

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF072122\
 Data File : BF129303.D
 Acq On : 21 Jul 2022 18:51
 Operator : CG\JU
 Sample : N3214-08
 Misc : LOQ-WATER 10ppm
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 LOQ-WATER-02-QT2-2022

Quant Time: Jul 21 19:14:48 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF072022.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Jul 20 13:42:18 2022
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By : Christian Giraldo 07/22/2022
 Supervised By : Jagrut Upadhyay 07/22/2022

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.892	152	145687	20.000	ng	0.00
21) Naphthalene-d8	8.175	136	562676	20.000	ng	0.00
39) Acenaphthene-d10	9.933	164	306248	20.000	ng	0.00
64) Phenanthrene-d10	11.422	188	531481	20.000	ng	0.00
76) Chrysene-d12	14.068	240	398427	20.000	ng	-0.01
86) Perylene-d12	15.562	264	311030	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.516	112	1330537	148.960	ng	0.00
7) Phenol-d6	6.528	99	1719243	150.991	ng	0.00
23) Nitrobenzene-d5	7.457	82	940873	89.960	ng	0.00
42) 2,4,6-Tribromophenol	10.727	330	505304	171.019	ng	0.00
45) 2-Fluorobiphenyl	9.251	172	1667406	83.758	ng	0.00
79) Terphenyl-d14	13.016	244	1870859	87.453	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	2.675	88	37586m	9.490	ng	
3) Pyridine	3.528	79	116359	10.641	ng	99
4) n-Nitrosodimethylamine	3.404	42	50922	10.372	ng	# 99
6) Aniline	6.563	93	157092	11.212	ng	100
8) 2-Chlorophenol	6.681	128	101869	10.403	ng	99
9) Benzaldehyde	6.445	77	84308	10.794	ng	94
10) Phenol	6.540	94	116722m	9.754	ng	
11) bis(2-Chloroethyl)ether	6.628	93	97939	10.339	ng	96
12) 1,3-Dichlorobenzene	6.834	146	114124	10.814	ng	100
13) 1,4-Dichlorobenzene	6.910	146	113442	10.623	ng	100
14) 1,2-Dichlorobenzene	7.063	146	107670	10.912	ng	98
15) Benzyl Alcohol	7.028	79	98935	11.976	ng	97
16) 2,2'-oxybis(1-Chloropr...	7.163	45	140970	9.762	ng	91
17) 2-Methylphenol	7.140	107	82365	10.321	ng	95
18) Hexachloroethane	7.404	117	42995	10.731	ng	88
19) n-Nitroso-di-n-propyla...	7.298	70	75011	11.056	ng	98
20) 3+4-Methylphenols	7.292	107	106472	10.230	ng	# 84
22) Acetophenone	7.298	105	149322	11.302	ng	99
24) Nitrobenzene	7.475	77	114150	10.597	ng	97
25) Isophorone	7.710	82	203812	11.100	ng	97
26) 2-Nitrophenol	7.792	139	53734	10.338	ng	94
27) 2,4-Dimethylphenol	7.822	122	91684m	11.725	ng	
28) bis(2-Chloroethoxy)met...	7.916	93	121209	11.395	ng	98
29) 2,4-Dichlorophenol	8.028	162	83847	10.309	ng	98
30) 1,2,4-Trichlorobenzene	8.116	180	89645	10.606	ng	99
31) Naphthalene	8.198	128	304618	10.556	ng	99
32) Benzoic acid	7.904	122	73312	12.827	ng	99
33) 4-Chloroaniline	8.245	127	127683	10.848	ng	96
34) Hexachlorobutadiene	8.310	225	54072	11.192	ng	100
35) Caprolactam	8.586	113	26940	10.386	ng	# 87
36) 4-Chloro-3-methylphenol	8.716	107	93496	10.820	ng	98
37) 2-Methylnaphthalene	8.886	142	199800	10.684	ng	99
38) 1-Methylnaphthalene	8.986	142	192859	10.660	ng	99
40) 1,2,4,5-Tetrachloroben...	9.051	216	89062	11.077	ng	98
41) Hexachlorocyclopentadiene	9.039	237	42294	11.935	ng	97
43) 2,4,6-Trichlorophenol	9.163	196	57689	9.819	ng	95

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 Misc : LOQ-WATER 10ppm
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 LOQ-WATER-02-QT2-2022

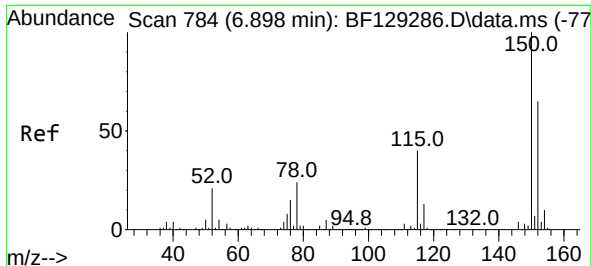
Quant Time: Jul 21 19:14:48 2022
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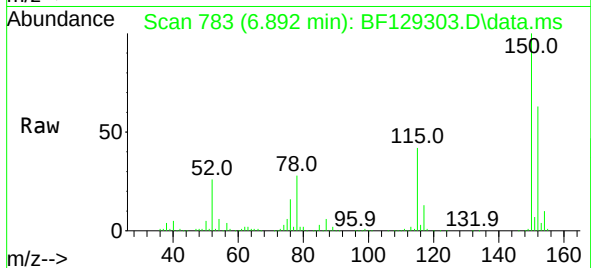
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.204	196	64726	10.155	ng	95
46) 1,1'-Biphenyl	9.351	154	244937	10.824	ng	99
47) 2-Chloronaphthalene	9.381	162	187595	10.349	ng	97
48) 2-Nitroaniline	9.469	65	60077	9.868	ng	99
49) Acenaphthylene	9.792	152	310993	11.172	ng	99
50) Dimethylphthalate	9.645	163	220407	10.476	ng	99
51) 2,6-Dinitrotoluene	9.710	165	48043	10.198	ng	88
52) Acenaphthene	9.969	154	195224	10.807	ng	98
53) 3-Nitroaniline	9.880	138	52821	9.423	ng #	99
54) 2,4-Dinitrophenol	9.986	184	30133	12.640	ng	92
55) Dibenzofuran	10.139	168	271995	10.835	ng	97
56) 4-Nitrophenol	10.033	139	40354	9.858	ng	94
57) 2,4-Dinitrotoluene	10.116	165	63916	10.349	ng	92
58) Fluorene	10.480	166	216231	10.792	ng	98
59) 2,3,4,6-Tetrachlorophenol	10.251	232	48826	9.937	ng	90
60) Diethylphthalate	10.345	149	216343	10.687	ng	97
61) 4-Chlorophenyl-phenyle...	10.475	204	96102	10.963	ng	96
62) 4-Nitroaniline	10.492	138	53238	9.616	ng	100
63) Azobenzene	10.633	77	221598	10.581	ng	94
65) 4,6-Dinitro-2-methylph...	10.522	198	29471	9.015	ng	90
66) n-Nitrosodiphenylamine	10.592	169	185591	10.562	ng	97
67) 4-Bromophenyl-phenylether	10.963	248	59802	10.428	ng	92
68) Hexachlorobenzene	11.027	284	67274	10.711	ng	94
69) Atrazine	11.110	200	61010	11.361	ng	96
70) Pentachlorophenol	11.222	266	31441	9.105	ng	96
71) Phenanthrene	11.445	178	310747	10.652	ng	98
72) Anthracene	11.498	178	316814	10.960	ng	98
73) Carbazole	11.651	167	291114	10.797	ng	98
74) Di-n-butylphthalate	11.974	149	336898	10.814	ng	99
75) Fluoranthene	12.639	202	317994	10.696	ng	98
77) Benzidine	12.757	184	149088	9.390	ng	99
78) Pyrene	12.869	202	325366	9.548	ng	98
80) Butylbenzylphthalate	13.480	149	131877	9.484	ng	96
81) Benzo(a)anthracene	14.057	228	272518	9.933	ng	99
82) 3,3'-Dichlorobenzidine	14.021	252	95659	10.622	ng	96
83) Chrysene	14.092	228	259626	10.026	ng	99
84) Bis(2-ethylhexyl)phtha...	14.033	149	171996	10.072	ng #	99
85) Di-n-octyl phthalate	14.651	149	239747	9.810	ng	99
87) Indeno(1,2,3-cd)pyrene	17.068	276	174748	8.196	ng	99
88) Benzo(b)fluoranthene	15.115	252	226052	10.920	ng	99
89) Benzo(k)fluoranthene	15.145	252	212018	10.548	ng	99
90) Benzo(a)pyrene	15.492	252	197585	11.796	ng	98
91) Dibenzo(a,h)anthracene	17.080	278	150469	8.755	ng	100
92) Benzo(g,h,i)perylene	17.521	276	149031	8.345	ng	97

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



#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.892 min Scan# 71
Delta R.T. -0.006 min
Lab File: BF129303.D
Acq: 21 Jul 2022 18:51

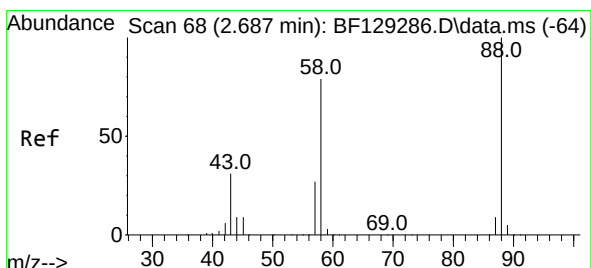
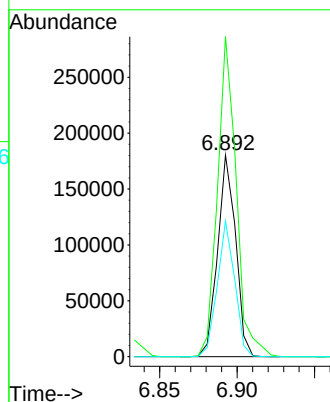
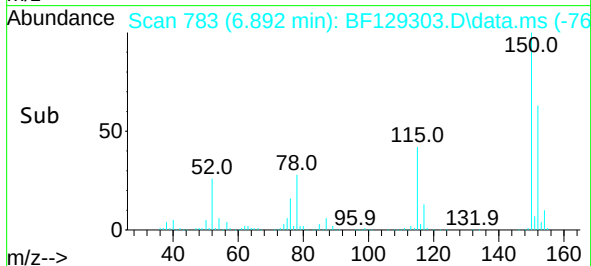
Instrument :
BNA_F
ClientSampleId :
LOQ-WATER-02-QT2-2022



Tgt Ion:152 Resp: 14568
Ion Ratio Lower Upper
152 100
150 158.7 123.7 185.5
115 67.3 49.9 74.9

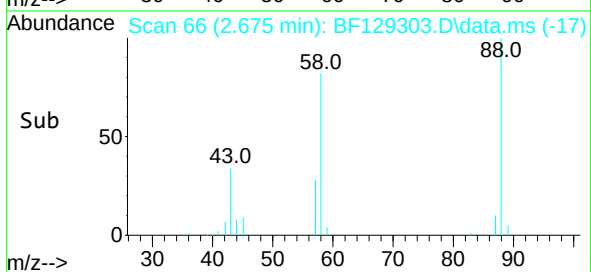
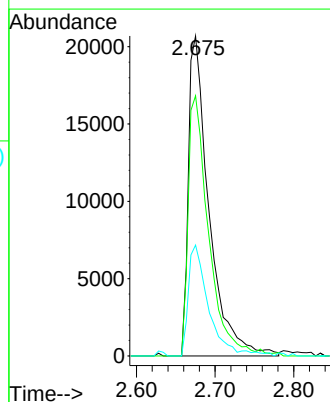
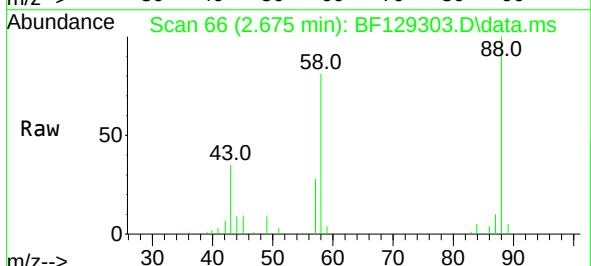
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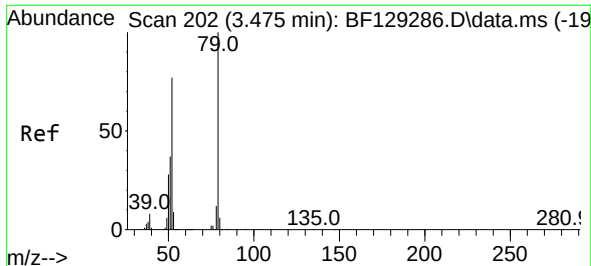
Reviewed By :Christian Giraldo 07/22/2022
Supervised By :Jagrut Upadhyay 07/22/2022



#2
1,4-Dioxane
Concen: 9.490 ng m
RT: 2.675 min Scan# 66
Delta R.T. -0.012 min
Lab File: BF129303.D
Acq: 21 Jul 2022 18:51

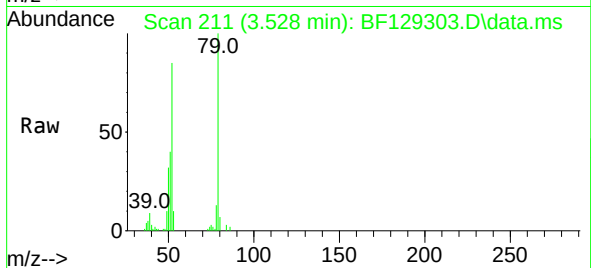
Tgt Ion: 88 Resp: 37586
Ion Ratio Lower Upper
88 100
58 81.0 71.8 107.8
43 34.2 26.6 39.8





#3
Pyridine
Concen: 10.641 ng
RT: 3.528 min Scan# 211
Delta R.T. 0.053 min
Lab File: BF129303.D
Acq: 21 Jul 2022 18:51

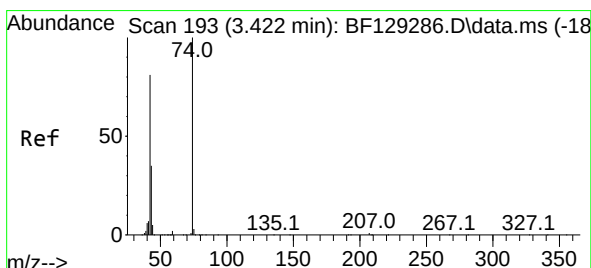
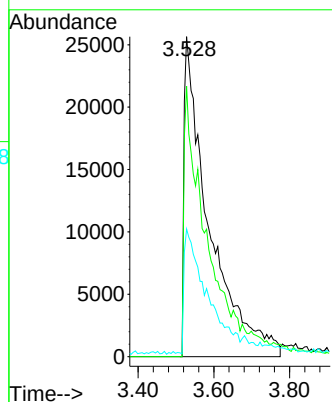
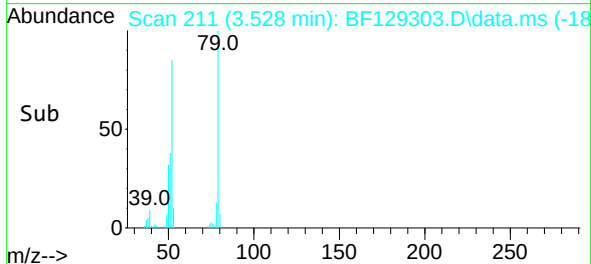
Instrument :
BNA_F
ClientSampleId :
LOQ-WATER-02-QT2-2022



Tgt Ion: 79 Resp: 11635
Ion Ratio Lower Upper
79 100
52 84.6 68.6 102.8
51 39.9 32.9 49.3

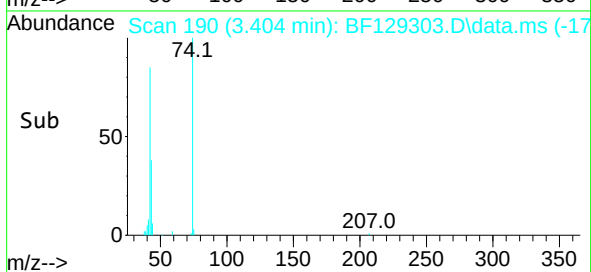
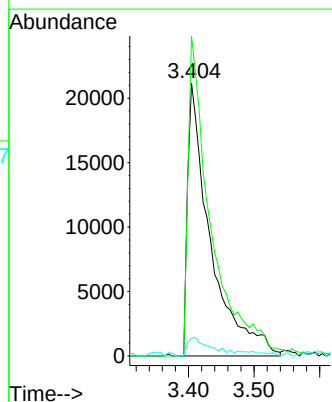
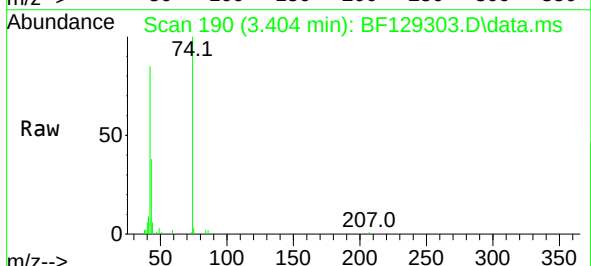
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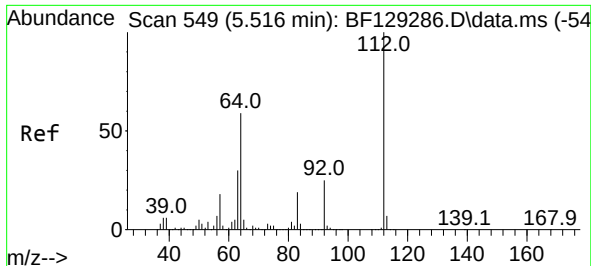
Reviewed By :Christian Giraldo 07/22/2022
Supervised By :Jagrut Upadhyay 07/22/2022



#4
n-Nitrosodimethylamine
Concen: 10.372 ng
RT: 3.404 min Scan# 190
Delta R.T. -0.018 min
Lab File: BF129303.D
Acq: 21 Jul 2022 18:51

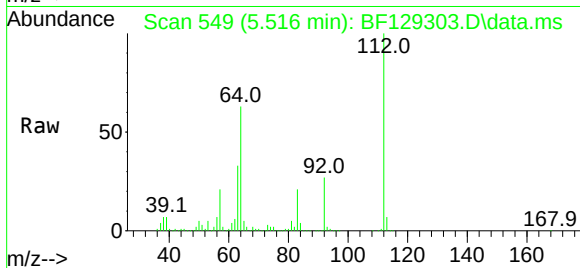
Tgt Ion: 42 Resp: 50922
Ion Ratio Lower Upper
42 100
74 117.3 94.8 142.2
44 6.6 6.6 10.0#





#5
2-Fluorophenol
Concen: 148.960 ng
RT: 5.516 min Scan# 549
Delta R.T. 0.000 min
Lab File: BF129303.D
Acq: 21 Jul 2022 18:51

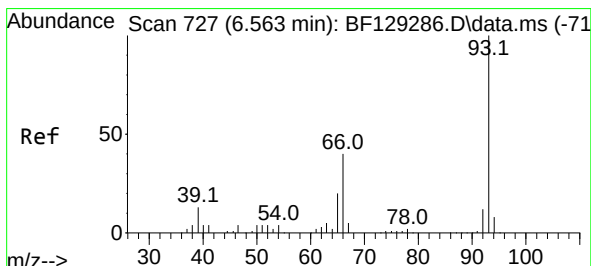
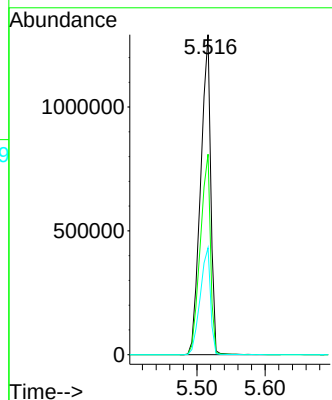
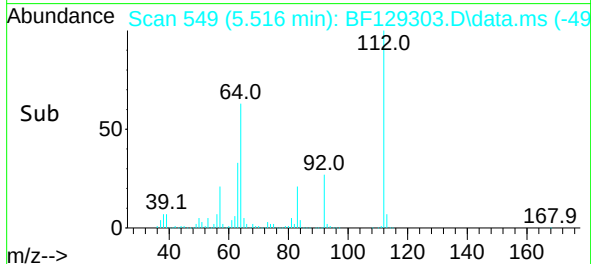
Instrument :
BNA_F
ClientSampleId :
LOQ-WATER-02-QT2-2022



Tgt Ion: 112 Resp: 133053
Ion Ratio Lower Upper
112 100
64 62.6 53.3 79.9
63 33.4 28.0 42.0

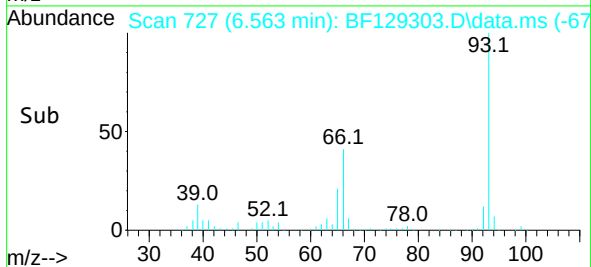
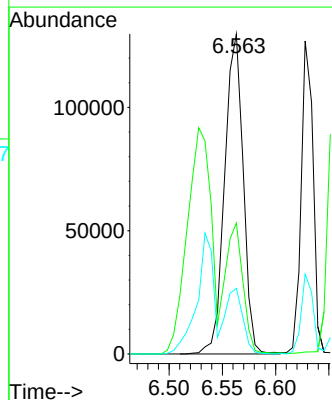
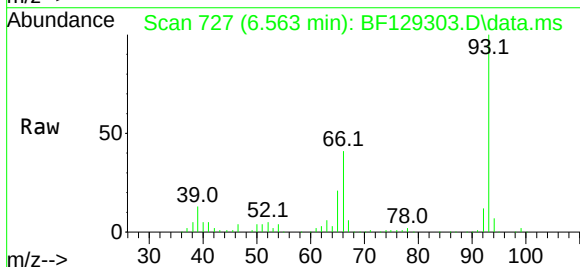
Manual Integrations
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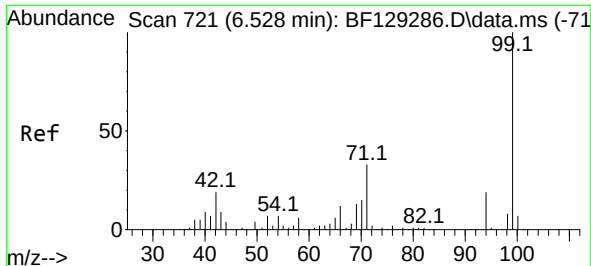
Reviewed By :Christian Giraldo 07/22/2022
Supervised By :Jagrut Upadhyay 07/22/2022



#6
Aniline
Concen: 11.212 ng
RT: 6.563 min Scan# 727
Delta R.T. 0.000 min
Lab File: BF129303.D
Acq: 21 Jul 2022 18:51

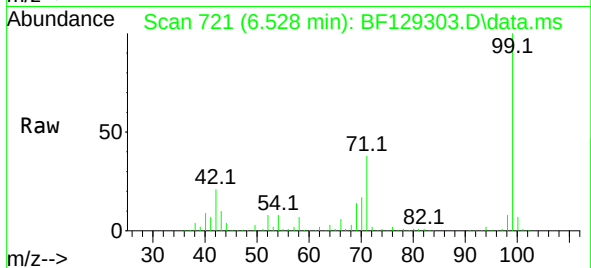
Tgt Ion: 93 Resp: 157092
Ion Ratio Lower Upper
93 100
66 41.0 32.5 48.7
65 20.5 16.4 24.6





#7
Phenol-d6
Concen: 150.991 ng
RT: 6.528 min Scan# 721
Delta R.T. 0.000 min
Lab File: BF129303.D
Acq: 21 Jul 2022 18:51

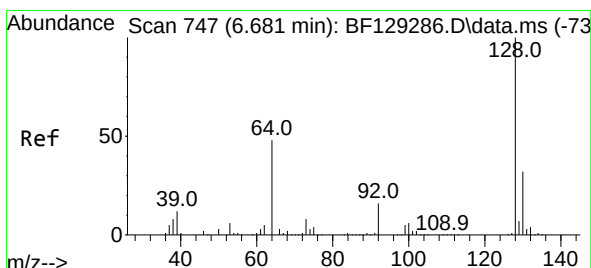
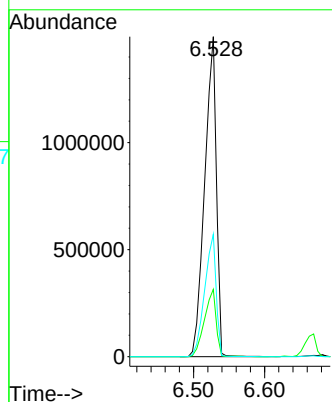
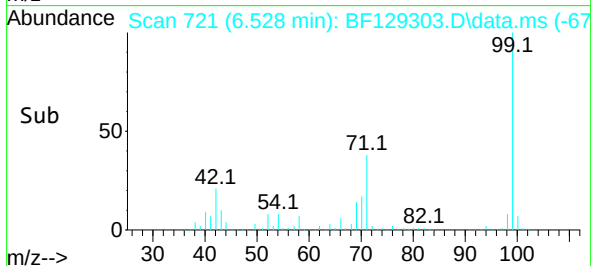
Instrument :
BNA_F
ClientSampleId :
LOQ-WATER-02-QT2-2022



Tgt Ion: 99 Resp: 171924
Ion Ratio Lower Upper
99 100
42 21.0 17.3 25.9
71 38.2 28.9 43.3

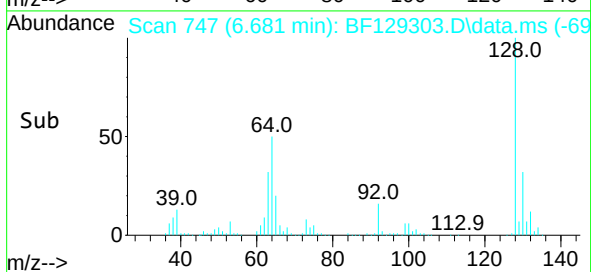
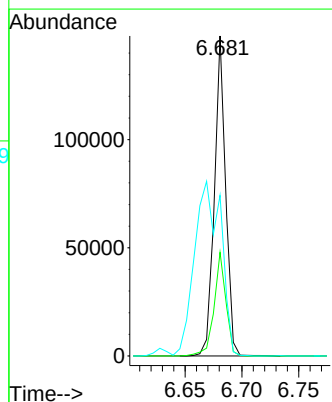
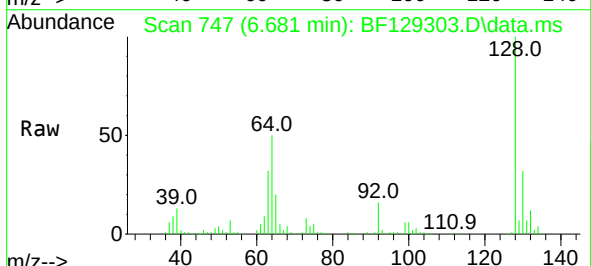
Manual Integrations
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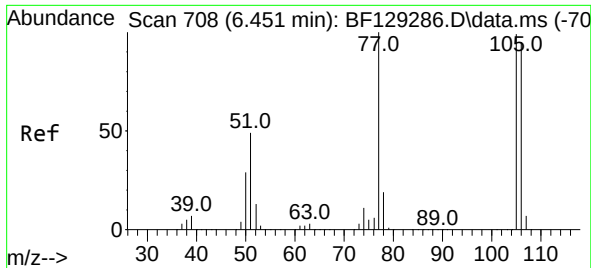
Reviewed By :Christian Giraldo 07/22/2022
Supervised By :Jagrut Upadhyay 07/22/2022



#8
2-Chlorophenol
Concen: 10.403 ng
RT: 6.681 min Scan# 747
Delta R.T. 0.000 min
Lab File: BF129303.D
Acq: 21 Jul 2022 18:51

Tgt Ion:128 Resp: 101869
Ion Ratio Lower Upper
128 100
130 32.4 13.1 53.1
64 50.2 30.9 70.9





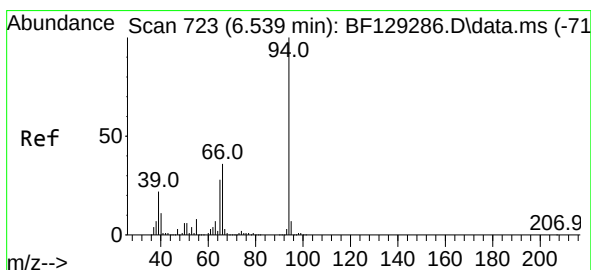
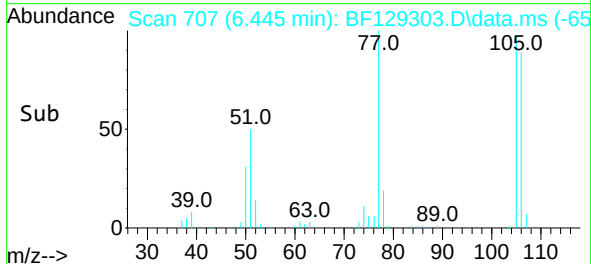
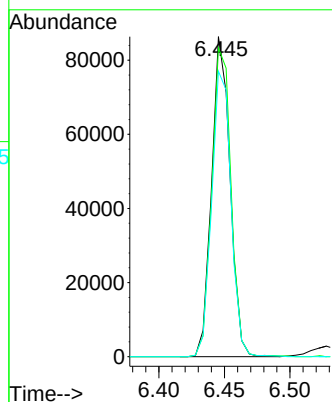
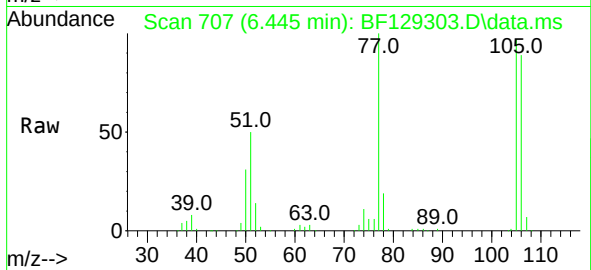
#9
Benzaldehyde
Concen: 10.794 ng
RT: 6.445 min Scan# 708
Delta R.T. -0.006 min
Lab File: BF129303.D
Acq: 21 Jul 2022 18:51

