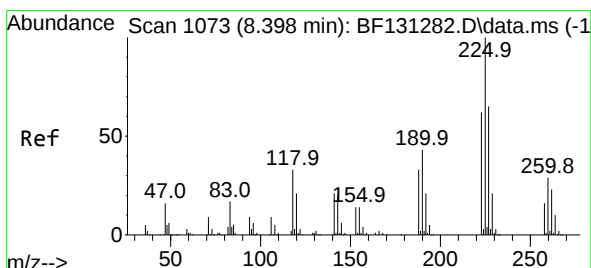
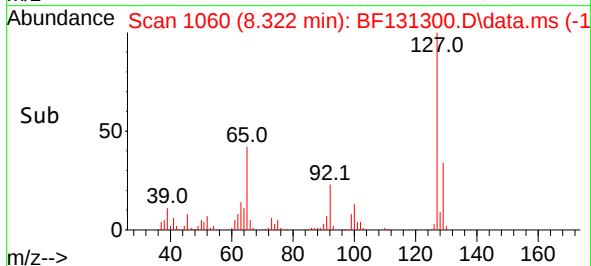
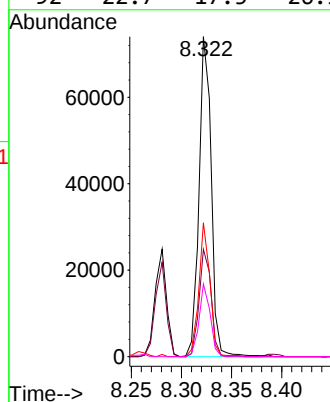
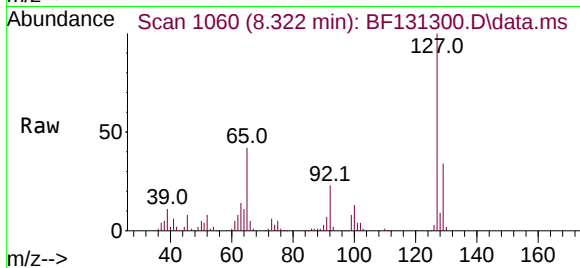
Tgt Ion:127	Resp: 62730
Ion Ratio	Lower Upper
127 100	
129 33.5	26.6 40.0
65 41.8	33.2 49.8
92 22.7	17.5 26.3

Manual Integrations

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Reviewed By :Christian Giraldo 11/21/2022

Supervised By :Jagrut Upadhyay 11/21/2022



#34

Hexachlorobutadiene

Concen: 8.754 ng

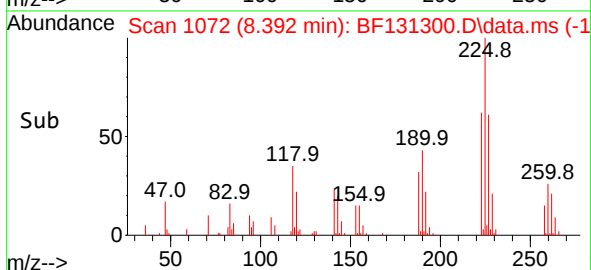
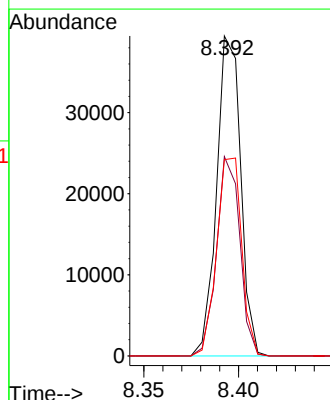
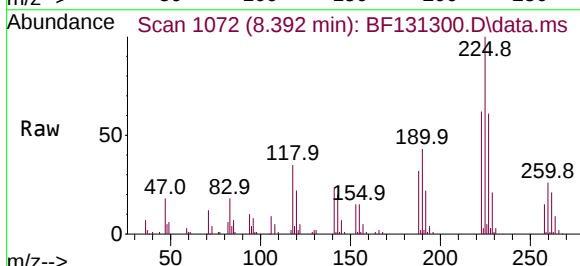
RT: 8.392 min Scan# 1072

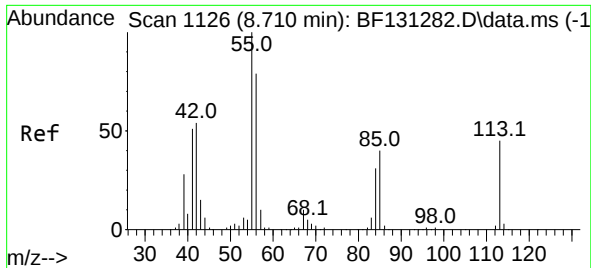
Delta R.T. -0.006 min

Lab File: BF131300.D

Acq: 18 Nov 2022 16:29

Tgt Ion:225	Resp: 34878
Ion Ratio	Lower Upper
225 100	
223 62.3	49.4 74.2
227 61.3	51.7 77.5





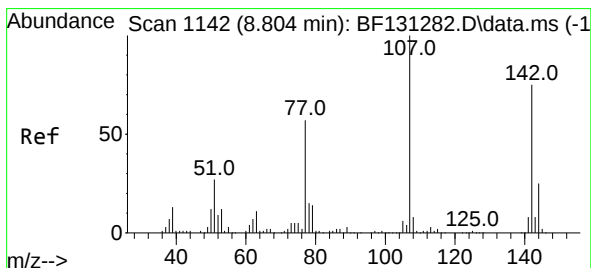
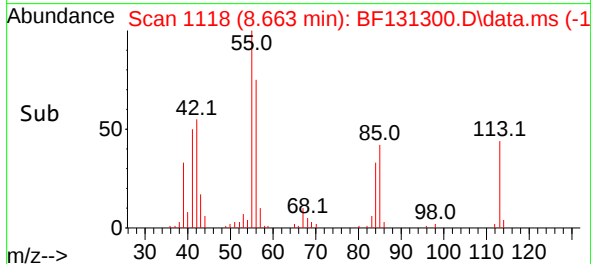
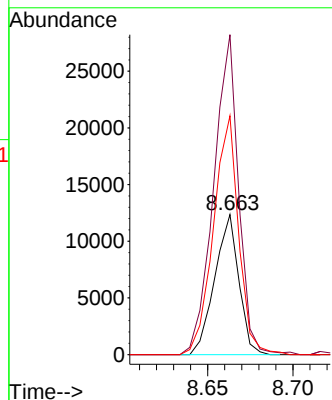
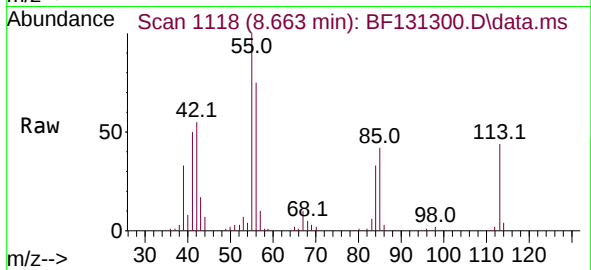
#35
Caprolactam
Concen: 8.958 ng
RT: 8.663 min Scan# 1118
Delta R.T. -0.047 min
Lab File: BF131300.D
Acq: 18 Nov 2022 16:29

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

Tgt Ion:113 Resp: 12113
Ion Ratio Lower Upper
113 100
55 228.3 200.6 240.6
56 170.4 154.5 194.5

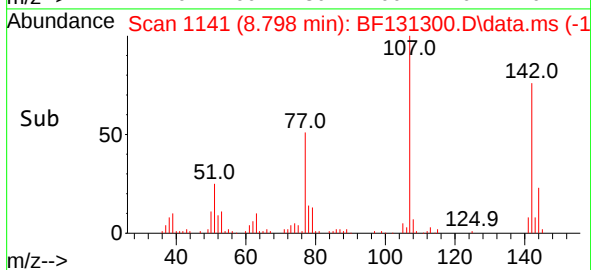
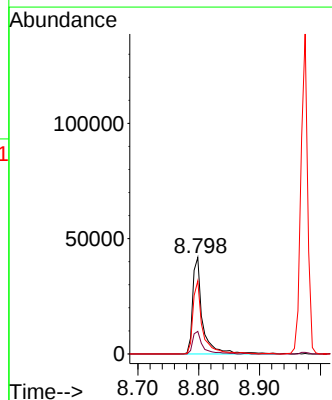
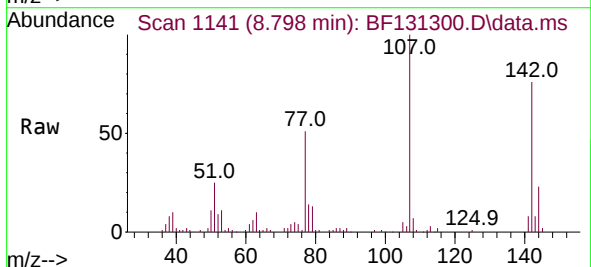
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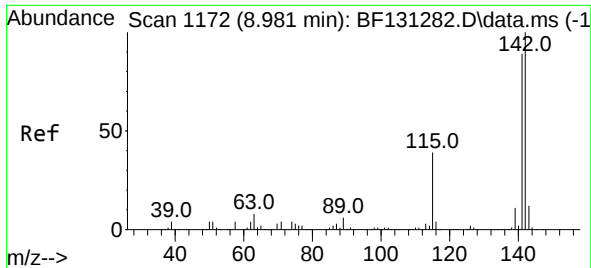
Reviewed By :Christian Giraldo 11/21/2022
Supervised By :Jagrut Upadhyay 11/21/2022



#36
4-Chloro-3-methylphenol
Concen: 8.956 ng
RT: 8.798 min Scan# 1141
Delta R.T. -0.006 min
Lab File: BF131300.D
Acq: 18 Nov 2022 16:29

Tgt Ion:107 Resp: 46880
Ion Ratio Lower Upper
107 100
144 23.4 19.6 29.4
142 75.7 60.1 90.1





#37

2-Methylnaphthalene

Concen: 9.032 ng

RT: 8.975 min Scan# 1171

Delta R.T. -0.006 min

Lab File: BF131300.D

Acq: 18 Nov 2022 16:29

Instrument :

BNA_F

ClientSampleId :

LOQ-WATER-02-QT4-2022

Tgt Ion:142 Resp: 106526

Ion Ratio Lower Upper

142 100

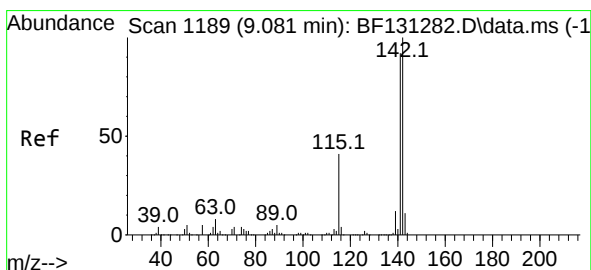
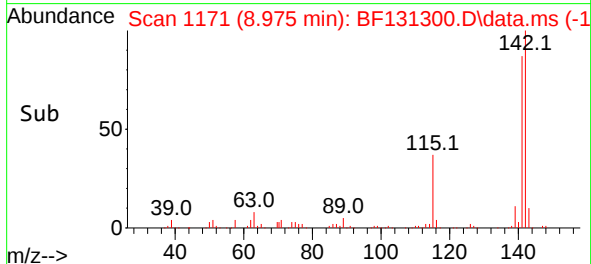
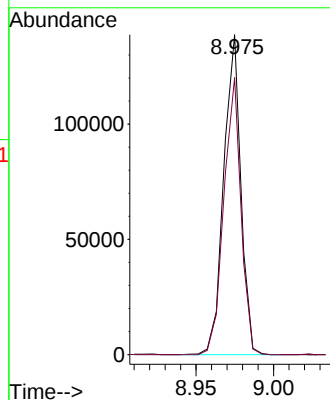
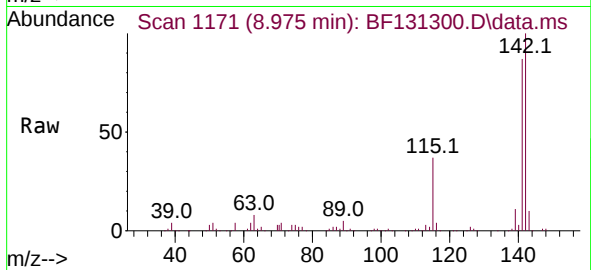
141 86.6 71.4 107.2

Manual Integrations

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Reviewed By :Christian Giraldo 11/21/2022

Supervised By :Jagrut Upadhyay 11/21/2022



#38

1-Methylnaphthalene

Concen: 8.643 ng

RT: 9.075 min Scan# 1188

Delta R.T. -0.006 min

Lab File: BF131300.D

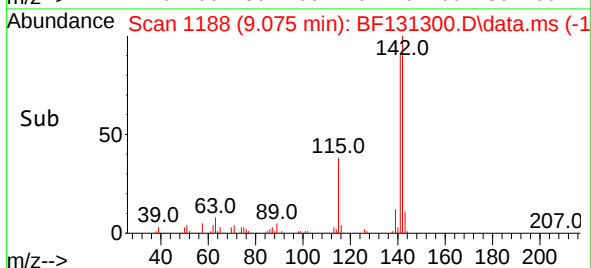
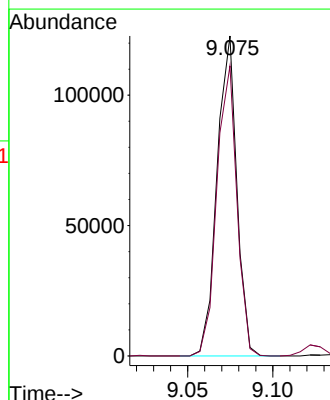
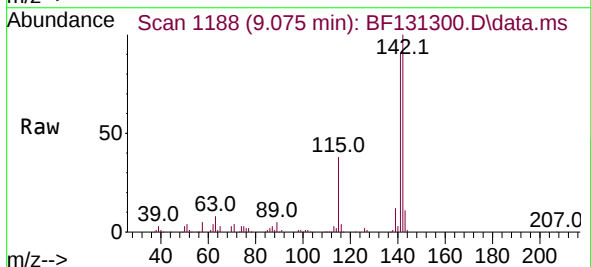
Acq: 18 Nov 2022 16:29

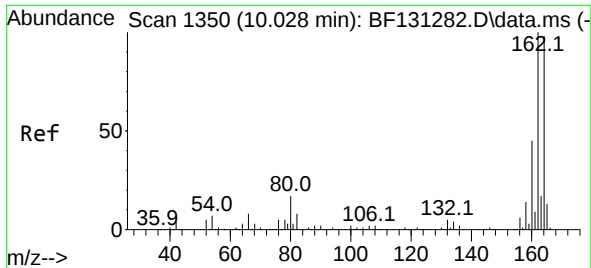
Tgt Ion:142 Resp: 98778

Ion Ratio Lower Upper

142 100

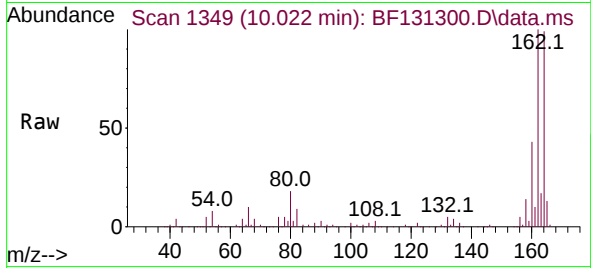
141 90.6 74.0 111.0





#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 10.022 min Scan# 1199
Delta R.T. -0.006 min
Lab File: BF131300.D
Acq: 18 Nov 2022 16:29

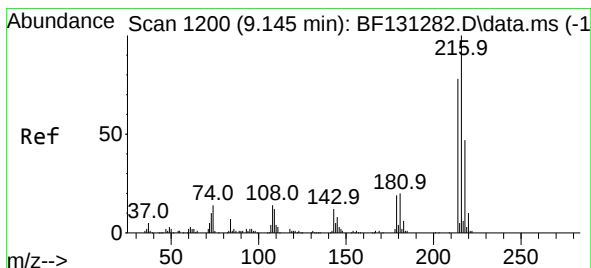
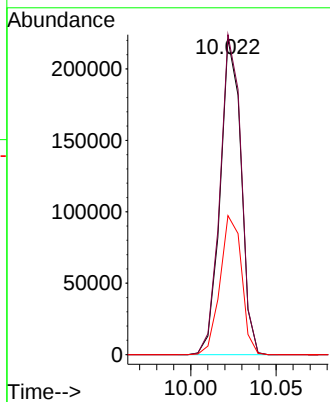
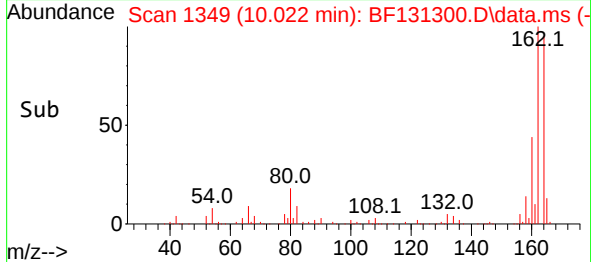
Instrument :
BNA_F
ClientSampleId :
LOQ-WATER-02-QT4-2022



Tgt Ion:164 Resp: 187649
Ion Ratio Lower Upper
164 100
162 101.4 81.8 122.6
160 44.0 36.6 54.8

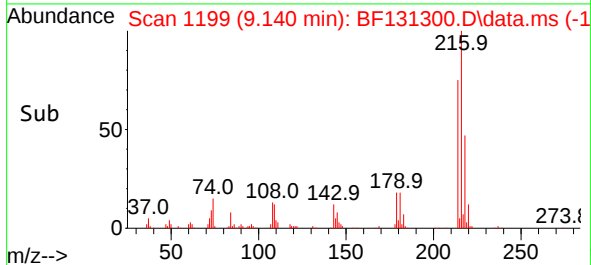
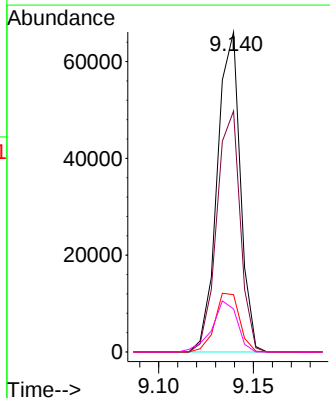
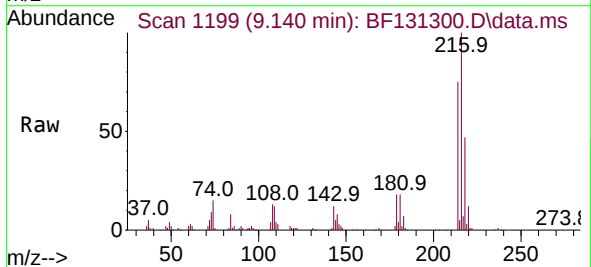
Manual Integrations
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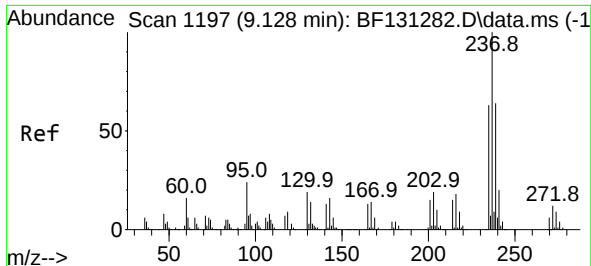
Reviewed By :Christian Giraldo 11/21/2022
Supervised By :Jagrut Upadhyay 11/21/2022



