

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF111822\
 Data File : BF131302.D
 Acq On : 18 Nov 2022 17:39
 Operator : CG\JU
 Sample : N4955-08
 Misc : LOQ-WATER 5ppm
 ALS Vial : 14 Sample Multiplier: 1

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

Quant Time: Nov 21 01:37:37 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	84711	20.000	ng	0.00
21) Naphthalene-d8	8.257	136	302195	20.000	ng	0.00
39) Acenaphthene-d10	10.022	164	178617	20.000	ng	0.00
64) Phenanthrene-d10	11.522	188	325138	20.000	ng	0.00
76) Chrysene-d12	14.174	240	213395	20.000	ng	0.00
86) Perylene-d12	15.715	264	160332	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.569	112	476473	102.950	ng	0.00
7) Phenol-d6	6.581	99	597428	101.824	ng	0.00
23) Nitrobenzene-d5	7.534	82	447783	79.152	ng	0.00
42) 2,4,6-Tribromophenol	10.816	330	170069	106.959	ng	0.00
45) 2-Fluorobiphenyl	9.339	172	891231	71.265	ng	0.00
79) Terphenyl-d14	13.116	244	997123	69.846	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	2.769	88	10695	4.998	ng	95
3) Pyridine	3.569	79	25964m	4.355	ng	
4) n-Nitrosodimethylamine	3.487	42	16777	4.535	ng	# 88
6) Aniline	6.628	93	40462	5.510	ng	97
8) 2-Chlorophenol	6.751	128	26415	5.156	ng	90
9) Benzaldehyde	6.516	77	24863	5.837	ng	100
10) Phenol	6.593	94	31744	4.888	ng	95
11) bis(2-Chloroethyl)ether	6.698	93	27129	5.190	ng	97
12) 1,3-Dichlorobenzene	6.910	146	30327m	4.976	ng	
13) 1,4-Dichlorobenzene	6.987	146	31182	5.032	ng	97
14) 1,2-Dichlorobenzene	7.140	146	28999	5.027	ng	98
15) Benzyl Alcohol	7.122	79	21152	4.233	ng	# 67
16) 2,2'-oxybis(1-Chloropr...	7.240	45	50962	5.149	ng	98
17) 2-Methylphenol	7.204	107	21492	4.799	ng	98
18) Hexachloroethane	7.487	117	11463	5.202	ng	93
19) n-Nitroso-di-n-propyla...	7.369	70	20817	4.933	ng	96
20) 3+4-Methylphenols	7.357	107	28294	4.946	ng	93
22) Acetophenone	7.375	105	43476	5.445	ng	# 98
24) Nitrobenzene	7.551	77	34178	5.969	ng	94
25) Isophorone	7.787	82	57024	5.280	ng	99
26) 2-Nitrophenol	7.869	139	9020	4.974	ng	96
27) 2,4-Dimethylphenol	7.898	122	22810	5.372	ng	98
28) bis(2-Chloroethoxy)met...	7.998	93	33100	5.487	ng	99
29) 2,4-Dichlorophenol	8.104	162	22143	4.869	ng	95
30) 1,2,4-Trichlorobenzene	8.198	180	27804	4.924	ng	96
31) Naphthalene	8.281	128	80783	4.930	ng	100
32) Benzoic acid	7.934	122	7486m	2.947	ng	
33) 4-Chloroaniline	8.322	127	33271	5.227	ng	95
34) Hexachlorobutadiene	8.392	225	18324	4.911	ng	97
35) Caprolactam	8.651	113	6462	5.104	ng	93
36) 4-Chloro-3-methylphenol	8.798	107	22593	4.609	ng	95
37) 2-Methylnaphthalene	8.975	142	54346	4.921	ng	99
38) 1-Methylnaphthalene	9.075	142	53110	4.963	ng	100
40) 1,2,4,5-Tetrachloroben...	9.134	216	30868	5.282	ng	96
41) Hexachlorocyclopentadiene	9.128	237	12812	5.068	ng	97
43) 2,4,6-Trichlorophenol	9.245	196	13421	3.862	ng	96

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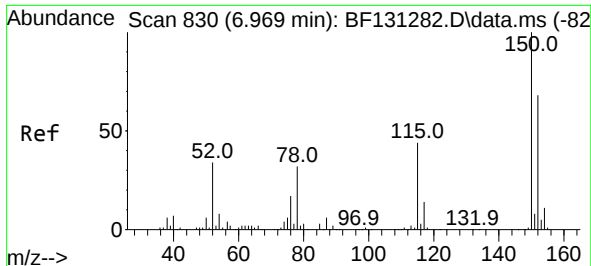
Quant Time: Nov 21 01:37:37 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF111722.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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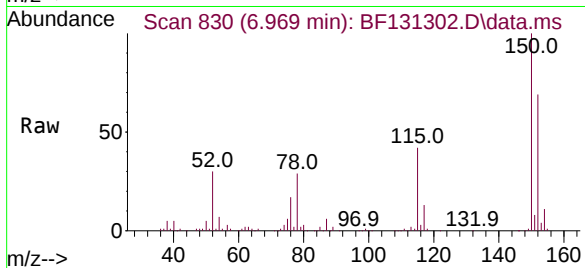
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.281	196	18905	4.993	ng	92
46) 1,1'-Biphenyl	9.439	154	74973	5.436	ng	98
47) 2-Chloronaphthalene	9.463	162	54506	4.922	ng	96
48) 2-Nitroaniline	9.557	65	13876	4.533	ng	97
49) Acenaphthylene	9.881	152	83201	4.918	ng	99
50) Dimethylphthalate	9.733	163	65443	5.060	ng	99
51) 2,6-Dinitrotoluene	9.798	165	10437	4.913	ng	93
52) Acenaphthene	10.057	154	50725	4.806	ng	99
53) 3-Nitroaniline	9.969	138	10860	4.830	ng	81
54) 2,4-Dinitrophenol	10.069	184	1828	2.443	ng	# 59
55) Dibenzofuran	10.228	168	76528	5.000	ng	98
56) 4-Nitrophenol	10.110	139	5952	3.518	ng	# 78
57) 2,4-Dinitrotoluene	10.198	165	11575	4.506	ng	91
58) Fluorene	10.575	166	62176	5.115	ng	100
59) 2,3,4,6-Tetrachlorophenol	10.339	232	14068	4.387	ng	100
60) Diethylphthalate	10.439	149	62685	5.080	ng	98
61) 4-Chlorophenyl-phenyle...	10.569	204	32431	5.263	ng	89
62) 4-Nitroaniline	10.575	138	10246	4.485	ng	94
63) Azobenzene	10.728	77	63642	4.966	ng	98
65) 4,6-Dinitro-2-methylph...	10.604	198	2916	2.587	ng	82
66) n-Nitrosodiphenylamine	10.680	169	51505	4.916	ng	96
67) 4-Bromophenyl-phenylether	11.063	248	19612	5.027	ng	# 86
68) Hexachlorobenzene	11.122	284	22029	5.204	ng	98
69) Atrazine	11.204	200	18128	5.423	ng	96
70) Pentachlorophenol	11.310	266	7317	3.236	ng	89
71) Phenanthrene	11.545	178	89108	4.956	ng	97
72) Anthracene	11.592	178	89907	5.114	ng	99
73) Carbazole	11.745	167	76506	5.176	ng	97
74) Di-n-butylphthalate	12.080	149	92099	5.161	ng	99
75) Fluoranthene	12.739	202	91996	4.931	ng	97
77) Benzidine	12.863	184	35202	7.293	ng	94
78) Pyrene	12.969	202	94699	4.612	ng	96
80) Butylbenzylphthalate	13.592	149	26020	4.190	ng	98
81) Benzo(a)anthracene	14.163	228	71619	4.760	ng	96
82) 3,3'-Dichlorobenzidine	14.127	252	19393	4.856	ng	96
83) Chrysene	14.198	228	68014	4.727	ng	97
84) Bis(2-ethylhexyl)phtha...	14.151	149	33378	4.617	ng	99
85) Di-n-octyl phthalate	14.780	149	43011	4.191	ng	98
87) Indeno(1,2,3-cd)pyrene	17.292	276	47432	3.901	ng	95
88) Benzo(b)fluoranthene	15.251	252	50974m	4.724	ng	
89) Benzo(k)fluoranthene	15.286	252	52663	4.775	ng	96
90) Benzo(a)pyrene	15.645	252	43002	4.854	ng	99
91) Dibenzo(a,h)anthracene	17.315	278	41278	4.125	ng	100
92) Benzo(g,h,i)perylene	17.768	276	42718	4.222	ng	94

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



#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.969 min Scan# 830
Delta R.T. -0.000 min
Lab File: BF131302.D
Acq: 18 Nov 2022 17:39

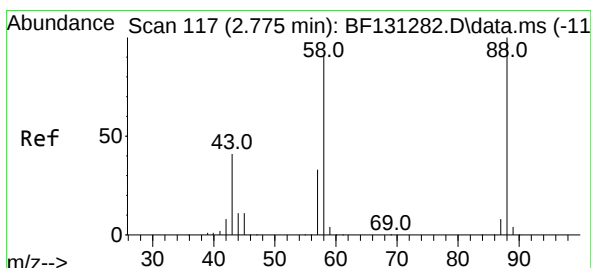
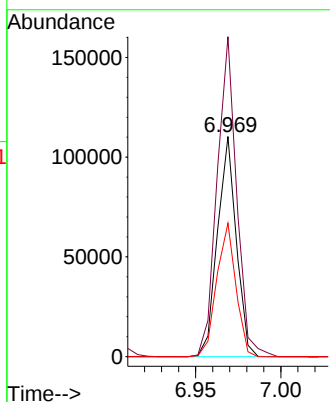
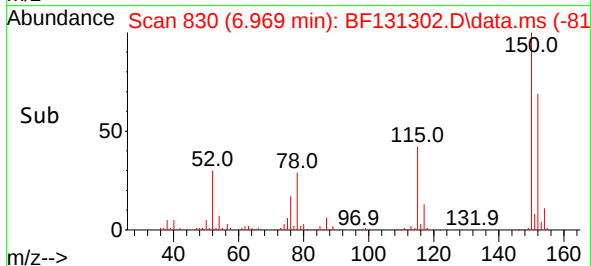
Instrument : BNA_F
ClientSampleId : LOQ-WATER-02-QT4-2022



Tgt Ion:152 Resp: 84711
Ion Ratio Lower Upper
152 100
150 145.4 117.8 176.6
115 60.6 52.2 78.4

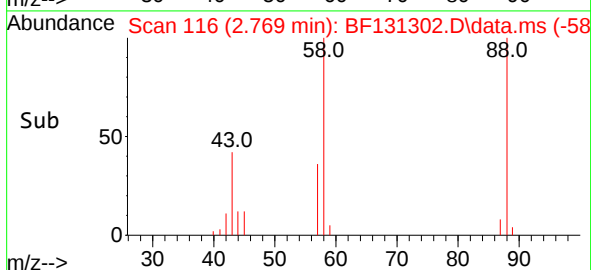
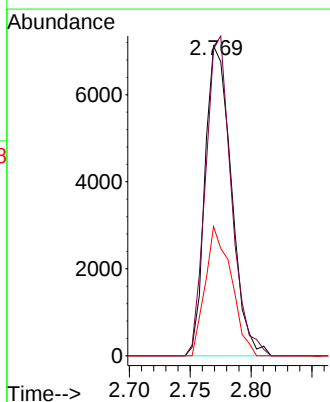
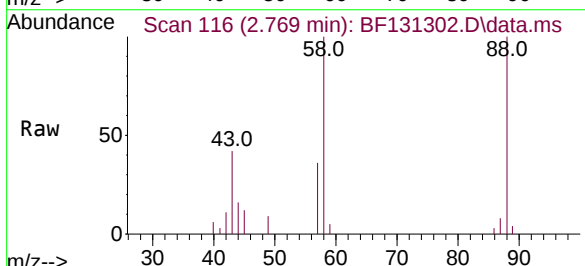
Manual Integrations
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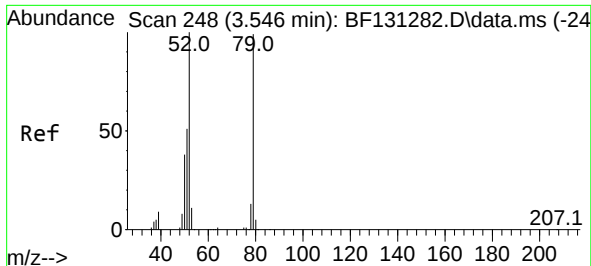
Reviewed By :Christian Giraldo 11/21/2022
Supervised By :Jagrut Upadhyay 11/21/2022



#2
1,4-Dioxane
Concen: 4.998 ng
RT: 2.769 min Scan# 116
Delta R.T. -0.006 min
Lab File: BF131302.D
Acq: 18 Nov 2022 17:39

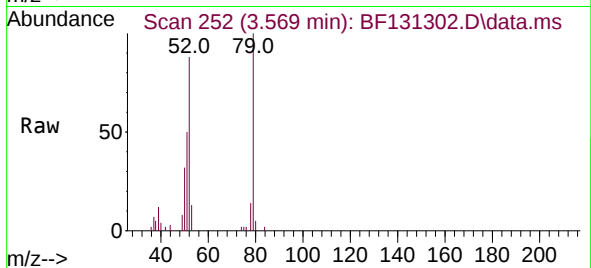
Tgt Ion: 88 Resp: 10695
Ion Ratio Lower Upper
88 100
58 101.1 76.0 114.0
43 41.3 32.4 48.6





#3
Pyridine
Concen: 4.355 ng m
RT: 3.569 min Scan# 21
Delta R.T. 0.023 min
Lab File: BF131302.D
Acq: 18 Nov 2022 17:39

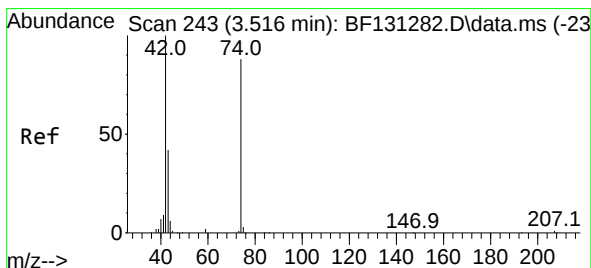
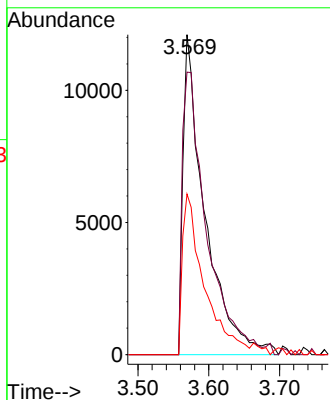
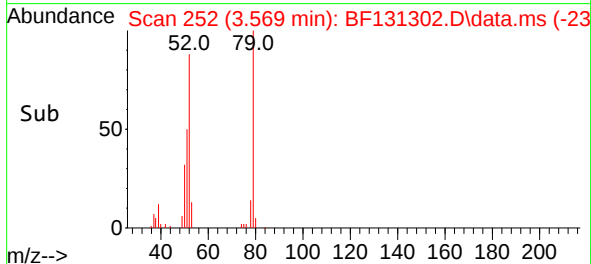
Instrument :
BNA_F
ClientSampleId :
LOQ-WATER-02-QT4-2022



Tgt Ion: 79 Resp: 25964
Ion Ratio Lower Upper
79 100
52 88.3 80.7 121.1
51 50.2 41.6 62.4

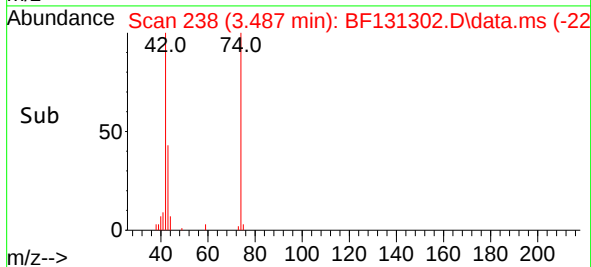
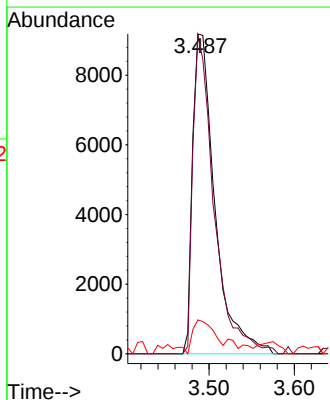
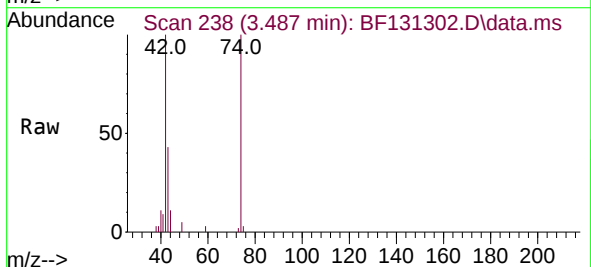
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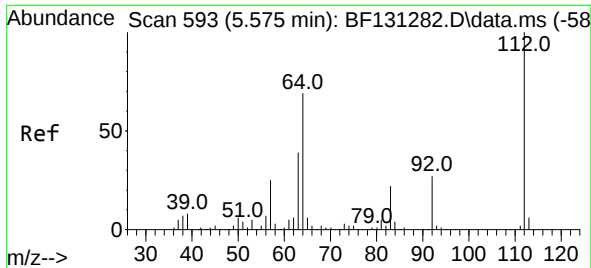
Reviewed By :Christian Giraldo 11/21/2022
Supervised By :Jagrut Upadhyay 11/21/2022



#4
n-Nitrosodimethylamine
Concen: 4.535 ng
RT: 3.487 min Scan# 238
Delta R.T. -0.029 min
Lab File: BF131302.D
Acq: 18 Nov 2022 17:39

Tgt Ion: 42 Resp: 16777
Ion Ratio Lower Upper
42 100
74 99.6 70.3 105.5
44 10.6 5.4 8.2#





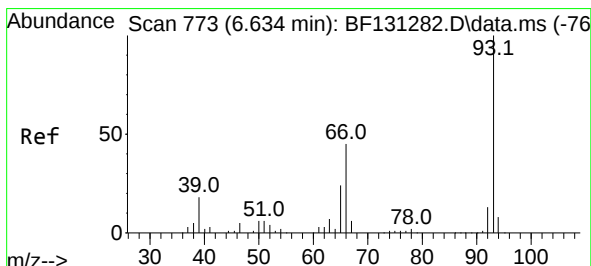
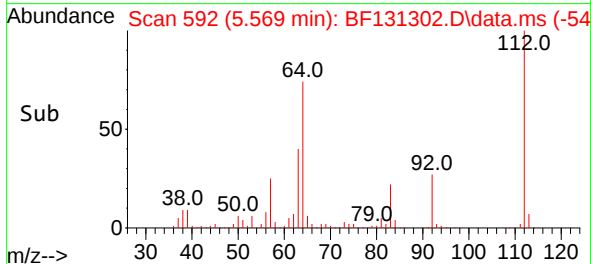
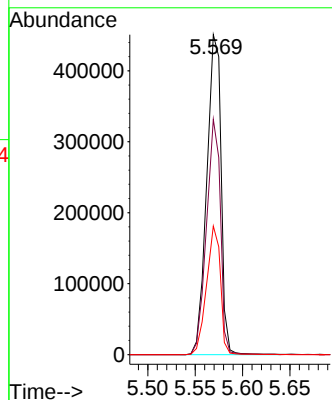
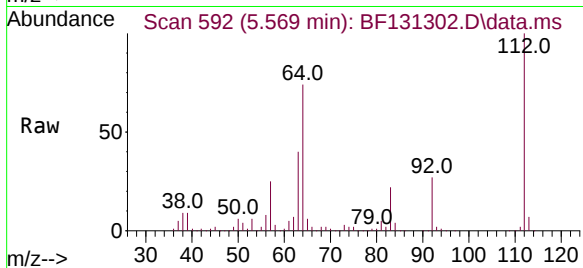
#5
2-Fluorophenol
Concen: 102.950 ng
RT: 5.569 min Scan# 593
Delta R.T. -0.006 min
Lab File: BF131302.D
Acq: 18 Nov 2022 17:39

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

Tgt Ion:112 Resp: 476473
Ion Ratio Lower Upper
112 100
64 73.5 55.5 83.3
63 40.2 31.0 46.6

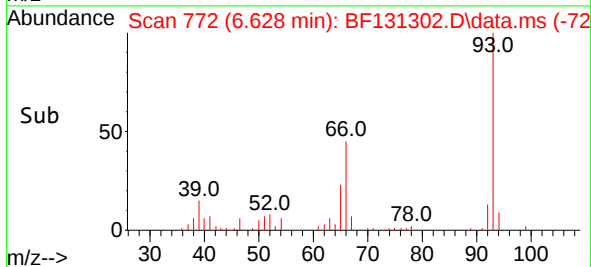
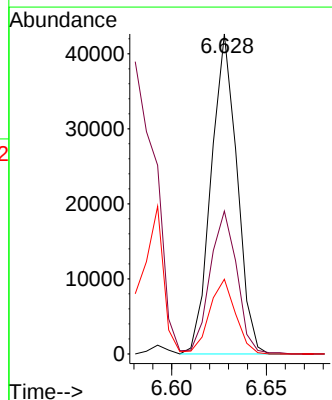
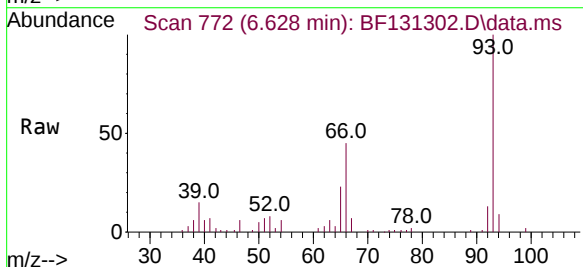
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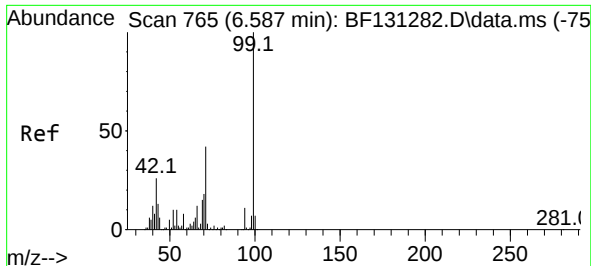
Reviewed By :Christian Giraldo 11/21/2022
Supervised By :Jagrut Upadhyay 11/21/2022



#6
Aniline
Concen: 5.510 ng
RT: 6.628 min Scan# 772
Delta R.T. -0.006 min
Lab File: BF131302.D
Acq: 18 Nov 2022 17:39

Tgt Ion: 93 Resp: 40462
Ion Ratio Lower Upper
93 100
66 44.6 37.7 56.5
65 23.3 19.5 29.3





#7

Phenol-d6

Concen: 101.824 ng

RT: 6.581 min Scan# 764

Delta R.T. -0.006 min

Lab File: BF131302.D

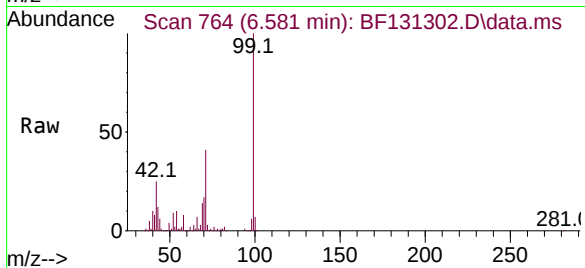
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Instrument :

BNA_F

ClientSampleId :

LOQ-WATER-02-QT4-2022

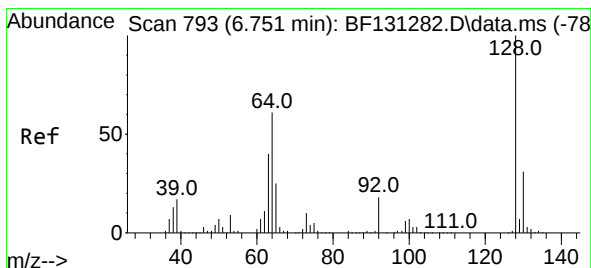
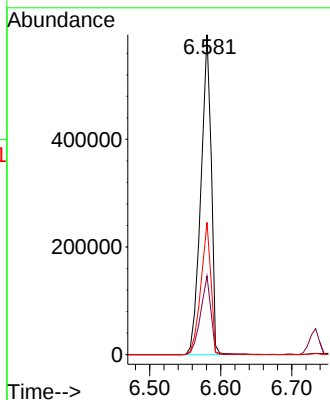
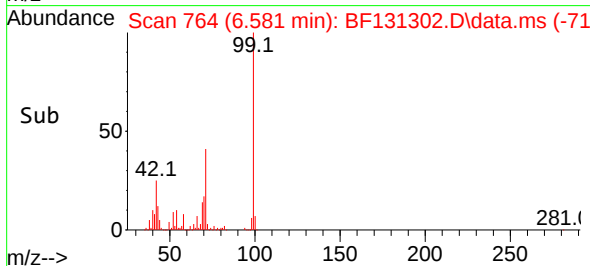


Tgt Ion: 99 Resp: 597428

Ion	Ratio	Lower	Upper
99	100		
42	24.6	21.2	31.8
71	41.3	33.8	50.6

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#8

2-Chlorophenol

Concen: 5.156 ng

RT: 6.751 min Scan# 793

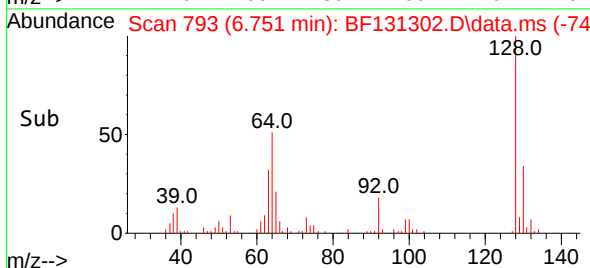
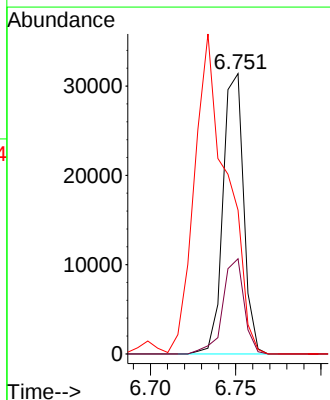
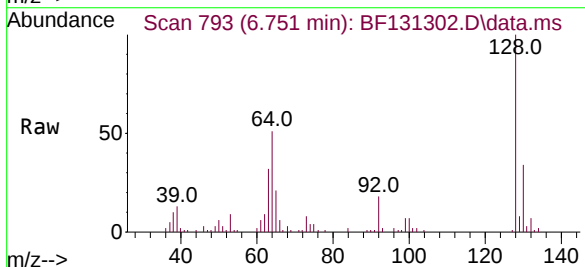
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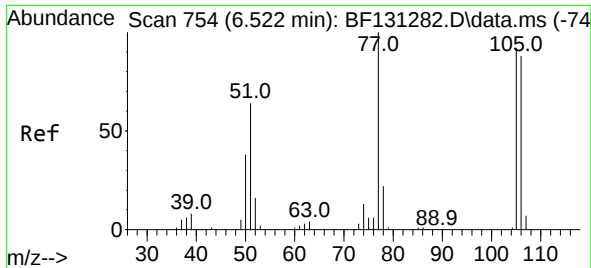
Lab File: BF131302.D

Acq: 18 Nov 2022 17:39

Tgt Ion:128 Resp: 26415

Ion	Ratio	Lower	Upper
128	100		
130	33.9	11.4	51.4
64	51.3	40.9	80.9





#9

Benzaldehyde

Concen: 5.837 ng

RT: 6.516 min Scan# 753

Delta R.T. -0.006 min

Lab File: BF131302.D

Acq: 18 Nov 2022 17:39

Instrument :

BNA_F

ClientSampleId :

LOQ-WATER-02-QT4-2022

Tgt Ion: 77 Resp: 2486

Ion Ratio Lower Upper

77 100

105 92.4 72.5 112.5

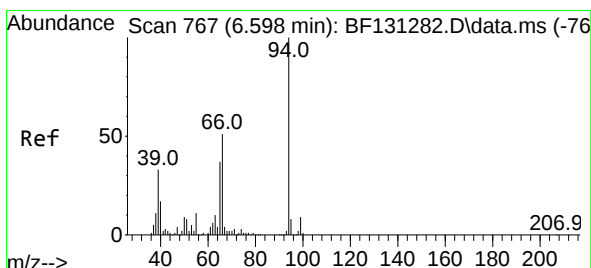
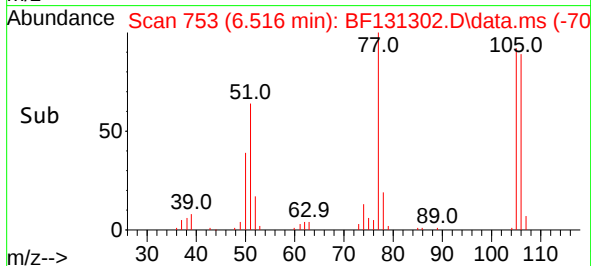
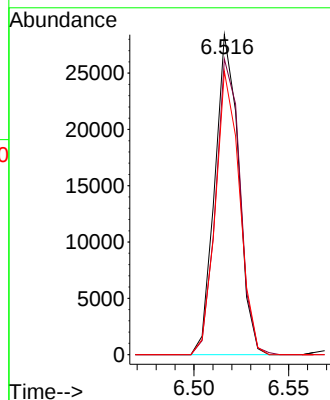
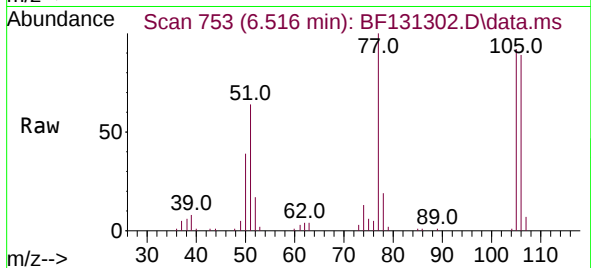
106 88.5 67.7 107.7