Instrument :
BNA_F
ClientSampleId :
LOQ-WATER-02-QT2-2022

Tgt Ion: 77 Resp: 84308
Ion Ratio Lower Upper
77 100
105 96.5 81.6 121.6
106 89.2 76.1 116.1

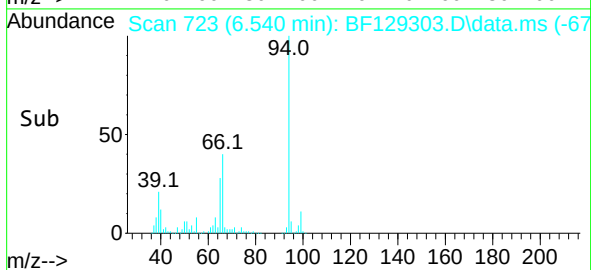
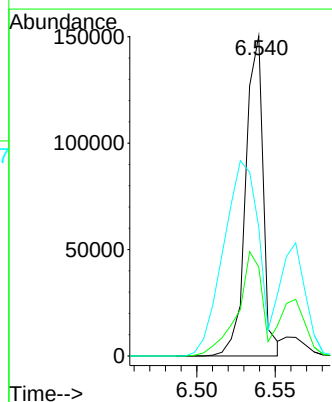
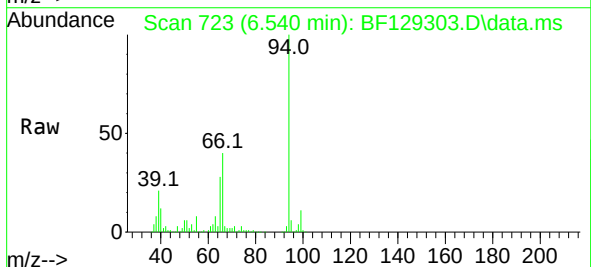
Manual Integrations
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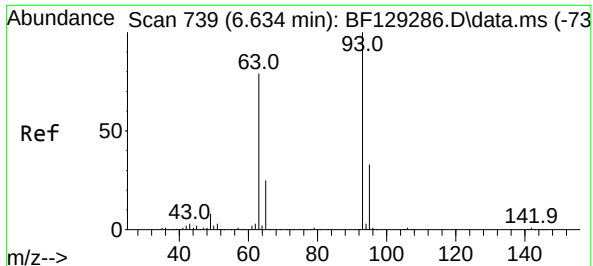
Reviewed By :Christian Giraldo 07/22/2022
Supervised By :Jagrut Upadhyay 07/22/2022



#10
Phenol
Concen: 9.754 ng m
RT: 6.540 min Scan# 723
Delta R.T. 0.000 min
Lab File: BF129303.D
Acq: 21 Jul 2022 18:51

Tgt Ion: 94 Resp: 116722
Ion Ratio Lower Upper
94 100
65 27.8 11.4 51.4
66 40.3 21.4 61.4





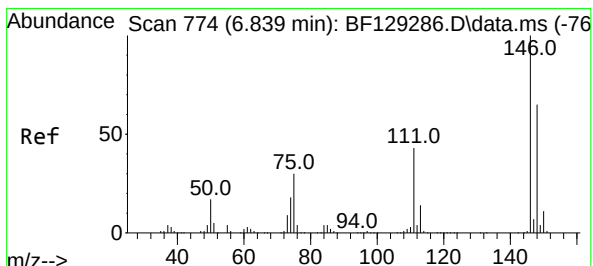
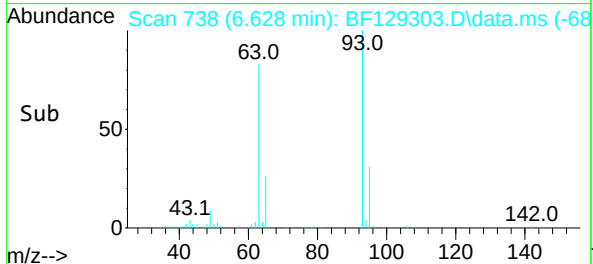
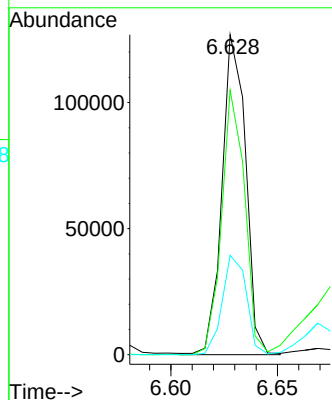
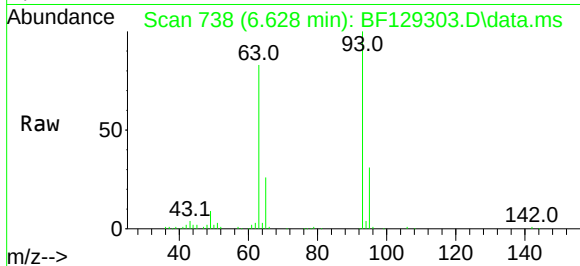
#11
bis(2-Chloroethyl)ether
Concen: 10.339 ng
RT: 6.628 min Scan# 713
Delta R.T. -0.006 min
Lab File: BF129303.D
Acq: 21 Jul 2022 18:51

Instrument : BNA_F
ClientSampleId :
LOQ-WATER-02-QT2-2022

Tgt Ion: 93 Resp: 97939
Ion Ratio Lower Upper
93 100
63 82.7 67.4 107.4
95 31.1 12.7 52.7

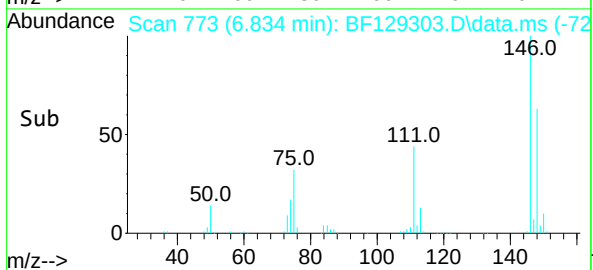
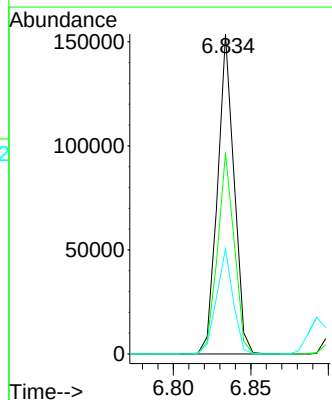
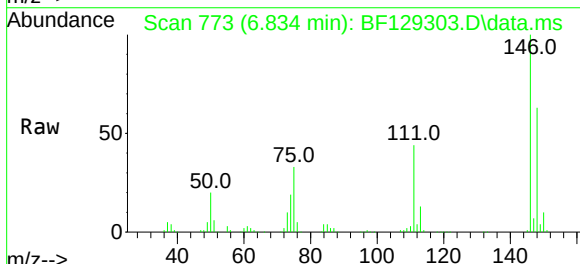
Manual Integrations
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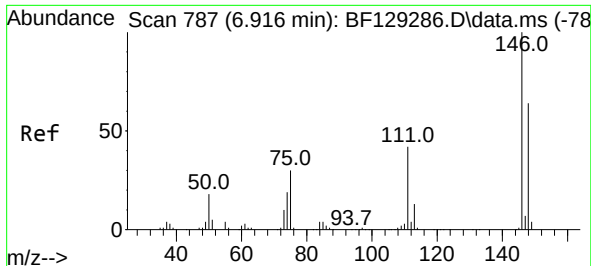
Reviewed By :Christian Giraldo 07/22/2022
Supervised By :Jagrut Upadhyay 07/22/2022



#12
1,3-Dichlorobenzene
Concen: 10.814 ng
RT: 6.834 min Scan# 773
Delta R.T. -0.006 min
Lab File: BF129303.D
Acq: 21 Jul 2022 18:51

Tgt Ion:146 Resp: 114124
Ion Ratio Lower Upper
146 100
148 62.9 50.6 75.8
75 33.0 26.3 39.5





#13

1,4-Dichlorobenzene

Concen: 10.623 ng

RT: 6.910 min Scan# 71

Delta R.T. -0.006 min

Lab File: BF129303.D

Acq: 21 Jul 2022 18:51

Instrument :

BNA_F

ClientSampleId :

LOQ-WATER-02-QT2-2022

Tgt Ion:146 Resp: 11344

Ion Ratio Lower Upper

146 100

148 64.3 51.1 76.7

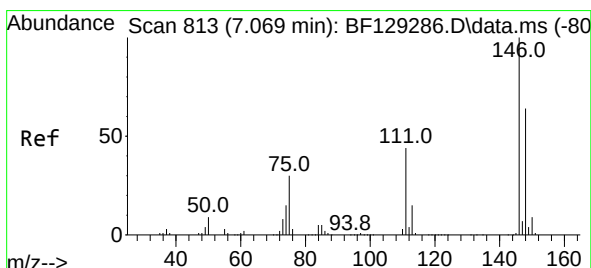
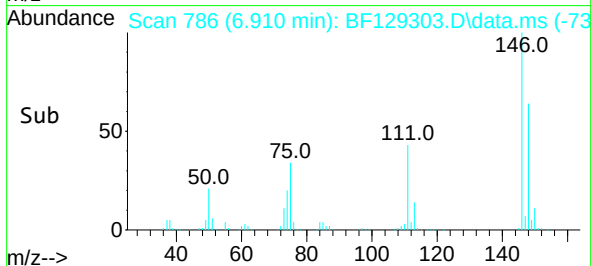
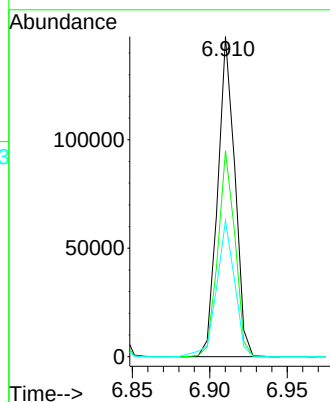
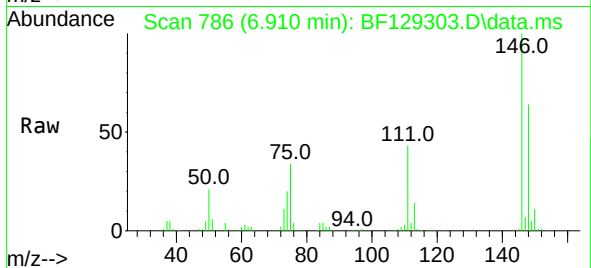
111 42.5 34.2 51.4

Manual Integrations

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Reviewed By :Christian Giraldo 07/22/2022

Supervised By :Jagrut Upadhyay 07/22/2022



#14

1,2-Dichlorobenzene

Concen: 10.912 ng

RT: 7.063 min Scan# 812

Delta R.T. -0.006 min

Lab File: BF129303.D

Acq: 21 Jul 2022 18:51

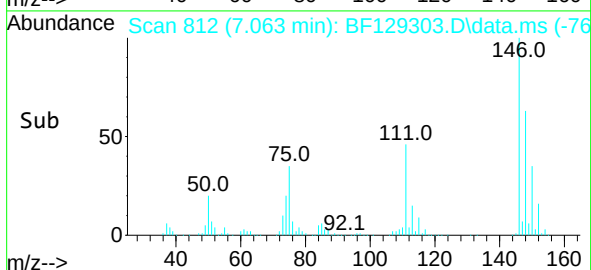
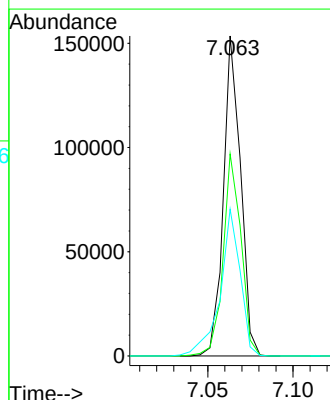
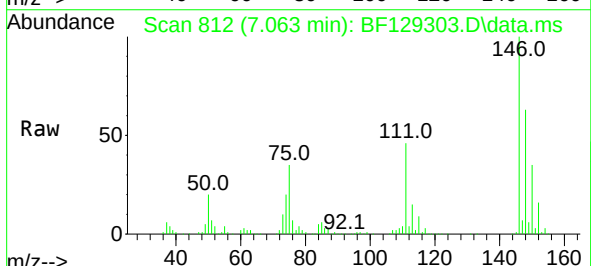
Tgt Ion:146 Resp: 107670

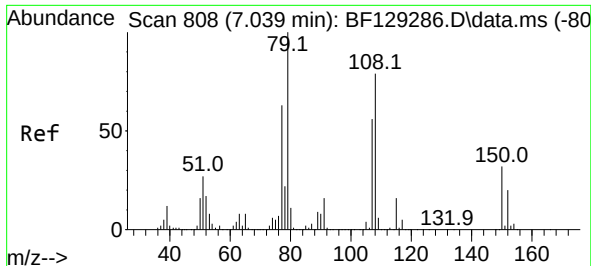
Ion Ratio Lower Upper

146 100

148 63.2 51.8 77.8

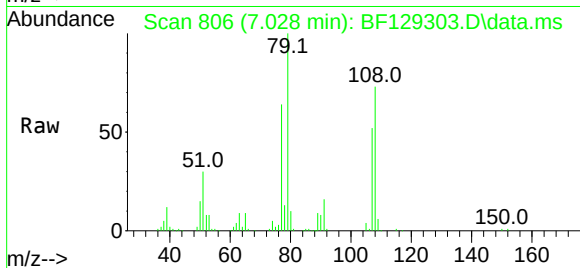
111 45.9 35.1 52.7





#15
Benzyl Alcohol
Concen: 11.976 ng
RT: 7.028 min Scan# 808
Delta R.T. -0.012 min
Lab File: BF129303.D
Acq: 21 Jul 2022 18:51

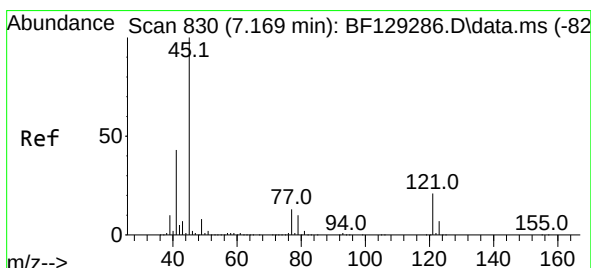
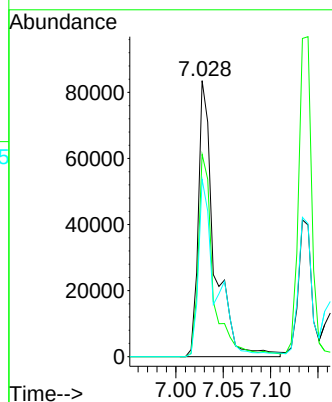
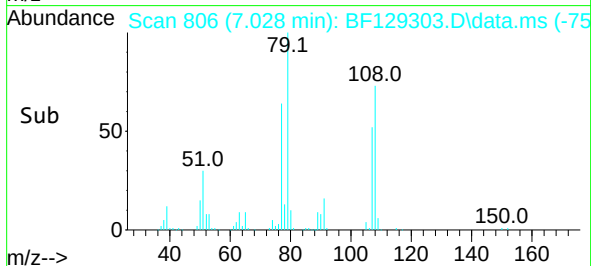
Instrument :
BNA_F
ClientSampleId :
LOQ-WATER-02-QT2-2022



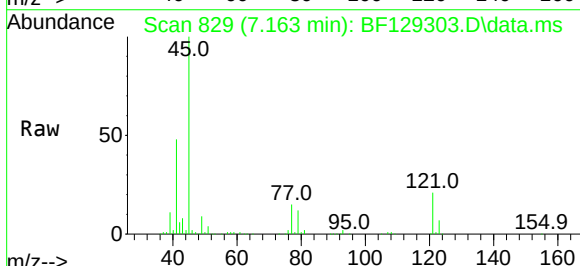
Tgt Ion: 79 Resp: 98935
Ion Ratio Lower Upper
79 100
108 73.3 61.8 92.6
77 64.2 50.2 75.4

Manual Integrations
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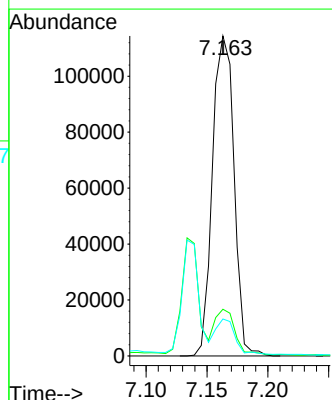
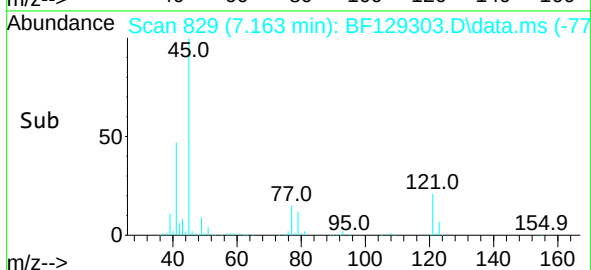
Reviewed By :Christian Giraldo 07/22/2022
Supervised By :Jagrut Upadhyay 07/22/2022

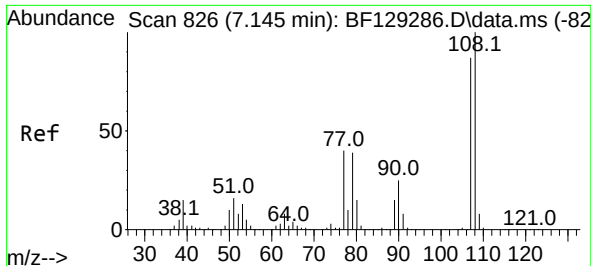


#16
2,2'-oxybis(1-Chloropropane)
Concen: 9.762 ng
RT: 7.163 min Scan# 829
Delta R.T. -0.006 min
Lab File: BF129303.D
Acq: 21 Jul 2022 18:51



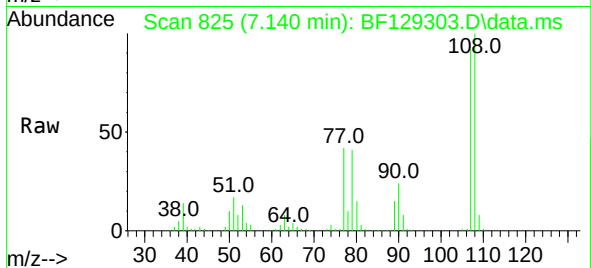
Tgt Ion: 45 Resp: 140970
Ion Ratio Lower Upper
45 100
77 14.6 0.0 31.3
79 11.6 0.0 28.3





#17
2-Methylphenol
Concen: 10.321 ng
RT: 7.140 min Scan# 81
Delta R.T. -0.006 min
Lab File: BF129303.D
Acq: 21 Jul 2022 18:51

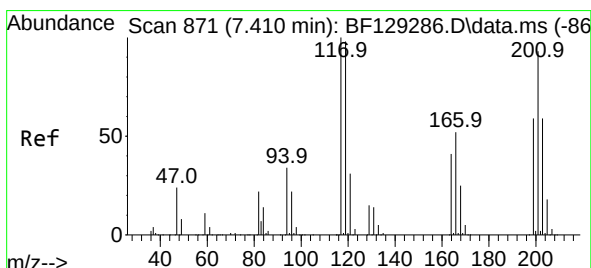
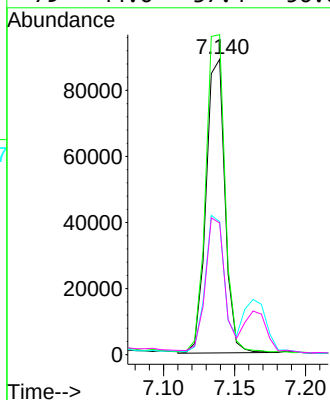
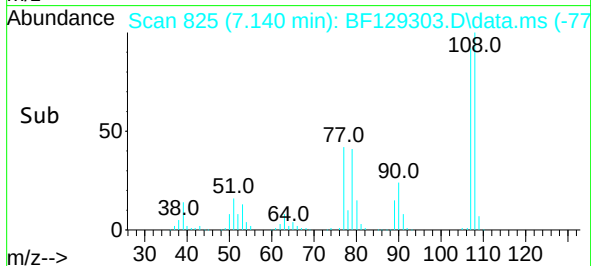
Instrument :
BNA_F
ClientSampleId :
LOQ-WATER-02-QT2-2022



Tgt Ion:107 Resp: 8236
Ion Ratio Lower Upper
107 100
108 108.3 91.9 137.9
77 45.0 37.8 56.8
79 44.6 37.4 56.0

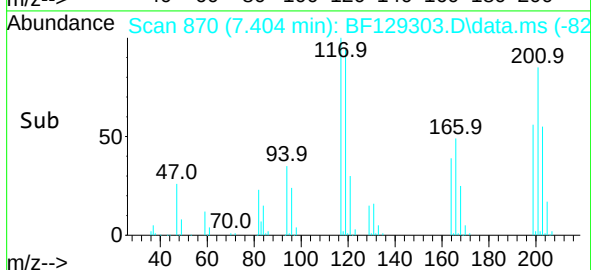
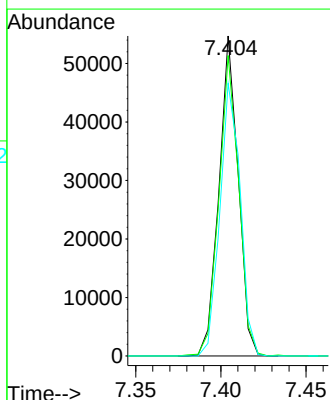
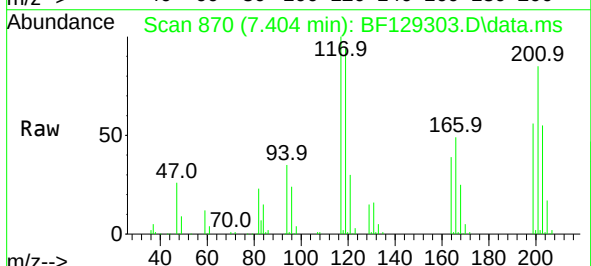
Manual Integrations
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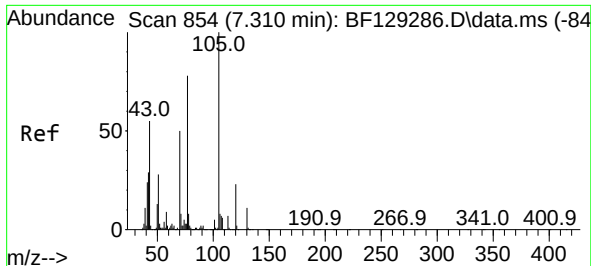
Reviewed By :Christian Giraldo 07/22/2022
Supervised By :Jagrut Upadhyay 07/22/2022



#18
Hexachloroethane
Concen: 10.731 ng
RT: 7.404 min Scan# 870
Delta R.T. -0.006 min
Lab File: BF129303.D
Acq: 21 Jul 2022 18:51

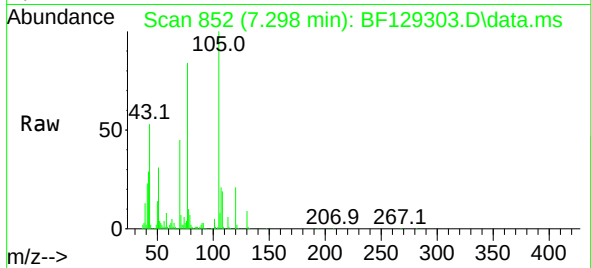
Tgt Ion:117 Resp: 42995
Ion Ratio Lower Upper
117 100
119 93.9 77.4 116.2
201 85.2 84.6 127.0





#19
n-Nitroso-di-n-propylamine
Concen: 11.056 ng
RT: 7.298 min Scan# 852
Delta R.T. -0.012 min
Lab File: BF129303.D
Acq: 21 Jul 2022 18:51

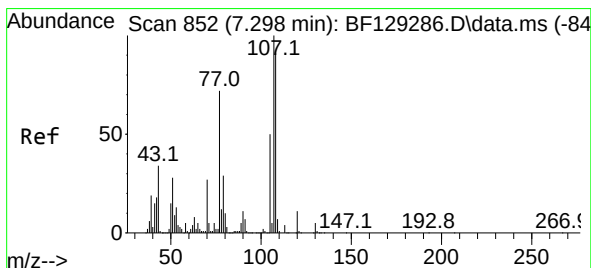
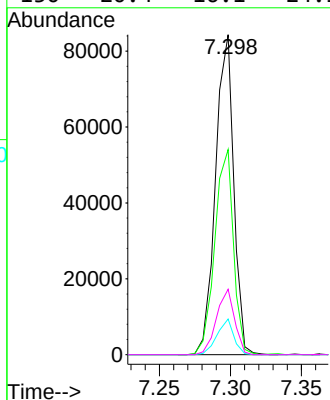
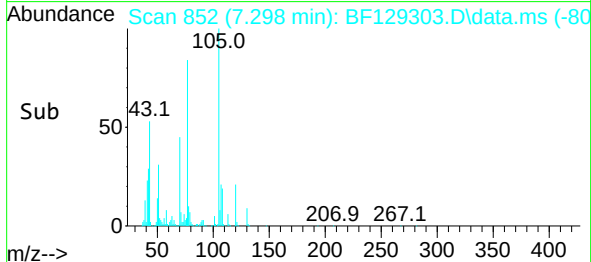
Instrument : BNA_F
ClientSampleId :
LOQ-WATER-02-QT2-2022



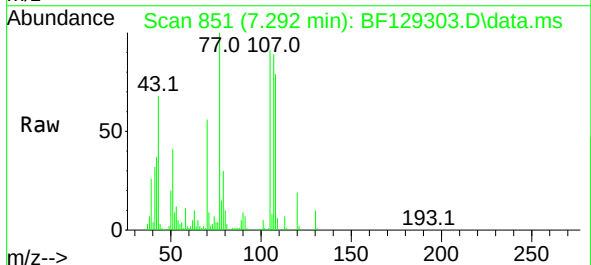
Tgt Ion: 70 Resp: 7501
Ion Ratio Lower Upper
70 100
42 64.1 52.3 78.5
101 11.2 7.5 11.3
130 20.4 16.1 24.1

Manual Integrations
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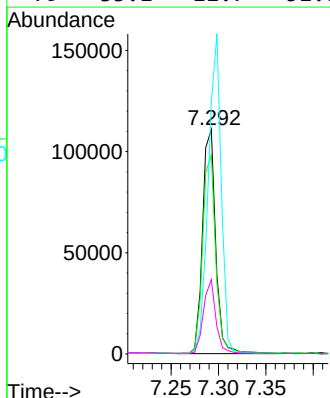
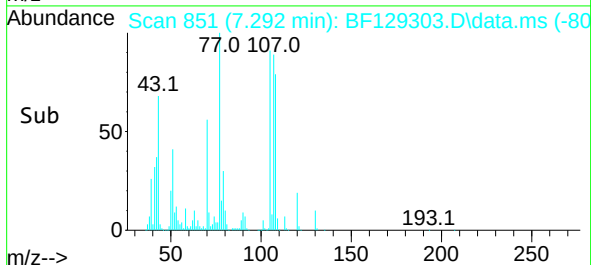
Reviewed By :Christian Giraldo 07/22/2022
Supervised By :Jagrut Upadhyay 07/22/2022

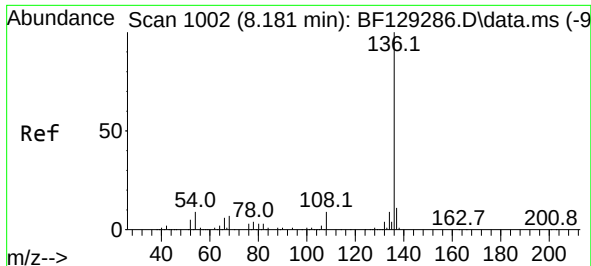


#20
3+4-Methylphenols
Concen: 10.230 ng
RT: 7.292 min Scan# 851
Delta R.T. -0.006 min
Lab File: BF129303.D
Acq: 21 Jul 2022 18:51



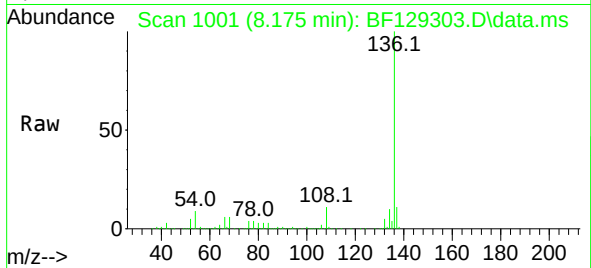
Tgt Ion:107 Resp: 106472
Ion Ratio Lower Upper
107 100
108 88.6 71.8 111.8
77 111.8 59.3 99.3#
79 33.1 11.7 51.7





#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.175 min Scan# 1001
Delta R.T. -0.006 min
Lab File: BF129303.D
Acq: 21 Jul 2022 18:51

