

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF111822\
 Data File : BF131301.D
 Acq On : 18 Nov 2022 17:06
 Operator : CG\JU
 Sample : N4955-08
 Misc : LOQ-WATER 10ppm
 ALS Vial : 13 Sample Multiplier: 1

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

Quant Time: Nov 21 01:34:44 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	91534	20.000	ng	0.00
21) Naphthalene-d8	8.257	136	345809	20.000	ng	0.00
39) Acenaphthene-d10	10.022	164	204378	20.000	ng	0.00
64) Phenanthrene-d10	11.522	188	373911	20.000	ng	0.00
76) Chrysene-d12	14.174	240	245174	20.000	ng	# 0.00
86) Perylene-d12	15.715	264	177095	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.569	112	430652	86.114	ng	0.00
7) Phenol-d6	6.581	99	543905	85.792	ng	0.00
23) Nitrobenzene-d5	7.534	82	408757	63.141	ng	0.00
42) 2,4,6-Tribromophenol	10.816	330	154210	84.760	ng	0.00
45) 2-Fluorobiphenyl	9.339	172	822146	57.454	ng	0.00
79) Terphenyl-d14	13.116	244	915278	55.802	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	2.769	88	19757	8.545	ng	97
3) Pyridine	3.552	79	49010	7.607	ng	98
4) n-Nitrosodimethylamine	3.487	42	30413	7.608	ng	91
6) Aniline	6.628	93	73473	9.260	ng	98
8) 2-Chlorophenol	6.751	128	48340	8.733	ng	91
9) Benzaldehyde	6.516	77	45000	9.777	ng	95
10) Phenol	6.593	94	59618	8.496	ng	95
11) bis(2-Chloroethyl)ether	6.698	93	48445	8.577	ng	98
12) 1,3-Dichlorobenzene	6.910	146	56206	8.535	ng	96
13) 1,4-Dichlorobenzene	6.987	146	56733	8.473	ng	95
14) 1,2-Dichlorobenzene	7.140	146	52899	8.487	ng	100
15) Benzyl Alcohol	7.104	79	38331m	7.099	ng	
16) 2,2'-oxybis(1-Chloropr...	7.240	45	93572	8.750	ng	99
17) 2-Methylphenol	7.204	107	39581	8.179	ng	96
18) Hexachloroethane	7.487	117	19670	8.262	ng	94
19) n-Nitroso-di-n-propyla...	7.375	70	37177	8.153	ng	96
20) 3+4-Methylphenols	7.357	107	50625	8.190	ng	92
22) Acetophenone	7.375	105	75772	8.292	ng	97
24) Nitrobenzene	7.551	77	57098	8.714	ng	97
25) Isophorone	7.787	82	104021	8.416	ng	99
26) 2-Nitrophenol	7.869	139	17390	8.379	ng	95
27) 2,4-Dimethylphenol	7.898	122	45002	9.261	ng	95
28) bis(2-Chloroethoxy)met...	7.998	93	61146	8.857	ng	98
29) 2,4-Dichlorophenol	8.104	162	41819	8.036	ng	94
30) 1,2,4-Trichlorobenzene	8.198	180	51669	7.997	ng	97
31) Naphthalene	8.281	128	146924	7.835	ng	99
32) Benzoic acid	7.969	122	32169	11.066	ng	# 88
33) 4-Chloroaniline	8.322	127	62201	8.539	ng	96
34) Hexachlorobutadiene	8.398	225	32035	7.503	ng	96
35) Caprolactam	8.663	113	12489	8.620	ng	92
36) 4-Chloro-3-methylphenol	8.798	107	45322	8.080	ng	99
37) 2-Methylnaphthalene	8.975	142	101033	7.994	ng	100
38) 1-Methylnaphthalene	9.075	142	97901	7.995	ng	96
40) 1,2,4,5-Tetrachloroben...	9.139	216	53614	8.017	ng	98
41) Hexachlorocyclopentadiene	9.128	237	25336	8.758	ng	93
43) 2,4,6-Trichlorophenol	9.245	196	25531	6.421	ng	93

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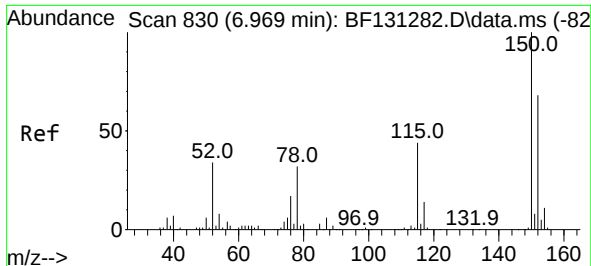
Quant Time: Nov 21 01:34:44 2022
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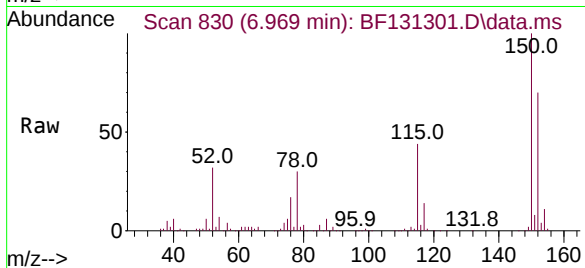
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.281	196	33945	7.836	ng	99
46) 1,1'-Biphenyl	9.439	154	133464	8.457	ng	99
47) 2-Chloronaphthalene	9.463	162	101568	8.016	ng	95
48) 2-Nitroaniline	9.557	65	28981	8.274	ng	97
49) Acenaphthylene	9.881	152	154064	7.959	ng	99
50) Dimethylphthalate	9.734	163	119681	8.087	ng	98
51) 2,6-Dinitrotoluene	9.798	165	20663	8.500	ng	95
52) Acenaphthene	10.057	154	97836	8.101	ng	99
53) 3-Nitroaniline	9.969	138	22228	8.640	ng	90
54) 2,4-Dinitrophenol	10.069	184	8908	10.403	ng	# 79
55) Dibenzofuran	10.228	168	141600	8.085	ng	98
56) 4-Nitrophenol	10.110	139	13906	7.183	ng	91
57) 2,4-Dinitrotoluene	10.198	165	24338	8.280	ng	97
58) Fluorene	10.575	166	111596	8.024	ng	98
59) 2,3,4,6-Tetrachlorophenol	10.339	232	27913	7.607	ng	99
60) Diethylphthalate	10.439	149	111634	7.907	ng	99
61) 4-Chlorophenyl-phenyle...	10.569	204	58525	8.301	ng	93
62) 4-Nitroaniline	10.581	138	20870	7.985	ng	89
63) Azobenzene	10.728	77	114720	7.823	ng	97
65) 4,6-Dinitro-2-methylph...	10.604	198	10743	8.288	ng	79
66) n-Nitrosodiphenylamine	10.681	169	97585	8.099	ng	95
67) 4-Bromophenyl-phenylether	11.057	248	35971	8.017	ng	98
68) Hexachlorobenzene	11.122	284	39702	8.156	ng	96
69) Atrazine	11.204	200	32685	8.503	ng	100
70) Pentachlorophenol	11.310	266	26686	10.261	ng	92
71) Phenanthrene	11.545	178	165175	7.989	ng	98
72) Anthracene	11.592	178	167354	8.277	ng	99
73) Carbazole	11.745	167	138908	8.173	ng	99
74) Di-n-butylphthalate	12.080	149	172174	8.389	ng	98
75) Fluoranthene	12.739	202	171868	8.010	ng	98
77) Benzidine	12.863	184	72059	12.994	ng	# 95
78) Pyrene	12.969	202	173152	7.340	ng	99
80) Butylbenzylphthalate	13.592	149	51957	7.281	ng	94
81) Benzo(a)anthracene	14.163	228	132789	7.682	ng	98
82) 3,3'-Dichlorobenzidine	14.127	252	38772	8.449	ng	97
83) Chrysene	14.198	228	124861	7.553	ng	99
84) Bis(2-ethylhexyl)phtha...	14.151	149	66788	8.041	ng	100
85) Di-n-octyl phthalate	14.780	149	77721	6.592	ng	100
87) Indeno(1,2,3-cd)pyrene	17.292	276	85127	6.338	ng	97
88) Benzo(b)fluoranthene	15.251	252	93518	7.846	ng	99
89) Benzo(k)fluoranthene	15.286	252	96802	7.946	ng	97
90) Benzo(a)pyrene	15.645	252	76348	7.802	ng	97
91) Dibenzo(a,h)anthracene	17.315	278	72143	6.527	ng	99
92) Benzo(g,h,i)perylene	17.768	276	72556	6.493	ng	99

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



#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.969 min Scan# 81
 Delta R.T. -0.000 min
 Lab File: BF131301.D
 Acq: 18 Nov 2022 17:06

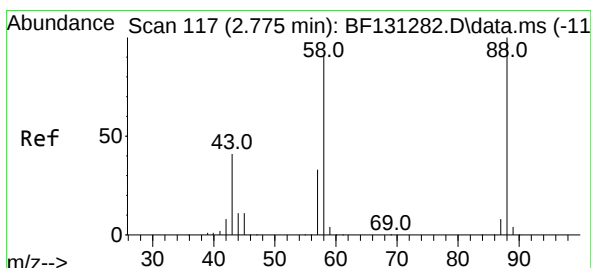
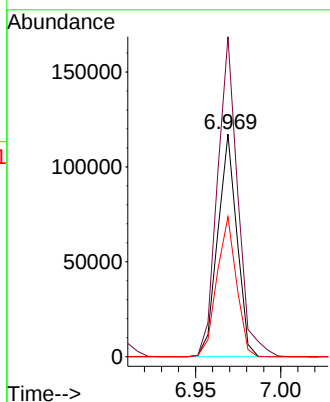
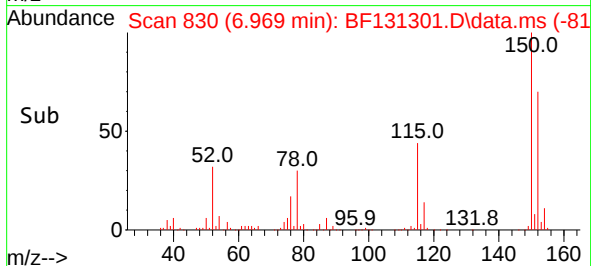
Instrument :
 BNA_F
 ClientSampleId :
 LOQ-WATER-02-QT4-2022



Tgt Ion:152 Resp: 91534
 Ion Ratio Lower Upper
 152 100
 150 143.8 117.8 176.6
 115 62.9 52.2 78.4

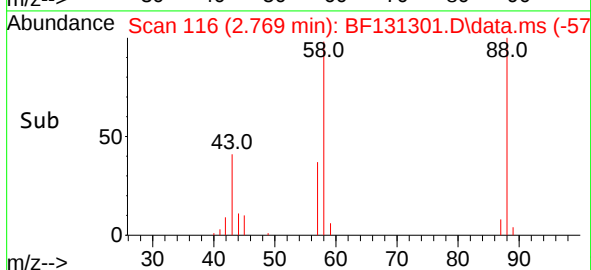
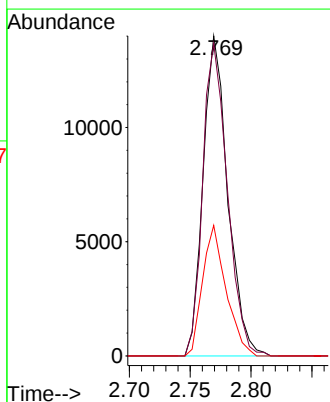
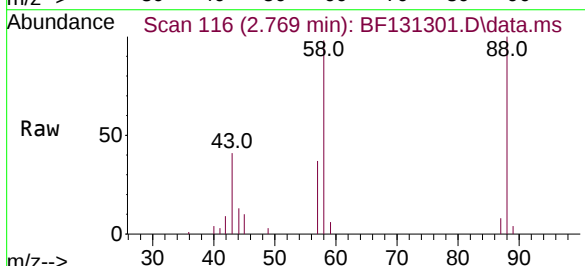
Manual Integrations
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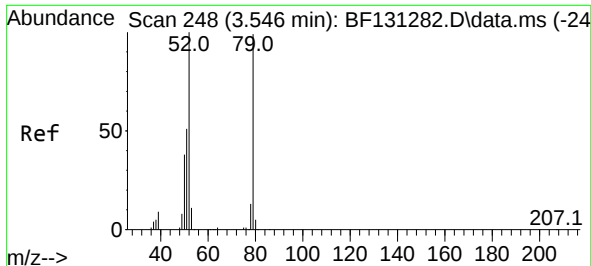
Reviewed By :Christian Giraldo 11/21/2022
 Supervised By :Jagrut Upadhyay 11/21/2022



#2
 1,4-Dioxane
 Concen: 8.545 ng
 RT: 2.769 min Scan# 116
 Delta R.T. -0.006 min
 Lab File: BF131301.D
 Acq: 18 Nov 2022 17:06

Tgt Ion: 88 Resp: 19757
 Ion Ratio Lower Upper
 88 100
 58 97.3 76.0 114.0
 43 38.8 32.4 48.6





#3

Pyridine

Concen: 7.607 ng

RT: 3.552 min Scan# 24

Delta R.T. 0.006 min

Lab File: BF131301.D

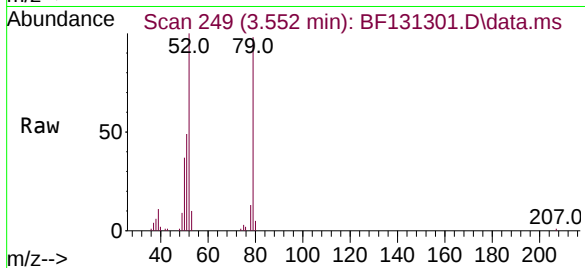
Acq: 18 Nov 2022 17:06

Instrument :

BNA_F

ClientSampleId :

LOQ-WATER-02-QT4-2022



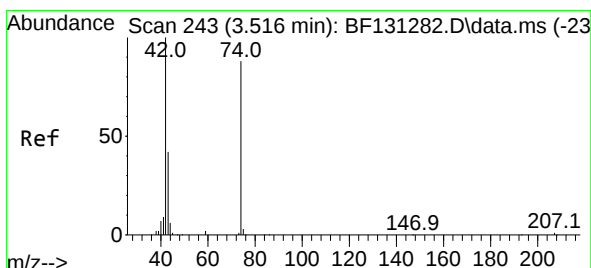
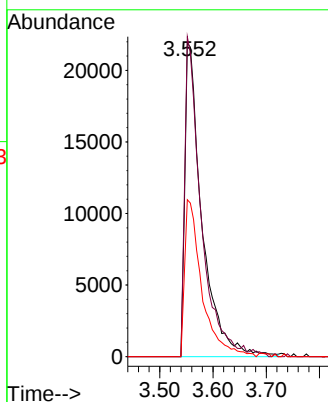
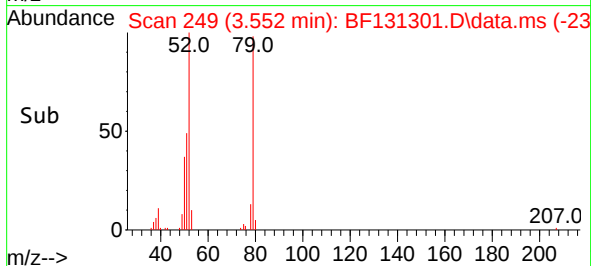
Tgt Ion:	79	Resp:	49010
Ion Ratio	Lower	Upper	
79	100		
52	102.1	80.7	121.1
51	50.1	41.6	62.4

Manual Integrations

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Supervised By :Jagrut Upadhyay 11/21/2022



#4

n-Nitrosodimethylamine

Concen: 7.608 ng

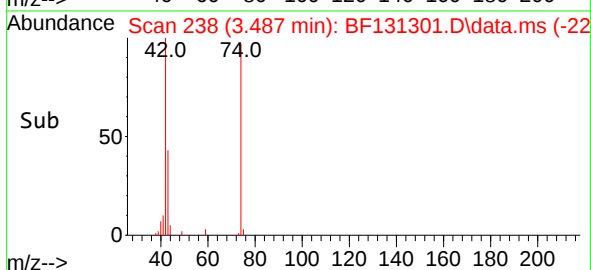
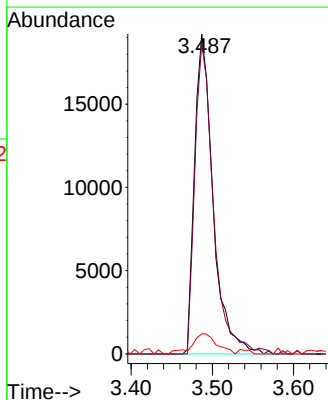
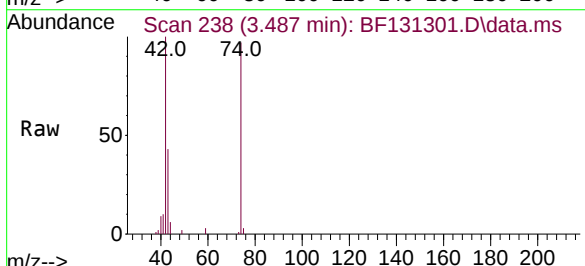
RT: 3.487 min Scan# 238

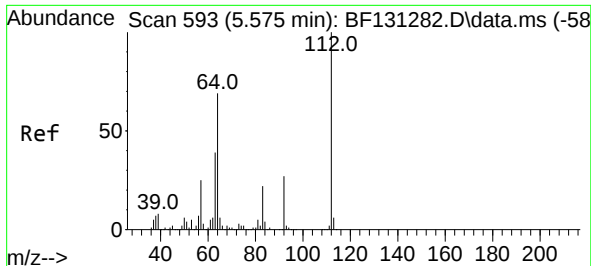
Delta R.T. -0.029 min

Lab File: BF131301.D

Acq: 18 Nov 2022 17:06

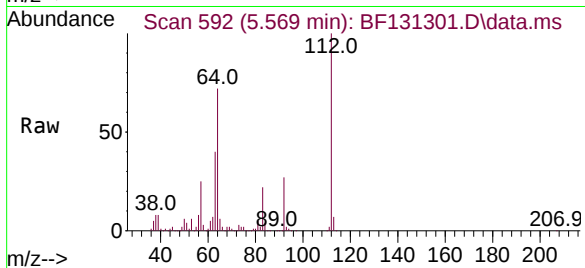
Tgt Ion:	42	Resp:	30413
Ion Ratio	Lower	Upper	
42	100		
74	97.0	70.3	105.5
44	6.3	5.4	8.2





#5
2-Fluorophenol
Concen: 86.114 ng
RT: 5.569 min Scan# 593
Delta R.T. -0.006 min
Lab File: BF131301.D
Acq: 18 Nov 2022 17:06

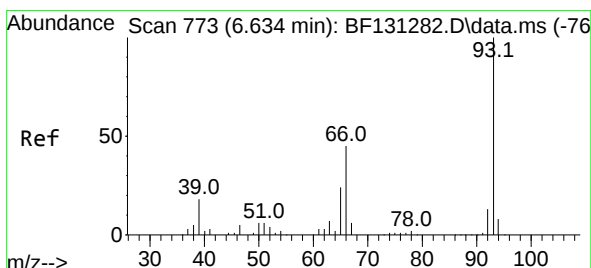
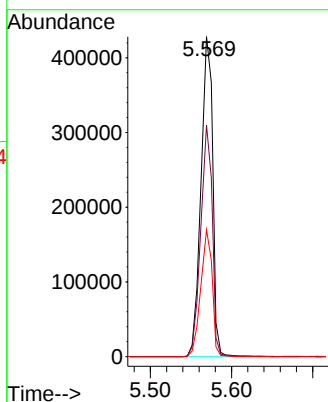
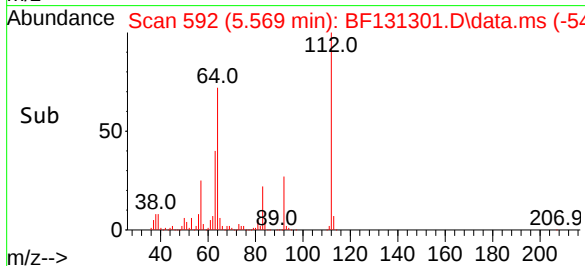
Instrument :
BNA_F
ClientSampleId :
LOQ-WATER-02-QT4-2022



Tgt Ion:112 Resp: 430652
Ion Ratio Lower Upper
112 100
64 72.4 55.5 83.3
63 39.6 31.0 46.6

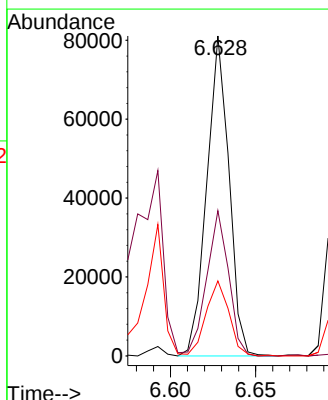
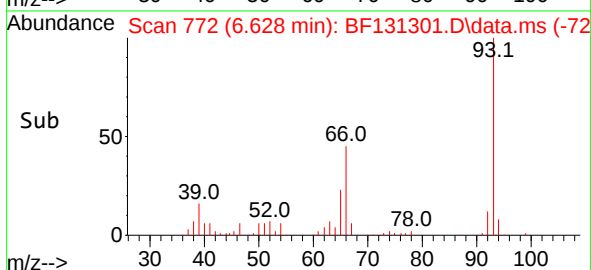
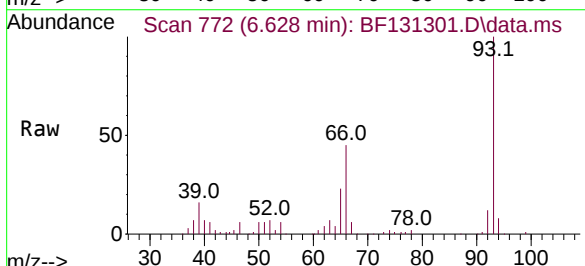
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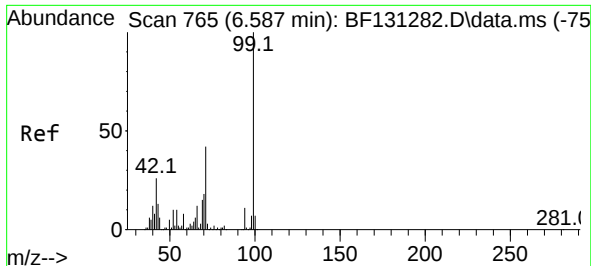
Reviewed By :Christian Giraldo 11/21/2022
Supervised By :Jagrut Upadhyay 11/21/2022



#6
Aniline
Concen: 9.260 ng
RT: 6.628 min Scan# 772
Delta R.T. -0.006 min
Lab File: BF131301.D
Acq: 18 Nov 2022 17:06

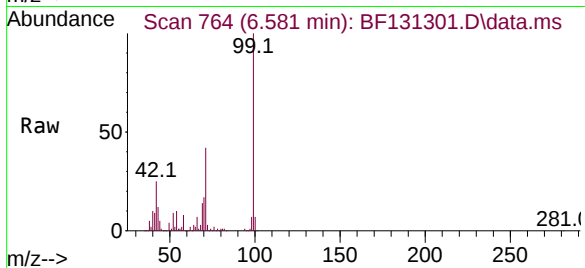
Tgt Ion: 93 Resp: 73473
Ion Ratio Lower Upper
93 100
66 45.4 37.7 56.5
65 23.4 19.5 29.3





#7
Phenol-d6
Concen: 85.792 ng
RT: 6.581 min Scan# 764
Delta R.T. -0.006 min
Lab File: BF131301.D
Acq: 18 Nov 2022 17:06

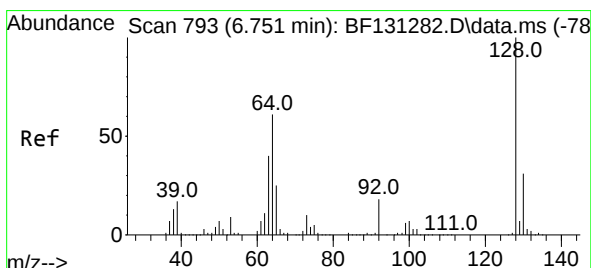
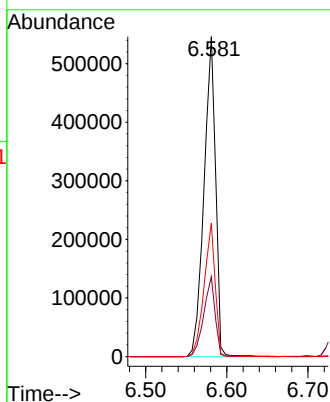
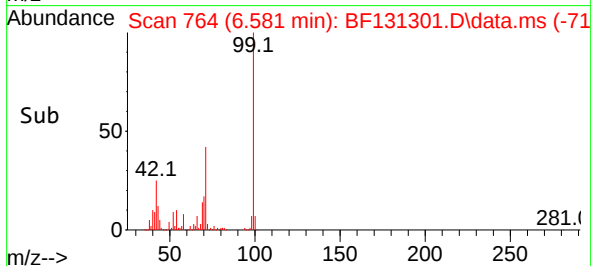
Instrument :
BNA_F
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LOQ-WATER-02-QT4-2022



Tgt Ion: 99 Resp: 543905
Ion Ratio Lower Upper
99 100
42 25.0 21.2 31.8
71 41.7 33.8 50.6

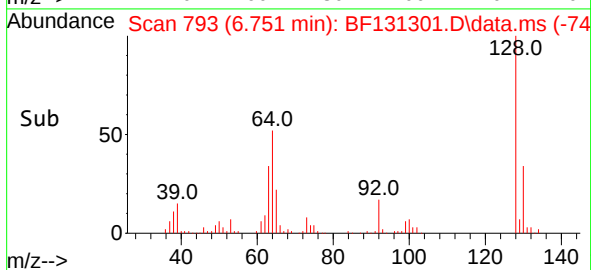
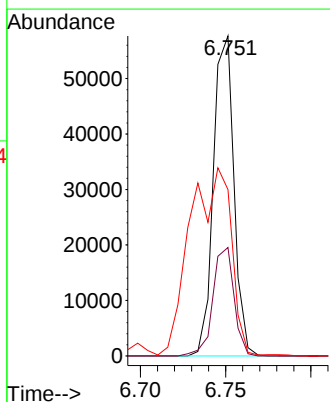
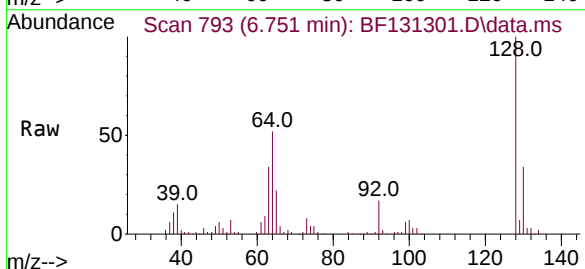
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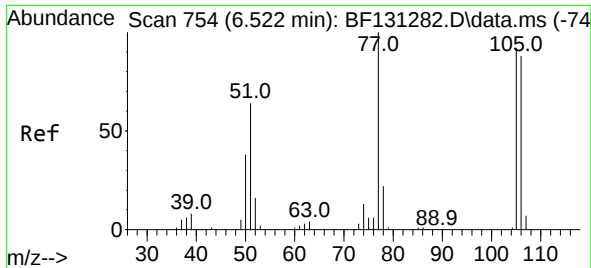
Reviewed By :Christian Giraldo 11/21/2022
Supervised By :Jagrut Upadhyay 11/21/2022



#8
2-Chlorophenol
Concen: 8.733 ng
RT: 6.751 min Scan# 793
Delta R.T. 0.000 min
Lab File: BF131301.D
Acq: 18 Nov 2022 17:06

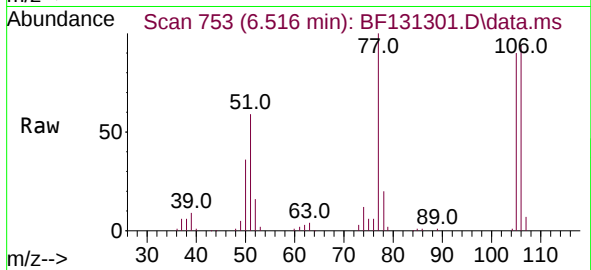
Tgt Ion:128 Resp: 48340
Ion Ratio Lower Upper
128 100
130 33.9 11.4 51.4
64 52.0 40.9 80.9





#9
Benzaldehyde
Concen: 9.777 ng
RT: 6.516 min Scan# 753
Delta R.T. -0.006 min
Lab File: BF131301.D
Acq: 18 Nov 2022 17:06

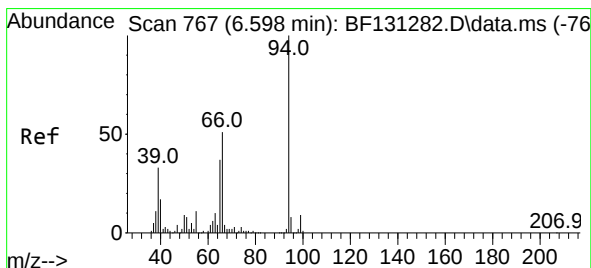
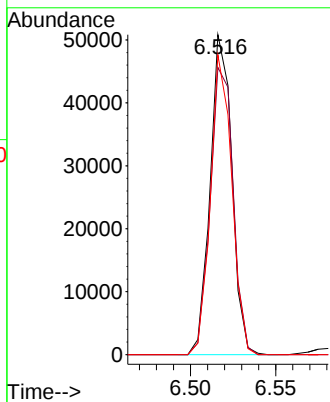
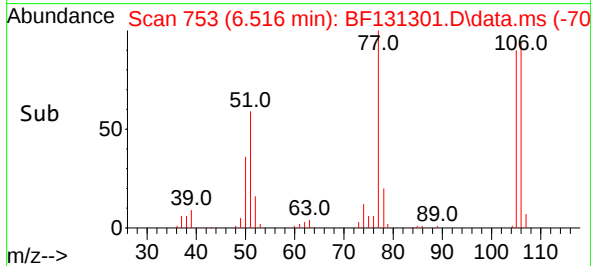
Instrument : BNA_F
ClientSampleId :
LOQ-WATER-02-QT4-2022