#40
1,2,4,5-Tetrachlorobenzene
Concen: 9.110 ng
RT: 9.140 min Scan# 1199
Delta R.T. -0.006 min
Lab File: BF131300.D
Acq: 18 Nov 2022 16:29

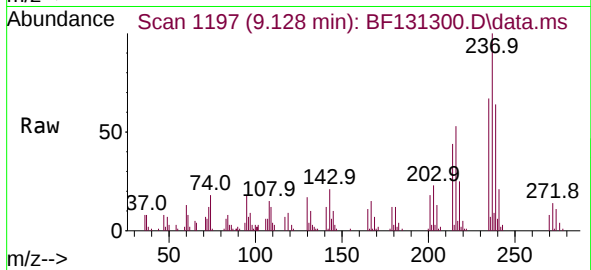
Tgt Ion:216 Resp: 55935
Ion Ratio Lower Upper
216 100
214 76.7 62.5 93.7
179 19.6 16.7 25.1
108 17.4 14.7 22.1





#41
Hexachlorocyclopentadiene
Concen: 9.666 ng
RT: 9.128 min Scan# 1197
Delta R.T. -0.000 min
Lab File: BF131300.D
Acq: 18 Nov 2022 16:29

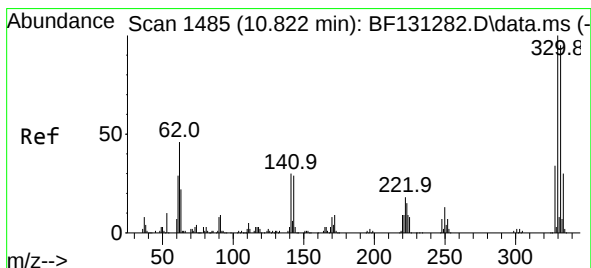
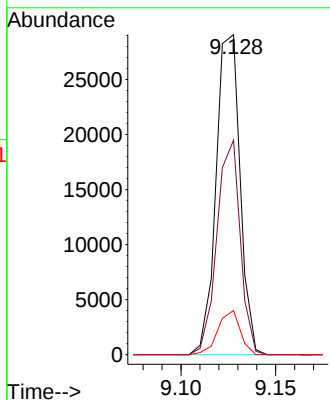
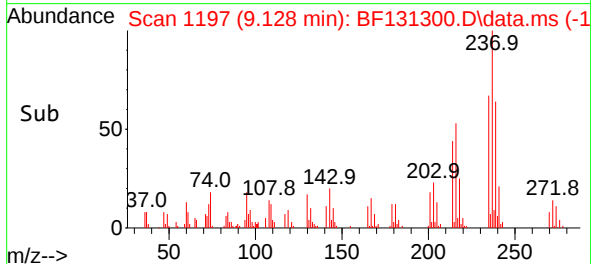
Instrument : BNA_F
ClientSampleId : LOQ-WATER-02-QT4-2022



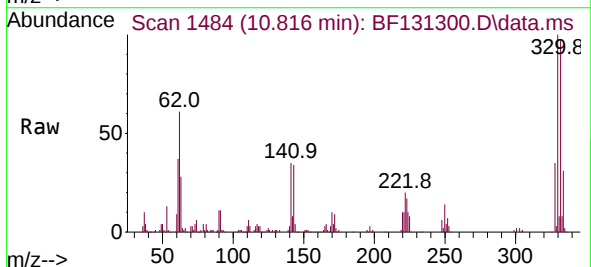
Tgt Ion: 237 Resp: 25673
Ion Ratio Lower Upper
237 100
235 67.0 42.7 82.7
272 13.8 0.0 31.6

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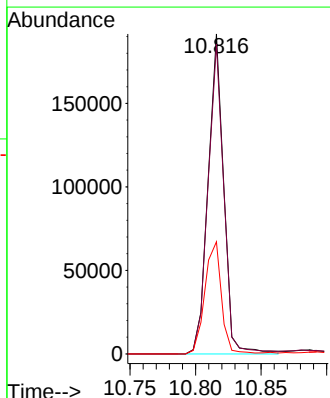
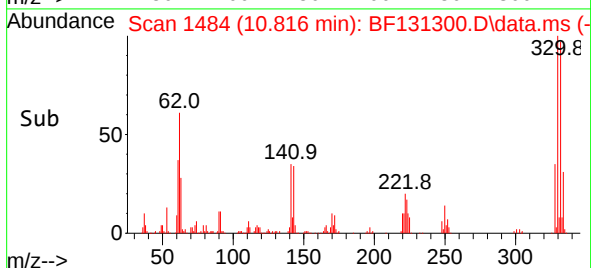
Reviewed By : Christian Giraldo 11/21/2022
Supervised By : Jagrut Upadhyay 11/21/2022

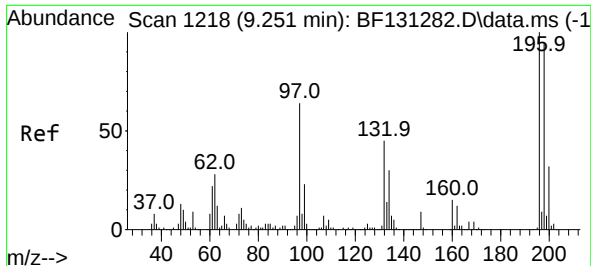


#42
2,4,6-Tribromophenol
Concen: 94.828 ng
RT: 10.816 min Scan# 1484
Delta R.T. -0.006 min
Lab File: BF131300.D
Acq: 18 Nov 2022 16:29



Tgt Ion: 330 Resp: 158405
Ion Ratio Lower Upper
330 100
332 97.7 75.4 113.0
141 37.3 30.0 45.0





#43

2,4,6-Trichlorophenol

Concen: 7.190 ng

RT: 9.245 min Scan# 1217

Delta R.T. -0.006 min

Lab File: BF131300.D

Acq: 18 Nov 2022 16:29

Instrument :

BNA_F

ClientSampleId :

LOQ-WATER-02-QT4-2022

Tgt Ion:196 Resp: 26248

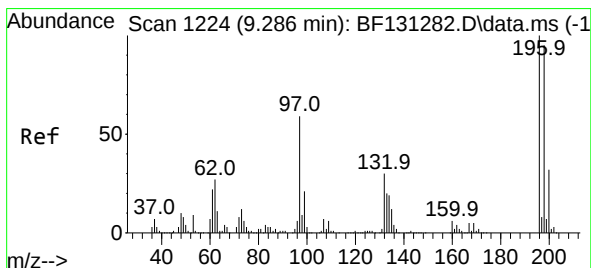
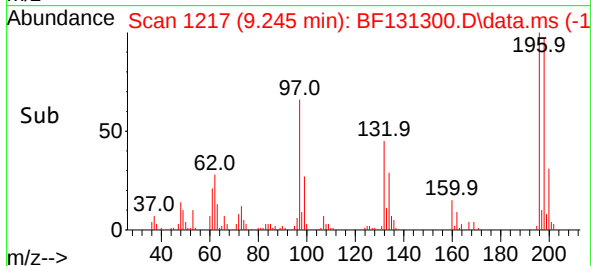
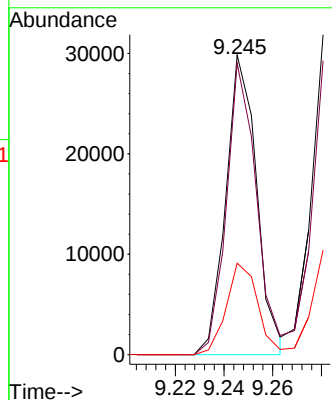
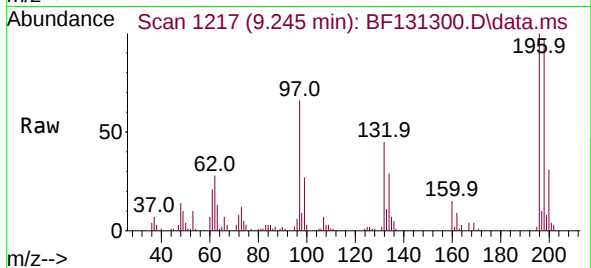
Ion	Ratio	Lower	Upper
196	100		
198	97.2	74.8	112.2
200	30.5	25.7	38.5

Manual Integrations

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Supervised By :Jagrut Upadhyay 11/21/2022



#44

2,4,5-Trichlorophenol

Concen: 8.701 ng

RT: 9.281 min Scan# 1223

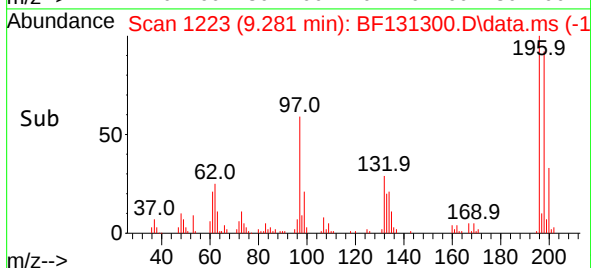
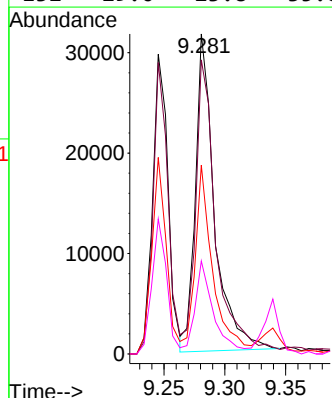
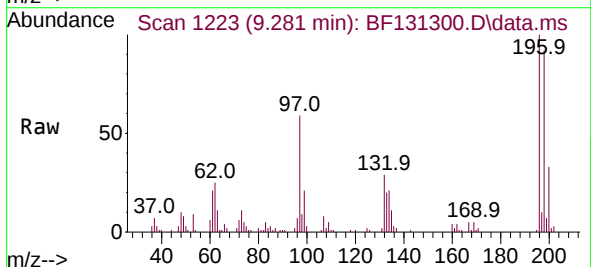
Delta R.T. -0.006 min

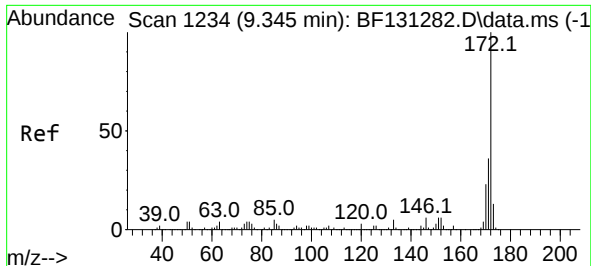
Lab File: BF131300.D

Acq: 18 Nov 2022 16:29

Tgt Ion:196 Resp: 34609

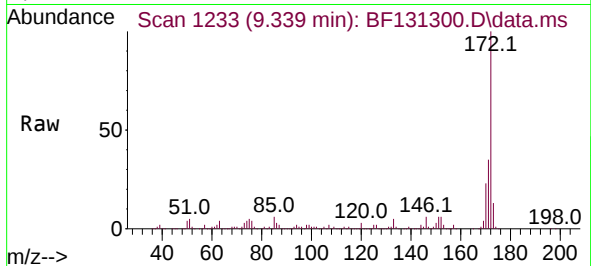
Ion	Ratio	Lower	Upper
196	100		
198	91.9	75.6	113.4
97	59.0	47.4	71.0
132	29.0	23.8	35.8





#45
2-Fluorobiphenyl
Concen: 64.237 ng
RT: 9.339 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF131300.D
Acq: 18 Nov 2022 16:29

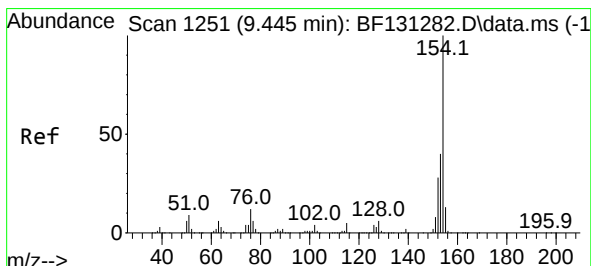
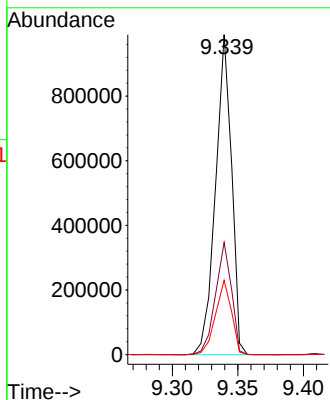
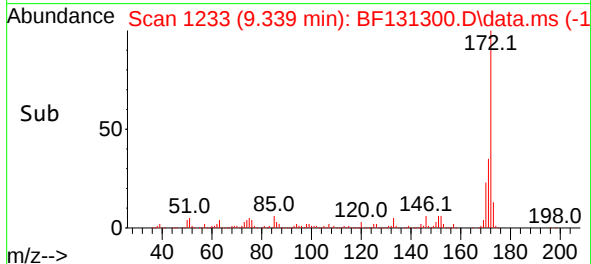
Instrument : BNA_F
ClientSampleId :
LOQ-WATER-02-QT4-2022



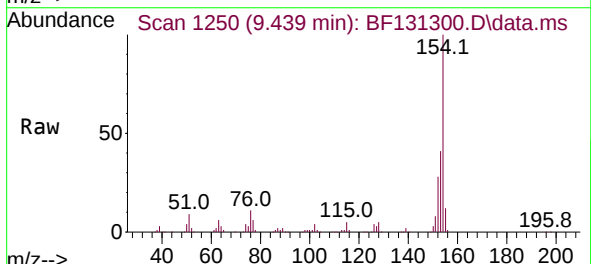
Tgt Ion:172 Resp: 843960
Ion Ratio Lower Upper
172 100
171 35.1 28.5 42.7
170 23.2 18.5 27.7

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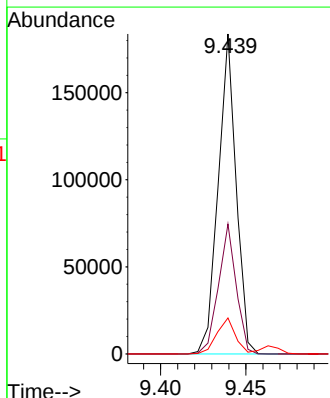
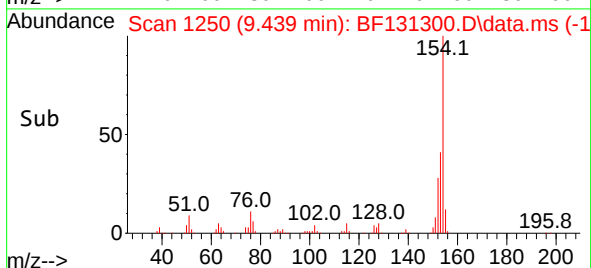
Reviewed By :Christian Giraldo 11/21/2022
Supervised By :Jagrut Upadhyay 11/21/2022

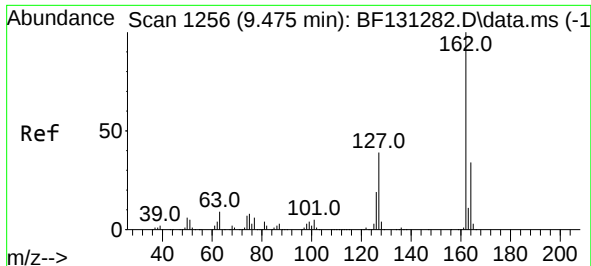


#46
1,1'-Biphenyl
Concen: 9.261 ng
RT: 9.439 min Scan# 1250
Delta R.T. -0.006 min
Lab File: BF131300.D
Acq: 18 Nov 2022 16:29



Tgt Ion:154 Resp: 134189
Ion Ratio Lower Upper
154 100
153 40.6 20.1 60.1
76 11.2 0.0 31.8





#47

2-Chloronaphthalene

Concen: 8.892 ng

RT: 9.463 min Scan# 1256

Delta R.T. -0.012 min

Lab File: BF131300.D

Acq: 18 Nov 2022 16:29

Instrument :

BNA_F

ClientSampleId :

LOQ-WATER-02-QT4-2022

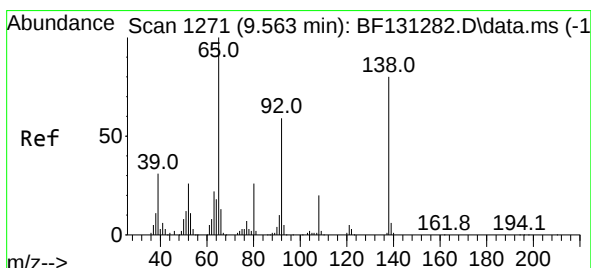
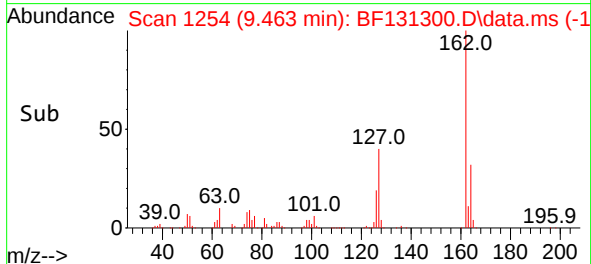
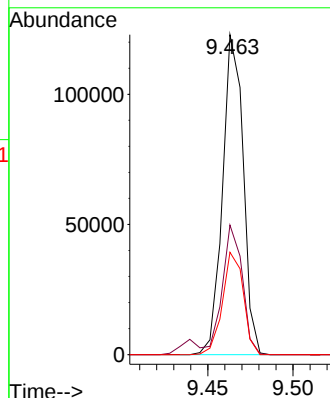
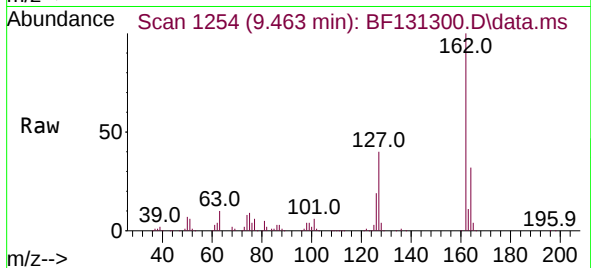
Tgt Ion:162	Resp: 10345
Ion Ratio	Lower Upper
162	100
127	40.5 31.1 46.7
164	32.0 26.9 40.3