Manual Integrations

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Reviewed By :Christian Giraldo 11/21/2022

Supervised By :Jagrut Upadhyay 11/21/2022



#10

Phenol

Concen: 4.888 ng

RT: 6.593 min Scan# 766

Delta R.T. -0.006 min

Lab File: BF131302.D

Acq: 18 Nov 2022 17:39

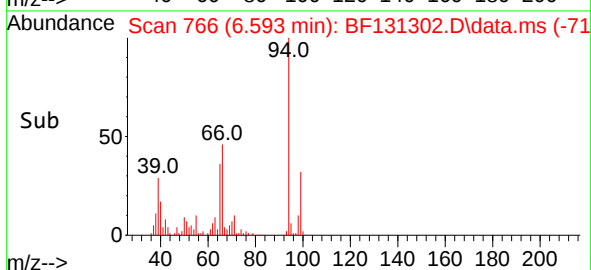
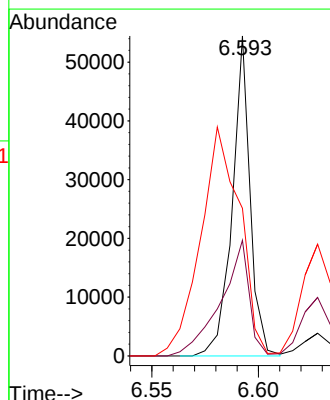
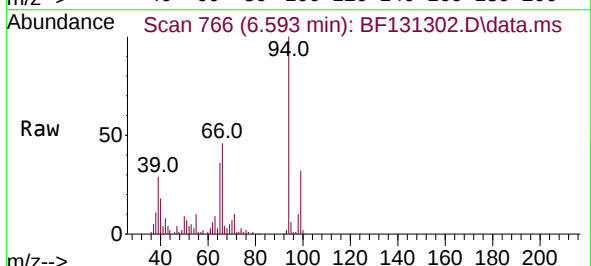
Tgt Ion: 94 Resp: 31744

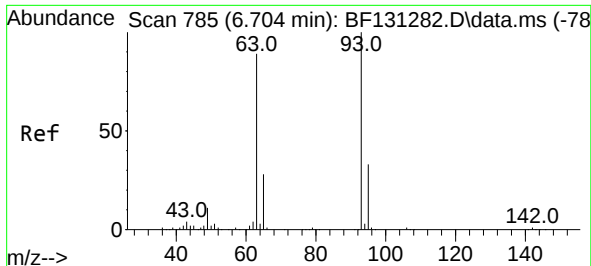
Ion Ratio Lower Upper

94 100

65 36.1 16.8 56.8

66 46.1 31.4 71.4





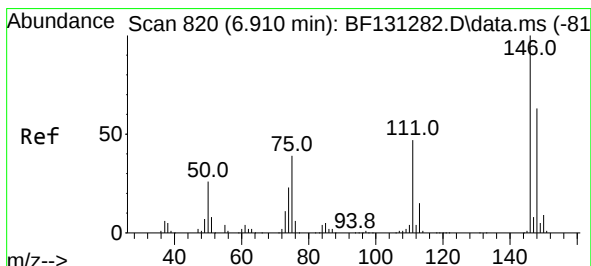
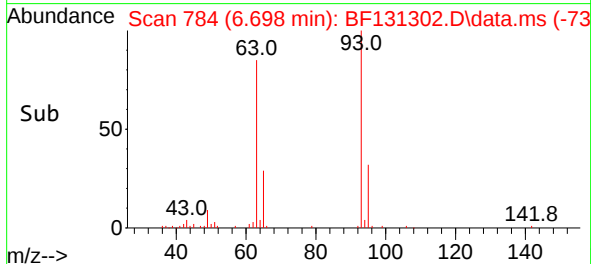
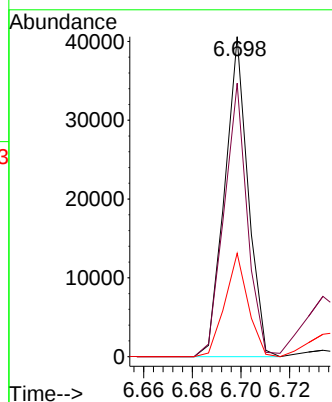
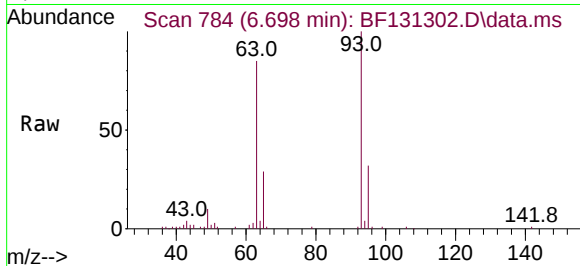
#11
bis(2-Chloroethyl)ether
Concen: 5.190 ng
RT: 6.698 min Scan# 785
Delta R.T. -0.006 min
Lab File: BF131302.D
Acq: 18 Nov 2022 17:39

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

Tgt Ion: 93 Resp: 27129
Ion Ratio Lower Upper
93 100
63 85.4 68.8 108.8
95 32.3 12.4 52.4

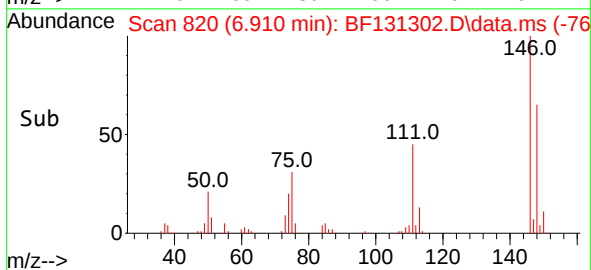
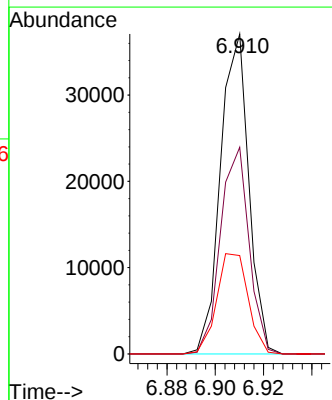
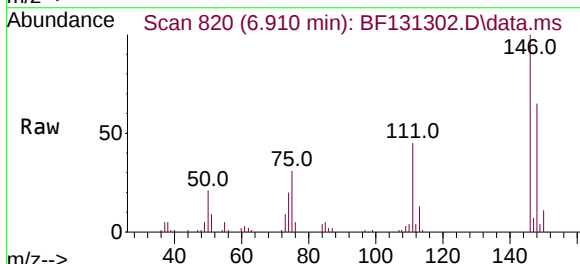
Manual Integrations
APPROVED

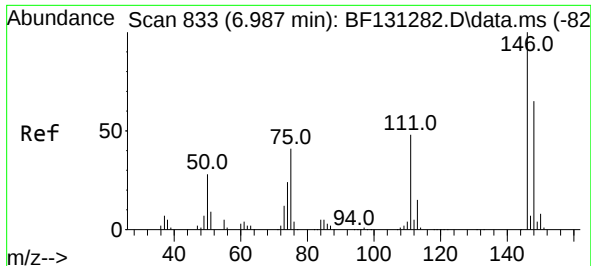
Reviewed By :Christian Giraldo 11/21/2022
Supervised By :Jagrut Upadhyay 11/21/2022



#12
1,3-Dichlorobenzene
Concen: 4.976 ng m
RT: 6.910 min Scan# 820
Delta R.T. -0.000 min
Lab File: BF131302.D
Acq: 18 Nov 2022 17:39

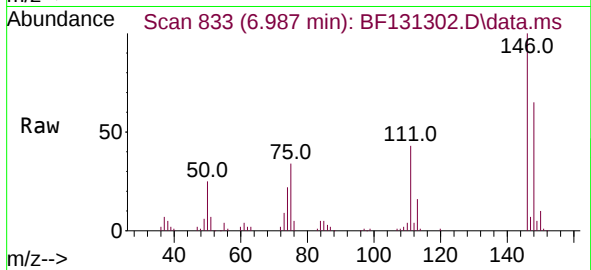
Tgt Ion:146 Resp: 30327
Ion Ratio Lower Upper
146 100
148 64.6 50.4 75.6
75 30.7 30.9 46.3#





#13
1,4-Dichlorobenzene
Concen: 5.032 ng
RT: 6.987 min Scan# 833
Delta R.T. -0.000 min
Lab File: BF131302.D
Acq: 18 Nov 2022 17:39

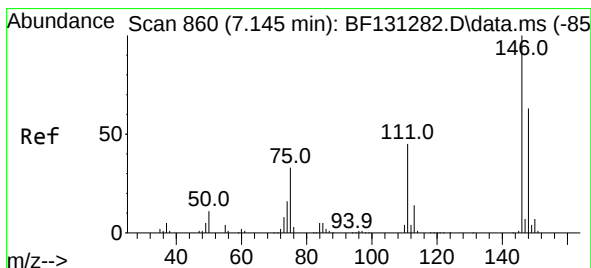
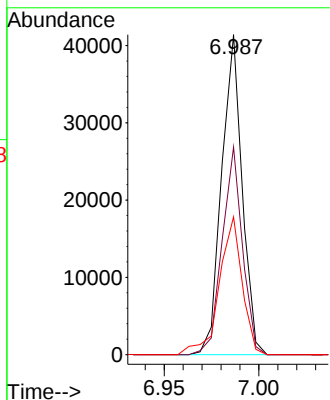
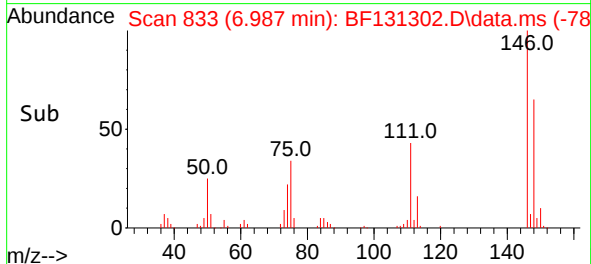
Instrument :
BNA_F
ClientSampleId :
LOQ-WATER-02-QT4-2022



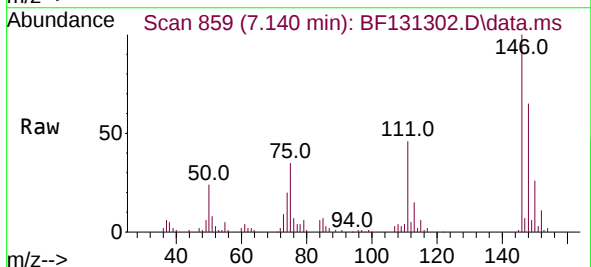
Tgt Ion:146 Resp: 31182
Ion Ratio Lower Upper
146 100
148 64.9 51.9 77.9
111 43.0 38.3 57.5

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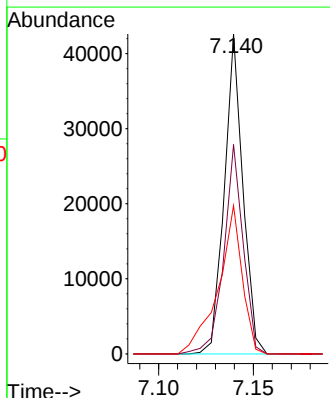
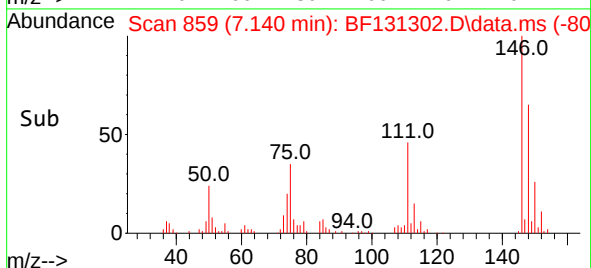
Reviewed By :Christian Giraldo 11/21/2022
Supervised By :Jagrut Upadhyay 11/21/2022

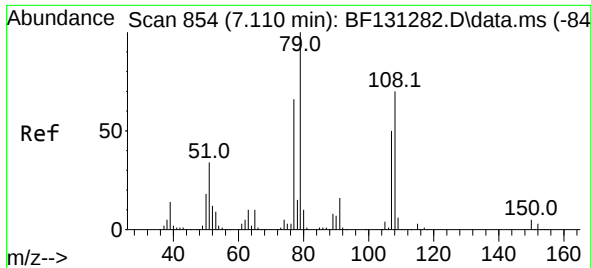


#14
1,2-Dichlorobenzene
Concen: 5.027 ng
RT: 7.140 min Scan# 859
Delta R.T. -0.006 min
Lab File: BF131302.D
Acq: 18 Nov 2022 17:39



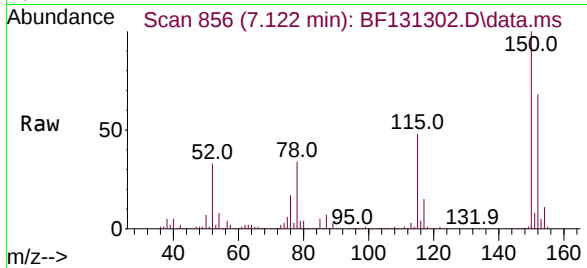
Tgt Ion:146 Resp: 28999
Ion Ratio Lower Upper
146 100
148 65.4 50.6 75.8
111 46.3 36.4 54.6





#15
Benzyl Alcohol
Concen: 4.233 ng
RT: 7.122 min Scan# 854
Delta R.T. 0.012 min
Lab File: BF131302.D
Acq: 18 Nov 2022 17:39

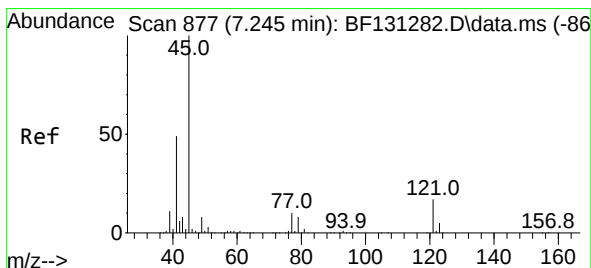
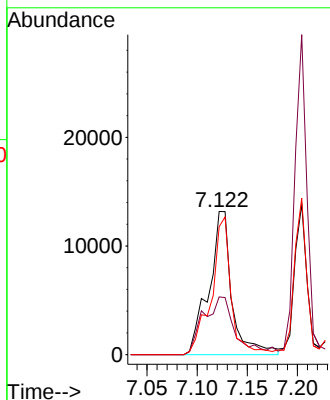
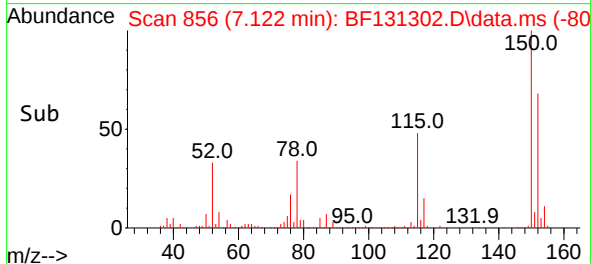
Instrument :
BNA_F
ClientSampleId :
LOQ-WATER-02-QT4-2022



Tgt Ion: 79 Resp: 21152
Ion Ratio Lower Upper
79 100
108 40.3 56.3 84.5
77 89.4 52.5 78.7

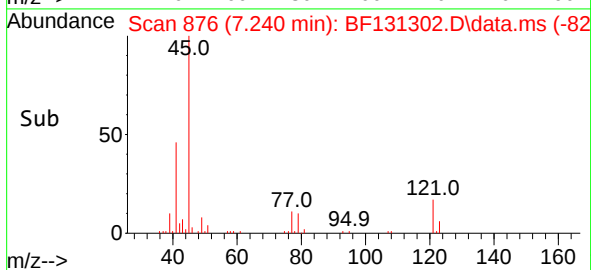
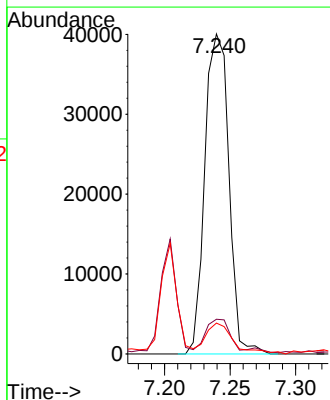
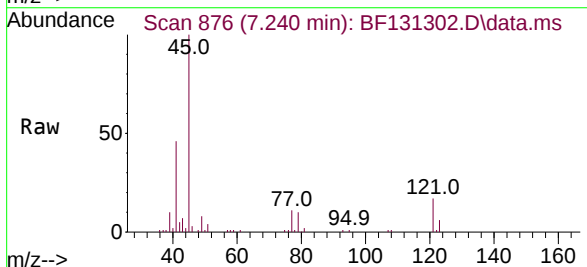
Manual Integrations
APPROVED

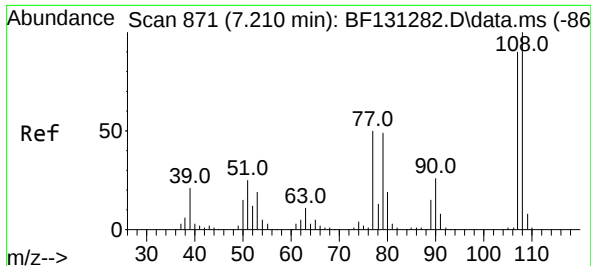
Reviewed By :Christian Giraldo 11/21/2022
Supervised By :Jagrut Upadhyay 11/21/2022



#16
2,2'-oxybis(1-Chloropropane)
Concen: 5.149 ng
RT: 7.240 min Scan# 876
Delta R.T. -0.006 min
Lab File: BF131302.D
Acq: 18 Nov 2022 17:39

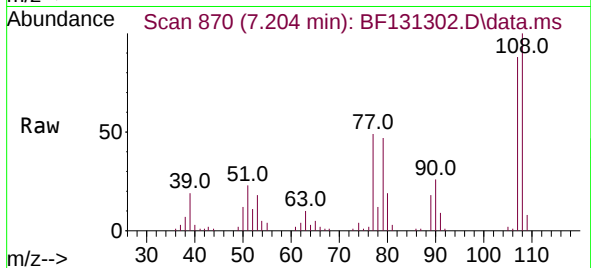
Tgt Ion: 45 Resp: 50962
Ion Ratio Lower Upper
45 100
77 10.8 0.0 30.8
79 9.6 0.0 28.4





#17
2-Methylphenol
Concen: 4.799 ng
RT: 7.204 min Scan# 81
Delta R.T. -0.006 min
Lab File: BF131302.D
Acq: 18 Nov 2022 17:39

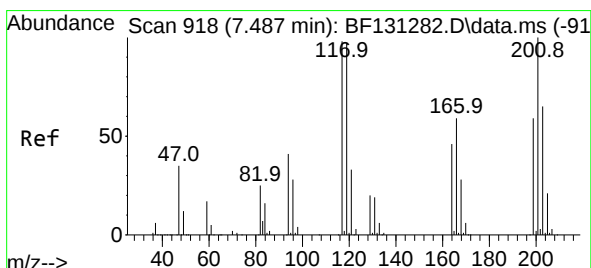
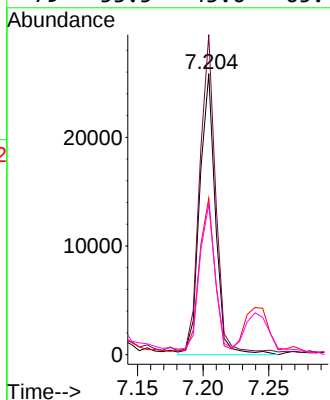
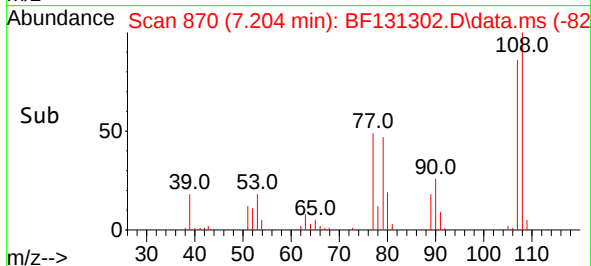
Instrument :
BNA_F
ClientSampleId :
LOQ-WATER-02-QT4-2022



Tgt Ion:107 Resp: 21492
Ion Ratio Lower Upper
107 100
108 113.9 89.2 133.8
77 55.7 45.0 67.4
79 53.5 43.6 65.4

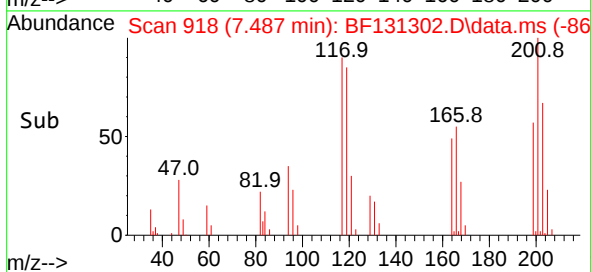
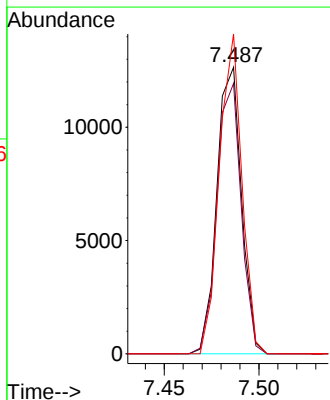
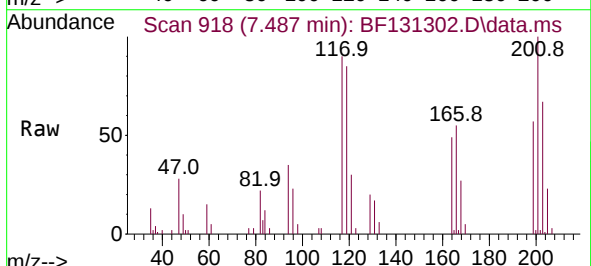
Manual Integrations
APPROVED

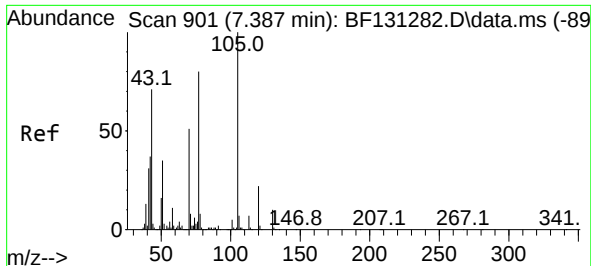
Reviewed By :Christian Giraldo 11/21/2022
Supervised By :Jagrut Upadhyay 11/21/2022



#18
Hexachloroethane
Concen: 5.202 ng
RT: 7.487 min Scan# 918
Delta R.T. -0.000 min
Lab File: BF131302.D
Acq: 18 Nov 2022 17:39

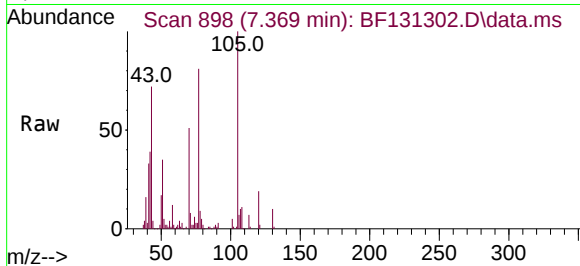
Tgt Ion:117 Resp: 11463
Ion Ratio Lower Upper
117 100
119 94.3 79.0 118.4
201 111.6 81.7 122.5





#19
n-Nitroso-di-n-propylamine
Concen: 4.933 ng
RT: 7.369 min Scan# 89
Delta R.T. -0.018 min
Lab File: BF131302.D
Acq: 18 Nov 2022 17:39

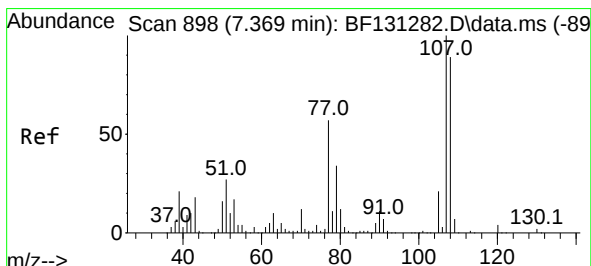
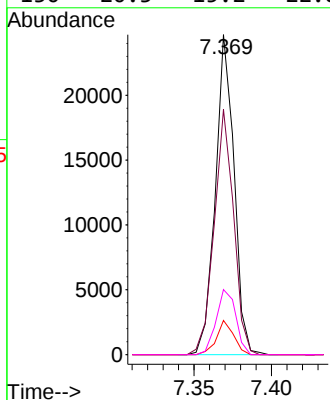
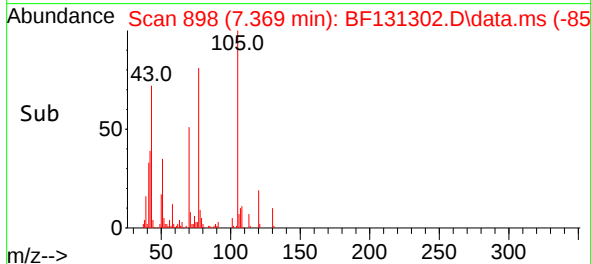
Instrument :
BNA_F
ClientSampleId :
LOQ-WATER-02-QT4-2022



Tgt Ion: 70 Resp: 2081
Ion Ratio Lower Upper
70 100
42 76.6 58.9 88.3
101 10.7 7.2 10.8
130 20.3 15.2 22.8

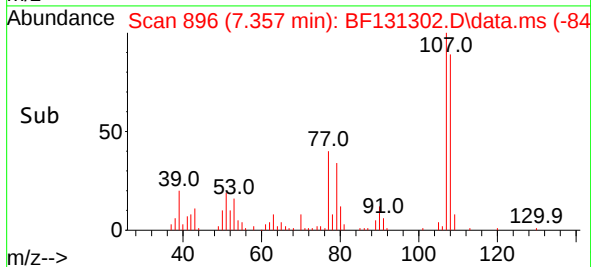
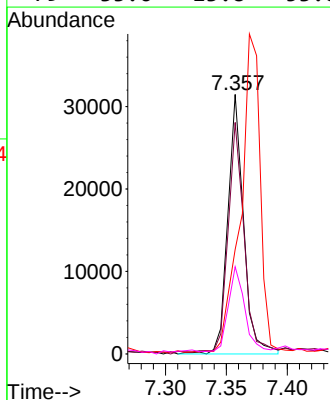
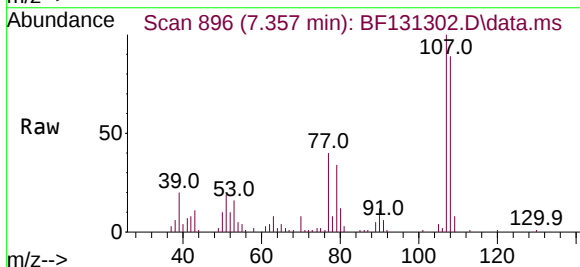
Manual Integrations
APPROVED

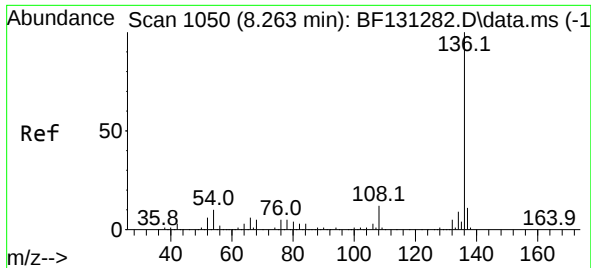
Reviewed By :Christian Giraldo 11/21/2022
Supervised By :Jagrut Upadhyay 11/21/2022



#20
3+4-Methylphenols
Concen: 4.946 ng
RT: 7.357 min Scan# 896
Delta R.T. -0.012 min
Lab File: BF131302.D
Acq: 18 Nov 2022 17:39

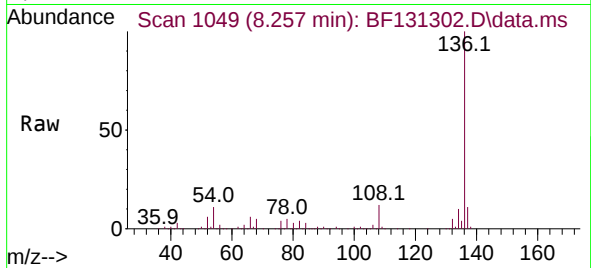
Tgt Ion:107 Resp: 28294
Ion Ratio Lower Upper
107 100
108 89.2 69.0 109.0
77 40.2 36.9 76.9
79 33.6 13.8 53.8





#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.257 min Scan# 1049
Delta R.T. -0.006 min
Lab File: BF131302.D
Acq: 18 Nov 2022 17:39