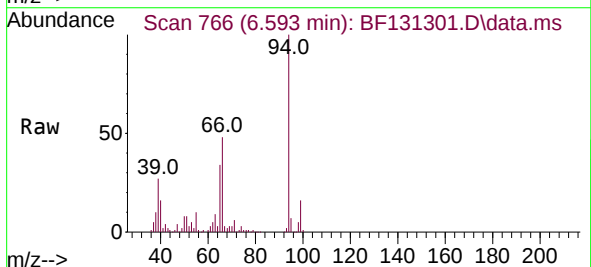
Tgt Ion: 77 Resp: 45000
Ion Ratio Lower Upper
77 100
105 89.7 72.5 112.5
106 93.6 67.7 107.7

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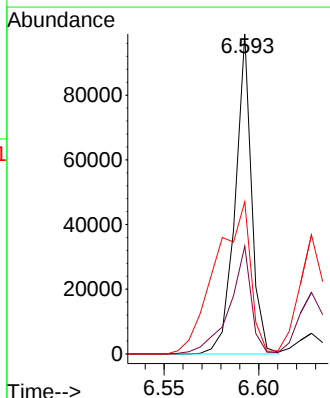
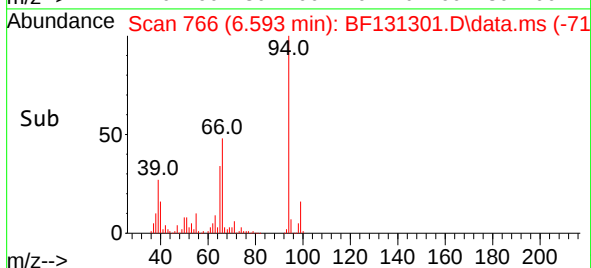
Reviewed By :Christian Giraldo 11/21/2022
Supervised By :Jagrut Upadhyay 11/21/2022

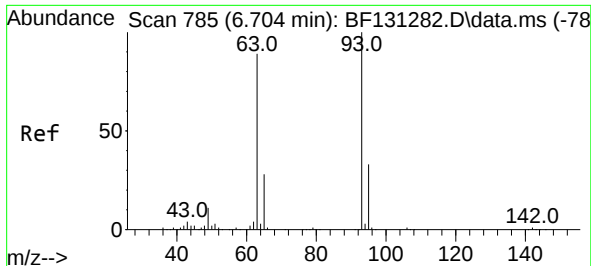


#10
Phenol
Concen: 8.496 ng
RT: 6.593 min Scan# 766
Delta R.T. -0.006 min
Lab File: BF131301.D
Acq: 18 Nov 2022 17:06



Tgt Ion: 94 Resp: 59618
Ion Ratio Lower Upper
94 100
65 33.7 16.8 56.8
66 47.5 31.4 71.4





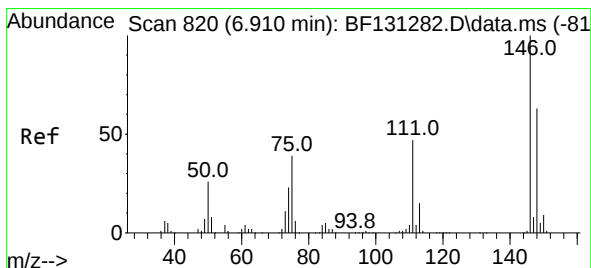
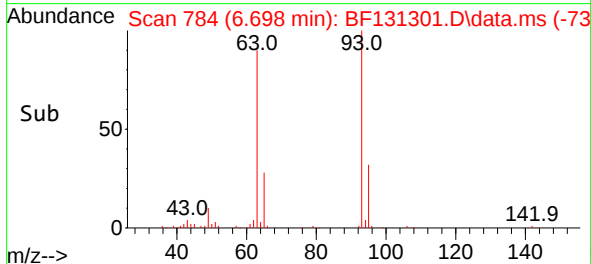
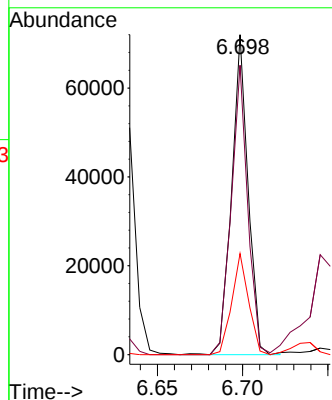
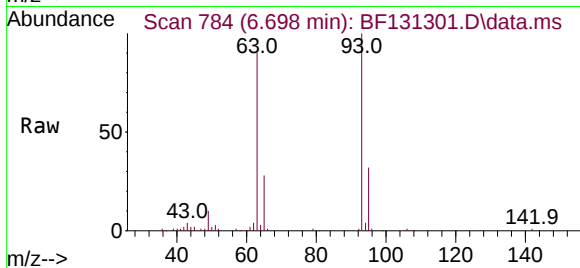
#11
bis(2-Chloroethyl)ether
Concen: 8.577 ng
RT: 6.698 min Scan# 785
Delta R.T. -0.006 min
Lab File: BF131301.D
Acq: 18 Nov 2022 17:06

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

Tgt Ion: 93 Resp: 48445
Ion Ratio Lower Upper
93 100
63 90.4 68.8 108.8
95 31.6 12.4 52.4

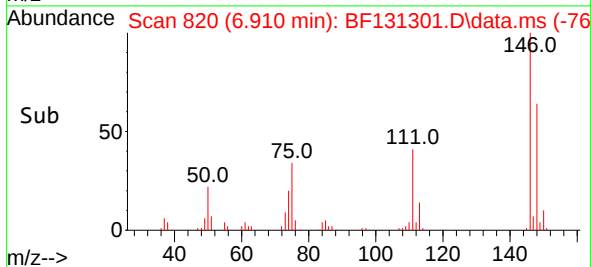
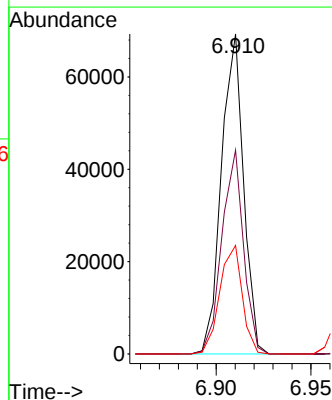
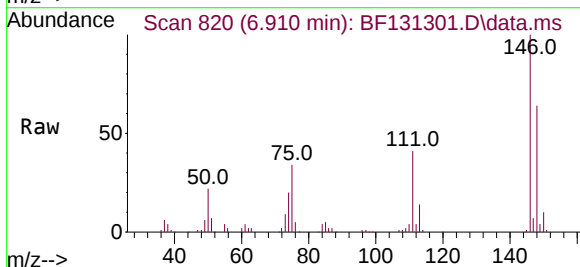
Manual Integrations
APPROVED

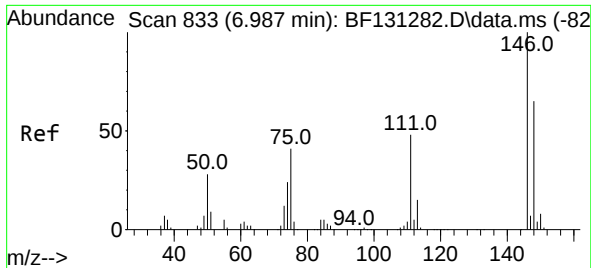
Reviewed By :Christian Giraldo 11/21/2022
Supervised By :Jagrut Upadhyay 11/21/2022



#12
1,3-Dichlorobenzene
Concen: 8.535 ng
RT: 6.910 min Scan# 820
Delta R.T. 0.000 min
Lab File: BF131301.D
Acq: 18 Nov 2022 17:06

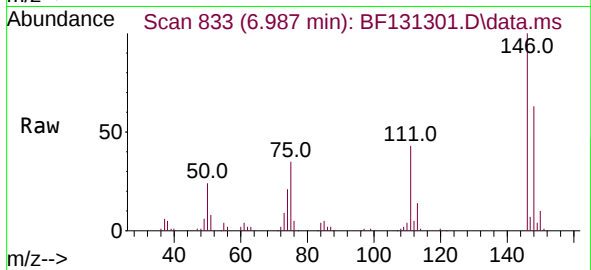
Tgt Ion:146 Resp: 56206
Ion Ratio Lower Upper
146 100
148 63.7 50.4 75.6
75 33.9 30.9 46.3





#13
1,4-Dichlorobenzene
Concen: 8.473 ng
RT: 6.987 min Scan# 841
Delta R.T. 0.000 min
Lab File: BF131301.D
Acq: 18 Nov 2022 17:06

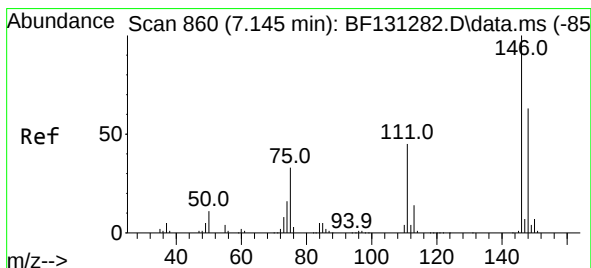
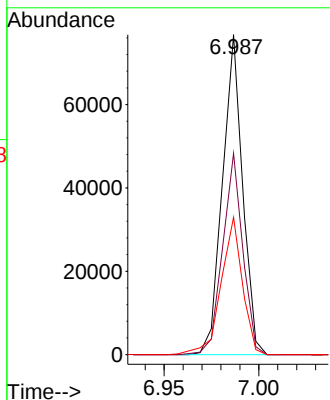
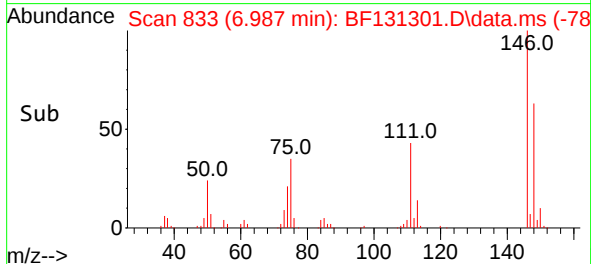
Instrument :
BNA_F
ClientSampleId :
LOQ-WATER-02-QT4-2022



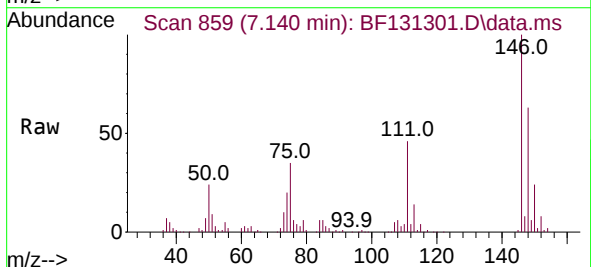
Tgt Ion:146 Resp: 56733
Ion Ratio Lower Upper
146 100
148 63.0 51.9 77.9
111 42.9 38.3 57.5

Manual Integrations
APPROVED

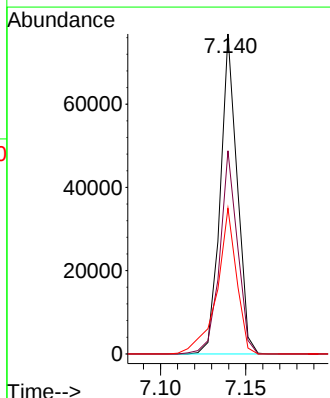
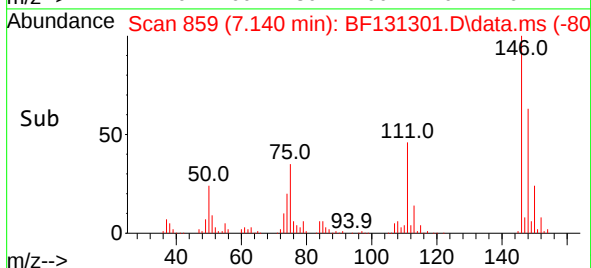
Reviewed By :Christian Giraldo 11/21/2022
Supervised By :Jagrut Upadhyay 11/21/2022

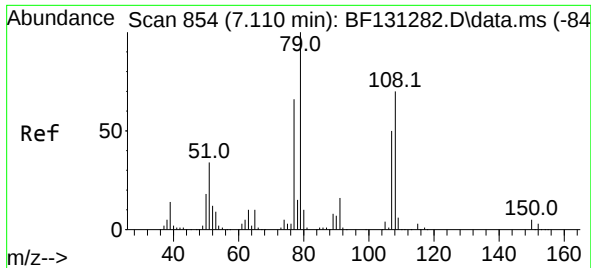


#14
1,2-Dichlorobenzene
Concen: 8.487 ng
RT: 7.140 min Scan# 859
Delta R.T. -0.006 min
Lab File: BF131301.D
Acq: 18 Nov 2022 17:06



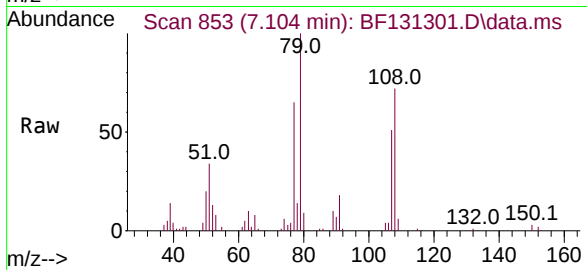
Tgt Ion:146 Resp: 52899
Ion Ratio Lower Upper
146 100
148 63.5 50.6 75.8
111 45.5 36.4 54.6





#15
Benzyl Alcohol
Concen: 7.099 ng m
RT: 7.104 min Scan# 854
Delta R.T. -0.006 min
Lab File: BF131301.D
Acq: 18 Nov 2022 17:06

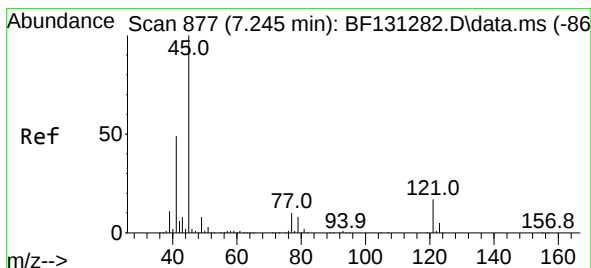
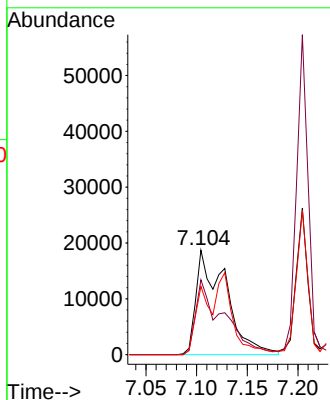
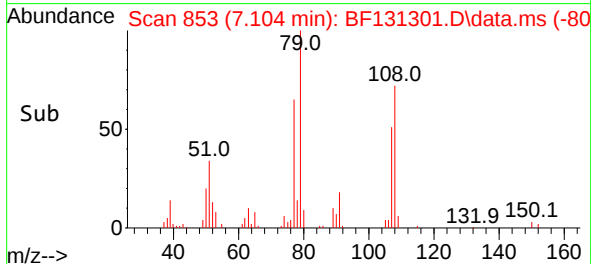
Instrument :
BNA_F
ClientSampleId :
LOQ-WATER-02-QT4-2022



Tgt Ion: 79 Resp: 3833
Ion Ratio Lower Upper
79 100
108 71.6 56.3 84.5
77 65.3 52.5 78.7

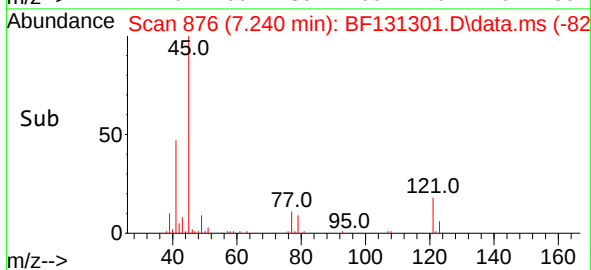
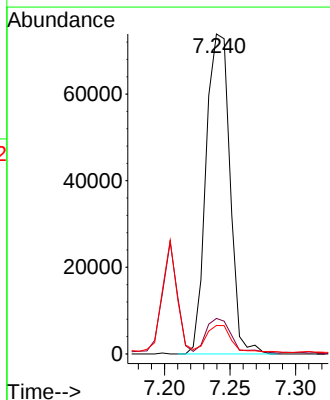
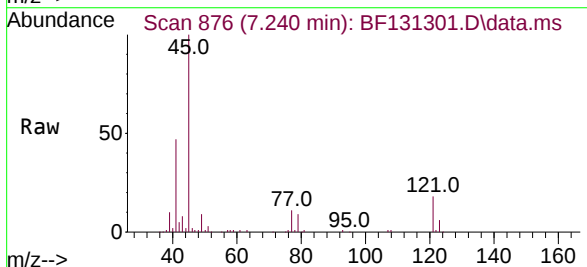
Manual Integrations
APPROVED

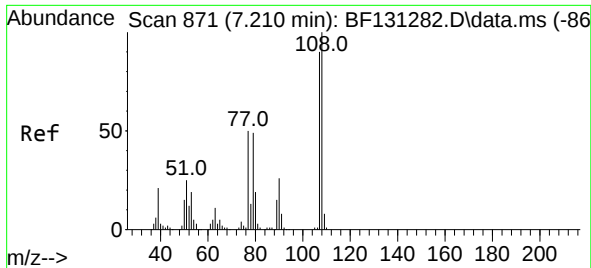
Reviewed By :Christian Giraldo 11/21/2022
Supervised By :Jagrut Upadhyay 11/21/2022



#16
2,2'-oxybis(1-Chloropropane)
Concen: 8.750 ng
RT: 7.240 min Scan# 876
Delta R.T. -0.006 min
Lab File: BF131301.D
Acq: 18 Nov 2022 17:06

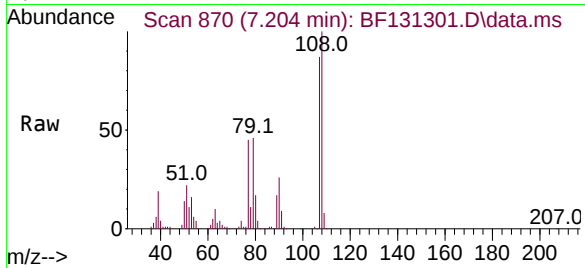
Tgt Ion: 45 Resp: 93572
Ion Ratio Lower Upper
45 100
77 11.1 0.0 30.8
79 8.9 0.0 28.4





#17
2-Methylphenol
Concen: 8.179 ng
RT: 7.204 min Scan# 81
Delta R.T. -0.006 min
Lab File: BF131301.D
Acq: 18 Nov 2022 17:06

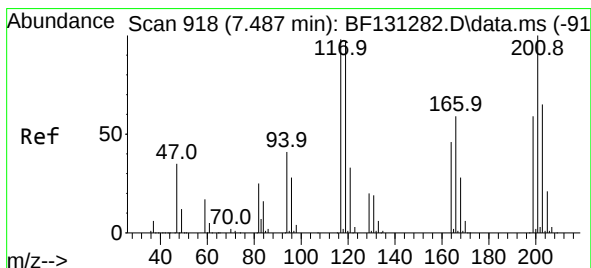
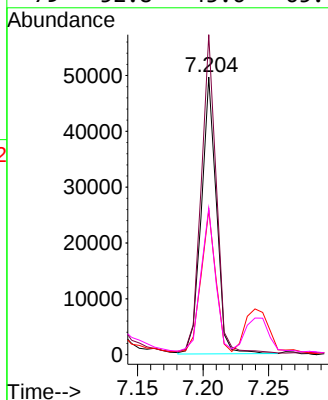
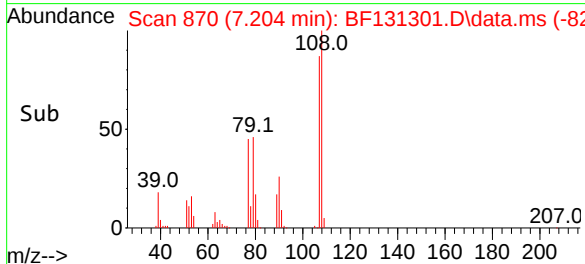
Instrument :
BNA_F
ClientSampleId :
LOQ-WATER-02-QT4-2022



Tgt Ion:107 Resp: 3958
Ion Ratio Lower Upper
107 100
108 115.3 89.2 133.8
77 52.0 45.0 67.4
79 52.8 43.6 65.4

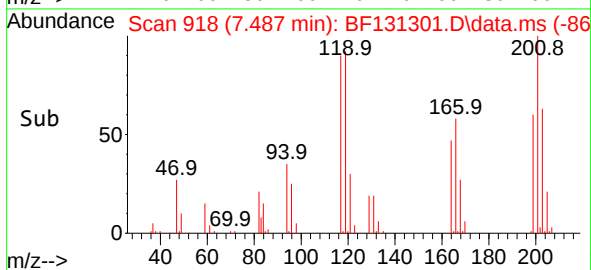
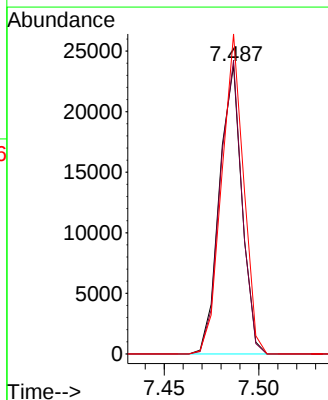
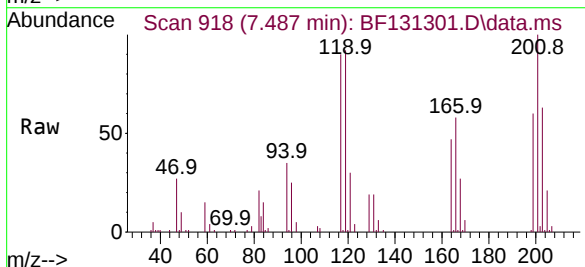
Manual Integrations
APPROVED

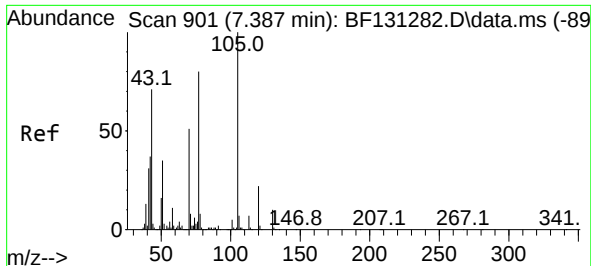
Reviewed By :Christian Giraldo 11/21/2022
Supervised By :Jagrut Upadhyay 11/21/2022



#18
Hexachloroethane
Concen: 8.262 ng
RT: 7.487 min Scan# 918
Delta R.T. 0.000 min
Lab File: BF131301.D
Acq: 18 Nov 2022 17:06

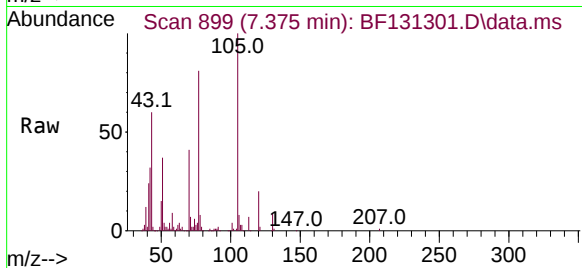
Tgt Ion:117 Resp: 19670
Ion Ratio Lower Upper
117 100
119 101.8 79.0 118.4
201 110.9 81.7 122.5





#19
n-Nitroso-di-n-propylamine
Concen: 8.153 ng
RT: 7.375 min Scan# 89
Delta R.T. -0.012 min
Lab File: BF131301.D
Acq: 18 Nov 2022 17:06

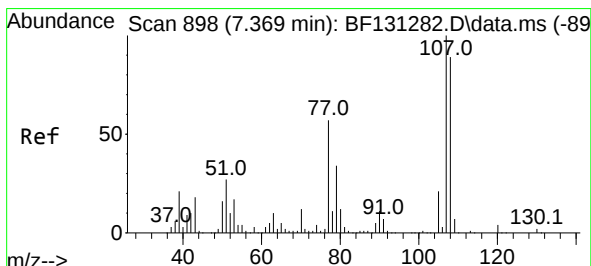
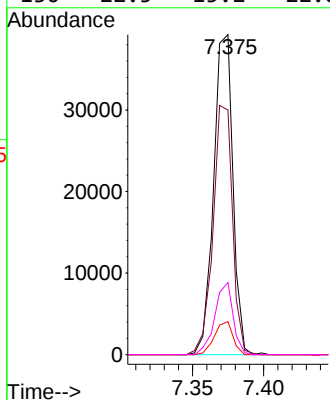
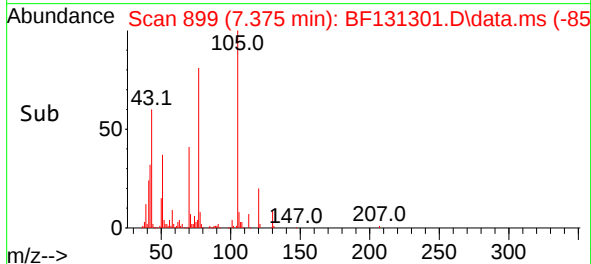
Instrument :
BNA_F
ClientSampleId :
LOQ-WATER-02-QT4-2022



Tgt Ion: 70 Resp: 3717
Ion Ratio Lower Upper
70 100
42 76.4 58.9 88.3
101 10.3 7.2 10.8
130 22.5 15.2 22.8

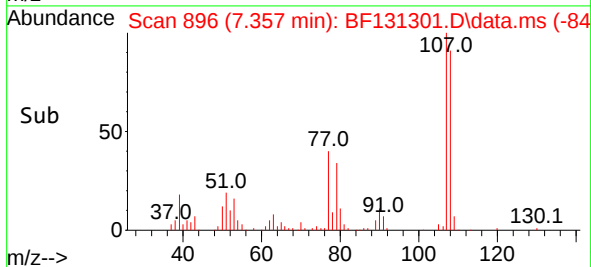
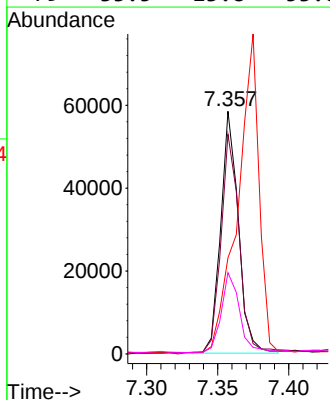
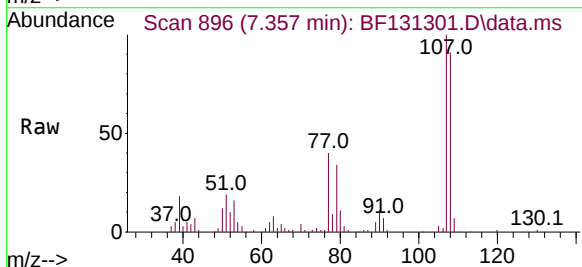
Manual Integrations
APPROVED

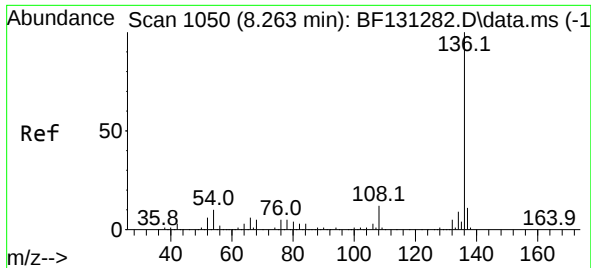
Reviewed By :Christian Giraldo 11/21/2022
Supervised By :Jagrut Upadhyay 11/21/2022



#20
3+4-Methylphenols
Concen: 8.190 ng
RT: 7.357 min Scan# 896
Delta R.T. -0.012 min
Lab File: BF131301.D
Acq: 18 Nov 2022 17:06

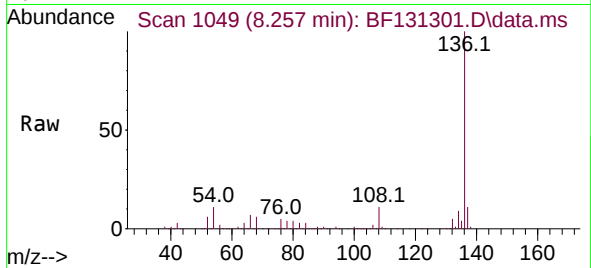
Tgt Ion:107 Resp: 50625
Ion Ratio Lower Upper
107 100
108 90.5 69.0 109.0
77 39.6 36.9 76.9
79 33.5 13.8 53.8





#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.257 min Scan# 1050
Delta R.T. -0.006 min
Lab File: BF131301.D
Acq: 18 Nov 2022 17:06