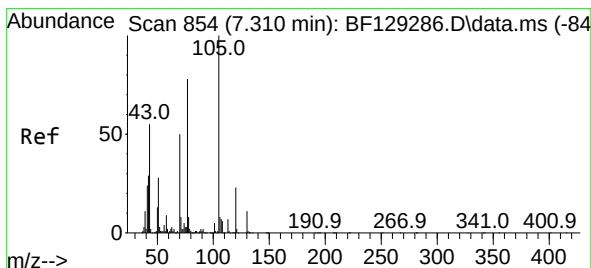
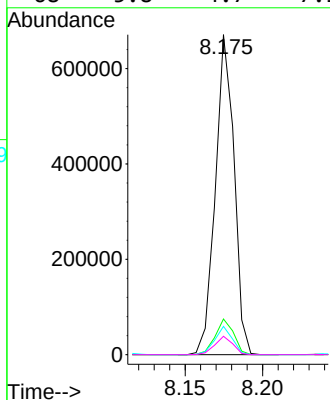
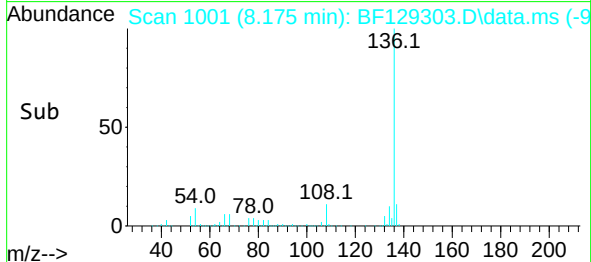
Instrument :
BNA_F
ClientSampleId :
LOQ-WATER-02-QT2-2022



Tgt Ion:136 Resp: 562670
Ion Ratio Lower Upper
136 100
137 11.2 8.8 13.2
54 8.8 7.5 11.3
68 5.8 4.7 7.1

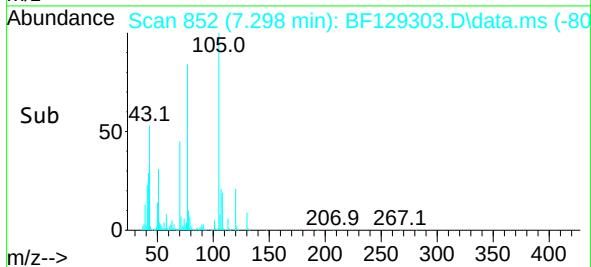
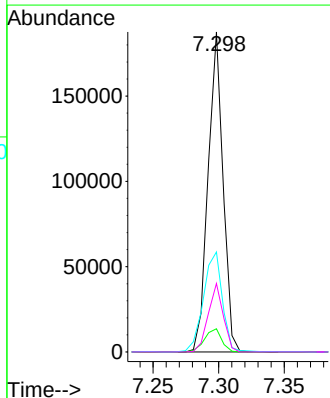
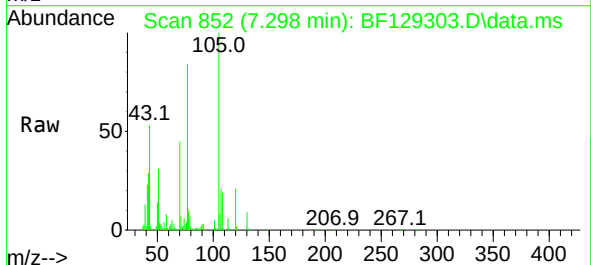
Manual Integrations
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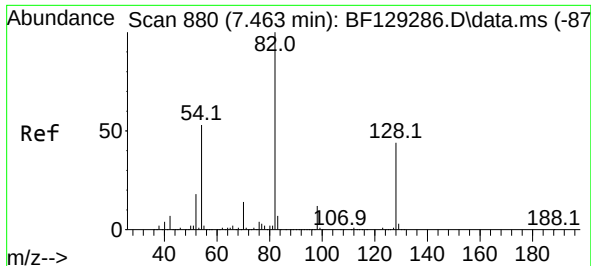
Reviewed By :Christian Giraldo 07/22/2022
Supervised By :Jagrut Upadhyay 07/22/2022



#22
Acetophenone
Concen: 11.302 ng
RT: 7.298 min Scan# 852
Delta R.T. -0.012 min
Lab File: BF129303.D
Acq: 21 Jul 2022 18:51

Tgt Ion:105 Resp: 149322
Ion Ratio Lower Upper
105 100
71 7.2 5.0 7.4
51 31.2 25.0 37.4
120 21.4 17.8 26.8





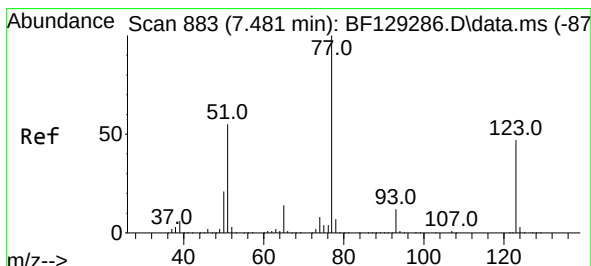
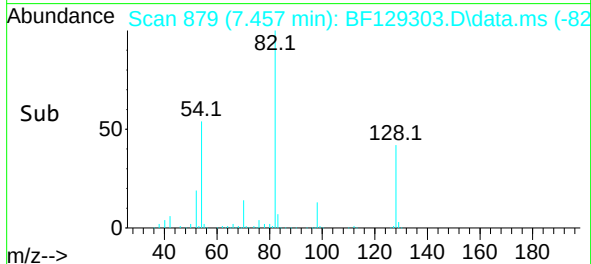
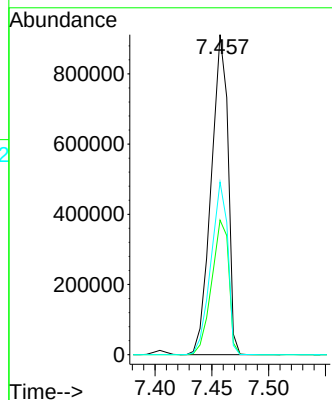
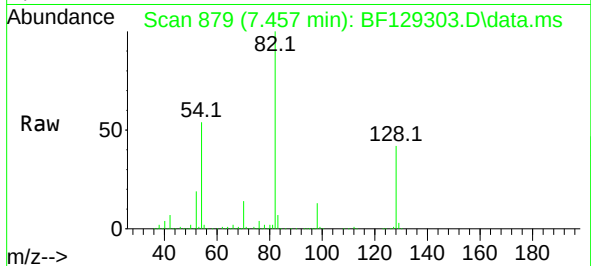
#23
Nitrobenzene-d5
Concen: 89.960 ng
RT: 7.457 min Scan# 81
Delta R.T. -0.006 min
Lab File: BF129303.D
Acq: 21 Jul 2022 18:51

Instrument :
BNA_F
ClientSampleId :
LOQ-WATER-02-QT2-2022

Tgt Ion: 82 Resp: 94087
Ion Ratio Lower Upper
82 100
128 42.1 34.0 51.0
54 53.9 46.9 70.3

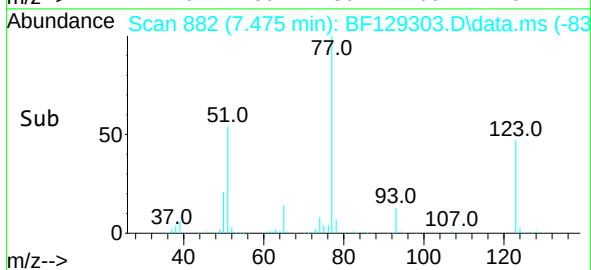
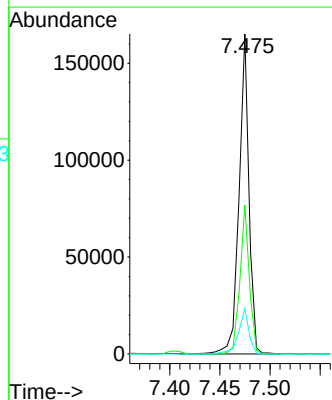
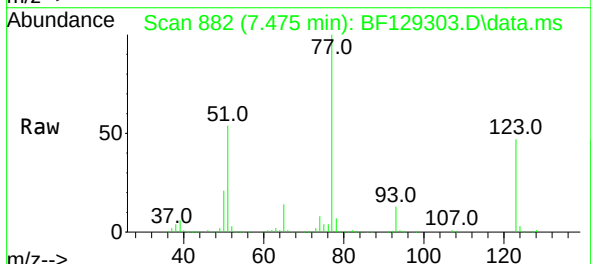
Manual Integrations
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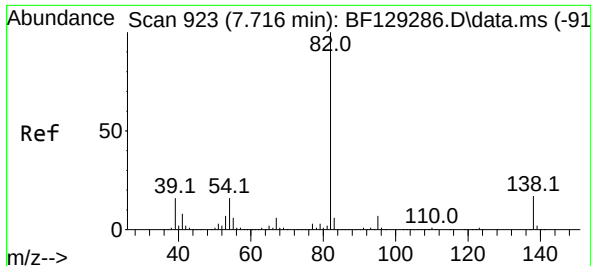
Reviewed By :Christian Giraldo 07/22/2022
Supervised By :Jagrut Upadhyay 07/22/2022



#24
Nitrobenzene
Concen: 10.597 ng
RT: 7.475 min Scan# 882
Delta R.T. -0.006 min
Lab File: BF129303.D
Acq: 21 Jul 2022 18:51

Tgt Ion: 77 Resp: 114150
Ion Ratio Lower Upper
77 100
123 46.5 35.4 53.2
65 14.2 11.8 17.8





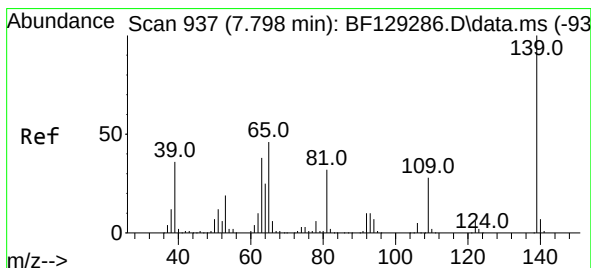
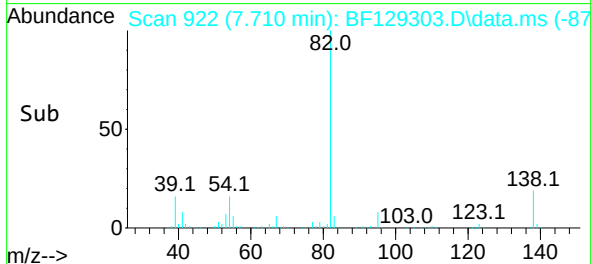
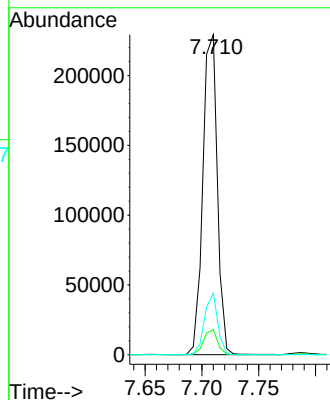
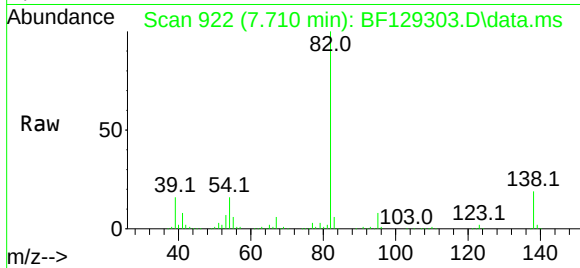
#25
Isophorone
Concen: 11.100 ng
RT: 7.710 min Scan# 91
Delta R.T. -0.006 min
Lab File: BF129303.D
Acq: 21 Jul 2022 18:51

Instrument :
BNA_F
ClientSampleId :
LOQ-WATER-02-QT2-2022

Tgt Ion: 82 Resp: 20381
Ion Ratio Lower Upper
82 100
95 7.8 5.7 8.5
138 19.3 14.2 21.2

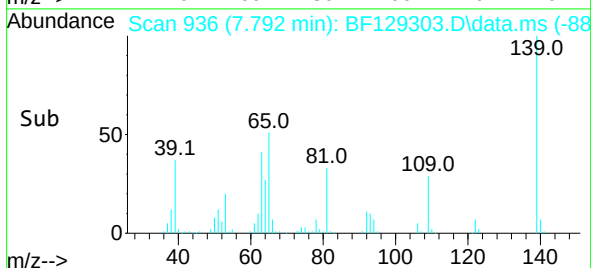
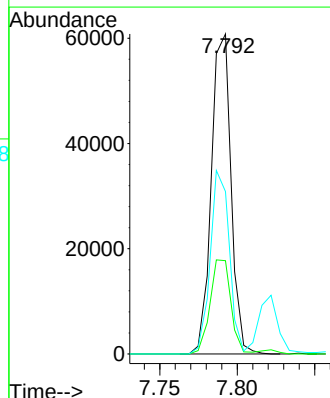
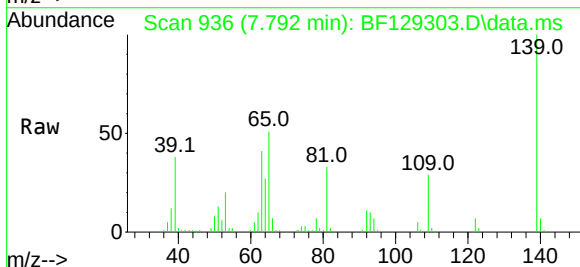
Manual Integrations
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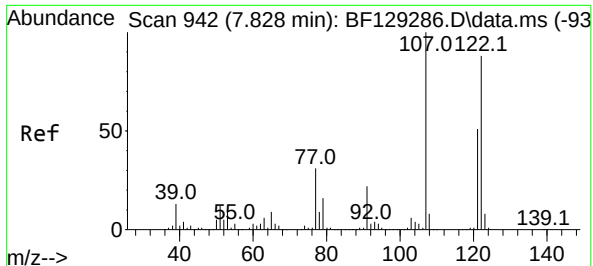
Reviewed By :Christian Giraldo 07/22/2022
Supervised By :Jagrut Upadhyay 07/22/2022



#26
2-Nitrophenol
Concen: 10.338 ng
RT: 7.792 min Scan# 936
Delta R.T. -0.006 min
Lab File: BF129303.D
Acq: 21 Jul 2022 18:51

Tgt Ion:139 Resp: 53734
Ion Ratio Lower Upper
139 100
109 29.2 25.0 37.4
65 50.8 45.1 67.7





#27

2,4-Dimethylphenol

Concen: 11.725 ng m

RT: 7.822 min Scan# 94

Delta R.T. -0.006 min

Lab File: BF129303.D

Acq: 21 Jul 2022 18:51

Instrument :

BNA_F

ClientSampleId :

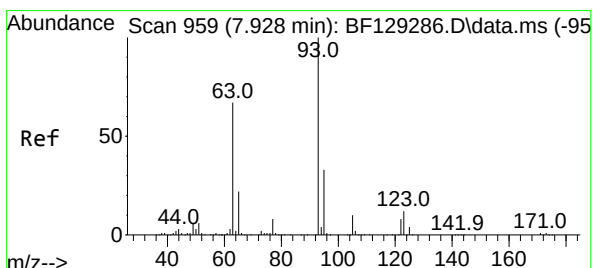
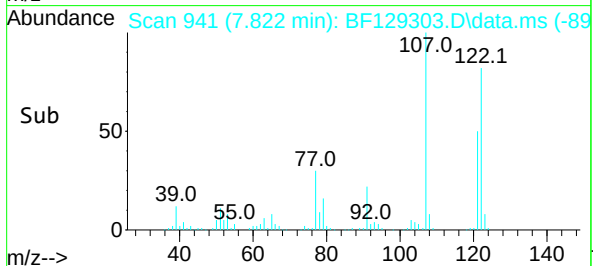
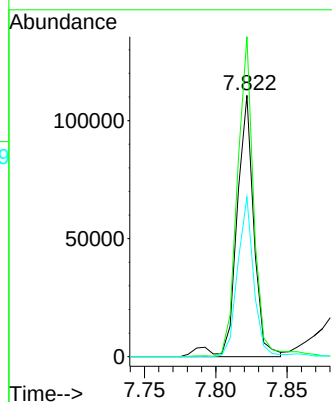
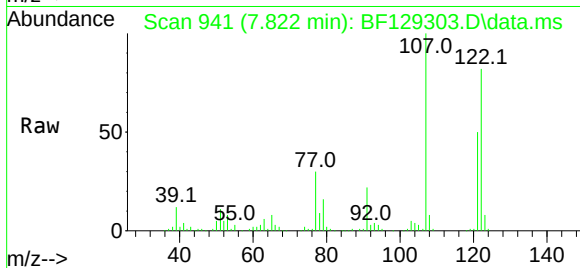
LOQ-WATER-02-QT2-2022

Tgt Ion:122 Resp: 91684

Ion	Ratio	Lower	Upper
122	100		
107	122.4	93.0	139.6
121	61.1	46.6	70.0

Manual Integrations
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Reviewed By :Christian Giraldo 07/22/2022
Supervised By :Jagrut Upadhyay 07/22/2022



#28

bis(2-Chloroethoxy)methane

Concen: 11.395 ng

RT: 7.916 min Scan# 957

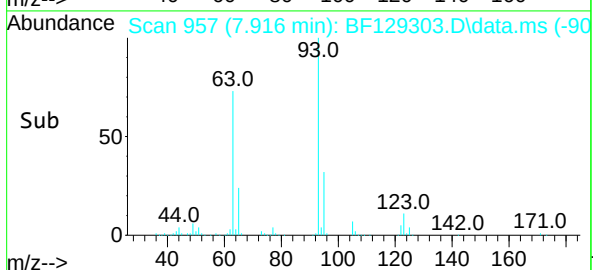
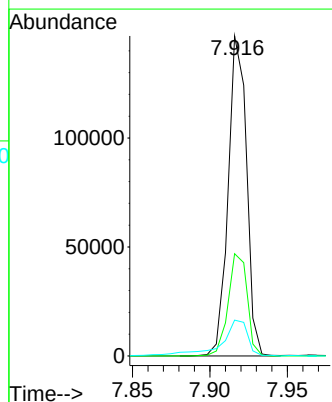
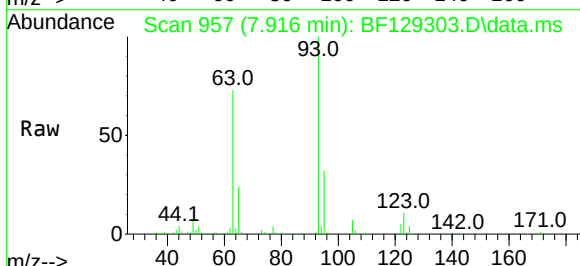
Delta R.T. -0.012 min

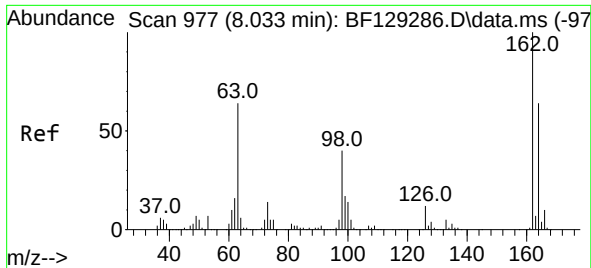
Lab File: BF129303.D

Acq: 21 Jul 2022 18:51

Tgt Ion: 93 Resp: 121209

Ion	Ratio	Lower	Upper
93	100		
95	31.9	26.8	40.2
123	11.2	9.2	13.8





#29

2,4-Dichlorophenol

Concen: 10.309 ng

RT: 8.028 min Scan# 91

Delta R.T. -0.006 min

Lab File: BF129303.D

Acq: 21 Jul 2022 18:51

Instrument :

BNA_F

ClientSampleId :

LOQ-WATER-02-QT2-2022

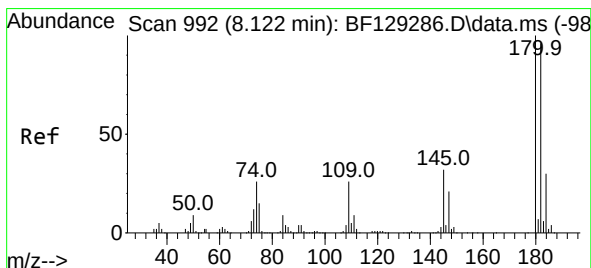
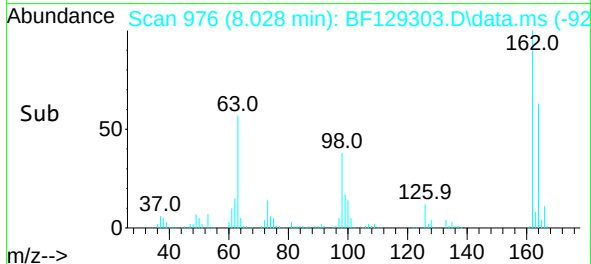
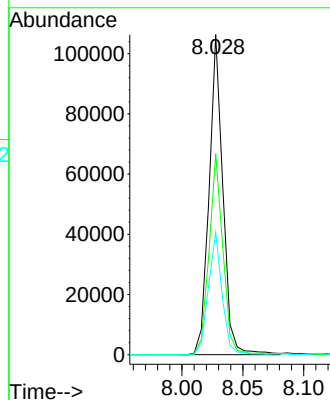
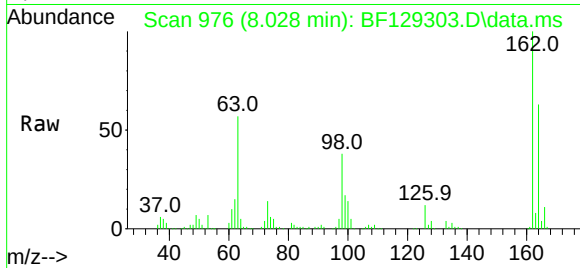
Tgt Ion:162 Resp: 8384

Ion	Ratio	Lower	Upper
162	100		
164	62.8	44.2	84.2
98	38.2	19.6	59.6

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 07/22/2022
Supervised By :Jagrut Upadhyay 07/22/2022



#30

1,2,4-Trichlorobenzene

Concen: 10.606 ng

RT: 8.116 min Scan# 991

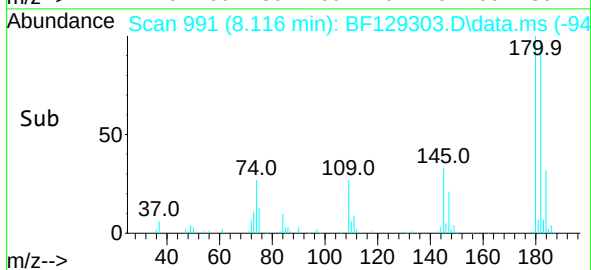
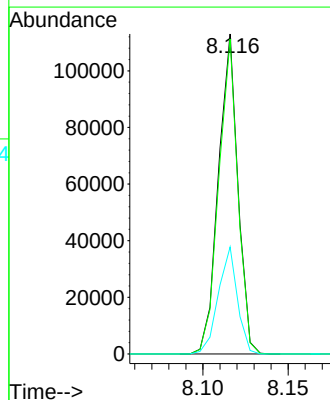
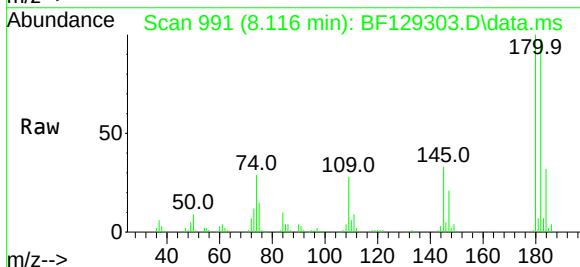
Delta R.T. -0.006 min

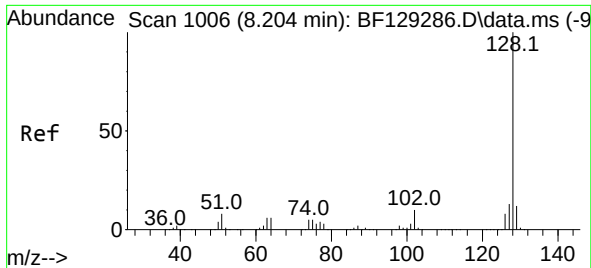
Lab File: BF129303.D

Acq: 21 Jul 2022 18:51

Tgt Ion:180 Resp: 89645

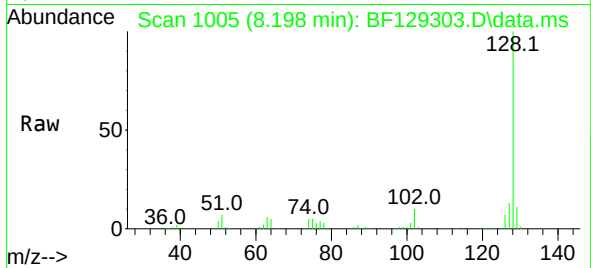
Ion	Ratio	Lower	Upper
180	100		
182	98.4	79.2	118.8
145	33.5	26.2	39.2





#31
Naphthalene
Concen: 10.556 ng
RT: 8.198 min Scan# 1006
Delta R.T. -0.006 min
Lab File: BF129303.D
Acq: 21 Jul 2022 18:51

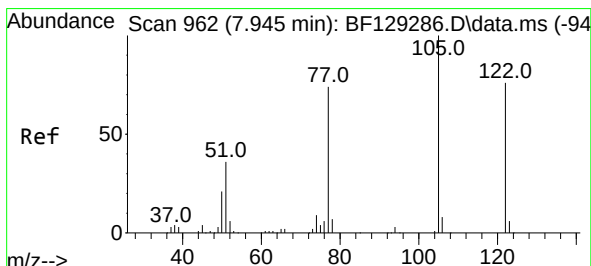
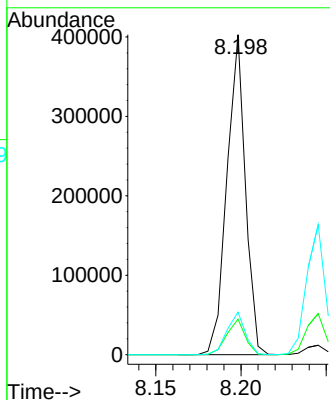
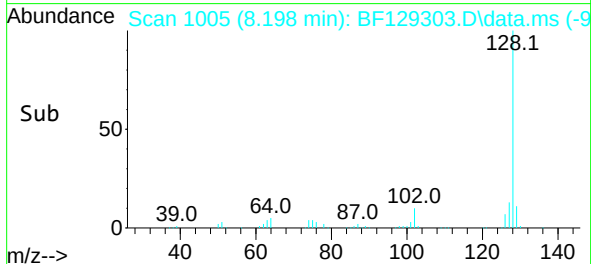
Instrument :
BNA_F
ClientSampleId :
LOQ-WATER-02-QT2-2022



Tgt Ion:128 Resp: 304618
Ion Ratio Lower Upper
128 100
129 11.1 9.2 13.8
127 13.3 10.5 15.7

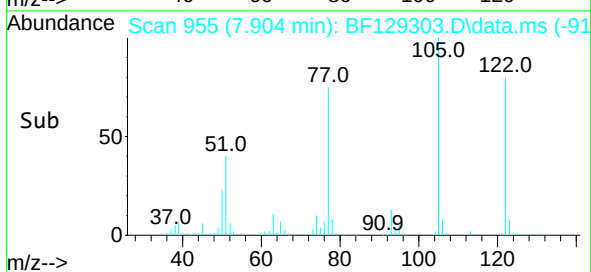
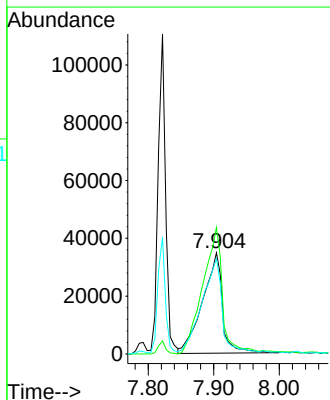
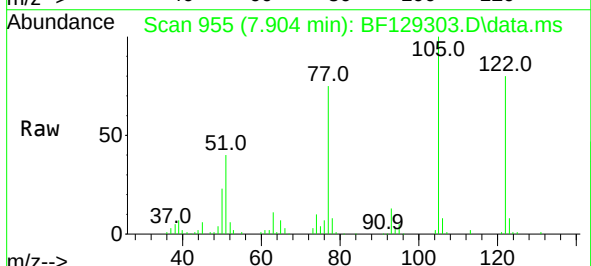
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APPROVED

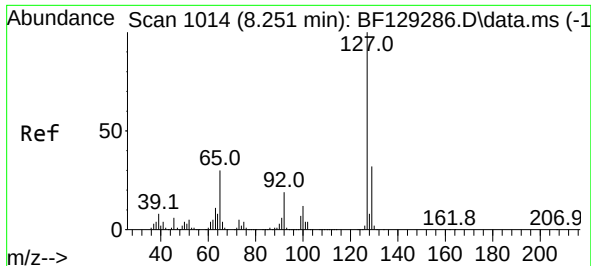
Reviewed By :Christian Giraldo 07/22/2022
Supervised By :Jagrut Upadhyay 07/22/2022



#32
Benzoic acid
Concen: 12.827 ng
RT: 7.904 min Scan# 955
Delta R.T. -0.041 min
Lab File: BF129303.D
Acq: 21 Jul 2022 18:51

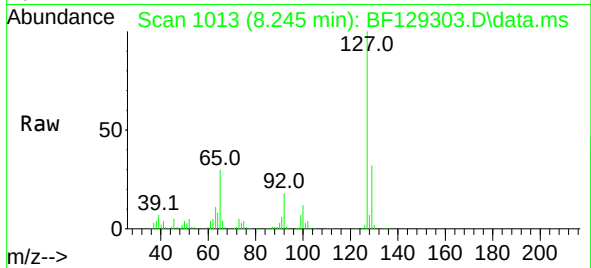
Tgt Ion:122 Resp: 73312
Ion Ratio Lower Upper
122 100
105 125.1 107.1 147.1
77 94.3 74.2 114.2