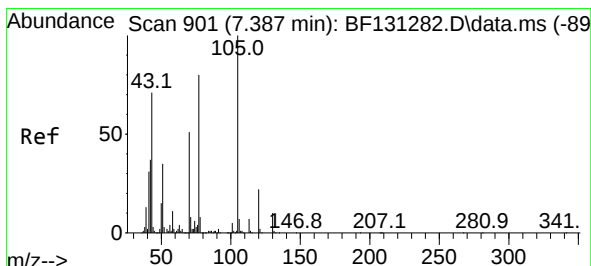
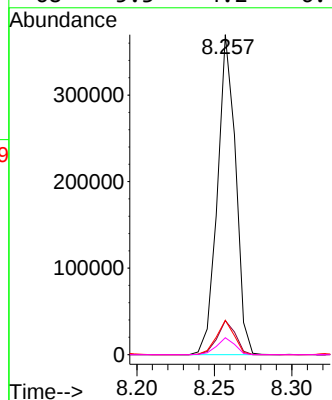
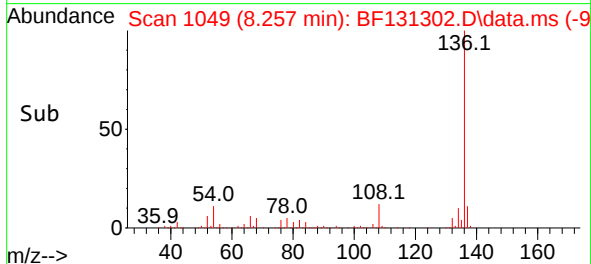
Instrument : BNA_F
ClientSampleId : LOQ-WATER-02-QT4-2022



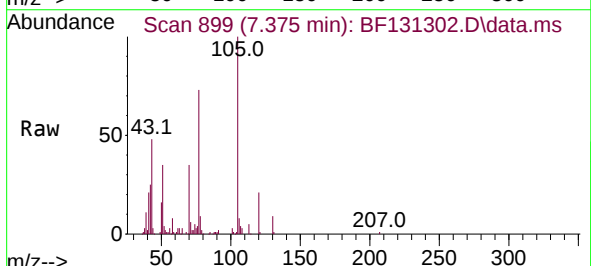
Tgt Ion:	136	Resp:	302195
Ion Ratio	Lower	Upper	
136	100		
137	10.6	8.6	12.8
54	10.7	8.2	12.2
68	5.3	4.2	6.4

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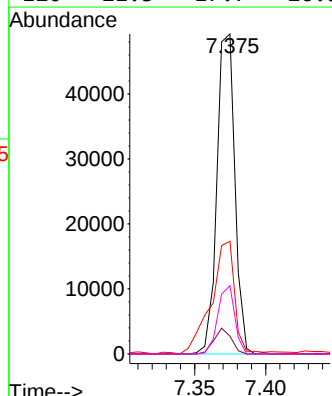
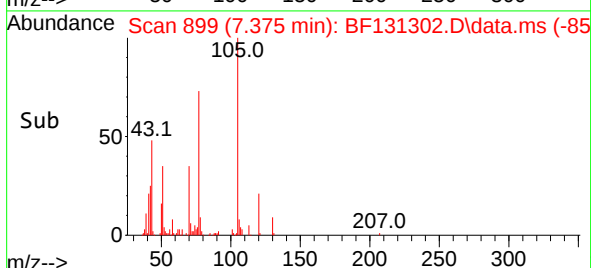
Reviewed By :Christian Giraldo 11/21/2022
Supervised By :Jagrut Upadhyay 11/21/2022

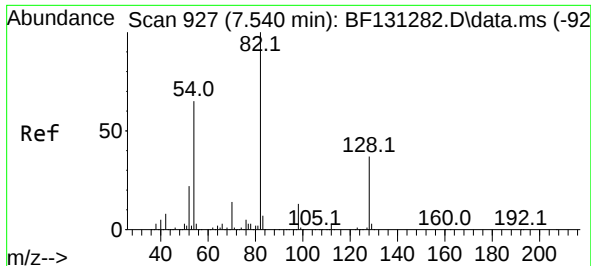


#22
Acetophenone
Concen: 5.445 ng
RT: 7.375 min Scan# 899
Delta R.T. -0.012 min
Lab File: BF131302.D
Acq: 18 Nov 2022 17:39



Tgt Ion:	105	Resp:	43476
Ion Ratio	Lower	Upper	
105	100		
71	5.5	6.4	9.6
51	35.2	28.0	42.0
120	21.3	17.7	26.5





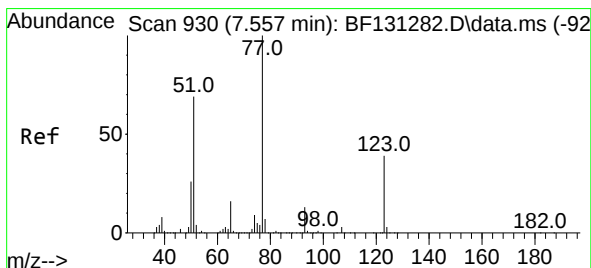
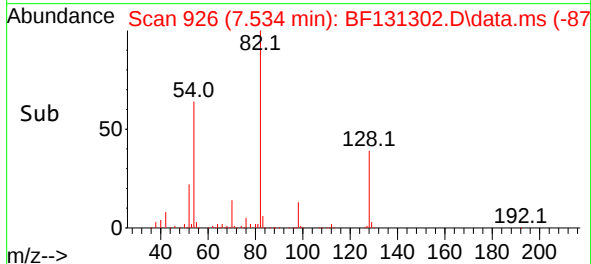
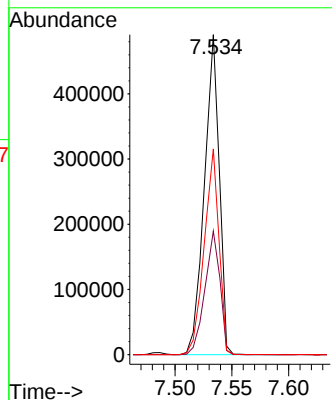
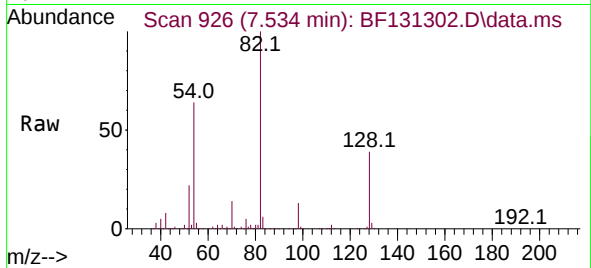
#23
Nitrobenzene-d5
Concen: 79.152 ng
RT: 7.534 min Scan# 91
Delta R.T. -0.006 min
Lab File: BF131302.D
Acq: 18 Nov 2022 17:39

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

Tgt Ion: 82 Resp: 447783
Ion Ratio Lower Upper
82 100
128 38.7 29.2 43.8
54 64.3 52.2 78.4

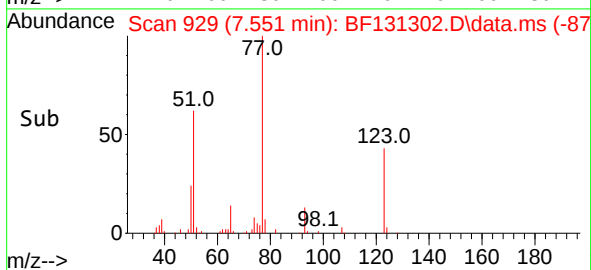
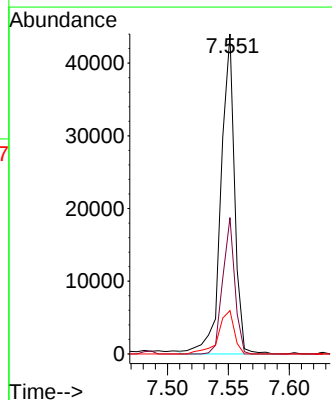
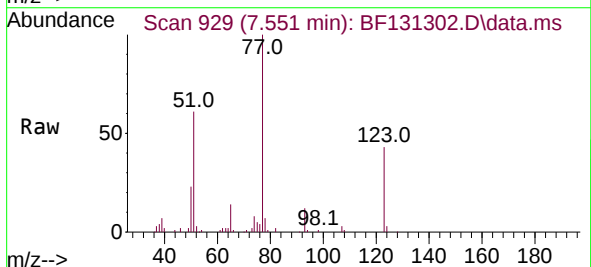
Manual Integrations
APPROVED

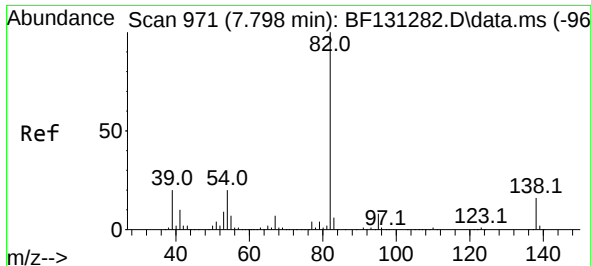
Reviewed By :Christian Giraldo 11/21/2022
Supervised By :Jagrut Upadhyay 11/21/2022



#24
Nitrobenzene
Concen: 5.969 ng
RT: 7.551 min Scan# 929
Delta R.T. -0.006 min
Lab File: BF131302.D
Acq: 18 Nov 2022 17:39

Tgt Ion: 77 Resp: 34178
Ion Ratio Lower Upper
77 100
123 42.6 31.0 46.6
65 13.5 12.6 19.0





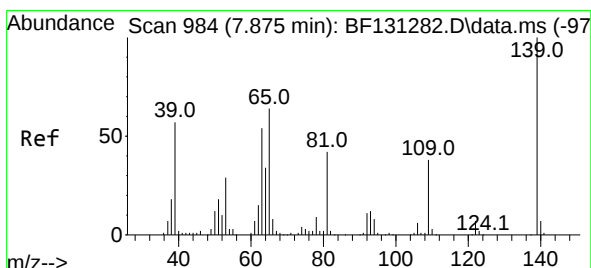
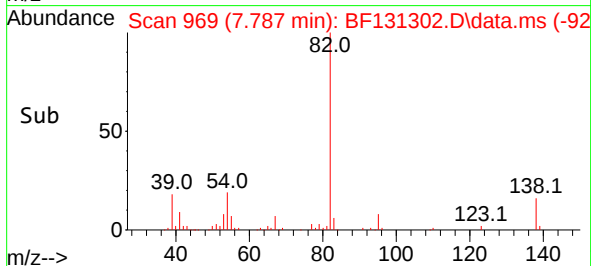
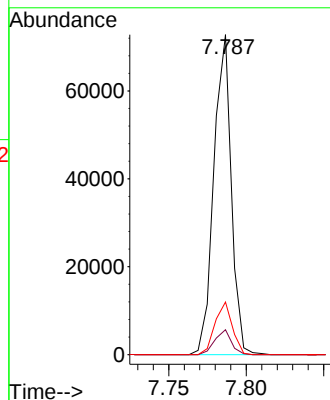
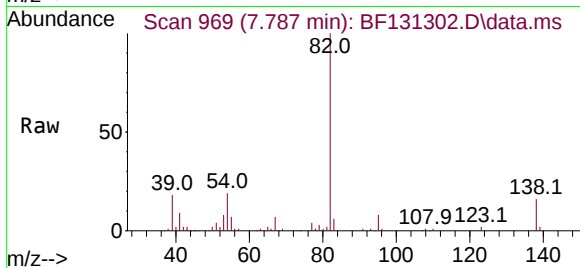
#25
Isophorone
Concen: 5.280 ng
RT: 7.787 min Scan# 90
Delta R.T. -0.011 min
Lab File: BF131302.D
Acq: 18 Nov 2022 17:39

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

Tgt Ion: 82 Resp: 57024
Ion Ratio Lower Upper
82 100
95 7.8 6.6 9.8
138 16.4 13.0 19.6

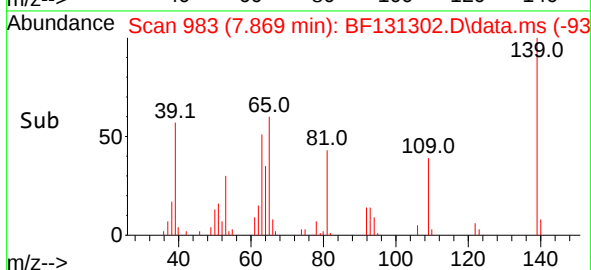
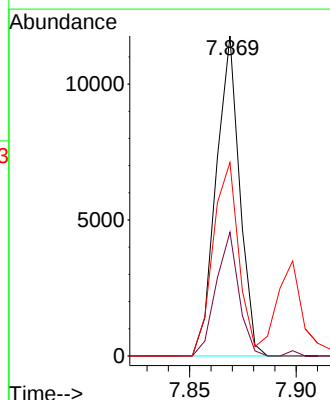
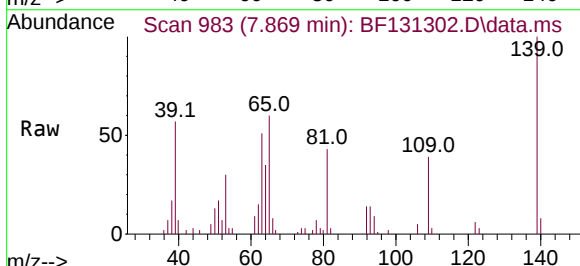
Manual Integrations
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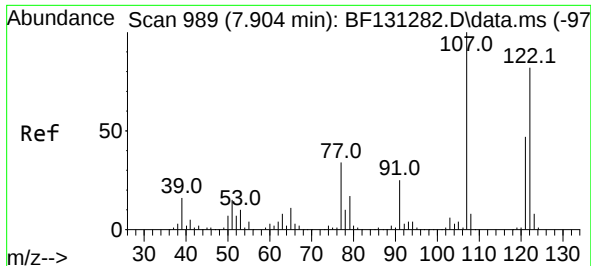
Reviewed By :Christian Giraldo 11/21/2022
Supervised By :Jagrut Upadhyay 11/21/2022



#26
2-Nitrophenol
Concen: 4.974 ng
RT: 7.869 min Scan# 983
Delta R.T. -0.006 min
Lab File: BF131302.D
Acq: 18 Nov 2022 17:39

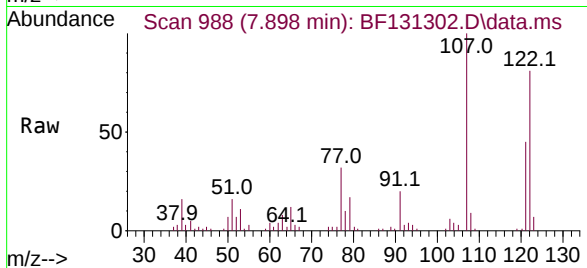
Tgt Ion:139 Resp: 9020
Ion Ratio Lower Upper
139 100
109 38.7 30.4 45.6
65 60.4 51.5 77.3





#27
2,4-Dimethylphenol
Concen: 5.372 ng
RT: 7.898 min Scan# 98
Delta R.T. -0.006 min
Lab File: BF131302.D
Acq: 18 Nov 2022 17:39

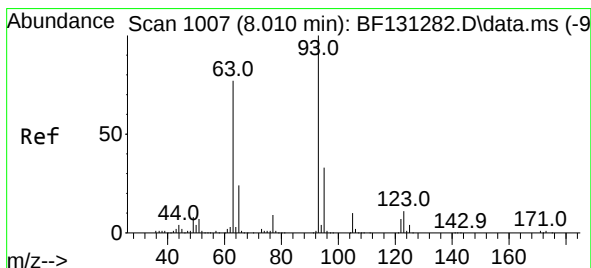
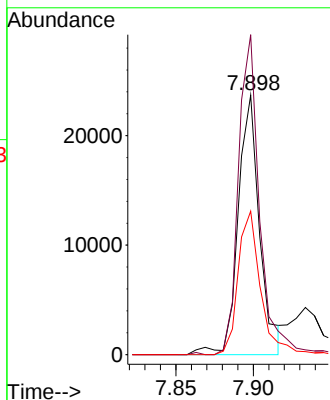
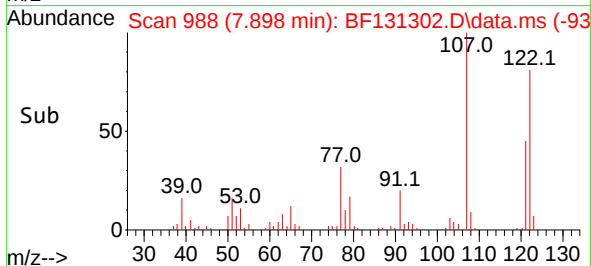
Instrument :
BNA_F
ClientSampleId :
LOQ-WATER-02-QT4-2022



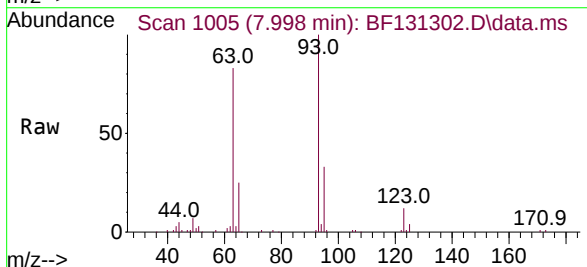
Tgt Ion: 122 Resp: 22810
Ion Ratio Lower Upper
122 100
107 123.3 98.2 147.2
121 55.3 46.3 69.5

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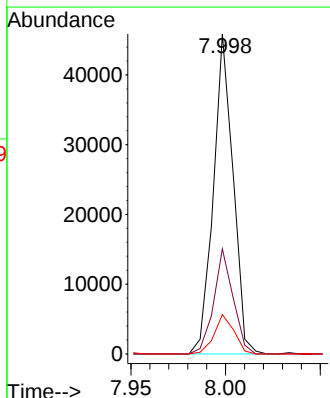
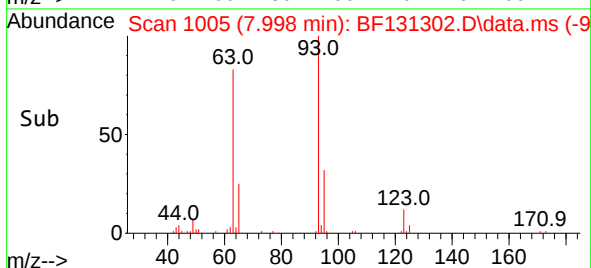
Reviewed By :Christian Giraldo 11/21/2022
Supervised By :Jagrut Upadhyay 11/21/2022

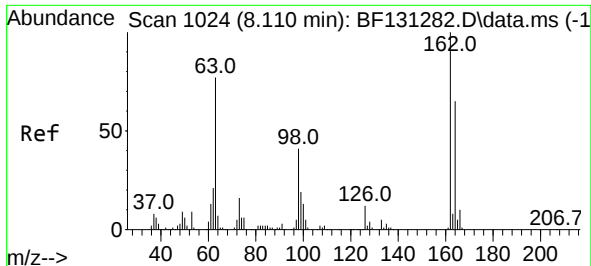


#28
bis(2-Chloroethoxy)methane
Concen: 5.487 ng
RT: 7.998 min Scan# 1005
Delta R.T. -0.012 min
Lab File: BF131302.D
Acq: 18 Nov 2022 17:39



Tgt Ion: 93 Resp: 33100
Ion Ratio Lower Upper
93 100
95 32.8 26.4 39.6
123 12.3 9.3 13.9





#29

2,4-Dichlorophenol

Concen: 4.869 ng

RT: 8.104 min Scan# 1023

Delta R.T. -0.006 min

Lab File: BF131302.D

Acq: 18 Nov 2022 17:39

Instrument :

BNA_F

ClientSampleId :

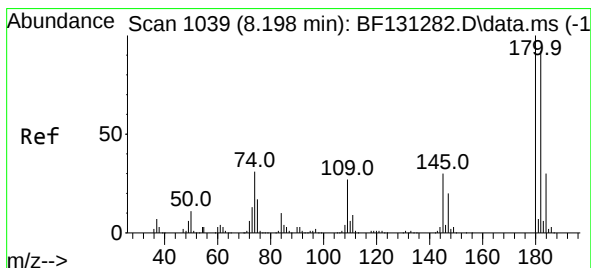
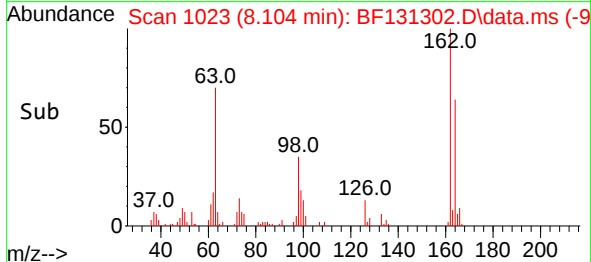
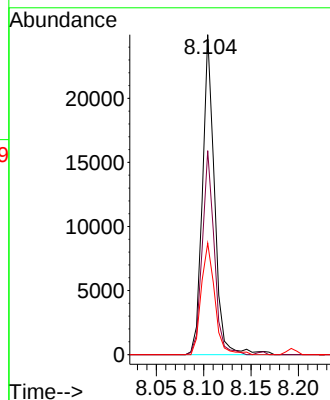
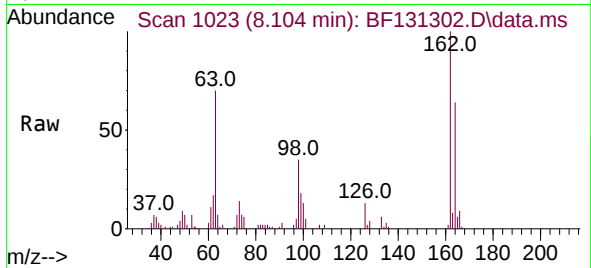
LOQ-WATER-02-QT4-2022

Tgt Ion:	162	Resp:	2214
Ion Ratio	Lower	Upper	
162	100		
164	63.7	44.7	84.7
98	34.8	21.5	61.5

Manual Integrations

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



#30

1,2,4-Trichlorobenzene

Concen: 4.924 ng

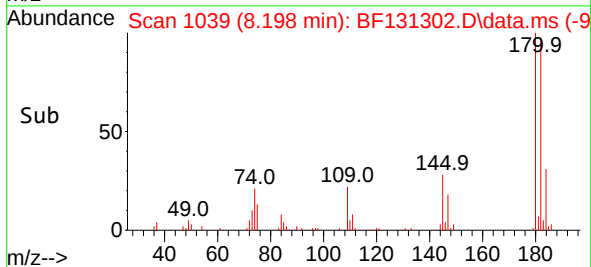
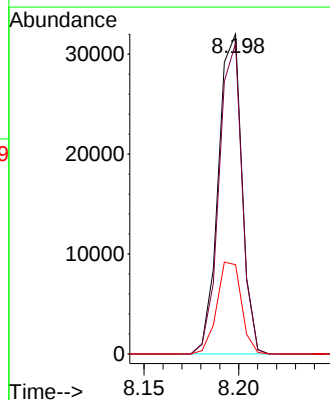
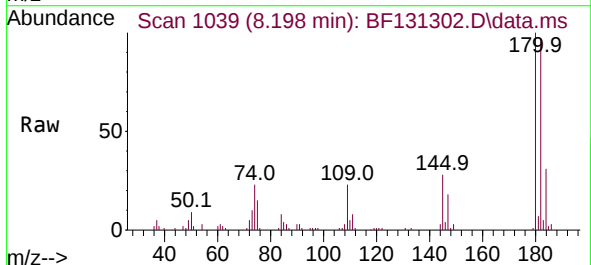
RT: 8.198 min Scan# 1039

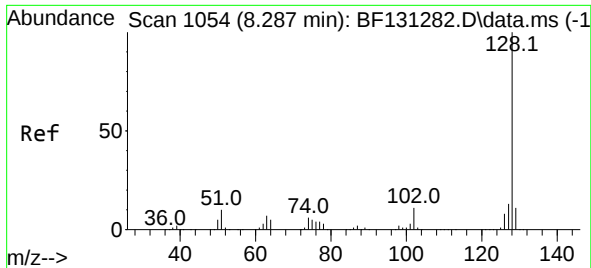
Delta R.T. 0.000 min

Lab File: BF131302.D

Acq: 18 Nov 2022 17:39

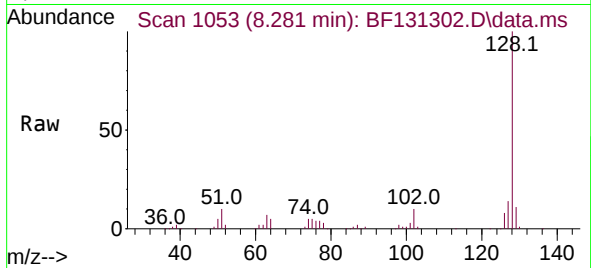
Tgt Ion:	180	Resp:	27804
Ion Ratio	Lower	Upper	
180	100		
182	97.1	74.0	111.0
145	27.9	23.8	35.6





#31
Naphthalene
Concen: 4.930 ng
RT: 8.281 min Scan# 1054
Delta R.T. -0.006 min
Lab File: BF131302.D
Acq: 18 Nov 2022 17:39

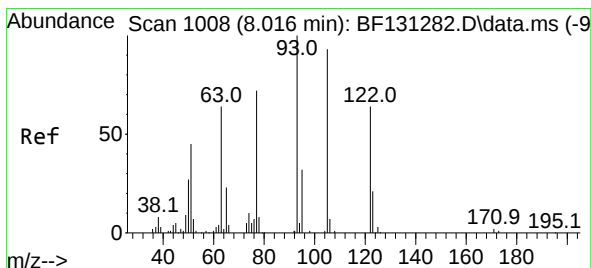
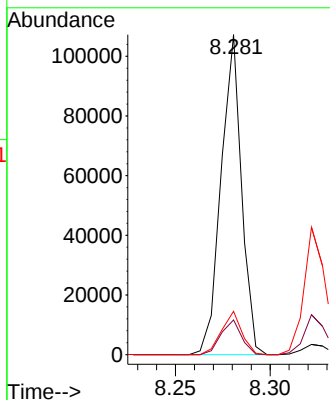
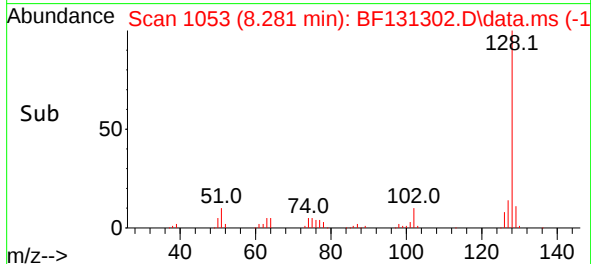
Instrument : BNA_F
ClientSampleId :
LOQ-WATER-02-QT4-2022



Tgt Ion:128 Resp: 80783
Ion Ratio Lower Upper
128 100
129 10.8 8.6 13.0
127 13.6 10.6 16.0

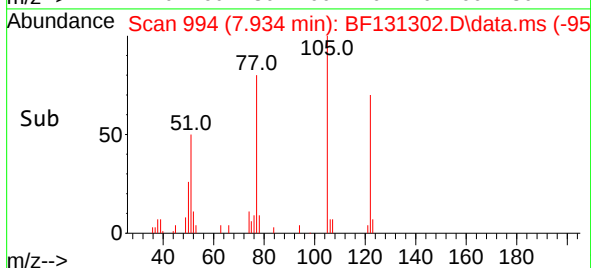
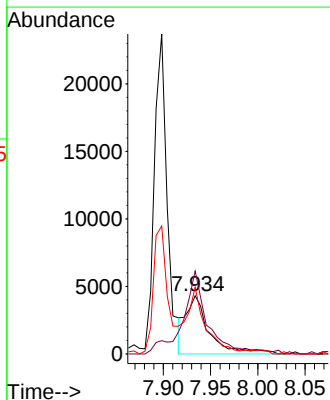
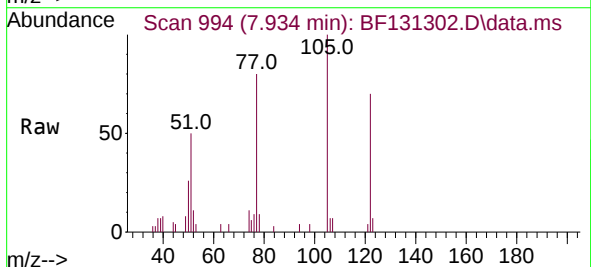
Manual Integrations
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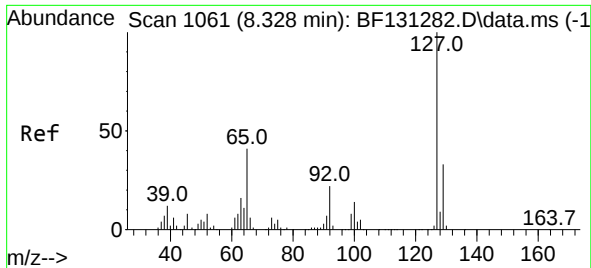
Reviewed By :Christian Giraldo 11/21/2022
Supervised By :Jagrut Upadhyay 11/21/2022



#32
Benzoic acid
Concen: 2.947 ng m
RT: 7.934 min Scan# 994
Delta R.T. -0.082 min
Lab File: BF131302.D
Acq: 18 Nov 2022 17:39

Tgt Ion:122 Resp: 7486
Ion Ratio Lower Upper
122 100
105 142.4 121.4 161.4
77 114.4 91.2 131.2