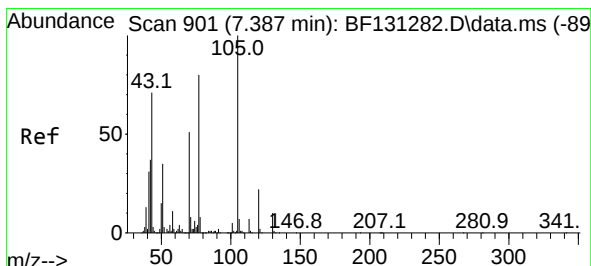
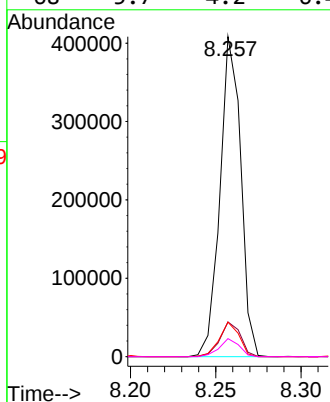
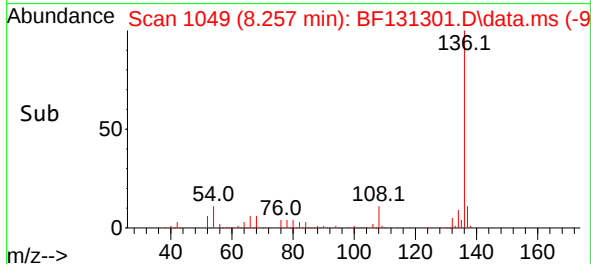
Instrument :
BNA_F
ClientSampleId :
LOQ-WATER-02-QT4-2022



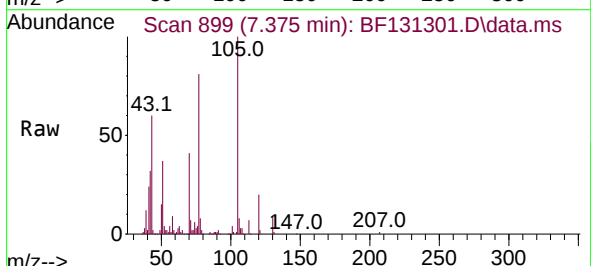
Tgt Ion:136 Resp: 345809
Ion Ratio Lower Upper
136 100
137 10.8 8.6 12.8
54 10.8 8.2 12.2
68 5.7 4.2 6.4

Manual Integrations
APPROVED

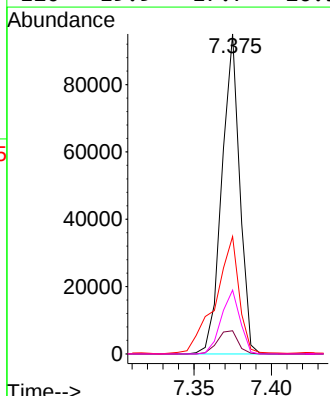
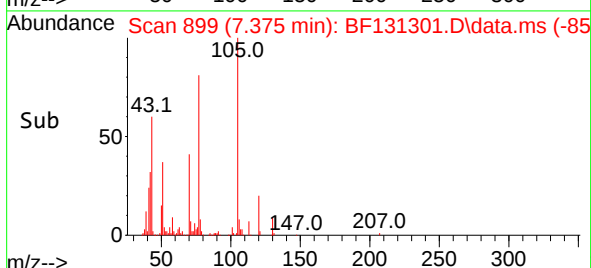
Reviewed By :Christian Giraldo 11/21/2022
Supervised By :Jagrut Upadhyay 11/21/2022

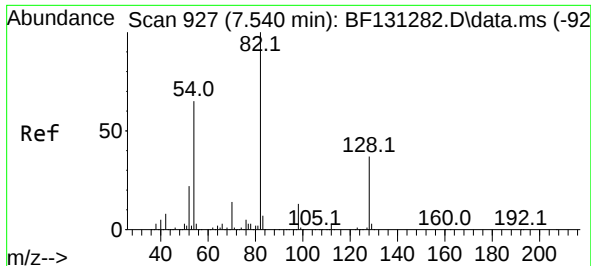


#22
Acetophenone
Concen: 8.292 ng
RT: 7.375 min Scan# 899
Delta R.T. -0.012 min
Lab File: BF131301.D
Acq: 18 Nov 2022 17:06



Tgt Ion:105 Resp: 75772
Ion Ratio Lower Upper
105 100
71 7.2 6.4 9.6
51 36.7 28.0 42.0
120 19.9 17.7 26.5





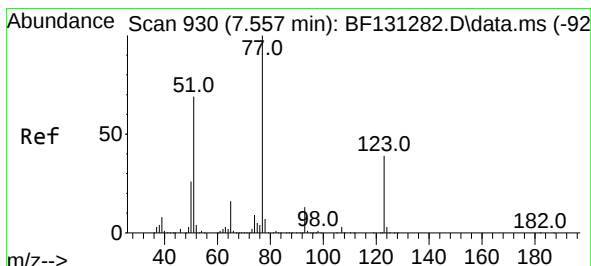
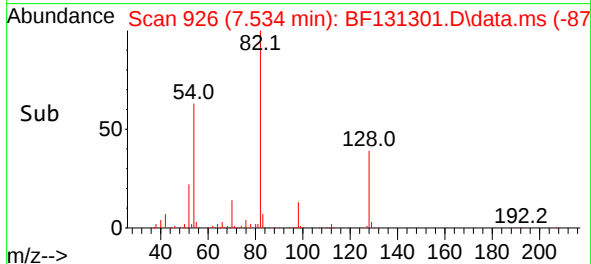
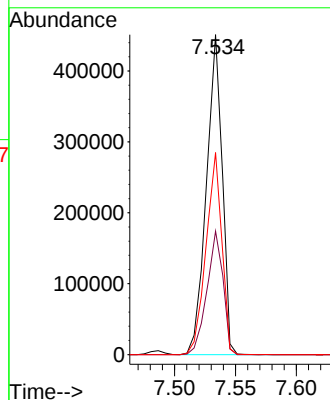
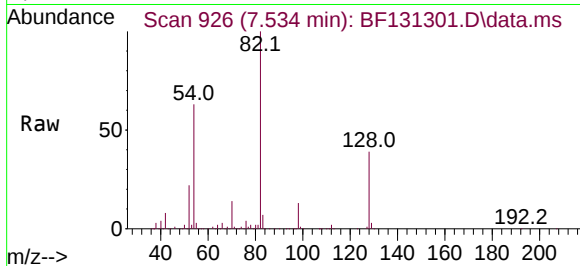
#23
Nitrobenzene-d5
Concen: 63.141 ng
RT: 7.534 min Scan# 91
Delta R.T. -0.006 min
Lab File: BF131301.D
Acq: 18 Nov 2022 17:06

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

Tgt Ion: 82 Resp: 40875
Ion Ratio Lower Upper
82 100
128 38.6 29.2 43.8
54 63.1 52.2 78.4

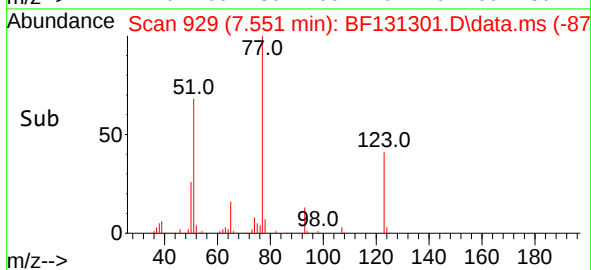
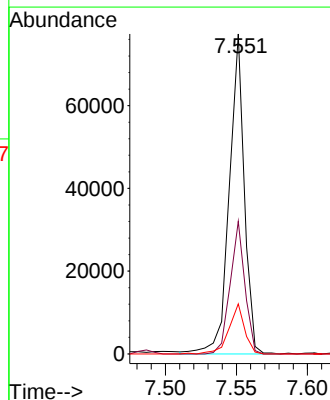
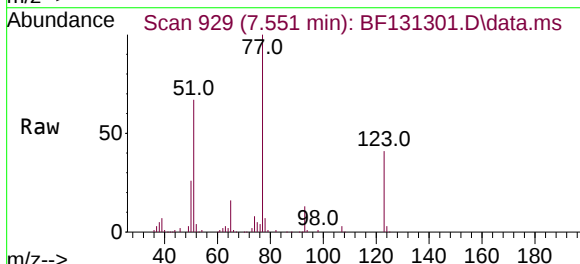
Manual Integrations
APPROVED

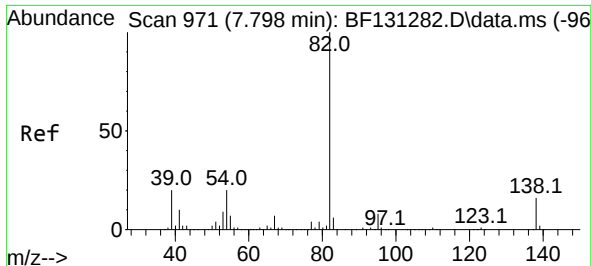
Reviewed By :Christian Giraldo 11/21/2022
Supervised By :Jagrut Upadhyay 11/21/2022



#24
Nitrobenzene
Concen: 8.714 ng
RT: 7.551 min Scan# 929
Delta R.T. -0.006 min
Lab File: BF131301.D
Acq: 18 Nov 2022 17:06

Tgt Ion: 77 Resp: 57098
Ion Ratio Lower Upper
77 100
123 41.4 31.0 46.6
65 15.6 12.6 19.0





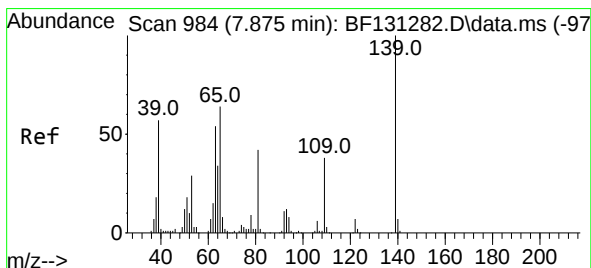
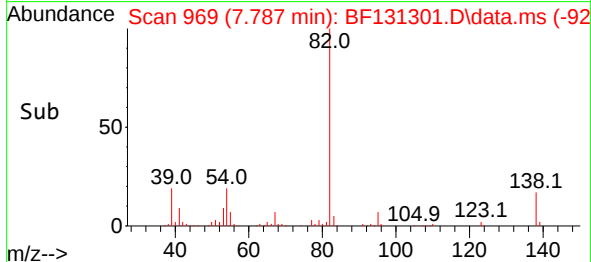
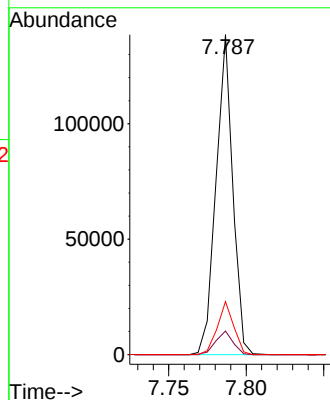
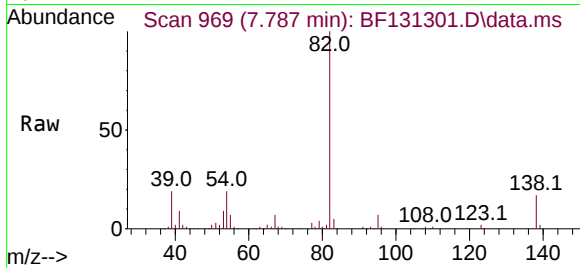
#25
Isophorone
Concen: 8.416 ng
RT: 7.787 min Scan# 90
Delta R.T. -0.011 min
Lab File: BF131301.D
Acq: 18 Nov 2022 17:06

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

Tgt Ion: 82 Resp: 104021
Ion Ratio Lower Upper
82 100
95 7.4 6.6 9.8
138 16.6 13.0 19.6

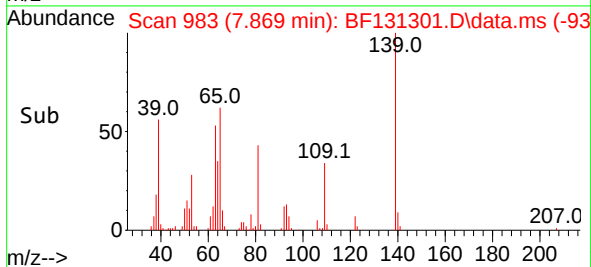
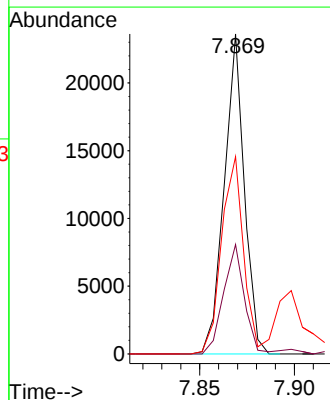
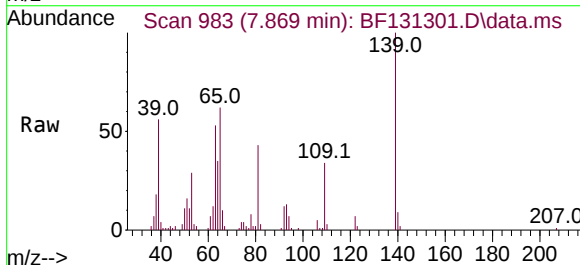
Manual Integrations
APPROVED

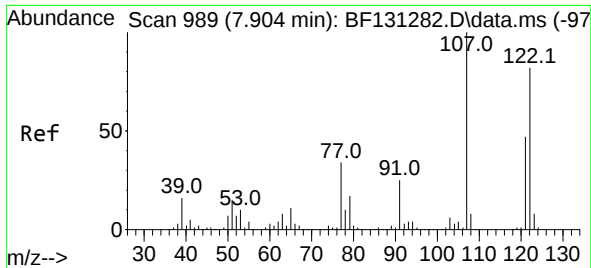
Reviewed By :Christian Giraldo 11/21/2022
Supervised By :Jagrut Upadhyay 11/21/2022



#26
2-Nitrophenol
Concen: 8.379 ng
RT: 7.869 min Scan# 983
Delta R.T. -0.006 min
Lab File: BF131301.D
Acq: 18 Nov 2022 17:06

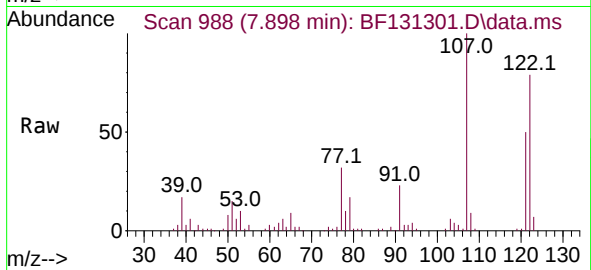
Tgt Ion:139 Resp: 17390
Ion Ratio Lower Upper
139 100
109 34.2 30.4 45.6
65 61.6 51.5 77.3





#27
2,4-Dimethylphenol
Concen: 9.261 ng
RT: 7.898 min Scan# 98
Delta R.T. -0.006 min
Lab File: BF131301.D
Acq: 18 Nov 2022 17:06

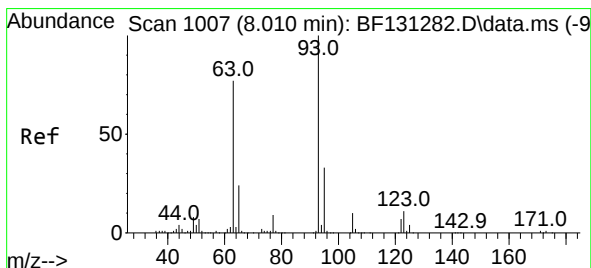
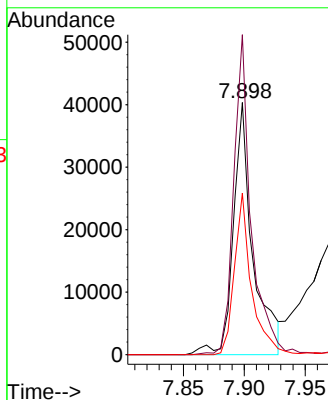
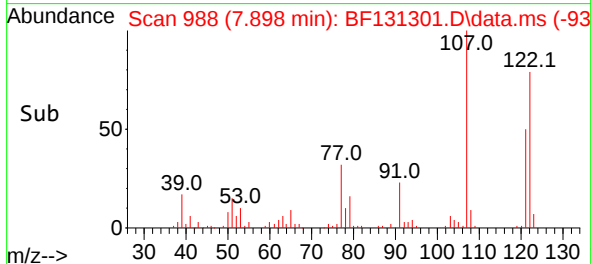
Instrument :
BNA_F
ClientSampleId :
LOQ-WATER-02-QT4-2022



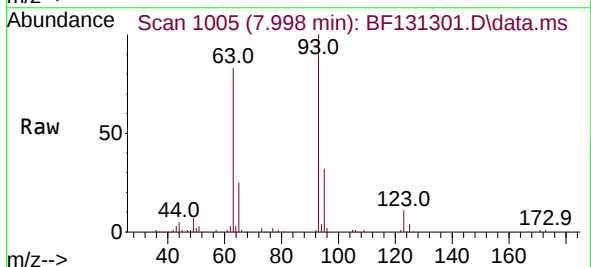
Tgt Ion:122 Resp: 45002
Ion Ratio Lower Upper
122 100
107 126.9 98.2 147.2
121 64.1 46.3 69.5

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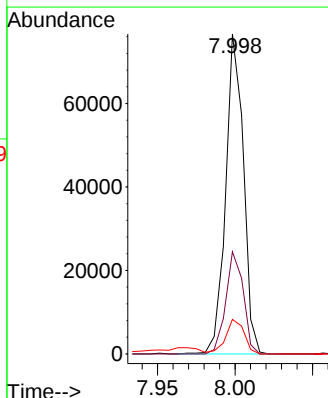
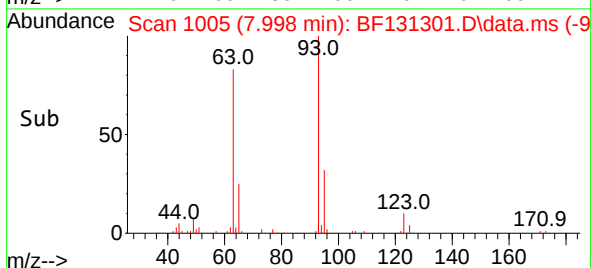
Reviewed By :Christian Giraldo 11/21/2022
Supervised By :Jagrut Upadhyay 11/21/2022

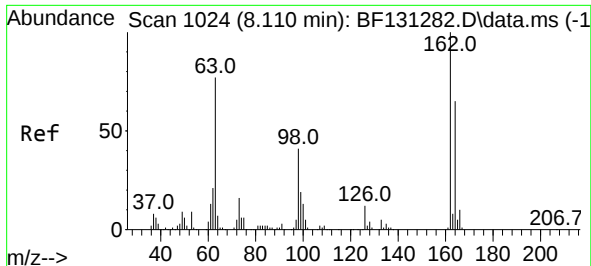


#28
bis(2-Chloroethoxy)methane
Concen: 8.857 ng
RT: 7.998 min Scan# 1005
Delta R.T. -0.012 min
Lab File: BF131301.D
Acq: 18 Nov 2022 17:06



Tgt Ion: 93 Resp: 61146
Ion Ratio Lower Upper
93 100
95 31.9 26.4 39.6
123 10.8 9.3 13.9





#29

2,4-Dichlorophenol

Concen: 8.036 ng

RT: 8.104 min Scan# 1023

Delta R.T. -0.006 min

Lab File: BF131301.D

Acq: 18 Nov 2022 17:06

Instrument :

BNA_F

ClientSampleId :

LOQ-WATER-02-QT4-2022

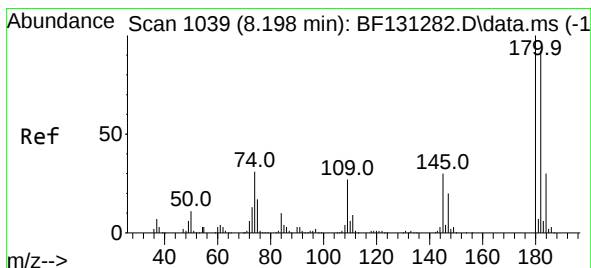
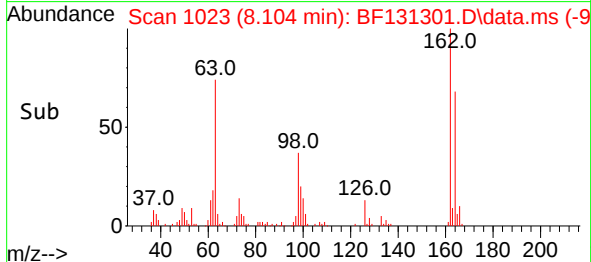
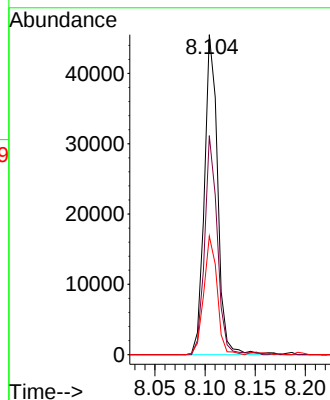
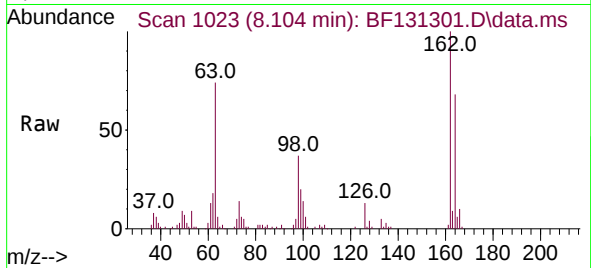
Tgt Ion:162	Resp:	41819
Ion Ratio	Lower	Upper
162	100	
164	68.4	44.7 84.7
98	37.0	21.5 61.5

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 11/21/2022

Supervised By :Jagrut Upadhyay 11/21/2022



#30

1,2,4-Trichlorobenzene

Concen: 7.997 ng

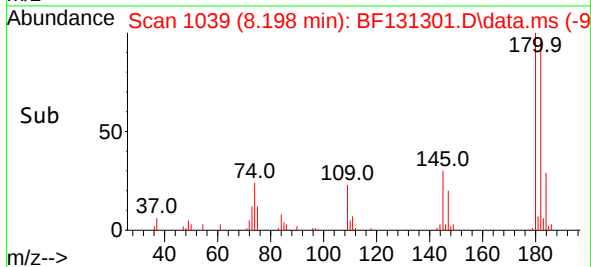
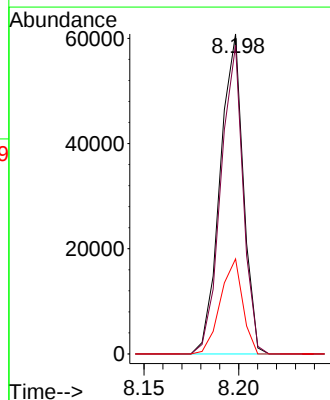
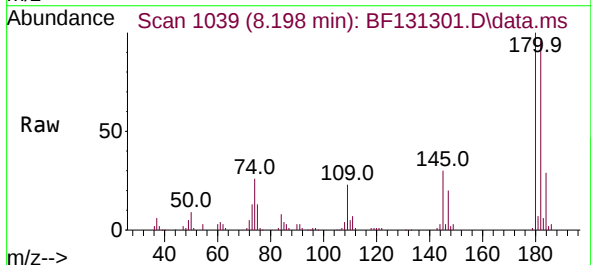
RT: 8.198 min Scan# 1039

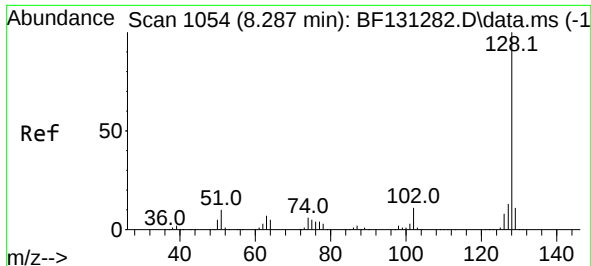
Delta R.T. 0.000 min

Lab File: BF131301.D

Acq: 18 Nov 2022 17:06

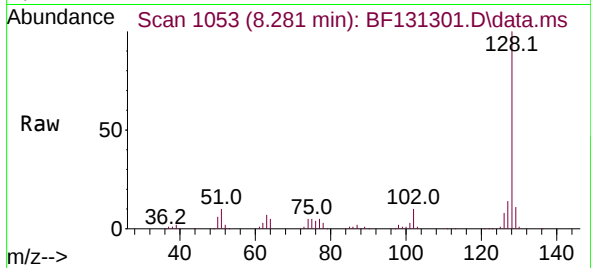
Tgt Ion:180	Resp:	51669
Ion Ratio	Lower	Upper
180	100	
182	96.4	74.0 111.0
145	29.7	23.8 35.6





#31
Naphthalene
Concen: 7.835 ng
RT: 8.281 min Scan# 1053
Delta R.T. -0.006 min
Lab File: BF131301.D
Acq: 18 Nov 2022 17:06

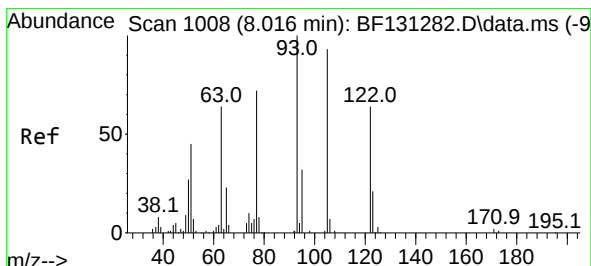
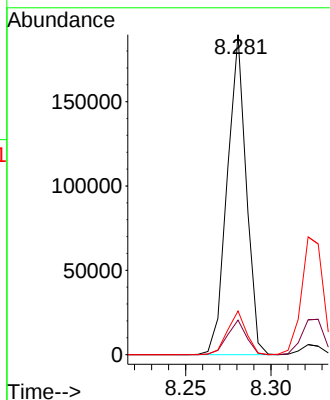
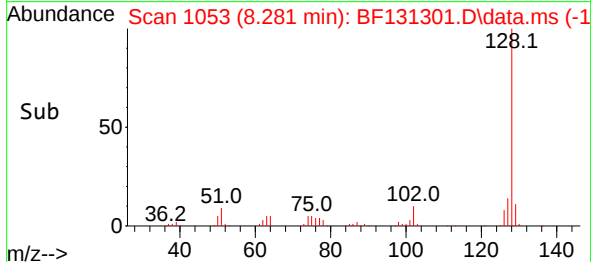
Instrument :
BNA_F
ClientSampleId :
LOQ-WATER-02-QT4-2022



Tgt Ion:128 Resp: 146924
Ion Ratio Lower Upper
128 100
129 10.8 8.6 13.0
127 13.6 10.6 16.0

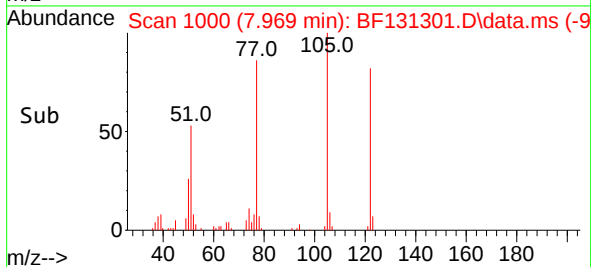
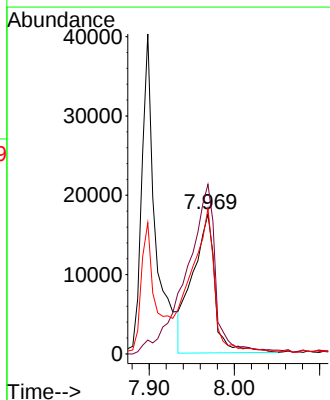
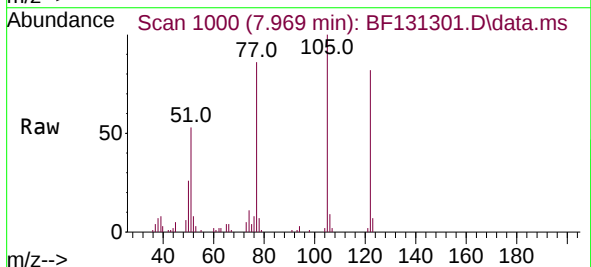
Manual Integrations
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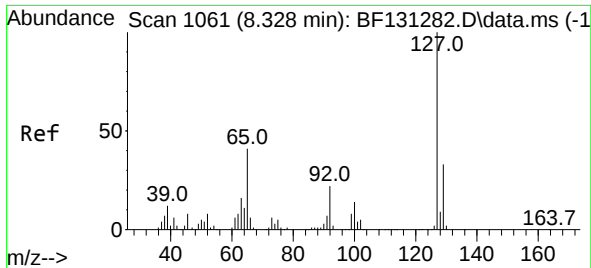
Reviewed By :Christian Giraldo 11/21/2022
Supervised By :Jagrut Upadhyay 11/21/2022



#32
Benzoic acid
Concen: 11.066 ng
RT: 7.969 min Scan# 1000
Delta R.T. -0.047 min
Lab File: BF131301.D
Acq: 18 Nov 2022 17:06

Tgt Ion:122 Resp: 32169
Ion Ratio Lower Upper
122 100
105 121.4 121.4 161.4#
77 104.1 91.2 131.2