#33
4-Chloroaniline
Concen: 10.848 ng
RT: 8.245 min Scan# 1013
Delta R.T. -0.006 min
Lab File: BF129303.D
Acq: 21 Jul 2022 18:51

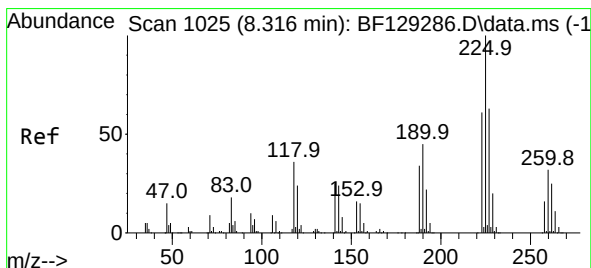
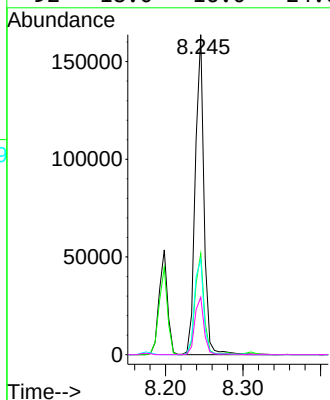
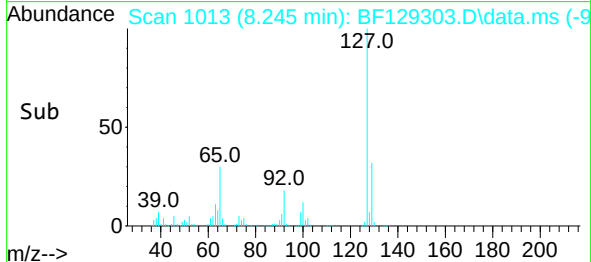
Instrument :
BNA_F
ClientSampleId :
LOQ-WATER-02-QT2-2022



Tgt Ion:127 Resp: 12768
Ion Ratio Lower Upper
127 100
129 31.6 26.4 39.6
65 29.9 26.4 39.6
92 18.0 16.0 24.0

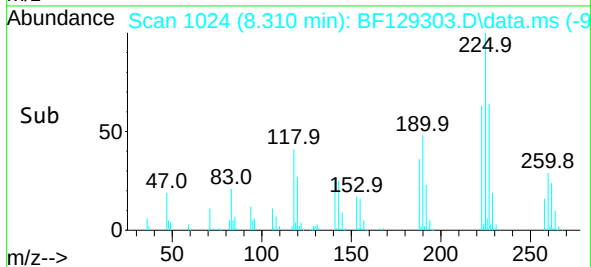
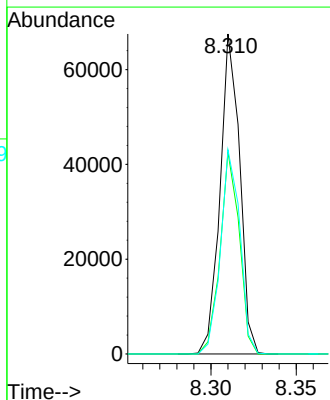
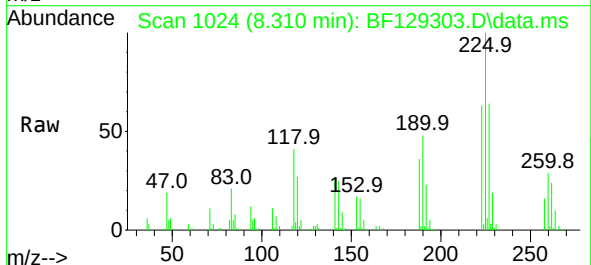
Manual Integrations
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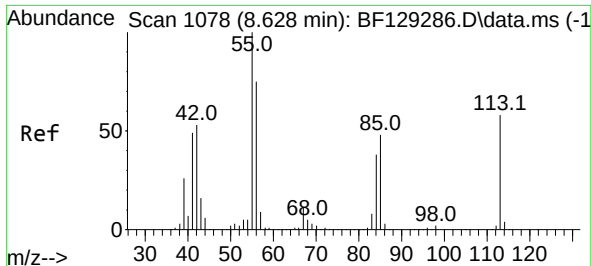
Reviewed By :Christian Giraldo 07/22/2022
Supervised By :Jagrut Upadhyay 07/22/2022



#34
Hexachlorobutadiene
Concen: 11.192 ng
RT: 8.310 min Scan# 1024
Delta R.T. -0.006 min
Lab File: BF129303.D
Acq: 21 Jul 2022 18:51

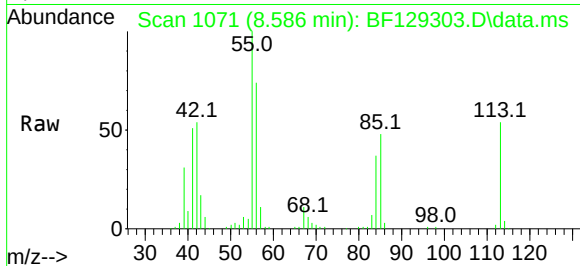
Tgt Ion:225 Resp: 54072
Ion Ratio Lower Upper
225 100
223 63.1 51.0 76.6
227 63.8 51.1 76.7





#35
 Caprolactam
 Concen: 10.386 ng
 RT: 8.586 min Scan# 1078
 Delta R.T. -0.041 min
 Lab File: BF129303.D
 Acq: 21 Jul 2022 18:51

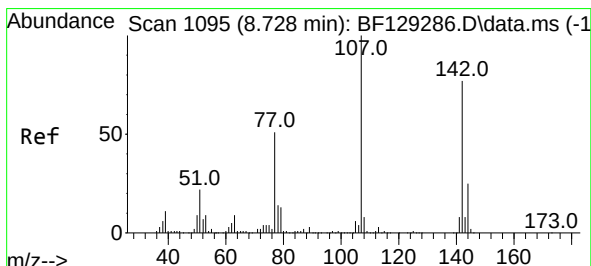
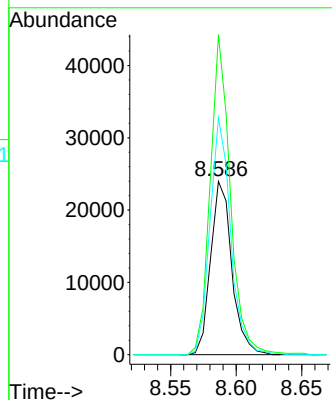
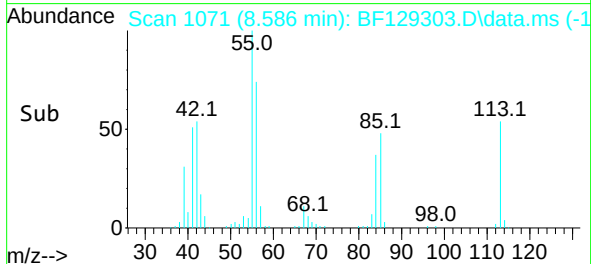
Instrument : BNA_F
 ClientSampleId : LOQ-WATER-02-QT2-2022



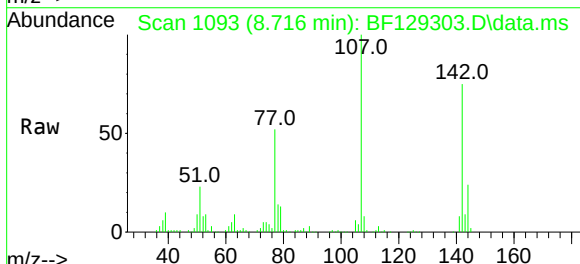
Tgt Ion:113 Resp: 26940
 Ion Ratio Lower Upper
 113 100
 55 184.6 188.5 228.5
 56 136.8 130.6 170.6

Manual Integrations
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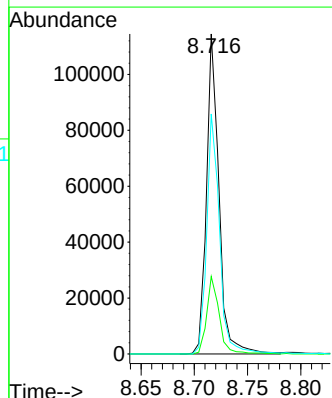
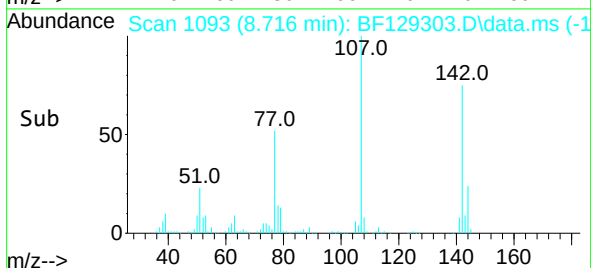
Reviewed By :Christian Giraldo 07/22/2022
 Supervised By :Jagrut Upadhyay 07/22/2022

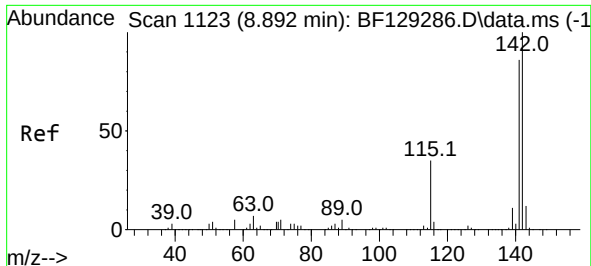


#36
 4-Chloro-3-methylphenol
 Concen: 10.820 ng
 RT: 8.716 min Scan# 1093
 Delta R.T. -0.012 min
 Lab File: BF129303.D
 Acq: 21 Jul 2022 18:51



Tgt Ion:107 Resp: 93496
 Ion Ratio Lower Upper
 107 100
 144 24.2 19.5 29.3
 142 75.0 58.2 87.4





#37

2-Methylnaphthalene

Concen: 10.684 ng

RT: 8.886 min Scan# 1119

Delta R.T. -0.006 min

Lab File: BF129303.D

Acq: 21 Jul 2022 18:51

Instrument :

BNA_F

ClientSampleId :

LOQ-WATER-02-QT2-2022

Tgt Ion:142 Resp: 199800

Ion Ratio Lower Upper

142 100

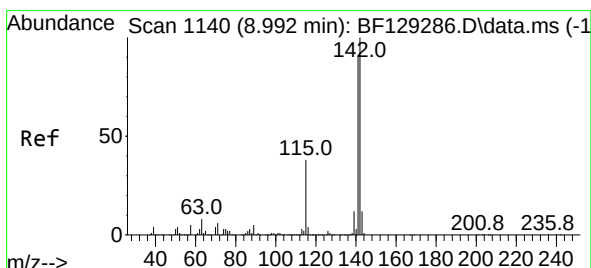
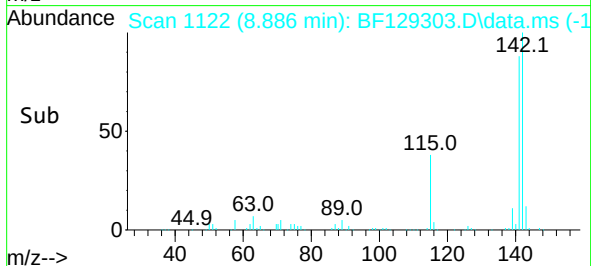
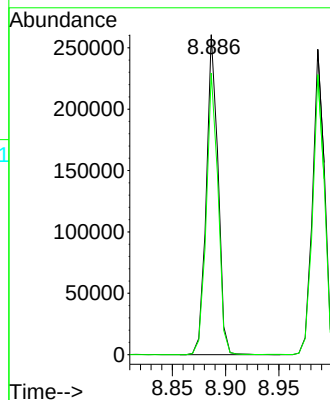
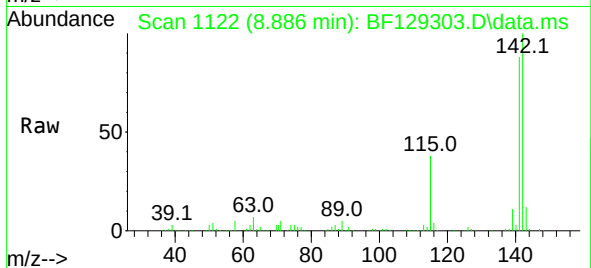
141 88.0 71.0 106.4

Manual Integrations

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Reviewed By :Christian Giraldo 07/22/2022

Supervised By :Jagrut Upadhyay 07/22/2022



#38

1-Methylnaphthalene

Concen: 10.660 ng

RT: 8.986 min Scan# 1139

Delta R.T. -0.006 min

Lab File: BF129303.D

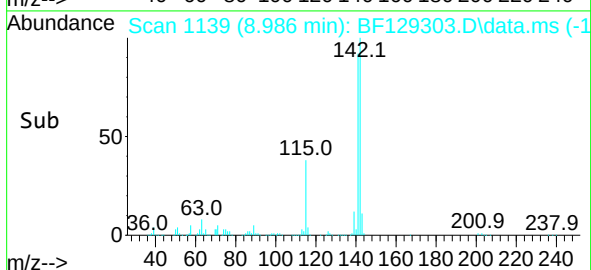
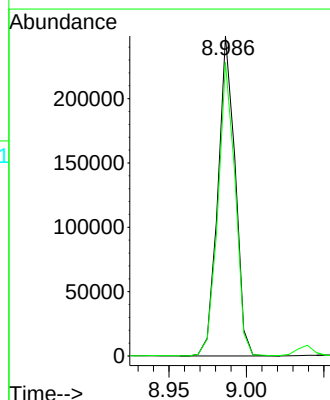
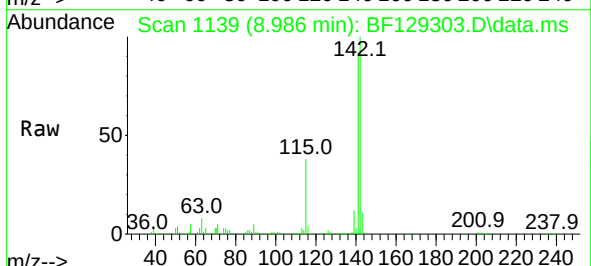
Acq: 21 Jul 2022 18:51

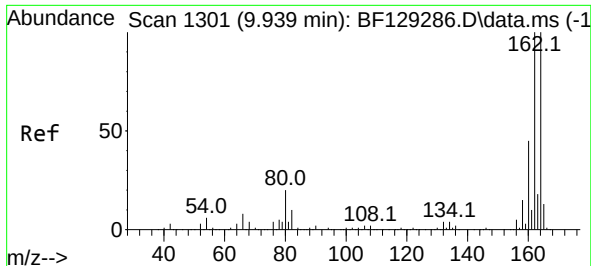
Tgt Ion:142 Resp: 192859

Ion Ratio Lower Upper

142 100

141 91.7 74.2 111.4





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.933 min Scan# 11

Delta R.T. -0.006 min

Lab File: BF129303.D

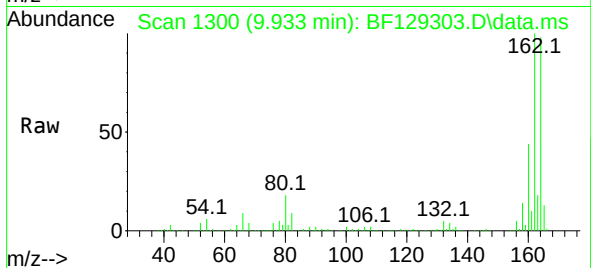
Acq: 21 Jul 2022 18:51

Instrument :

BNA_F

ClientSampleId :

LOQ-WATER-02-QT2-2022



Tgt Ion:164 Resp: 30624

Ion Ratio Lower Upper

164 100

162 101.7 79.5 119.3

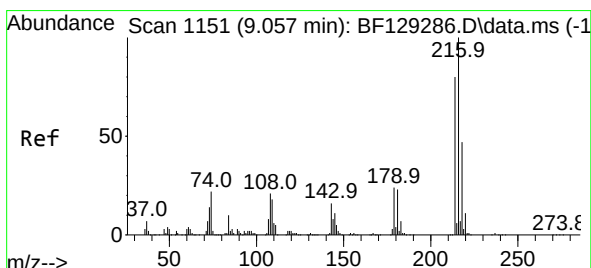
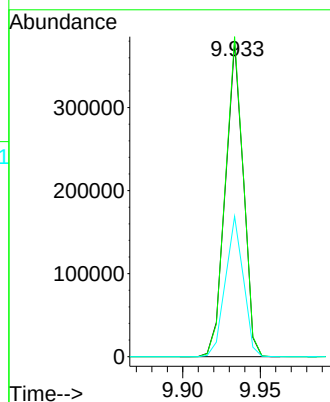
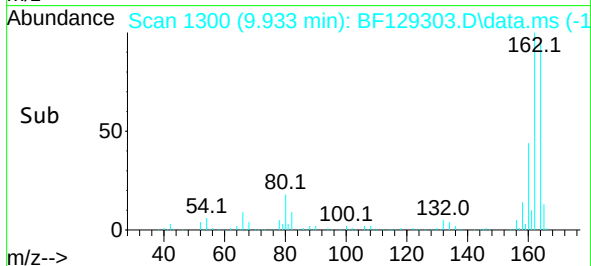
160 44.6 34.2 51.4

Manual Integrations

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Reviewed By :Christian Giraldo 07/22/2022

Supervised By :Jagrut Upadhyay 07/22/2022



#40

1,2,4,5-Tetrachlorobenzene

Concen: 11.077 ng

RT: 9.051 min Scan# 1150

Delta R.T. -0.006 min

Lab File: BF129303.D

Acq: 21 Jul 2022 18:51

Tgt Ion:216 Resp: 89062

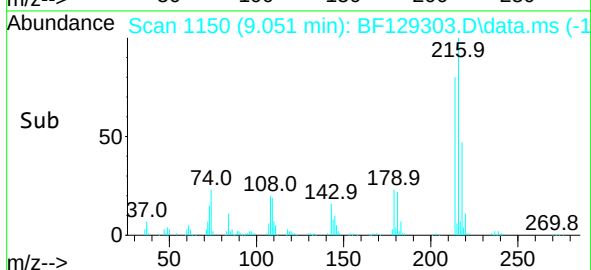
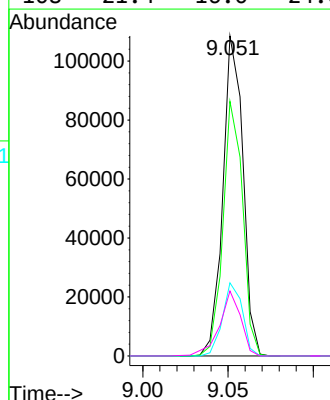
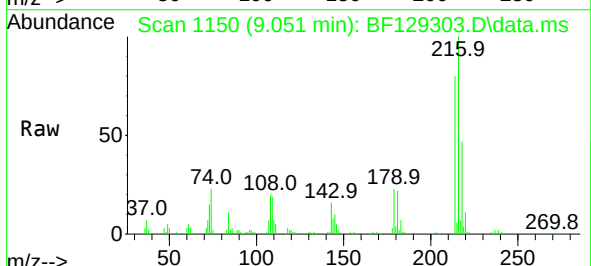
Ion Ratio Lower Upper

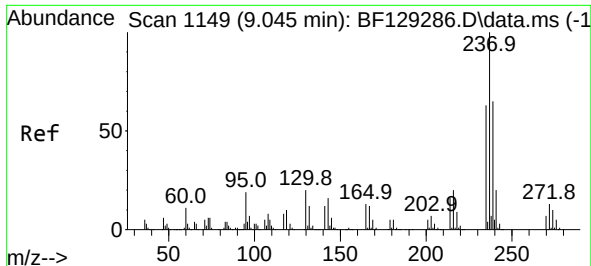
216 100

214 77.5 63.6 95.4

179 22.6 17.0 25.6

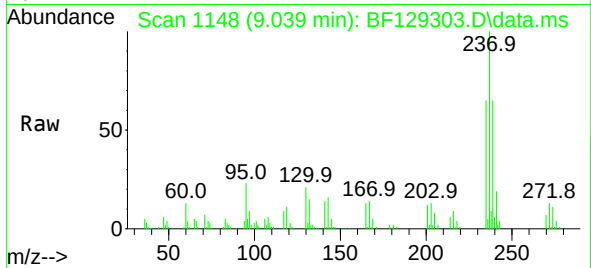
108 21.4 16.0 24.0





#41
Hexachlorocyclopentadiene
Concen: 11.935 ng
RT: 9.039 min Scan# 1149
Delta R.T. -0.006 min
Lab File: BF129303.D
Acq: 21 Jul 2022 18:51

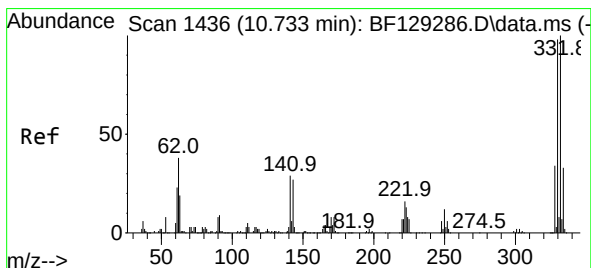
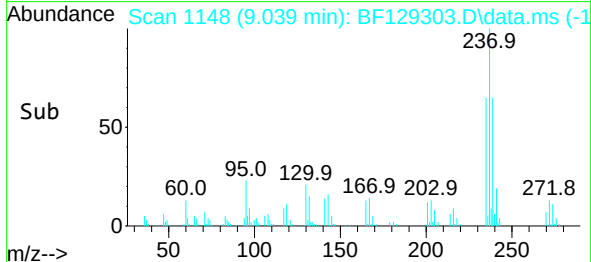
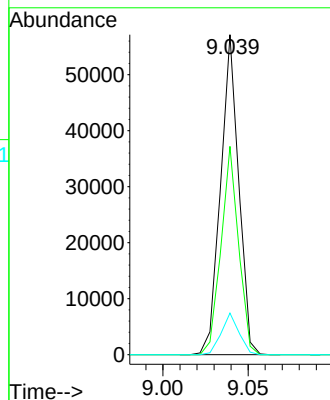
Instrument :
BNA_F
ClientSampleId :
LOQ-WATER-02-QT2-2022



Tgt Ion:237 Resp: 42294
Ion Ratio Lower Upper
237 100
235 65.1 43.2 83.2
272 13.0 0.0 31.9

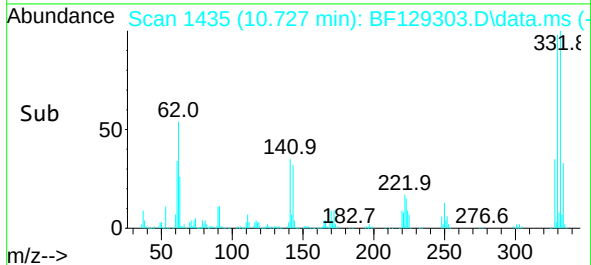
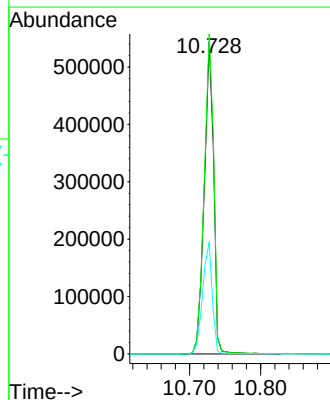
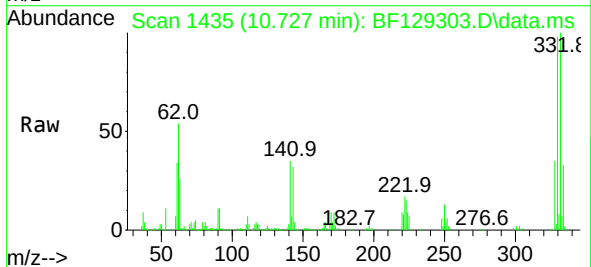
Manual Integrations
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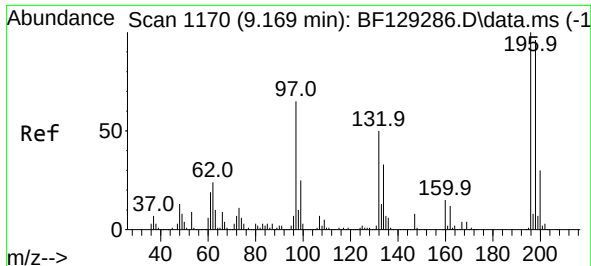
Reviewed By :Christian Giraldo 07/22/2022
Supervised By :Jagrut Upadhyay 07/22/2022



#42
2,4,6-Tribromophenol
Concen: 171.019 ng
RT: 10.727 min Scan# 1435
Delta R.T. -0.006 min
Lab File: BF129303.D
Acq: 21 Jul 2022 18:51

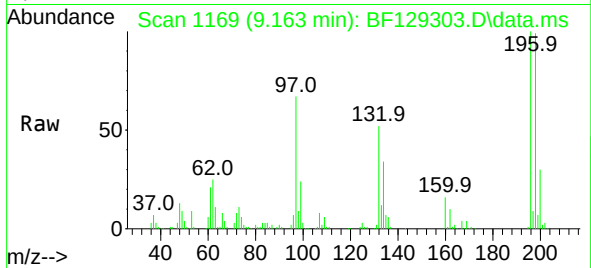
Tgt Ion:330 Resp: 505304
Ion Ratio Lower Upper
330 100
332 103.8 76.8 115.2
141 36.7 28.0 42.0





#43
2,4,6-Trichlorophenol
Concen: 9.819 ng
RT: 9.163 min Scan# 1169
Delta R.T. -0.006 min
Lab File: BF129303.D
Acq: 21 Jul 2022 18:51

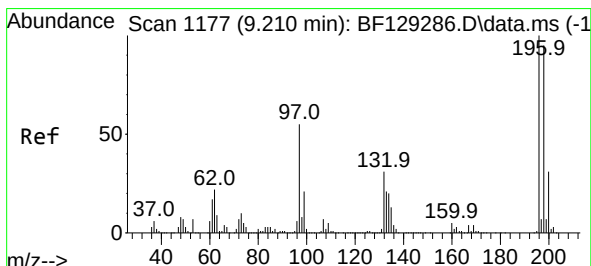
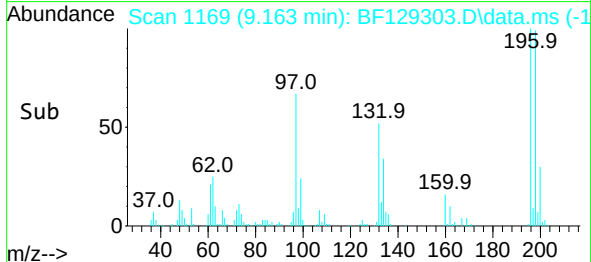
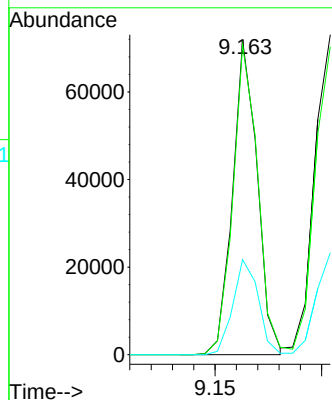
Instrument :
BNA_F
ClientSampleId :
LOQ-WATER-02-QT2-2022



Tgt Ion:196 Resp: 57689
Ion Ratio Lower Upper
196 100
198 98.5 74.0 111.0
200 30.2 24.1 36.1

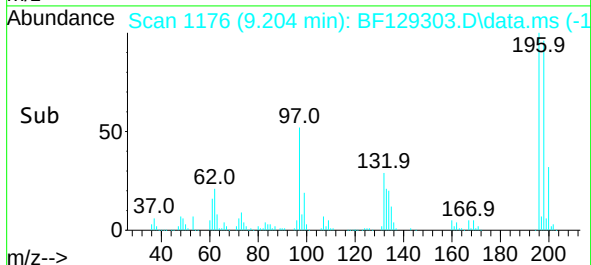
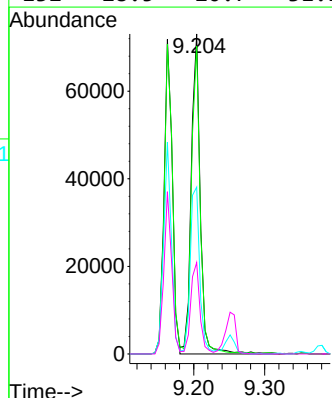
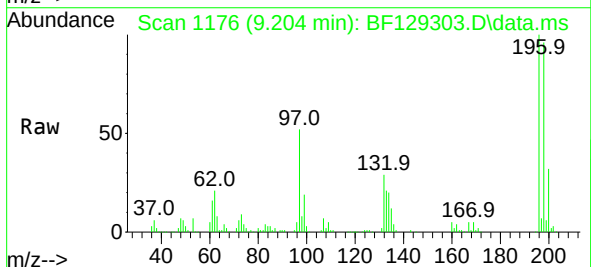
Manual Integrations
APPROVED

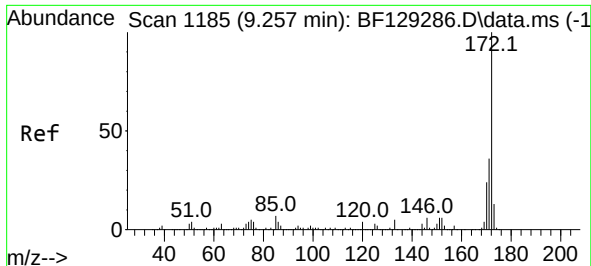
Reviewed By :Christian Giraldo 07/22/2022
Supervised By :Jagrut Upadhyay 07/22/2022



#44
2,4,5-Trichlorophenol
Concen: 10.155 ng
RT: 9.204 min Scan# 1176
Delta R.T. -0.006 min
Lab File: BF129303.D
Acq: 21 Jul 2022 18:51