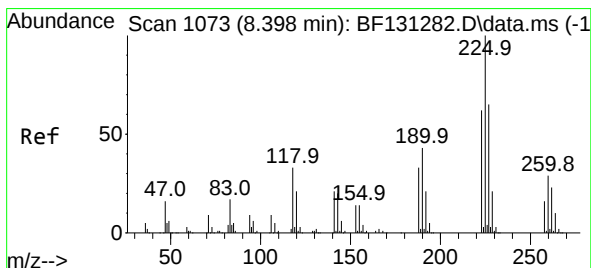
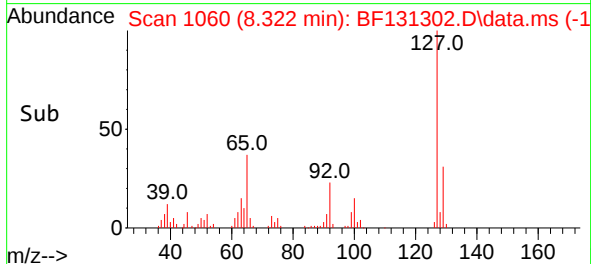
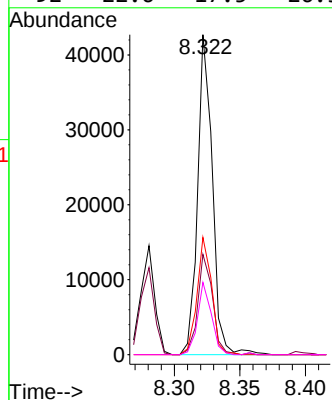
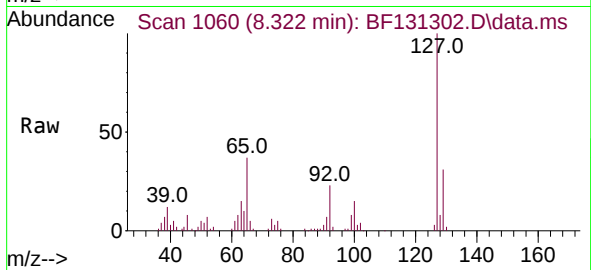
#33
4-Chloroaniline
Concen: 5.227 ng
RT: 8.322 min Scan# 1061
Delta R.T. -0.006 min
Lab File: BF131302.D
Acq: 18 Nov 2022 17:39

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

Tgt Ion:	127	Resp:	3327
Ion Ratio	Lower	Upper	
127	100		
129	31.3	26.6	40.0
65	36.6	33.2	49.8
92	22.6	17.5	26.3

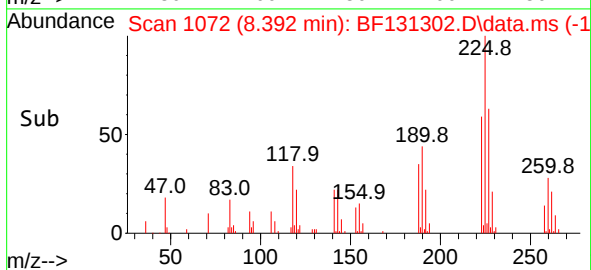
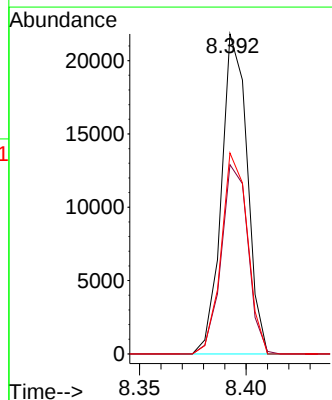
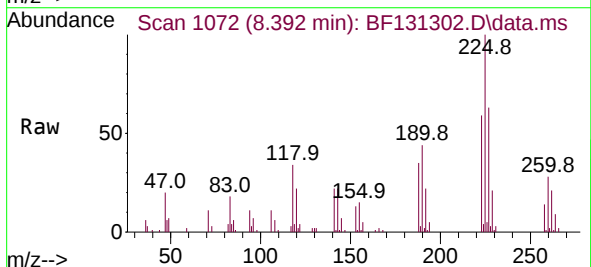
Manual Integrations
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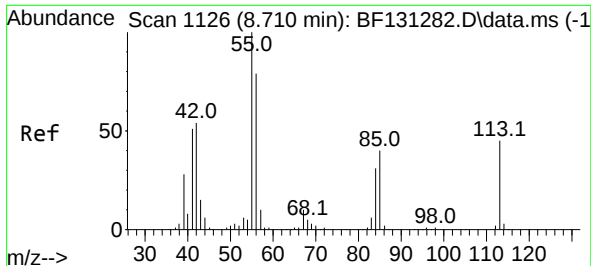
Reviewed By :Christian Giraldo 11/21/2022
Supervised By :Jagrut Upadhyay 11/21/2022



#34
Hexachlorobutadiene
Concen: 4.911 ng
RT: 8.392 min Scan# 1072
Delta R.T. -0.006 min
Lab File: BF131302.D
Acq: 18 Nov 2022 17:39

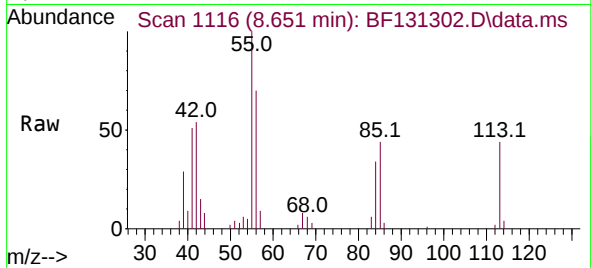
Tgt Ion:	225	Resp:	18324
Ion Ratio	Lower	Upper	
225	100		
223	59.1	49.4	74.2
227	62.8	51.7	77.5





#35
 Caprolactam
 Concen: 5.104 ng
 RT: 8.651 min Scan# 1116
 Delta R.T. -0.059 min
 Lab File: BF131302.D
 Acq: 18 Nov 2022 17:39

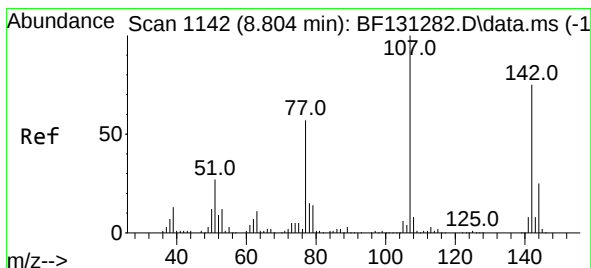
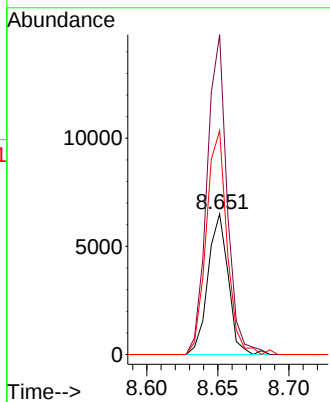
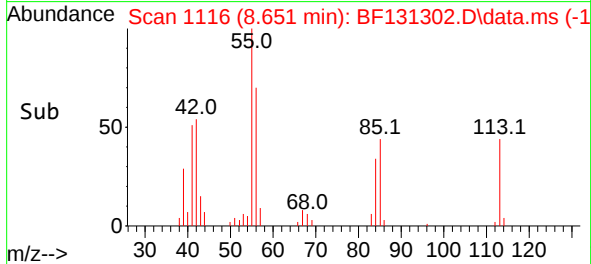
Instrument : BNA_F
 ClientSampleId : LOQ-WATER-02-QT4-2022



Tgt Ion:113 Resp: 6462
 Ion Ratio Lower Upper
 113 100
 55 227.5 200.6 240.6
 56 159.2 154.5 194.5

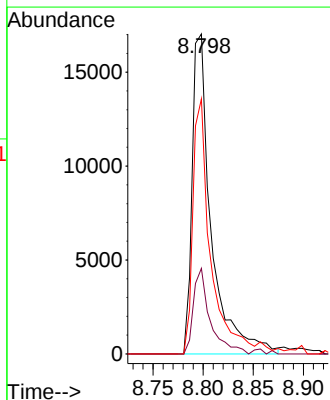
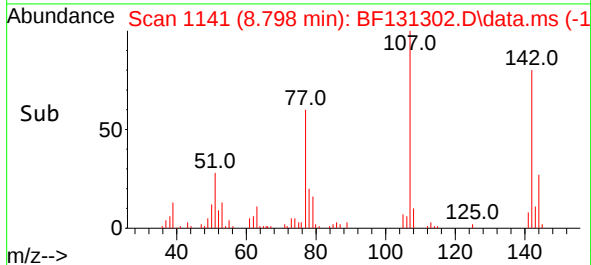
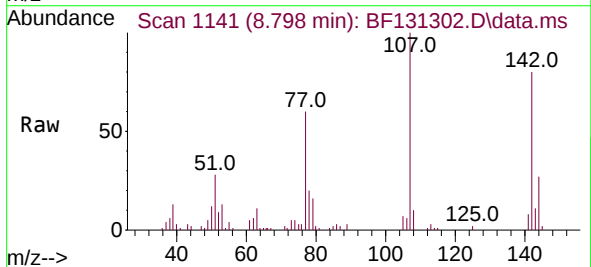
Manual Integrations
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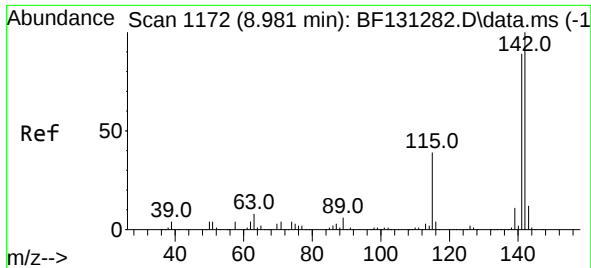
Reviewed By :Christian Giraldo 11/21/2022
 Supervised By :Jagrut Upadhyay 11/21/2022



#36
 4-Chloro-3-methylphenol
 Concen: 4.609 ng
 RT: 8.798 min Scan# 1141
 Delta R.T. -0.006 min
 Lab File: BF131302.D
 Acq: 18 Nov 2022 17:39

Tgt Ion:107 Resp: 22593
 Ion Ratio Lower Upper
 107 100
 144 26.7 19.6 29.4
 142 79.7 60.1 90.1





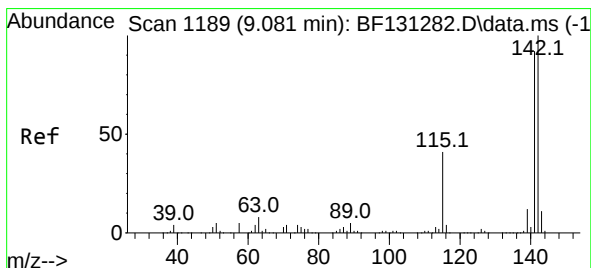
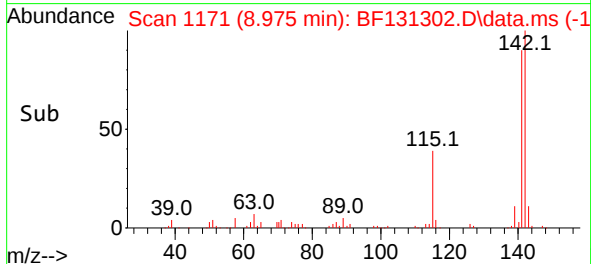
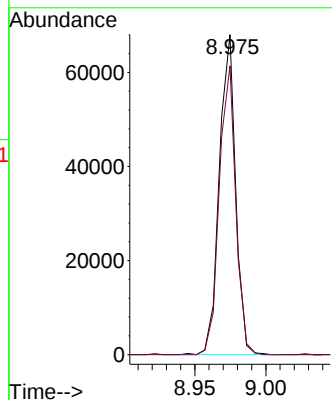
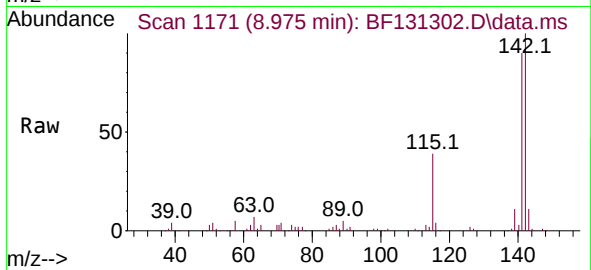
#37
2-Methylnaphthalene
Concen: 4.921 ng
RT: 8.975 min Scan# 1171
Delta R.T. -0.006 min
Lab File: BF131302.D
Acq: 18 Nov 2022 17:39

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

Tgt Ion:142 Resp: 54346
Ion Ratio Lower Upper
142 100
141 90.2 71.4 107.2

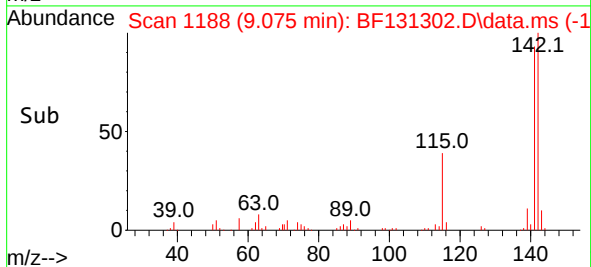
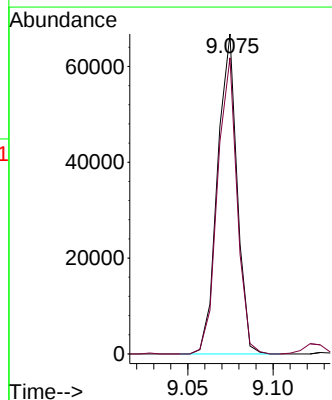
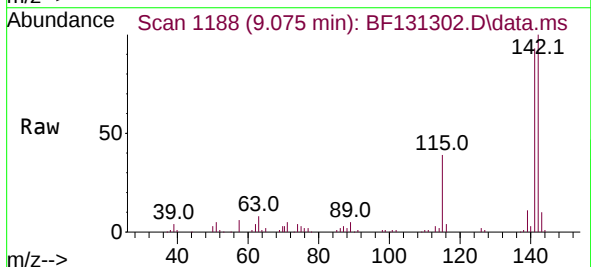
Manual Integrations
APPROVED

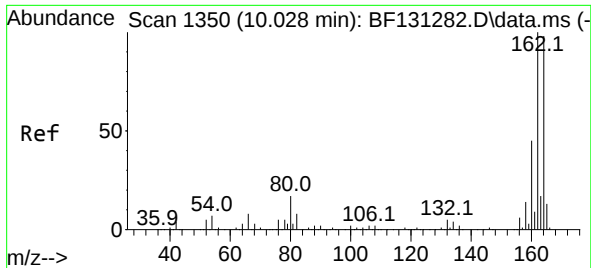
Reviewed By :Christian Giraldo 11/21/2022
Supervised By :Jagrut Upadhyay 11/21/2022



#38
1-Methylnaphthalene
Concen: 4.963 ng
RT: 9.075 min Scan# 1188
Delta R.T. -0.006 min
Lab File: BF131302.D
Acq: 18 Nov 2022 17:39

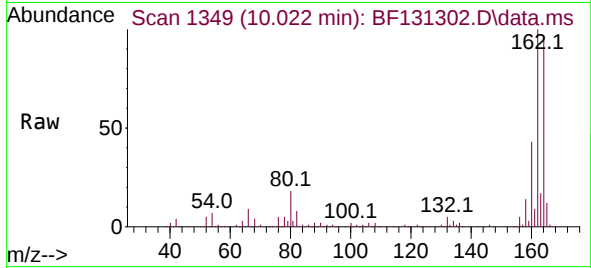
Tgt Ion:142 Resp: 53110
Ion Ratio Lower Upper
142 100
141 92.5 74.0 111.0





#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 10.022 min Scan# 1198
Delta R.T. -0.006 min
Lab File: BF131302.D
Acq: 18 Nov 2022 17:39

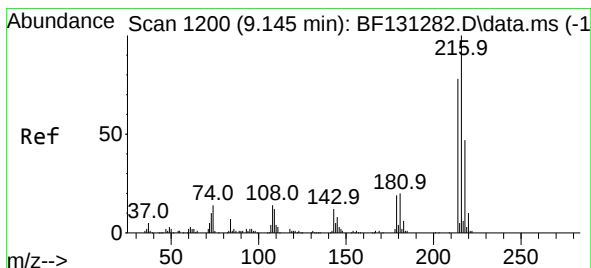
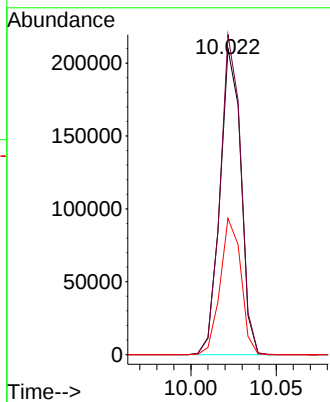
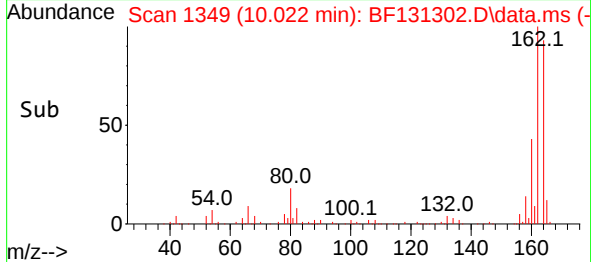
Instrument : BNA_F
ClientSampleId :
LOQ-WATER-02-QT4-2022



Tgt Ion:164 Resp: 178617
Ion Ratio Lower Upper
164 100
162 104.6 81.8 122.6
160 44.6 36.6 54.8

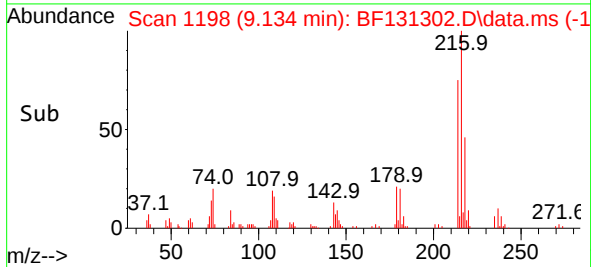
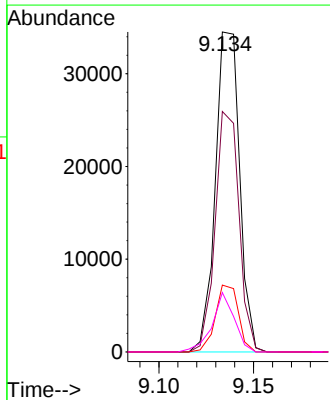
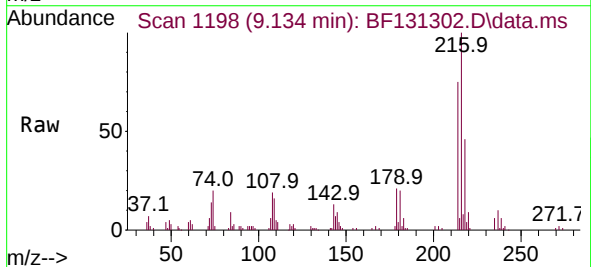
Manual Integrations
APPROVED

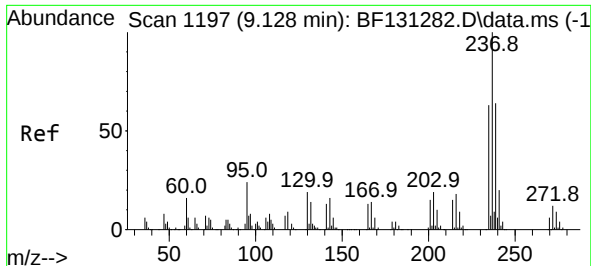
Reviewed By :Christian Giraldo 11/21/2022
Supervised By :Jagrut Upadhyay 11/21/2022



#40
1,2,4,5-Tetrachlorobenzene
Concen: 5.282 ng
RT: 9.134 min Scan# 1198
Delta R.T. -0.012 min
Lab File: BF131302.D
Acq: 18 Nov 2022 17:39

Tgt Ion:216 Resp: 30868
Ion Ratio Lower Upper
216 100
214 73.8 62.5 93.7
179 19.7 16.7 25.1
108 16.8 14.7 22.1





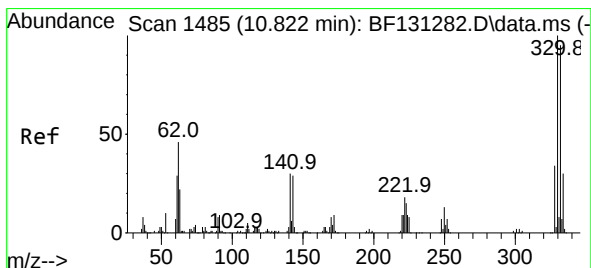
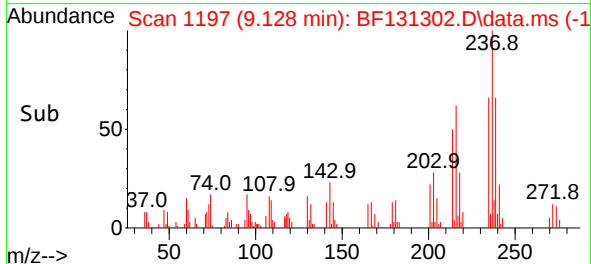
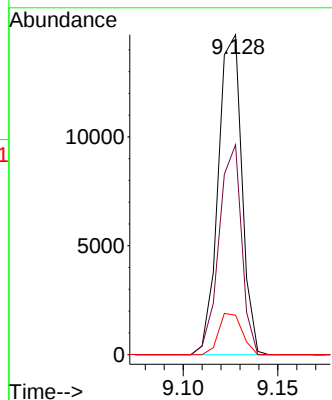
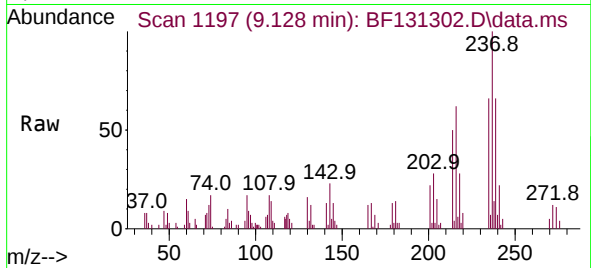
#41
Hexachlorocyclopentadiene
Concen: 5.068 ng
RT: 9.128 min Scan# 1197
Delta R.T. -0.000 min
Lab File: BF131302.D
Acq: 18 Nov 2022 17:39

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

Tgt Ion:237 Resp: 12812
Ion Ratio Lower Upper
237 100
235 65.6 42.7 82.7
272 12.3 0.0 31.6

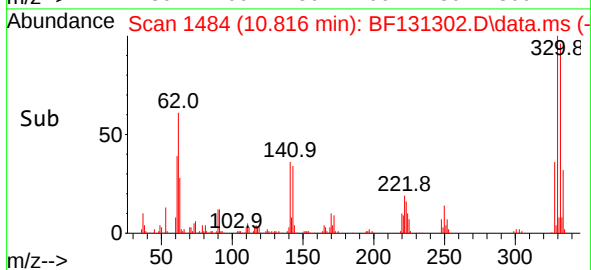
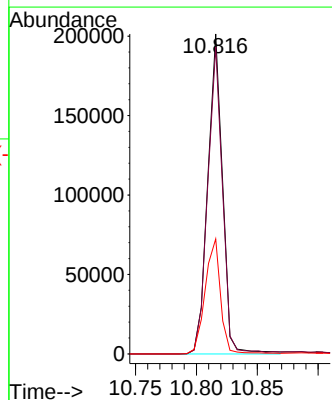
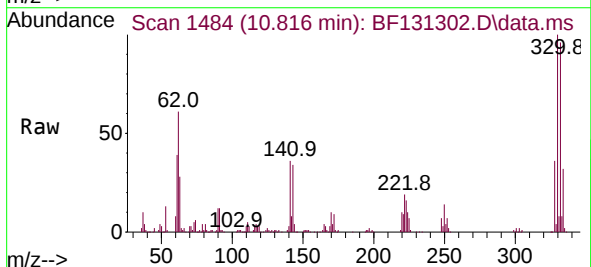
Manual Integrations
APPROVED

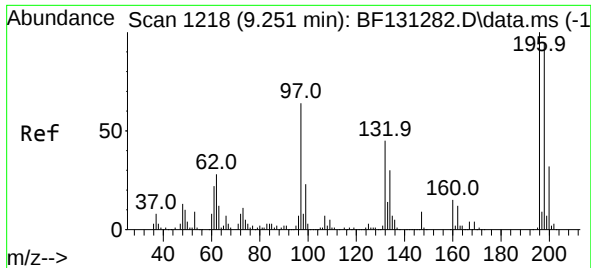
Reviewed By :Christian Giraldo 11/21/2022
Supervised By :Jagrut Upadhyay 11/21/2022



#42
2,4,6-Tribromophenol
Concen: 106.959 ng
RT: 10.816 min Scan# 1484
Delta R.T. -0.006 min
Lab File: BF131302.D
Acq: 18 Nov 2022 17:39

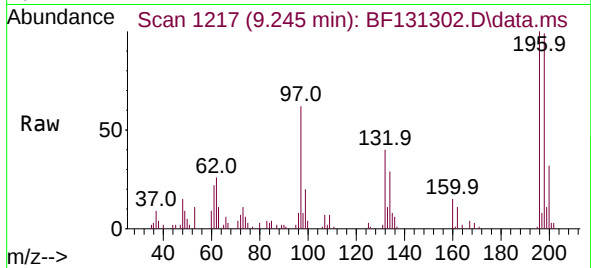
Tgt Ion:330 Resp: 170069
Ion Ratio Lower Upper
330 100
332 96.5 75.4 113.0
141 37.6 30.0 45.0





#43
2,4,6-Trichlorophenol
Concen: 3.862 ng
RT: 9.245 min Scan# 1217
Delta R.T. -0.006 min
Lab File: BF131302.D
Acq: 18 Nov 2022 17:39

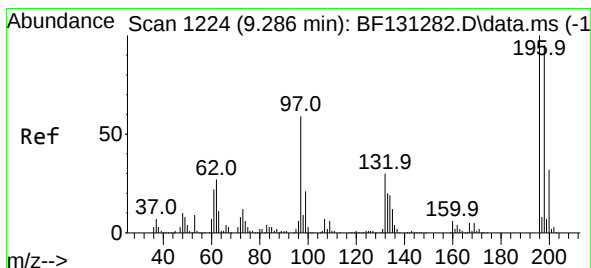
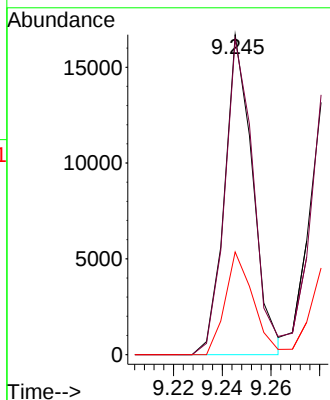
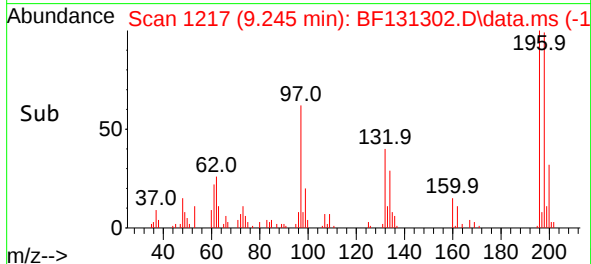
Instrument :
BNA_F
ClientSampleId :
LOQ-WATER-02-QT4-2022



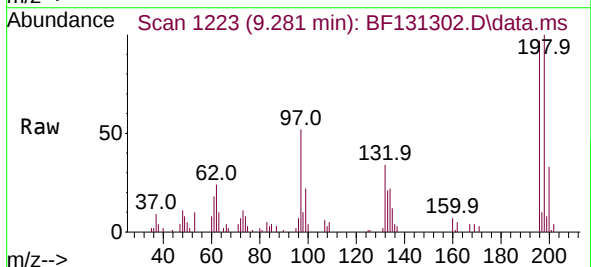
Tgt Ion:196 Resp: 1342
Ion Ratio Lower Upper
196 100
198 98.6 74.8 112.2
200 32.1 25.7 38.5

Manual Integrations
APPROVED

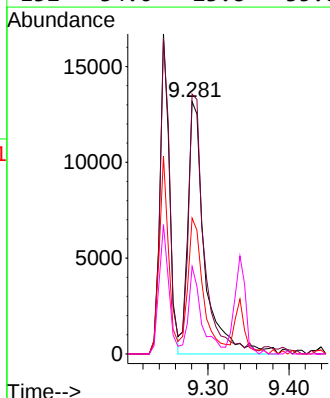
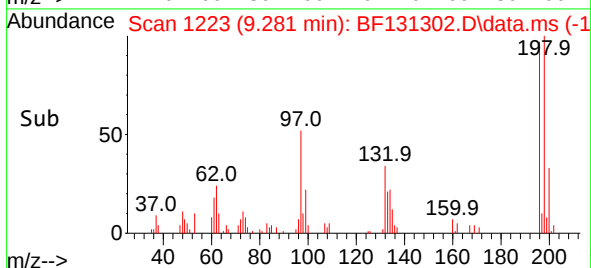
Reviewed By :Christian Giraldo 11/21/2022
Supervised By :Jagrut Upadhyay 11/21/2022

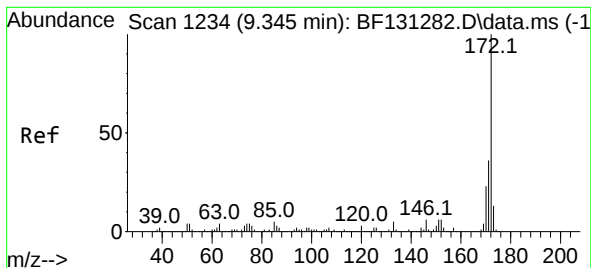


#44
2,4,5-Trichlorophenol
Concen: 4.993 ng
RT: 9.281 min Scan# 1223
Delta R.T. -0.006 min
Lab File: BF131302.D
Acq: 18 Nov 2022 17:39



Tgt Ion:196 Resp: 18905
Ion Ratio Lower Upper
196 100
198 102.9 75.6 113.4
97 53.8 47.4 71.0
132 34.6 23.8 35.8





#45

2-Fluorobiphenyl

Concen: 71.265 ng

RT: 9.339 min Scan# 1233

Delta R.T. -0.006 min

Lab File: BF131302.D

Acq: 18 Nov 2022 17:39

Instrument :

BNA_F

ClientSampleId :