Manual Integrations

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Reviewed By :Christian Giraldo 11/21/2022

Supervised By :Jagrut Upadhyay 11/21/2022



#48

2-Nitroaniline

Concen: 8.998 ng

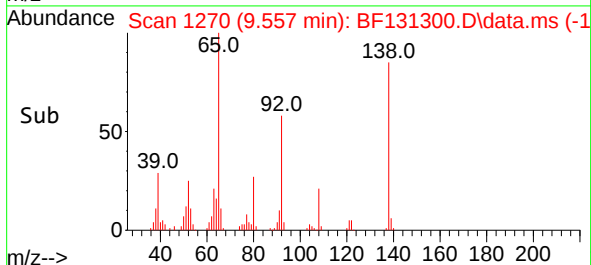
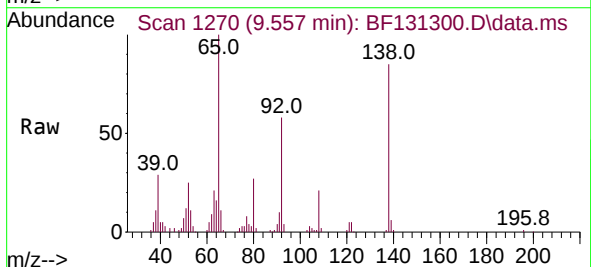
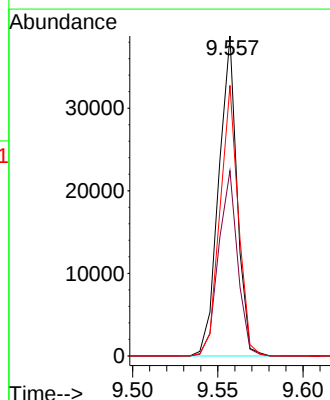
RT: 9.557 min Scan# 1270

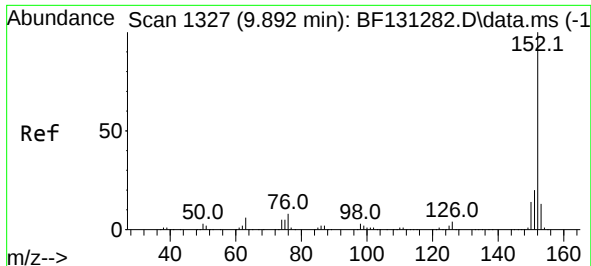
Delta R.T. -0.006 min

Lab File: BF131300.D

Acq: 18 Nov 2022 16:29

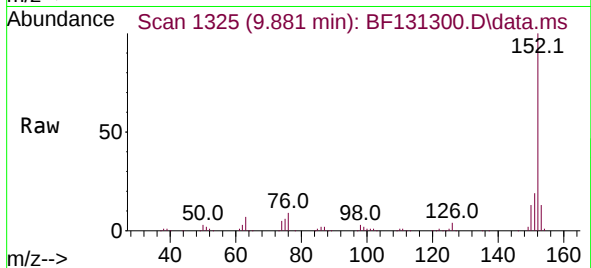
Tgt Ion: 65	Resp: 28936
Ion Ratio	Lower Upper
65	100
92	57.9 47.2 70.8
138	84.5 64.2 96.4





#49
Acenaphthylene
Concen: 8.990 ng
RT: 9.881 min Scan# 1325
Delta R.T. -0.011 min
Lab File: BF131300.D
Acq: 18 Nov 2022 16:29

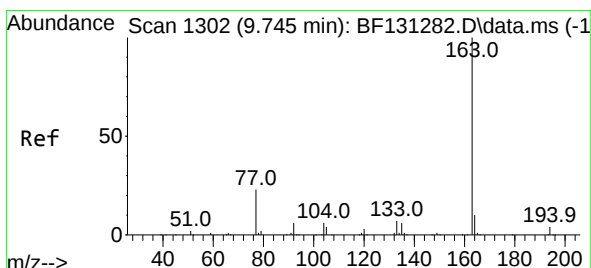
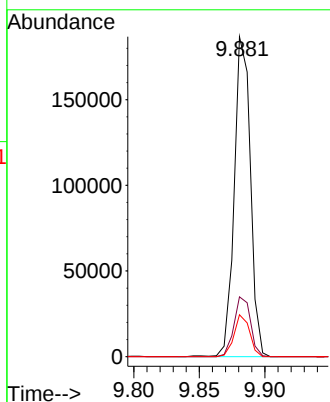
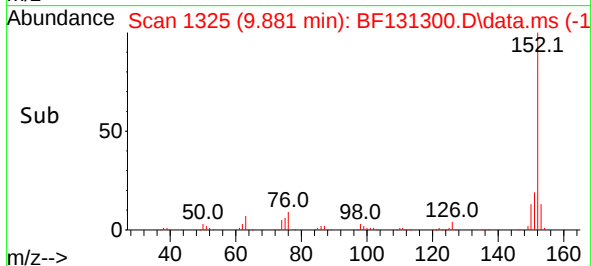
Instrument : BNA_F
ClientSampleId :
LOQ-WATER-02-QT4-2022



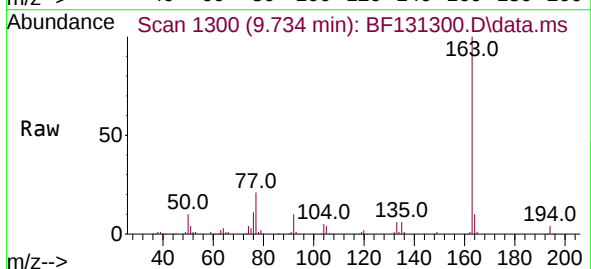
Tgt Ion:152 Resp: 159762
Ion Ratio Lower Upper
152 100
151 18.7 15.9 23.9
153 13.1 10.4 15.6

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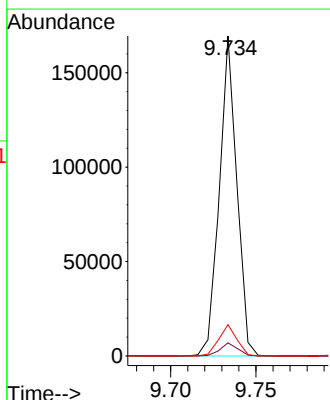
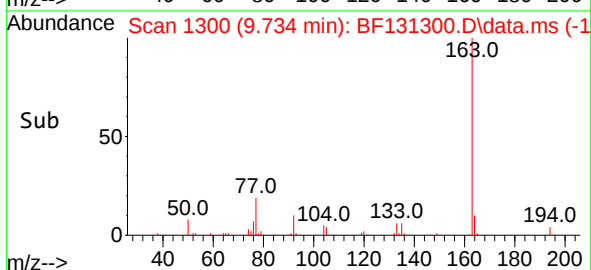
Reviewed By :Christian Giraldo 11/21/2022
Supervised By :Jagrut Upadhyay 11/21/2022

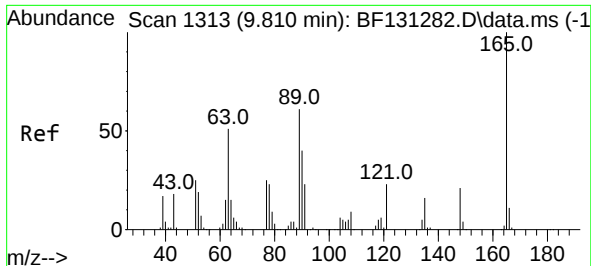


#50
Dimethylphthalate
Concen: 8.878 ng
RT: 9.734 min Scan# 1300
Delta R.T. -0.011 min
Lab File: BF131300.D
Acq: 18 Nov 2022 16:29



Tgt Ion:163 Resp: 120639
Ion Ratio Lower Upper
163 100
194 4.1 3.1 4.7
164 9.8 8.4 12.6





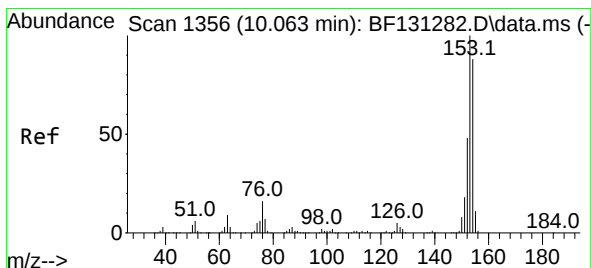
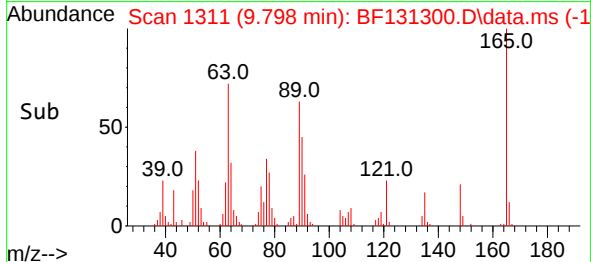
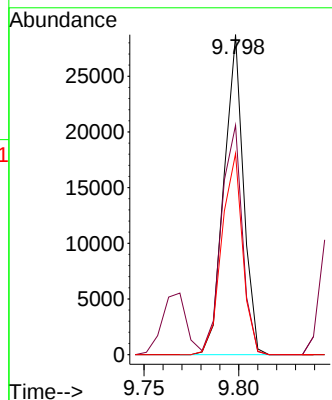
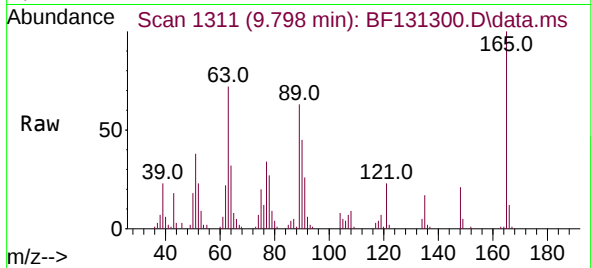
#51
2,6-Dinitrotoluene
Concen: 9.221 ng
RT: 9.798 min Scan# 1311
Delta R.T. -0.012 min
Lab File: BF131300.D
Acq: 18 Nov 2022 16:29

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

Tgt Ion:165 Resp: 20581
Ion Ratio Lower Upper
165 100
63 71.7 53.3 79.9
89 62.8 49.4 74.0

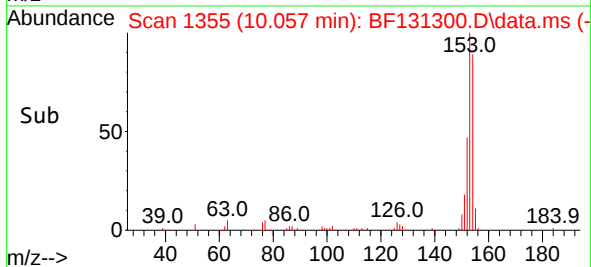
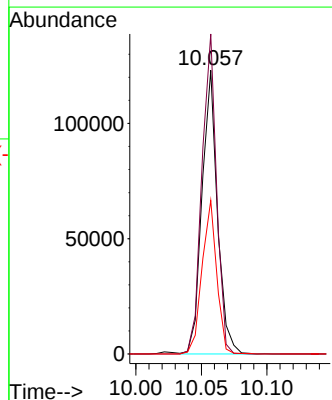
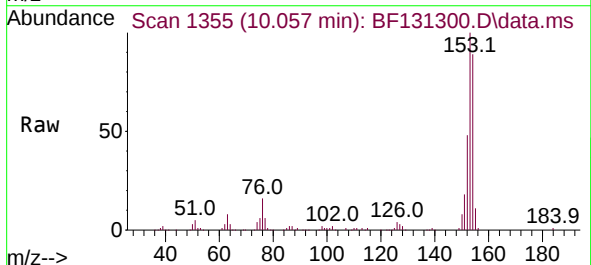
Manual Integrations
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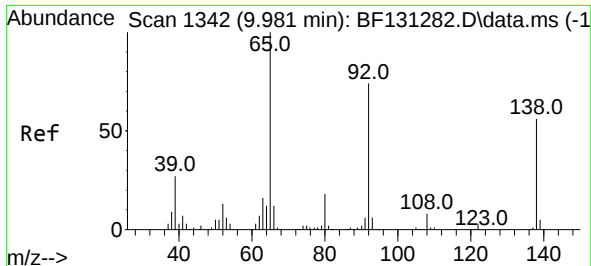
Reviewed By :Christian Giraldo 11/21/2022
Supervised By :Jagrut Upadhyay 11/21/2022



#52
Acenaphthene
Concen: 9.050 ng
RT: 10.057 min Scan# 1355
Delta R.T. -0.006 min
Lab File: BF131300.D
Acq: 18 Nov 2022 16:29

Tgt Ion:154 Resp: 100351
Ion Ratio Lower Upper
154 100
153 112.8 90.7 136.1
152 54.1 43.1 64.7





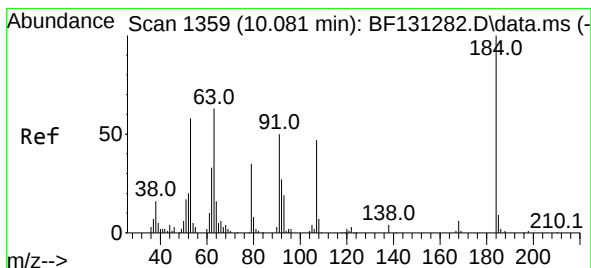
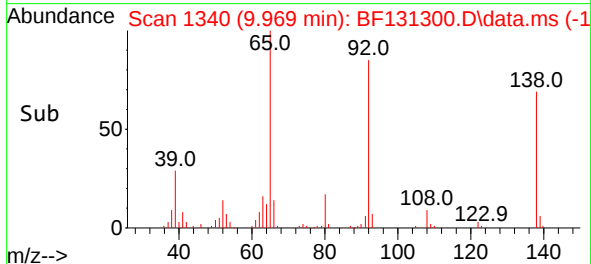
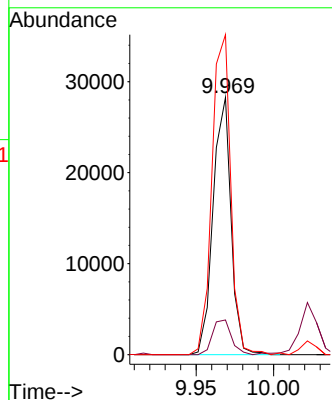
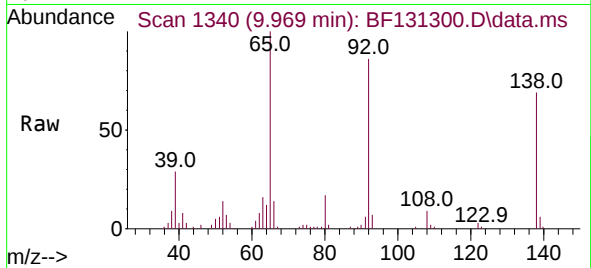
#53
3-Nitroaniline
Concen: 9.631 ng
RT: 9.969 min Scan# 1342
Delta R.T. -0.012 min
Lab File: BF131300.D
Acq: 18 Nov 2022 16:29

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

Tgt Ion:138 Resp: 22749
Ion Ratio Lower Upper
138 100
108 13.5 11.1 16.7
92 124.4 105.4 158.2

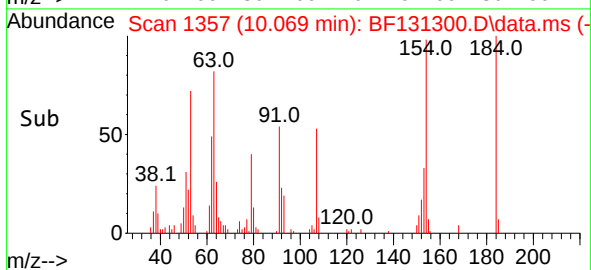
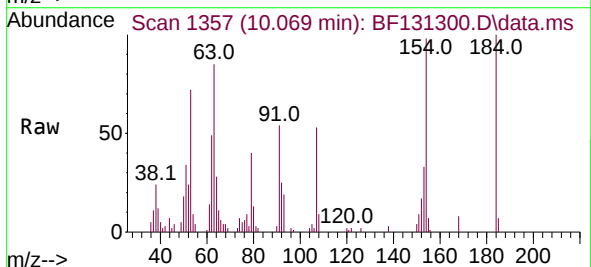
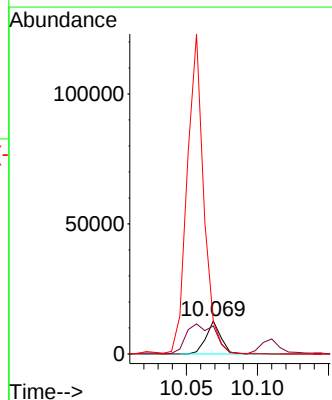
Manual Integrations
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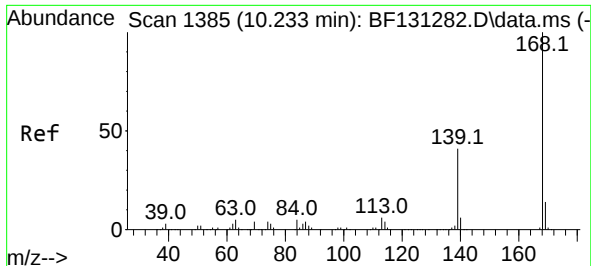
Reviewed By :Christian Giraldo 11/21/2022
Supervised By :Jagrut Upadhyay 11/21/2022



#54
2,4-Dinitrophenol
Concen: 11.670 ng
RT: 10.069 min Scan# 1357
Delta R.T. -0.012 min
Lab File: BF131300.D
Acq: 18 Nov 2022 16:29

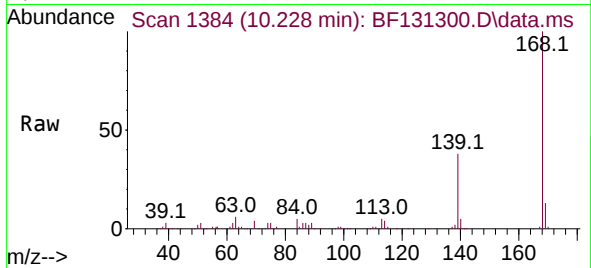
Tgt Ion:184 Resp: 9175
Ion Ratio Lower Upper
184 100
63 84.5 64.8 97.2
154 97.9 58.0 87.0#





#55
Dibenzofuran
Concen: 9.043 ng
RT: 10.228 min Scan# 1384
Delta R.T. -0.005 min
Lab File: BF131300.D
Acq: 18 Nov 2022 16:29