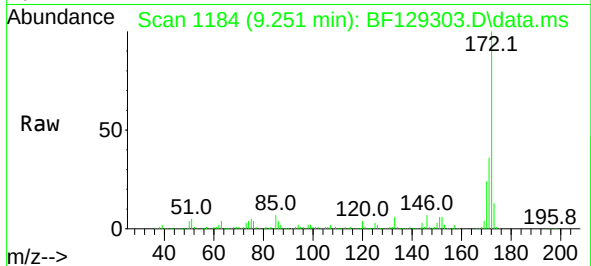
Tgt Ion:196 Resp: 64726
Ion Ratio Lower Upper
196 100
198 96.2 75.7 113.5
97 52.2 36.4 54.6
132 28.5 20.7 31.1





#45
2-Fluorobiphenyl
Concen: 83.758 ng
RT: 9.251 min Scan# 1184
Delta R.T. -0.006 min
Lab File: BF129303.D
Acq: 21 Jul 2022 18:51

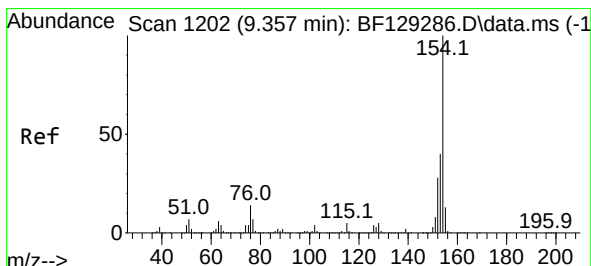
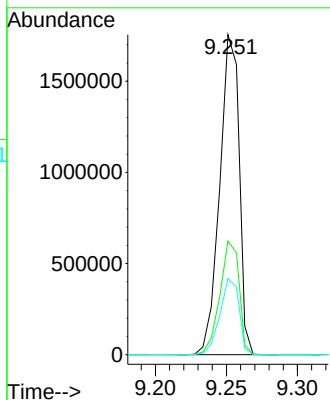
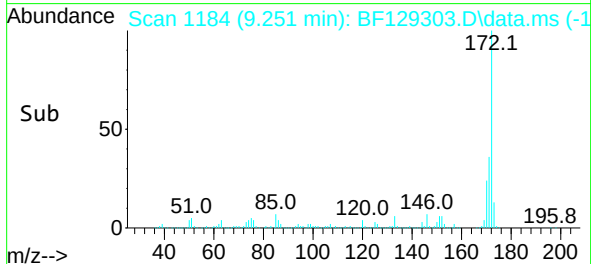
Instrument :
BNA_F
ClientSampleId :
LOQ-WATER-02-QT2-2022



Tgt Ion:172 Resp: 1667400
Ion Ratio Lower Upper
172 100
171 35.5 28.8 43.2
170 23.8 19.8 29.8

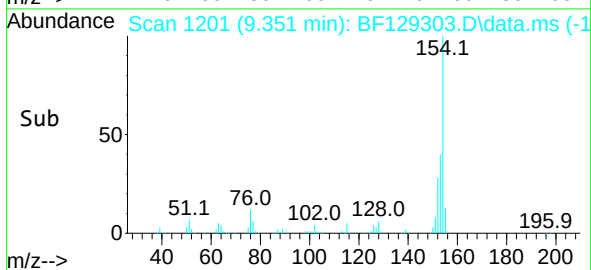
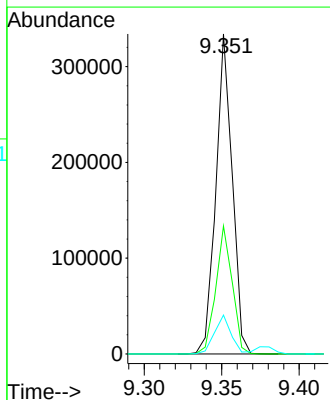
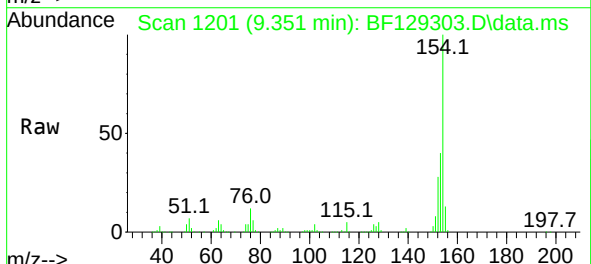
Manual Integrations
APPROVED

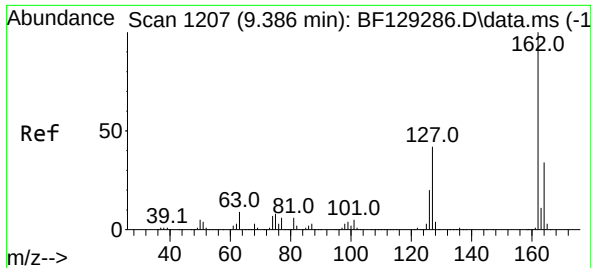
Reviewed By :Christian Giraldo 07/22/2022
Supervised By :Jagrut Upadhyay 07/22/2022



#46
1,1'-Biphenyl
Concen: 10.824 ng
RT: 9.351 min Scan# 1201
Delta R.T. -0.006 min
Lab File: BF129303.D
Acq: 21 Jul 2022 18:51

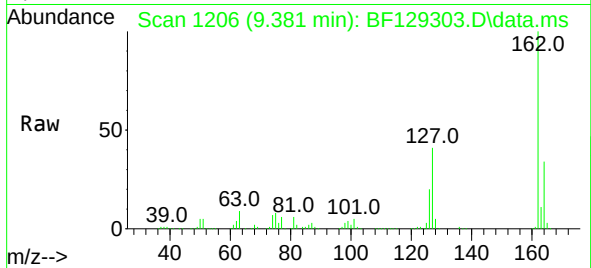
Tgt Ion:154 Resp: 244937
Ion Ratio Lower Upper
154 100
153 40.0 20.6 60.6
76 12.2 0.0 33.3





#47
2-Chloronaphthalene
Concen: 10.349 ng
RT: 9.381 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF129303.D
Acq: 21 Jul 2022 18:51

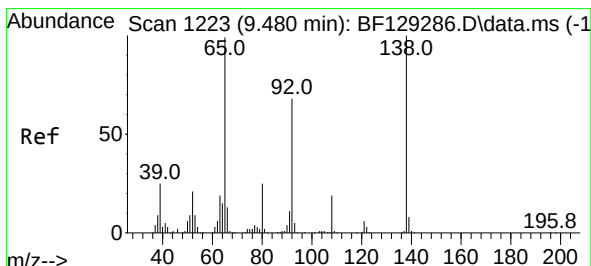
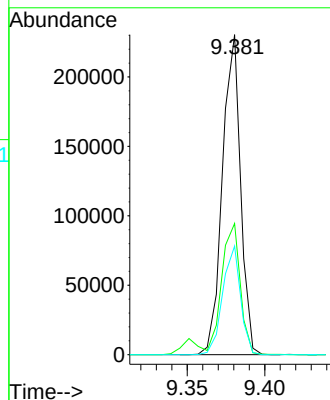
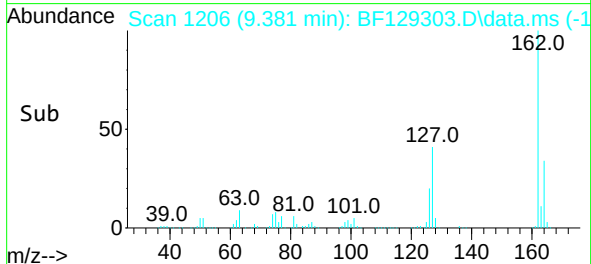
Instrument :
BNA_F
ClientSampleId :
LOQ-WATER-02-QT2-2022



Tgt Ion:162 Resp: 18759
Ion Ratio Lower Upper
162 100
127 41.0 34.5 51.7
164 34.0 26.5 39.7

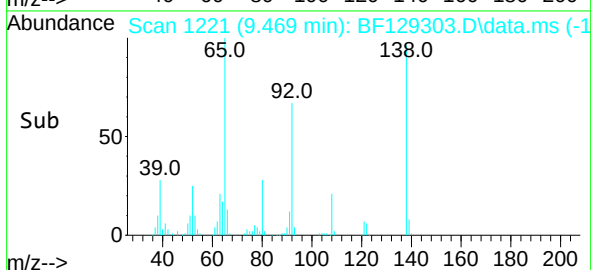
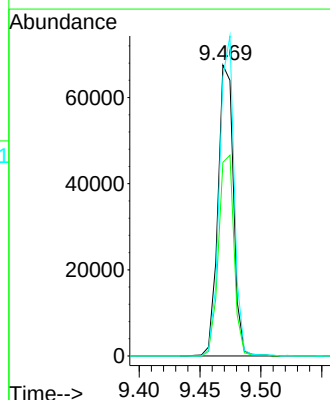
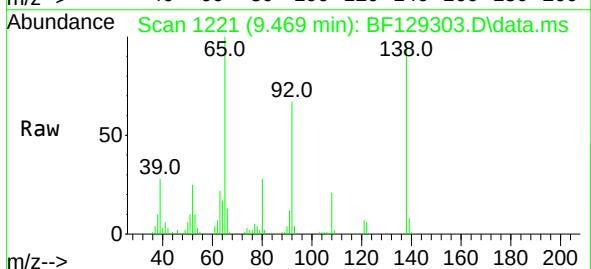
Manual Integrations
APPROVED

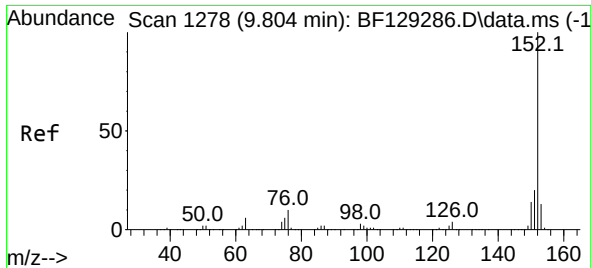
Reviewed By :Christian Giraldo 07/22/2022
Supervised By :Jagrut Upadhyay 07/22/2022



#48
2-Nitroaniline
Concen: 9.868 ng
RT: 9.469 min Scan# 1221
Delta R.T. -0.012 min
Lab File: BF129303.D
Acq: 21 Jul 2022 18:51

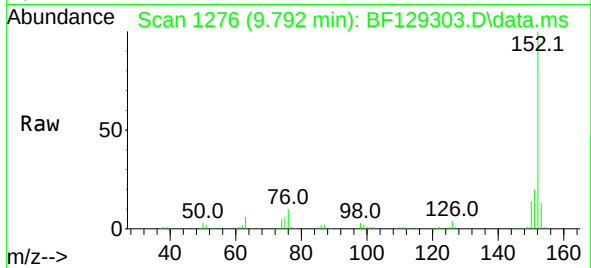
Tgt Ion: 65 Resp: 60077
Ion Ratio Lower Upper
65 100
92 66.6 51.9 77.9
138 96.0 76.4 114.6





#49
Acenaphthylene
Concen: 11.172 ng
RT: 9.792 min Scan# 11
Delta R.T. -0.012 min
Lab File: BF129303.D
Acq: 21 Jul 2022 18:51

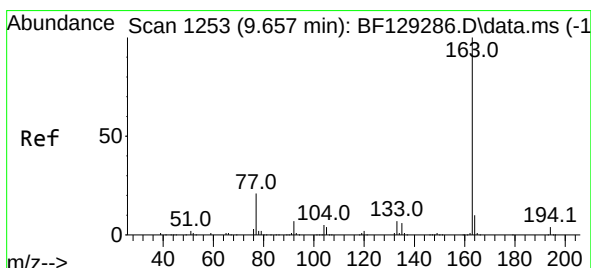
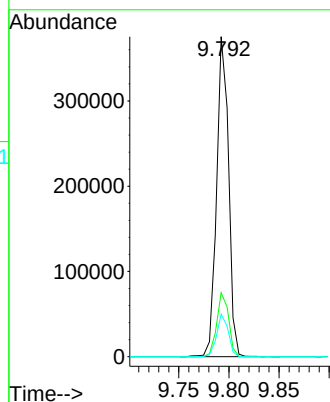
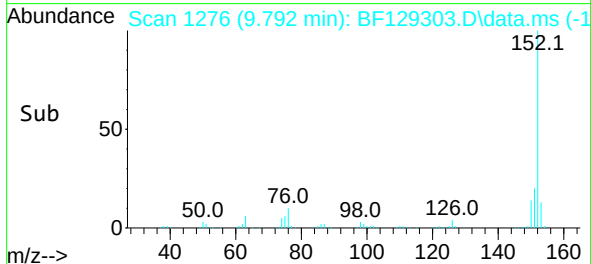
Instrument :
BNA_F
ClientSampleId :
LOQ-WATER-02-QT2-2022



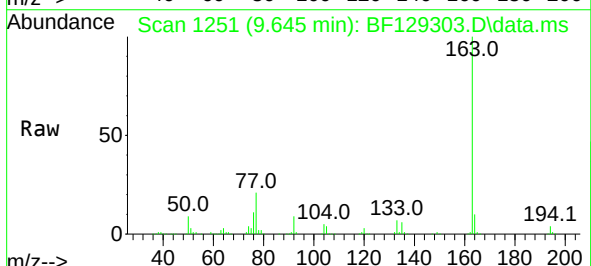
Tgt Ion:152 Resp: 31099
Ion Ratio Lower Upper
152 100
151 20.0 16.2 24.4
153 13.3 10.7 16.1

Manual Integrations
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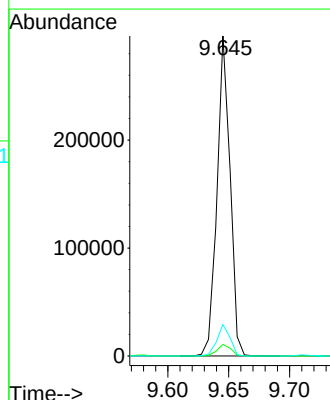
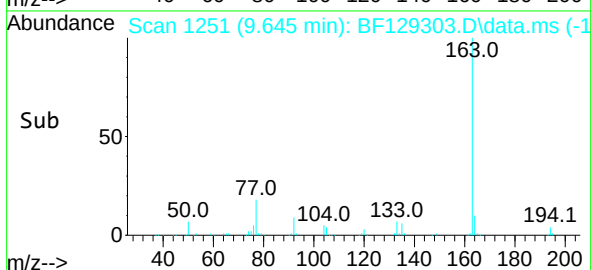
Reviewed By :Christian Giraldo 07/22/2022
Supervised By :Jagrut Upadhyay 07/22/2022

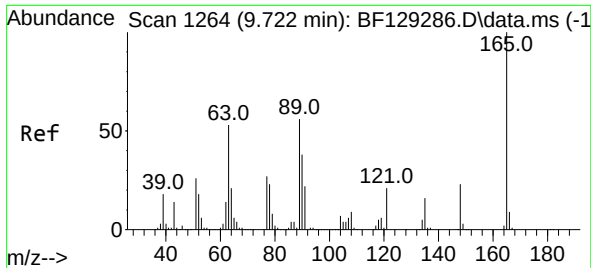


#50
Dimethylphthalate
Concen: 10.476 ng
RT: 9.645 min Scan# 1251
Delta R.T. -0.012 min
Lab File: BF129303.D
Acq: 21 Jul 2022 18:51



Tgt Ion:163 Resp: 220407
Ion Ratio Lower Upper
163 100
194 3.6 3.2 4.8
164 9.8 8.2 12.2





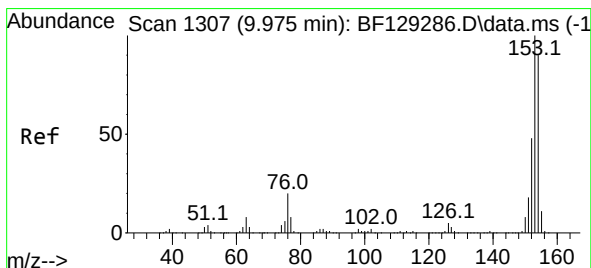
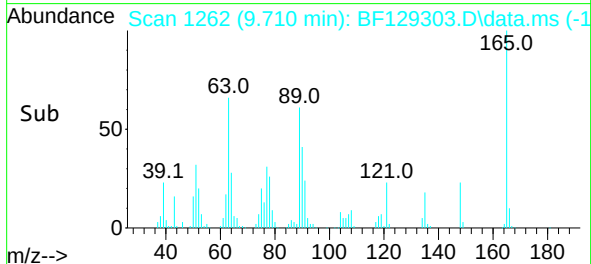
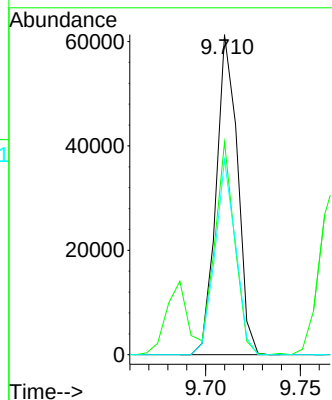
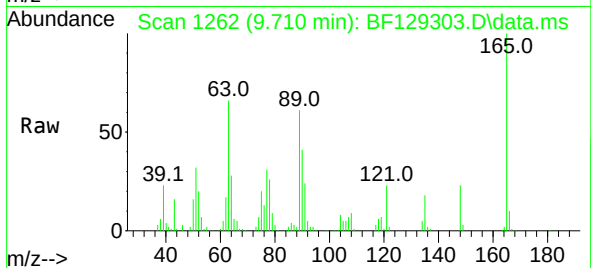
#51
2,6-Dinitrotoluene
Concen: 10.198 ng
RT: 9.710 min Scan# 11
Delta R.T. -0.012 min
Lab File: BF129303.D
Acq: 21 Jul 2022 18:51

Instrument :
BNA_F
ClientSampleId :
LOQ-WATER-02-QT2-2022

Tgt Ion:165 Resp: 4804
Ion Ratio Lower Upper
165 100
63 66.5 44.9 67.3
89 61.0 43.6 65.4

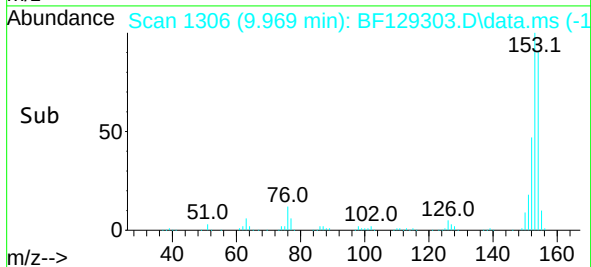
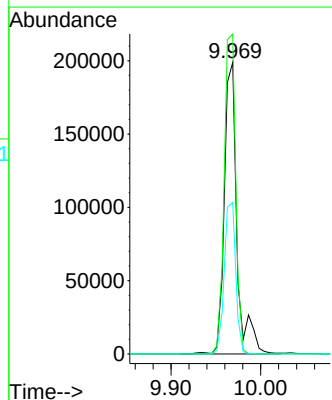
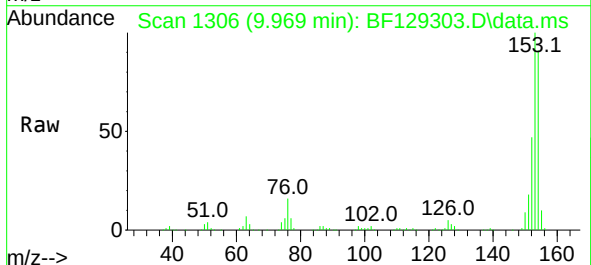
Manual Integrations
APPROVED

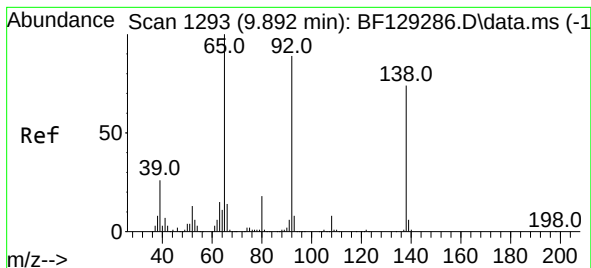
Reviewed By :Christian Giraldo 07/22/2022
Supervised By :Jagrut Upadhyay 07/22/2022



#52
Acenaphthene
Concen: 10.807 ng
RT: 9.969 min Scan# 1306
Delta R.T. -0.006 min
Lab File: BF129303.D
Acq: 21 Jul 2022 18:51

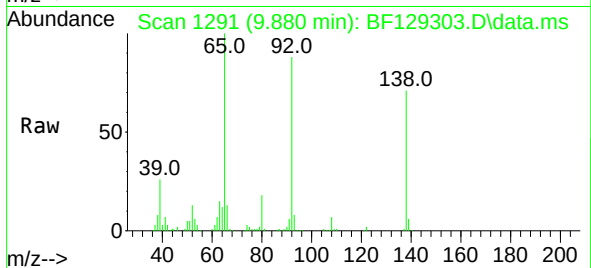
Tgt Ion:154 Resp: 195224
Ion Ratio Lower Upper
154 100
153 109.8 89.6 134.4
152 52.0 42.4 63.6





#53
3-Nitroaniline
Concen: 9.423 ng
RT: 9.880 min Scan# 110
Delta R.T. -0.012 min
Lab File: BF129303.D
Acq: 21 Jul 2022 18:51

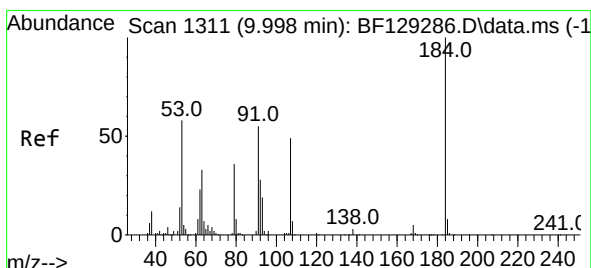
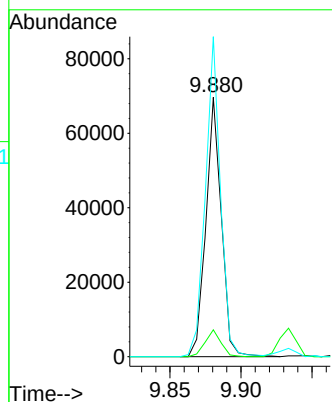
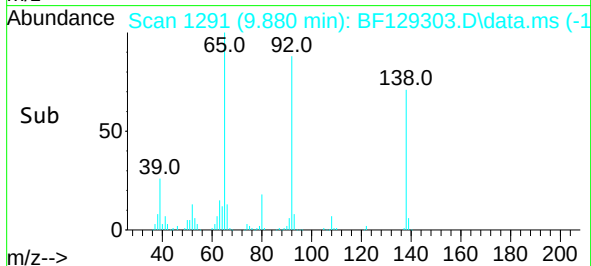
Instrument : BNA_F
ClientSampleId :
LOQ-WATER-02-QT2-2022



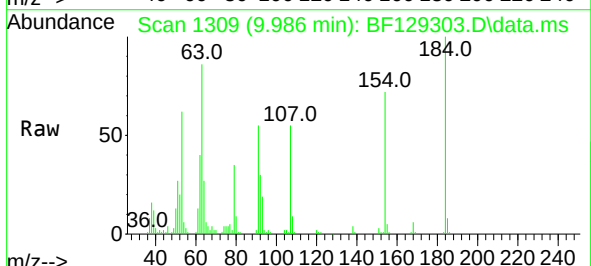
Tgt Ion:138 Resp: 5282
Ion Ratio Lower Upper
138 100
108 10.4 10.9 16.3
92 123.4 98.2 147.2

Manual Integrations
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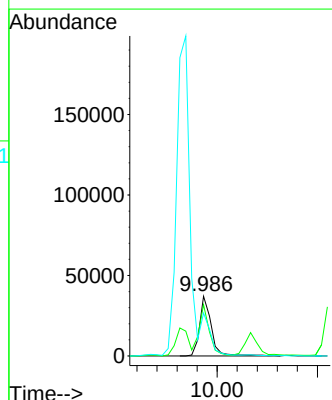
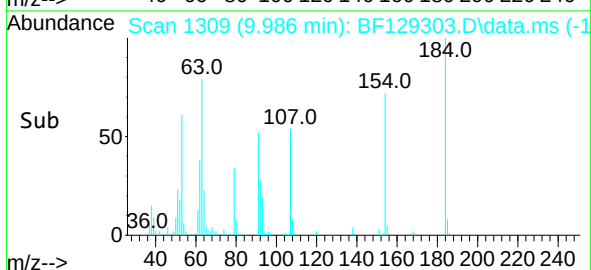
Reviewed By :Christian Giraldo 07/22/2022
Supervised By :Jagrut Upadhyay 07/22/2022

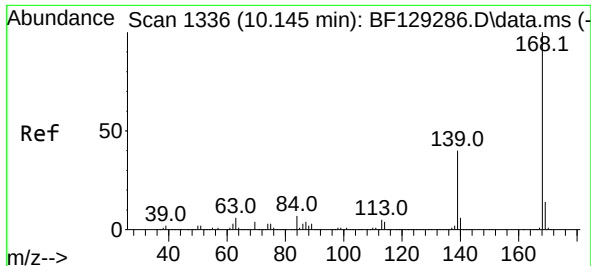


#54
2,4-Dinitrophenol
Concen: 12.640 ng
RT: 9.986 min Scan# 1309
Delta R.T. -0.012 min
Lab File: BF129303.D
Acq: 21 Jul 2022 18:51



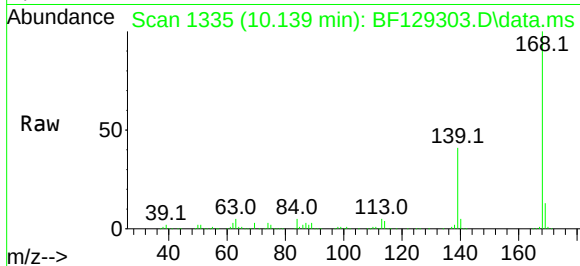
Tgt Ion:184 Resp: 30133
Ion Ratio Lower Upper
184 100
63 85.9 64.5 96.7
154 71.9 50.6 75.8





#55
Dibenzenofuran
Concen: 10.835 ng
RT: 10.139 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF129303.D
Acq: 21 Jul 2022 18:51

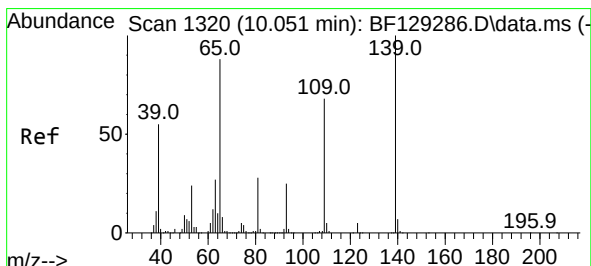
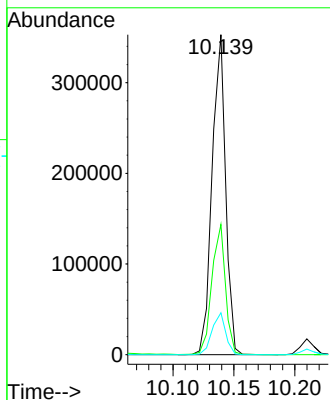
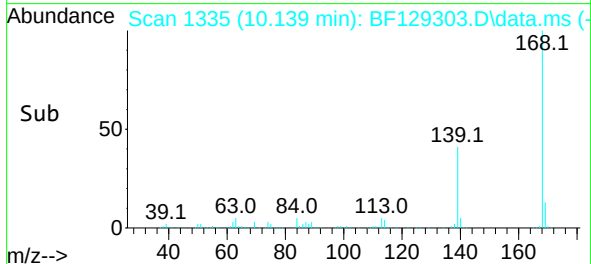
Instrument :
BNA_F
ClientSampleId :
LOQ-WATER-02-QT2-2022



Tgt Ion:168 Resp: 27199
Ion Ratio Lower Upper
168 100
139 40.7 30.6 46.0
169 13.1 11.0 16.6

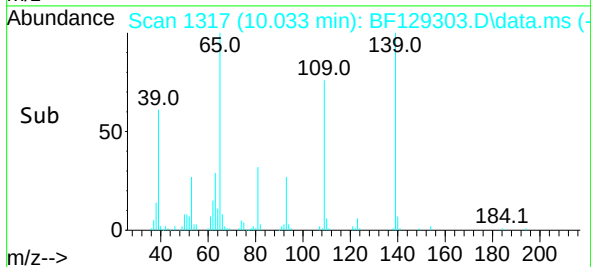
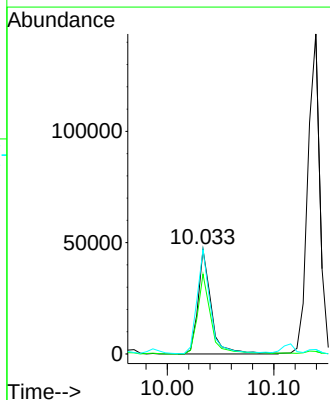
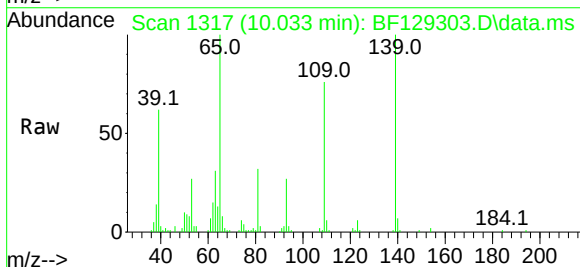
Manual Integrations
APPROVED

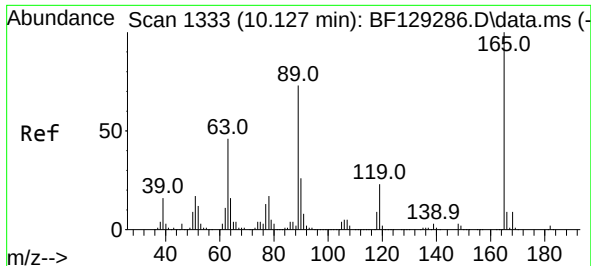
Reviewed By :Christian Giraldo 07/22/2022
Supervised By :Jagrut Upadhyay 07/22/2022