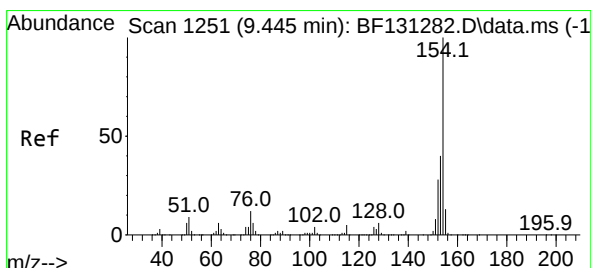
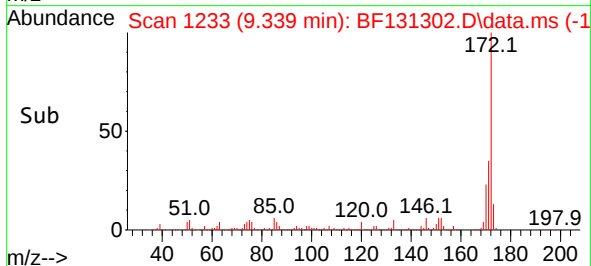
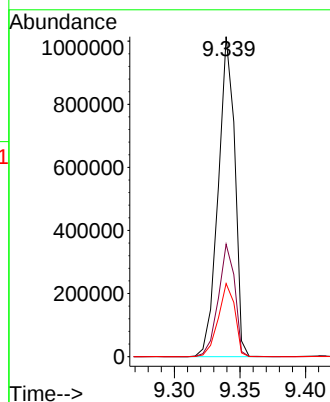
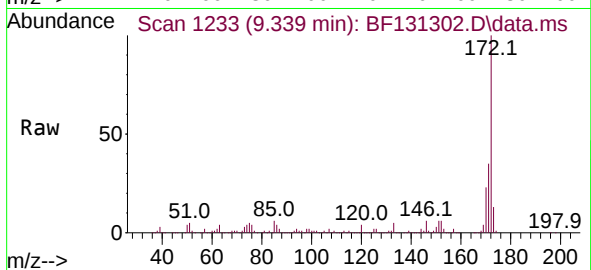
LOQ-WATER-02-QT4-2022

Tgt Ion:172 Resp: 891233

Ion	Ratio	Lower	Upper
172	100		
171	35.1	28.5	42.7
170	22.8	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: 5.436 ng

RT: 9.439 min Scan# 1250

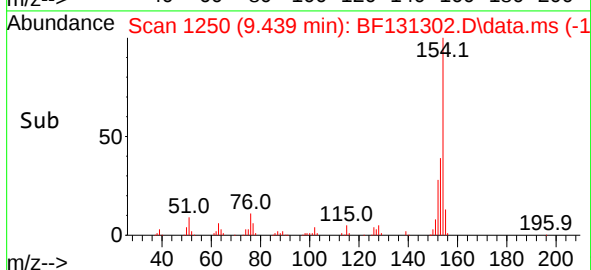
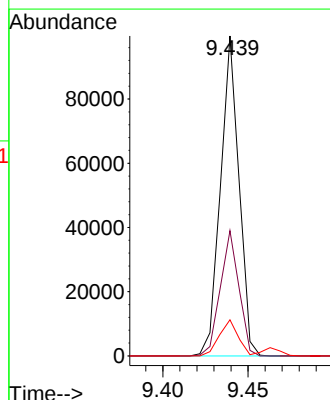
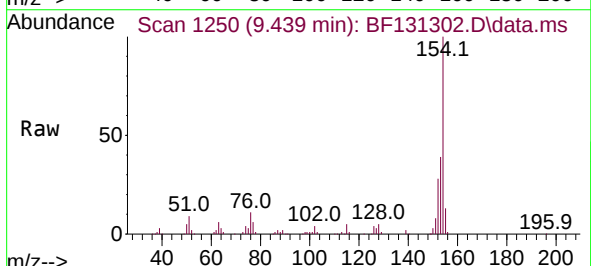
Delta R.T. -0.006 min

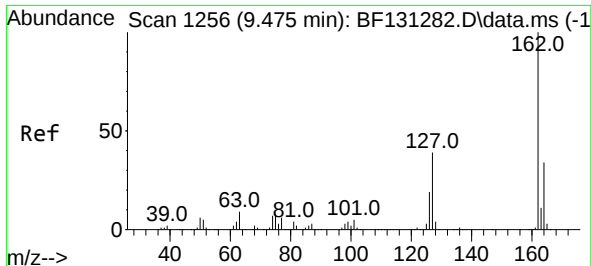
Lab File: BF131302.D

Acq: 18 Nov 2022 17:39

Tgt Ion:154 Resp: 74973

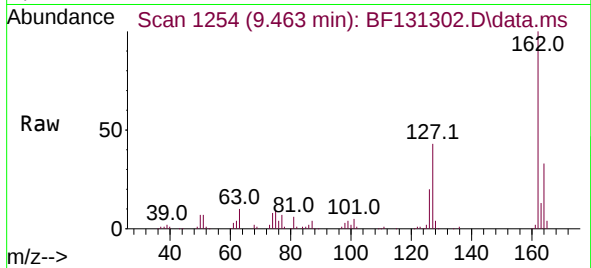
Ion	Ratio	Lower	Upper
154	100		
153	39.1	20.1	60.1
76	11.3	0.0	31.8





#47
2-Chloronaphthalene
Concen: 4.922 ng
RT: 9.463 min Scan# 11
Delta R.T. -0.012 min
Lab File: BF131302.D
Acq: 18 Nov 2022 17:39

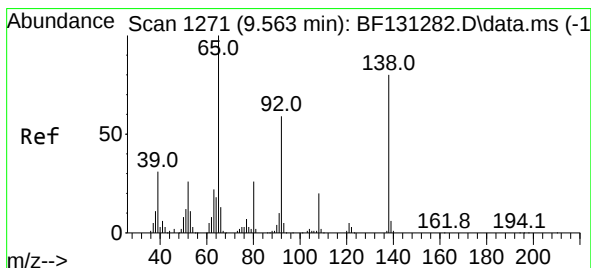
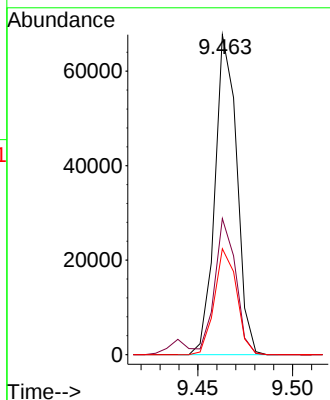
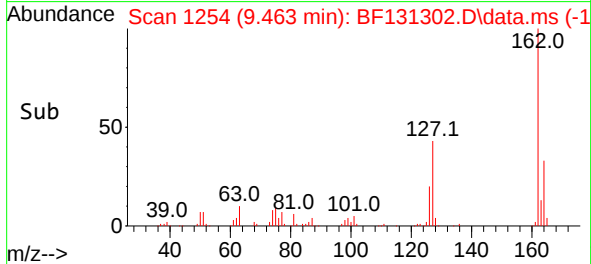
Instrument :
BNA_F
ClientSampleId :
LOQ-WATER-02-QT4-2022



Tgt Ion:162 Resp: 54506
Ion Ratio Lower Upper
162 100
127 42.5 31.1 46.7
164 33.1 26.9 40.3

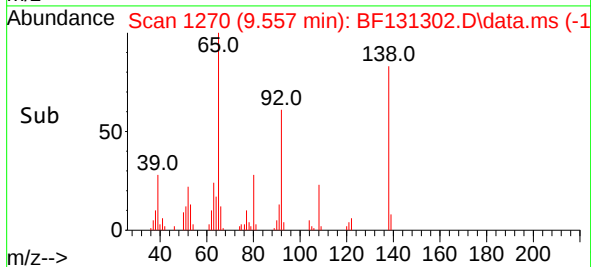
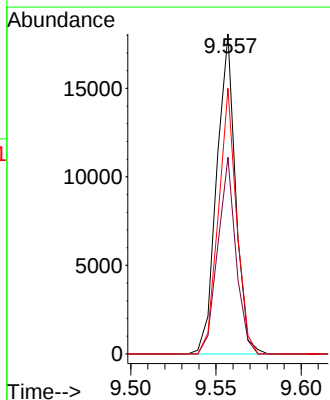
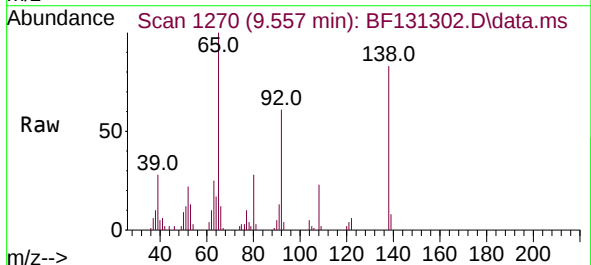
Manual Integrations
APPROVED

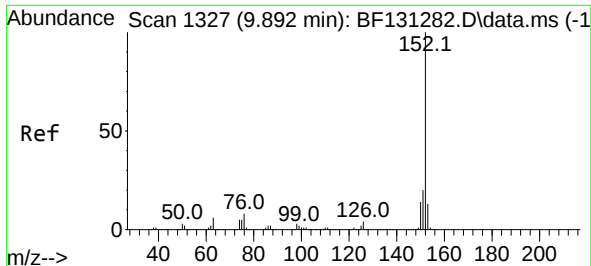
Reviewed By :Christian Giraldo 11/21/2022
Supervised By :Jagrut Upadhyay 11/21/2022



#48
2-Nitroaniline
Concen: 4.533 ng
RT: 9.557 min Scan# 1270
Delta R.T. -0.006 min
Lab File: BF131302.D
Acq: 18 Nov 2022 17:39

Tgt Ion: 65 Resp: 13876
Ion Ratio Lower Upper
65 100
92 61.4 47.2 70.8
138 83.0 64.2 96.4





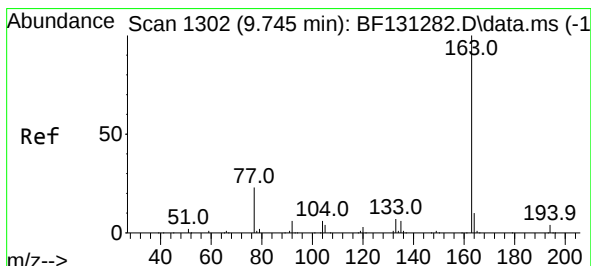
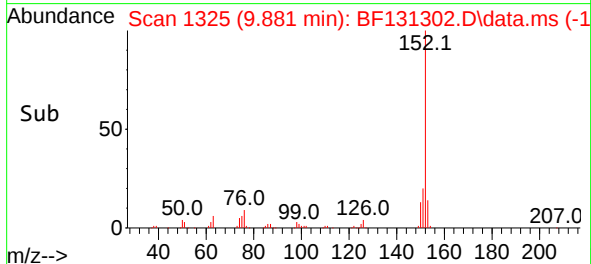
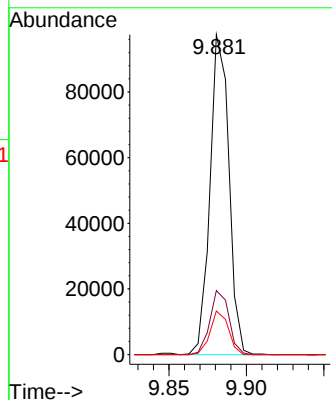
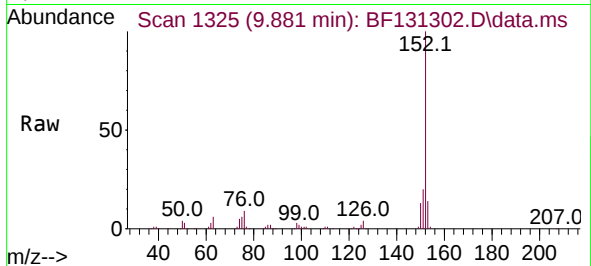
#49
Acenaphthylene
Concen: 4.918 ng
RT: 9.881 min Scan# 1327
Delta R.T. -0.011 min
Lab File: BF131302.D
Acq: 18 Nov 2022 17:39

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

Tgt Ion:152 Resp: 8320
Ion Ratio Lower Upper
152 100
151 20.0 15.9 23.9
153 13.6 10.4 15.6

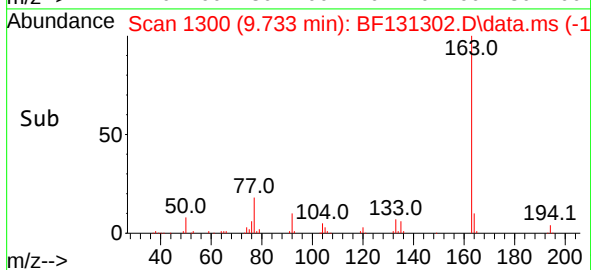
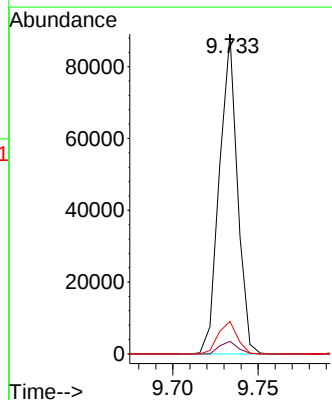
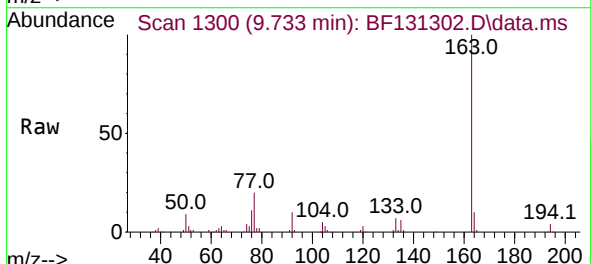
Manual Integrations
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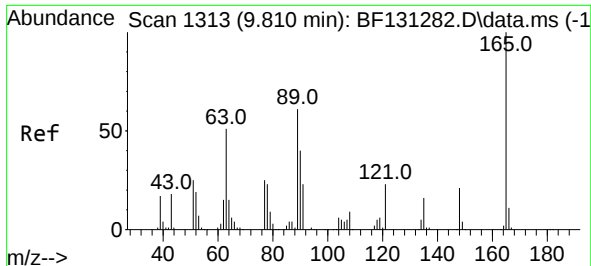
Reviewed By :Christian Giraldo 11/21/2022
Supervised By :Jagrut Upadhyay 11/21/2022



#50
Dimethylphthalate
Concen: 5.060 ng
RT: 9.733 min Scan# 1300
Delta R.T. -0.012 min
Lab File: BF131302.D
Acq: 18 Nov 2022 17:39

Tgt Ion:163 Resp: 65443
Ion Ratio Lower Upper
163 100
194 3.9 3.1 4.7
164 10.1 8.4 12.6





#51

2,6-Dinitrotoluene

Concen: 4.913 ng

RT: 9.798 min Scan# 1311

Delta R.T. -0.012 min

Lab File: BF131302.D

Acq: 18 Nov 2022 17:39

Instrument :

BNA_F

ClientSampleId :

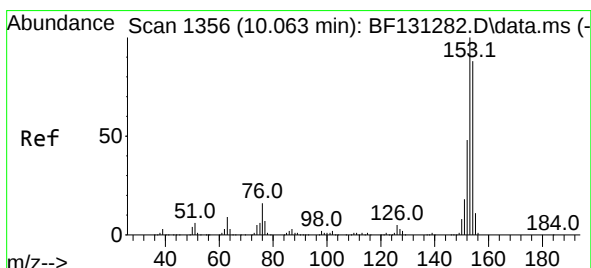
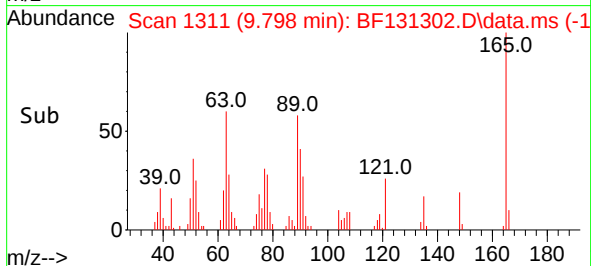
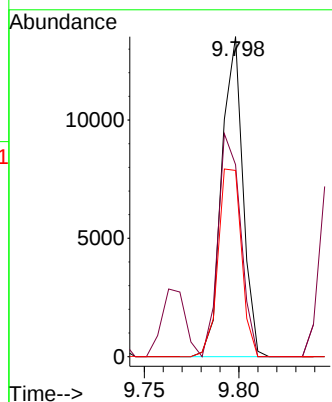
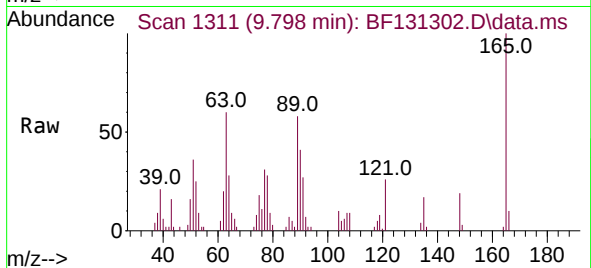
LOQ-WATER-02-QT4-2022

Tgt Ion:	165	Resp:	1043
Ion Ratio	Lower	Upper	
165	100		
63	60.0	53.3	79.9
89	58.2	49.4	74.0

Manual Integrations

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



#52

Acenaphthene

Concen: 4.806 ng

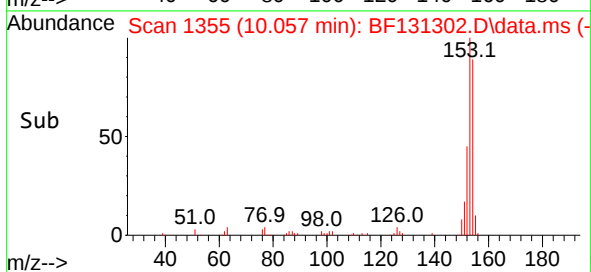
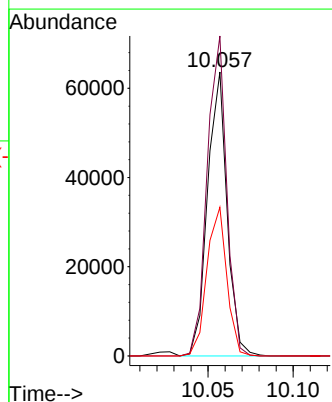
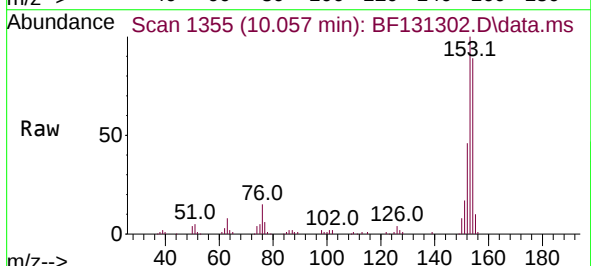
RT: 10.057 min Scan# 1355

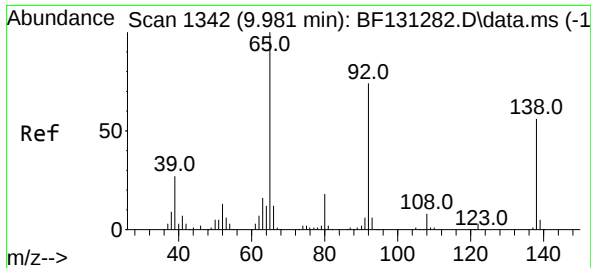
Delta R.T. -0.006 min

Lab File: BF131302.D

Acq: 18 Nov 2022 17:39

Tgt Ion:	154	Resp:	50725
Ion Ratio	Lower	Upper	
154	100		
153	112.7	90.7	136.1
152	52.3	43.1	64.7





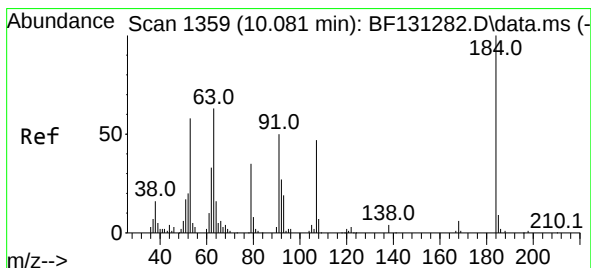
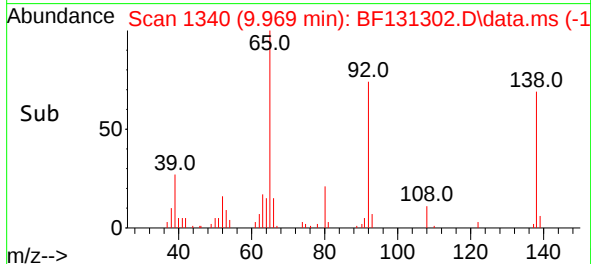
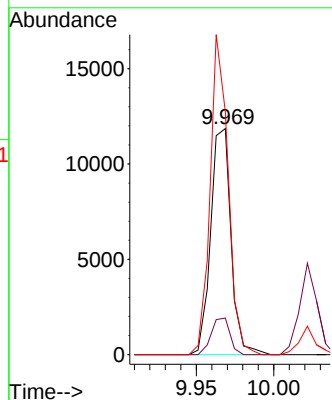
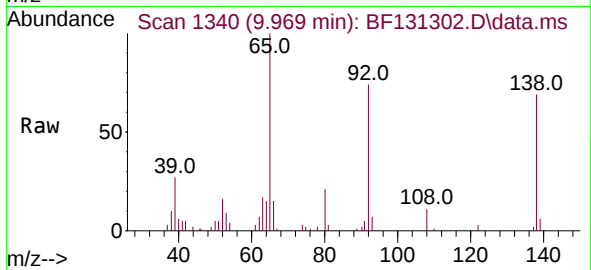
#53
3-Nitroaniline
Concen: 4.830 ng
RT: 9.969 min Scan# 1342
Delta R.T. -0.012 min
Lab File: BF131302.D
Acq: 18 Nov 2022 17:39

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

Tgt Ion:138 Resp: 10860
Ion Ratio Lower Upper
138 100
108 16.2 11.1 16.7
92 107.5 105.4 158.2

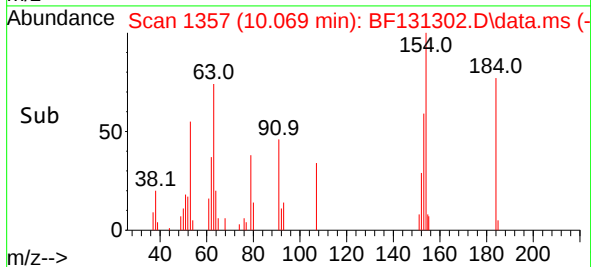
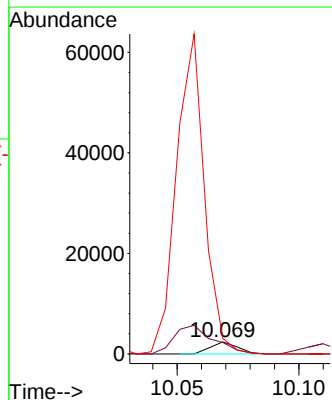
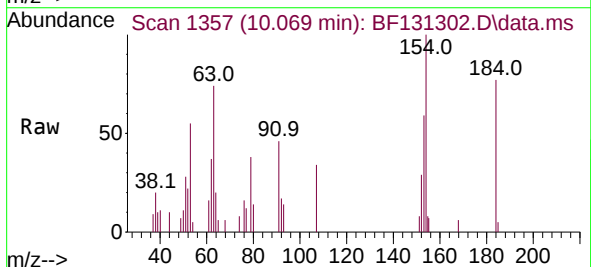
Manual Integrations
APPROVED

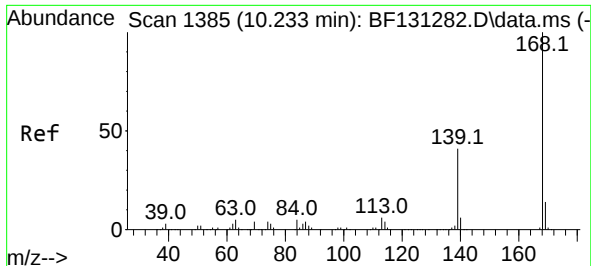
Reviewed By :Christian Giraldo 11/21/2022
Supervised By :Jagrut Upadhyay 11/21/2022



#54
2,4-Dinitrophenol
Concen: 2.443 ng
RT: 10.069 min Scan# 1357
Delta R.T. -0.012 min
Lab File: BF131302.D
Acq: 18 Nov 2022 17:39

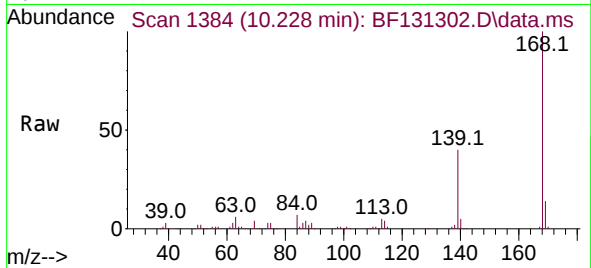
Tgt Ion:184 Resp: 1828
Ion Ratio Lower Upper
184 100
63 95.6 64.8 97.2
154 129.3 58.0 87.0#





#55
Dibenzofuran
Concen: 5.000 ng
RT: 10.228 min Scan# 1385
Delta R.T. -0.005 min
Lab File: BF131302.D
Acq: 18 Nov 2022 17:39

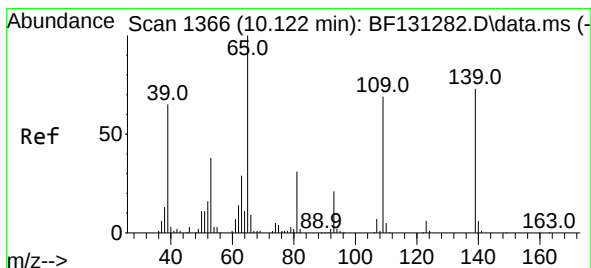
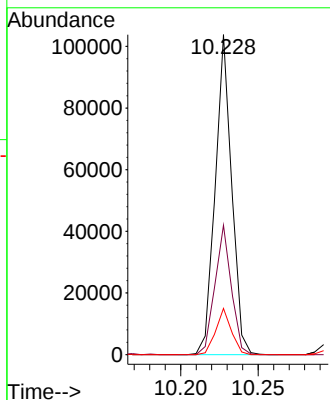
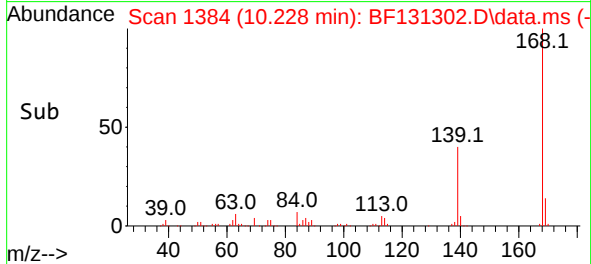
Instrument : BNA_F
ClientSampleId :
LOQ-WATER-02-QT4-2022



Tgt Ion:168 Resp: 76528
Ion Ratio Lower Upper
168 100
139 40.4 33.2 49.8
169 14.4 11.0 16.4

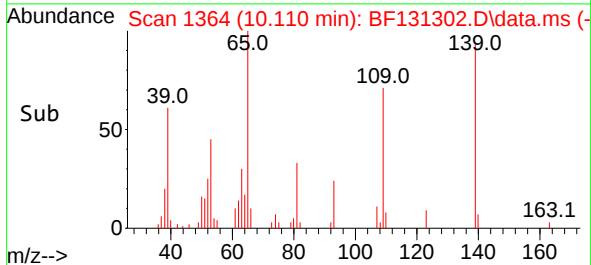
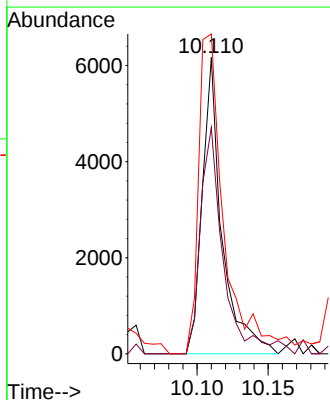
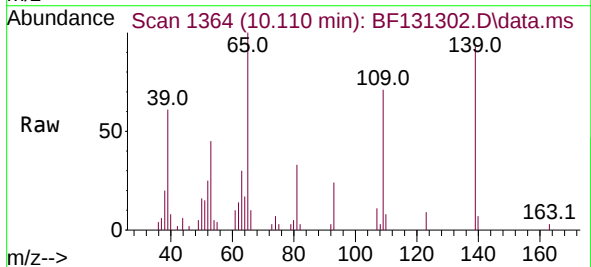
Manual Integrations
APPROVED

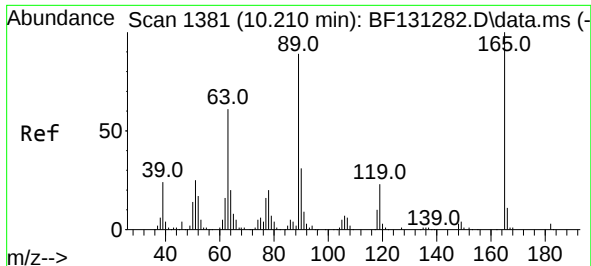
Reviewed By :Christian Giraldo 11/21/2022
Supervised By :Jagrut Upadhyay 11/21/2022



#56
4-Nitrophenol
Concen: 3.518 ng
RT: 10.110 min Scan# 1364
Delta R.T. -0.012 min
Lab File: BF131302.D
Acq: 18 Nov 2022 17:39