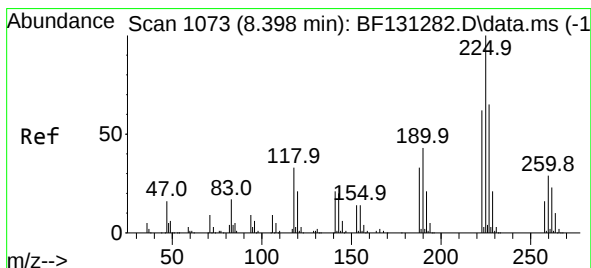
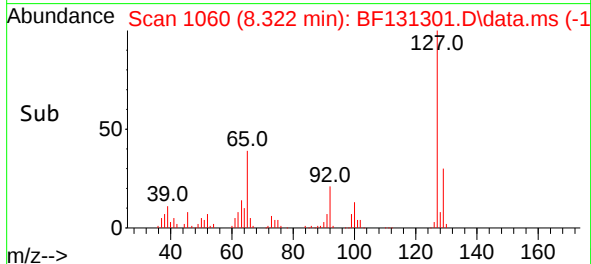
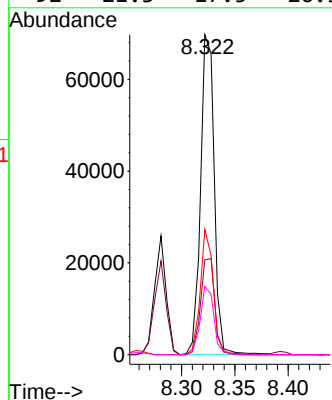
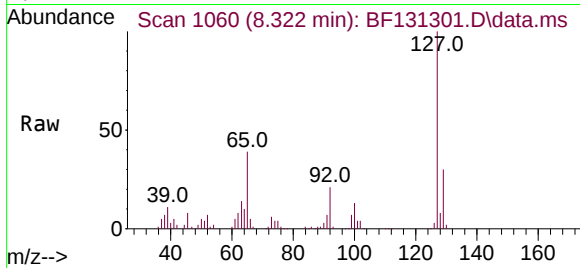
#33
4-Chloroaniline
Concen: 8.539 ng
RT: 8.322 min Scan# 1060
Delta R.T. -0.006 min
Lab File: BF131301.D
Acq: 18 Nov 2022 17:06

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

Tgt Ion:	127	Resp:	62201
Ion Ratio	Lower	Upper	
127	100		
129	29.6	26.6	40.0
65	39.1	33.2	49.8
92	21.3	17.5	26.3

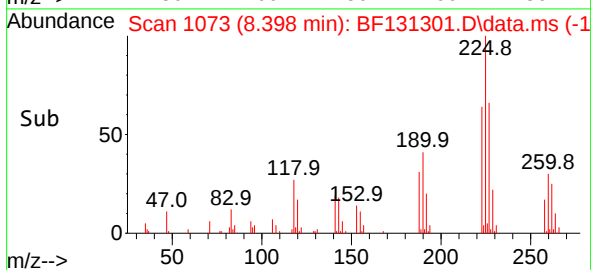
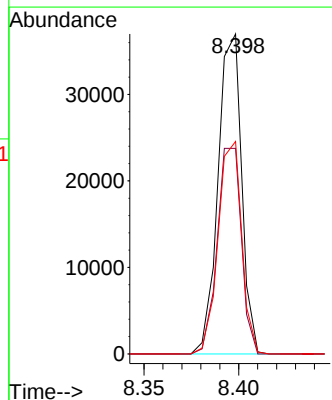
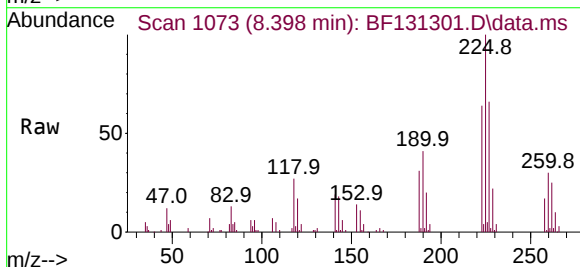
Manual Integrations
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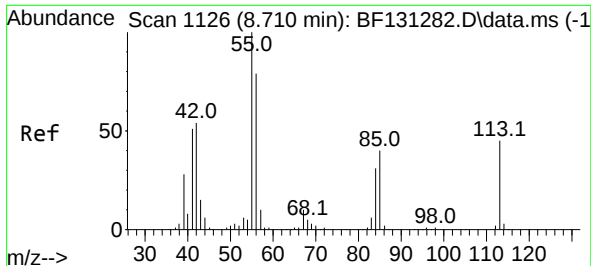
Reviewed By :Christian Giraldo 11/21/2022
Supervised By :Jagrut Upadhyay 11/21/2022



#34
Hexachlorobutadiene
Concen: 7.503 ng
RT: 8.398 min Scan# 1073
Delta R.T. -0.000 min
Lab File: BF131301.D
Acq: 18 Nov 2022 17:06

Tgt Ion:	225	Resp:	32035
Ion Ratio	Lower	Upper	
225	100		
223	64.2	49.4	74.2
227	68.5	51.7	77.5





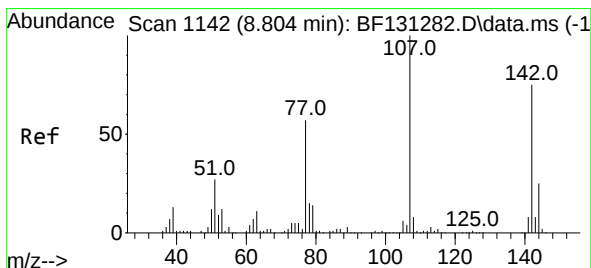
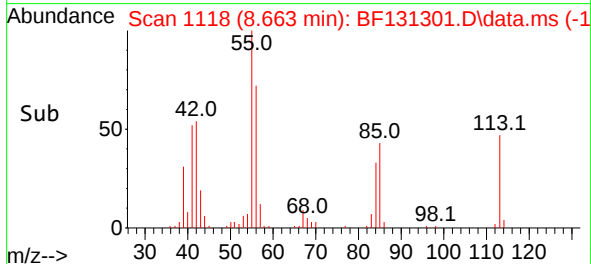
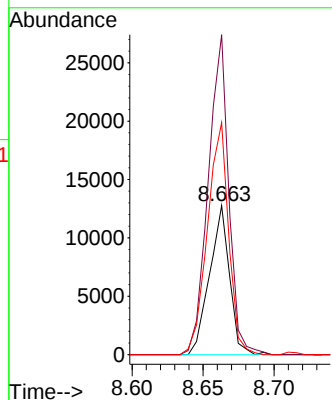
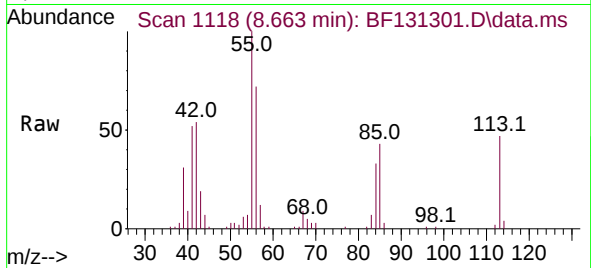
#35
Caprolactam
Concen: 8.620 ng
RT: 8.663 min Scan# 1118
Delta R.T. -0.047 min
Lab File: BF131301.D
Acq: 18 Nov 2022 17:06

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

Tgt Ion:113 Resp: 12489
Ion Ratio Lower Upper
113 100
55 214.7 200.6 240.6
56 155.6 154.5 194.5

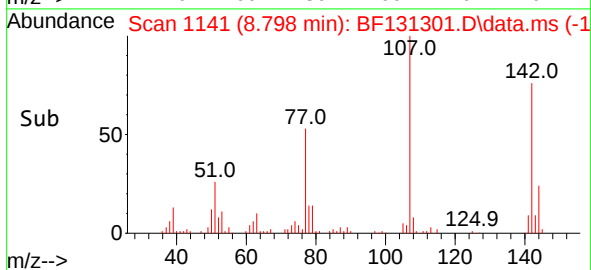
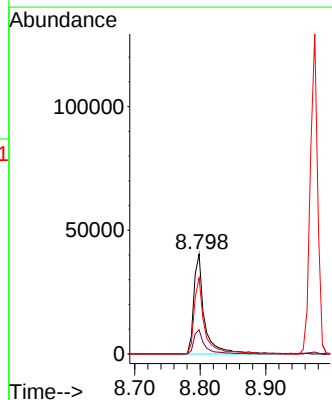
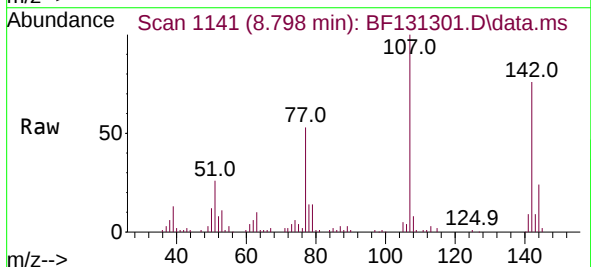
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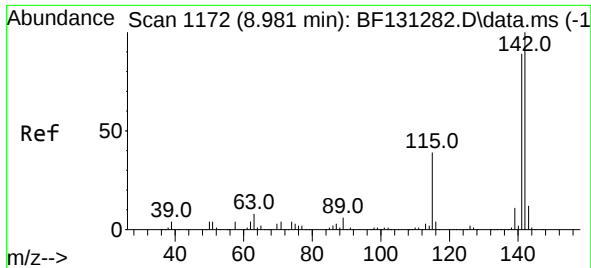
Reviewed By :Christian Giraldo 11/21/2022
Supervised By :Jagrut Upadhyay 11/21/2022



#36
4-Chloro-3-methylphenol
Concen: 8.080 ng
RT: 8.798 min Scan# 1141
Delta R.T. -0.006 min
Lab File: BF131301.D
Acq: 18 Nov 2022 17:06

Tgt Ion:107 Resp: 45322
Ion Ratio Lower Upper
107 100
144 24.1 19.6 29.4
142 76.2 60.1 90.1





#37

2-Methylnaphthalene

Concen: 7.994 ng

RT: 8.975 min Scan# 1171

Delta R.T. -0.006 min

Lab File: BF131301.D

Acq: 18 Nov 2022 17:06

Instrument :

BNA_F

ClientSampleId :

LOQ-WATER-02-QT4-2022

Tgt Ion:142 Resp: 101033

Ion Ratio Lower Upper

142 100

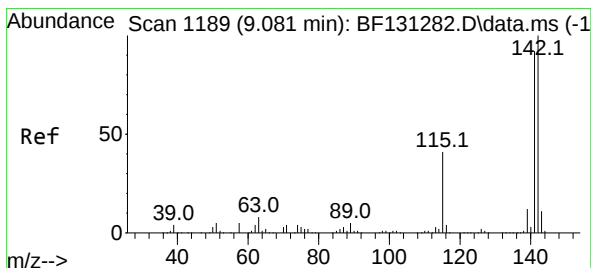
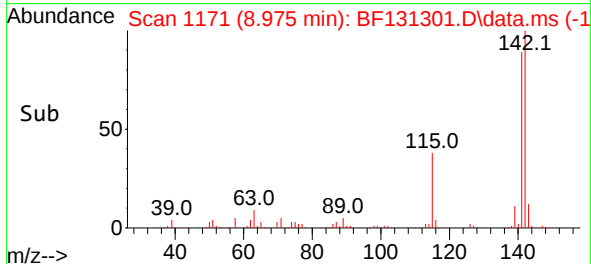
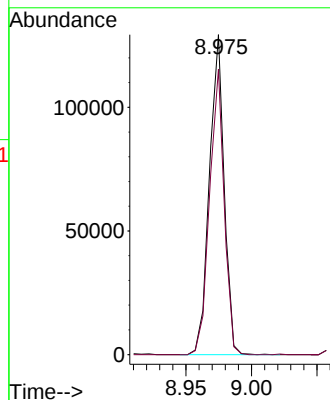
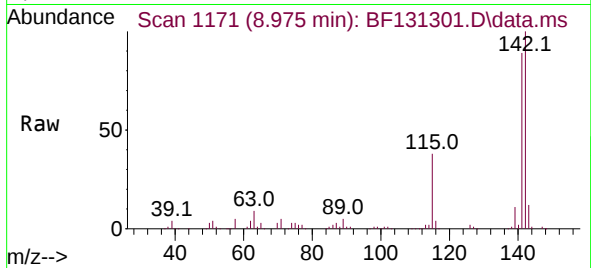
141 89.2 71.4 107.2

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 11/21/2022

Supervised By :Jagrut Upadhyay 11/21/2022



#38

1-Methylnaphthalene

Concen: 7.995 ng

RT: 9.075 min Scan# 1188

Delta R.T. -0.006 min

Lab File: BF131301.D

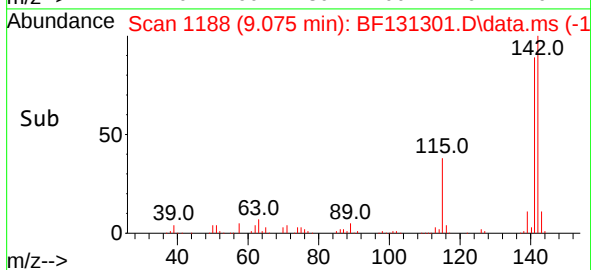
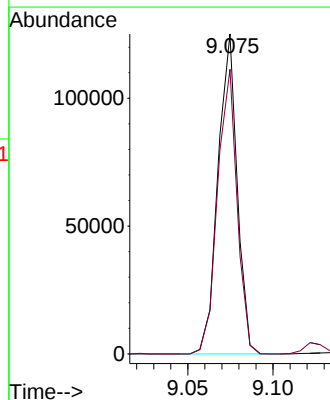
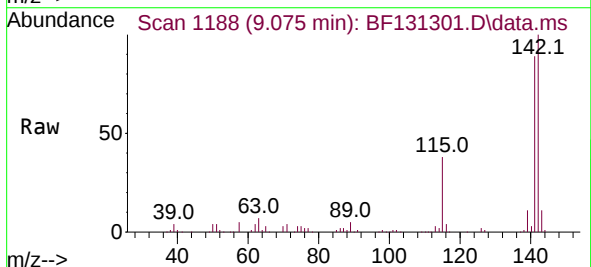
Acq: 18 Nov 2022 17:06

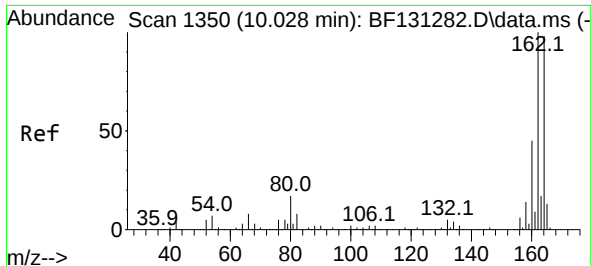
Tgt Ion:142 Resp: 97901

Ion Ratio Lower Upper

142 100

141 88.9 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: BF131301.D

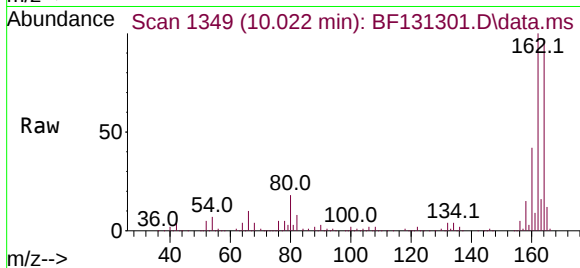
Acq: 18 Nov 2022 17:06

Instrument :

BNA_F

ClientSampleId :

LOQ-WATER-02-QT4-2022



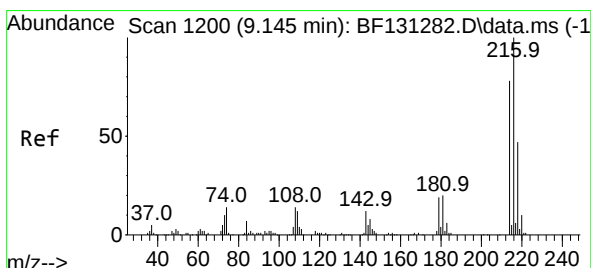
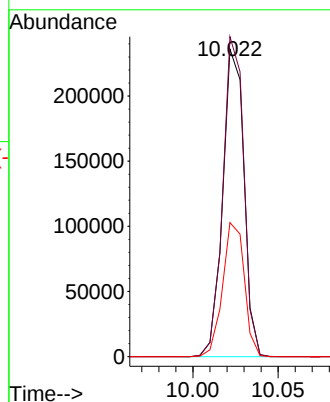
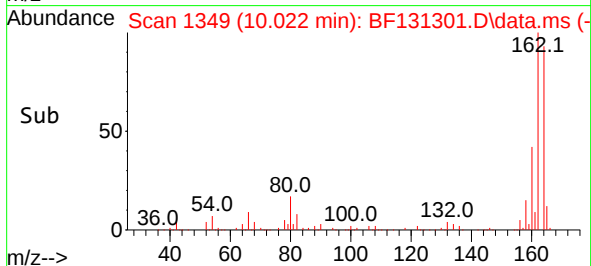
Tgt Ion:164	Resp:	204378
Ion Ratio	Lower	Upper
164	100	
162	104.1	81.8 122.6
160	43.6	36.6 54.8

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 11/21/2022

Supervised By :Jagrut Upadhyay 11/21/2022



#40

1,2,4,5-Tetrachlorobenzene

Concen: 8.017 ng

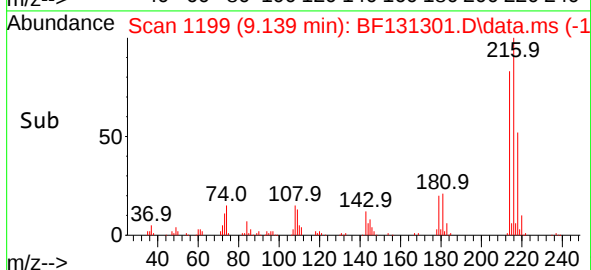
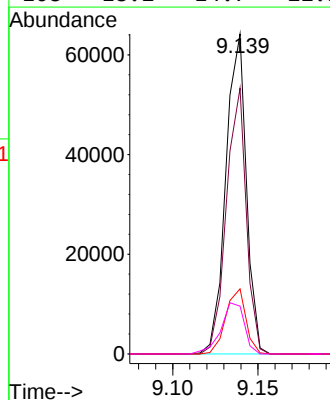
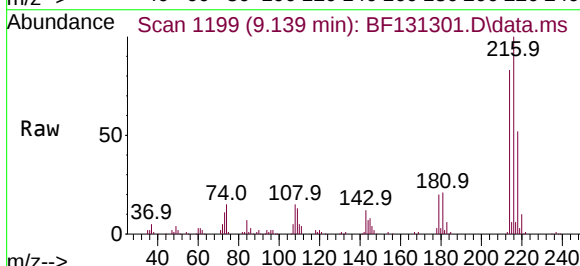
RT: 9.139 min Scan# 1199

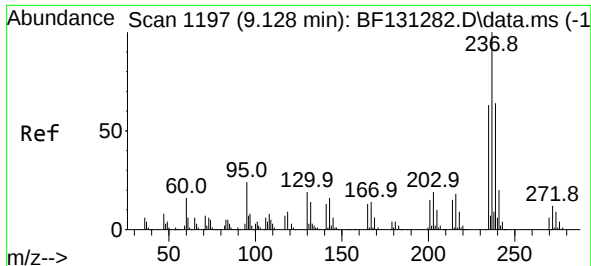
Delta R.T. -0.006 min

Lab File: BF131301.D

Acq: 18 Nov 2022 17:06

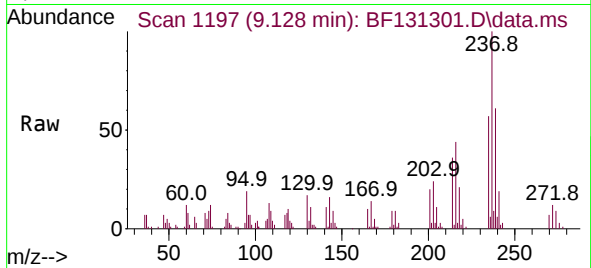
Tgt Ion:216	Resp:	53614
Ion Ratio	Lower	Upper
216	100	
214	80.4	62.5 93.7
179	20.0	16.7 25.1
108	18.2	14.7 22.1





#41
Hexachlorocyclopentadiene
Concen: 8.758 ng
RT: 9.128 min Scan# 1197
Delta R.T. -0.000 min
Lab File: BF131301.D
Acq: 18 Nov 2022 17:06

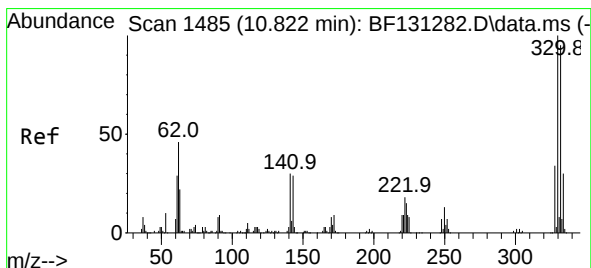
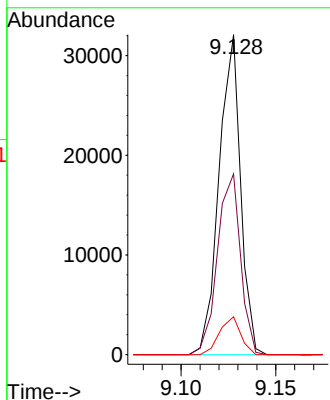
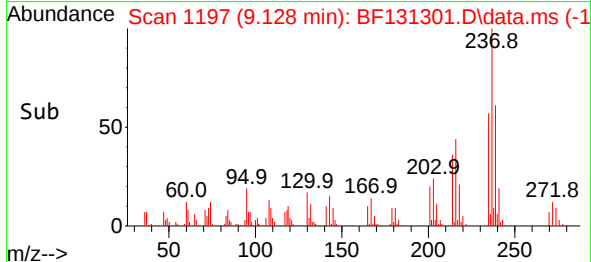
Instrument : BNA_F
ClientSampleId :
LOQ-WATER-02-QT4-2022



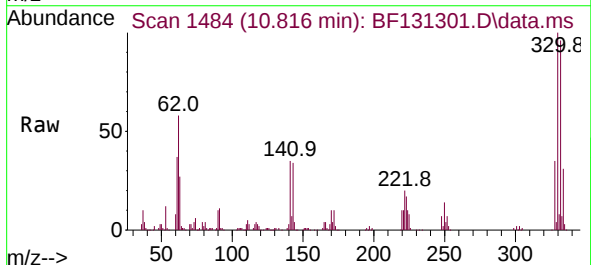
Tgt Ion: 237 Resp: 25336
Ion Ratio Lower Upper
237 100
235 56.5 42.7 82.7
272 11.8 0.0 31.6

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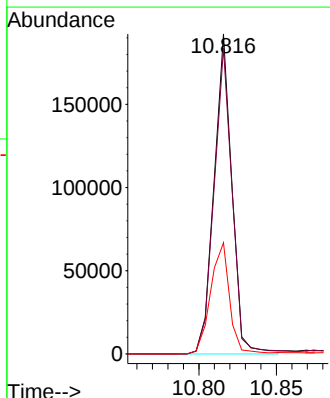
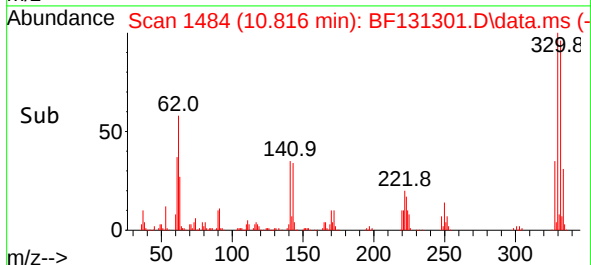
Reviewed By : Christian Giraldo 11/21/2022
Supervised By : Jagrut Upadhyay 11/21/2022

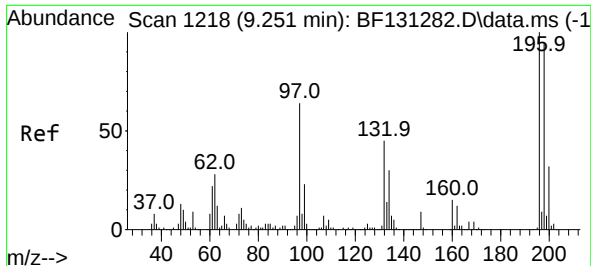


#42
2,4,6-Tribromophenol
Concen: 84.760 ng
RT: 10.816 min Scan# 1484
Delta R.T. -0.006 min
Lab File: BF131301.D
Acq: 18 Nov 2022 17:06



Tgt Ion: 330 Resp: 154210
Ion Ratio Lower Upper
330 100
332 97.3 75.4 113.0
141 37.6 30.0 45.0





#43

2,4,6-Trichlorophenol

Concen: 6.421 ng

RT: 9.245 min Scan# 1217

Delta R.T. -0.006 min

Lab File: BF131301.D

Acq: 18 Nov 2022 17:06

Instrument :

BNA_F

ClientSampleId :

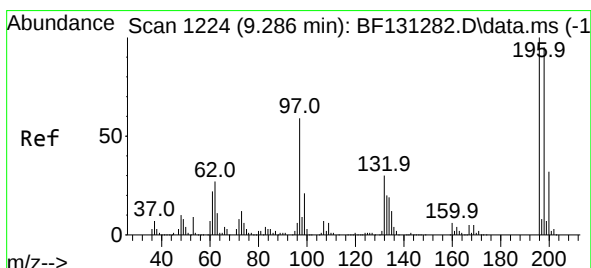
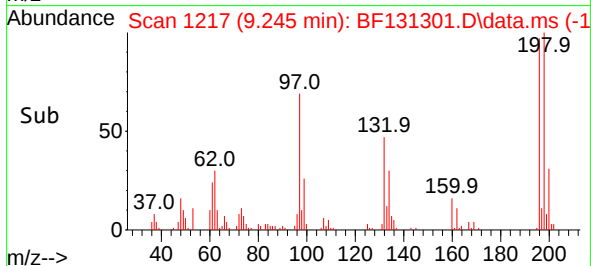
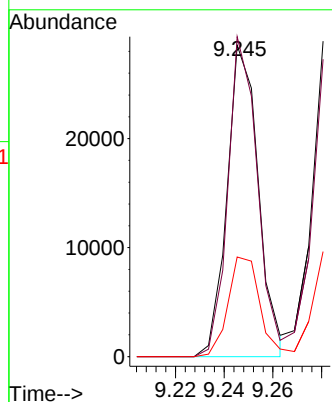
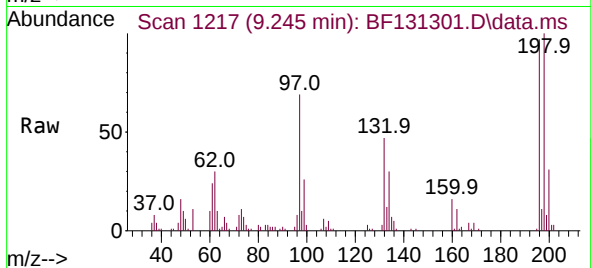
LOQ-WATER-02-QT4-2022

Tgt Ion:196	Resp:	2553
Ion Ratio	Lower	Upper
196	100	
198	102.7	74.8 112.2
200	32.0	25.7 38.5

Manual Integrations

APPROVED

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



#44

2,4,5-Trichlorophenol

Concen: 7.836 ng

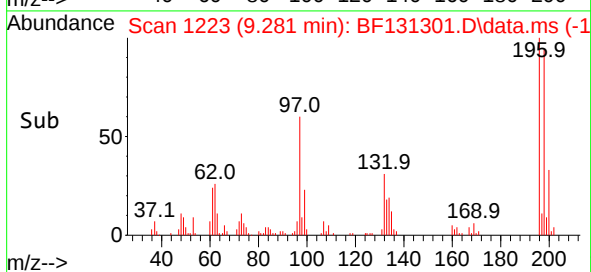
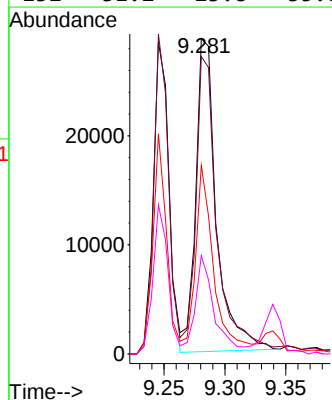
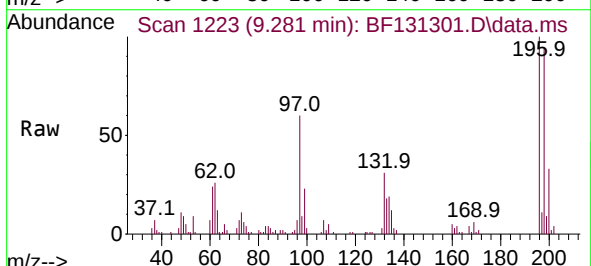
RT: 9.281 min Scan# 1223

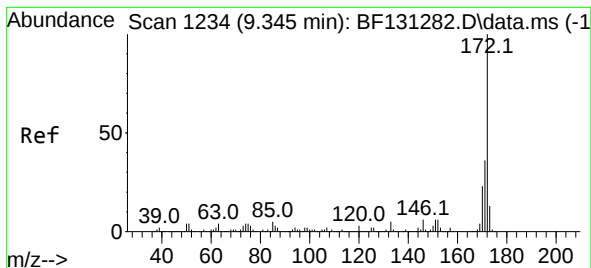
Delta R.T. -0.006 min

Lab File: BF131301.D

Acq: 18 Nov 2022 17:06

Tgt Ion:196	Resp:	33945
Ion Ratio	Lower	Upper
196	100	
198	94.3	75.6 113.4
97	59.7	47.4 71.0
132	31.2	23.8 35.8





#45

2-Fluorobiphenyl

Concen: 57.454 ng

RT: 9.339 min Scan# 1233

Delta R.T. -0.006 min

Lab File: BF131301.D

Acq: 18 Nov 2022 17:06

Instrument :

BNA_F

ClientSampleId :