#56
4-Nitrophenol
Concen: 9.858 ng
RT: 10.033 min Scan# 1317
Delta R.T. -0.018 min
Lab File: BF129303.D
Acq: 21 Jul 2022 18:51

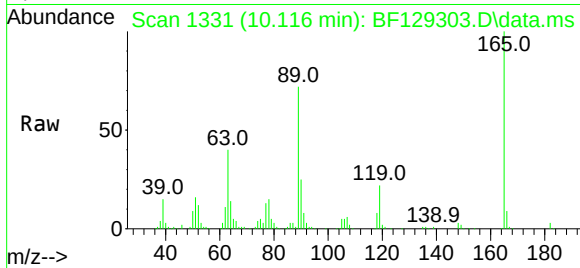
Tgt Ion:139 Resp: 40354
Ion Ratio Lower Upper
139 100
109 76.3 50.7 90.7
65 99.7 74.5 114.5





#57
2,4-Dinitrotoluene
Concen: 10.349 ng
RT: 10.116 min Scan# 1331
Delta R.T. -0.012 min
Lab File: BF129303.D
Acq: 21 Jul 2022 18:51

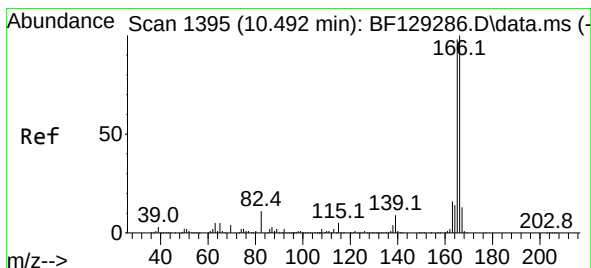
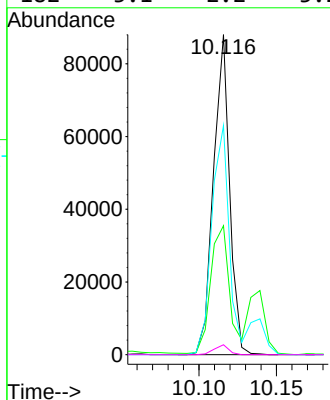
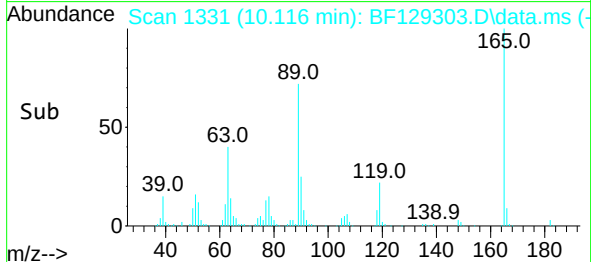
Instrument :
BNA_F
ClientSampleId :
LOQ-WATER-02-QT2-2022



Tgt Ion:165 Resp: 63910
Ion Ratio Lower Upper
165 100
63 40.3 39.8 59.6
89 71.6 60.2 90.2
182 3.1 2.2 3.2

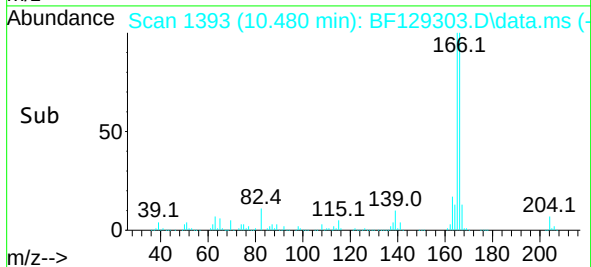
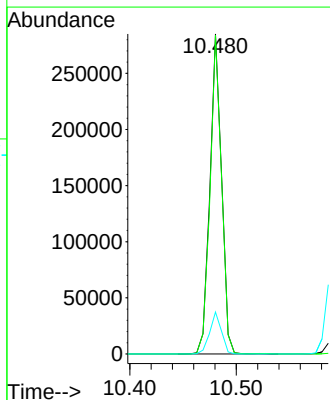
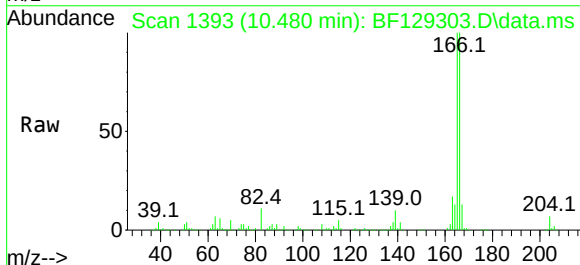
Manual Integrations
APPROVED

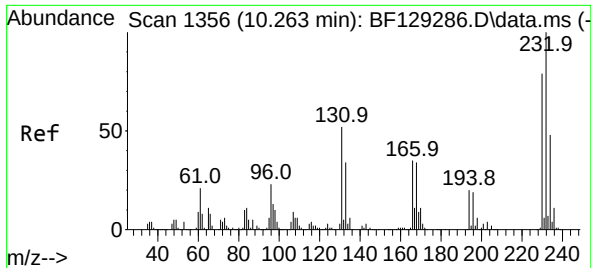
Reviewed By :Christian Giraldo 07/22/2022
Supervised By :Jagrut Upadhyay 07/22/2022



#58
Fluorene
Concen: 10.792 ng
RT: 10.480 min Scan# 1393
Delta R.T. -0.012 min
Lab File: BF129303.D
Acq: 21 Jul 2022 18:51

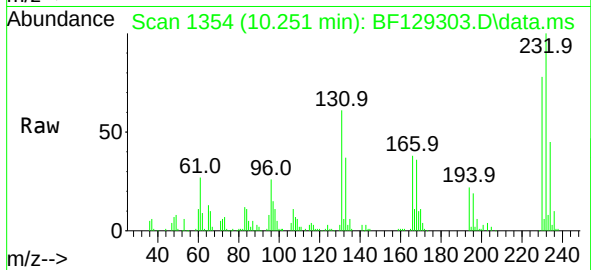
Tgt Ion:166 Resp: 216231
Ion Ratio Lower Upper
166 100
165 99.6 78.1 117.1
167 13.1 10.5 15.7





#59
2,3,4,6-Tetrachlorophenol
Concen: 9.937 ng
RT: 10.251 min Scan# 1354
Delta R.T. -0.012 min
Lab File: BF129303.D
Acq: 21 Jul 2022 18:51

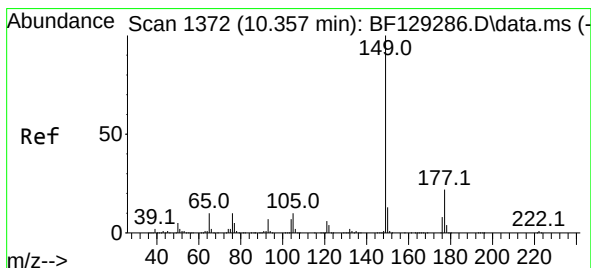
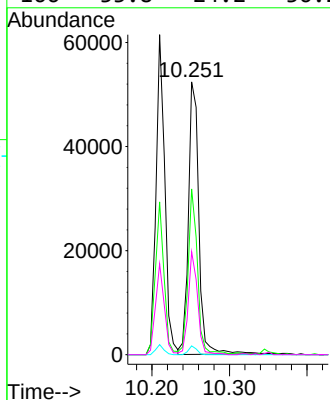
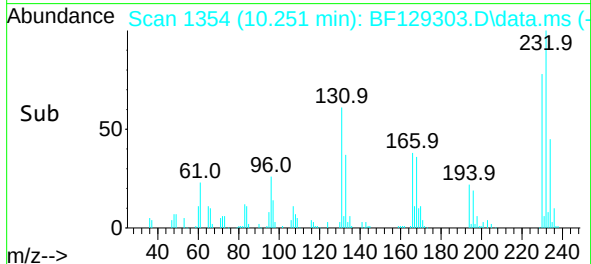
Instrument :
BNA_F
ClientSampleId :
LOQ-WATER-02-QT2-2022



Tgt Ion:232 Resp: 48820
Ion Ratio Lower Upper
232 100
131 53.5 36.1 54.1
130 2.5 1.8 2.8
166 33.8 24.2 36.2

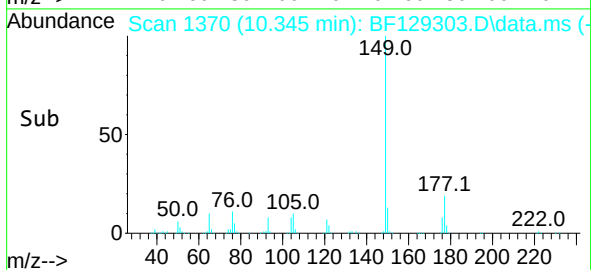
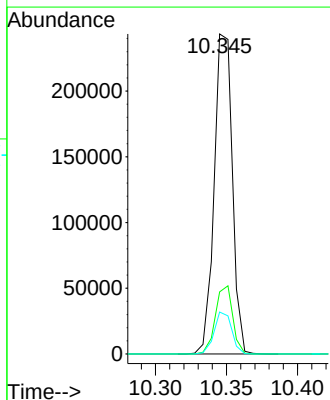
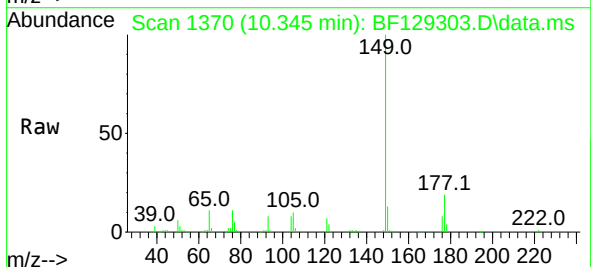
Manual Integrations
APPROVED

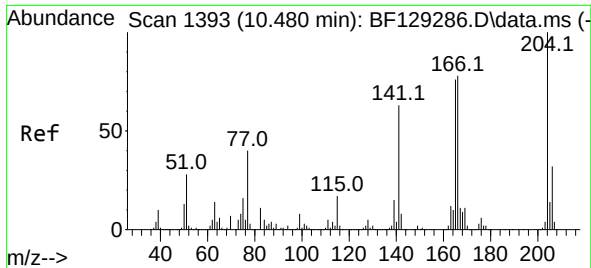
Reviewed By :Christian Giraldo 07/22/2022
Supervised By :Jagrut Upadhyay 07/22/2022



#60
Diethylphthalate
Concen: 10.687 ng
RT: 10.345 min Scan# 1370
Delta R.T. -0.012 min
Lab File: BF129303.D
Acq: 21 Jul 2022 18:51

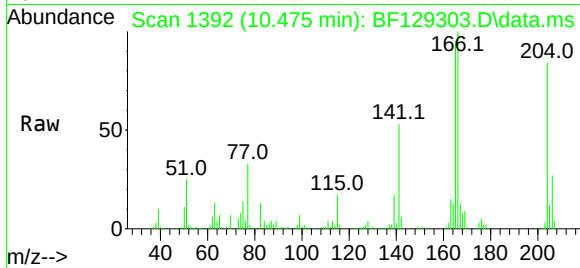
Tgt Ion:149 Resp: 216343
Ion Ratio Lower Upper
149 100
177 19.4 17.3 25.9
150 13.1 10.2 15.2





#61
4-Chlorophenyl-phenylether
Concen: 10.963 ng
RT: 10.475 min Scan# 1392
Delta R.T. -0.006 min
Lab File: BF129303.D
Acq: 21 Jul 2022 18:51

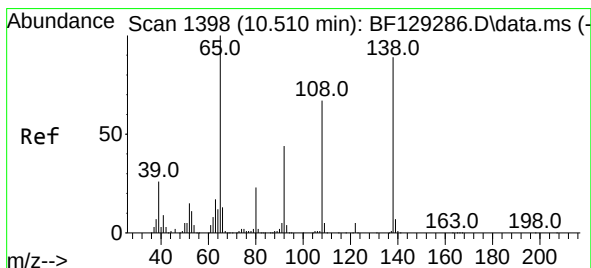
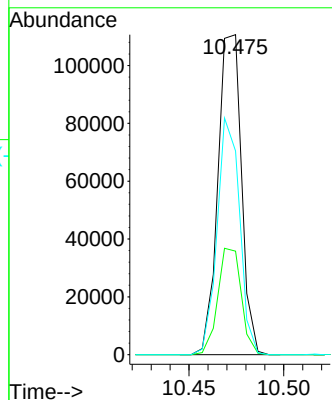
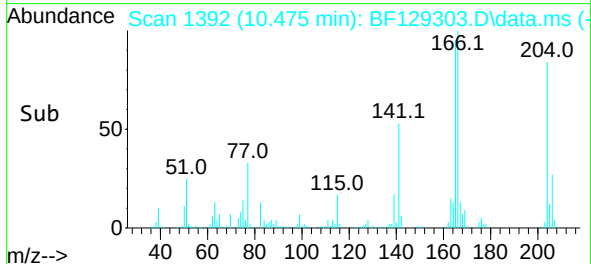
Instrument :
BNA_F
ClientSampleId :
LOQ-WATER-02-QT2-2022



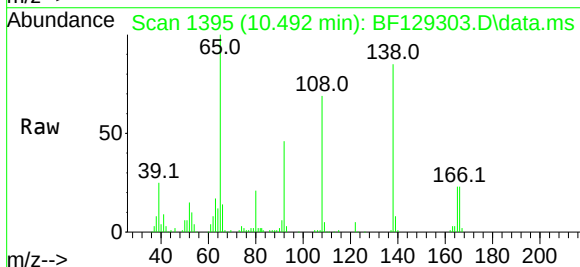
Tgt Ion:204 Resp: 96102
Ion Ratio Lower Upper
204 100
206 32.4 25.8 38.6
141 63.7 47.0 70.4

Manual Integrations
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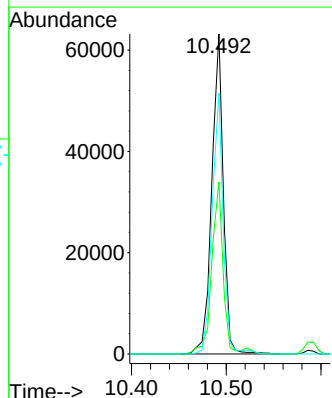
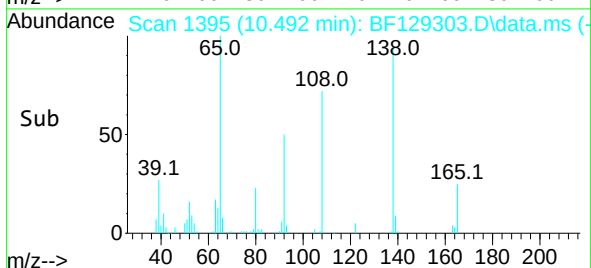
Reviewed By :Christian Giraldo 07/22/2022
Supervised By :Jagrut Upadhyay 07/22/2022

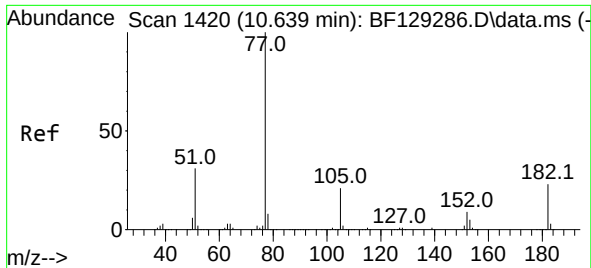


#62
4-Nitroaniline
Concen: 9.616 ng
RT: 10.492 min Scan# 1395
Delta R.T. -0.018 min
Lab File: BF129303.D
Acq: 21 Jul 2022 18:51



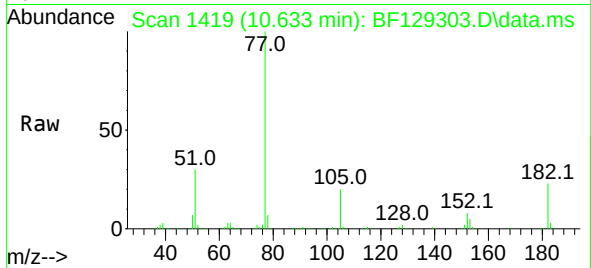
Tgt Ion:138 Resp: 53238
Ion Ratio Lower Upper
138 100
92 53.7 33.5 73.5
108 81.5 61.0 101.0





#63
Azobenzene
Concen: 10.581 ng
RT: 10.633 min Scan# 1419
Delta R.T. -0.006 min
Lab File: BF129303.D
Acq: 21 Jul 2022 18:51

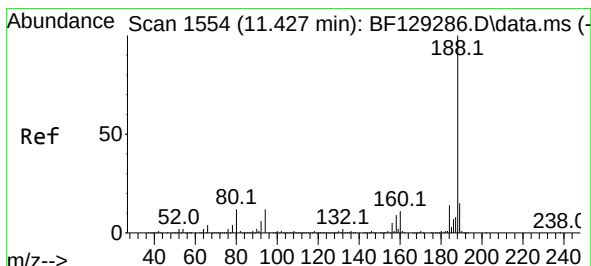
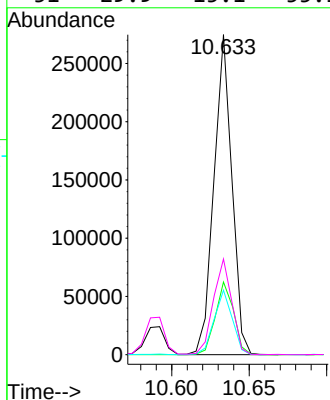
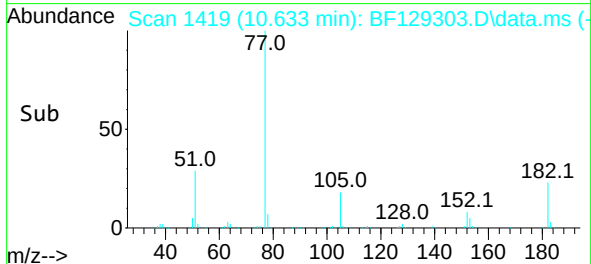
Instrument :
BNA_F
ClientSampleId :
LOQ-WATER-02-QT2-2022



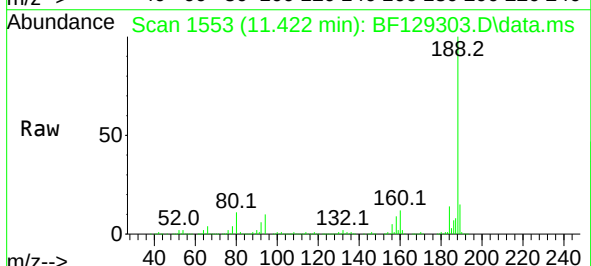
Tgt Ion: 77 Resp: 221598
Ion Ratio Lower Upper
77 100
182 22.7 5.6 45.6
105 20.2 1.6 41.6
51 29.9 15.1 55.1

Manual Integrations
APPROVED

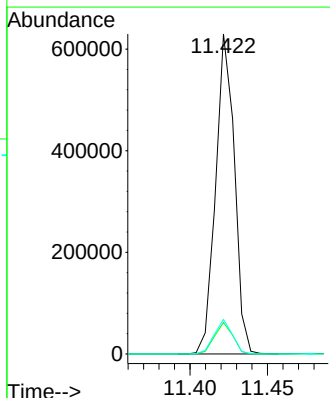
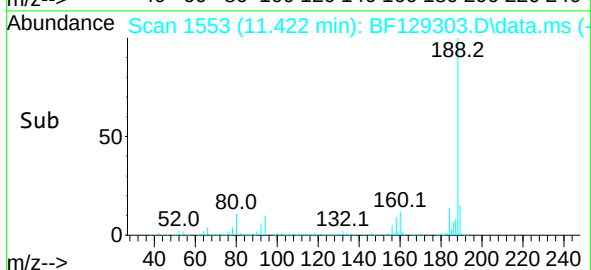
Reviewed By :Christian Giraldo 07/22/2022
Supervised By :Jagrut Upadhyay 07/22/2022

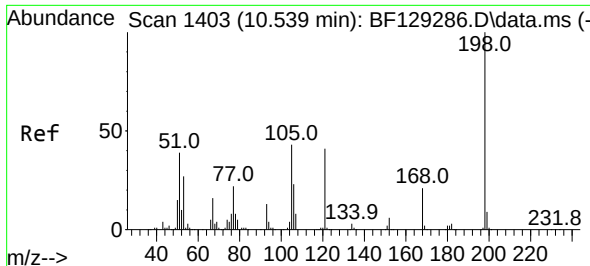


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.422 min Scan# 1553
Delta R.T. -0.006 min
Lab File: BF129303.D
Acq: 21 Jul 2022 18:51



Tgt Ion:188 Resp: 531481
Ion Ratio Lower Upper
188 100
94 9.9 7.0 10.6
80 10.8 7.6 11.4





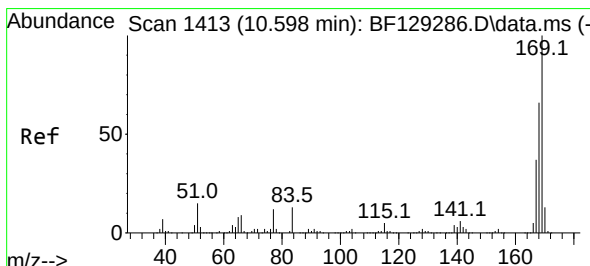
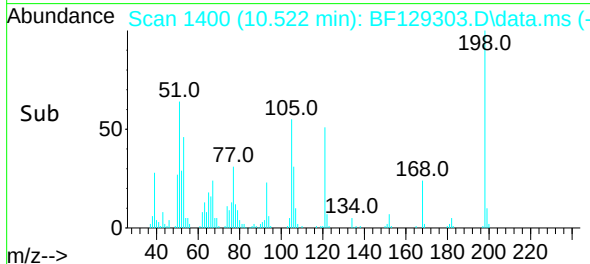
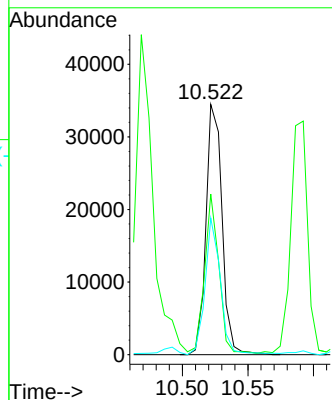
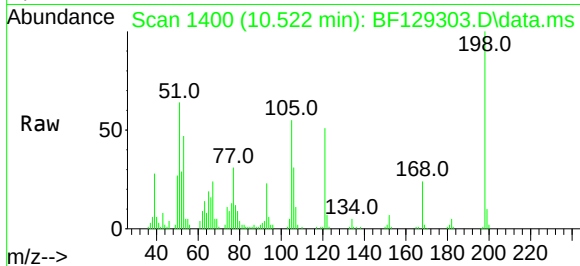
#65
4,6-Dinitro-2-methylphenol
Concen: 9.015 ng
RT: 10.522 min Scan# 1403
Delta R.T. -0.018 min
Lab File: BF129303.D
Acq: 21 Jul 2022 18:51

Instrument :
BNA_F
ClientSampleId :
LOQ-WATER-02-QT2-2022

Tgt Ion:198 Resp: 2947
Ion Ratio Lower Upper
198 100
51 64.2 37.6 77.6
105 54.6 27.0 67.0

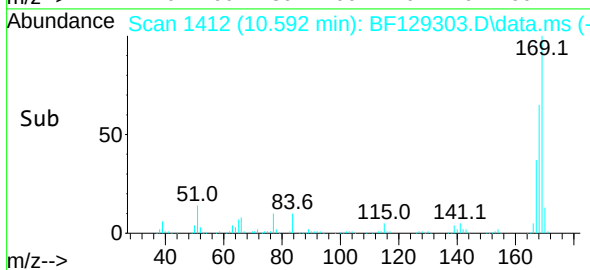
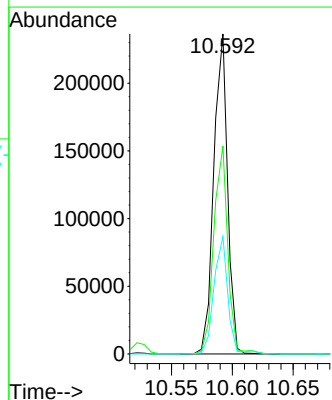
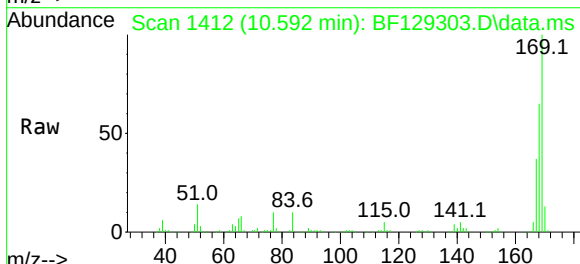
Manual Integrations
APPROVED

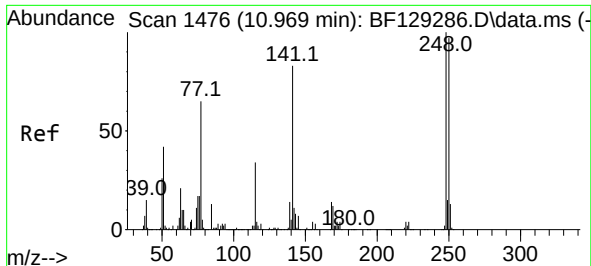
Reviewed By :Christian Giraldo 07/22/2022
Supervised By :Jagrut Upadhyay 07/22/2022



#66
n-Nitrosodiphenylamine
Concen: 10.562 ng
RT: 10.592 min Scan# 1412
Delta R.T. -0.006 min
Lab File: BF129303.D
Acq: 21 Jul 2022 18:51

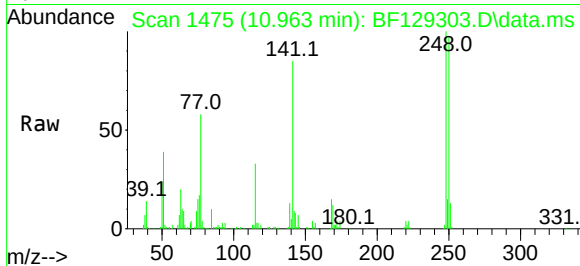
Tgt Ion:169 Resp: 185591
Ion Ratio Lower Upper
169 100
168 64.9 50.1 75.1
167 36.7 27.9 41.9





#67
4-Bromophenyl-phenylether
Concen: 10.428 ng
RT: 10.963 min Scan# 1475
Delta R.T. -0.006 min
Lab File: BF129303.D
Acq: 21 Jul 2022 18:51

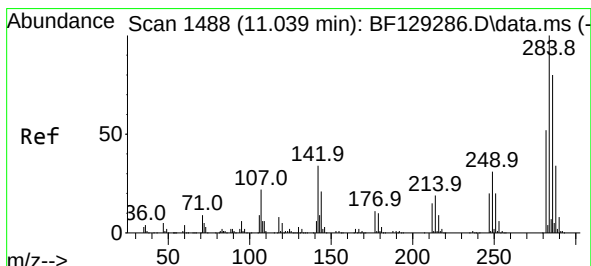
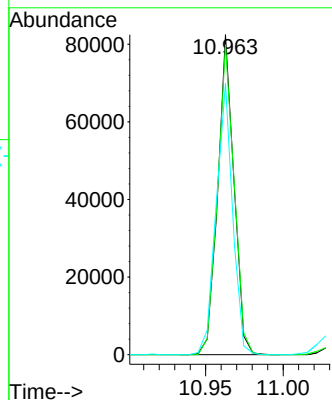
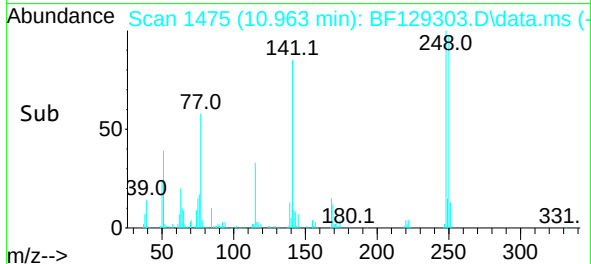
Instrument :
BNA_F
ClientSampleId :
LOQ-WATER-02-QT2-2022



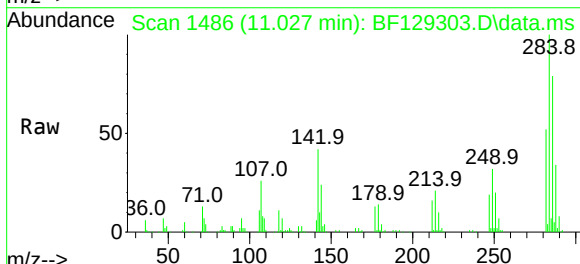
Tgt Ion:248 Resp: 5980
Ion Ratio Lower Upper
248 100
250 96.8 80.6 120.8
141 84.8 58.9 88.3

Manual Integrations
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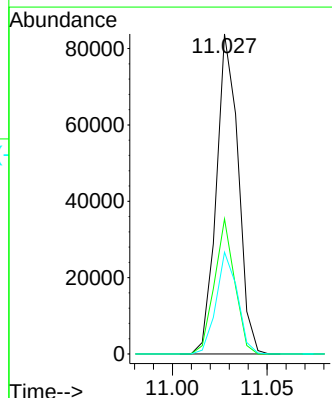
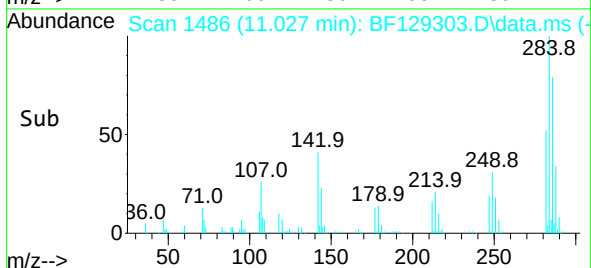
Reviewed By :Christian Giraldo 07/22/2022
Supervised By :Jagrut Upadhyay 07/22/2022