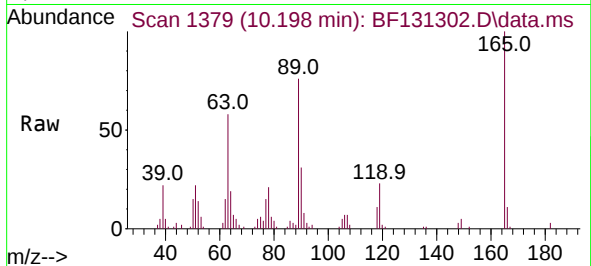
Tgt Ion:139 Resp: 5952
Ion Ratio Lower Upper
139 100
109 76.3 74.2 114.2
65 107.9 116.8 156.8#





#57
2,4-Dinitrotoluene
Concen: 4.506 ng
RT: 10.198 min Scan# 1381
Delta R.T. -0.012 min
Lab File: BF131302.D
Acq: 18 Nov 2022 17:39

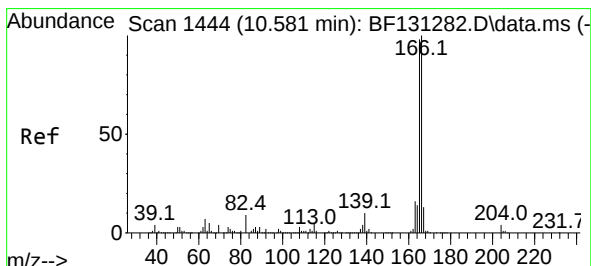
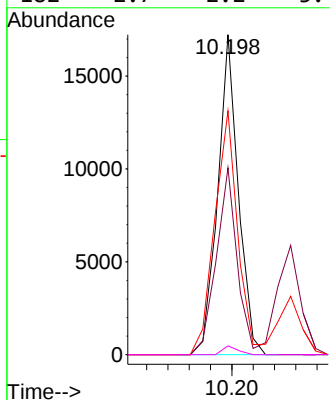
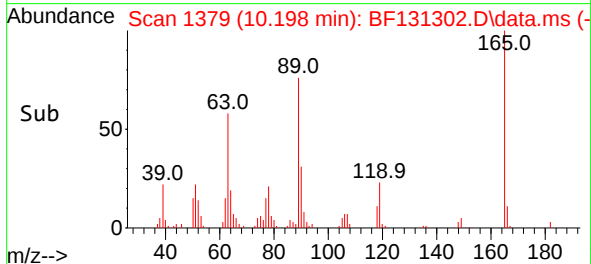
Instrument :
BNA_F
ClientSampleId :
LOQ-WATER-02-QT4-2022



Tgt Ion:	165	Resp:	1157
Ion Ratio	Lower	Upper	
165	100		
63	58.4	49.0	73.6
89	76.2	71.1	106.7
182	2.7	2.2	3.4

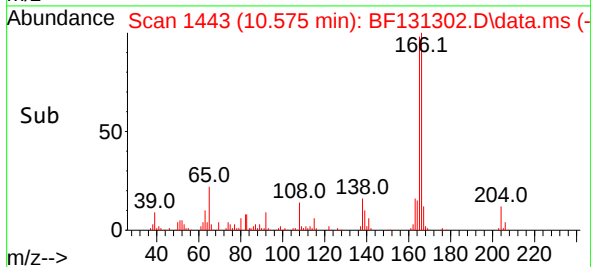
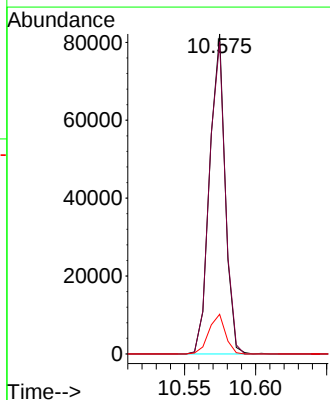
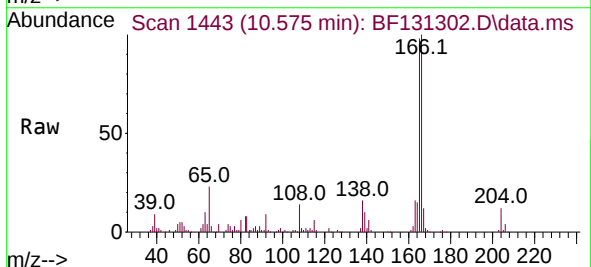
Manual Integrations
APPROVED

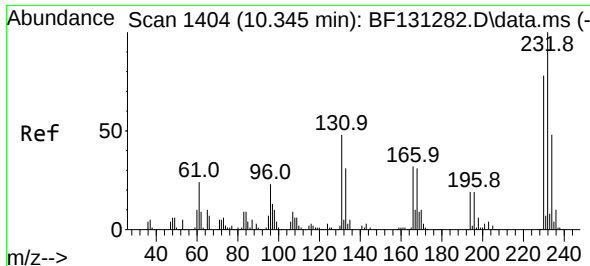
Reviewed By :Christian Giraldo 11/21/2022
Supervised By :Jagrut Upadhyay 11/21/2022



#58
Fluorene
Concen: 5.115 ng
RT: 10.575 min Scan# 1443
Delta R.T. -0.006 min
Lab File: BF131302.D
Acq: 18 Nov 2022 17:39

Tgt Ion:	166	Resp:	62176
Ion Ratio	Lower	Upper	
166	100		
165	97.5	78.2	117.2
167	12.4	10.6	15.8





#59

2,3,4,6-Tetrachlorophenol

Concen: 4.387 ng

RT: 10.339 min Scan# 1403

Delta R.T. -0.006 min

Lab File: BF131302.D

Acq: 18 Nov 2022 17:39

Instrument :

BNA_F

ClientSampleId :

LOQ-WATER-02-QT4-2022

Tgt Ion:232 Resp: 14068

Ion Ratio Lower Upper

232 100

131 44.7 36.0 54.0

130 1.9 1.8 2.6

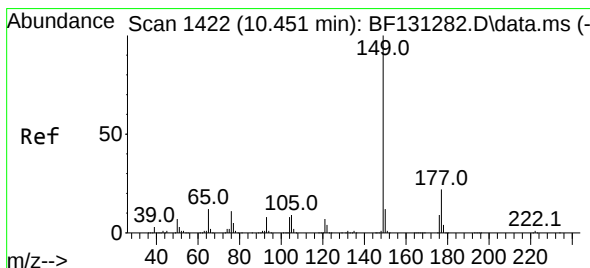
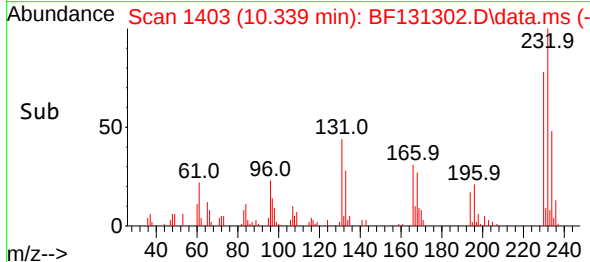
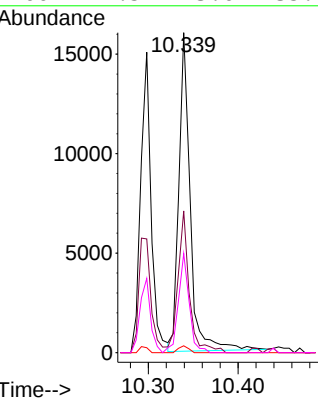
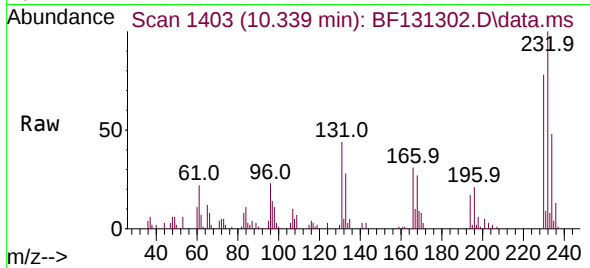
166 29.5 23.6 35.4

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 11/21/2022

Supervised By :Jagrut Upadhyay 11/21/2022



#60

Diethylphthalate

Concen: 5.080 ng

RT: 10.439 min Scan# 1420

Delta R.T. -0.012 min

Lab File: BF131302.D

Acq: 18 Nov 2022 17:39

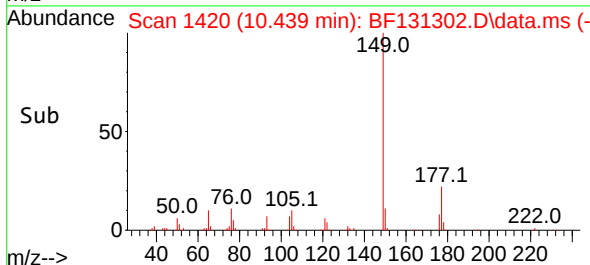
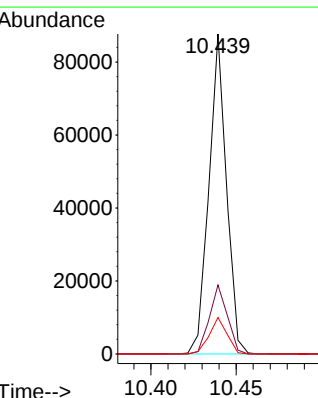
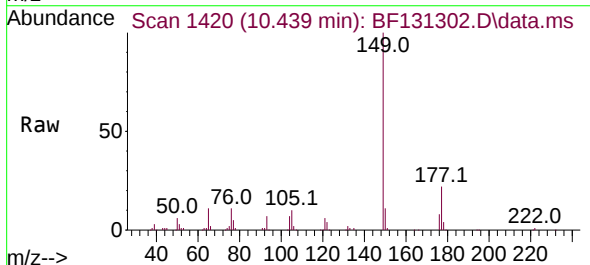
Tgt Ion:149 Resp: 62685

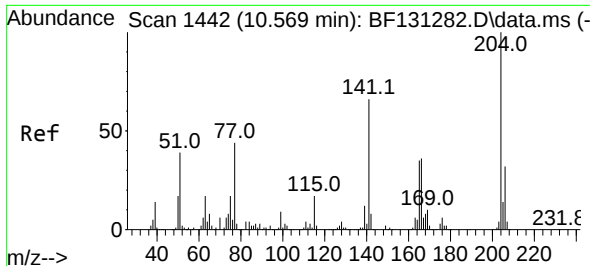
Ion Ratio Lower Upper

149 100

177 21.5 17.9 26.9

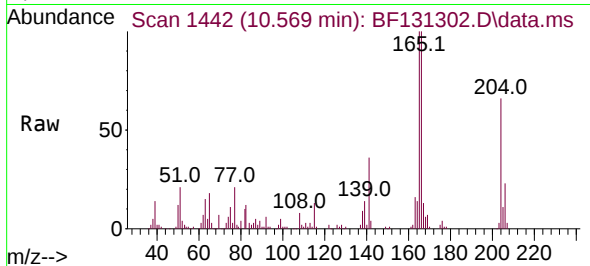
150 11.4 9.8 14.6





#61
4-Chlorophenyl-phenylether
Concen: 5.263 ng
RT: 10.569 min Scan# 1442
Delta R.T. -0.000 min
Lab File: BF131302.D
Acq: 18 Nov 2022 17:39

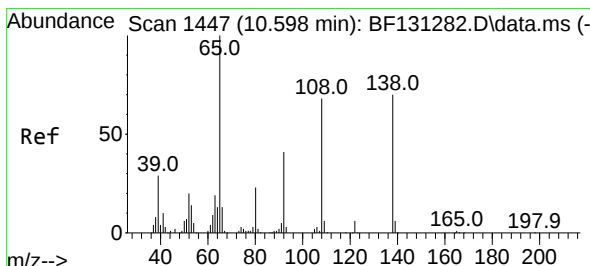
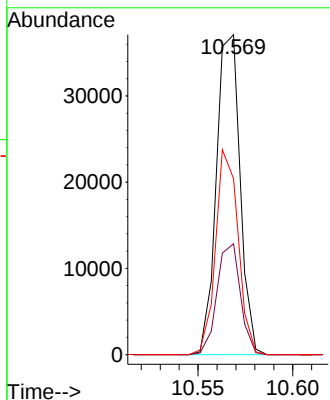
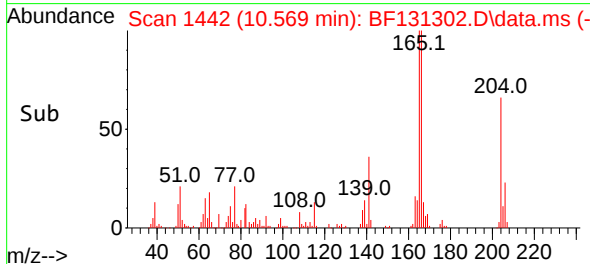
Instrument : BNA_F
ClientSampleId : LOQ-WATER-02-QT4-2022



Tgt Ion:204 Resp: 32431
Ion Ratio Lower Upper
204 100
206 34.6 25.7 38.5
141 55.0 53.1 79.7

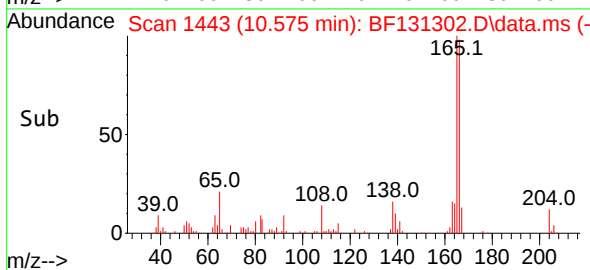
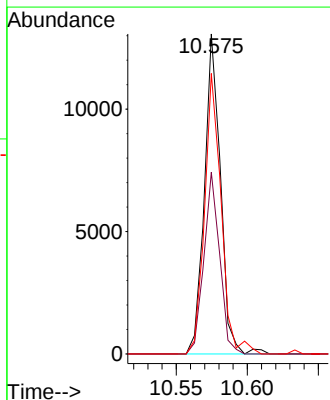
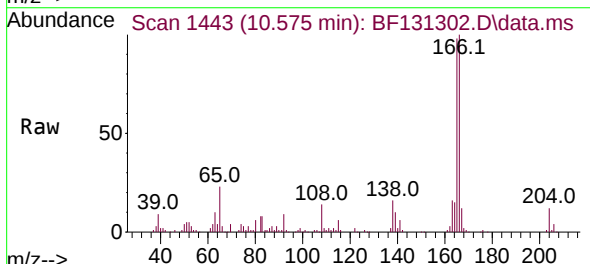
Manual Integrations
APPROVED

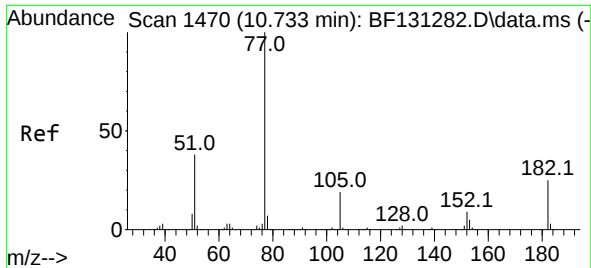
Reviewed By :Christian Giraldo 11/21/2022
Supervised By :Jagrut Upadhyay 11/21/2022



#62
4-Nitroaniline
Concen: 4.485 ng
RT: 10.575 min Scan# 1443
Delta R.T. -0.023 min
Lab File: BF131302.D
Acq: 18 Nov 2022 17:39

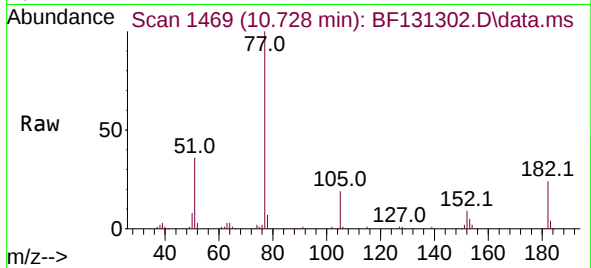
Tgt Ion:138 Resp: 10246
Ion Ratio Lower Upper
138 100
92 56.8 37.5 77.5
108 87.6 76.3 116.3





#63
Azobenzene
Concen: 4.966 ng
RT: 10.728 min Scan# 1470
Delta R.T. -0.006 min
Lab File: BF131302.D
Acq: 18 Nov 2022 17:39

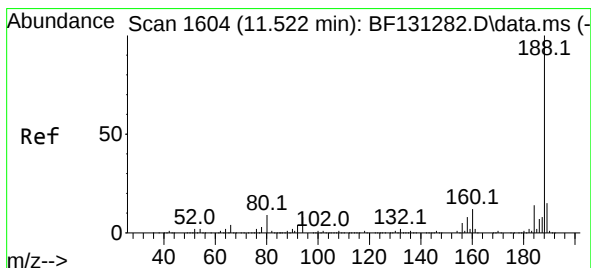
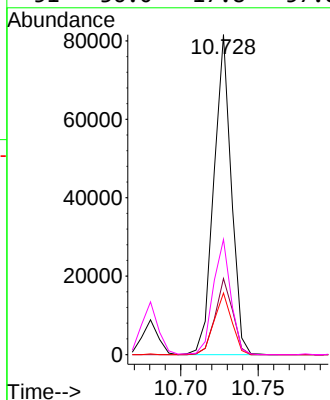
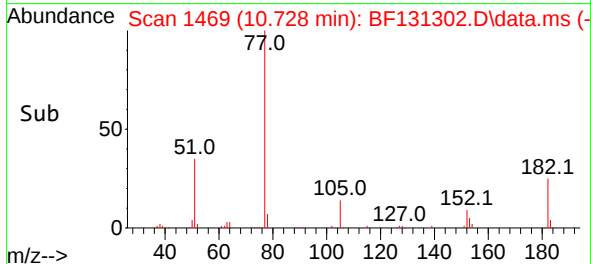
Instrument :
BNA_F
ClientSampleId :
LOQ-WATER-02-QT4-2022



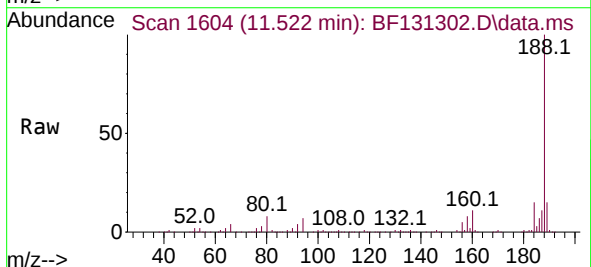
Tgt Ion: 77 Resp: 63642
Ion Ratio Lower Upper
77 100
182 23.8 5.0 45.0
105 19.2 0.0 39.5
51 36.0 17.8 57.8

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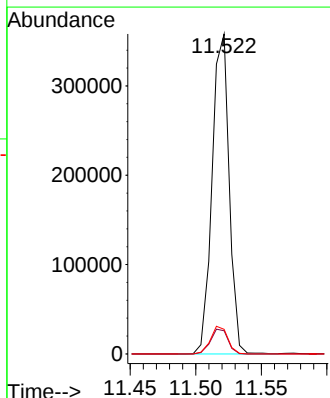
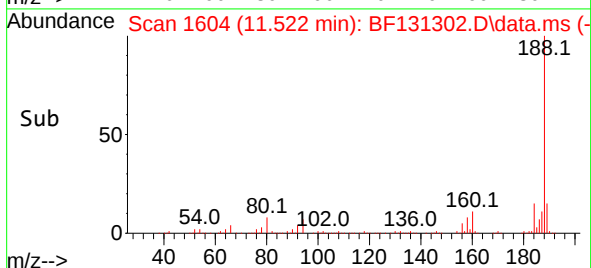
Reviewed By :Christian Giraldo 11/21/2022
Supervised By :Jagrut Upadhyay 11/21/2022

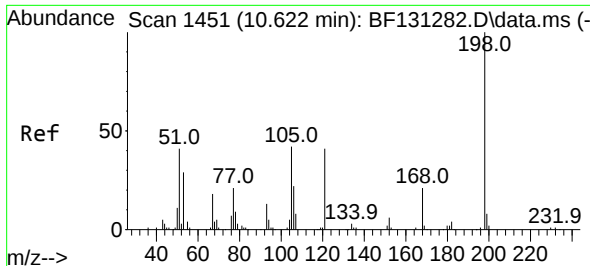


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.522 min Scan# 1604
Delta R.T. -0.000 min
Lab File: BF131302.D
Acq: 18 Nov 2022 17:39



Tgt Ion:188 Resp: 325138
Ion Ratio Lower Upper
188 100
94 7.3 6.5 9.7
80 7.7 7.2 10.8





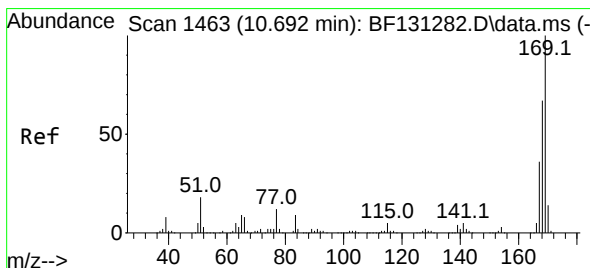
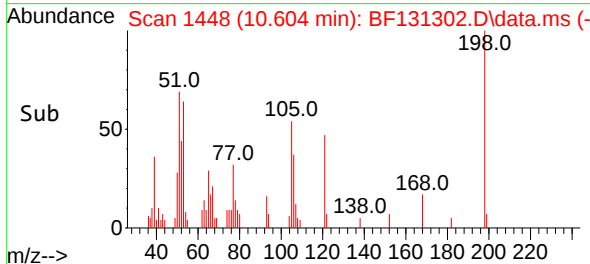
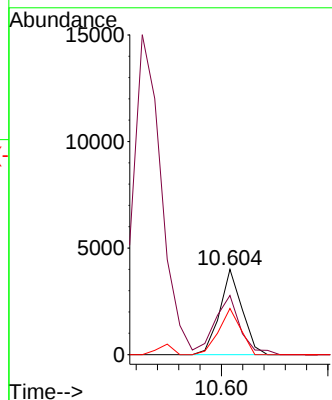
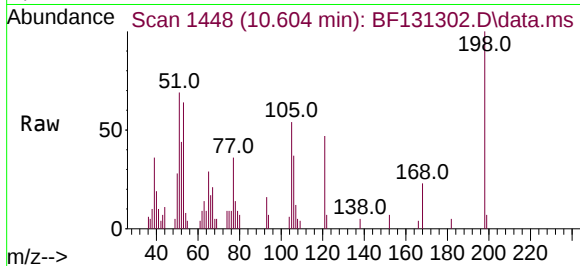
#65
4,6-Dinitro-2-methylphenol
Concen: 2.587 ng
RT: 10.604 min Scan# 1448
Delta R.T. -0.018 min
Lab File: BF131302.D
Acq: 18 Nov 2022 17:39

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

Tgt Ion:198 Resp: 2916
Ion Ratio Lower Upper
198 100
51 69.4 35.7 75.7
105 54.1 23.3 63.3

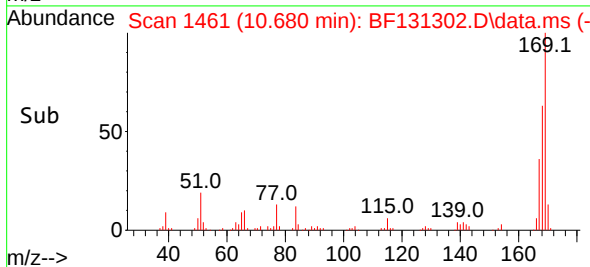
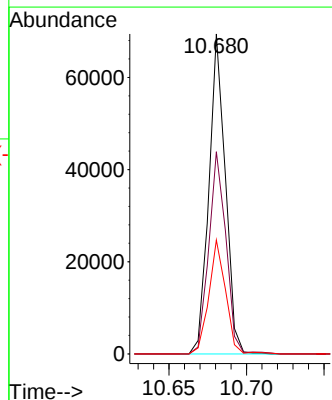
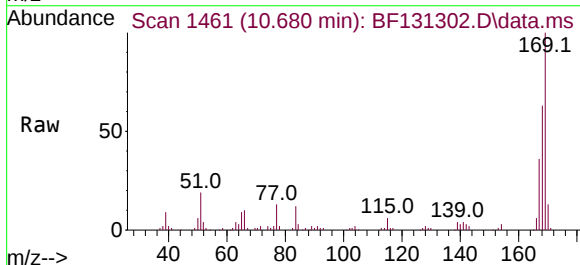
Manual Integrations
APPROVED

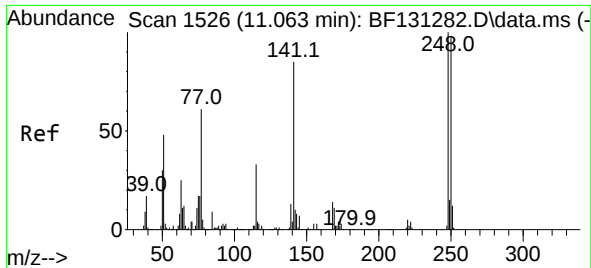
Reviewed By :Christian Giraldo 11/21/2022
Supervised By :Jagrut Upadhyay 11/21/2022



#66
n-Nitrosodiphenylamine
Concen: 4.916 ng
RT: 10.680 min Scan# 1461
Delta R.T. -0.012 min
Lab File: BF131302.D
Acq: 18 Nov 2022 17:39

Tgt Ion:169 Resp: 51505
Ion Ratio Lower Upper
169 100
168 63.2 53.8 80.6
167 35.6 28.9 43.3





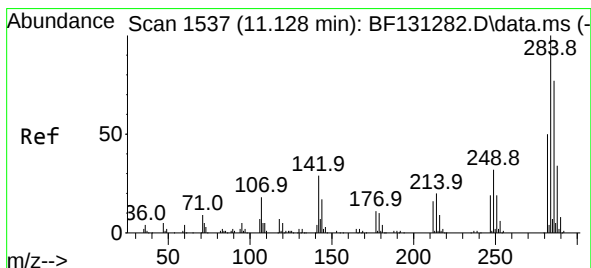
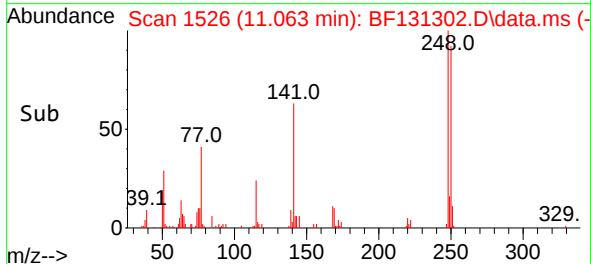
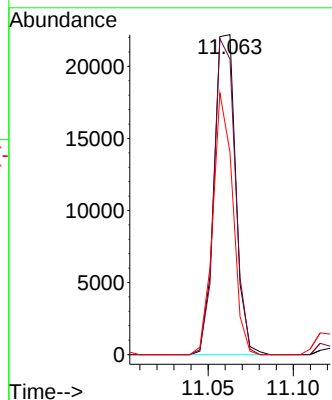
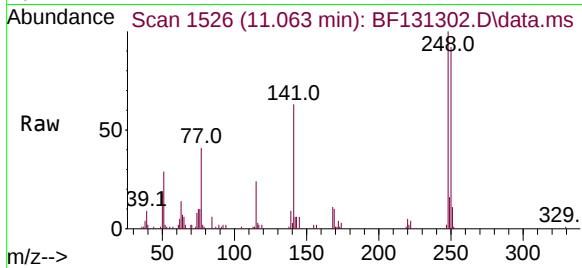
#67
4-Bromophenyl-phenylether
Concen: 5.027 ng
RT: 11.063 min Scan# 1526
Delta R.T. -0.000 min
Lab File: BF131302.D
Acq: 18 Nov 2022 17:39

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

Tgt Ion:248 Resp: 19612
Ion Ratio Lower Upper
248 100
250 92.4 78.3 117.5
141 63.3 67.6 101.4

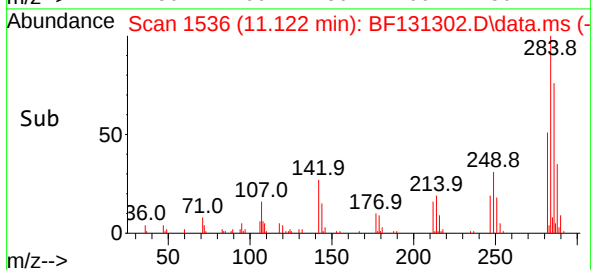
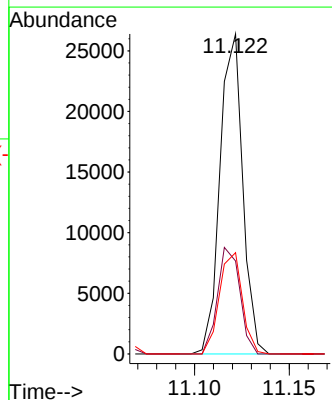
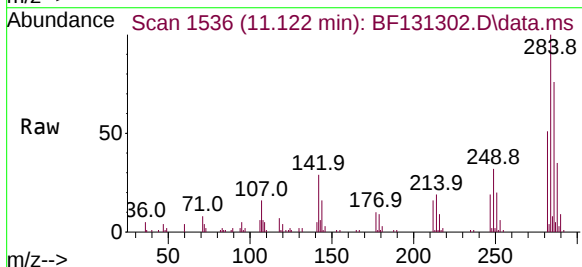
Manual Integrations
APPROVED

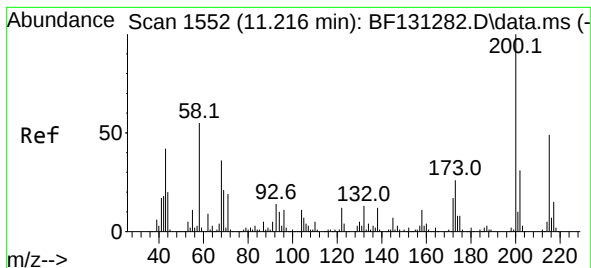
Reviewed By :Christian Giraldo 11/21/2022
Supervised By :Jagrut Upadhyay 11/21/2022