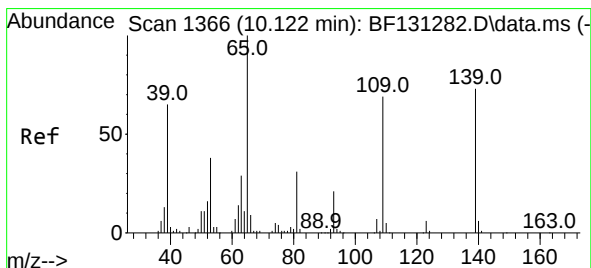
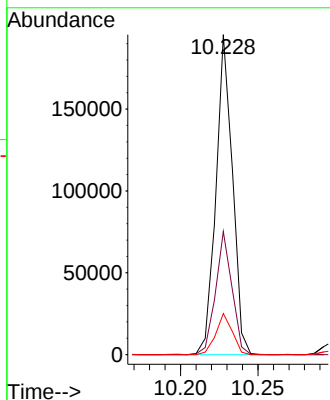
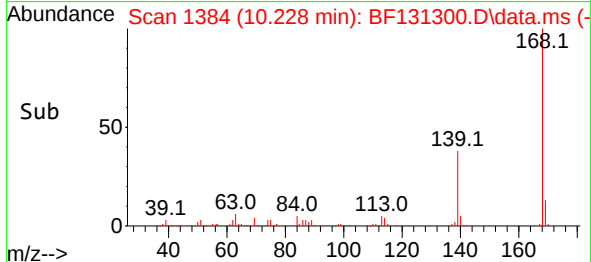
Instrument : BNA_F
ClientSampleId :
LOQ-WATER-02-QT4-2022



Tgt Ion:168 Resp: 145412
Ion Ratio Lower Upper
168 100
139 38.5 33.2 49.8
169 12.9 11.0 16.4

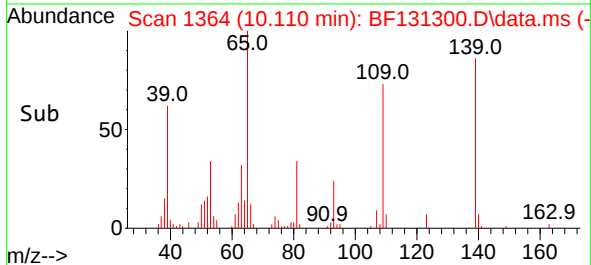
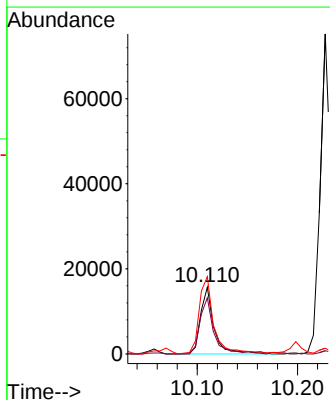
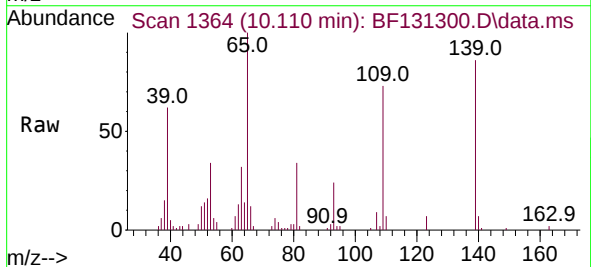
Manual Integrations
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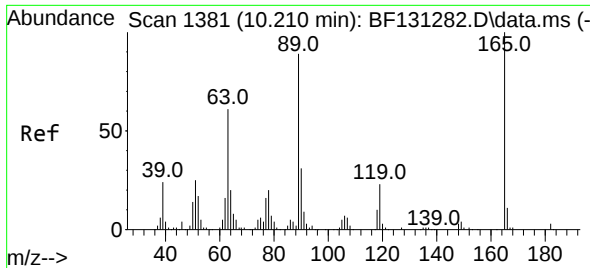
Reviewed By :Christian Giraldo 11/21/2022
Supervised By :Jagrut Upadhyay 11/21/2022



#56
4-Nitrophenol
Concen: 8.211 ng
RT: 10.110 min Scan# 1364
Delta R.T. -0.012 min
Lab File: BF131300.D
Acq: 18 Nov 2022 16:29

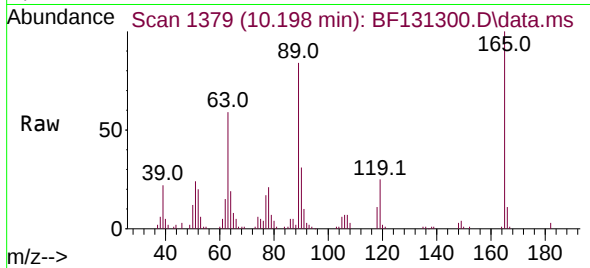
Tgt Ion:139 Resp: 14595
Ion Ratio Lower Upper
139 100
109 84.3 74.2 114.2
65 115.9 116.8 156.8#





#57
2,4-Dinitrotoluene
Concen: 9.470 ng
RT: 10.198 min Scan# 1381
Delta R.T. -0.012 min
Lab File: BF131300.D
Acq: 18 Nov 2022 16:29

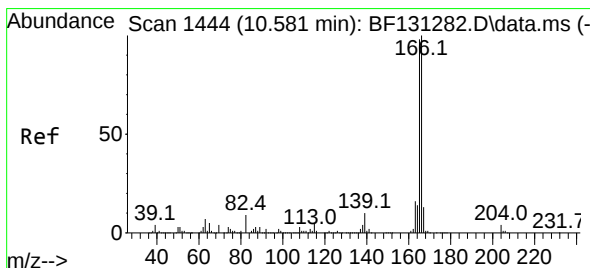
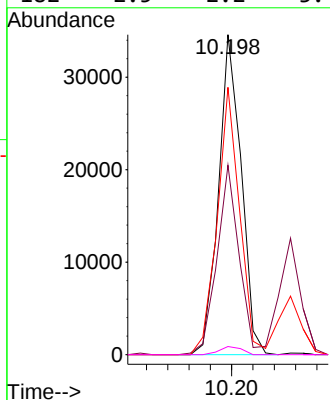
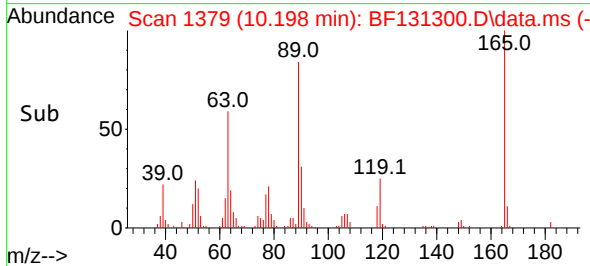
Instrument : BNA_F
ClientSampleId :
LOQ-WATER-02-QT4-2022



Tgt Ion:165 Resp: 25559
Ion Ratio Lower Upper
165 100
63 59.2 49.0 73.6
89 83.5 71.1 106.7
182 2.5 2.2 3.4

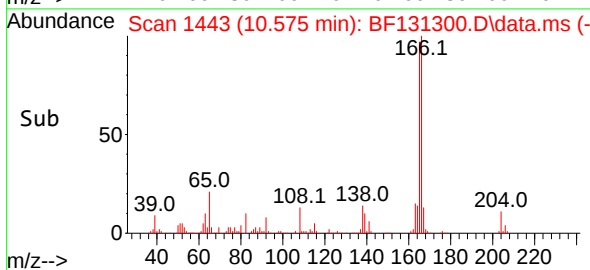
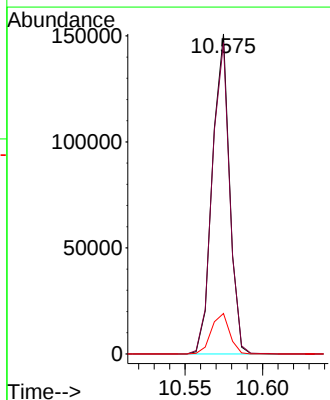
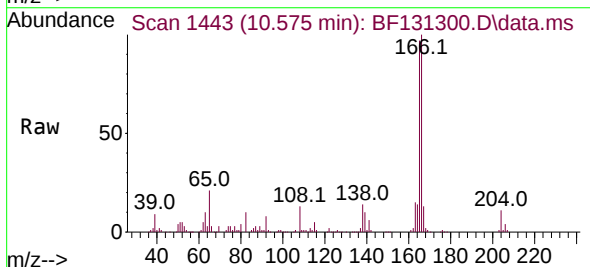
Manual Integrations
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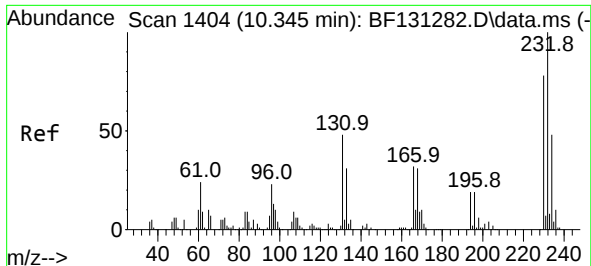
Reviewed By :Christian Giraldo 11/21/2022
Supervised By :Jagrut Upadhyay 11/21/2022



#58
Fluorene
Concen: 9.082 ng
RT: 10.575 min Scan# 1443
Delta R.T. -0.006 min
Lab File: BF131300.D
Acq: 18 Nov 2022 16:29

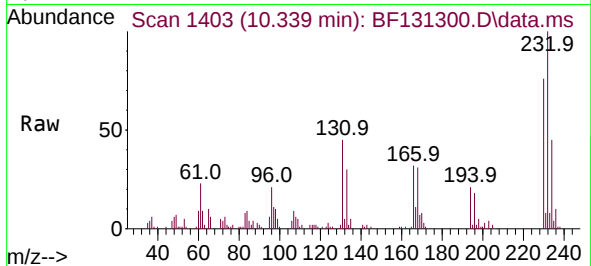
Tgt Ion:166 Resp: 115968
Ion Ratio Lower Upper
166 100
165 97.2 78.2 117.2
167 12.6 10.6 15.8





#59
2,3,4,6-Tetrachlorophenol
Concen: 8.293 ng
RT: 10.339 min Scan# 1403
Delta R.T. -0.006 min
Lab File: BF131300.D
Acq: 18 Nov 2022 16:29

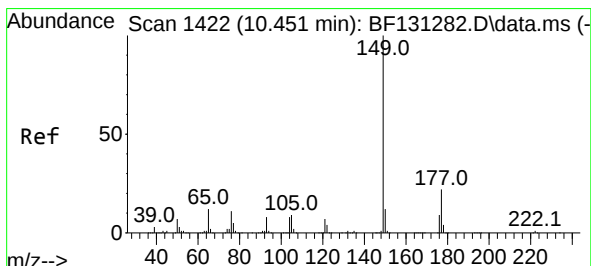
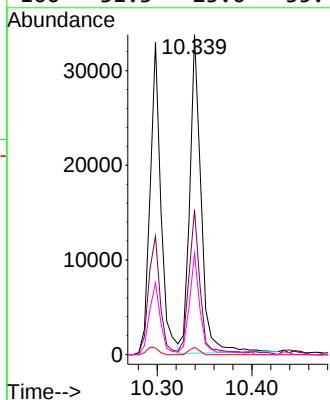
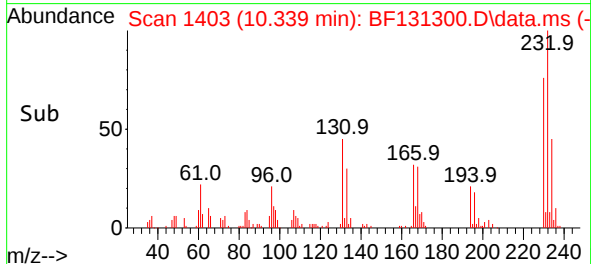
Instrument : BNA_F
ClientSampleId : LOQ-WATER-02-QT4-2022



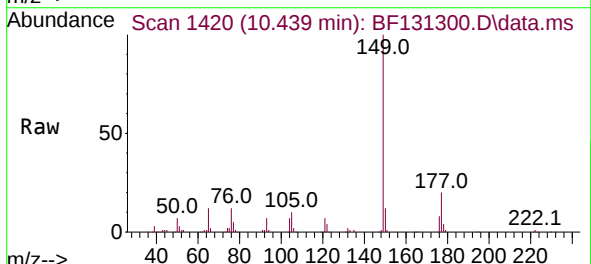
Tgt Ion:232 Resp: 27940
Ion Ratio Lower Upper
232 100
131 43.8 36.0 54.0
130 2.0 1.8 2.6
166 31.3 23.6 35.4

Manual Integrations
APPROVED

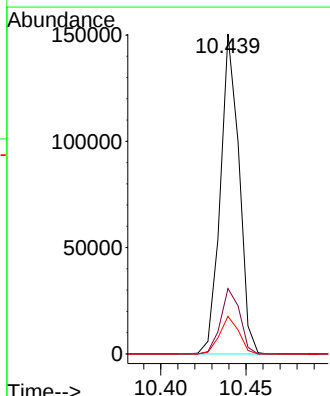
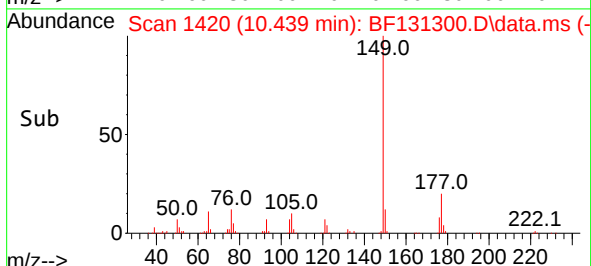
Reviewed By :Christian Giraldo 11/21/2022
Supervised By :Jagrut Upadhyay 11/21/2022

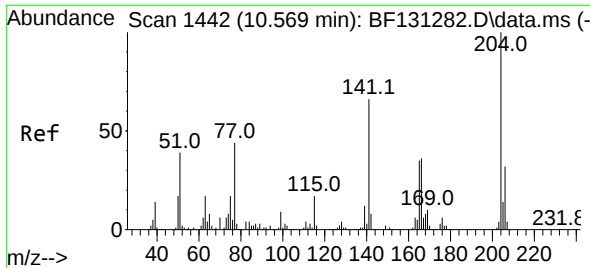


#60
Diethylphthalate
Concen: 8.825 ng
RT: 10.439 min Scan# 1420
Delta R.T. -0.012 min
Lab File: BF131300.D
Acq: 18 Nov 2022 16:29



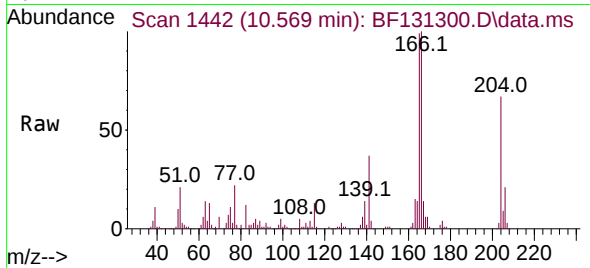
Tgt Ion:149 Resp: 114404
Ion Ratio Lower Upper
149 100
177 20.4 17.9 26.9
150 11.7 9.8 14.6





#61
4-Chlorophenyl-phenylether
Concen: 9.400 ng
RT: 10.569 min Scan# 1442
Delta R.T. -0.000 min
Lab File: BF131300.D
Acq: 18 Nov 2022 16:29

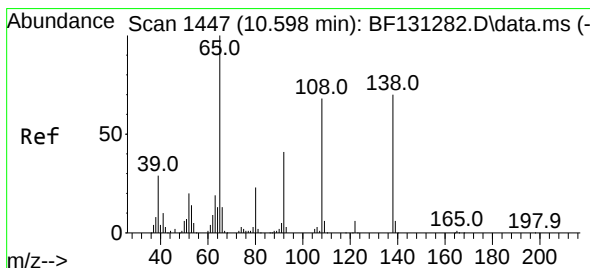
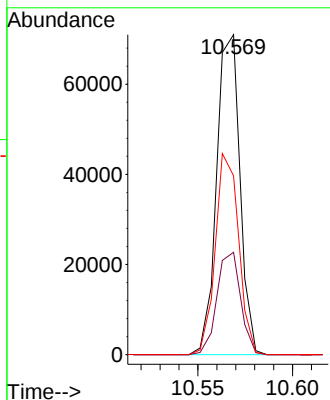
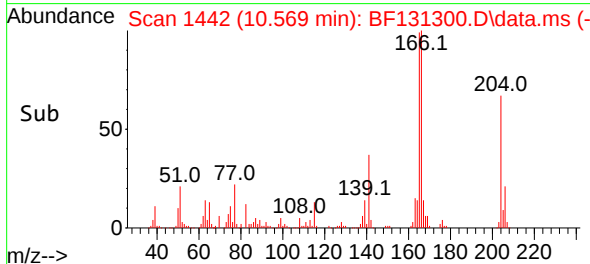
Instrument :
BNA_F
ClientSampleId :
LOQ-WATER-02-QT4-2022



Tgt Ion:204 Resp: 60849
Ion Ratio Lower Upper
204 100
206 32.0 25.7 38.5
141 55.9 53.1 79.7

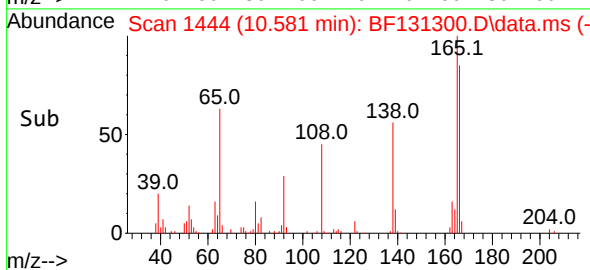
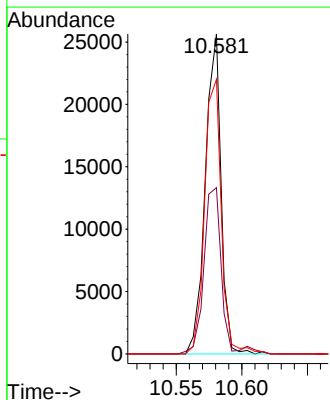
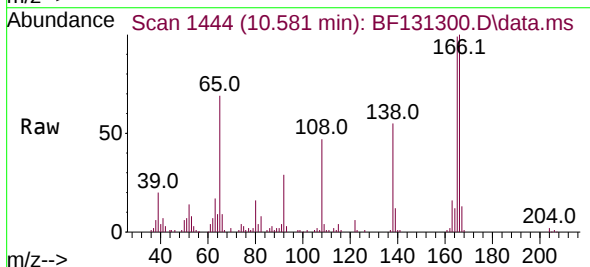
Manual Integrations
APPROVED

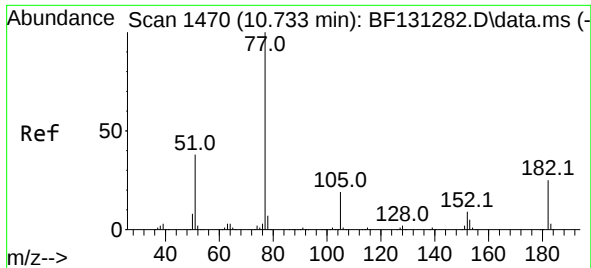
Reviewed By :Christian Giraldo 11/21/2022
Supervised By :Jagrut Upadhyay 11/21/2022