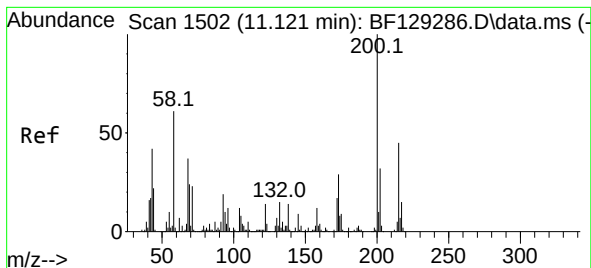


#68
Hexachlorobenzene
Concen: 10.711 ng
RT: 11.027 min Scan# 1486
Delta R.T. -0.012 min
Lab File: BF129303.D
Acq: 21 Jul 2022 18:51



Tgt Ion:284 Resp: 67274
Ion Ratio Lower Upper
284 100
142 42.2 29.0 43.4
249 31.8 25.0 37.6





#69

Atrazine

Concen: 11.361 ng

RT: 11.110 min Scan# 1510

Delta R.T. -0.012 min

Lab File: BF129303.D

Acq: 21 Jul 2022 18:51

Instrument :

BNA_F

ClientSampleId :

LOQ-WATER-02-QT2-2022

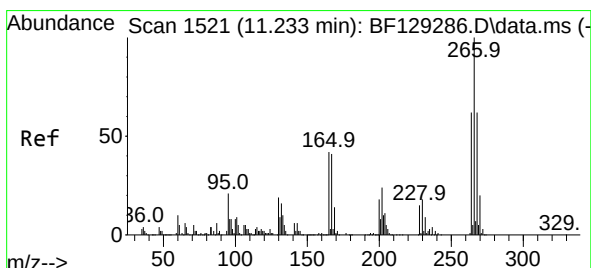
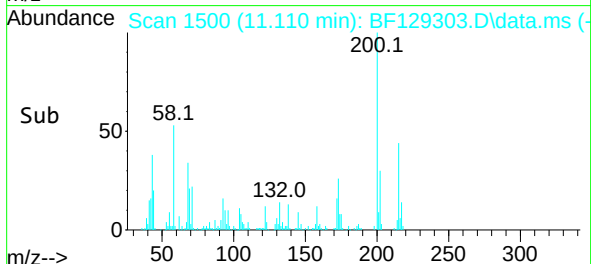
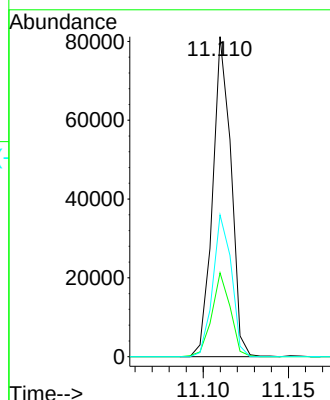
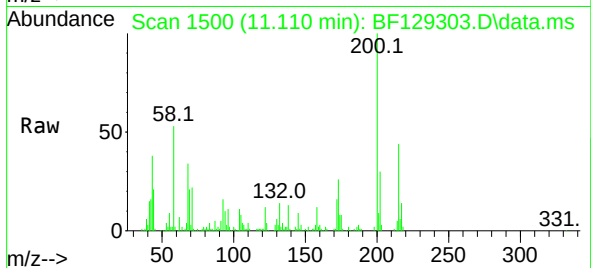
Tgt Ion:200 Resp: 61010
 Ion Ratio Lower Upper
 200 100
 173 26.2 6.3 46.3
 215 44.3 28.3 68.3

Manual Integrations

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Reviewed By :Christian Giraldo 07/22/2022

Supervised By :Jagrut Upadhyay 07/22/2022



#70

Pentachlorophenol

Concen: 9.105 ng

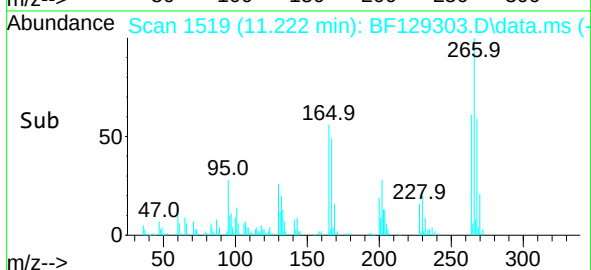
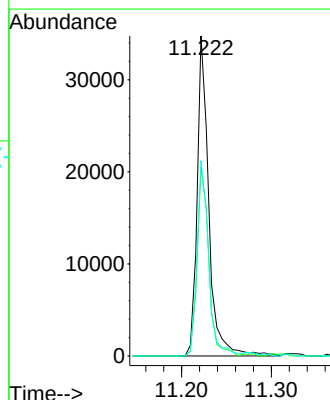
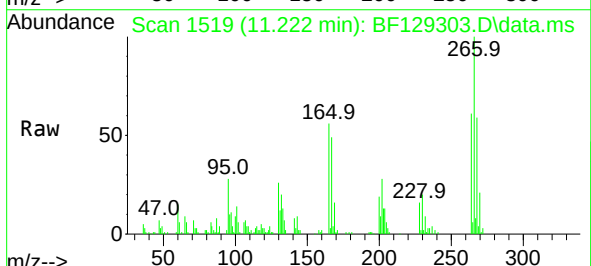
RT: 11.222 min Scan# 1519

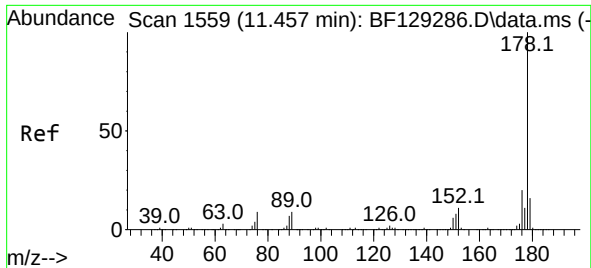
Delta R.T. -0.012 min

Lab File: BF129303.D

Acq: 21 Jul 2022 18:51

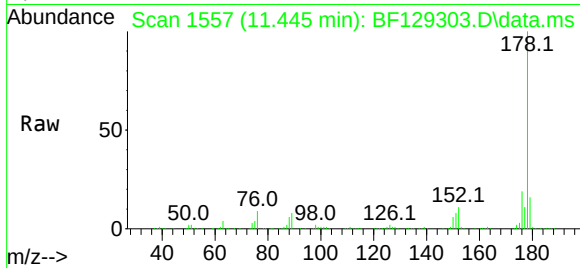
Tgt Ion:266 Resp: 31441
 Ion Ratio Lower Upper
 266 100
 268 59.1 51.0 76.4
 264 61.0 49.4 74.2





#71
Phenanthrene
Concen: 10.652 ng
RT: 11.445 min Scan# 1557
Delta R.T. -0.012 min
Lab File: BF129303.D
Acq: 21 Jul 2022 18:51

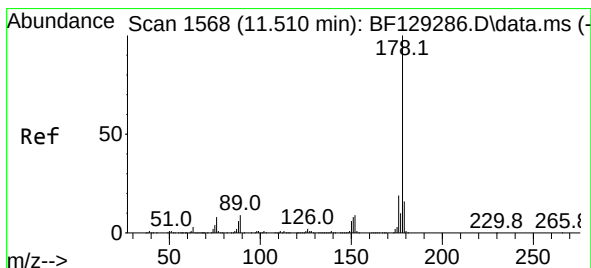
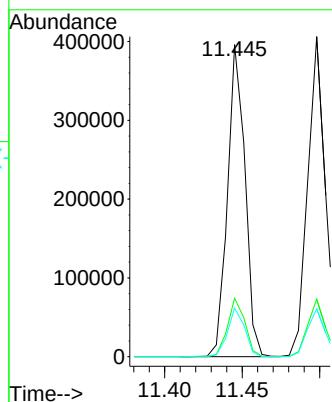
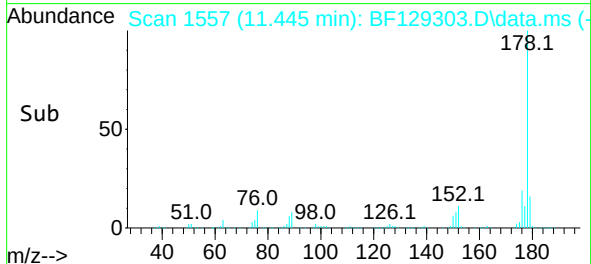
Instrument : BNA_F
ClientSampleId :
LOQ-WATER-02-QT2-2022



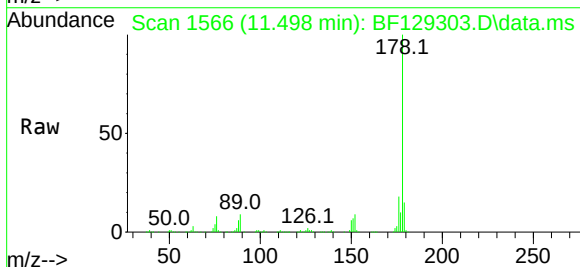
Tgt Ion:178 Resp: 31074
Ion Ratio Lower Upper
178 100
176 18.7 16.0 24.0
179 15.5 12.6 19.0

Manual Integrations
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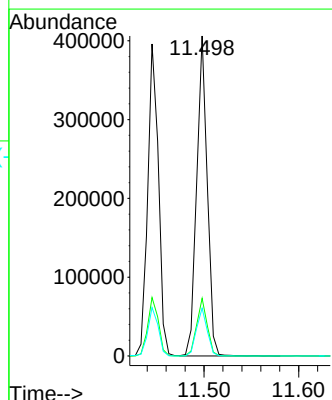
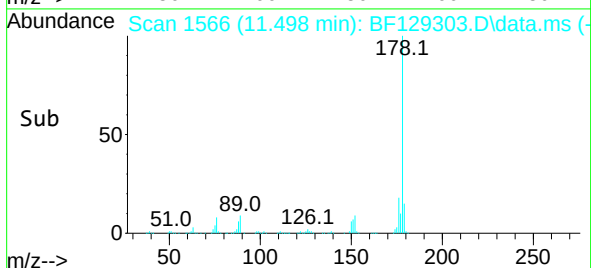
Reviewed By :Christian Giraldo 07/22/2022
Supervised By :Jagrut Upadhyay 07/22/2022

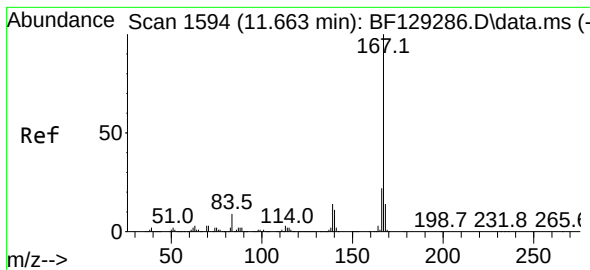


#72
Anthracene
Concen: 10.960 ng
RT: 11.498 min Scan# 1566
Delta R.T. -0.012 min
Lab File: BF129303.D
Acq: 21 Jul 2022 18:51



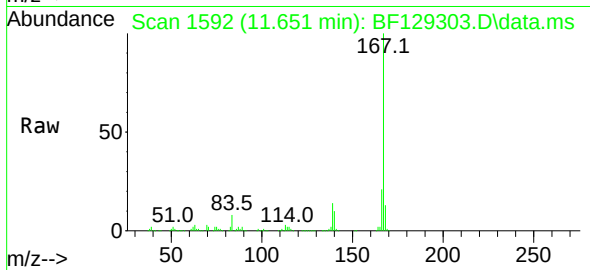
Tgt Ion:178 Resp: 316814
Ion Ratio Lower Upper
178 100
176 18.0 15.4 23.2
179 15.0 12.6 19.0





#73
 Carbazole
 Concen: 10.797 ng
 RT: 11.651 min Scan# 1592
 Delta R.T. -0.012 min
 Lab File: BF129303.D
 Acq: 21 Jul 2022 18:51

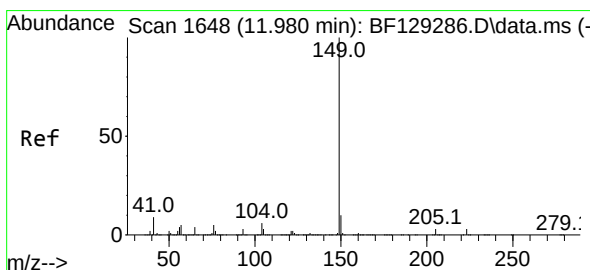
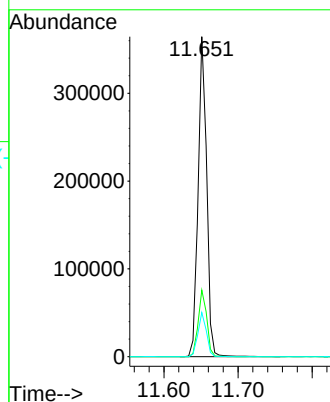
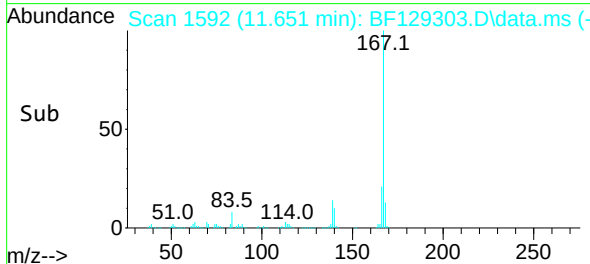
Instrument : BNA_F
 ClientSampleId :
 LOQ-WATER-02-QT2-2022



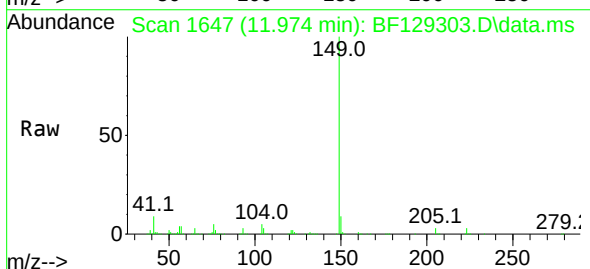
Tgt Ion:167 Resp: 291114
 Ion Ratio Lower Upper
 167 100
 166 20.8 17.7 26.5
 139 13.8 11.2 16.8

Manual Integrations
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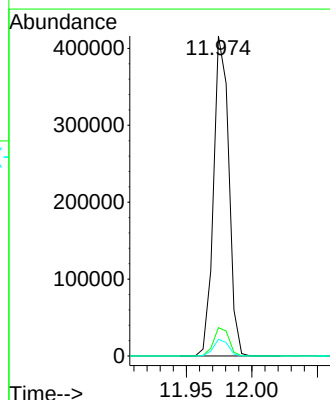
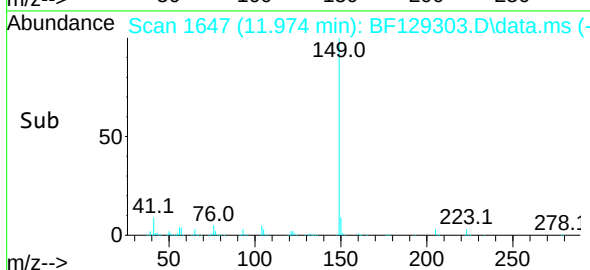
Reviewed By :Christian Giraldo 07/22/2022
 Supervised By :Jagrut Upadhyay 07/22/2022

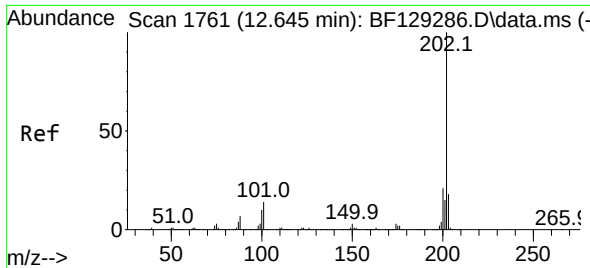


#74
 Di-n-butylphthalate
 Concen: 10.814 ng
 RT: 11.974 min Scan# 1647
 Delta R.T. -0.006 min
 Lab File: BF129303.D
 Acq: 21 Jul 2022 18:51



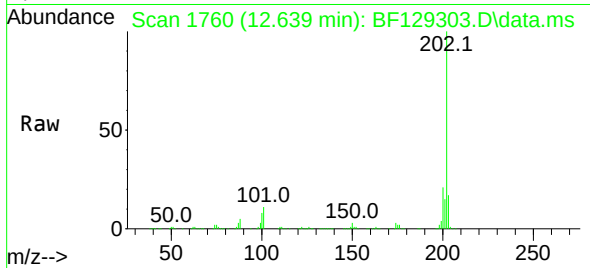
Tgt Ion:149 Resp: 336898
 Ion Ratio Lower Upper
 149 100
 150 8.9 7.5 11.3
 104 5.2 4.4 6.6





#75
Fluoranthene
Concen: 10.696 ng
RT: 12.639 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF129303.D
Acq: 21 Jul 2022 18:51

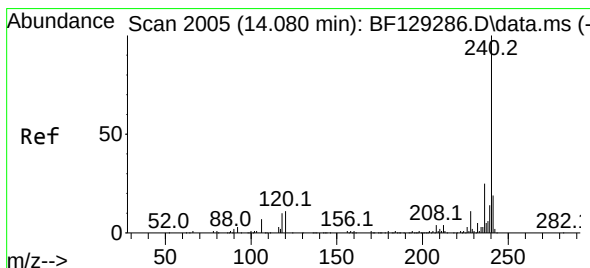
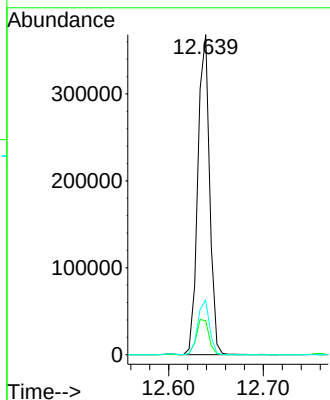
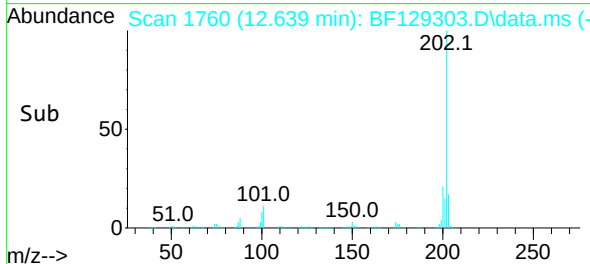
Instrument :
BNA_F
ClientSampleId :
LOQ-WATER-02-QT2-2022



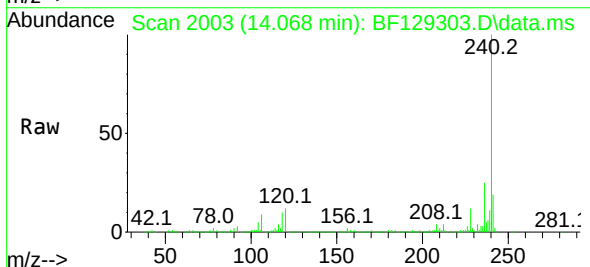
Tgt Ion:202 Resp: 317994
Ion Ratio Lower Upper
202 100
101 10.6 0.0 31.4
203 17.0 0.0 38.0

Manual Integrations
APPROVED

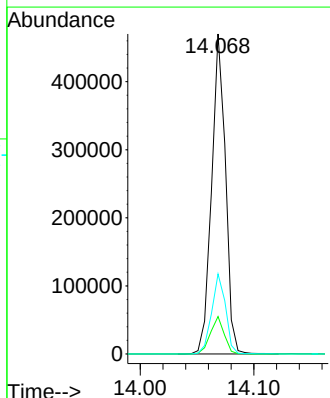
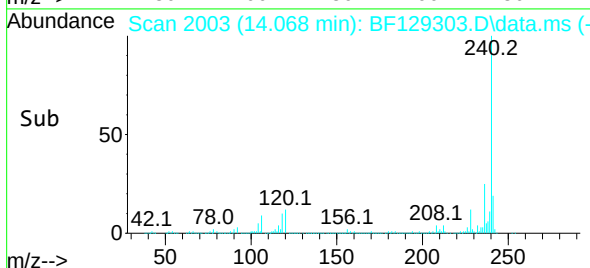
Reviewed By :Christian Giraldo 07/22/2022
Supervised By :Jagrut Upadhyay 07/22/2022

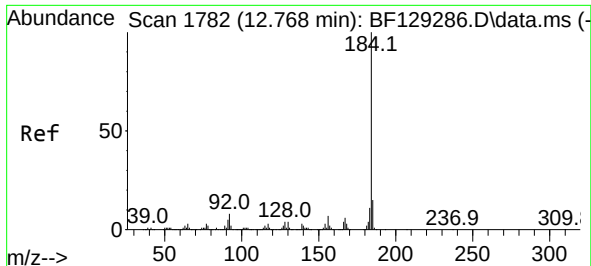


#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.068 min Scan# 2003
Delta R.T. -0.012 min
Lab File: BF129303.D
Acq: 21 Jul 2022 18:51



Tgt Ion:240 Resp: 398427
Ion Ratio Lower Upper
240 100
120 11.7 8.9 13.3
236 25.0 20.8 31.2





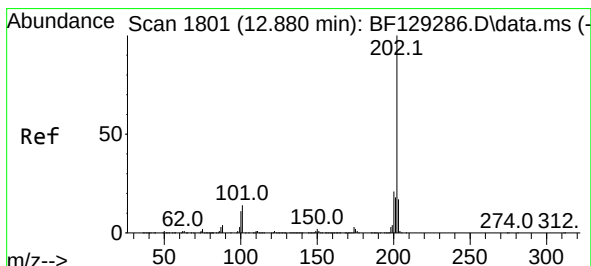
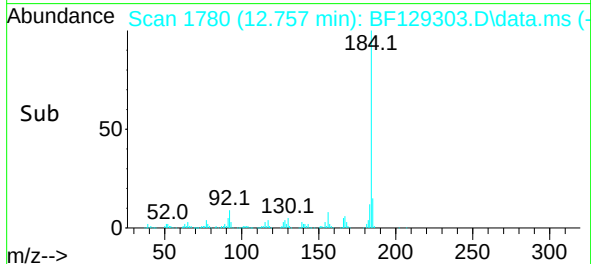
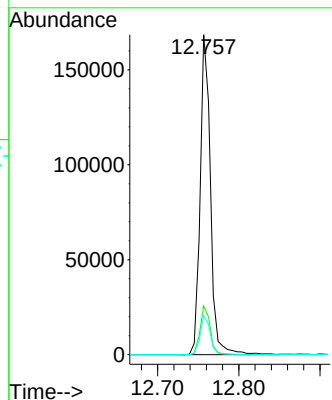
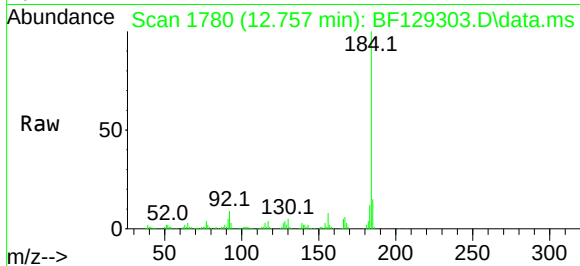
#77
Benzidine
Concen: 9.390 ng
RT: 12.757 min Scan# 1798
Delta R.T. -0.012 min
Lab File: BF129303.D
Acq: 21 Jul 2022 18:51

Instrument : BNA_F
ClientSampleId :
LOQ-WATER-02-QT2-2022

Tgt Ion:184 Resp: 149088
Ion Ratio Lower Upper
184 100
185 15.2 11.9 17.9
183 12.2 9.3 13.9

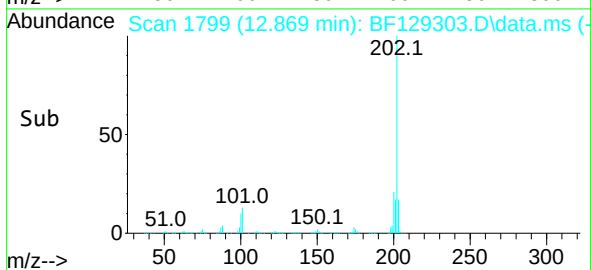
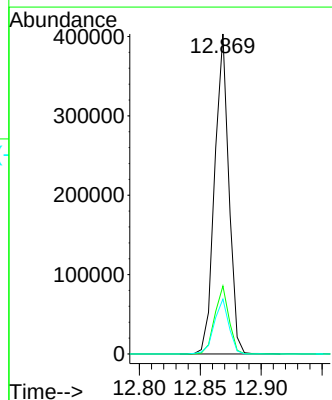
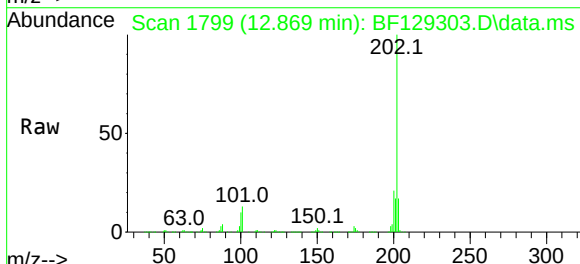
Manual Integrations
APPROVED

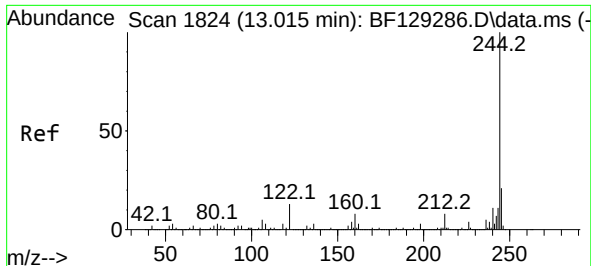
Reviewed By :Christian Giraldo 07/22/2022
Supervised By :Jagrut Upadhyay 07/22/2022



#78
Pyrene
Concen: 9.548 ng
RT: 12.869 min Scan# 1799
Delta R.T. -0.012 min
Lab File: BF129303.D
Acq: 21 Jul 2022 18:51

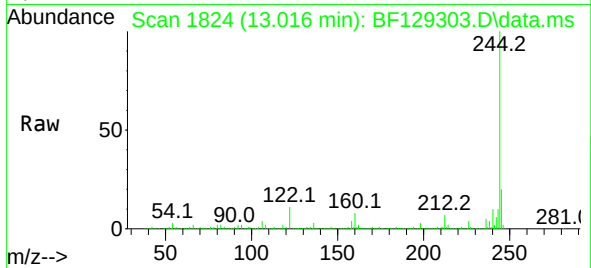
Tgt Ion:202 Resp: 325366
Ion Ratio Lower Upper
202 100
200 21.3 17.7 26.5
203 17.2 14.6 21.8





#79
 Terphenyl-d14
 Concen: 87.453 ng
 RT: 13.016 min Scan# 11
 Delta R.T. 0.000 min
 Lab File: BF129303.D
 Acq: 21 Jul 2022 18:51

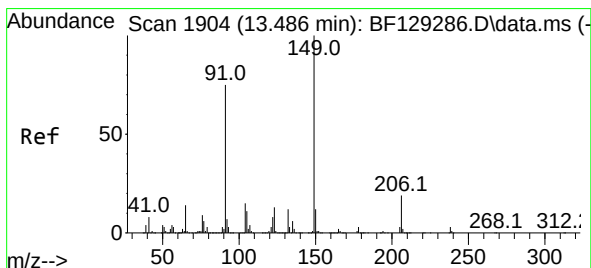
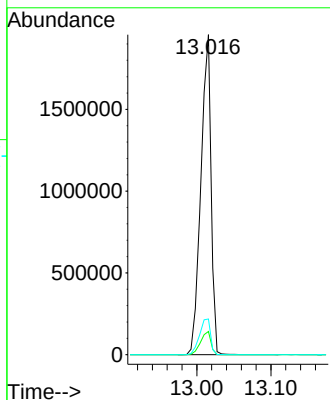
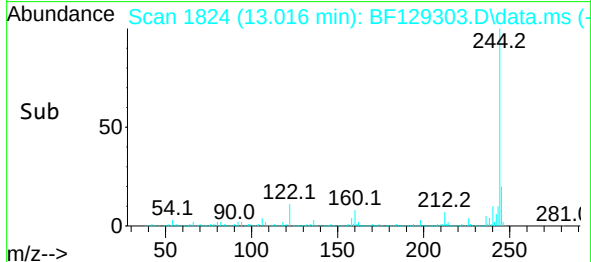
Instrument :
 BNA_F
 ClientSampleId :
 LOQ-WATER-02-QT2-2022



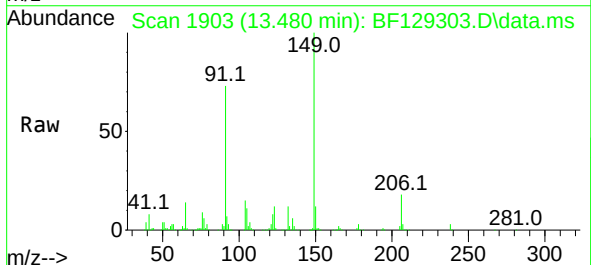
Tgt Ion:244 Resp: 1870859
 Ion Ratio Lower Upper
 244 100
 212 7.3 6.1 9.1
 122 11.2 8.8 13.2

Manual Integrations
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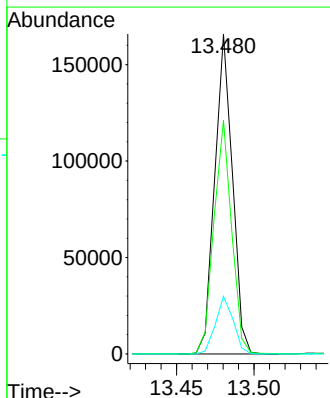
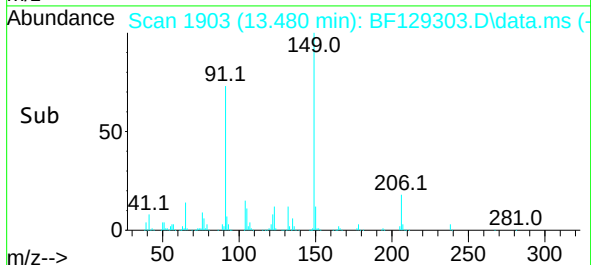
Reviewed By :Christian Giraldo 07/22/2022
 Supervised By :Jagrut Upadhyay 07/22/2022