#68
Hexachlorobenzene
Concen: 5.204 ng
RT: 11.122 min Scan# 1536
Delta R.T. -0.006 min
Lab File: BF131302.D
Acq: 18 Nov 2022 17:39

Tgt Ion:284 Resp: 22029
Ion Ratio Lower Upper
284 100
142 29.0 23.4 35.2
249 33.8 25.7 38.5





#69

Atrazine

Concen: 5.423 ng

RT: 11.204 min Scan# 1550

Delta R.T. -0.012 min

Lab File: BF131302.D

Acq: 18 Nov 2022 17:39

Instrument :

BNA_F

ClientSampleId :

LOQ-WATER-02-QT4-2022

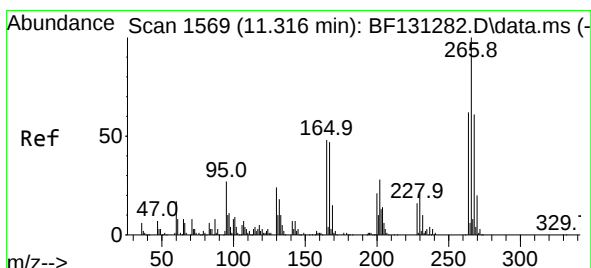
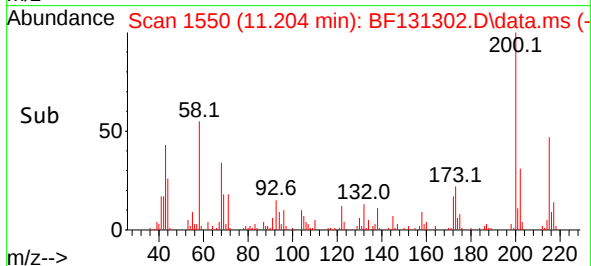
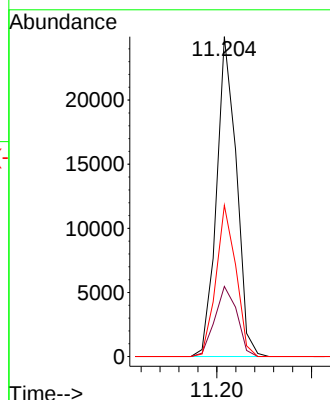
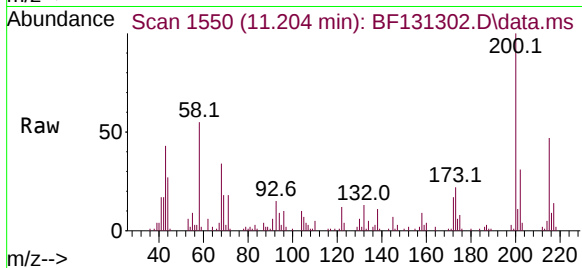
Tgt Ion:200 Resp: 18128
 Ion Ratio Lower Upper
 200 100
 173 21.9 6.0 46.0
 215 47.3 29.0 69.0

Manual Integrations

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Reviewed By :Christian Giraldo 11/21/2022

Supervised By :Jagrut Upadhyay 11/21/2022



#70

Pentachlorophenol

Concen: 3.236 ng

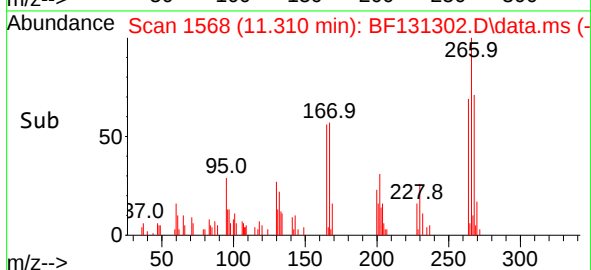
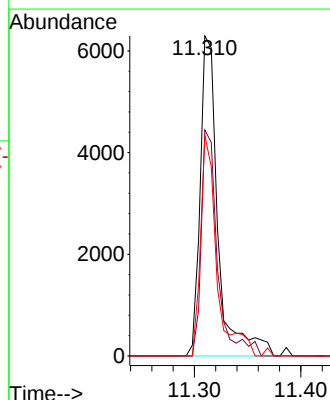
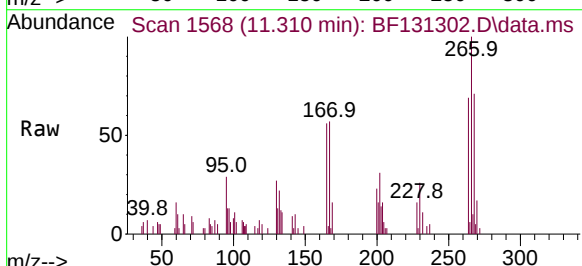
RT: 11.310 min Scan# 1568

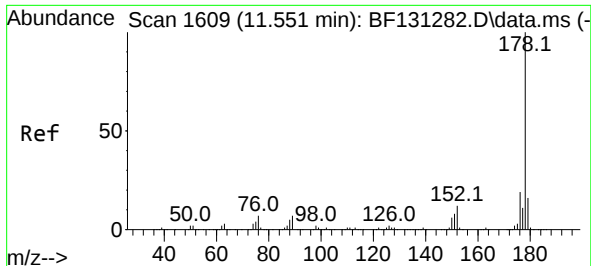
Delta R.T. -0.006 min

Lab File: BF131302.D

Acq: 18 Nov 2022 17:39

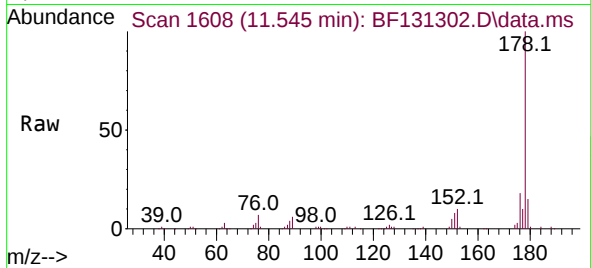
Tgt Ion:266 Resp: 7317
 Ion Ratio Lower Upper
 266 100
 268 70.6 49.0 73.4
 264 68.8 49.7 74.5





#71
Phenanthrene
Concen: 4.956 ng
RT: 11.545 min Scan# 1608
Delta R.T. -0.006 min
Lab File: BF131302.D
Acq: 18 Nov 2022 17:39

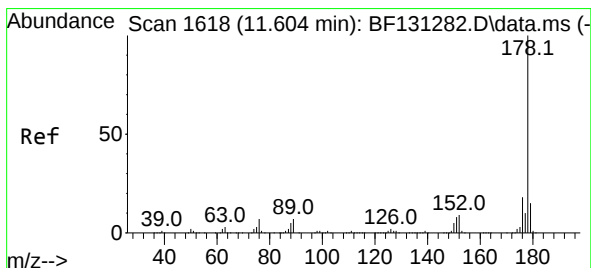
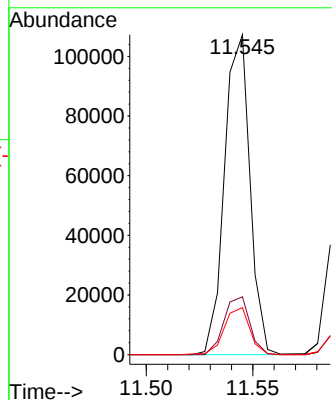
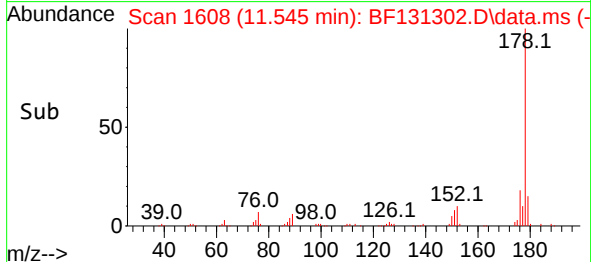
Instrument : BNA_F
ClientSampleId :
LOQ-WATER-02-QT4-2022



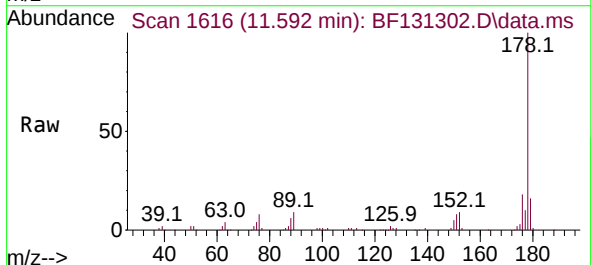
Tgt Ion:178 Resp: 89108
Ion Ratio Lower Upper
178 100
176 18.1 15.5 23.3
179 14.7 12.4 18.6

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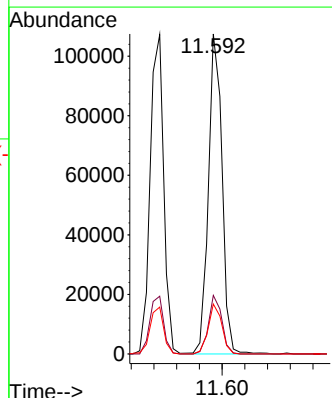
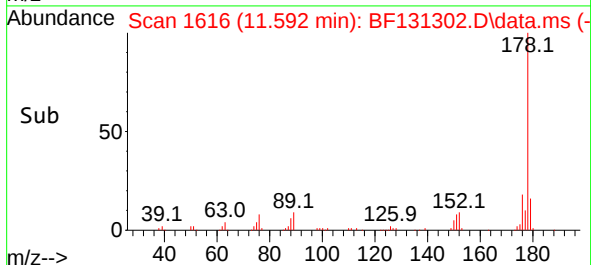
Reviewed By :Christian Giraldo 11/21/2022
Supervised By :Jagrut Upadhyay 11/21/2022

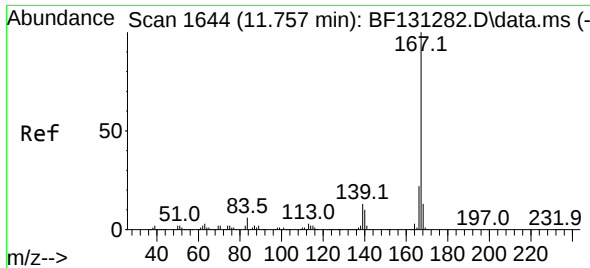


#72
Anthracene
Concen: 5.114 ng
RT: 11.592 min Scan# 1616
Delta R.T. -0.012 min
Lab File: BF131302.D
Acq: 18 Nov 2022 17:39



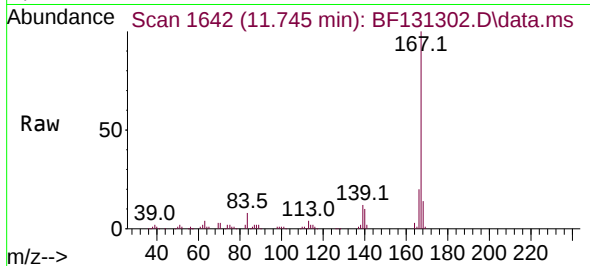
Tgt Ion:178 Resp: 89907
Ion Ratio Lower Upper
178 100
176 18.3 14.6 22.0
179 15.6 12.0 18.0





#73
 Carbazole
 Concen: 5.176 ng
 RT: 11.745 min Scan# 1642
 Delta R.T. -0.012 min
 Lab File: BF131302.D
 Acq: 18 Nov 2022 17:39

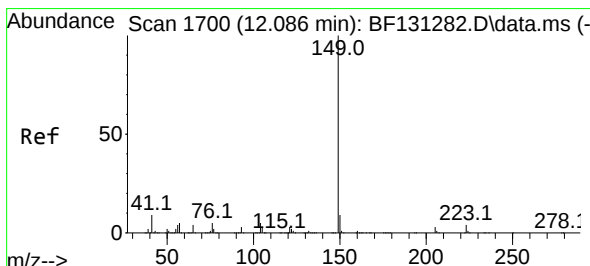
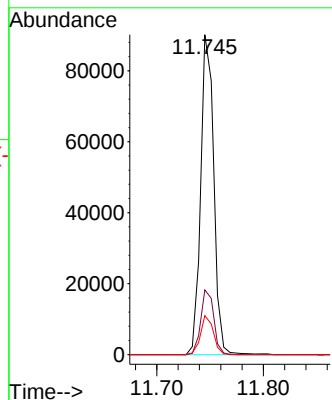
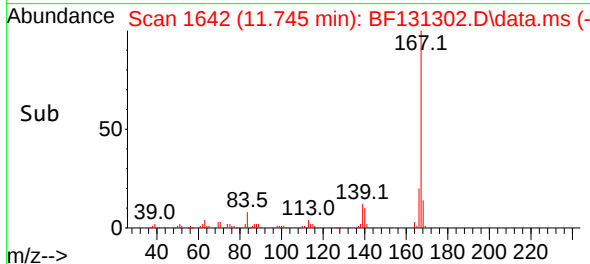
Instrument : BNA_F
 ClientSampleId :
 LOQ-WATER-02-QT4-2022



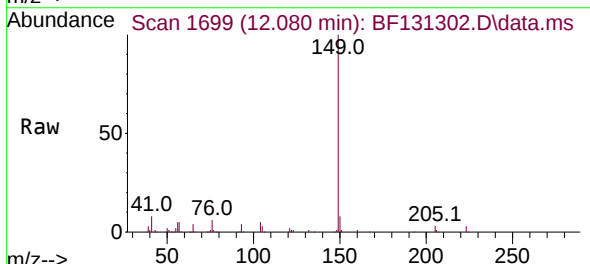
Tgt Ion:167 Resp: 76506
 Ion Ratio Lower Upper
 167 100
 166 20.2 17.4 26.2
 139 12.2 10.2 15.4

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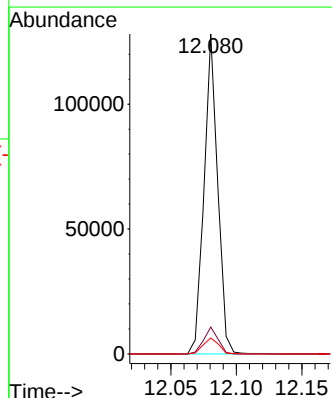
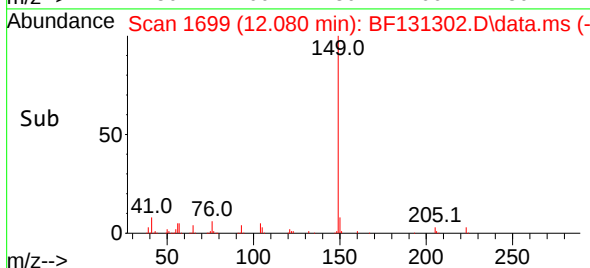
Reviewed By :Christian Giraldo 11/21/2022
 Supervised By :Jagrut Upadhyay 11/21/2022

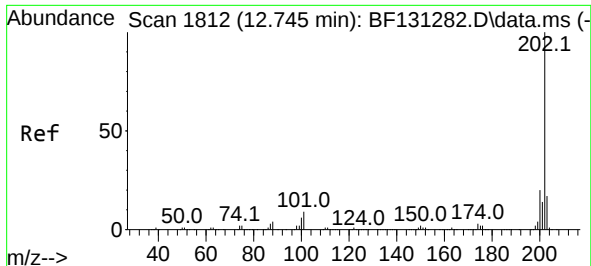


#74
 Di-n-butylphthalate
 Concen: 5.161 ng
 RT: 12.080 min Scan# 1699
 Delta R.T. -0.006 min
 Lab File: BF131302.D
 Acq: 18 Nov 2022 17:39



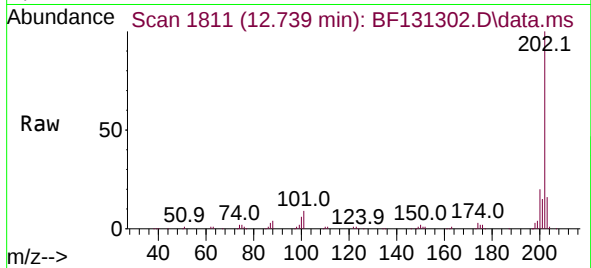
Tgt Ion:149 Resp: 92099
 Ion Ratio Lower Upper
 149 100
 150 8.4 7.1 10.7
 104 5.0 4.3 6.5





#75
Fluoranthene
Concen: 4.931 ng
RT: 12.739 min Scan# 1812
Delta R.T. -0.006 min
Lab File: BF131302.D
Acq: 18 Nov 2022 17:39

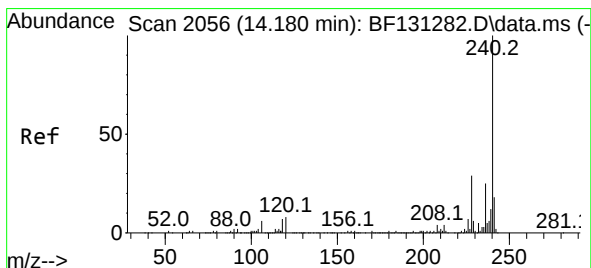
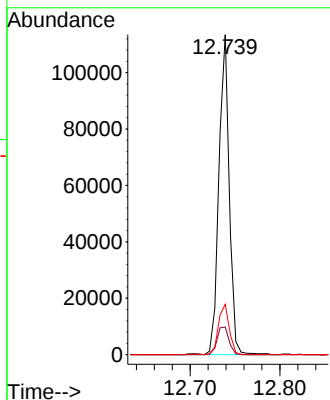
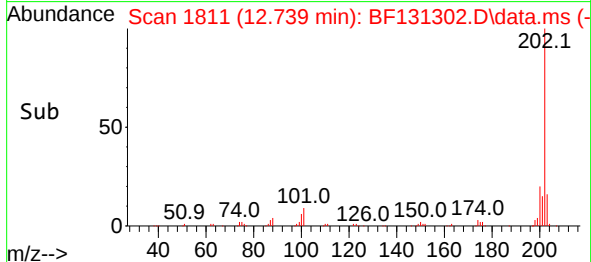
Instrument :
BNA_F
ClientSampleId :
LOQ-WATER-02-QT4-2022



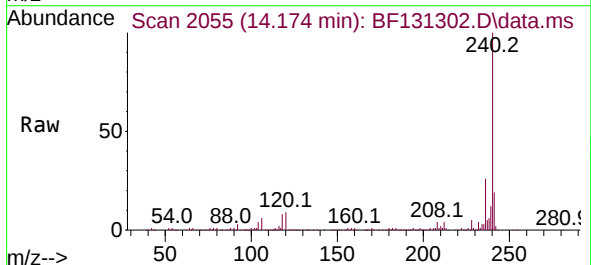
Tgt Ion:202 Resp: 91996
Ion Ratio Lower Upper
202 100
101 8.6 0.0 28.5
203 15.7 0.0 37.3

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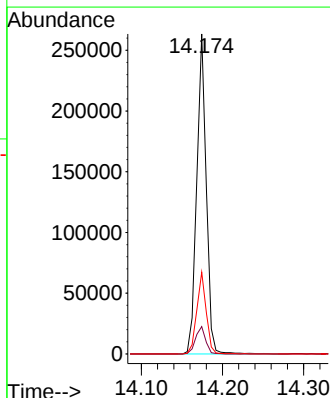
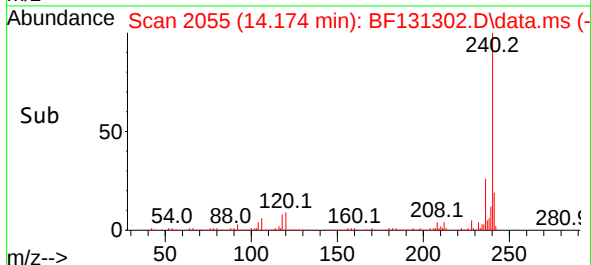
Reviewed By :Christian Giraldo 11/21/2022
Supervised By :Jagrut Upadhyay 11/21/2022

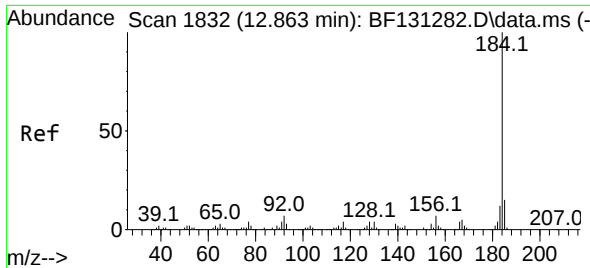


#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.174 min Scan# 2055
Delta R.T. -0.006 min
Lab File: BF131302.D
Acq: 18 Nov 2022 17:39



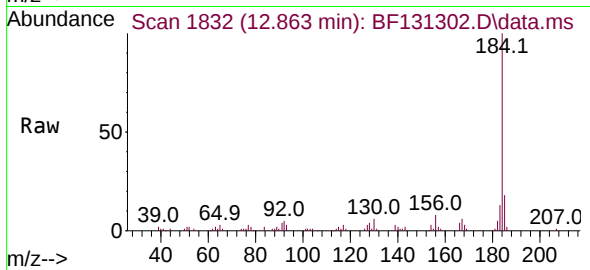
Tgt Ion:240 Resp: 213395
Ion Ratio Lower Upper
240 100
120 8.5 6.2 9.2
236 25.5 19.8 29.6





#77
Benzidine
Concen: 7.293 ng
RT: 12.863 min Scan# 1832
Delta R.T. -0.000 min
Lab File: BF131302.D
Acq: 18 Nov 2022 17:39

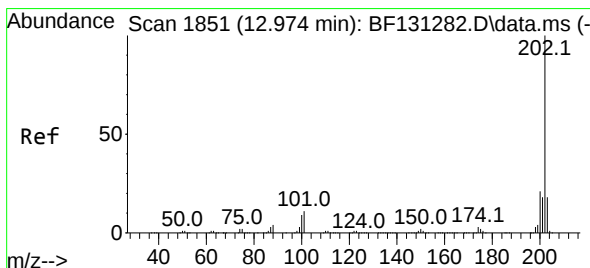
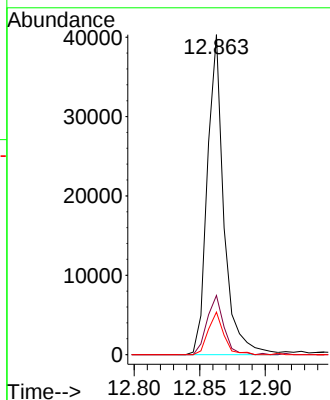
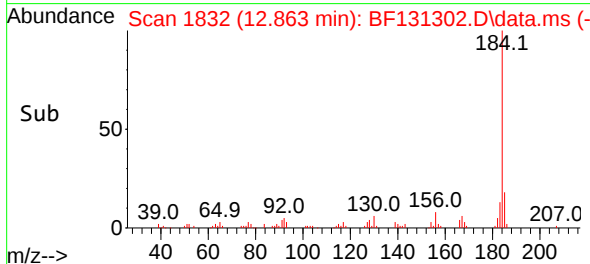
Instrument : BNA_F
ClientSampleId :
LOQ-WATER-02-QT4-2022



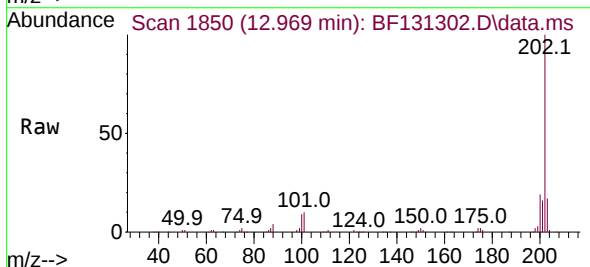
Tgt Ion:184 Resp: 35202
Ion Ratio Lower Upper
184 100
185 18.5 12.3 18.5
183 13.3 9.3 13.9

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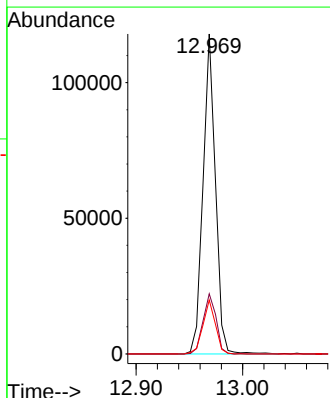
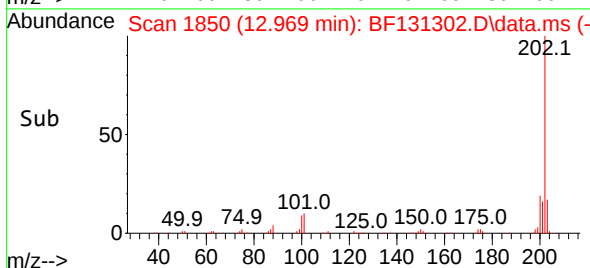
Reviewed By :Christian Giraldo 11/21/2022
Supervised By :Jagrut Upadhyay 11/21/2022

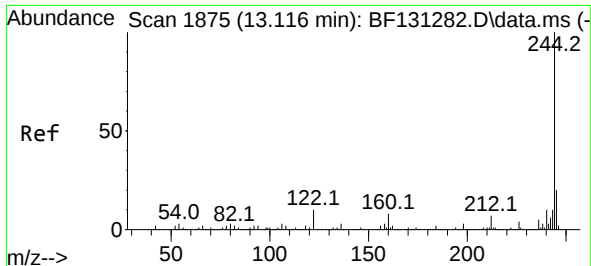


#78
Pyrene
Concen: 4.612 ng
RT: 12.969 min Scan# 1850
Delta R.T. -0.006 min
Lab File: BF131302.D
Acq: 18 Nov 2022 17:39



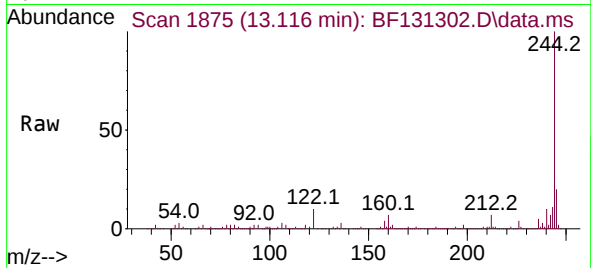
Tgt Ion:202 Resp: 94699
Ion Ratio Lower Upper
202 100
200 18.8 17.2 25.8
203 16.8 14.3 21.5





#79
 Terphenyl-d14
 Concen: 69.846 ng
 RT: 13.116 min Scan# 1875
 Delta R.T. -0.000 min
 Lab File: BF131302.D
 Acq: 18 Nov 2022 17:39

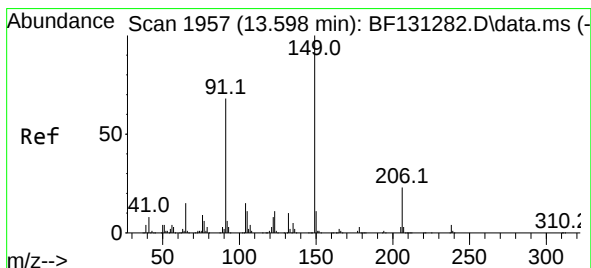
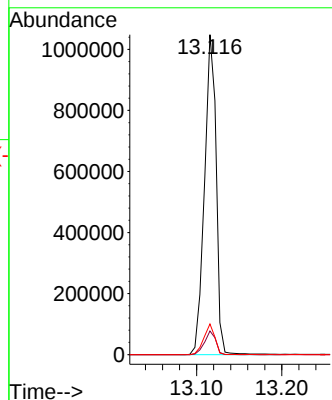
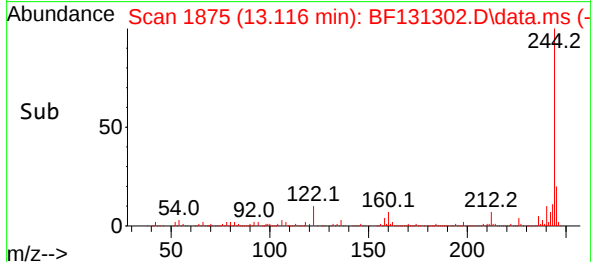
Instrument : BNA_F
 ClientSampleId :
 LOQ-WATER-02-QT4-2022



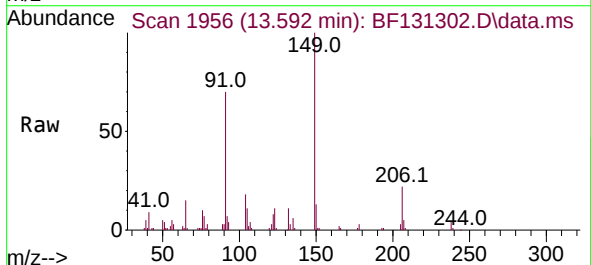
Tgt Ion:244 Resp: 997123
 Ion Ratio Lower Upper
 244 100
 212 7.4 5.8 8.6
 122 9.6 7.8 11.8

Manual Integrations
 APPROVED

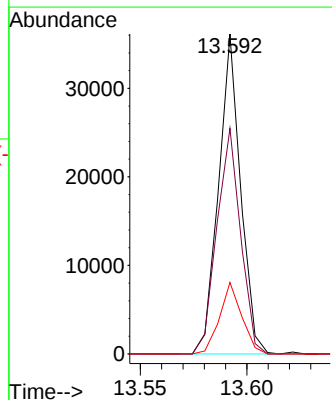
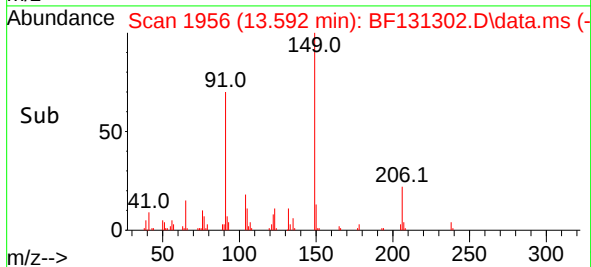
Reviewed By :Christian Giraldo 11/21/2022
 Supervised By :Jagrut Upadhyay 11/21/2022

