

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF072122\
 Data File : BF129302.D
 Acq On : 21 Jul 2022 18:17
 Operator : CG\JU
 Sample : N3214-08
 Misc : LOQ-WATER 5ppm
 ALS Vial : 11 Sample Multiplier: 1

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

Quant Time: Jul 21 19:14:08 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	6.893	152	195448	20.000	ng	0.00
21) Naphthalene-d8	8.175	136	754754	20.000	ng	0.00
39) Acenaphthene-d10	9.934	164	401064	20.000	ng	0.00
64) Phenanthrene-d10	11.422	188	694520	20.000	ng	# 0.00
76) Chrysene-d12	14.069	240	510868	20.000	ng	-0.01
86) Perylene-d12	15.563	264	392349	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.510	112	1086112	90.637	ng	0.00
7) Phenol-d6	6.522	99	1403655	91.889	ng	0.00
23) Nitrobenzene-d5	7.457	82	963925	68.709	ng	0.00
42) 2,4,6-Tribromophenol	10.728	330	409478	105.824	ng	0.00
45) 2-Fluorobiphenyl	9.251	172	1669537	64.038	ng	0.00
79) Terphenyl-d14	13.016	244	1804248	65.776	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	2.687	88	21723	4.088	ng	90
3) Pyridine	3.581	79	51322m	3.498	ng	
4) n-Nitrosodimethylamine	3.416	42	29579	4.491	ng	92
6) Aniline	6.557	93	92724	4.933	ng	98
8) 2-Chlorophenol	6.681	128	59747	4.548	ng	94
9) Benzaldehyde	6.446	77	51680	4.932	ng	96
10) Phenol	6.534	94	71340	4.444	ng	98
11) bis(2-Chloroethyl)ether	6.628	93	57707	4.541	ng	92
12) 1,3-Dichlorobenzene	6.834	146	66537	4.700	ng	99
13) 1,4-Dichlorobenzene	6.910	146	66763	4.660	ng	99
14) 1,2-Dichlorobenzene	7.063	146	61524	4.648	ng	97
15) Benzyl Alcohol	7.028	79	66553	6.005	ng	97
16) 2,2'-oxybis(1-Chloropr...	7.163	45	83977	4.335	ng	93
17) 2-Methylphenol	7.134	107	47772	4.462	ng	97
18) Hexachloroethane	7.404	117	25194	4.687	ng	87
19) n-Nitroso-di-n-propyla...	7.293	70	45127	4.958	ng	99
20) 3+4-Methylphenols	7.287	107	63115	4.520	ng	# 86
22) Acetophenone	7.298	105	90771	5.122	ng	98
24) Nitrobenzene	7.475	77	69424	4.805	ng	98
25) Isophorone	7.704	82	120166	4.879	ng	98
26) 2-Nitrophenol	7.787	139	31269	4.485	ng	98
27) 2,4-Dimethylphenol	7.822	122	54436m	5.190	ng	
28) bis(2-Chloroethoxy)met...	7.916	93	71835	5.034	ng	97
29) 2,4-Dichlorophenol	8.028	162	48774	4.471	ng	98
30) 1,2,4-Trichlorobenzene	8.116	180	53867	4.751	ng	96
31) Naphthalene	8.198	128	182112	4.705	ng	99
32) Benzoic acid	7.893	122	40141	5.236	ng	97
33) 4-Chloroaniline	8.245	127	74654	4.728	ng	96
34) Hexachlorobutadiene	8.310	225	31205	4.815	ng	98
35) Caprolactam	8.581	113	15197	4.368	ng	92
36) 4-Chloro-3-methylphenol	8.716	107	53951	4.655	ng	95
37) 2-Methylnaphthalene	8.887	142	117778	4.695	ng	99
38) 1-Methylnaphthalene	8.987	142	113767	4.688	ng	100
40) 1,2,4,5-Tetrachloroben...	9.051	216	51393	4.881	ng	98
41) Hexachlorocyclopentadiene	9.039	237	21278	4.585	ng	97
43) 2,4,6-Trichlorophenol	9.163	196	34341	4.463	ng	99