LOQ-WATER-02-QT4-2022

Tgt Ion:172 Resp: 822146

Ion Ratio Lower Upper

172 100

171 35.6 28.5 42.7

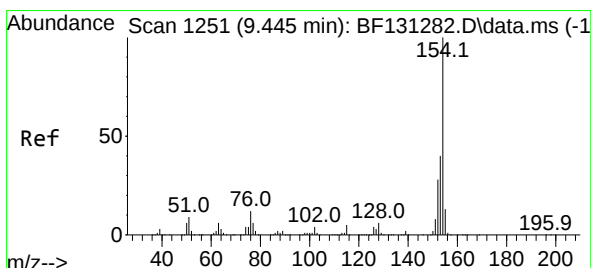
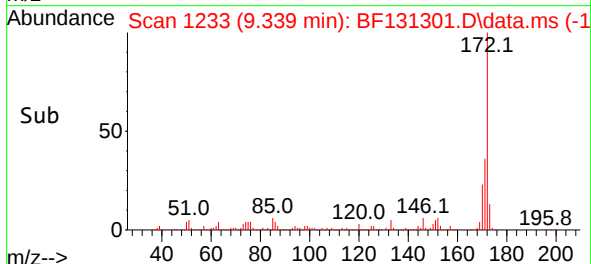
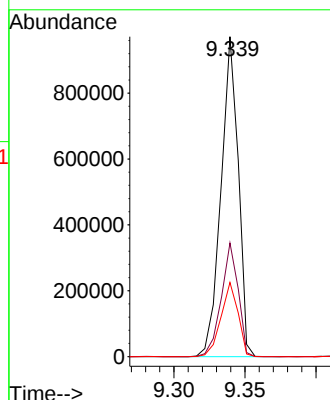
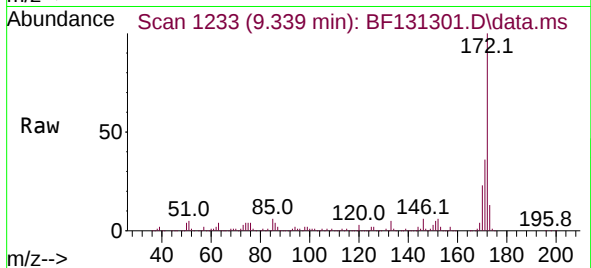
170 23.2 18.5 27.7

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 11/21/2022

Supervised By :Jagrut Upadhyay 11/21/2022



#46

1,1'-Biphenyl

Concen: 8.457 ng

RT: 9.439 min Scan# 1250

Delta R.T. -0.006 min

Lab File: BF131301.D

Acq: 18 Nov 2022 17:06

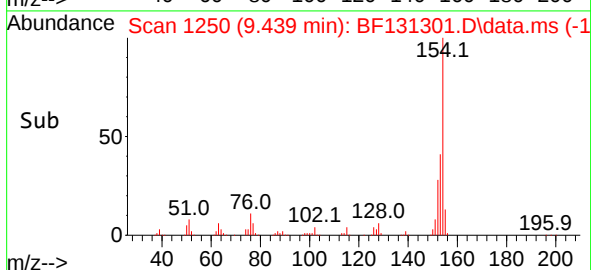
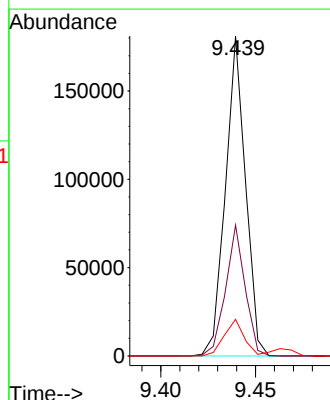
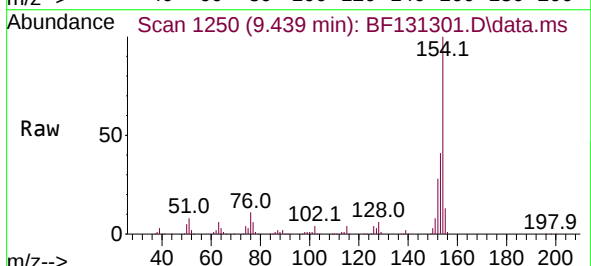
Tgt Ion:154 Resp: 133464

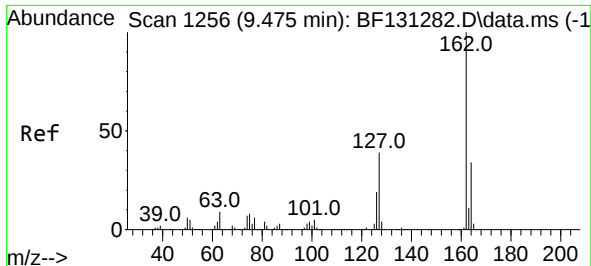
Ion Ratio Lower Upper

154 100

153 40.9 20.1 60.1

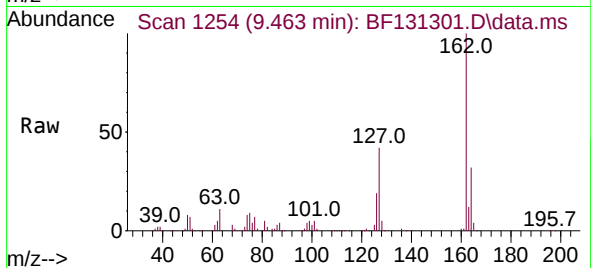
76 11.4 0.0 31.8





#47
2-Chloronaphthalene
Concen: 8.016 ng
RT: 9.463 min Scan# 1256
Delta R.T. -0.012 min
Lab File: BF131301.D
Acq: 18 Nov 2022 17:06

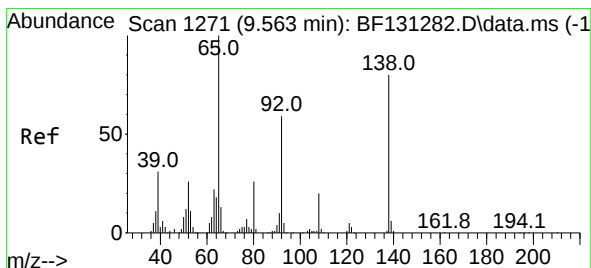
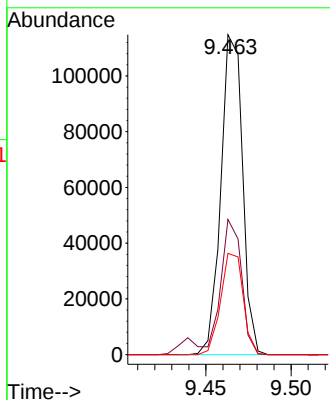
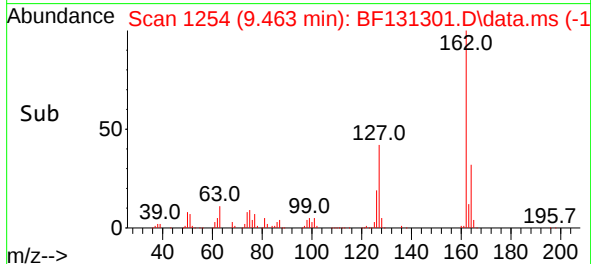
Instrument : BNA_F
ClientSampleId :
LOQ-WATER-02-QT4-2022



Tgt Ion:162 Resp: 101568
Ion Ratio Lower Upper
162 100
127 42.2 31.1 46.7
164 31.7 26.9 40.3

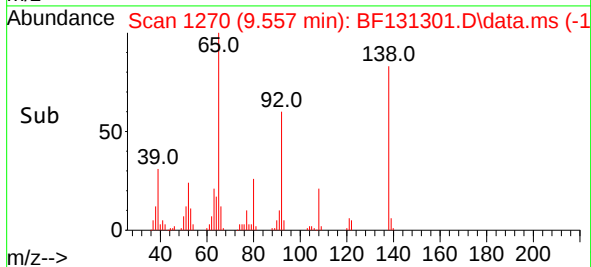
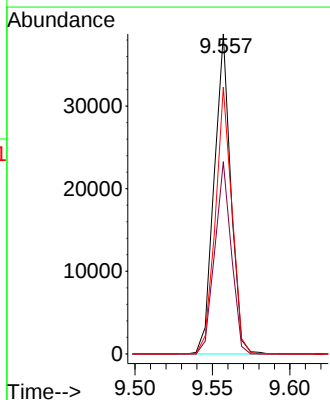
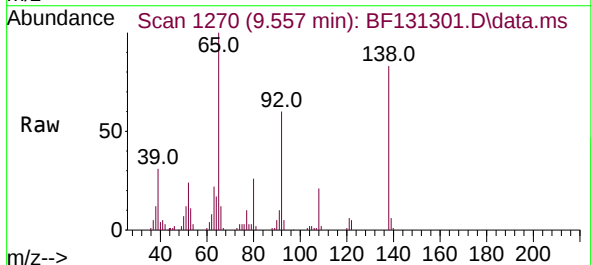
Manual Integrations
APPROVED

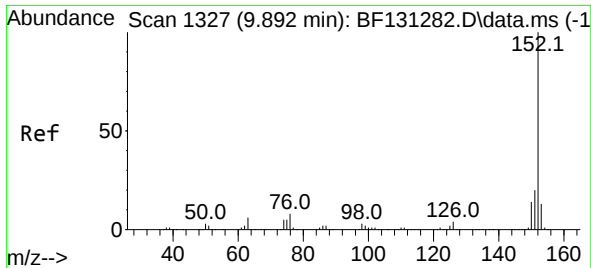
Reviewed By :Christian Giraldo 11/21/2022
Supervised By :Jagrut Upadhyay 11/21/2022



#48
2-Nitroaniline
Concen: 8.274 ng
RT: 9.557 min Scan# 1270
Delta R.T. -0.006 min
Lab File: BF131301.D
Acq: 18 Nov 2022 17:06

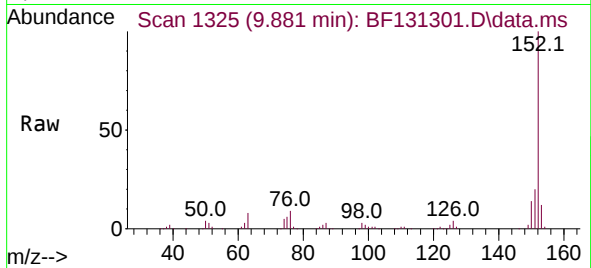
Tgt Ion: 65 Resp: 28981
Ion Ratio Lower Upper
65 100
92 60.1 47.2 70.8
138 83.4 64.2 96.4





#49
Acenaphthylene
Concen: 7.959 ng
RT: 9.881 min Scan# 1325
Delta R.T. -0.011 min
Lab File: BF131301.D
Acq: 18 Nov 2022 17:06

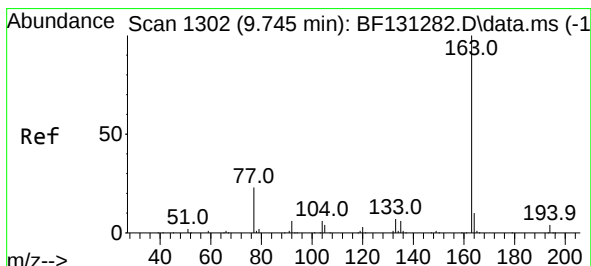
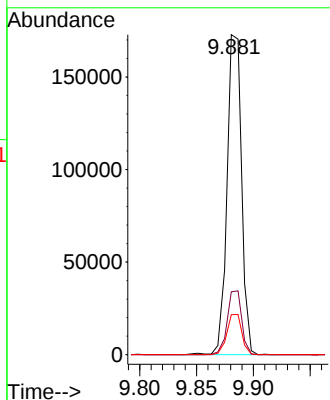
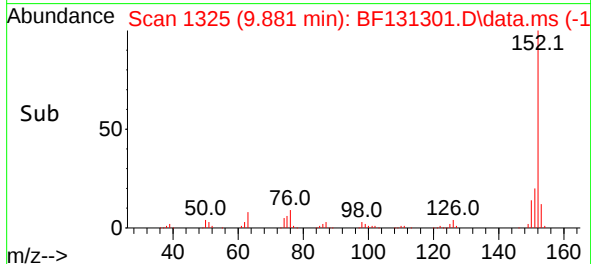
Instrument : BNA_F
ClientSampleId :
LOQ-WATER-02-QT4-2022



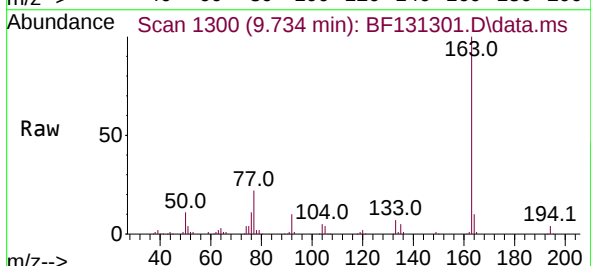
Tgt Ion:152 Resp: 154064
Ion Ratio Lower Upper
152 100
151 19.6 15.9 23.9
153 12.5 10.4 15.6

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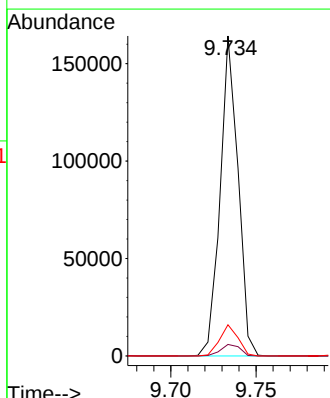
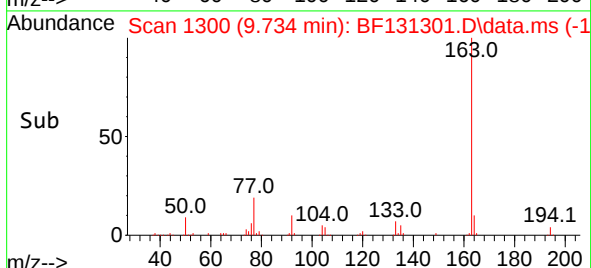
Reviewed By :Christian Giraldo 11/21/2022
Supervised By :Jagrut Upadhyay 11/21/2022

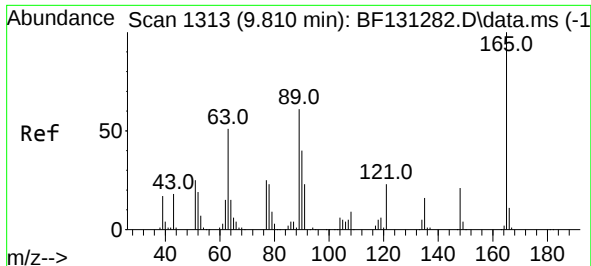


#50
Dimethylphthalate
Concen: 8.087 ng
RT: 9.734 min Scan# 1300
Delta R.T. -0.011 min
Lab File: BF131301.D
Acq: 18 Nov 2022 17:06



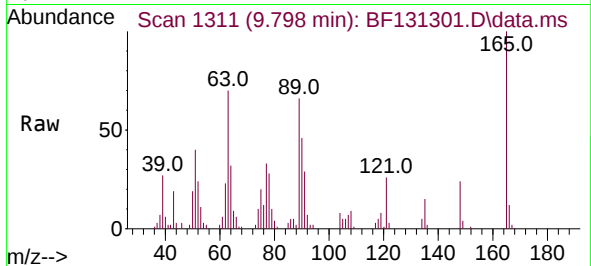
Tgt Ion:163 Resp: 119681
Ion Ratio Lower Upper
163 100
194 3.6 3.1 4.7
164 9.7 8.4 12.6





#51
2,6-Dinitrotoluene
Concen: 8.500 ng
RT: 9.798 min Scan# 1311
Delta R.T. -0.012 min
Lab File: BF131301.D
Acq: 18 Nov 2022 17:06

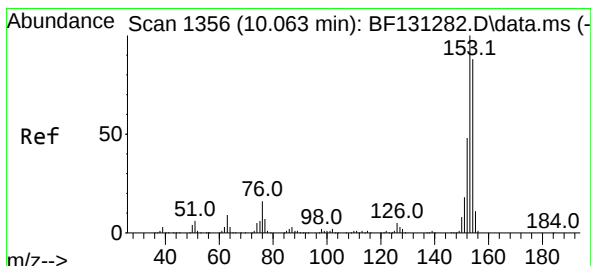
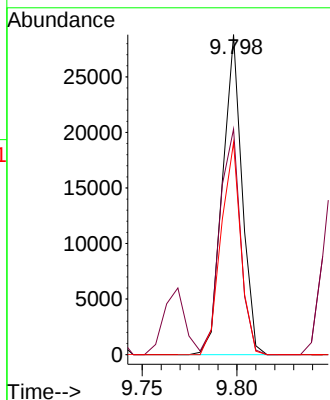
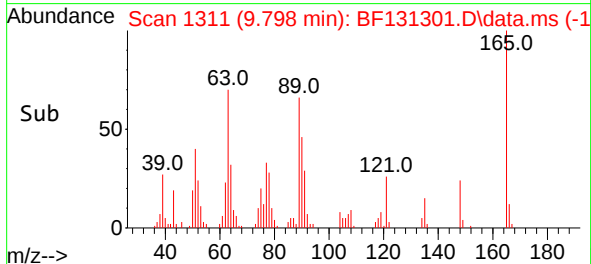
Instrument :
BNA_F
ClientSampleId :
LOQ-WATER-02-QT4-2022



Tgt Ion:165 Resp: 20663
Ion Ratio Lower Upper
165 100
63 70.5 53.3 79.9
89 66.3 49.4 74.0

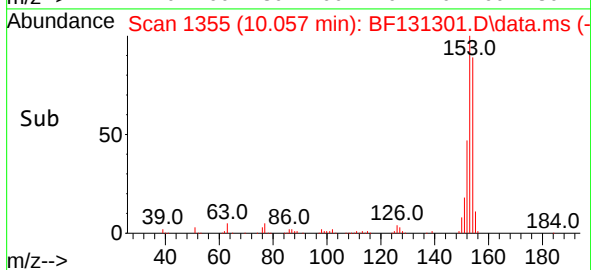
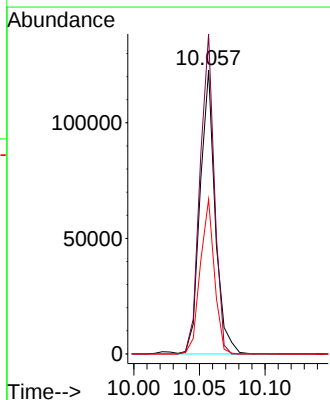
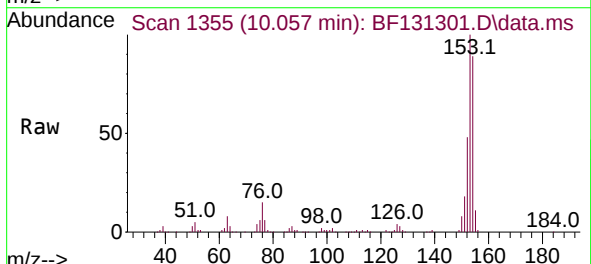
Manual Integrations
APPROVED

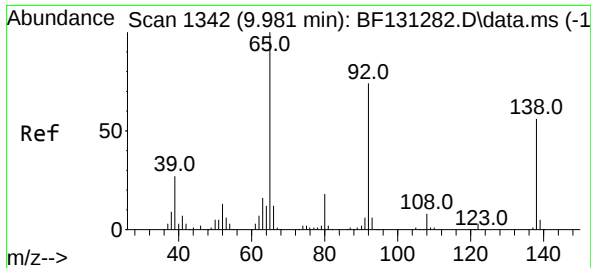
Reviewed By :Christian Giraldo 11/21/2022
Supervised By :Jagrut Upadhyay 11/21/2022



#52
Acenaphthene
Concen: 8.101 ng
RT: 10.057 min Scan# 1355
Delta R.T. -0.006 min
Lab File: BF131301.D
Acq: 18 Nov 2022 17:06

Tgt Ion:154 Resp: 97836
Ion Ratio Lower Upper
154 100
153 112.8 90.7 136.1
152 54.5 43.1 64.7





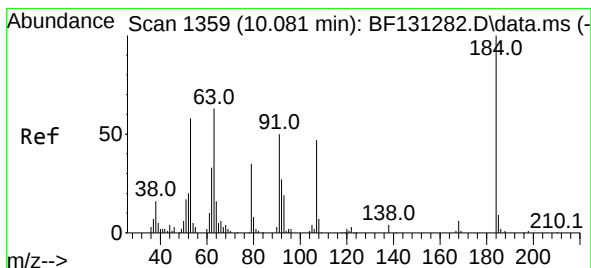
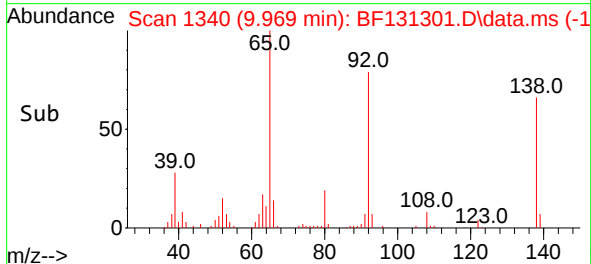
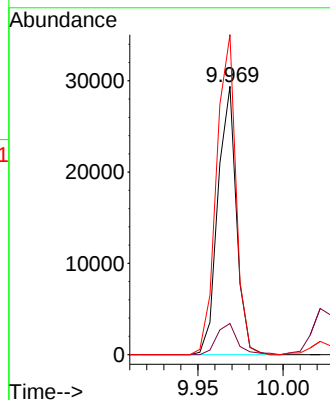
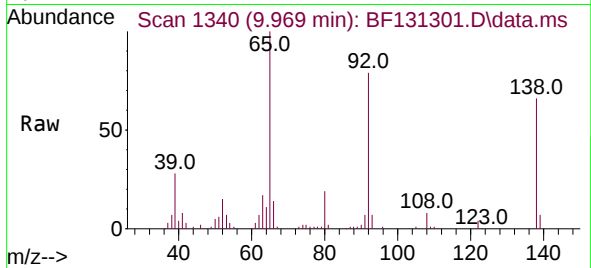
#53
3-Nitroaniline
Concen: 8.640 ng
RT: 9.969 min Scan# 1342
Delta R.T. -0.012 min
Lab File: BF131301.D
Acq: 18 Nov 2022 17:06

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

Tgt Ion:138 Resp: 22228
Ion Ratio Lower Upper
138 100
108 11.6 11.1 16.7
92 119.3 105.4 158.2

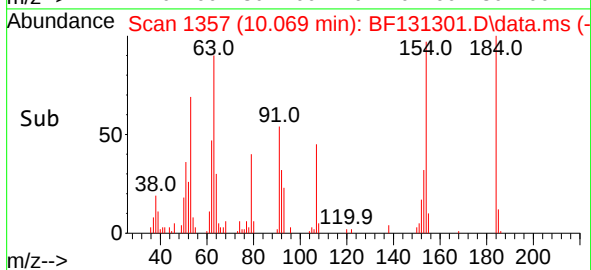
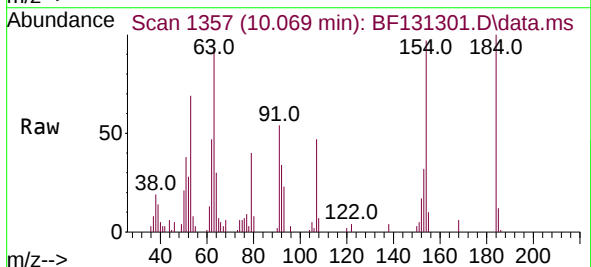
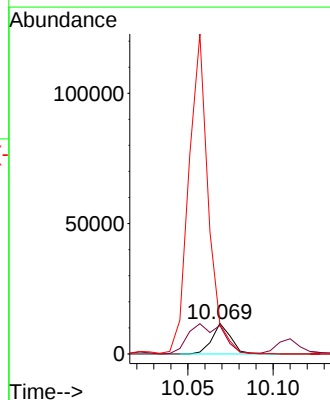
Manual Integrations
APPROVED

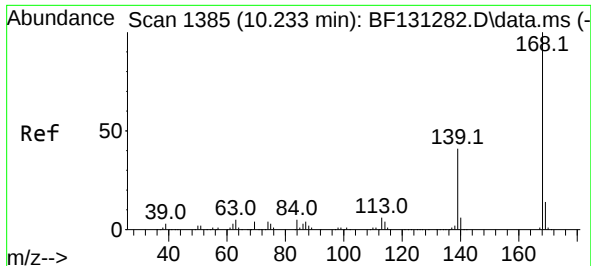
Reviewed By :Christian Giraldo 11/21/2022
Supervised By :Jagrut Upadhyay 11/21/2022



#54
2,4-Dinitrophenol
Concen: 10.403 ng
RT: 10.069 min Scan# 1357
Delta R.T. -0.012 min
Lab File: BF131301.D
Acq: 18 Nov 2022 17:06

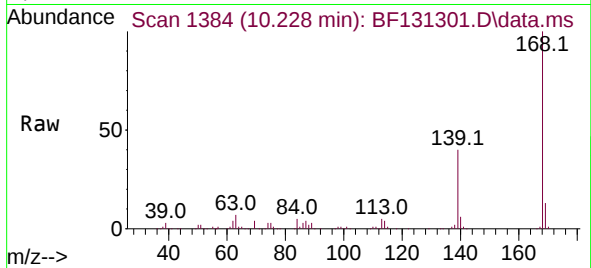
Tgt Ion:184 Resp: 8908
Ion Ratio Lower Upper
184 100
63 92.8 64.8 97.2
154 97.1 58.0 87.0#





#55
Dibenzofuran
Concen: 8.085 ng
RT: 10.228 min Scan# 1384
Delta R.T. -0.005 min
Lab File: BF131301.D
Acq: 18 Nov 2022 17:06

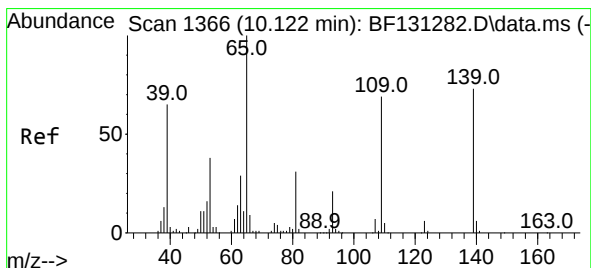
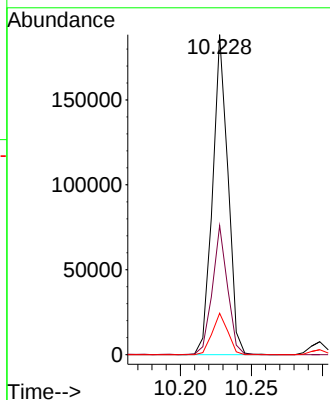
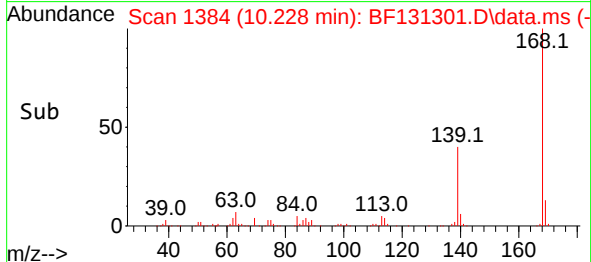
Instrument :
BNA_F
ClientSampleId :
LOQ-WATER-02-QT4-2022



Tgt Ion:168 Resp: 141600
Ion Ratio Lower Upper
168 100
139 40.3 33.2 49.8
169 12.9 11.0 16.4

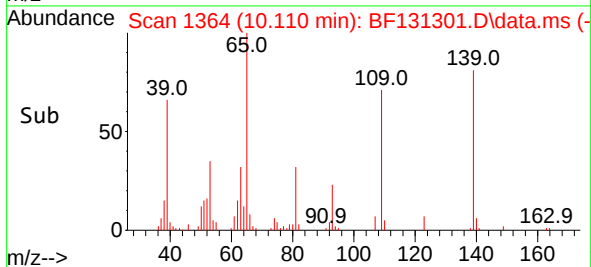
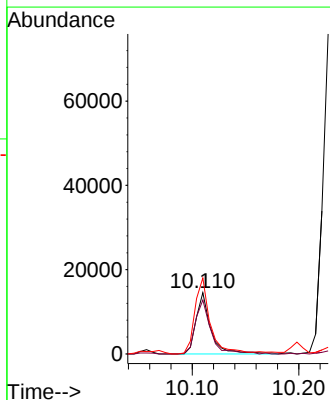
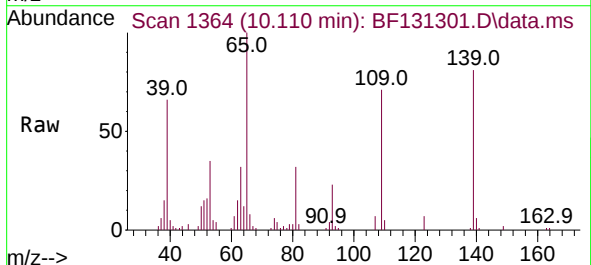
Manual Integrations
APPROVED

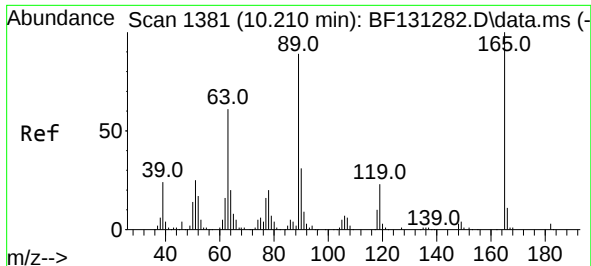
Reviewed By :Christian Giraldo 11/21/2022
Supervised By :Jagrut Upadhyay 11/21/2022



#56
4-Nitrophenol
Concen: 7.183 ng
RT: 10.110 min Scan# 1364
Delta R.T. -0.012 min
Lab File: BF131301.D
Acq: 18 Nov 2022 17:06

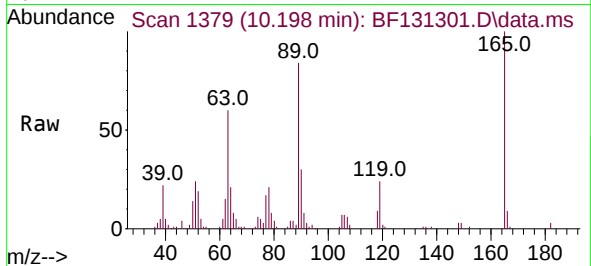
Tgt Ion:139 Resp: 13906
Ion Ratio Lower Upper
139 100
109 87.9 74.2 114.2
65 124.1 116.8 156.8