#62
4-Nitroaniline
Concen: 8.923 ng
RT: 10.581 min Scan# 1444
Delta R.T. -0.017 min
Lab File: BF131300.D
Acq: 18 Nov 2022 16:29

Tgt Ion:138 Resp: 21414
Ion Ratio Lower Upper
138 100
92 51.9 37.5 77.5
108 85.8 76.3 116.3





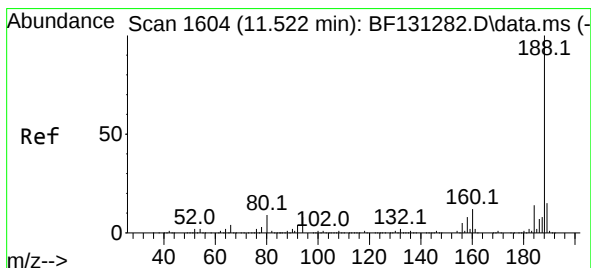
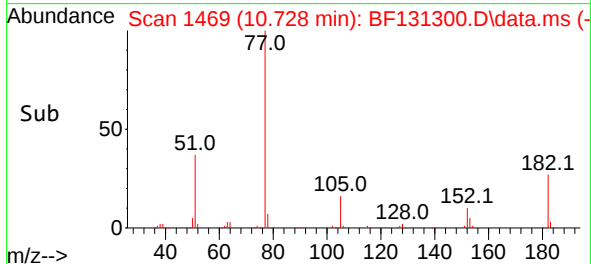
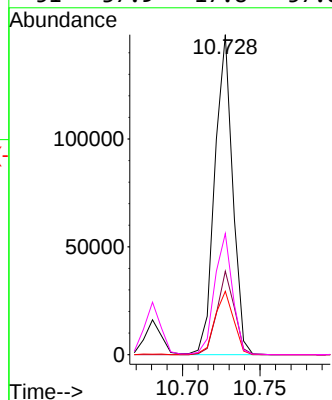
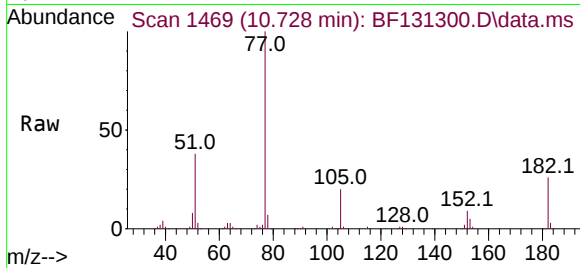
#63
Azobenzene
Concen: 8.867 ng
RT: 10.728 min Scan# 1470
Delta R.T. -0.006 min
Lab File: BF131300.D
Acq: 18 Nov 2022 16:29

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

Tgt Ion: 77 Resp: 11938
Ion Ratio Lower Upper
77 100
182 26.1 5.0 45.0
105 19.8 0.0 39.5
51 37.9 17.8 57.8

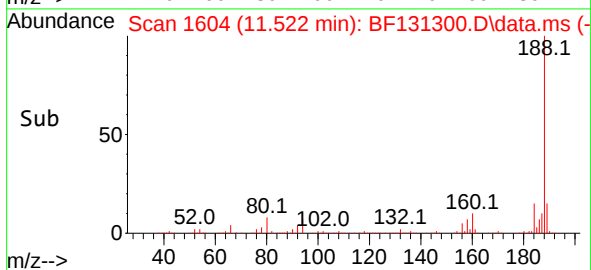
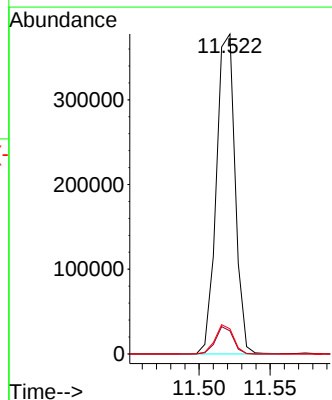
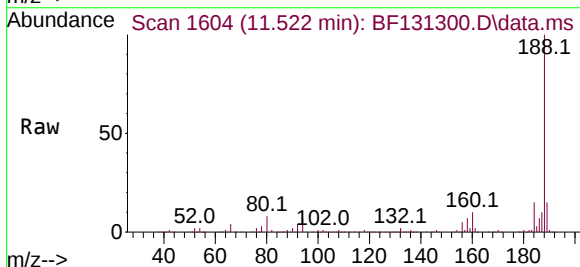
Manual Integrations
APPROVED

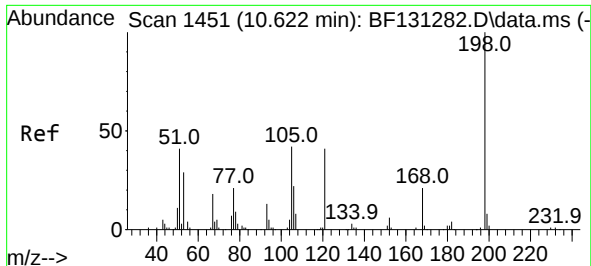
Reviewed By :Christian Giraldo 11/21/2022
Supervised By :Jagrut Upadhyay 11/21/2022



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.522 min Scan# 1604
Delta R.T. -0.000 min
Lab File: BF131300.D
Acq: 18 Nov 2022 16:29

Tgt Ion:188 Resp: 347592
Ion Ratio Lower Upper
188 100
94 7.2 6.5 9.7
80 7.8 7.2 10.8





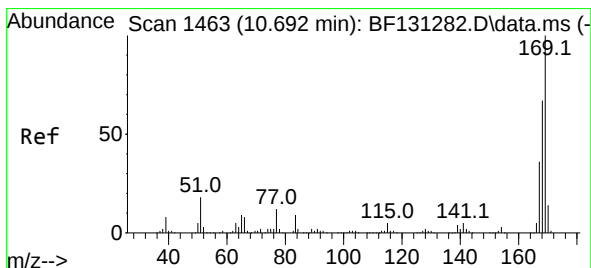
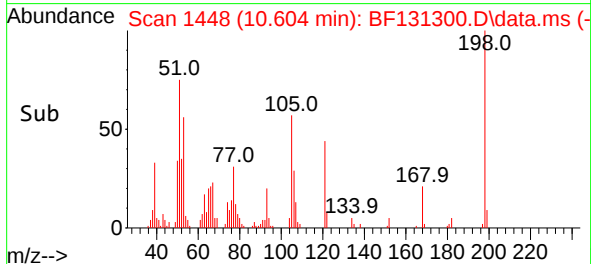
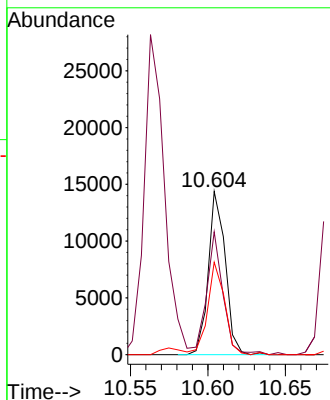
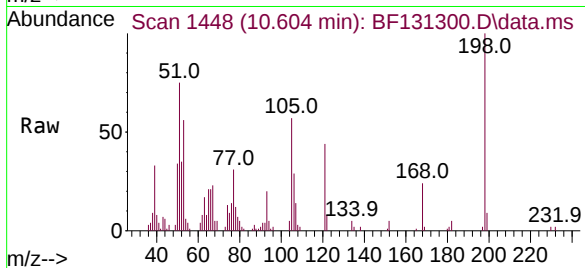
#65
4,6-Dinitro-2-methylphenol
Concen: 9.109 ng
RT: 10.604 min Scan# 1448
Delta R.T. -0.018 min
Lab File: BF131300.D
Acq: 18 Nov 2022 16:29

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

Tgt Ion:198 Resp: 10971
Ion Ratio Lower Upper
198 100
51 75.2 35.7 75.7
105 56.6 23.3 63.3

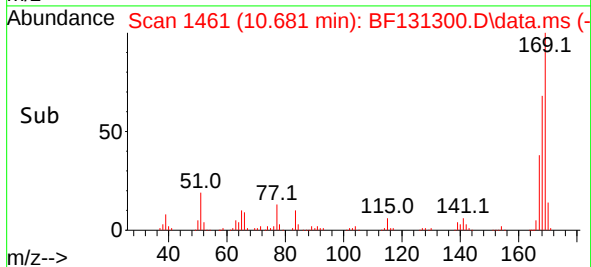
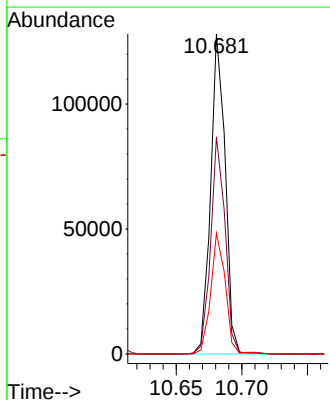
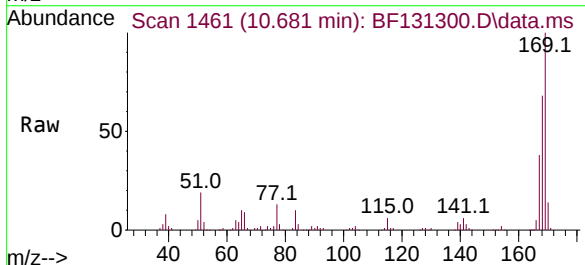
Manual Integrations
APPROVED

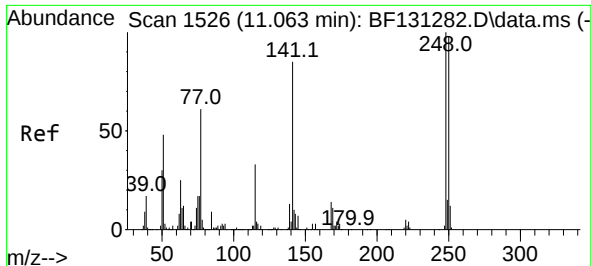
Reviewed By :Christian Giraldo 11/21/2022
Supervised By :Jagrut Upadhyay 11/21/2022



#66
n-Nitrosodiphenylamine
Concen: 8.825 ng
RT: 10.681 min Scan# 1461
Delta R.T. -0.012 min
Lab File: BF131300.D
Acq: 18 Nov 2022 16:29

Tgt Ion:169 Resp: 98847
Ion Ratio Lower Upper
169 100
168 67.8 53.8 80.6
167 37.7 28.9 43.3





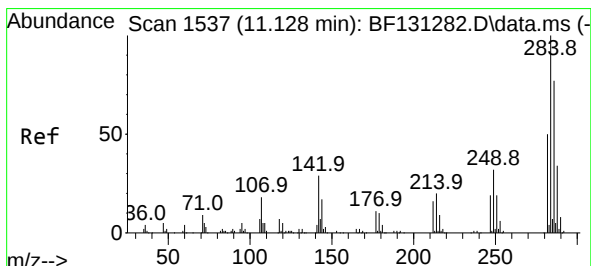
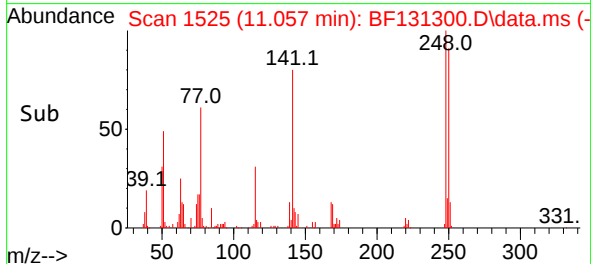
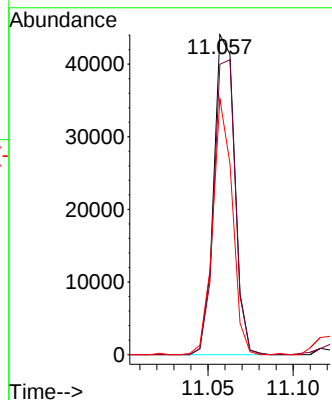
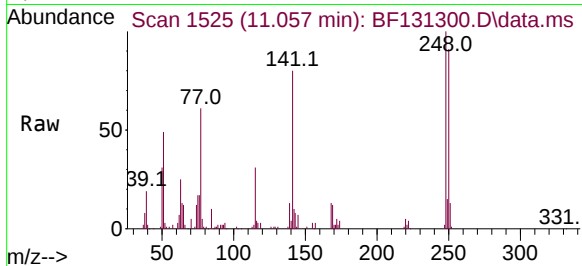
#67
4-Bromophenyl-phenylether
Concen: 9.023 ng
RT: 11.057 min Scan# 1525
Delta R.T. -0.006 min
Lab File: BF131300.D
Acq: 18 Nov 2022 16:29

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

Tgt Ion:248 Resp: 37633
Ion Ratio Lower Upper
248 100
250 90.7 78.3 117.5
141 79.9 67.6 101.4

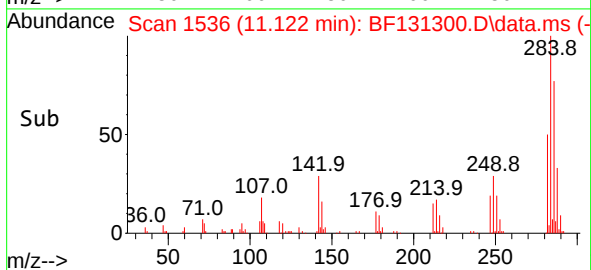
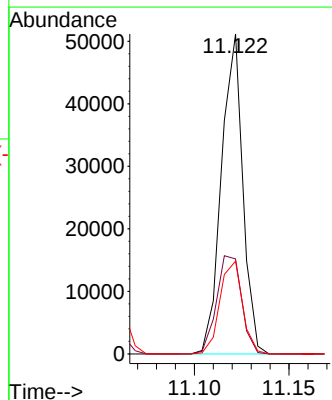
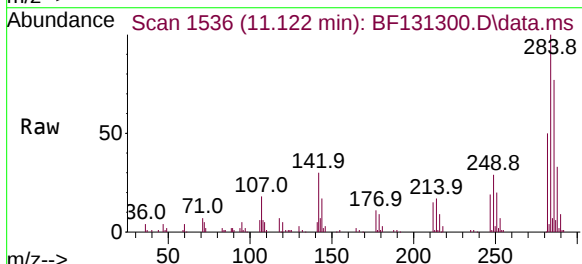
Manual Integrations
APPROVED

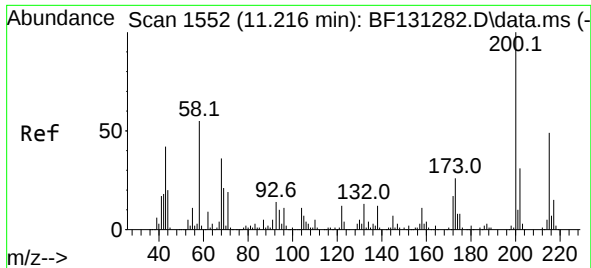
Reviewed By :Christian Giraldo 11/21/2022
Supervised By :Jagrut Upadhyay 11/21/2022



#68
Hexachlorobenzene
Concen: 8.869 ng
RT: 11.122 min Scan# 1536
Delta R.T. -0.006 min
Lab File: BF131300.D
Acq: 18 Nov 2022 16:29

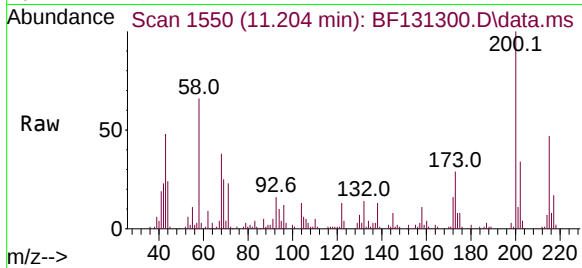
Tgt Ion:284 Resp: 40135
Ion Ratio Lower Upper
284 100
142 29.7 23.4 35.2
249 29.0 25.7 38.5





#69
 Atrazine
 Concen: 9.431 ng
 RT: 11.204 min Scan# 1550
 Delta R.T. -0.012 min
 Lab File: BF131300.D
 Acq: 18 Nov 2022 16:29

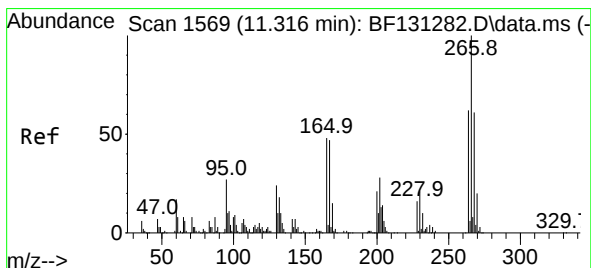
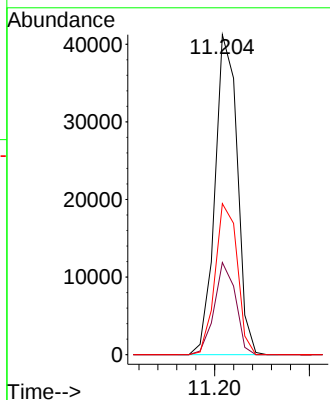
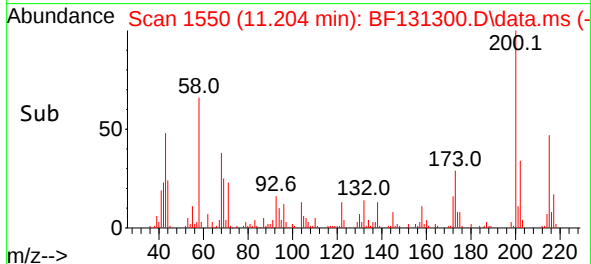
Instrument : BNA_F
 ClientSampleId :
 LOQ-WATER-02-QT4-2022



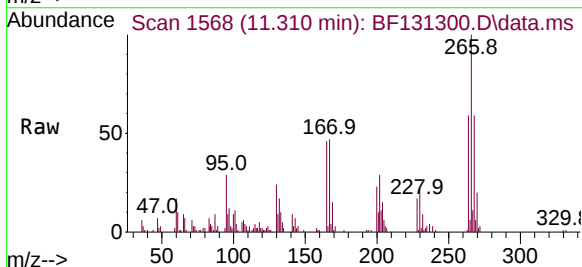
Tgt Ion:200 Resp: 33699
 Ion Ratio Lower Upper
 200 100
 173 28.8 6.0 46.0
 215 47.2 29.0 69.0