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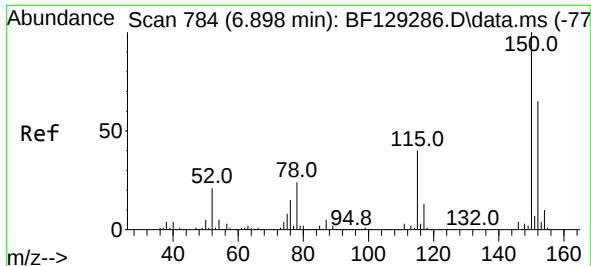
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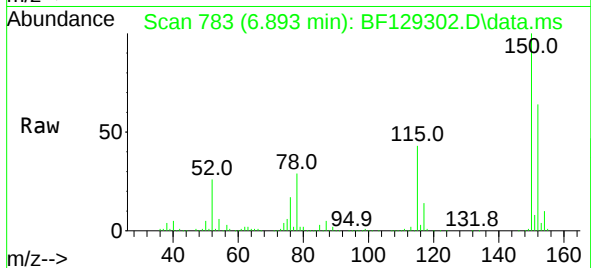
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.204	196	36222	4.339	ng	94
46) 1,1'-Biphenyl	9.351	154	148416	5.008	ng	97
47) 2-Chloronaphthalene	9.381	162	112204	4.727	ng	97
48) 2-Nitroaniline	9.469	65	36796	4.615	ng	100
49) Acenaphthylene	9.792	152	184597	5.064	ng	97
50) Dimethylphthalate	9.645	163	133074	4.830	ng	99
51) 2,6-Dinitrotoluene	9.710	165	28856	4.677	ng	97
52) Acenaphthene	9.963	154	116459	4.923	ng	98
53) 3-Nitroaniline	9.881	138	31202	4.250	ng	96
54) 2,4-Dinitrophenol	9.986	184	20222	6.477	ng	96
55) Dibenzofuran	10.139	168	160895	4.894	ng	97
56) 4-Nitrophenol	10.034	139	21903	4.086	ng	94
57) 2,4-Dinitrotoluene	10.116	165	38044	4.704	ng	88
58) Fluorene	10.481	166	129473	4.934	ng	100
59) 2,3,4,6-Tetrachlorophenol	10.251	232	27932m	4.341	ng	
60) Diethylphthalate	10.345	149	129867	4.899	ng	97
61) 4-Chlorophenyl-phenyle...	10.469	204	58498	5.096	ng	# 89
62) 4-Nitroaniline	10.486	138	31892	4.398	ng	96
63) Azobenzene	10.634	77	127291	4.641	ng	95
65) 4,6-Dinitro-2-methylph...	10.522	198	16839	3.942	ng	96
66) n-Nitrosodiphenylamine	10.586	169	109211	4.756	ng	97
67) 4-Bromophenyl-phenylether	10.963	248	35755	4.771	ng	94
68) Hexachlorobenzene	11.028	284	40127	4.889	ng	96
69) Atrazine	11.110	200	34609	4.932	ng	96
70) Pentachlorophenol	11.222	266	16799	3.723	ng	96
71) Phenanthrene	11.445	178	183184	4.805	ng	99
72) Anthracene	11.498	178	185545	4.912	ng	99
73) Carbazole	11.651	167	172789	4.904	ng	98
74) Di-n-butylphthalate	11.975	149	198187	4.868	ng	99
75) Fluoranthene	12.639	202	189250	4.871	ng	99
77) Benzidine	12.757	184	139170	6.836	ng	100
78) Pyrene	12.869	202	195017	4.463	ng	97
80) Butylbenzylphthalate	13.480	149	73904	4.145	ng	94
81) Benzo(a)anthracene	14.057	228	160613	4.566	ng	98
82) 3,3'-Dichlorobenzidine	14.016	252	53257	4.612	ng	# 95
83) Chrysene	14.092	228	150919	4.545	ng	99
84) Bis(2-ethylhexyl)phtha...	14.033	149	93414	4.266	ng	99
85) Di-n-octyl phthalate	14.651	149	125772	4.014	ng	98
87) Indeno(1,2,3-cd)pyrene	17.063	276	100131	3.723	ng	100
88) Benzo(b)fluoranthene	15.116	252	129941	4.976	ng	99
89) Benzo(k)fluoranthene	15.145	252	118846	4.687	ng	99
90) Benzo(a)pyrene	15.492	252	111406	5.273	ng	100
91) Dibenzo(a,h)anthracene	17.080	278	87583	4.040	ng	97
92) Benzo(g,h,i)perylene	17.521	276	87648	3.891	ng	98

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



#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.893 min Scan# 71
Delta R.T. -0.005 min
Lab File: BF129302.D
Acq: 21 Jul 2022 18:17