#57
2,4-Dinitrotoluene
Concen: 8.280 ng
RT: 10.198 min Scan# 1381
Delta R.T. -0.012 min
Lab File: BF131301.D
Acq: 18 Nov 2022 17:06

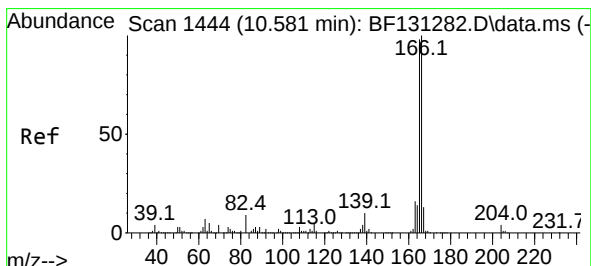
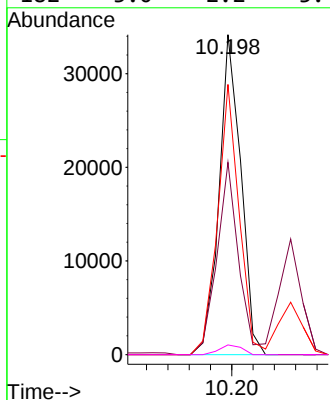
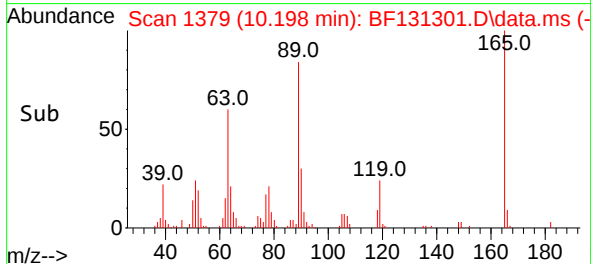
Instrument : BNA_F
ClientSampleId : LOQ-WATER-02-QT4-2022



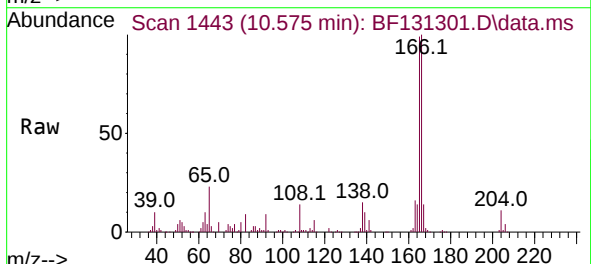
Tgt Ion:165 Resp: 24338
Ion Ratio Lower Upper
165 100
63 60.1 49.0 73.6
89 84.4 71.1 106.7
182 3.0 2.2 3.4

Manual Integrations
APPROVED

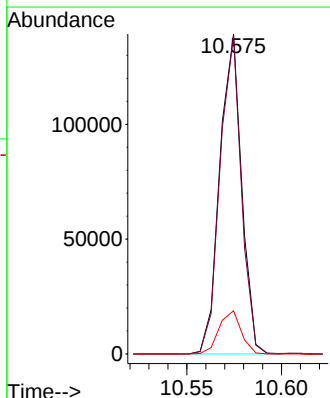
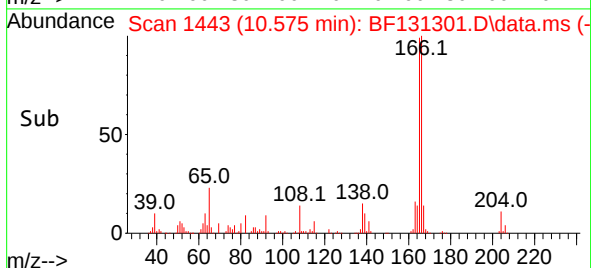
Reviewed By :Christian Giraldo 11/21/2022
Supervised By :Jagrut Upadhyay 11/21/2022

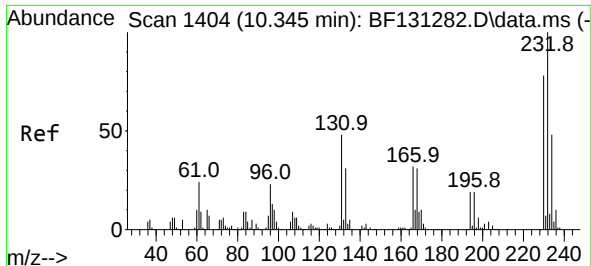


#58
Fluorene
Concen: 8.024 ng
RT: 10.575 min Scan# 1443
Delta R.T. -0.006 min
Lab File: BF131301.D
Acq: 18 Nov 2022 17:06



Tgt Ion:166 Resp: 111596
Ion Ratio Lower Upper
166 100
165 99.4 78.2 117.2
167 13.5 10.6 15.8





#59

2,3,4,6-Tetrachlorophenol

Concen: 7.607 ng

RT: 10.339 min Scan# 1403

Delta R.T. -0.006 min

Lab File: BF131301.D

Acq: 18 Nov 2022 17:06

Instrument :

BNA_F

ClientSampleId :

LOQ-WATER-02-QT4-2022

Tgt Ion:232 Resp: 27913

Ion Ratio Lower Upper

232 100

131 43.5 36.0 54.0

130 2.2 1.8 2.6

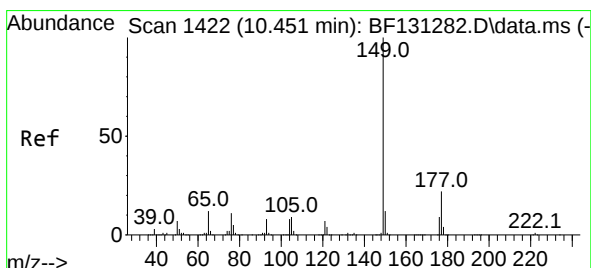
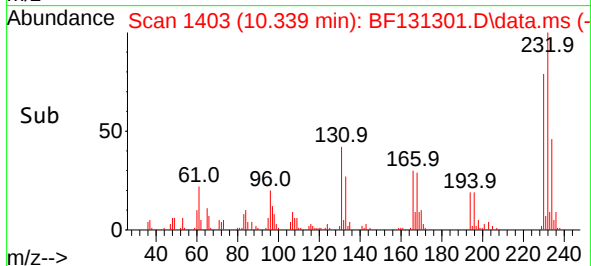
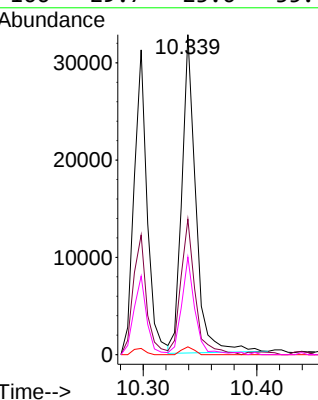
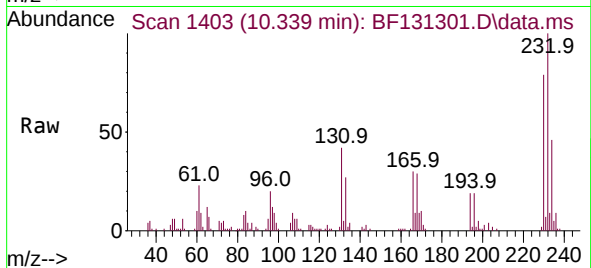
166 29.7 23.6 35.4

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 11/21/2022

Supervised By :Jagrut Upadhyay 11/21/2022



#60

Diethylphthalate

Concen: 7.907 ng

RT: 10.439 min Scan# 1420

Delta R.T. -0.012 min

Lab File: BF131301.D

Acq: 18 Nov 2022 17:06

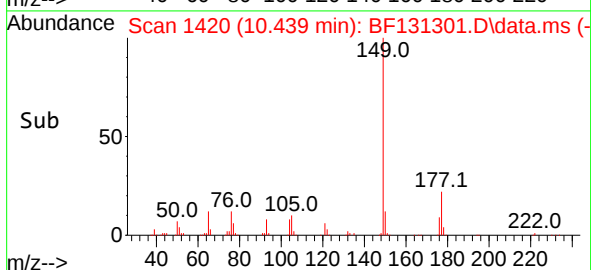
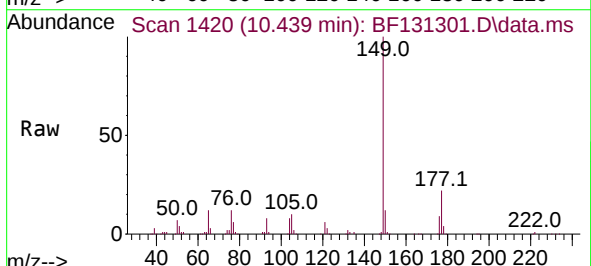
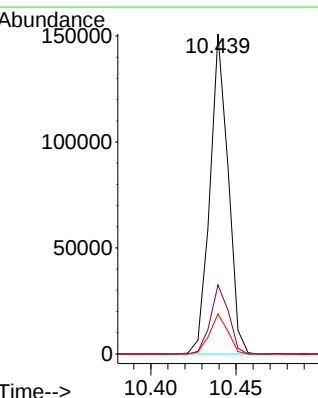
Tgt Ion:149 Resp: 111634

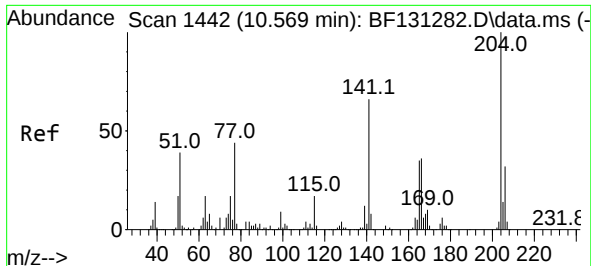
Ion Ratio Lower Upper

149 100

177 21.5 17.9 26.9

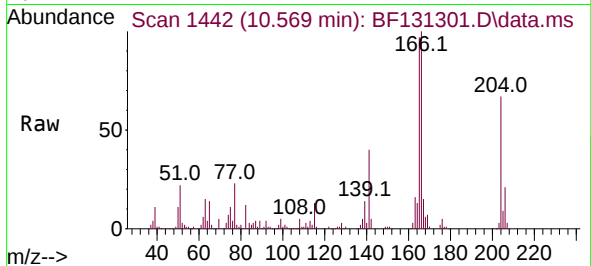
150 12.5 9.8 14.6





#61
4-Chlorophenyl-phenylether
Concen: 8.301 ng
RT: 10.569 min Scan# 1442
Delta R.T. -0.000 min
Lab File: BF131301.D
Acq: 18 Nov 2022 17:06

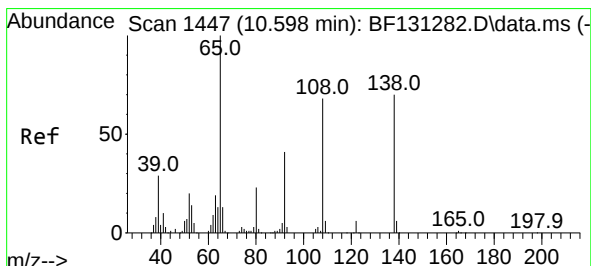
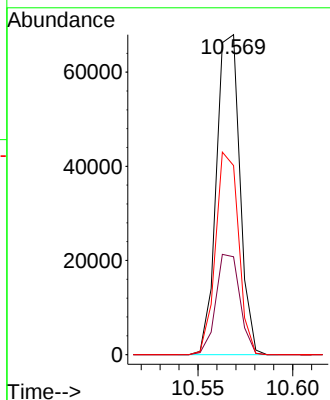
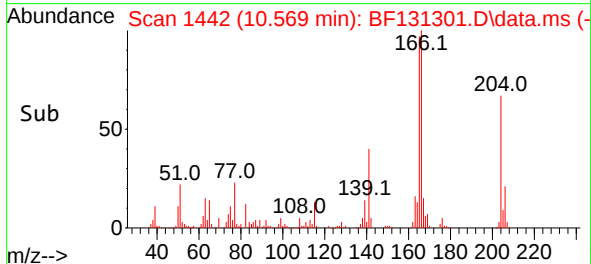
Instrument :
BNA_F
ClientSampleId :
LOQ-WATER-02-QT4-2022



Tgt Ion:204 Resp: 58525
Ion Ratio Lower Upper
204 100
206 30.6 25.7 38.5
141 59.1 53.1 79.7

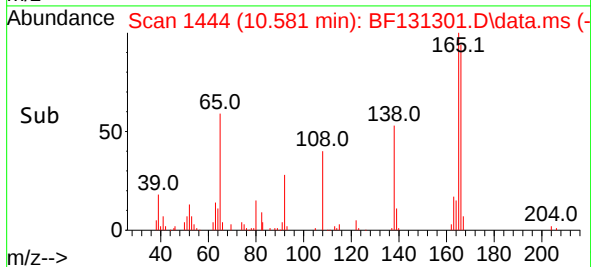
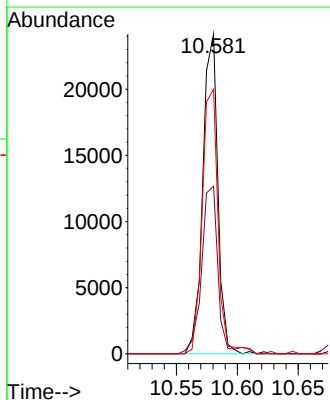
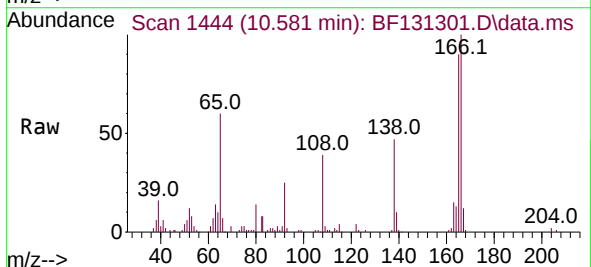
Manual Integrations
APPROVED

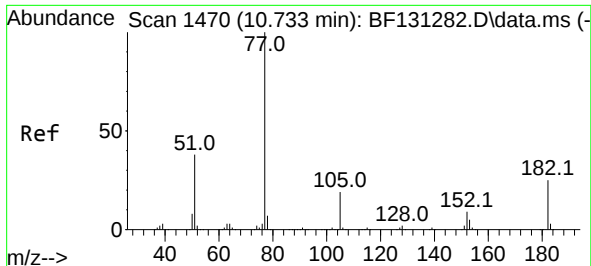
Reviewed By :Christian Giraldo 11/21/2022
Supervised By :Jagrut Upadhyay 11/21/2022



#62
4-Nitroaniline
Concen: 7.985 ng
RT: 10.581 min Scan# 1444
Delta R.T. -0.017 min
Lab File: BF131301.D
Acq: 18 Nov 2022 17:06

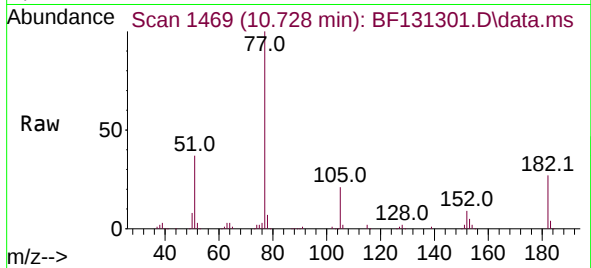
Tgt Ion:138 Resp: 20870
Ion Ratio Lower Upper
138 100
92 52.4 37.5 77.5
108 82.7 76.3 116.3





#63
Azobenzene
Concen: 7.823 ng
RT: 10.728 min Scan# 1470
Delta R.T. -0.006 min
Lab File: BF131301.D
Acq: 18 Nov 2022 17:06

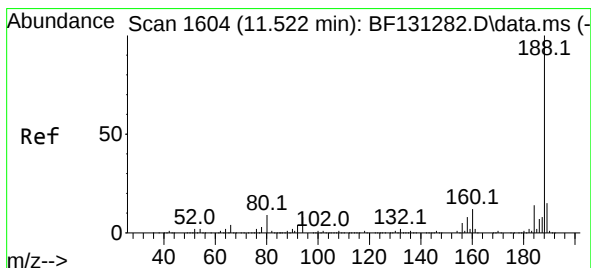
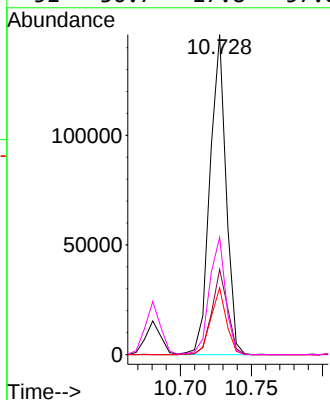
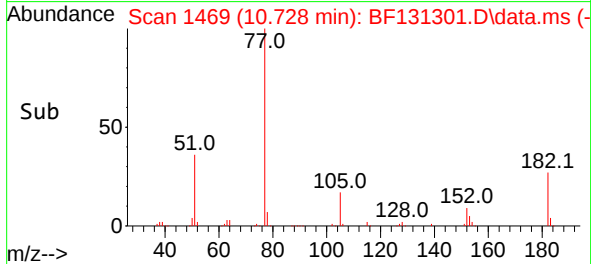
Instrument :
BNA_F
ClientSampleId :
LOQ-WATER-02-QT4-2022



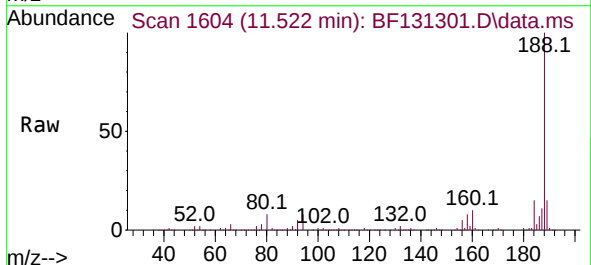
Tgt Ion: 77 Resp: 114720
Ion Ratio Lower Upper
77 100
182 26.6 5.0 45.0
105 20.9 0.0 39.5
51 36.7 17.8 57.8

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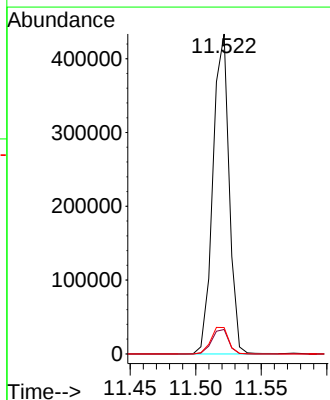
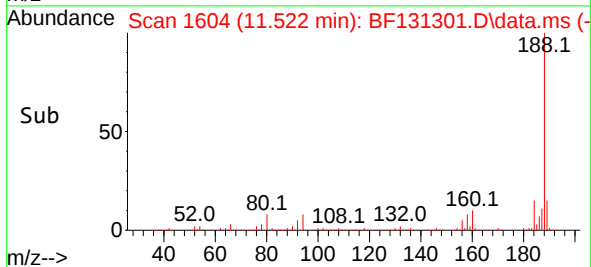
Reviewed By :Christian Giraldo 11/21/2022
Supervised By :Jagrut Upadhyay 11/21/2022

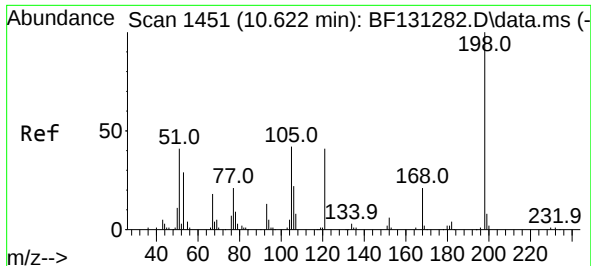


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.522 min Scan# 1604
Delta R.T. -0.000 min
Lab File: BF131301.D
Acq: 18 Nov 2022 17:06



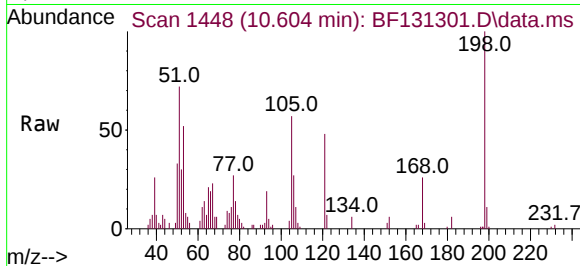
Tgt Ion:188 Resp: 373911
Ion Ratio Lower Upper
188 100
94 7.6 6.5 9.7
80 8.2 7.2 10.8





#65
4,6-Dinitro-2-methylphenol
Concen: 8.288 ng
RT: 10.604 min Scan# 1448
Delta R.T. -0.018 min
Lab File: BF131301.D
Acq: 18 Nov 2022 17:06

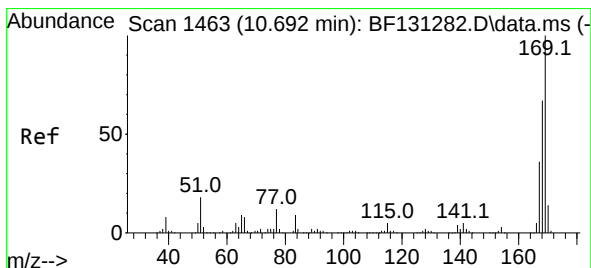
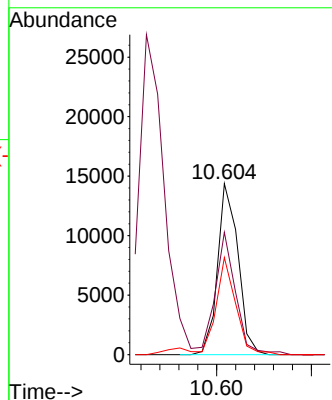
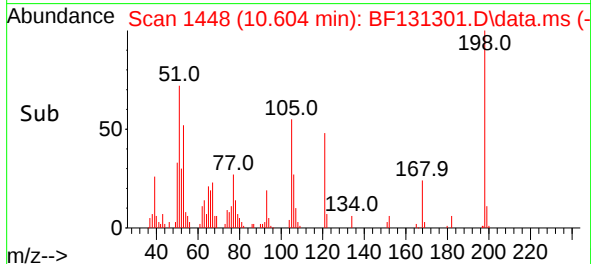
Instrument : BNA_F
ClientSampleId :
LOQ-WATER-02-QT4-2022



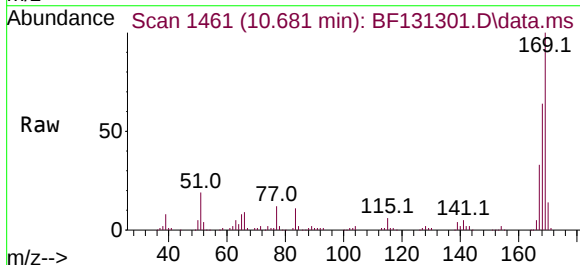
Tgt Ion:198 Resp: 10743
Ion Ratio Lower Upper
198 100
51 71.5 35.7 75.7
105 56.8 23.3 63.3

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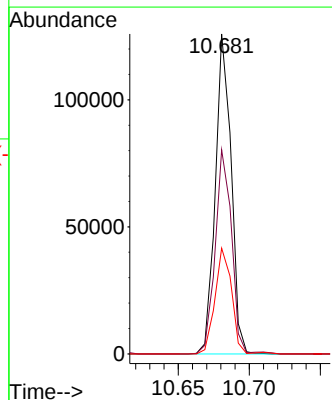
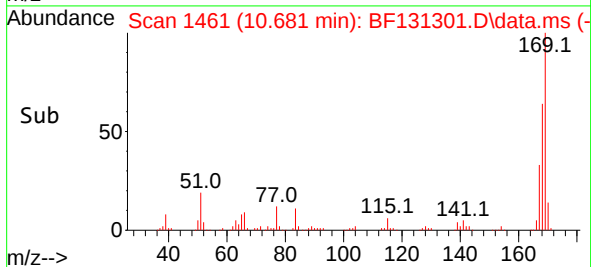
Reviewed By :Christian Giraldo 11/21/2022
Supervised By :Jagrut Upadhyay 11/21/2022

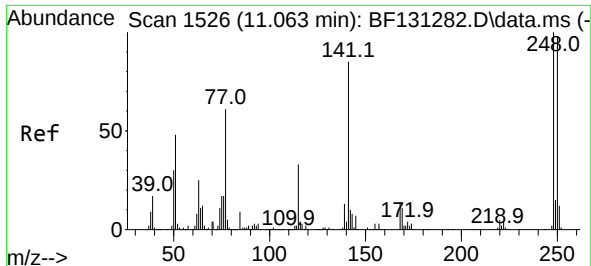


#66
n-Nitrosodiphenylamine
Concen: 8.099 ng
RT: 10.681 min Scan# 1461
Delta R.T. -0.012 min
Lab File: BF131301.D
Acq: 18 Nov 2022 17:06



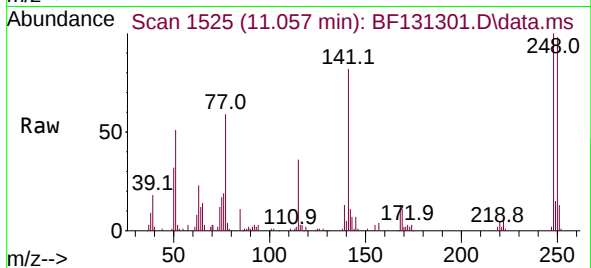
Tgt Ion:169 Resp: 97585
Ion Ratio Lower Upper
169 100
168 63.8 53.8 80.6
167 33.0 28.9 43.3





#67
4-Bromophenyl-phenylether
Concen: 8.017 ng
RT: 11.057 min Scan# 1525
Delta R.T. -0.006 min
Lab File: BF131301.D
Acq: 18 Nov 2022 17:06

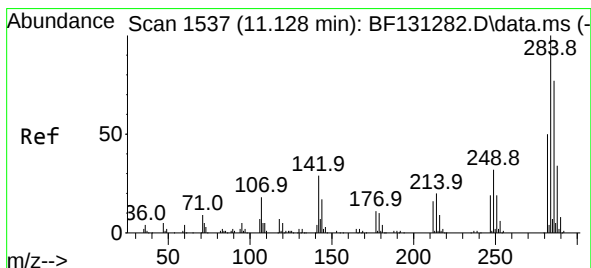
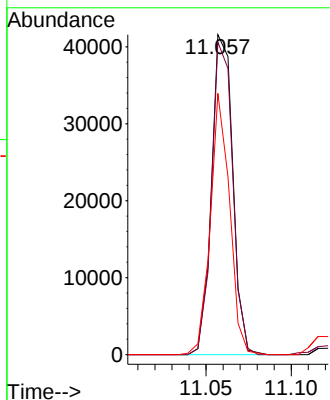
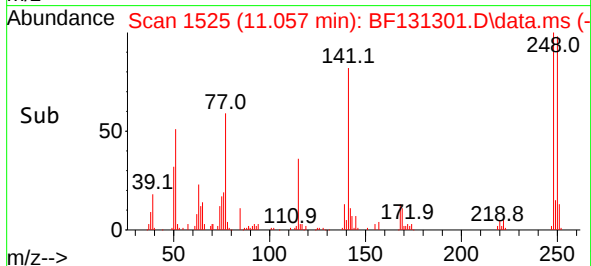
Instrument : BNA_F
ClientSampleId :
LOQ-WATER-02-QT4-2022



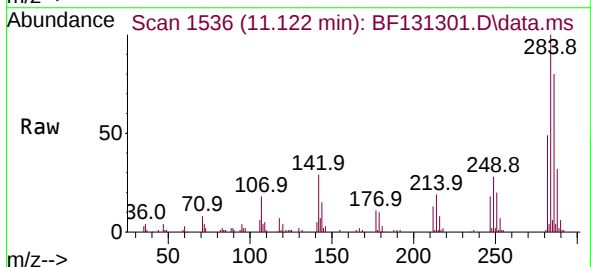
Tgt Ion:248 Resp: 3597
Ion Ratio Lower Upper
248 100
250 97.6 78.3 117.5
141 81.6 67.6 101.4

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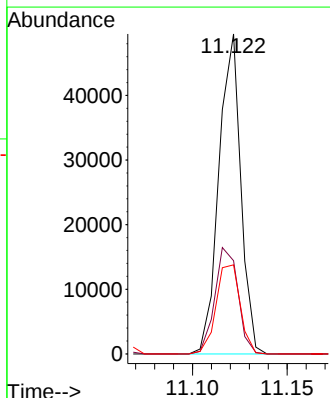
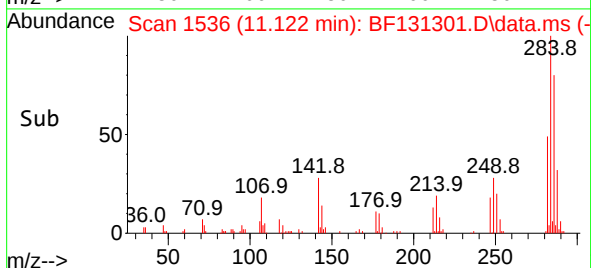
Reviewed By :Christian Giraldo 11/21/2022
Supervised By :Jagrut Upadhyay 11/21/2022

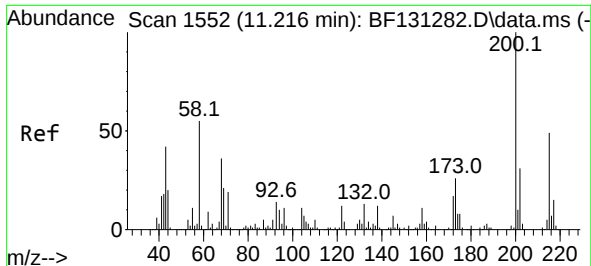


#68
Hexachlorobenzene
Concen: 8.156 ng
RT: 11.122 min Scan# 1536
Delta R.T. -0.006 min
Lab File: BF131301.D
Acq: 18 Nov 2022 17:06