Manual Integrations
 APPROVED

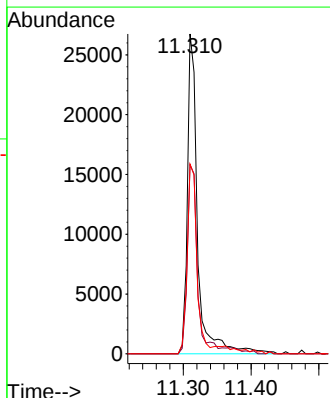
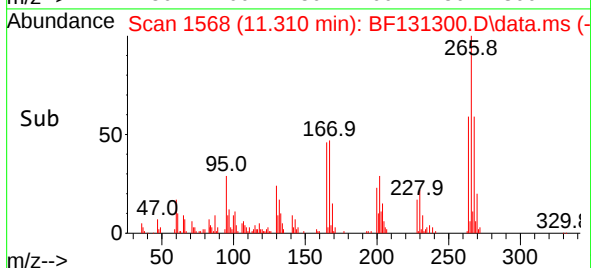
Reviewed By :Christian Giraldo 11/21/2022
 Supervised By :Jagrut Upadhyay 11/21/2022

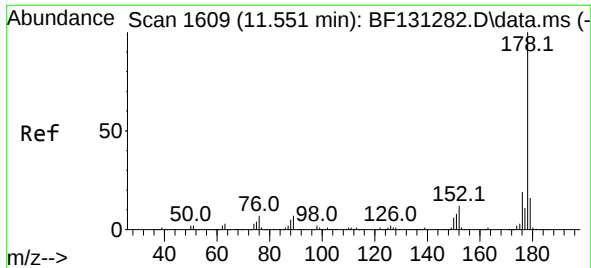


#70
 Pentachlorophenol
 Concen: 11.701 ng m
 RT: 11.310 min Scan# 1568
 Delta R.T. -0.006 min
 Lab File: BF131300.D
 Acq: 18 Nov 2022 16:29



Tgt Ion:266 Resp: 28289
 Ion Ratio Lower Upper
 266 100
 268 59.2 49.0 73.4
 264 59.3 49.7 74.5





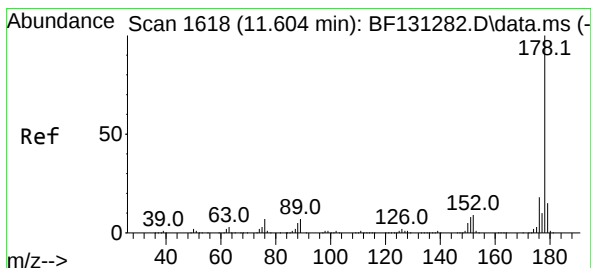
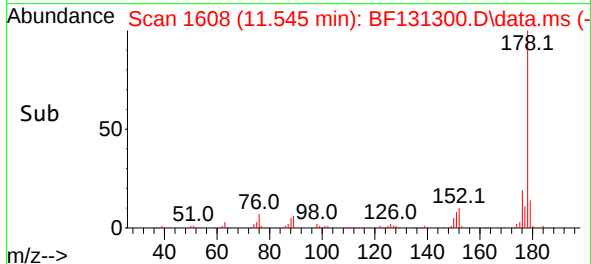
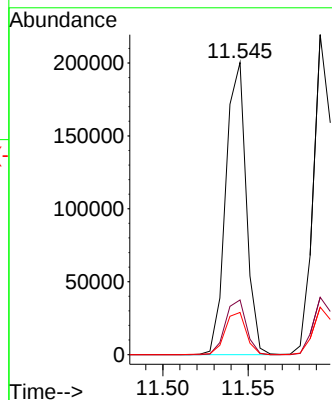
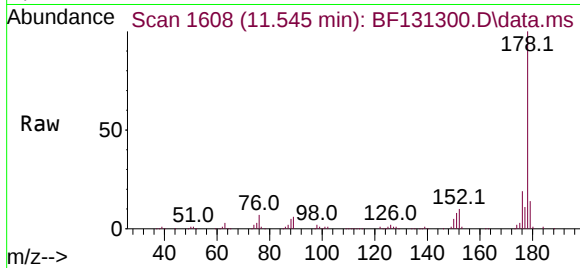
#71
Phenanthrene
Concen: 8.674 ng
RT: 11.545 min Scan# 1609
Delta R.T. -0.006 min
Lab File: BF131300.D
Acq: 18 Nov 2022 16:29

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

Tgt Ion:178 Resp: 166716
Ion Ratio Lower Upper
178 100
176 18.7 15.5 23.3
179 14.4 12.4 18.6

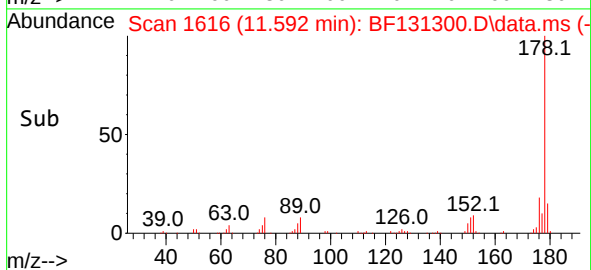
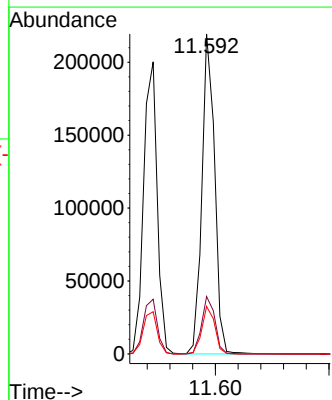
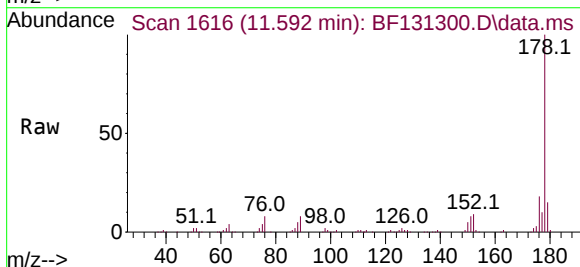
Manual Integrations
APPROVED

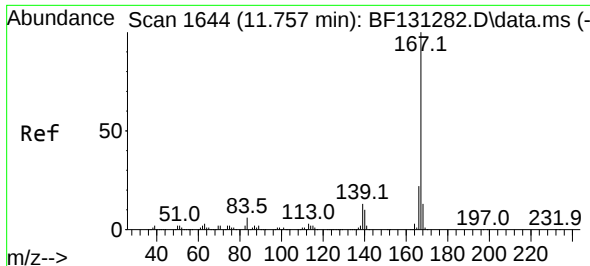
Reviewed By :Christian Giraldo 11/21/2022
Supervised By :Jagrut Upadhyay 11/21/2022



#72
Anthracene
Concen: 9.070 ng
RT: 11.592 min Scan# 1616
Delta R.T. -0.012 min
Lab File: BF131300.D
Acq: 18 Nov 2022 16:29

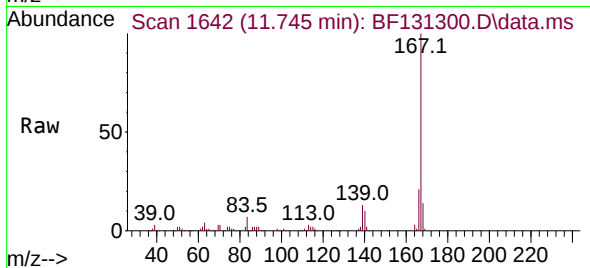
Tgt Ion:178 Resp: 170475
Ion Ratio Lower Upper
178 100
176 17.9 14.6 22.0
179 14.8 12.0 18.0





#73
 Carbazole
 Concen: 9.103 ng
 RT: 11.745 min Scan# 1642
 Delta R.T. -0.012 min
 Lab File: BF131300.D
 Acq: 18 Nov 2022 16:29

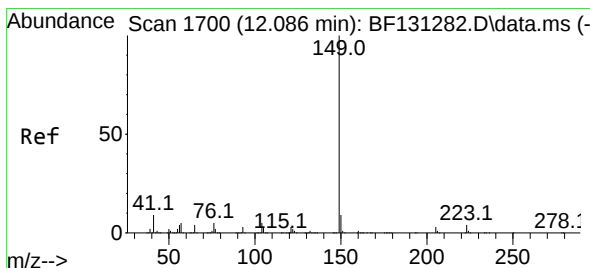
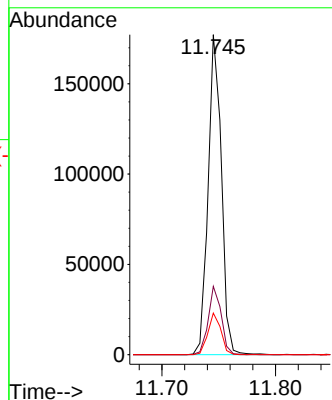
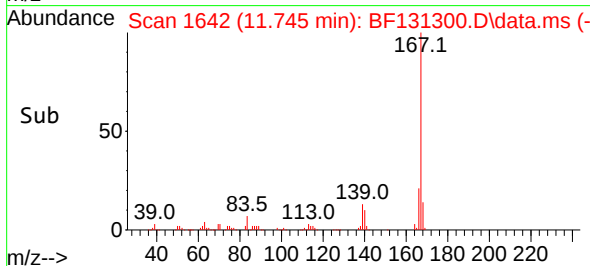
Instrument : BNA_F
 ClientSampleId :
 LOQ-WATER-02-QT4-2022



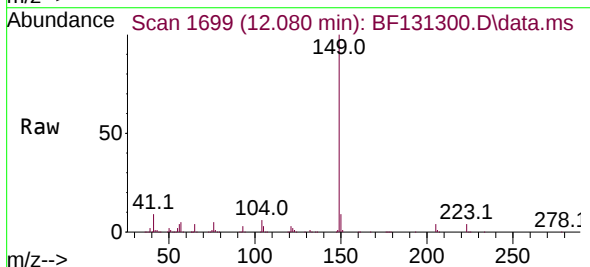
Tgt Ion:167 Resp: 143837
 Ion Ratio Lower Upper
 167 100
 166 21.3 17.4 26.2
 139 13.0 10.2 15.4

Manual Integrations
 APPROVED

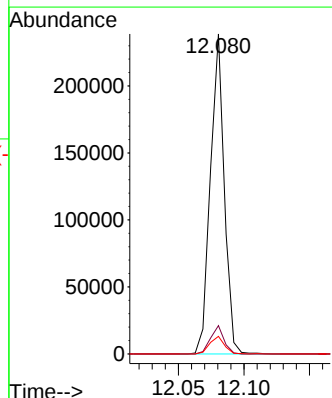
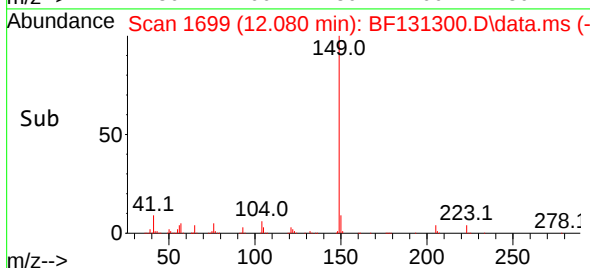
Reviewed By :Christian Giraldo 11/21/2022
 Supervised By :Jagrut Upadhyay 11/21/2022

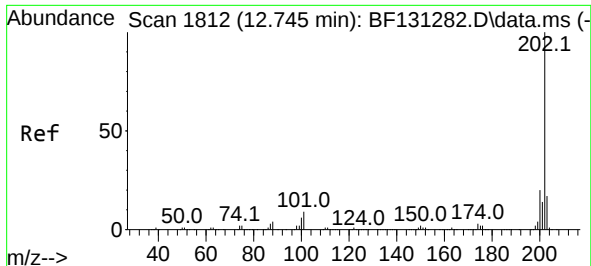


#74
 Di-n-butylphthalate
 Concen: 9.224 ng
 RT: 12.080 min Scan# 1699
 Delta R.T. -0.006 min
 Lab File: BF131300.D
 Acq: 18 Nov 2022 16:29



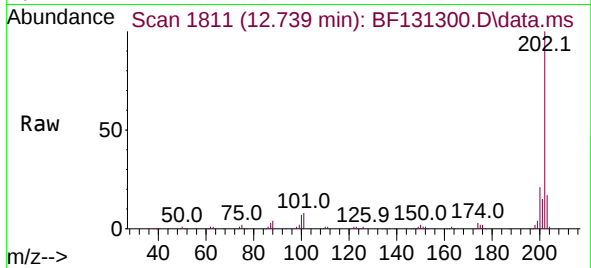
Tgt Ion:149 Resp: 175971
 Ion Ratio Lower Upper
 149 100
 150 8.8 7.1 10.7
 104 5.5 4.3 6.5





#75
Fluoranthene
Concen: 8.721 ng
RT: 12.739 min Scan# 1812
Delta R.T. -0.006 min
Lab File: BF131300.D
Acq: 18 Nov 2022 16:29

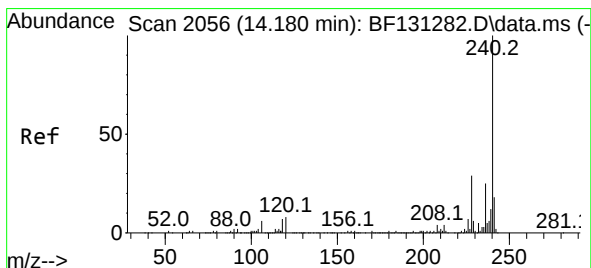
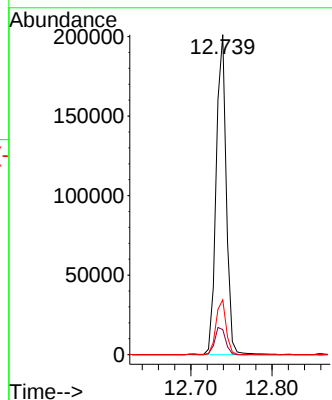
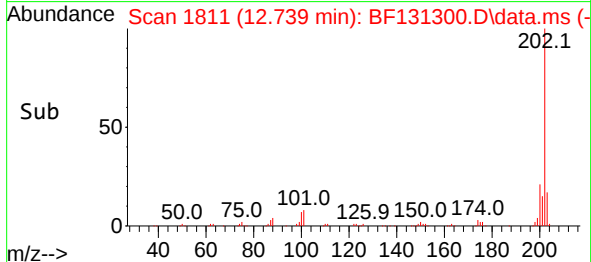
Instrument : BNA_F
ClientSampleId : LOQ-WATER-02-QT4-2022



Tgt Ion:202 Resp: 17394
Ion Ratio Lower Upper
202 100
101 7.8 0.0 28.5
203 17.2 0.0 37.3

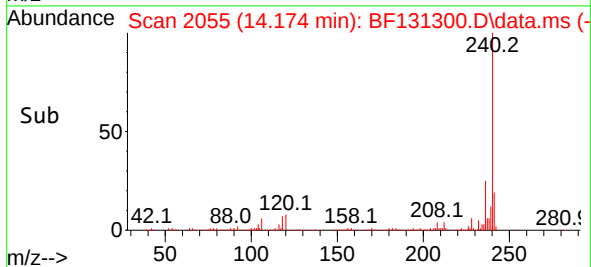
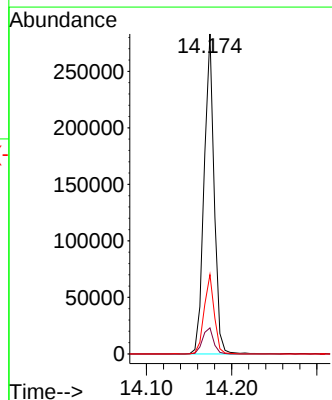
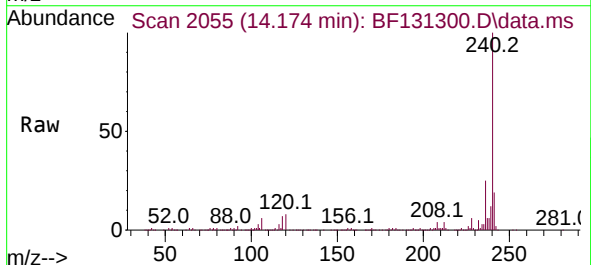
Manual Integrations
APPROVED

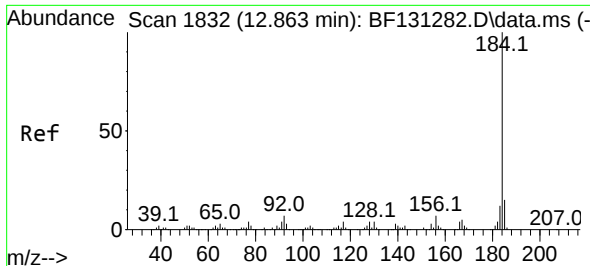
Reviewed By :Christian Giraldo 11/21/2022
Supervised By :Jagrut Upadhyay 11/21/2022



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.174 min Scan# 2055
Delta R.T. -0.006 min
Lab File: BF131300.D
Acq: 18 Nov 2022 16:29

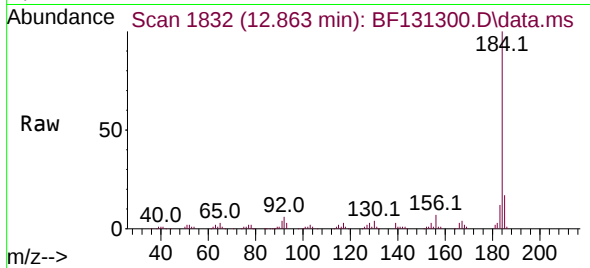
Tgt Ion:240 Resp: 230754
Ion Ratio Lower Upper
240 100
120 8.1 6.2 9.2
236 24.8 19.8 29.6





#77
Benzidine
Concen: 14.470 ng
RT: 12.863 min Scan# 1832
Delta R.T. 0.000 min
Lab File: BF131300.D
Acq: 18 Nov 2022 16:29

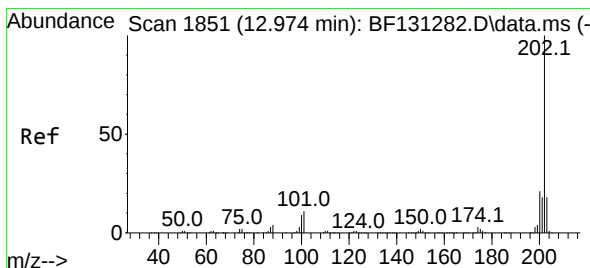
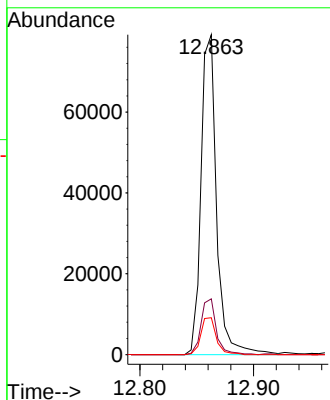
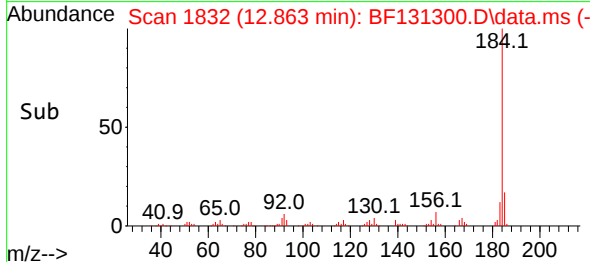
Instrument :
BNA_F
ClientSampleId :
LOQ-WATER-02-QT4-2022