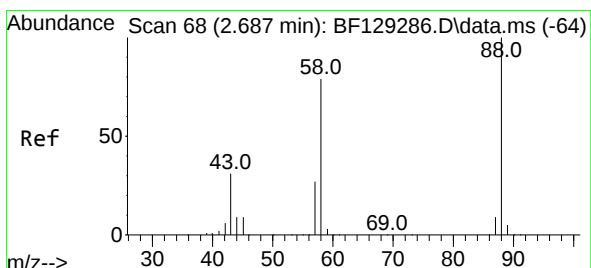
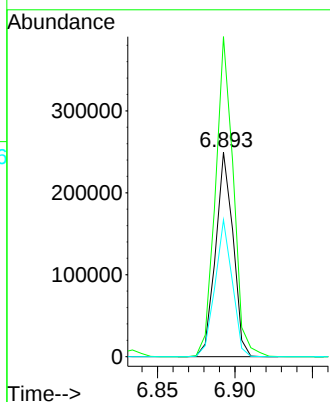
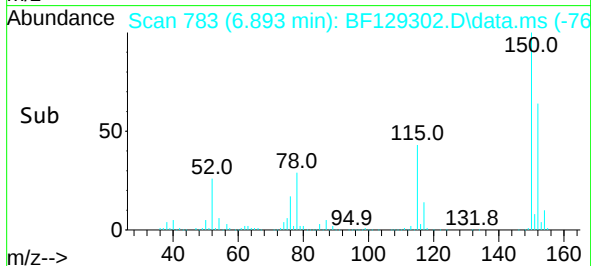
Instrument : BNA_F
ClientSampleId : LOQ-WATER-02-QT2-2022



Tgt Ion:152 Resp: 195448
Ion Ratio Lower Upper
152 100
150 156.5 123.7 185.5
115 66.9 49.9 74.9

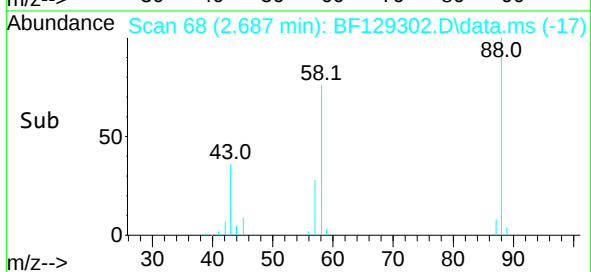
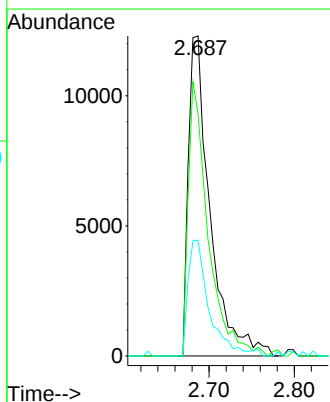
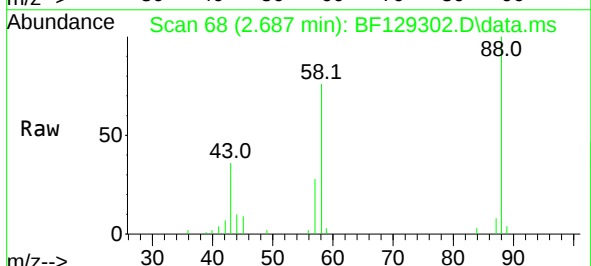
Manual Integrations
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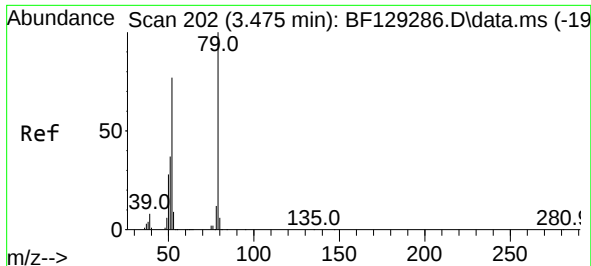
Reviewed By :Christian Giraldo 07/22/2022
Supervised By :Jagrut Upadhyay 07/22/2022



#2
1,4-Dioxane
Concen: 4.088 ng
RT: 2.687 min Scan# 68
Delta R.T. 0.000 min
Lab File: BF129302.D
Acq: 21 Jul 2022 18:17