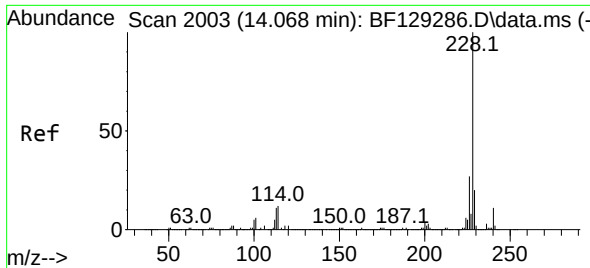


#80
 Butylbenzylphthalate
 Concen: 9.484 ng
 RT: 13.480 min Scan# 1903
 Delta R.T. -0.006 min
 Lab File: BF129303.D
 Acq: 21 Jul 2022 18:51



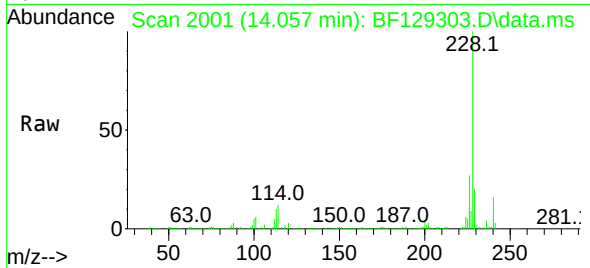
Tgt Ion:149 Resp: 131877
 Ion Ratio Lower Upper
 149 100
 91 73.1 61.2 91.8
 206 18.0 15.7 23.5





#81
Benzo(a)anthracene
Concen: 9.933 ng
RT: 14.057 min Scan# 2003
Delta R.T. -0.012 min
Lab File: BF129303.D
Acq: 21 Jul 2022 18:51

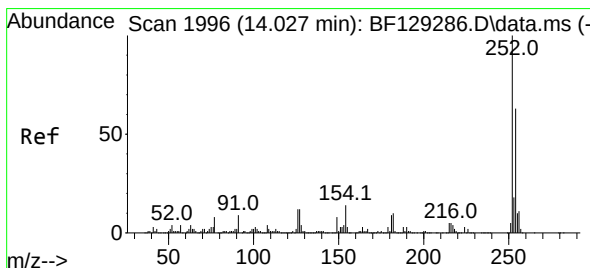
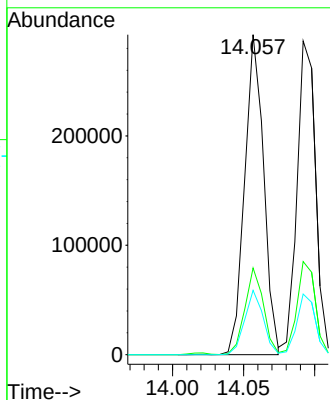
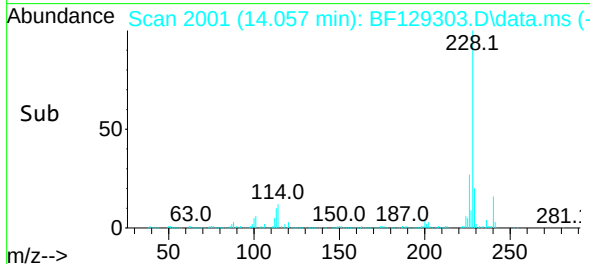
Instrument : BNA_F
ClientSampleId :
LOQ-WATER-02-QT2-2022



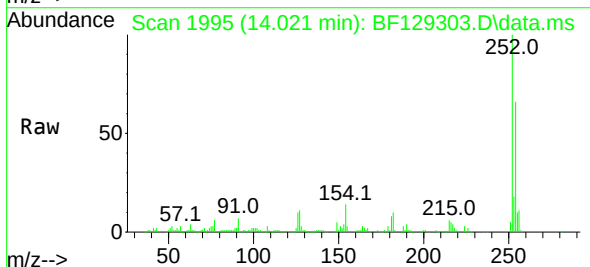
Tgt Ion:228 Resp: 272518
Ion Ratio Lower Upper
228 100
226 27.1 22.1 33.1
229 20.1 15.8 23.8

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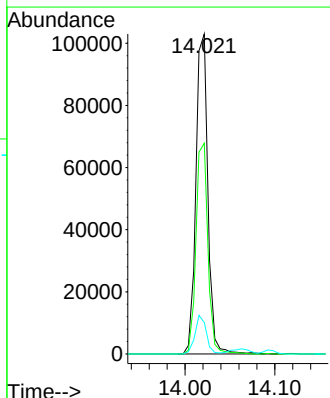
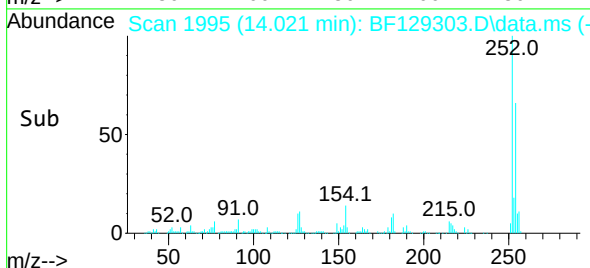
Reviewed By :Christian Giraldo 07/22/2022
Supervised By :Jagrut Upadhyay 07/22/2022

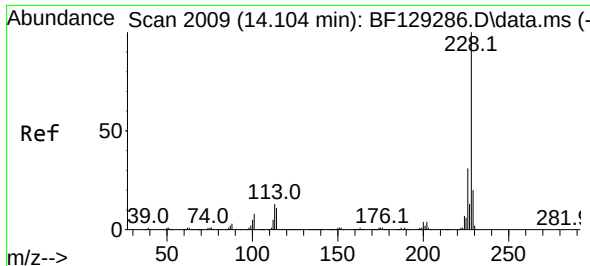


#82
3,3'-Dichlorobenzidine
Concen: 10.622 ng
RT: 14.021 min Scan# 1995
Delta R.T. -0.006 min
Lab File: BF129303.D
Acq: 21 Jul 2022 18:51



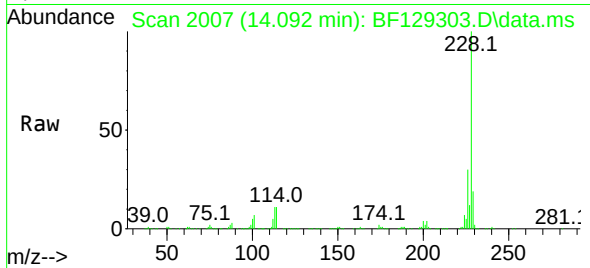
Tgt Ion:252 Resp: 95659
Ion Ratio Lower Upper
252 100
254 65.8 50.2 75.4
126 9.8 8.2 12.4





#83
Chrysene
Concen: 10.026 ng
RT: 14.092 min Scan# 2009
Delta R.T. -0.012 min
Lab File: BF129303.D
Acq: 21 Jul 2022 18:51

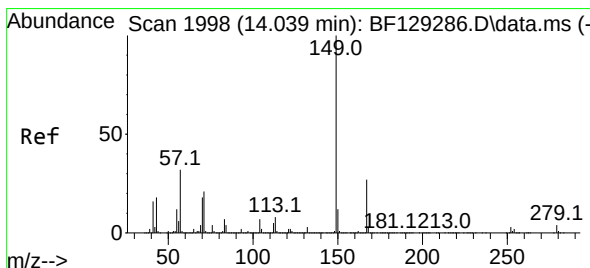
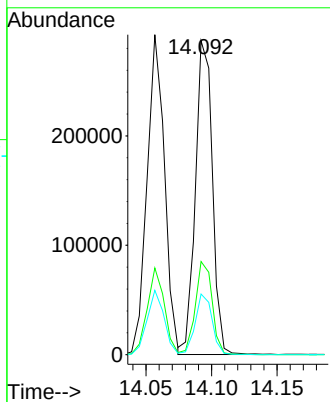
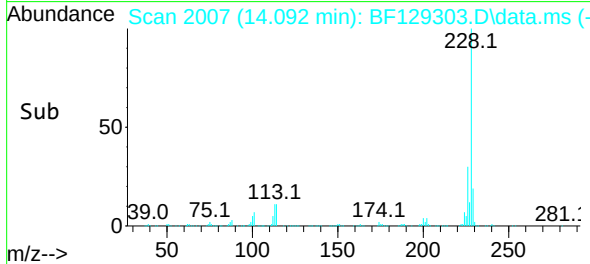
Instrument : BNA_F
ClientSampleId :
LOQ-WATER-02-QT2-2022



Tgt Ion:228 Resp: 259620
Ion Ratio Lower Upper
228 100
226 29.7 24.3 36.5
229 19.3 15.9 23.9

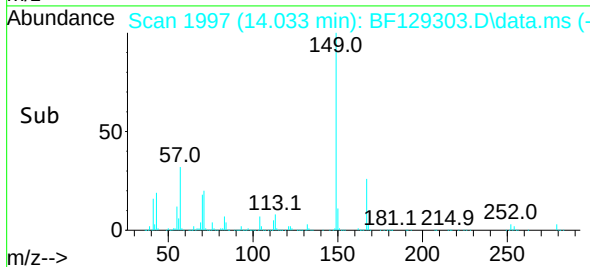
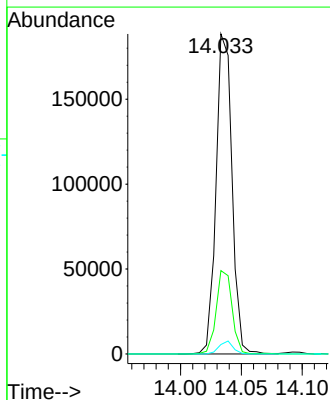
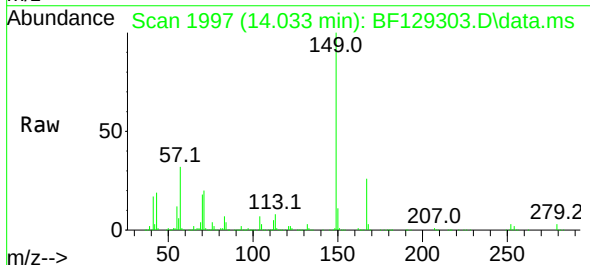
Manual Integrations
APPROVED

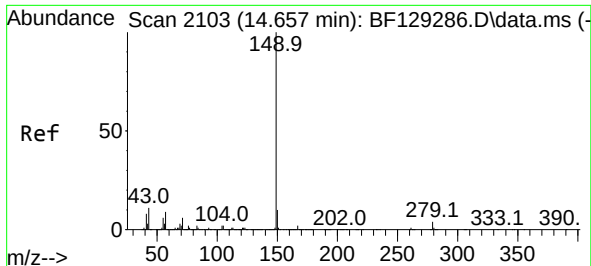
Reviewed By :Christian Giraldo 07/22/2022
Supervised By :Jagrut Upadhyay 07/22/2022



#84
Bis(2-ethylhexyl)phthalate
Concen: 10.072 ng
RT: 14.033 min Scan# 1997
Delta R.T. -0.006 min
Lab File: BF129303.D
Acq: 21 Jul 2022 18:51

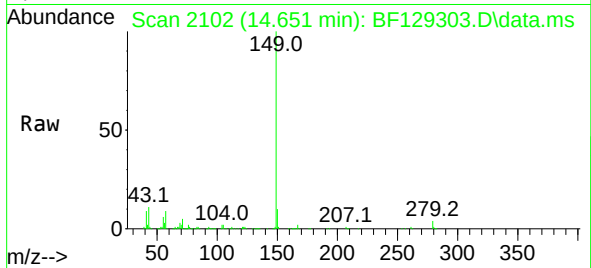
Tgt Ion:149 Resp: 171996
Ion Ratio Lower Upper
149 100
167 26.1 21.0 31.4
279 3.0 3.1 4.7#





#85
Di-n-octyl phthalate
Concen: 9.810 ng
RT: 14.651 min Scan# 2103
Delta R.T. -0.006 min
Lab File: BF129303.D
Acq: 21 Jul 2022 18:51

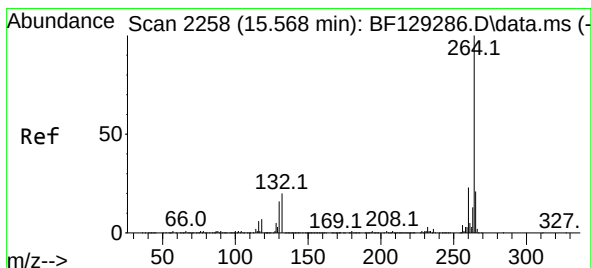
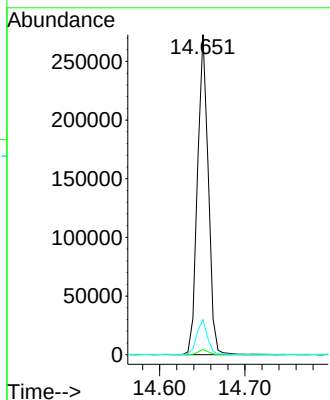
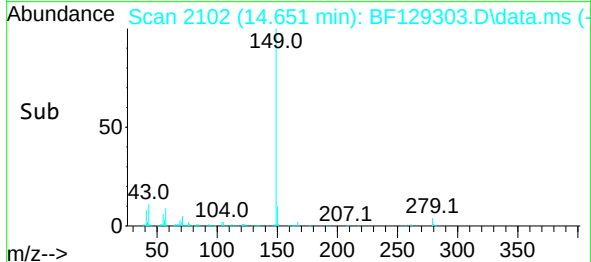
Instrument : BNA_F
ClientSampleId :
LOQ-WATER-02-QT2-2022



Tgt Ion:149 Resp: 23974
Ion Ratio Lower Upper
149 100
167 1.5 1.3 1.9
43 10.9 9.2 13.8

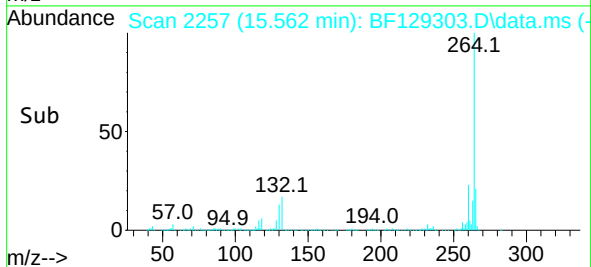
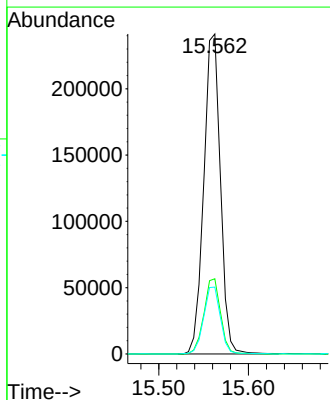
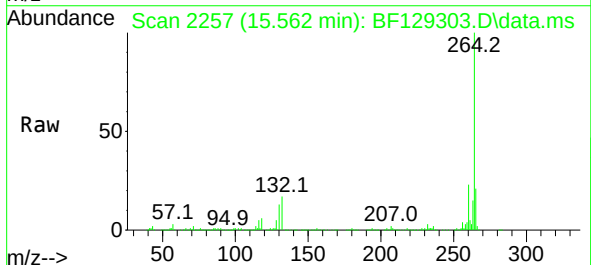
Manual Integrations
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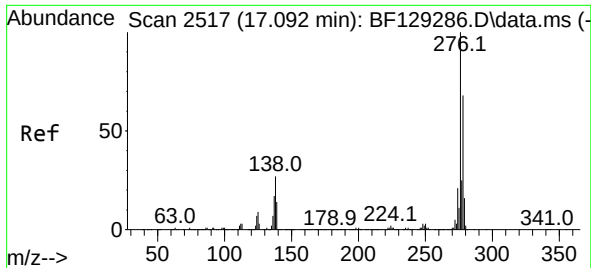
Reviewed By :Christian Giraldo 07/22/2022
Supervised By :Jagrut Upadhyay 07/22/2022



#86
Perylene-d12
Concen: 20.000 ng
RT: 15.562 min Scan# 2257
Delta R.T. -0.006 min
Lab File: BF129303.D
Acq: 21 Jul 2022 18:51

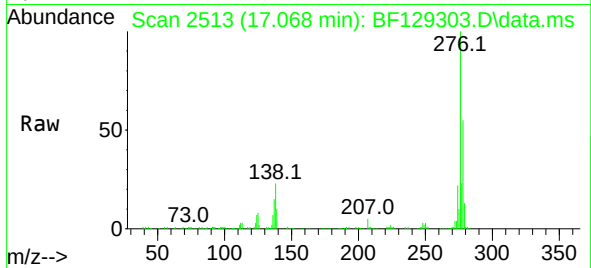
Tgt Ion:264 Resp: 311030
Ion Ratio Lower Upper
264 100
260 23.5 18.4 27.6
265 20.9 17.2 25.8





#87
Indeno(1,2,3-cd)pyrene
Concen: 8.196 ng
RT: 17.068 min Scan# 2113
Delta R.T. -0.023 min
Lab File: BF129303.D
Acq: 21 Jul 2022 18:51

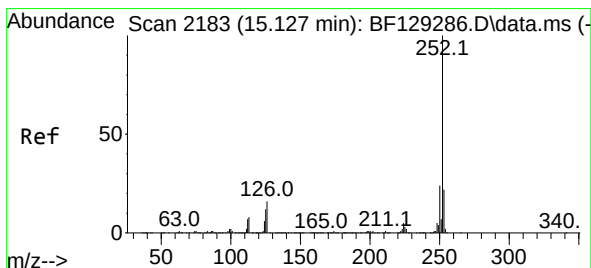
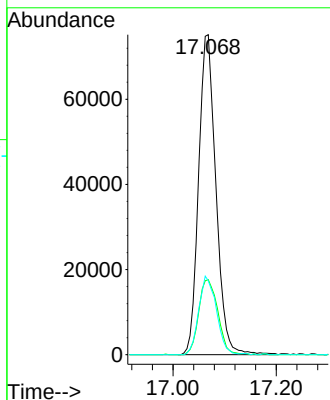
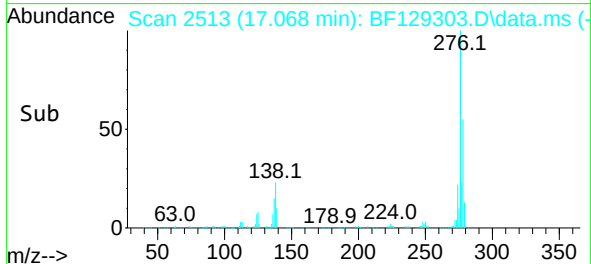
Instrument : BNA_F
ClientSampleId : LOQ-WATER-02-QT2-2022



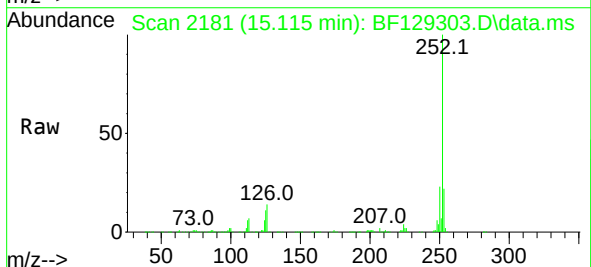
Tgt Ion:276 Resp: 174748
Ion Ratio Lower Upper
276 100
138 26.0 21.1 31.7
277 25.0 20.3 30.5

Manual Integrations
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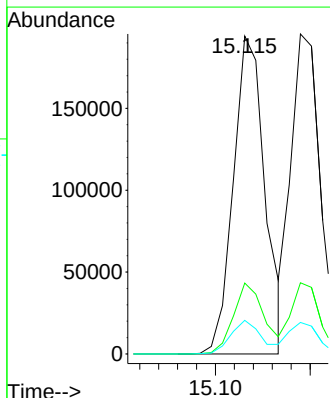
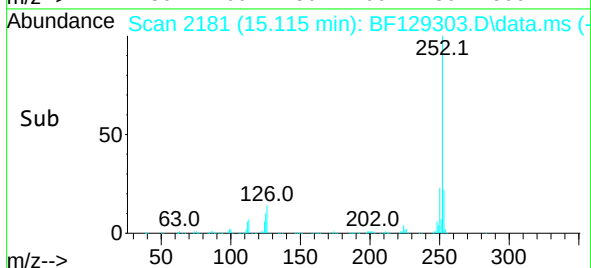
Reviewed By :Christian Giraldo 07/22/2022
Supervised By :Jagrut Upadhyay 07/22/2022

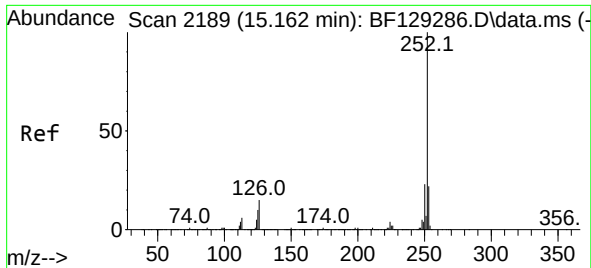


#88
Benzo(b)fluoranthene
Concen: 10.920 ng
RT: 15.115 min Scan# 2181
Delta R.T. -0.012 min
Lab File: BF129303.D
Acq: 21 Jul 2022 18:51



Tgt Ion:252 Resp: 226052
Ion Ratio Lower Upper
252 100
253 22.3 17.7 26.5
125 10.6 8.0 12.0





#89

Benzo(k)fluoranthene

Concen: 10.548 ng

RT: 15.145 min Scan# 2189

Delta R.T. -0.018 min

Lab File: BF129303.D

Acq: 21 Jul 2022 18:51

Instrument :

BNA_F

ClientSampleId :

LOQ-WATER-02-QT2-2022

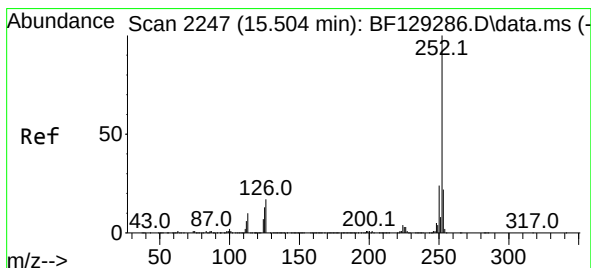
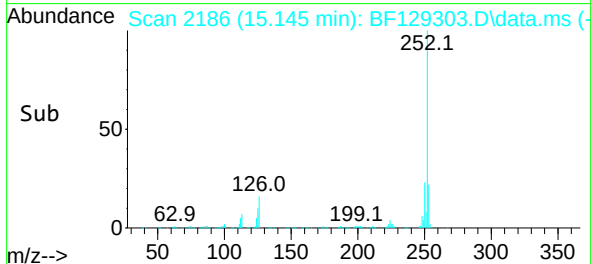
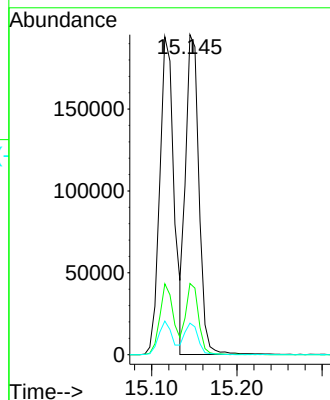
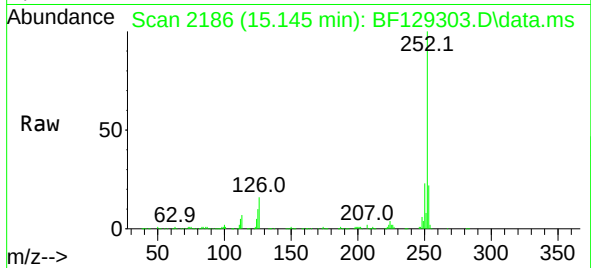
Tgt Ion:252 Resp: 212018
 Ion Ratio Lower Upper
 252 100
 253 22.2 17.8 26.6
 125 9.8 8.3 12.5

Manual Integrations

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Reviewed By :Christian Giraldo 07/22/2022

Supervised By :Jagrut Upadhyay 07/22/2022



#90

Benzo(a)pyrene

Concen: 11.796 ng

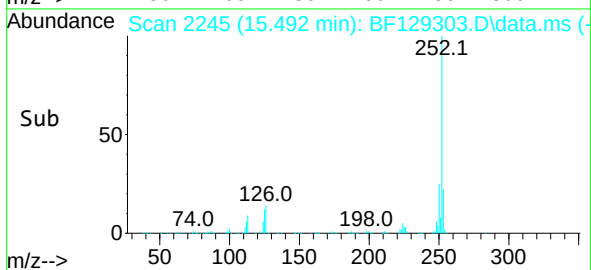
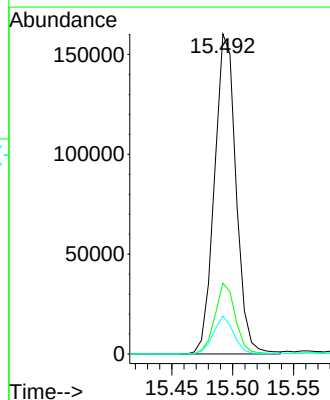
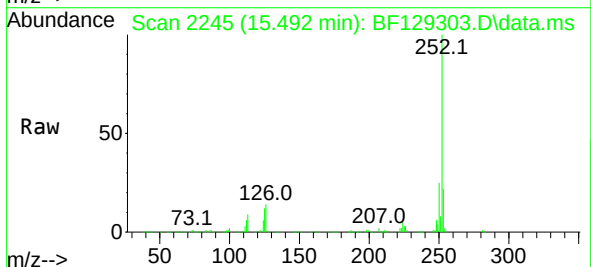
RT: 15.492 min Scan# 2245

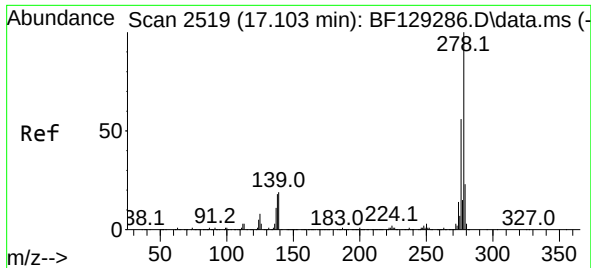
Delta R.T. -0.012 min

Lab File: BF129303.D

Acq: 21 Jul 2022 18:51

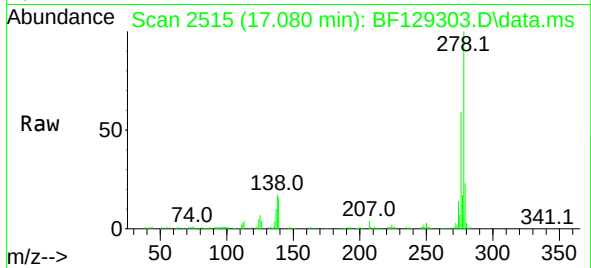
Tgt Ion:252 Resp: 197585
 Ion Ratio Lower Upper
 252 100
 253 22.1 17.0 25.6
 125 11.9 8.8 13.2





#91
Dibenzo(a,h)anthracene
Concen: 8.755 ng
RT: 17.080 min Scan# 2515
Delta R.T. -0.023 min
Lab File: BF129303.D
Acq: 21 Jul 2022 18:51

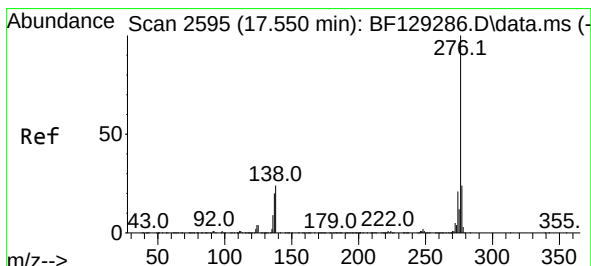
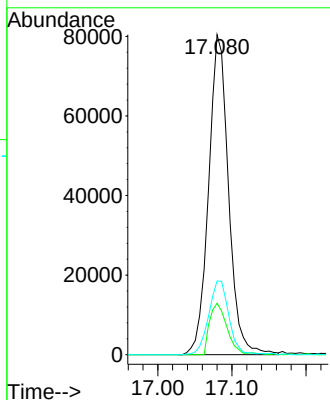
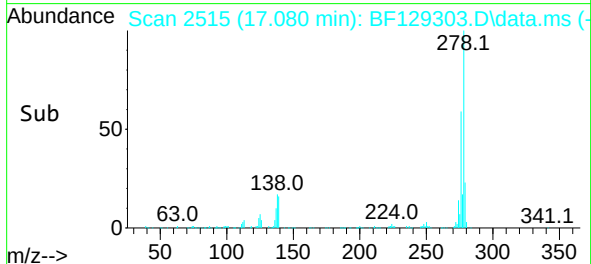
Instrument : BNA_F
ClientSampleId :
LOQ-WATER-02-QT2-2022



Tgt Ion:278 Resp: 150469
Ion Ratio Lower Upper
278 100
139 16.1 12.8 19.2
279 23.1 18.6 28.0

Manual Integrations
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Reviewed By :Christian Giraldo 07/22/2022
Supervised By :Jagrut Upadhyay 07/22/2022



#92
Benzo(g,h,i)perylene
Concen: 8.345 ng
RT: 17.521 min Scan# 2590
Delta R.T. -0.029 min
Lab File: BF129303.D
Acq: 21 Jul 2022 18:51

Tgt Ion:276 Resp: 149031
Ion Ratio Lower Upper
276 100
277 25.3 19.1 28.7
138 21.3 18.0 27.0