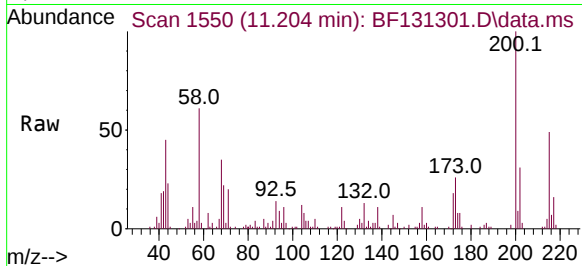
Tgt Ion:284 Resp: 39702
Ion Ratio Lower Upper
284 100
142 29.1 23.4 35.2
249 27.8 25.7 38.5





#69
 Atrazine
 Concen: 8.503 ng
 RT: 11.204 min Scan# 1550
 Delta R.T. -0.012 min
 Lab File: BF131301.D
 Acq: 18 Nov 2022 17:06

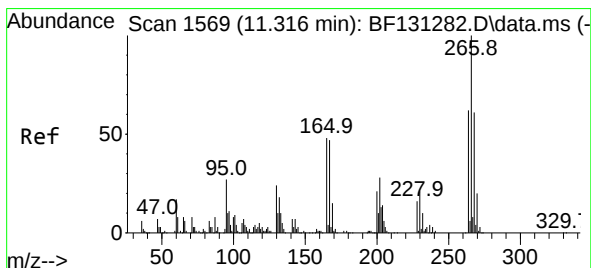
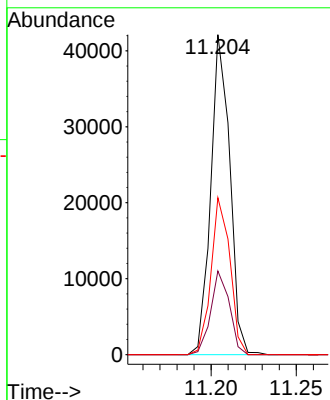
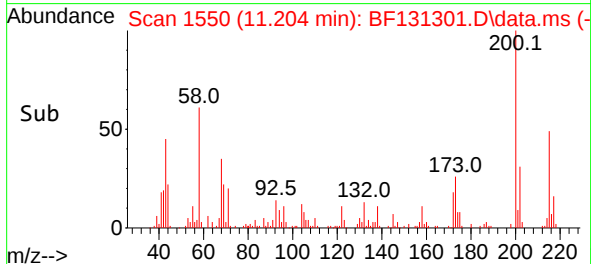
Instrument :
 BNA_F
 ClientSampleId :
 LOQ-WATER-02-QT4-2022



Tgt Ion:200 Resp: 32685
 Ion Ratio Lower Upper
 200 100
 173 26.1 6.0 46.0
 215 49.0 29.0 69.0

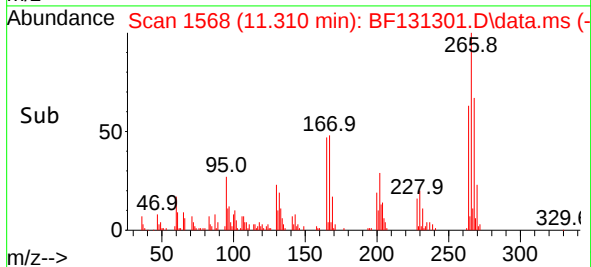
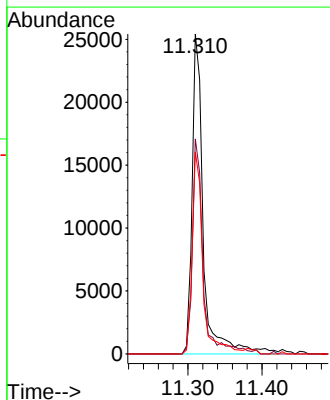
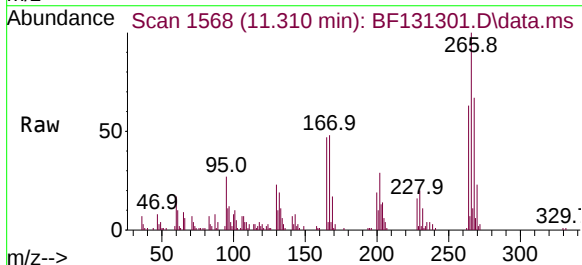
Manual Integrations
 APPROVED

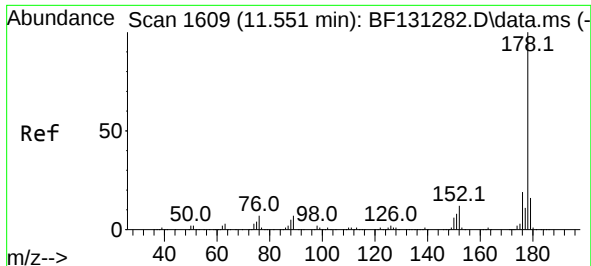
Reviewed By :Christian Giraldo 11/21/2022
 Supervised By :Jagrut Upadhyay 11/21/2022



#70
 Pentachlorophenol
 Concen: 10.261 ng
 RT: 11.310 min Scan# 1568
 Delta R.T. -0.006 min
 Lab File: BF131301.D
 Acq: 18 Nov 2022 17:06

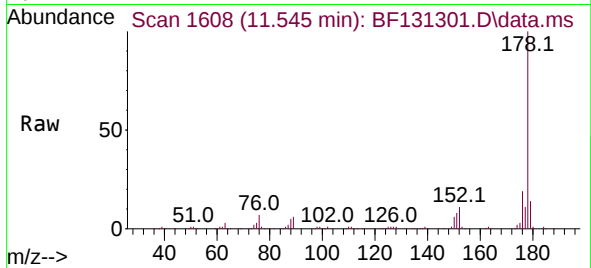
Tgt Ion:266 Resp: 26686
 Ion Ratio Lower Upper
 266 100
 268 73.0 49.0 73.4
 264 63.1 49.7 74.5





#71
Phenanthrene
Concen: 7.989 ng
RT: 11.545 min Scan# 1608
Delta R.T. -0.006 min
Lab File: BF131301.D
Acq: 18 Nov 2022 17:06

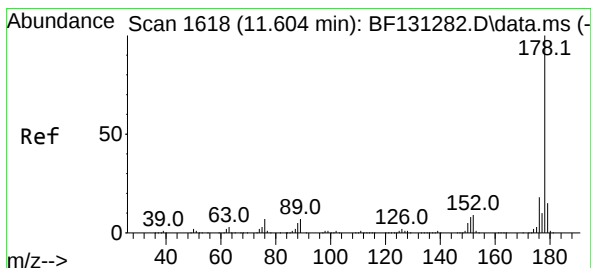
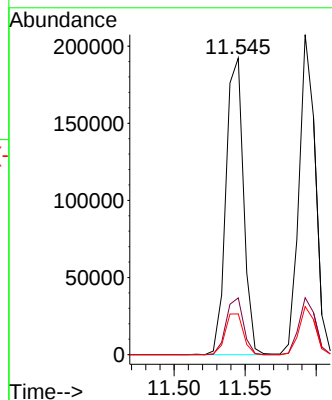
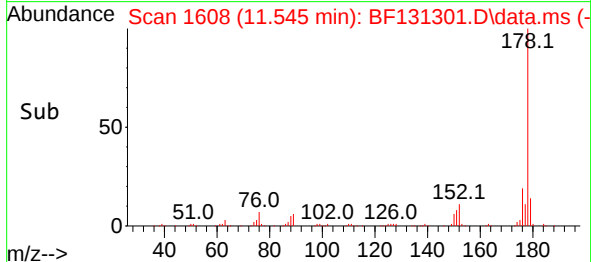
Instrument : BNA_F
ClientSampleId :
LOQ-WATER-02-QT4-2022



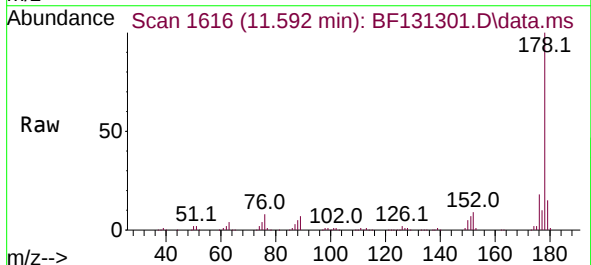
Tgt Ion:178 Resp: 165175
Ion Ratio Lower Upper
178 100
176 19.1 15.5 23.3
179 13.7 12.4 18.6

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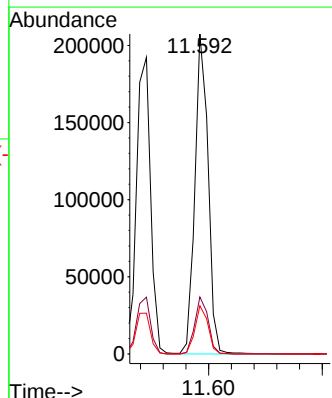
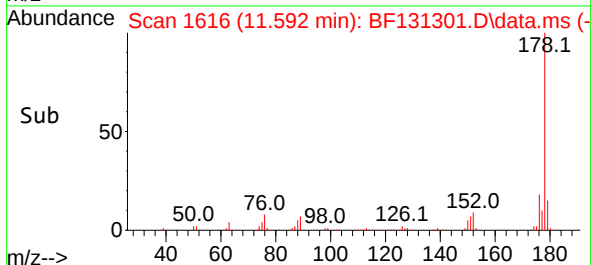
Reviewed By :Christian Giraldo 11/21/2022
Supervised By :Jagrut Upadhyay 11/21/2022

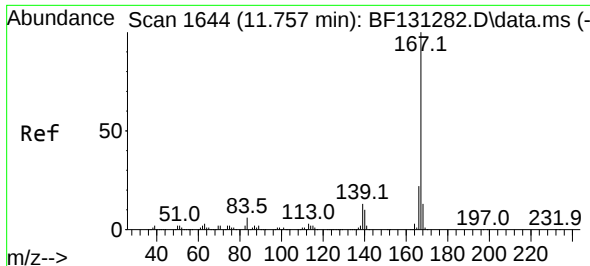


#72
Anthracene
Concen: 8.277 ng
RT: 11.592 min Scan# 1616
Delta R.T. -0.012 min
Lab File: BF131301.D
Acq: 18 Nov 2022 17:06



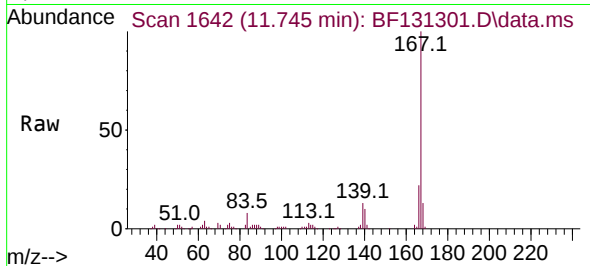
Tgt Ion:178 Resp: 167354
Ion Ratio Lower Upper
178 100
176 17.8 14.6 22.0
179 15.0 12.0 18.0





#73
 Carbazole
 Concen: 8.173 ng
 RT: 11.745 min Scan# 1642
 Delta R.T. -0.012 min
 Lab File: BF131301.D
 Acq: 18 Nov 2022 17:06

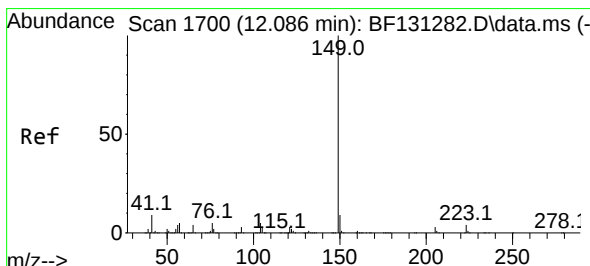
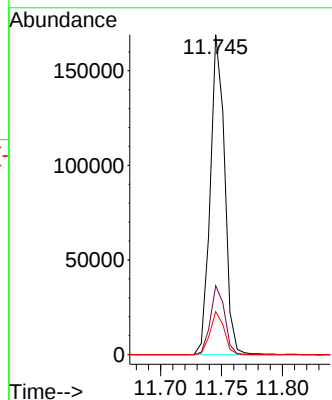
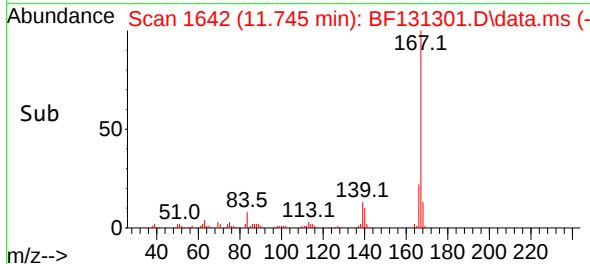
Instrument : BNA_F
 ClientSampleId :
 LOQ-WATER-02-QT4-2022



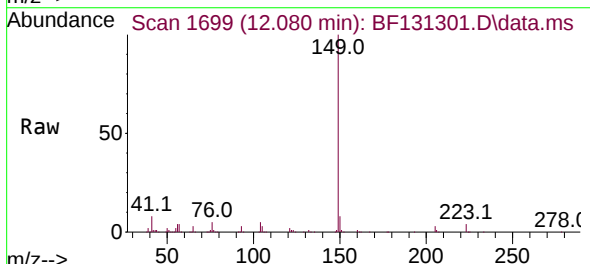
Tgt Ion:167 Resp: 138908
 Ion Ratio Lower Upper
 167 100
 166 21.5 17.4 26.2
 139 13.5 10.2 15.4

Manual Integrations
 APPROVED

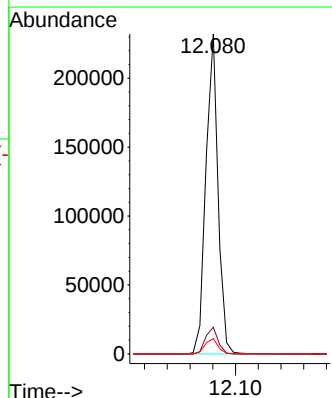
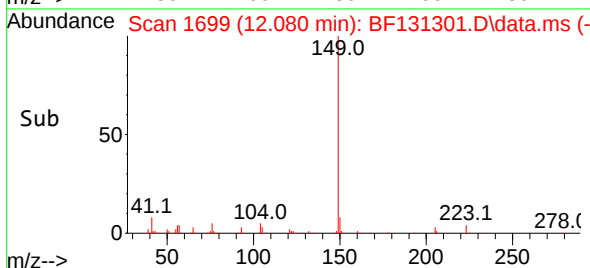
Reviewed By :Christian Giraldo 11/21/2022
 Supervised By :Jagrut Upadhyay 11/21/2022

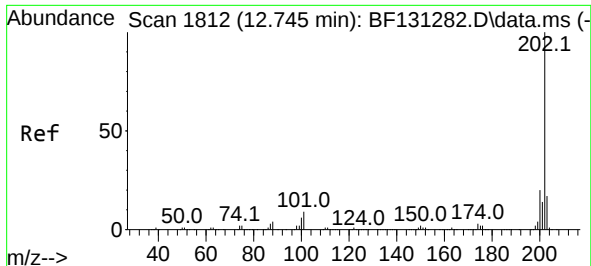


#74
 Di-n-butylphthalate
 Concen: 8.389 ng
 RT: 12.080 min Scan# 1699
 Delta R.T. -0.006 min
 Lab File: BF131301.D
 Acq: 18 Nov 2022 17:06



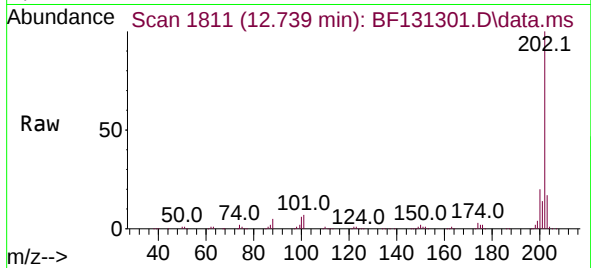
Tgt Ion:149 Resp: 172174
 Ion Ratio Lower Upper
 149 100
 150 8.3 7.1 10.7
 104 4.8 4.3 6.5





#75
Fluoranthene
Concen: 8.010 ng
RT: 12.739 min Scan# 1811
Delta R.T. -0.006 min
Lab File: BF131301.D
Acq: 18 Nov 2022 17:06

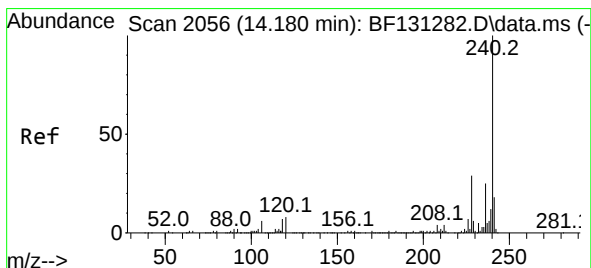
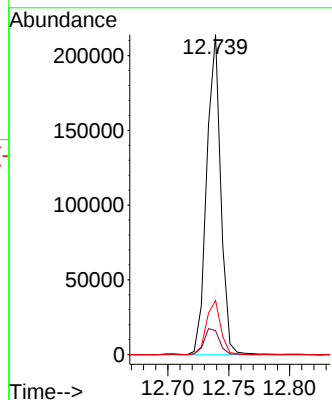
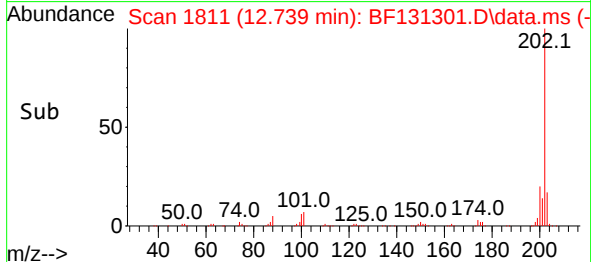
Instrument :
BNA_F
ClientSampleId :
LOQ-WATER-02-QT4-2022



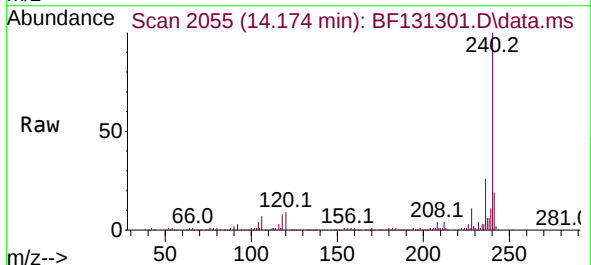
Tgt Ion:202 Resp: 171868
Ion Ratio Lower Upper
202 100
101 7.5 0.0 28.5
203 16.9 0.0 37.3

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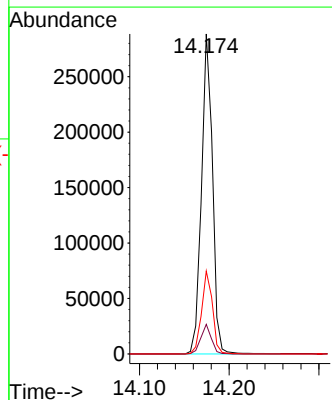
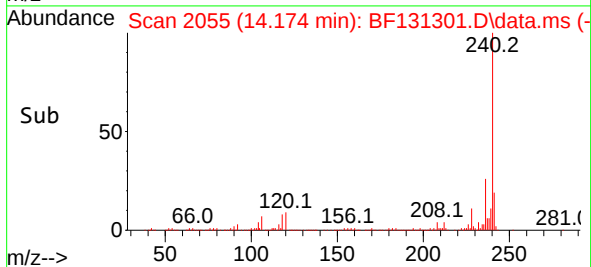
Reviewed By :Christian Giraldo 11/21/2022
Supervised By :Jagrut Upadhyay 11/21/2022

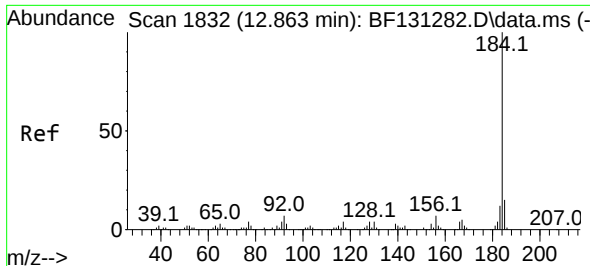


#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.174 min Scan# 2055
Delta R.T. -0.006 min
Lab File: BF131301.D
Acq: 18 Nov 2022 17:06



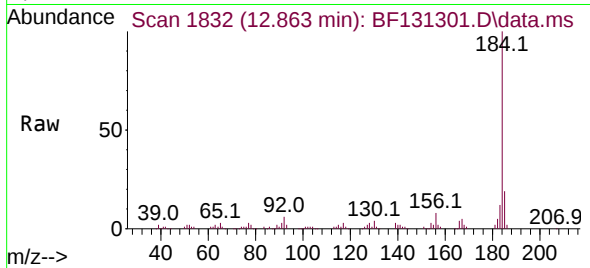
Tgt Ion:240 Resp: 245174
Ion Ratio Lower Upper
240 100
120 9.2 6.2 9.2#
236 25.9 19.8 29.6





#77
Benzidine
Concen: 12.994 ng
RT: 12.863 min Scan# 1832
Delta R.T. -0.000 min
Lab File: BF131301.D
Acq: 18 Nov 2022 17:06

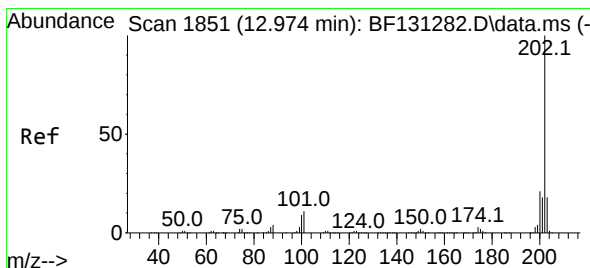
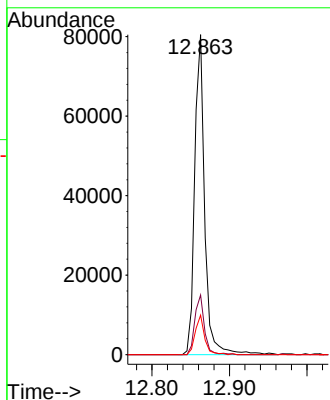
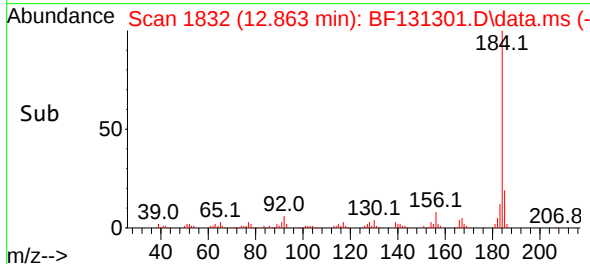
Instrument :
BNA_F
ClientSampleId :
LOQ-WATER-02-QT4-2022



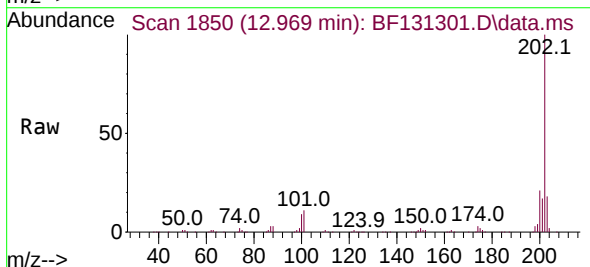
Tgt Ion:184 Resp: 72059
Ion Ratio Lower Upper
184 100
185 18.7 12.3 18.5
183 12.3 9.3 13.9

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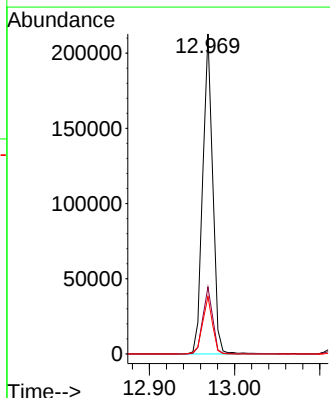
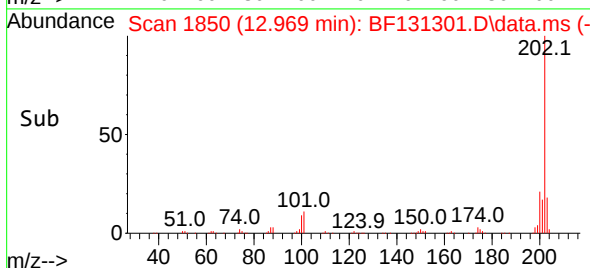
Reviewed By :Christian Giraldo 11/21/2022
Supervised By :Jagrut Upadhyay 11/21/2022

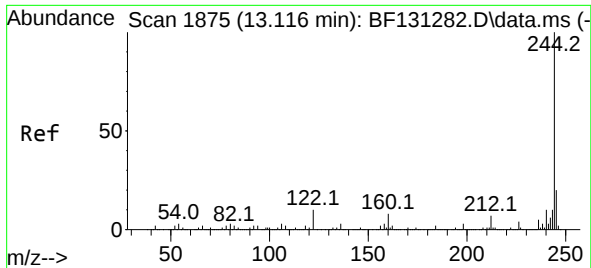


#78
Pyrene
Concen: 7.340 ng
RT: 12.969 min Scan# 1850
Delta R.T. -0.006 min
Lab File: BF131301.D
Acq: 18 Nov 2022 17:06



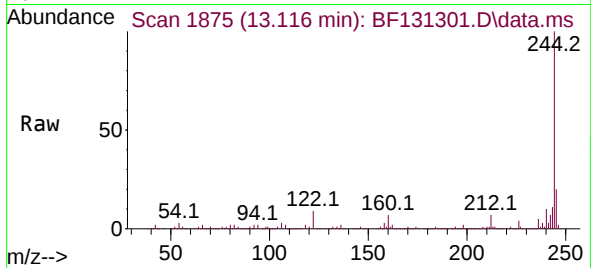
Tgt Ion:202 Resp: 173152
Ion Ratio Lower Upper
202 100
200 20.9 17.2 25.8
203 17.9 14.3 21.5





#79
 Terphenyl-d14
 Concen: 55.802 ng
 RT: 13.116 min Scan# 1875
 Delta R.T. 0.000 min
 Lab File: BF131301.D
 Acq: 18 Nov 2022 17:06

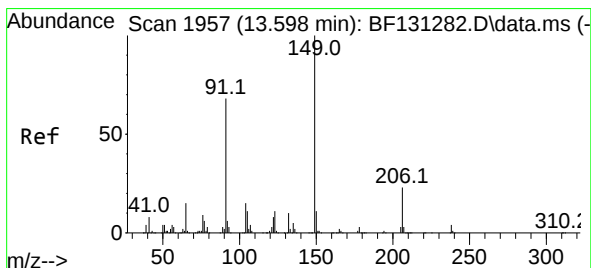
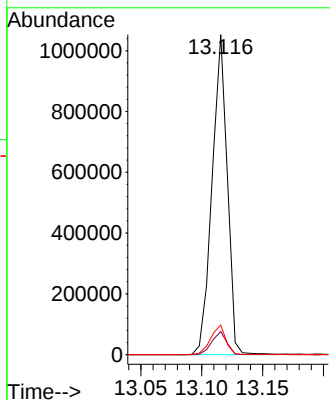
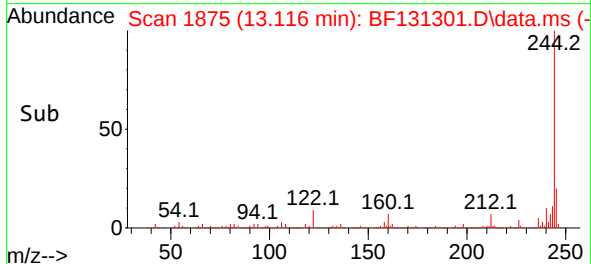
Instrument :
 BNA_F
 ClientSampleId :
 LOQ-WATER-02-QT4-2022



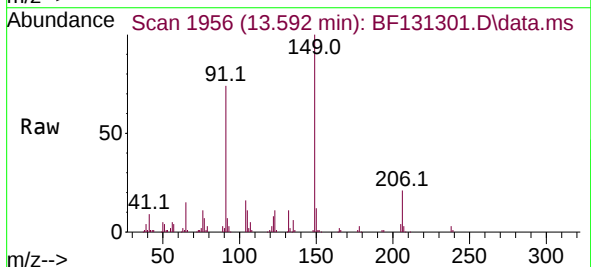
Tgt Ion:244 Resp: 915278
 Ion Ratio Lower Upper
 244 100
 212 7.2 5.8 8.6
 122 9.2 7.8 11.8

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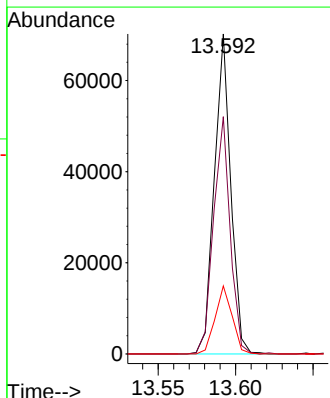
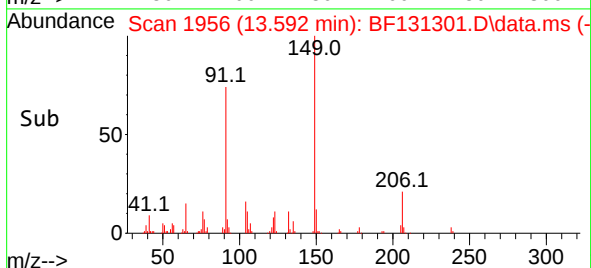
Reviewed By :Christian Giraldo 11/21/2022
 Supervised By :Jagrut Upadhyay 11/21/2022