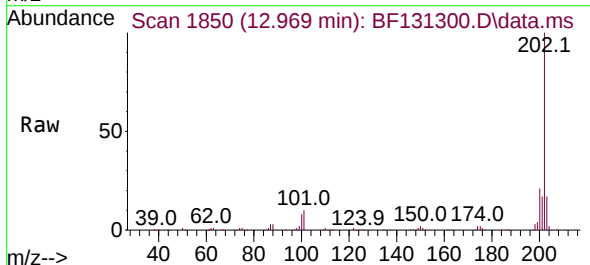
Tgt Ion:184 Resp: 75524
Ion Ratio Lower Upper
184 100
185 17.4 12.3 18.5
183 11.5 9.3 13.9

Manual Integrations
APPROVED

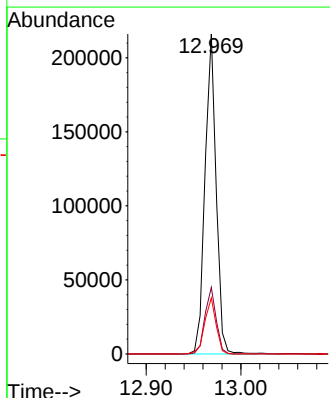
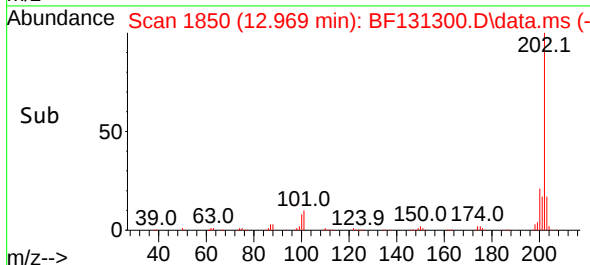
Reviewed By :Christian Giraldo 11/21/2022
Supervised By :Jagrut Upadhyay 11/21/2022

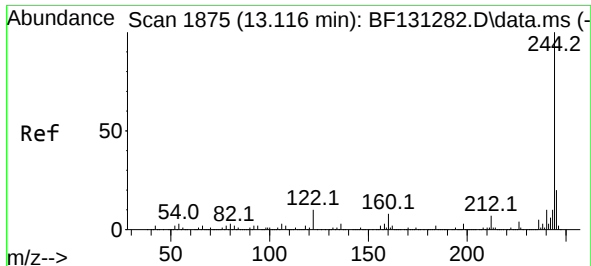


#78
Pyrene
Concen: 7.975 ng
RT: 12.969 min Scan# 1850
Delta R.T. -0.006 min
Lab File: BF131300.D
Acq: 18 Nov 2022 16:29



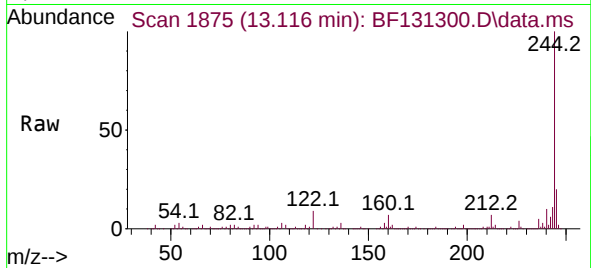
Tgt Ion:202 Resp: 177063
Ion Ratio Lower Upper
202 100
200 20.8 17.2 25.8
203 17.5 14.3 21.5





#79
 Terphenyl-d14
 Concen: 60.530 ng
 RT: 13.116 min Scan# 1875
 Delta R.T. 0.000 min
 Lab File: BF131300.D
 Acq: 18 Nov 2022 16:29

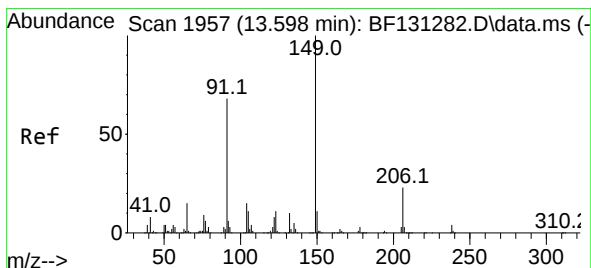
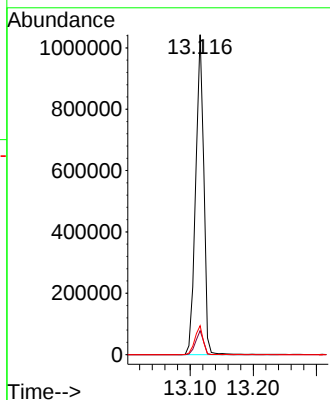
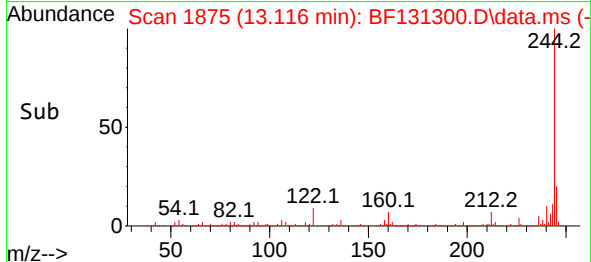
Instrument :
 BNA_F
 ClientSampleId :
 LOQ-WATER-02-QT4-2022



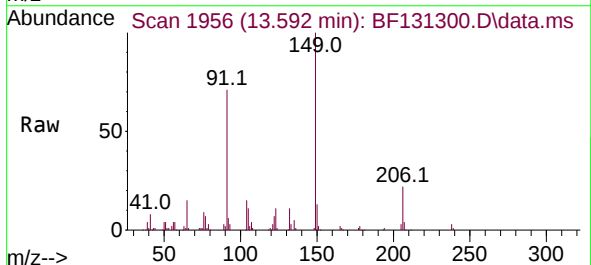
Tgt Ion:244 Resp: 934423
 Ion Ratio Lower Upper
 244 100
 212 7.5 5.8 8.6
 122 9.0 7.8 11.8

Manual Integrations
 APPROVED

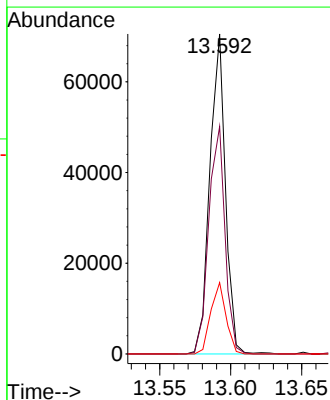
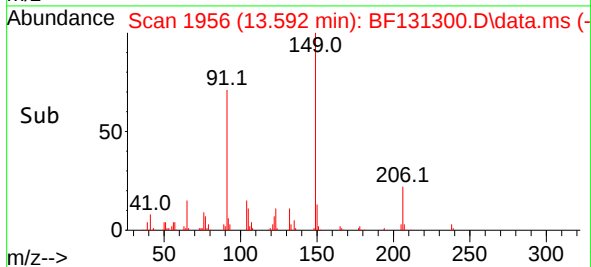
Reviewed By :Christian Giraldo 11/21/2022
 Supervised By :Jagrut Upadhyay 11/21/2022

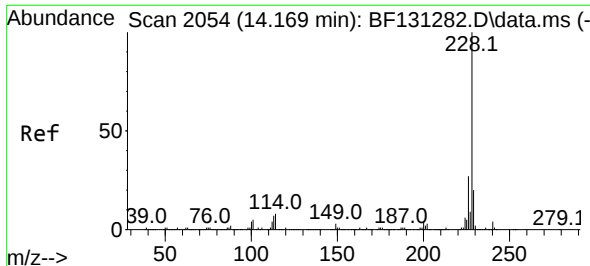


#80
 Butylbenzylphthalate
 Concen: 8.025 ng
 RT: 13.592 min Scan# 1956
 Delta R.T. -0.006 min
 Lab File: BF131300.D
 Acq: 18 Nov 2022 16:29



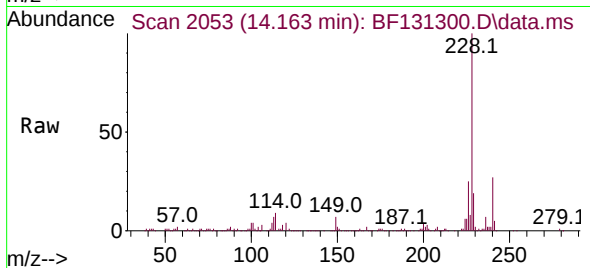
Tgt Ion:149 Resp: 53897
 Ion Ratio Lower Upper
 149 100
 91 71.1 54.6 82.0
 206 22.3 18.1 27.1





#81
Benzo(a)anthracene
Concen: 8.324 ng
RT: 14.163 min Scan# 2053
Delta R.T. -0.006 min
Lab File: BF131300.D
Acq: 18 Nov 2022 16:29

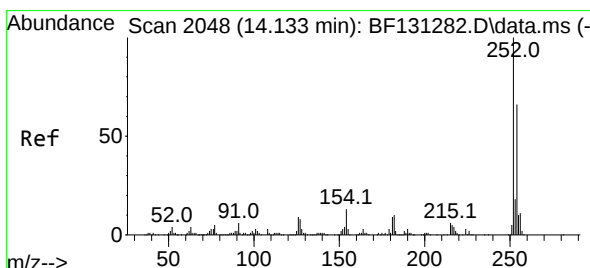
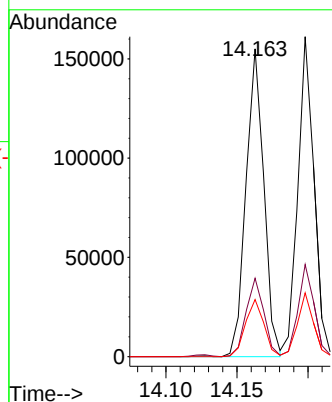
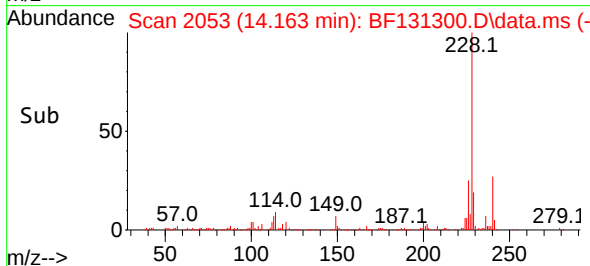
Instrument : BNA_F
ClientSampleId :
LOQ-WATER-02-QT4-2022



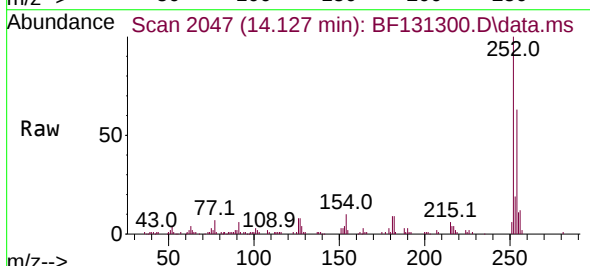
Tgt Ion:228 Resp: 135412
Ion Ratio Lower Upper
228 100
226 25.4 21.5 32.3
229 18.5 16.1 24.1

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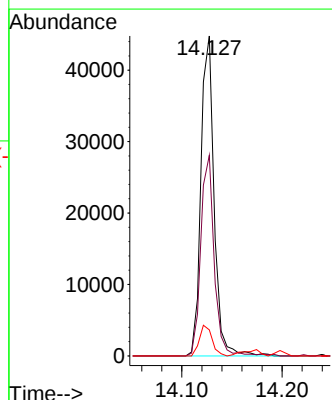
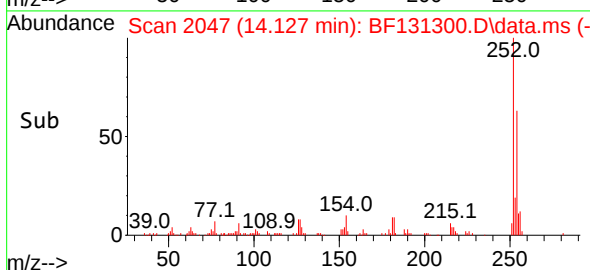
Reviewed By :Christian Giraldo 11/21/2022
Supervised By :Jagrut Upadhyay 11/21/2022

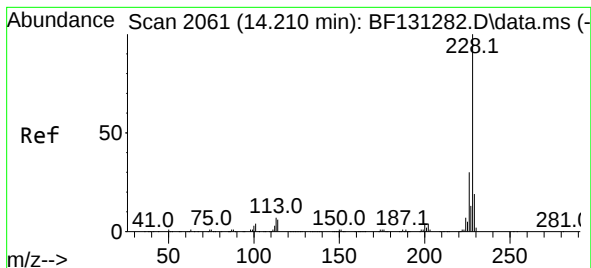


#82
3,3'-Dichlorobenzidine
Concen: 9.450 ng
RT: 14.127 min Scan# 2047
Delta R.T. -0.006 min
Lab File: BF131300.D
Acq: 18 Nov 2022 16:29



Tgt Ion:252 Resp: 40815
Ion Ratio Lower Upper
252 100
254 62.7 52.6 78.8
126 8.1 7.0 10.6





#83

Chrysene

Concen: 8.267 ng

RT: 14.198 min Scan# 2061

Delta R.T. -0.012 min

Lab File: BF131300.D

Acq: 18 Nov 2022 16:29

Instrument :

BNA_F

ClientSampleId :

LOQ-WATER-02-QT4-2022

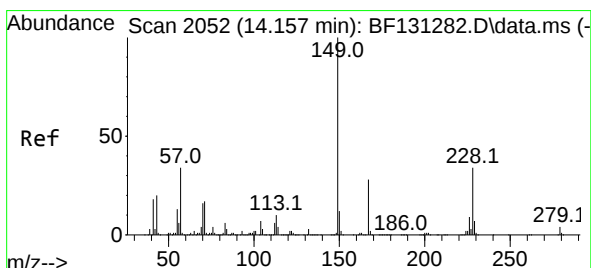
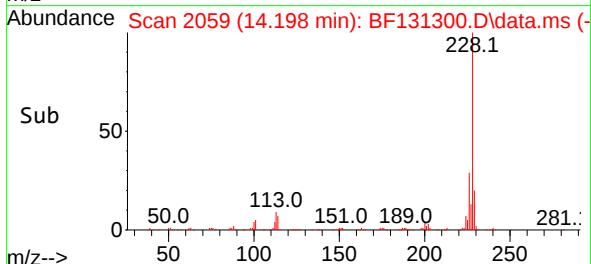
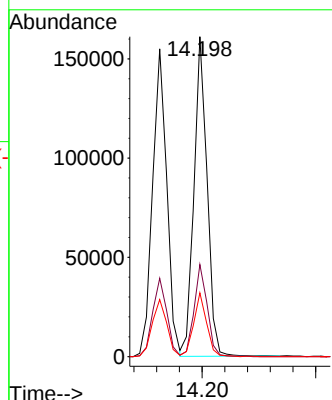
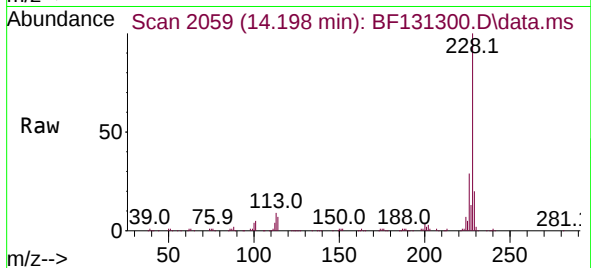
Tgt Ion:	228	Resp:	12863
Ion Ratio	Lower	Upper	
228	100		
226	28.8	23.8	35.6
229	19.9	15.2	22.8

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 11/21/2022

Supervised By :Jagrut Upadhyay 11/21/2022



#84

Bis(2-ethylhexyl)phthalate

Concen: 8.690 ng

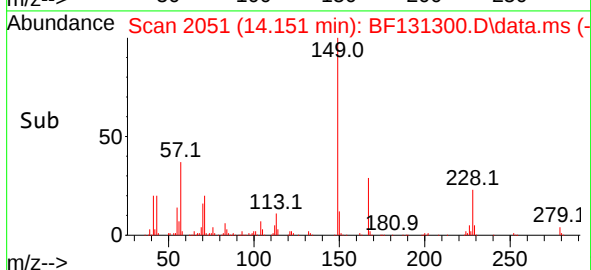
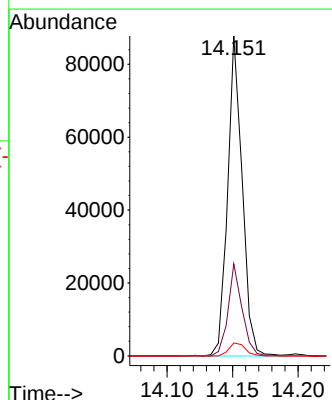
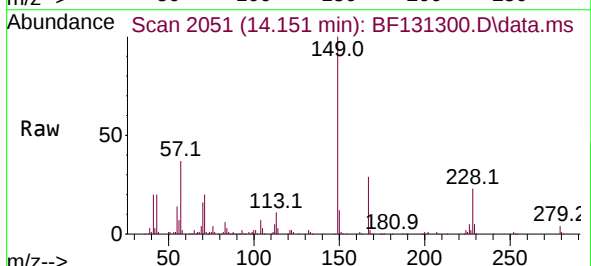
RT: 14.151 min Scan# 2051

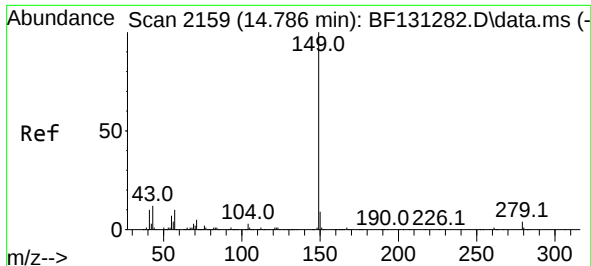
Delta R.T. -0.006 min

Lab File: BF131300.D

Acq: 18 Nov 2022 16:29

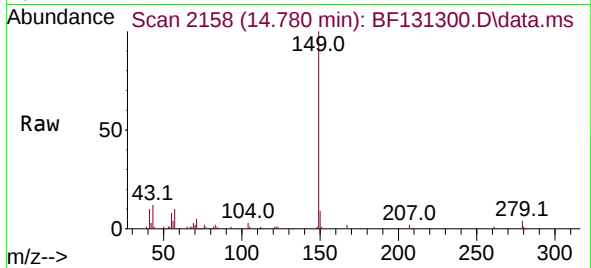
Tgt Ion:	149	Resp:	67933
Ion Ratio	Lower	Upper	
149	100		
167	28.8	22.2	33.4
279	4.0	3.4	5.2