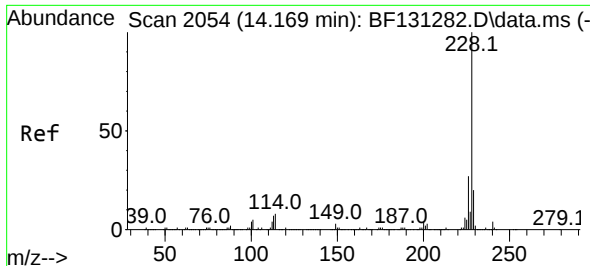


#80
 Butylbenzylphthalate
 Concen: 4.190 ng
 RT: 13.592 min Scan# 1956
 Delta R.T. -0.006 min
 Lab File: BF131302.D
 Acq: 18 Nov 2022 17:39



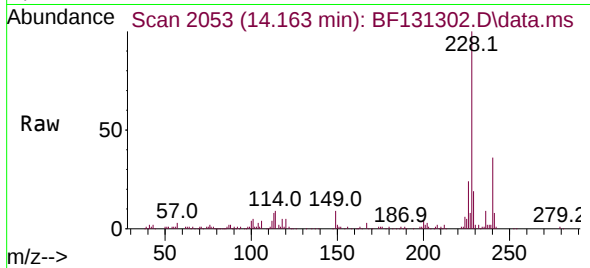
Tgt Ion:149 Resp: 26020
 Ion Ratio Lower Upper
 149 100
 91 70.5 54.6 82.0
 206 22.3 18.1 27.1





#81
Benzo(a)anthracene
Concen: 4.760 ng
RT: 14.163 min Scan# 2053
Delta R.T. -0.006 min
Lab File: BF131302.D
Acq: 18 Nov 2022 17:39

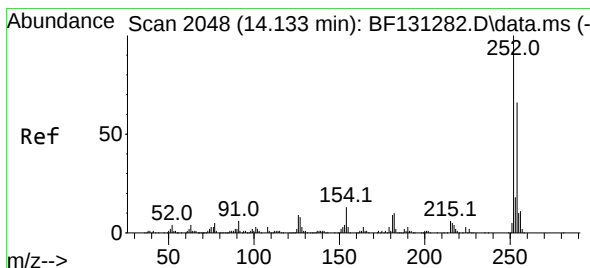
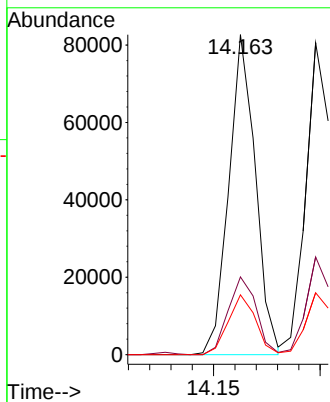
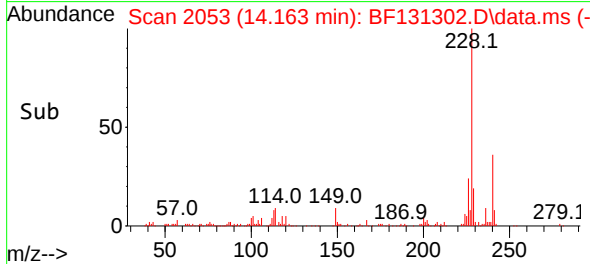
Instrument : BNA_F
ClientSampleId :
LOQ-WATER-02-QT4-2022



Tgt Ion:228 Resp: 71619
Ion Ratio Lower Upper
228 100
226 24.3 21.5 32.3
229 18.7 16.1 24.1

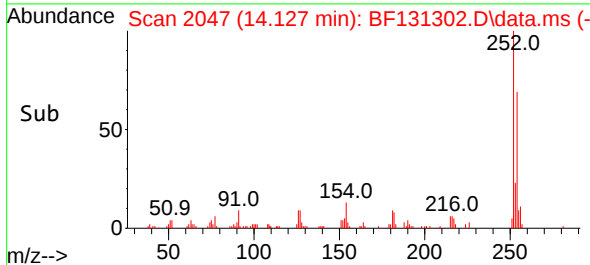
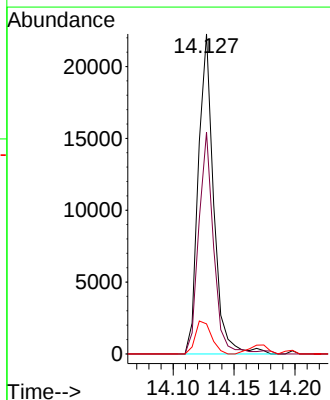
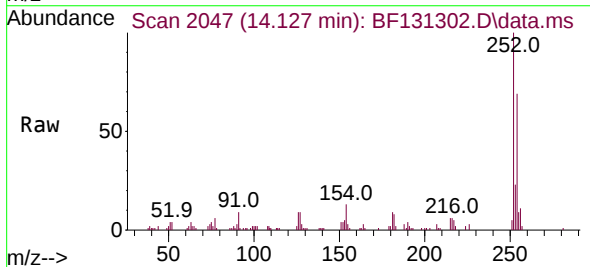
Manual Integrations
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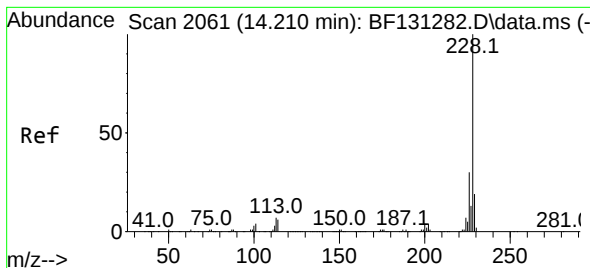
Reviewed By :Christian Giraldo 11/21/2022
Supervised By :Jagrut Upadhyay 11/21/2022



#82
3,3'-Dichlorobenzidine
Concen: 4.856 ng
RT: 14.127 min Scan# 2047
Delta R.T. -0.006 min
Lab File: BF131302.D
Acq: 18 Nov 2022 17:39

Tgt Ion:252 Resp: 19393
Ion Ratio Lower Upper
252 100
254 69.3 52.6 78.8
126 9.4 7.0 10.6





#83

Chrysene

Concen: 4.727 ng

RT: 14.198 min Scan# 2059

Delta R.T. -0.012 min

Lab File: BF131302.D

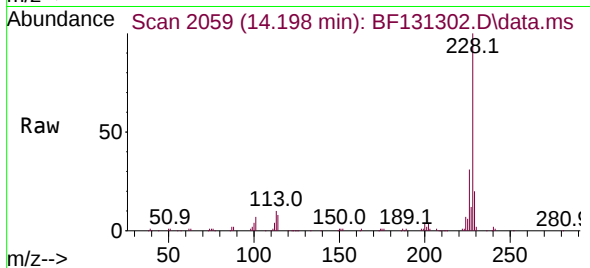
Acq: 18 Nov 2022 17:39

Instrument :

BNA_F

ClientSampleId :

LOQ-WATER-02-QT4-2022



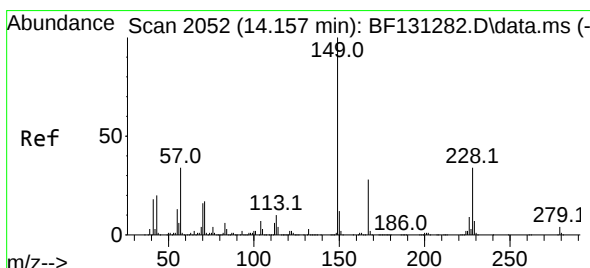
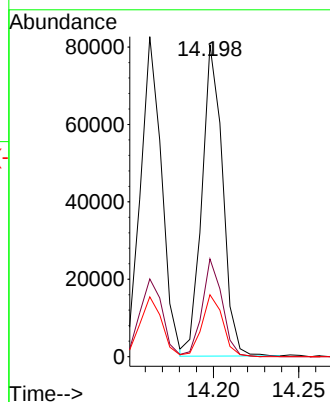
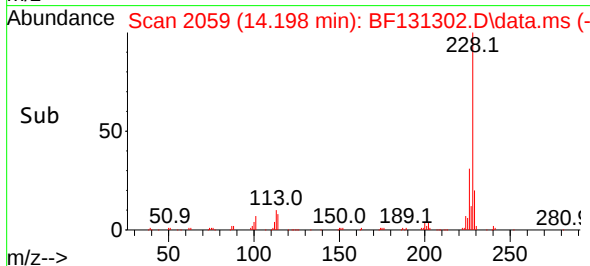
Tgt Ion:228	Resp:	68014
Ion Ratio	Lower	Upper
228	100	
226	31.4	23.8 35.6
229	19.8	15.2 22.8

Manual Integrations

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Reviewed By :Christian Giraldo 11/21/2022

Supervised By :Jagrut Upadhyay 11/21/2022



#84

Bis(2-ethylhexyl)phthalate

Concen: 4.617 ng

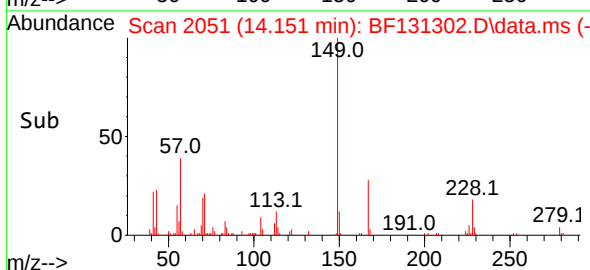
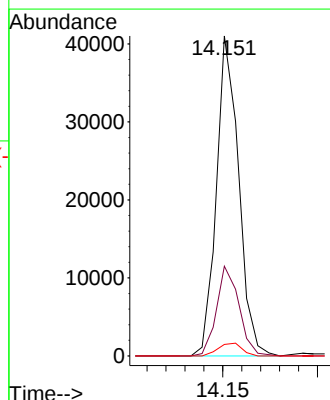
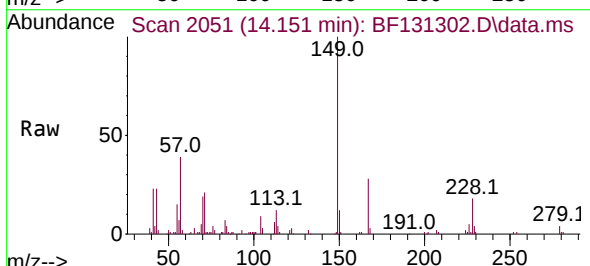
RT: 14.151 min Scan# 2051

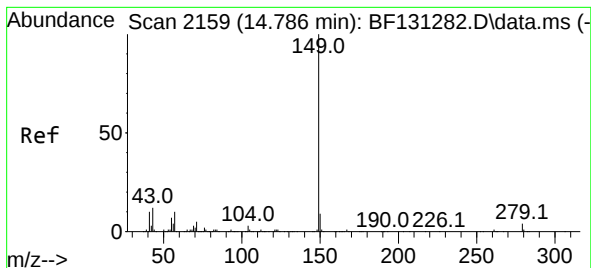
Delta R.T. -0.006 min

Lab File: BF131302.D

Acq: 18 Nov 2022 17:39

Tgt Ion:149	Resp:	33378
Ion Ratio	Lower	Upper
149	100	
167	28.0	22.2 33.4
279	3.6	3.4 5.2





#85

Di-n-octyl phthalate

Concen: 4.191 ng

RT: 14.780 min Scan# 2159

Delta R.T. -0.006 min

Lab File: BF131302.D

Acq: 18 Nov 2022 17:39

Instrument :

BNA_F

ClientSampleId :

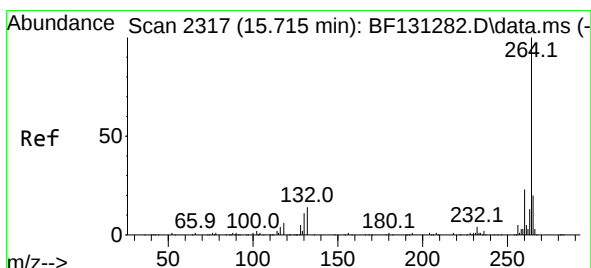
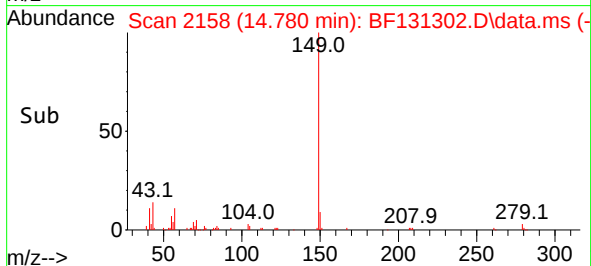
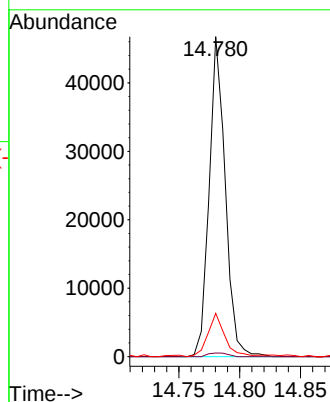
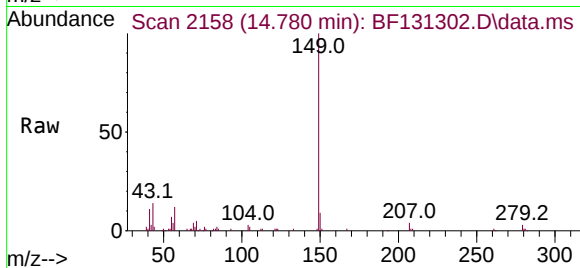
LOQ-WATER-02-QT4-2022

Tgt Ion:149 Resp: 43011
 Ion Ratio Lower Upper
 149 100
 167 1.4 1.2 1.8
 43 14.3 10.6 16.0

Manual Integrations

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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

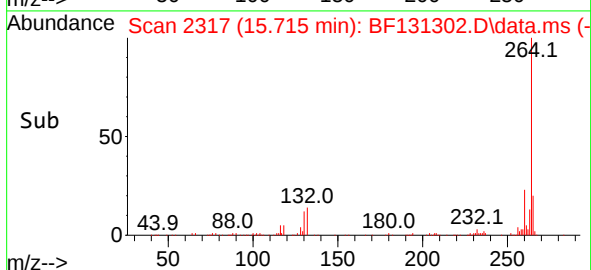
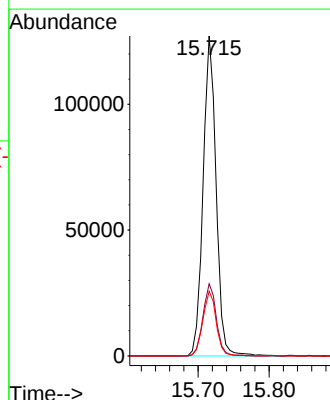
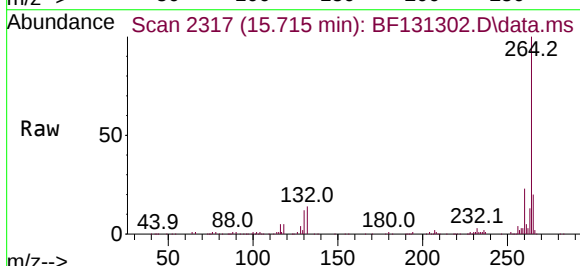
RT: 15.715 min Scan# 2317

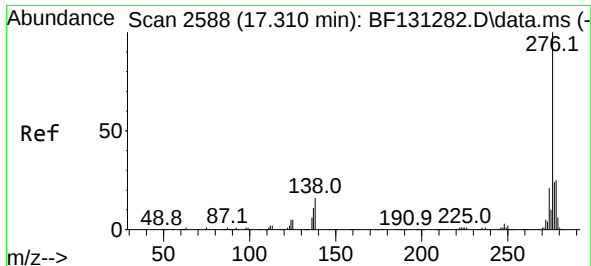
Delta R.T. -0.000 min

Lab File: BF131302.D

Acq: 18 Nov 2022 17:39

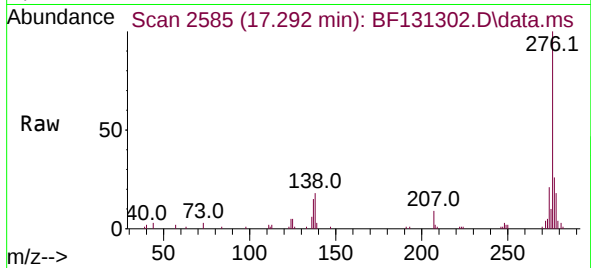
Tgt Ion:264 Resp: 160332
 Ion Ratio Lower Upper
 264 100
 260 22.5 18.7 28.1
 265 20.2 16.2 24.4





#87
Indeno(1,2,3-cd)pyrene
Concen: 3.901 ng
RT: 17.292 min Scan# 21
Delta R.T. -0.018 min
Lab File: BF131302.D
Acq: 18 Nov 2022 17:39

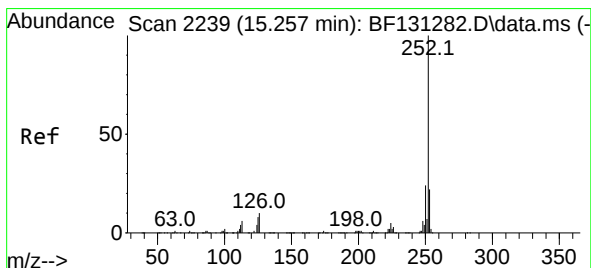
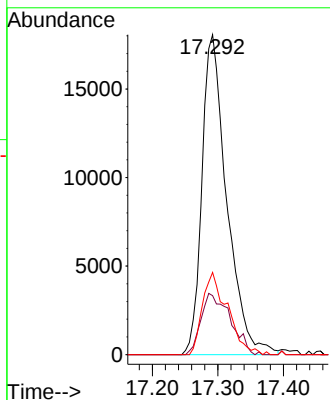
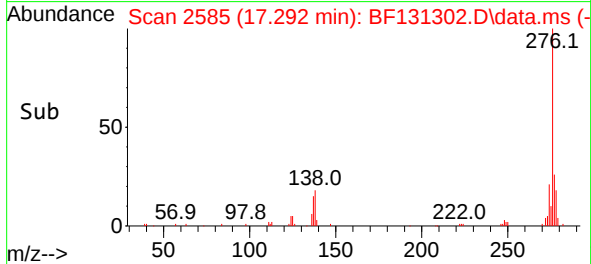
Instrument :
BNA_F
ClientSampleId :
LOQ-WATER-02-QT4-2022



Tgt Ion:276 Resp: 47432
Ion Ratio Lower Upper
276 100
138 22.6 15.1 22.7
277 26.0 20.1 30.1

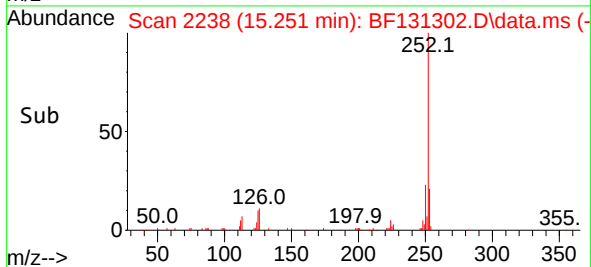
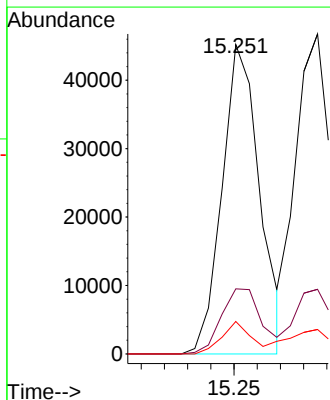
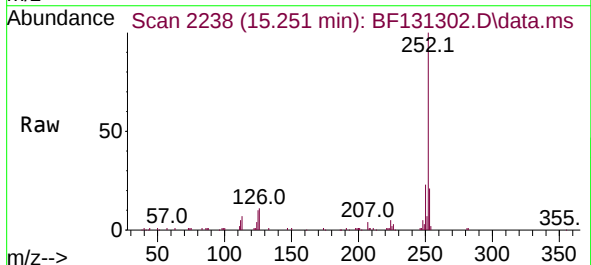
Manual Integrations
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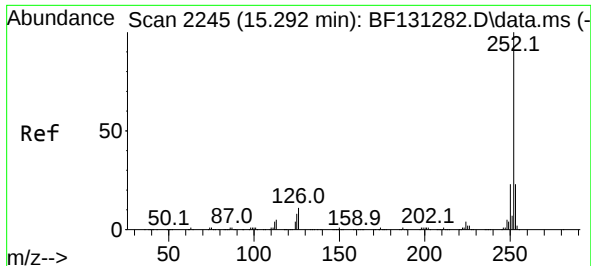
Reviewed By :Christian Giraldo 11/21/2022
Supervised By :Jagrut Upadhyay 11/21/2022



#88
Benzo(b)fluoranthene
Concen: 4.724 ng m
RT: 15.251 min Scan# 2238
Delta R.T. -0.006 min
Lab File: BF131302.D
Acq: 18 Nov 2022 17:39

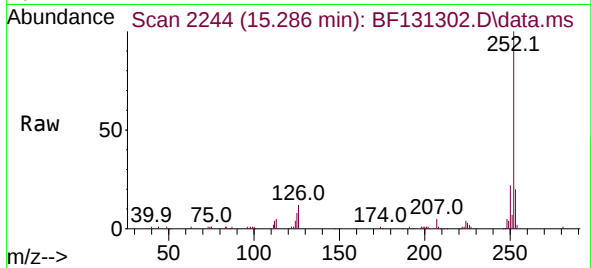
Tgt Ion:252 Resp: 50974
Ion Ratio Lower Upper
252 100
253 21.0 17.4 26.0
125 10.5 6.3 9.5#





#89
Benzo(k)fluoranthene
Concen: 4.775 ng
RT: 15.286 min Scan# 21
Delta R.T. -0.006 min
Lab File: BF131302.D
Acq: 18 Nov 2022 17:39

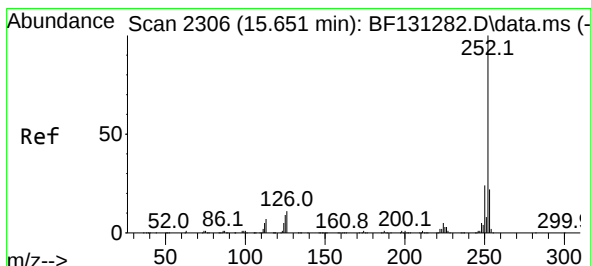
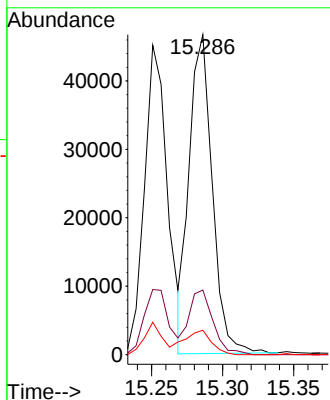
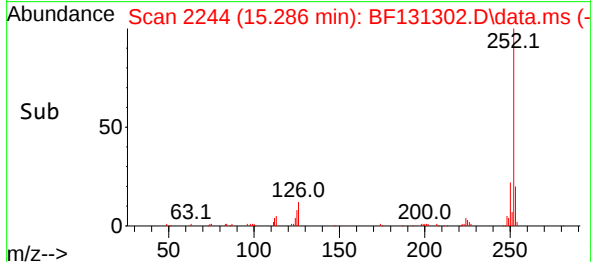
Instrument :
BNA_F
ClientSampleId :
LOQ-WATER-02-QT4-2022



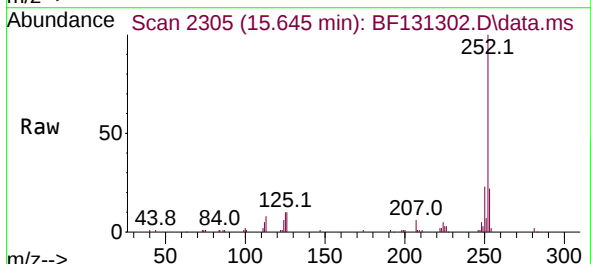
Tgt Ion:252 Resp: 52663
Ion Ratio Lower Upper
252 100
253 20.2 18.0 27.0
125 7.7 6.5 9.7

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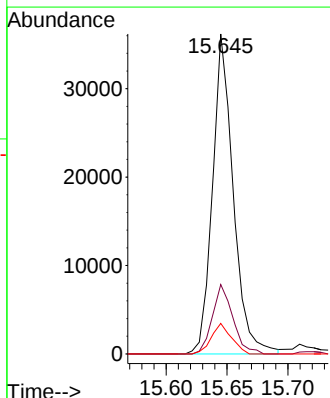
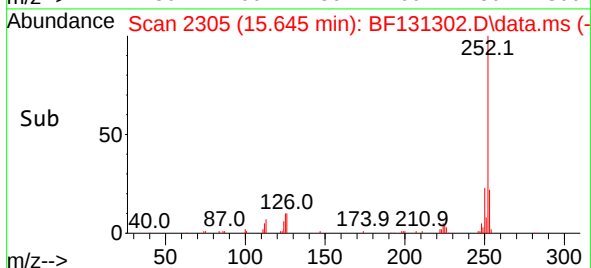
Reviewed By :Christian Giraldo 11/21/2022
Supervised By :Jagrut Upadhyay 11/21/2022

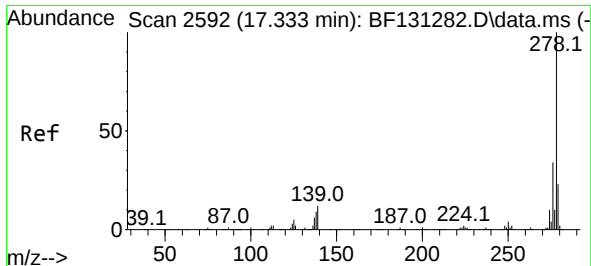


#90
Benzo(a)pyrene
Concen: 4.854 ng
RT: 15.645 min Scan# 2305
Delta R.T. -0.006 min
Lab File: BF131302.D
Acq: 18 Nov 2022 17:39



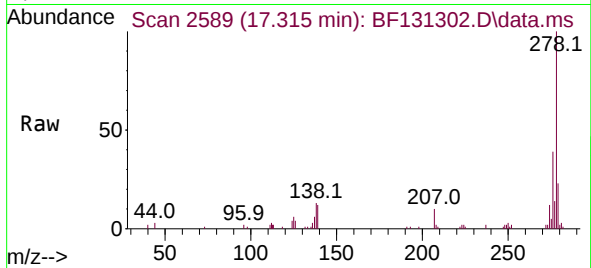
Tgt Ion:252 Resp: 43002
Ion Ratio Lower Upper
252 100
253 21.7 17.7 26.5
125 9.5 7.2 10.8





#91
Dibenzo(a,h)anthracene
Concen: 4.125 ng
RT: 17.315 min Scan# 2589
Delta R.T. -0.018 min
Lab File: BF131302.D
Acq: 18 Nov 2022 17:39

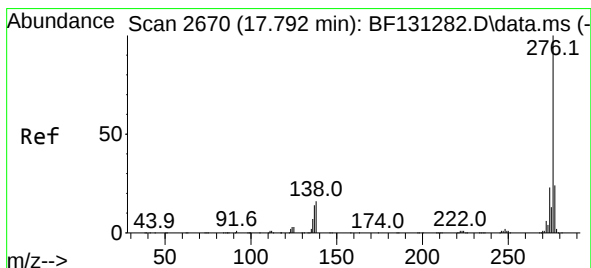
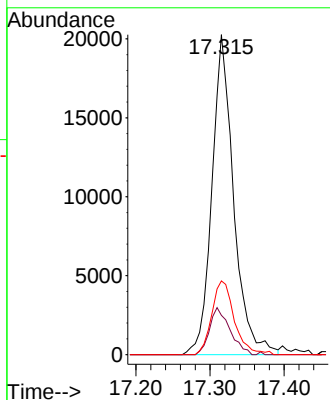
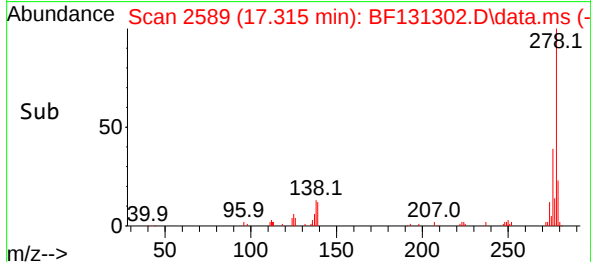
Instrument : BNA_F
ClientSampleId :
LOQ-WATER-02-QT4-2022



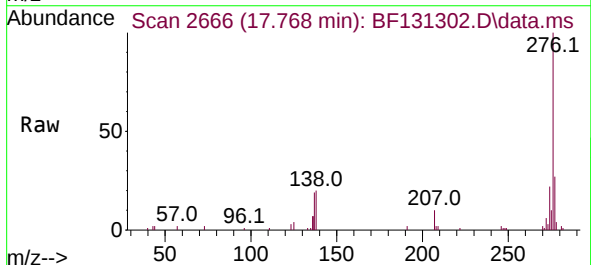
Tgt Ion: 278 Resp: 41278
Ion Ratio Lower Upper
278 100
139 12.3 10.0 15.0
279 23.0 18.6 27.8

Manual Integrations
APPROVED

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



#92
Benzo(g,h,i)perylene
Concen: 4.222 ng
RT: 17.768 min Scan# 2666
Delta R.T. -0.024 min
Lab File: BF131302.D
Acq: 18 Nov 2022 17:39



Tgt Ion: 276 Resp: 42718
Ion Ratio Lower Upper
276 100
277 26.6 19.4 29.0
138 19.5 13.0 19.6