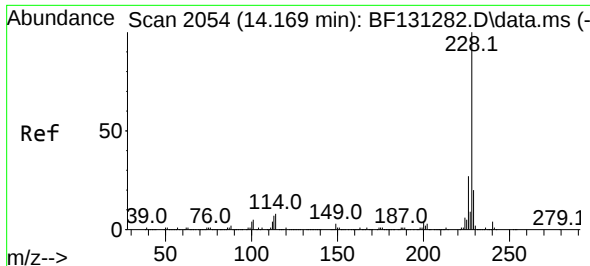


#80
 Butylbenzylphthalate
 Concen: 7.281 ng
 RT: 13.592 min Scan# 1956
 Delta R.T. -0.006 min
 Lab File: BF131301.D
 Acq: 18 Nov 2022 17:06



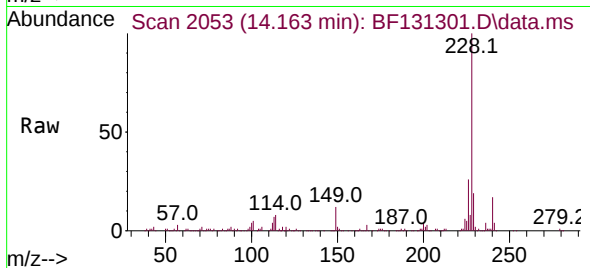
Tgt Ion:149 Resp: 51957
 Ion Ratio Lower Upper
 149 100
 91 74.1 54.6 82.0
 206 21.2 18.1 27.1





#81
Benzo(a)anthracene
Concen: 7.682 ng
RT: 14.163 min Scan# 2054
Delta R.T. -0.006 min
Lab File: BF131301.D
Acq: 18 Nov 2022 17:06

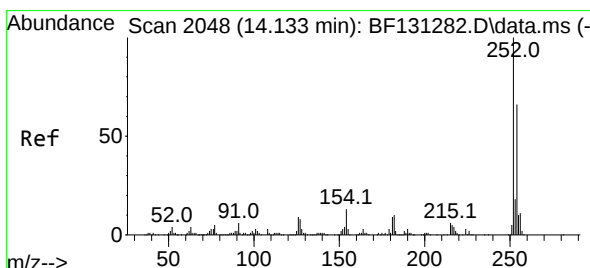
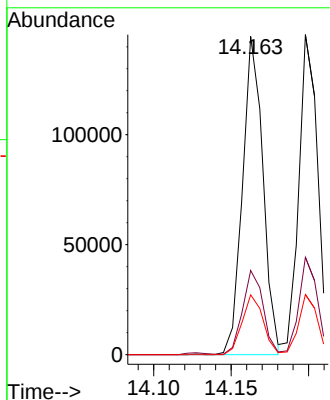
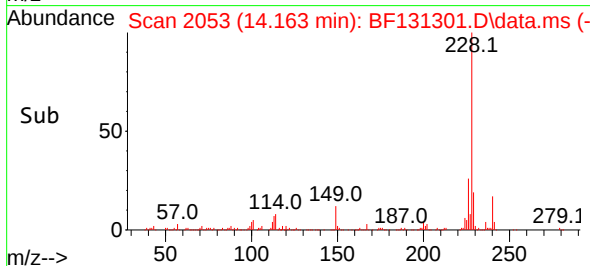
Instrument : BNA_F
ClientSampleId :
LOQ-WATER-02-QT4-2022



Tgt Ion:228 Resp: 132789
Ion Ratio Lower Upper
228 100
226 26.4 21.5 32.3
229 18.8 16.1 24.1

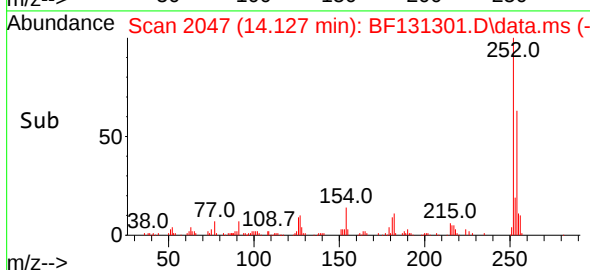
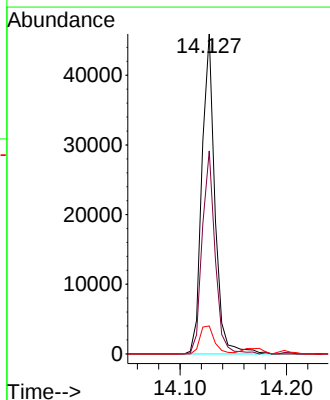
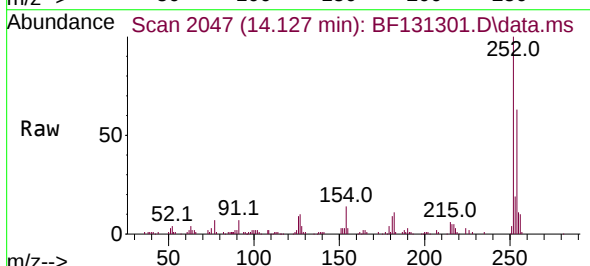
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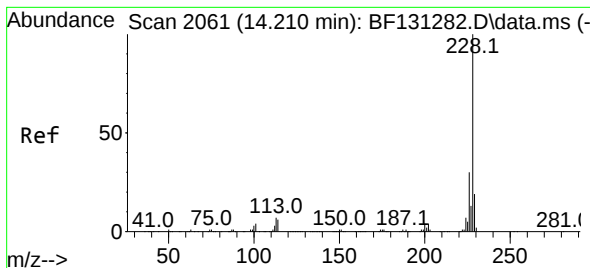
Reviewed By :Christian Giraldo 11/21/2022
Supervised By :Jagrut Upadhyay 11/21/2022



#82
3,3'-Dichlorobenzidine
Concen: 8.449 ng
RT: 14.127 min Scan# 2047
Delta R.T. -0.006 min
Lab File: BF131301.D
Acq: 18 Nov 2022 17:06

Tgt Ion:252 Resp: 38772
Ion Ratio Lower Upper
252 100
254 63.4 52.6 78.8
126 8.7 7.0 10.6





#83

Chrysene

Concen: 7.553 ng

RT: 14.198 min Scan# 2059

Delta R.T. -0.012 min

Lab File: BF131301.D

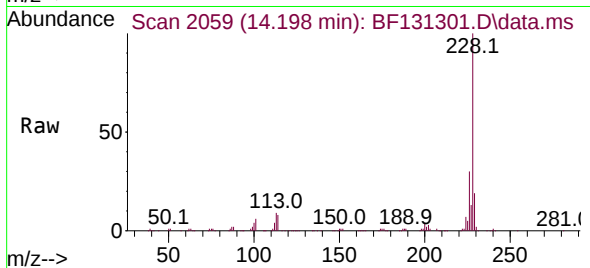
Acq: 18 Nov 2022 17:06

Instrument :

BNA_F

ClientSampleId :

LOQ-WATER-02-QT4-2022



Tgt Ion:228 Resp: 12486

Ion Ratio Lower Upper

228 100

226 30.4 23.8 35.6

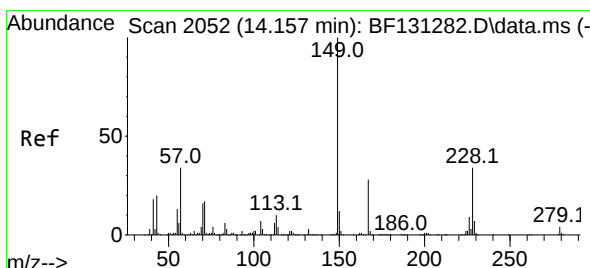
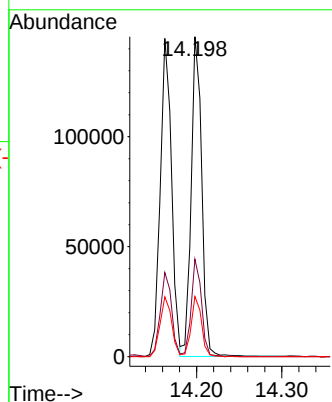
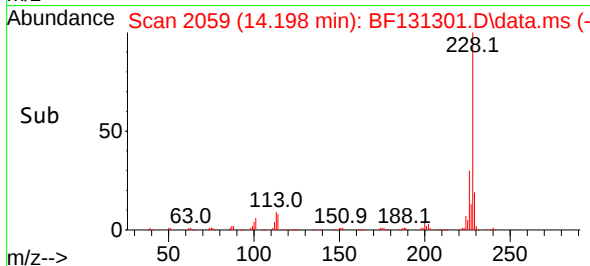
229 18.8 15.2 22.8

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Reviewed By :Christian Giraldo 11/21/2022

Supervised By :Jagrut Upadhyay 11/21/2022



#84

Bis(2-ethylhexyl)phthalate

Concen: 8.041 ng

RT: 14.151 min Scan# 2051

Delta R.T. -0.006 min

Lab File: BF131301.D

Acq: 18 Nov 2022 17:06

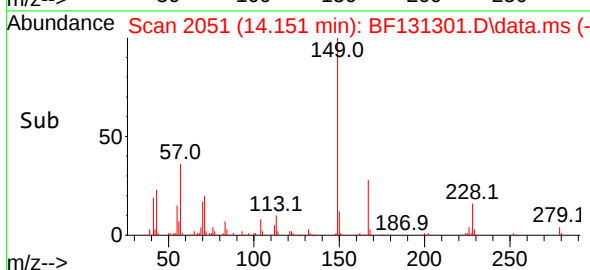
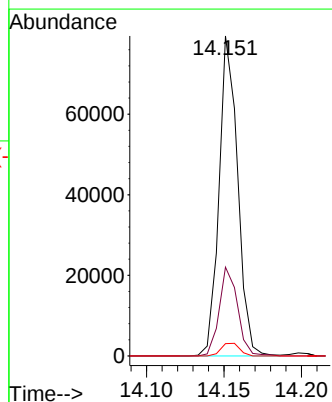
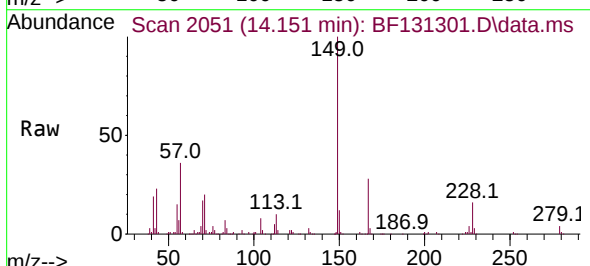
Tgt Ion:149 Resp: 66788

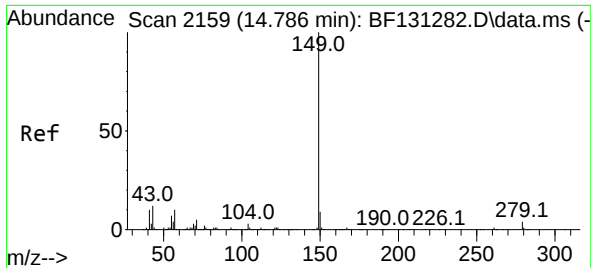
Ion Ratio Lower Upper

149 100

167 27.7 22.2 33.4

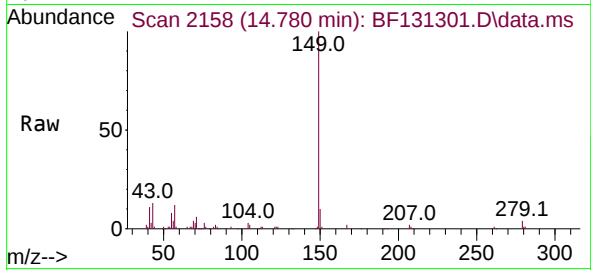
279 3.8 3.4 5.2





#85
Di-n-octyl phthalate
Concen: 6.592 ng
RT: 14.780 min Scan# 2159
Delta R.T. -0.006 min
Lab File: BF131301.D
Acq: 18 Nov 2022 17:06

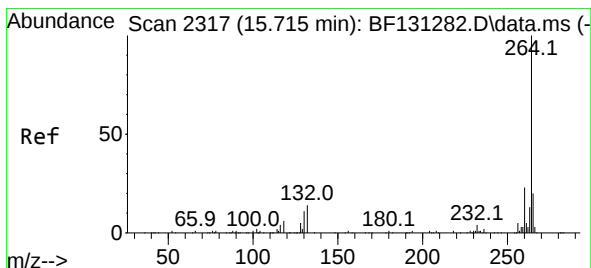
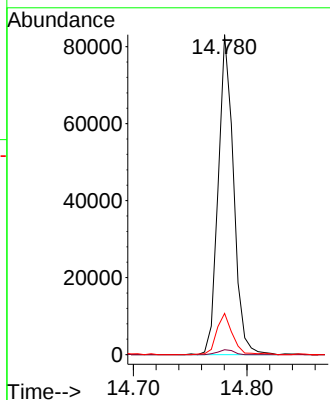
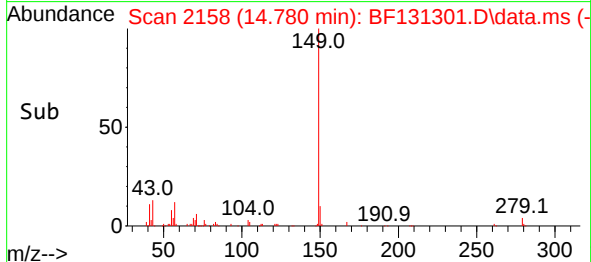
Instrument : BNA_F
ClientSampleId :
LOQ-WATER-02-QT4-2022



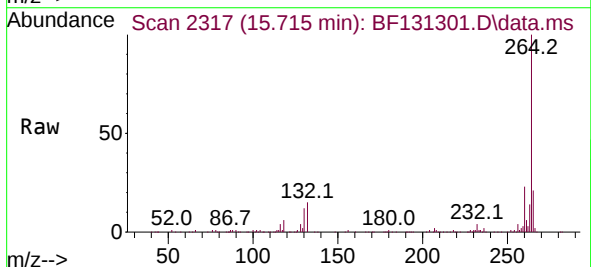
Tgt Ion:149 Resp: 77721
Ion Ratio Lower Upper
149 100
167 1.5 1.2 1.8
43 13.4 10.6 16.0

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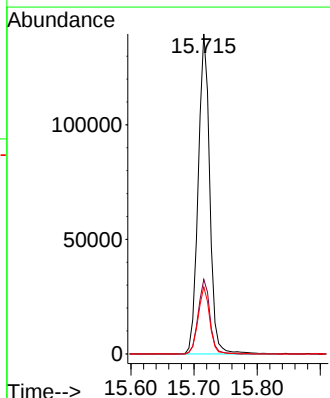
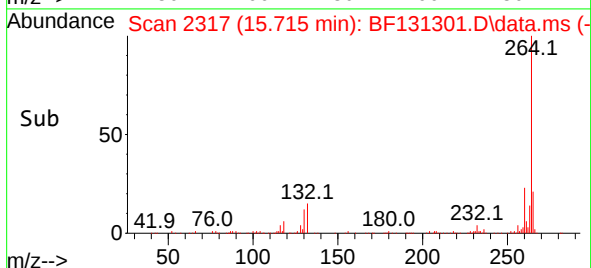
Reviewed By :Christian Giraldo 11/21/2022
Supervised By :Jagrut Upadhyay 11/21/2022

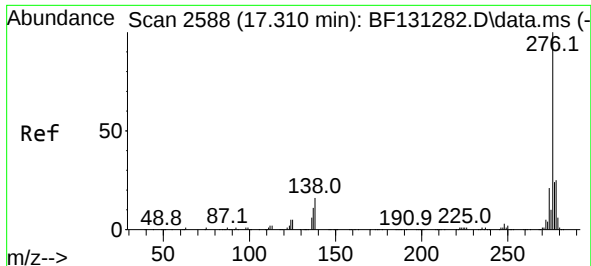


#86
Perylene-d12
Concen: 20.000 ng
RT: 15.715 min Scan# 2317
Delta R.T. 0.000 min
Lab File: BF131301.D
Acq: 18 Nov 2022 17:06



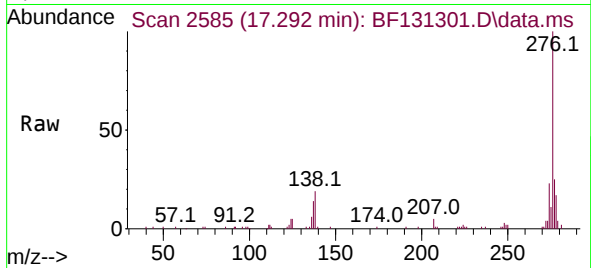
Tgt Ion:264 Resp: 177095
Ion Ratio Lower Upper
264 100
260 23.3 18.7 28.1
265 20.9 16.2 24.4





#87
Indeno(1,2,3-cd)pyrene
Concen: 6.338 ng
RT: 17.292 min Scan# 21
Delta R.T. -0.018 min
Lab File: BF131301.D
Acq: 18 Nov 2022 17:06

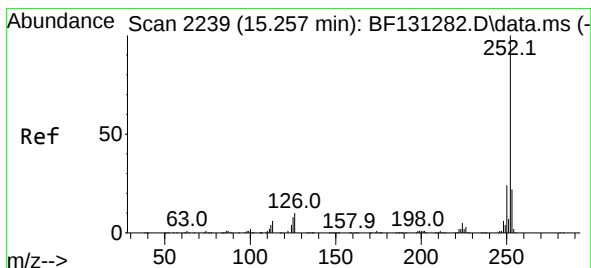
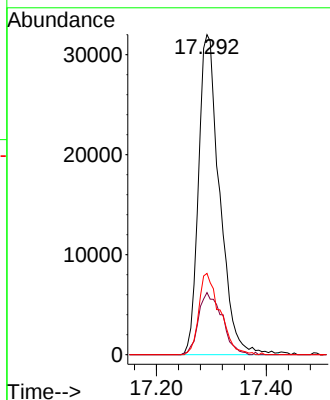
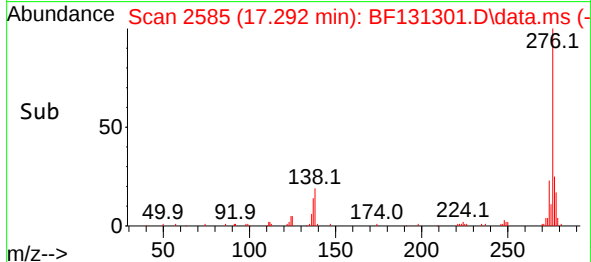
Instrument :
BNA_F
ClientSampleId :
LOQ-WATER-02-QT4-2022



Tgt Ion:276 Resp: 8512
Ion Ratio Lower Upper
276 100
138 21.7 15.1 22.7
277 25.4 20.1 30.1

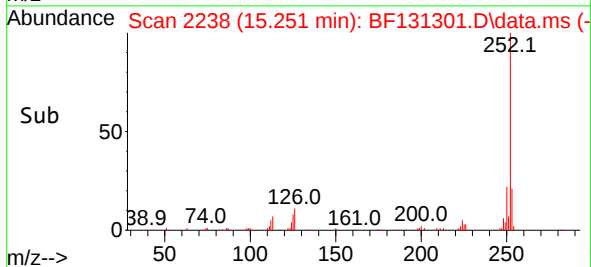
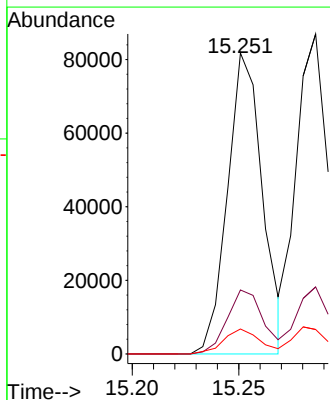
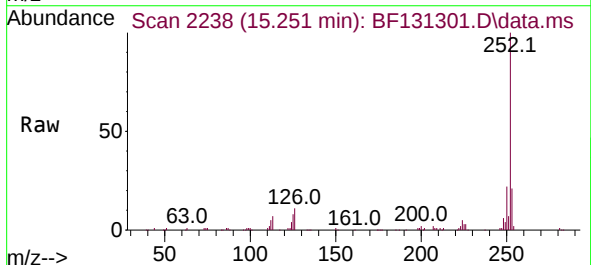
Manual Integrations
APPROVED

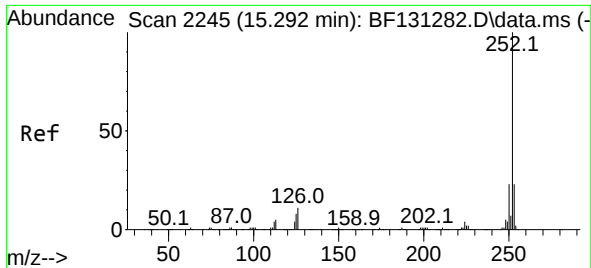
Reviewed By :Christian Giraldo 11/21/2022
Supervised By :Jagrut Upadhyay 11/21/2022



#88
Benzo(b)fluoranthene
Concen: 7.846 ng
RT: 15.251 min Scan# 2238
Delta R.T. -0.006 min
Lab File: BF131301.D
Acq: 18 Nov 2022 17:06

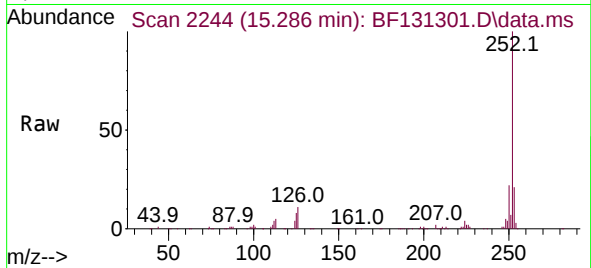
Tgt Ion:252 Resp: 93518
Ion Ratio Lower Upper
252 100
253 21.2 17.4 26.0
125 8.3 6.3 9.5





#89
Benzo(k)fluoranthene
Concen: 7.946 ng
RT: 15.286 min Scan# 21
Delta R.T. -0.006 min
Lab File: BF131301.D
Acq: 18 Nov 2022 17:06

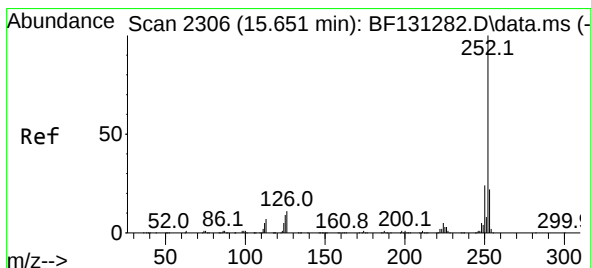
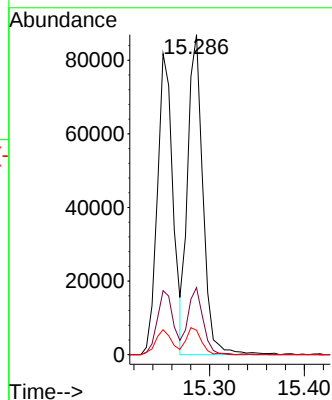
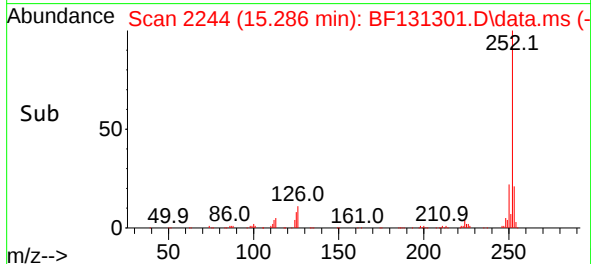
Instrument :
BNA_F
ClientSampleId :
LOQ-WATER-02-QT4-2022



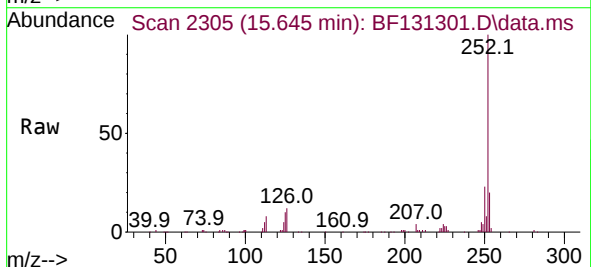
Tgt Ion:252 Resp: 96802
Ion Ratio Lower Upper
252 100
253 20.9 18.0 27.0
125 7.6 6.5 9.7

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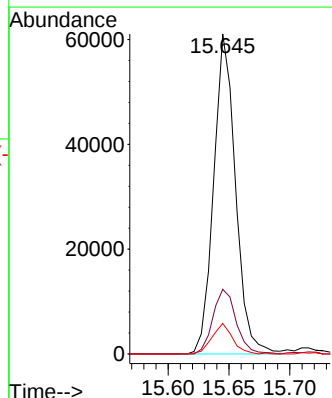
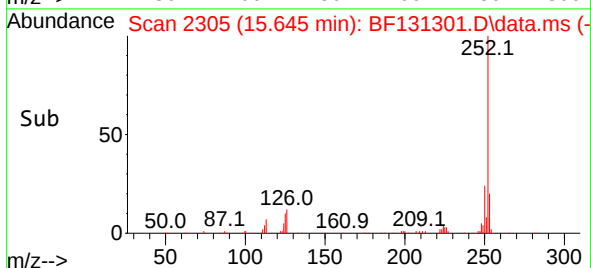
Reviewed By :Christian Giraldo 11/21/2022
Supervised By :Jagrut Upadhyay 11/21/2022

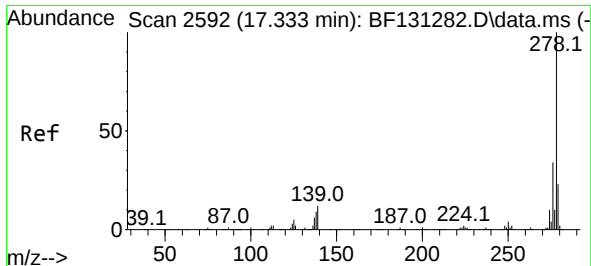


#90
Benzo(a)pyrene
Concen: 7.802 ng
RT: 15.645 min Scan# 2305
Delta R.T. -0.006 min
Lab File: BF131301.D
Acq: 18 Nov 2022 17:06



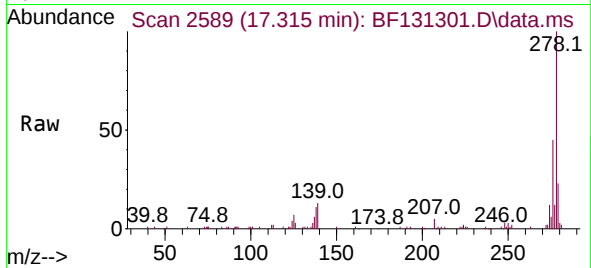
Tgt Ion:252 Resp: 76348
Ion Ratio Lower Upper
252 100
253 20.2 17.7 26.5
125 9.5 7.2 10.8





#91
Dibenzo(a,h)anthracene
Concen: 6.527 ng
RT: 17.315 min Scan# 21
Delta R.T. -0.018 min
Lab File: BF131301.D
Acq: 18 Nov 2022 17:06

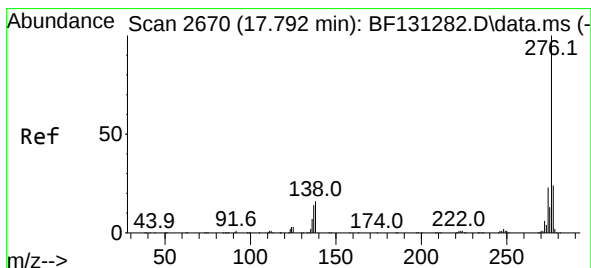
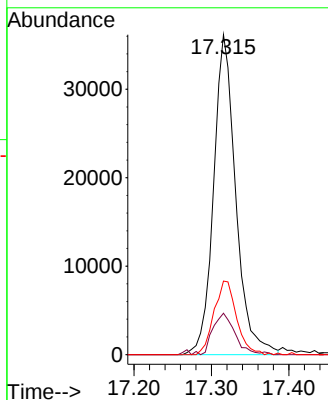
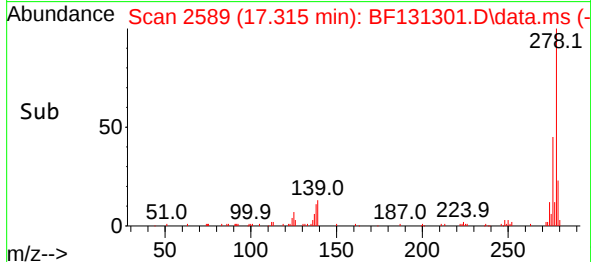
Instrument : BNA_F
ClientSampleId :
LOQ-WATER-02-QT4-2022



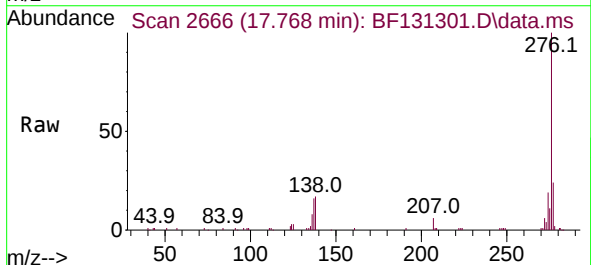
Tgt Ion:278 Resp: 72143
Ion Ratio Lower Upper
278 100
139 12.9 10.0 15.0
279 23.0 18.6 27.8

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



#92
Benzo(g,h,i)perylene
Concen: 6.493 ng
RT: 17.768 min Scan# 2666
Delta R.T. -0.024 min
Lab File: BF131301.D
Acq: 18 Nov 2022 17:06



Tgt Ion:276 Resp: 72556
Ion Ratio Lower Upper
276 100
277 24.0 19.4 29.0
138 16.9 13.0 19.6