#85
Di-n-octyl phthalate
Concen: 7.758 ng
RT: 14.780 min Scan# 2159
Delta R.T. -0.006 min
Lab File: BF131300.D
Acq: 18 Nov 2022 16:29

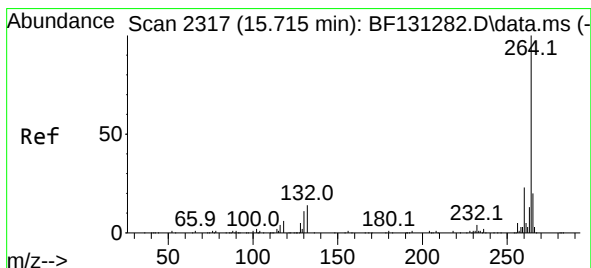
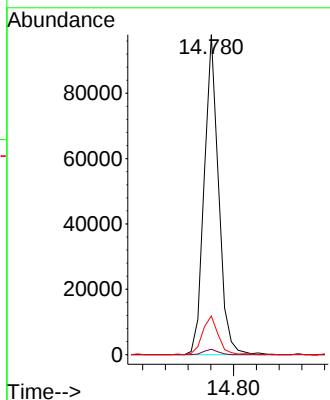
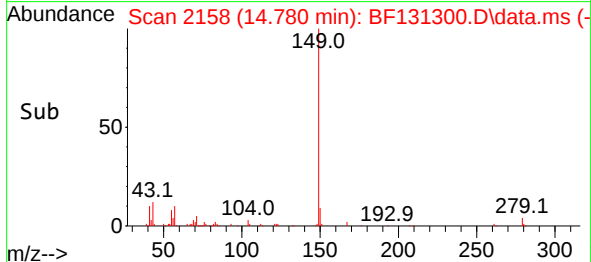
Instrument : BNA_F
ClientSampleId :
LOQ-WATER-02-QT4-2022



Tgt Ion:149 Resp: 86093
Ion Ratio Lower Upper
149 100
167 1.6 1.2 1.8
43 13.3 10.6 16.0

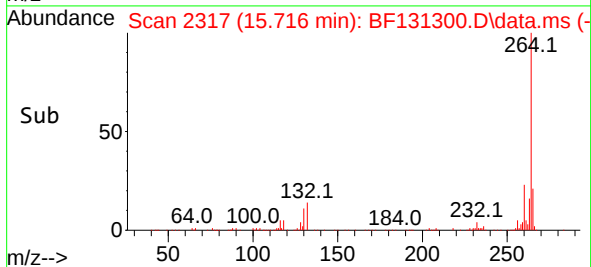
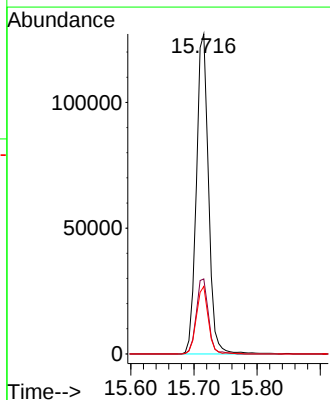
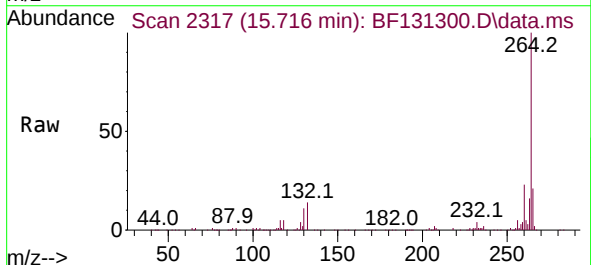
Manual Integrations
APPROVED

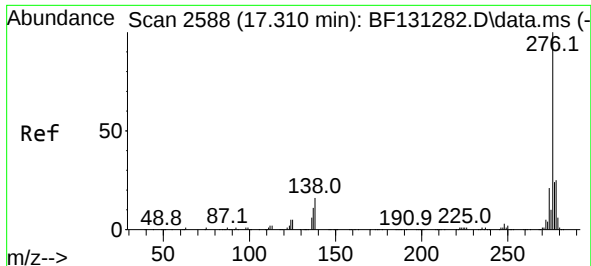
Reviewed By :Christian Giraldo 11/21/2022
Supervised By :Jagrut Upadhyay 11/21/2022



#86
Perylene-d12
Concen: 20.000 ng
RT: 15.716 min Scan# 2317
Delta R.T. 0.000 min
Lab File: BF131300.D
Acq: 18 Nov 2022 16:29

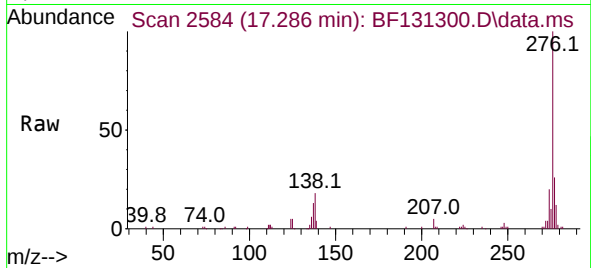
Tgt Ion:264 Resp: 170228
Ion Ratio Lower Upper
264 100
260 23.4 18.7 28.1
265 21.1 16.2 24.4





#87
Indeno(1,2,3-cd)pyrene
Concen: 7.071 ng
RT: 17.286 min Scan# 21
Delta R.T. -0.024 min
Lab File: BF131300.D
Acq: 18 Nov 2022 16:29

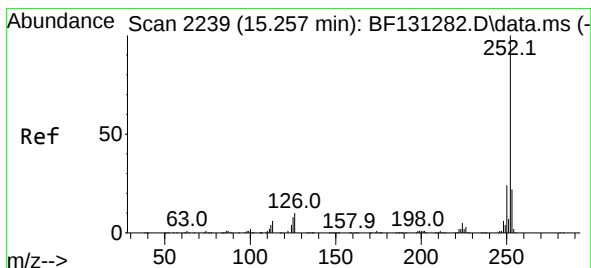
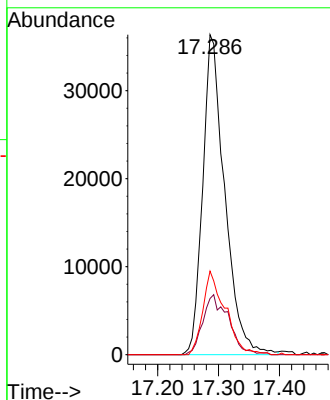
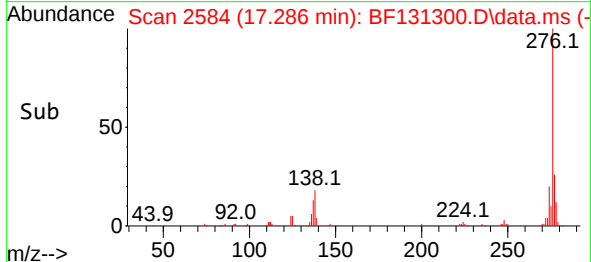
Instrument :
BNA_F
ClientSampleId :
LOQ-WATER-02-QT4-2022



Tgt Ion: 276 Resp: 91289
Ion Ratio Lower Upper
276 100
138 21.8 15.1 22.7
277 26.6 20.1 30.1

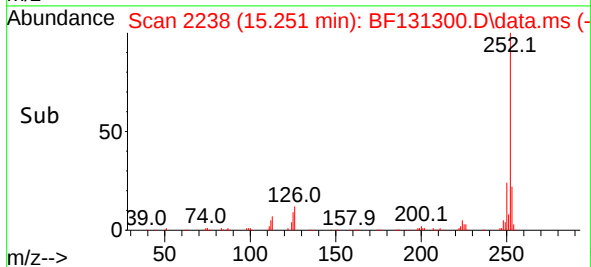
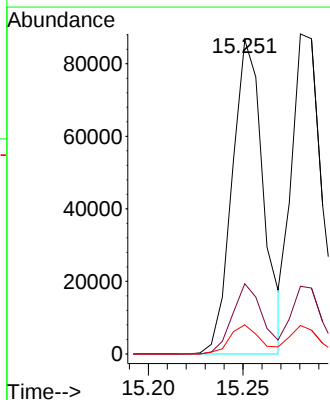
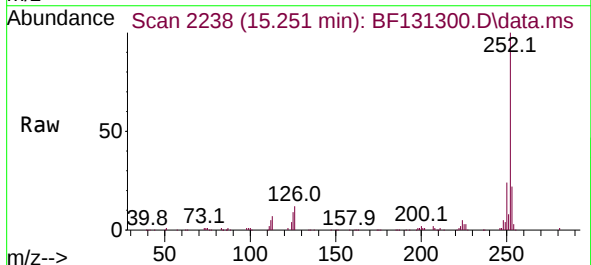
Manual Integrations
APPROVED

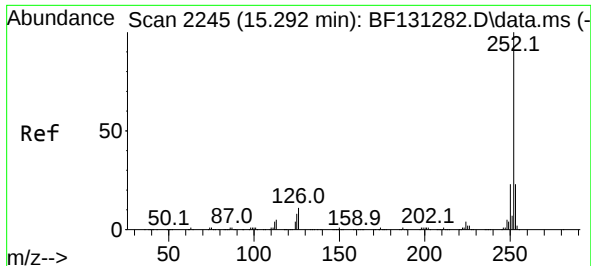
Reviewed By : Christian Giraldo 11/21/2022
Supervised By : Jagrut Upadhyay 11/21/2022



#88
Benzo(b)fluoranthene
Concen: 8.695 ng
RT: 15.251 min Scan# 2238
Delta R.T. -0.006 min
Lab File: BF131300.D
Acq: 18 Nov 2022 16:29

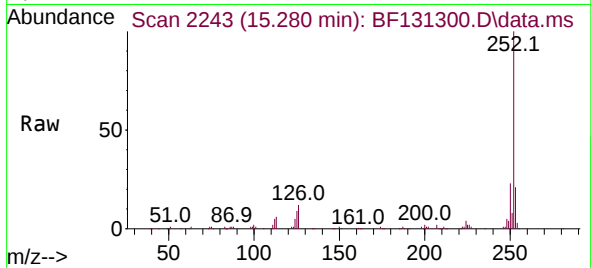
Tgt Ion: 252 Resp: 99614
Ion Ratio Lower Upper
252 100
253 22.4 17.4 26.0
125 9.2 6.3 9.5





#89
Benzo(k)fluoranthene
Concen: 8.432 ng
RT: 15.280 min Scan# 211
Delta R.T. -0.012 min
Lab File: BF131300.D
Acq: 18 Nov 2022 16:29

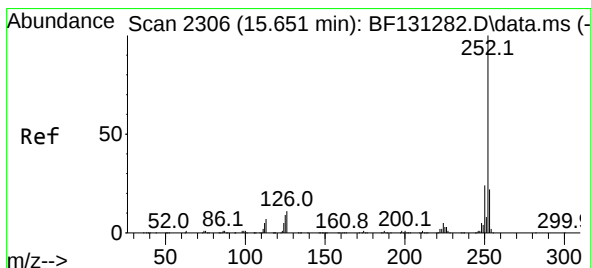
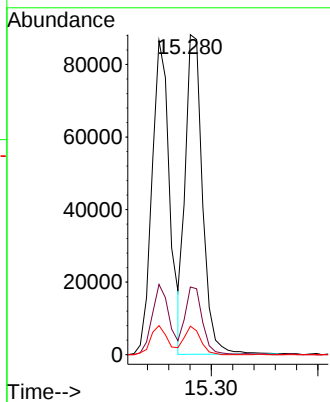
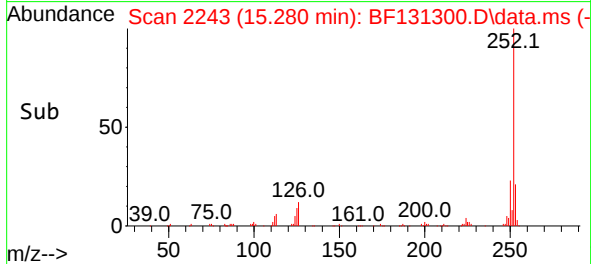
Instrument : BNA_F
ClientSampleId :
LOQ-WATER-02-QT4-2022



Tgt Ion:252 Resp: 9873
Ion Ratio Lower Upper
252 100
253 21.1 18.0 27.0
125 8.9 6.5 9.7

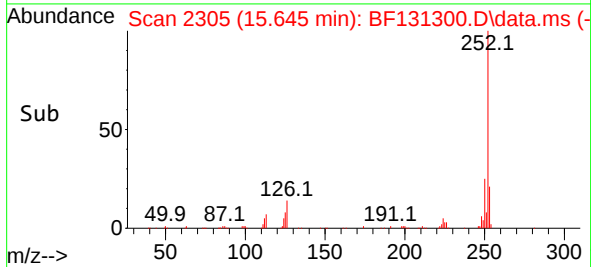
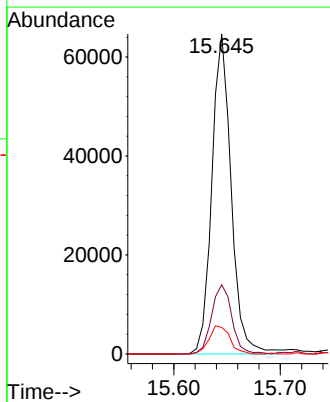
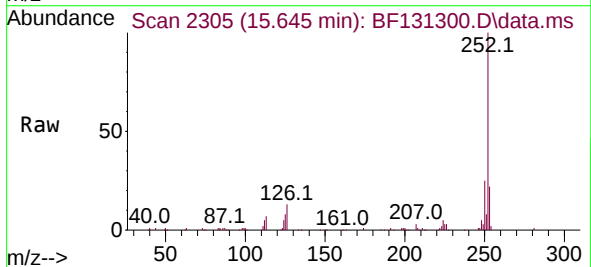
Manual Integrations
APPROVED

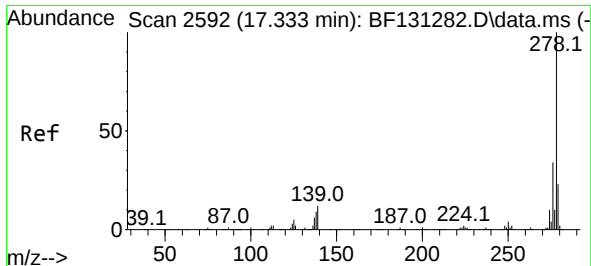
Reviewed By :Christian Giraldo 11/21/2022
Supervised By :Jagrut Upadhyay 11/21/2022



#90
Benzo(a)pyrene
Concen: 8.669 ng
RT: 15.645 min Scan# 2305
Delta R.T. -0.006 min
Lab File: BF131300.D
Acq: 18 Nov 2022 16:29

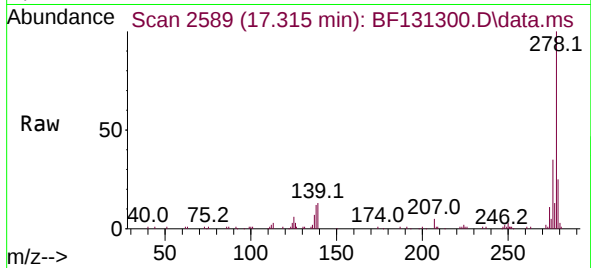
Tgt Ion:252 Resp: 81542
Ion Ratio Lower Upper
252 100
253 21.6 17.7 26.5
125 8.3 7.2 10.8





#91
Dibenzo(a,h)anthracene
Concen: 7.689 ng
RT: 17.315 min Scan# 21
Delta R.T. -0.018 min
Lab File: BF131300.D
Acq: 18 Nov 2022 16:29

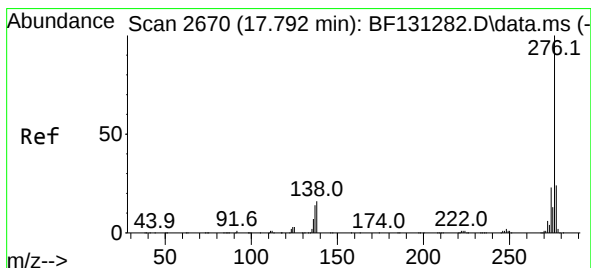
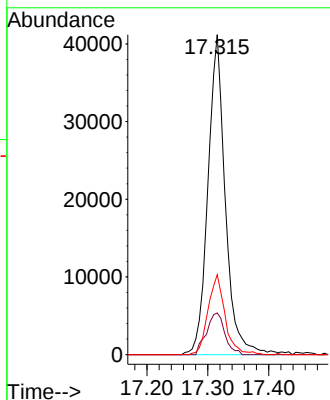
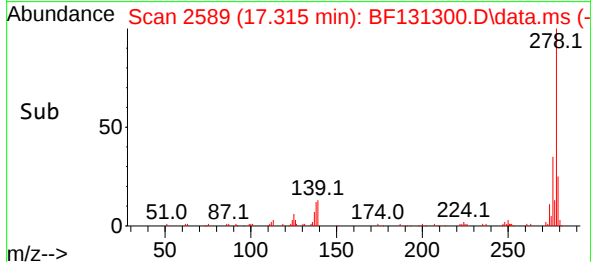
Instrument :
BNA_F
ClientSampleId :
LOQ-WATER-02-QT4-2022



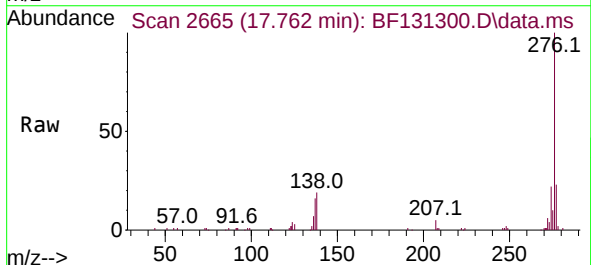
Tgt Ion:278 Resp: 81694
Ion Ratio Lower Upper
278 100
139 13.0 10.0 15.0
279 25.0 18.6 27.8

Manual Integrations
APPROVED

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



#92
Benzo(g,h,i)perylene
Concen: 7.617 ng
RT: 17.762 min Scan# 2665
Delta R.T. -0.030 min
Lab File: BF131300.D
Acq: 18 Nov 2022 16:29



Tgt Ion:276 Resp: 81816
Ion Ratio Lower Upper
276 100
277 23.3 19.4 29.0
138 18.5 13.0 19.6