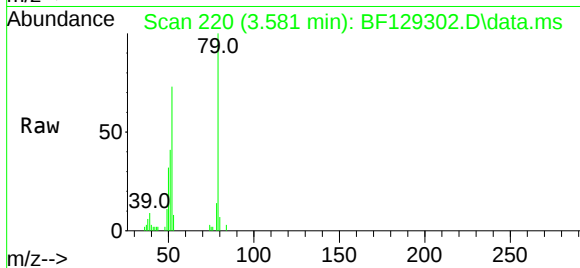
Tgt Ion: 88 Resp: 21723
Ion Ratio Lower Upper
88 100
58 78.0 71.8 107.8
43 35.2 26.6 39.8





#3
Pyridine
Concen: 3.498 ng m
RT: 3.581 min Scan# 21
Delta R.T. 0.106 min
Lab File: BF129302.D
Acq: 21 Jul 2022 18:17

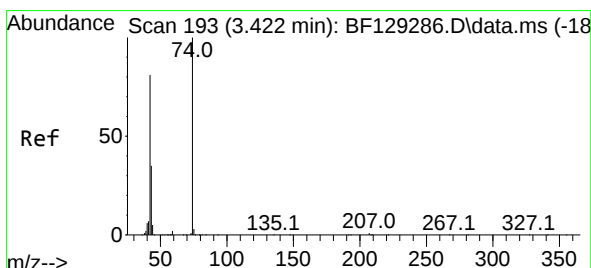
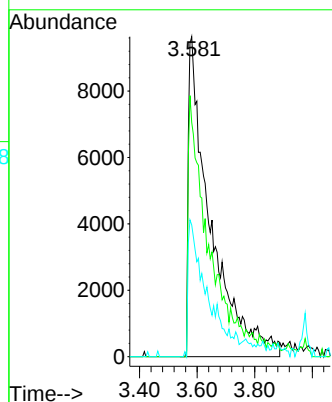
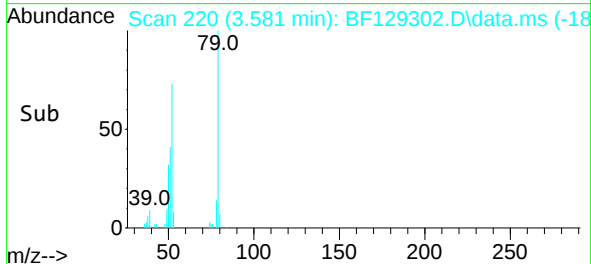
Instrument :
BNA_F
ClientSampleId :
LOQ-WATER-02-QT2-2022



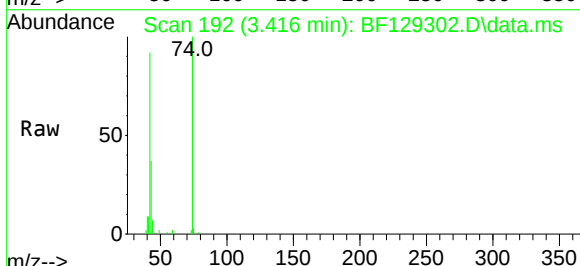
Tgt Ion: 79 Resp: 5132
Ion Ratio Lower Upper
79 100
52 73.2 68.6 102.8
51 41.2 32.9 49.3

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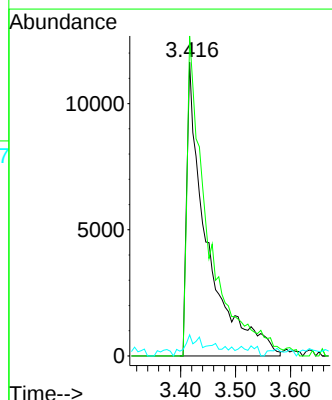
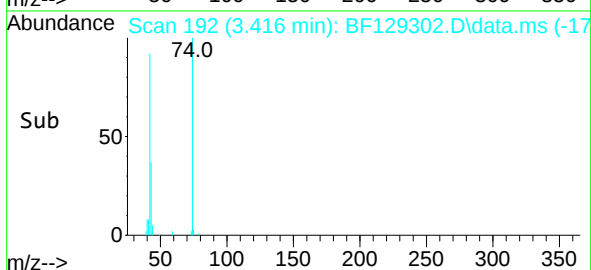
Reviewed By :Christian Giraldo 07/22/2022
Supervised By :Jagrut Upadhyay 07/22/2022



#4
n-Nitrosodimethylamine
Concen: 4.491 ng
RT: 3.416 min Scan# 192
Delta R.T. -0.006 min
Lab File: BF129302.D
Acq: 21 Jul 2022 18:17



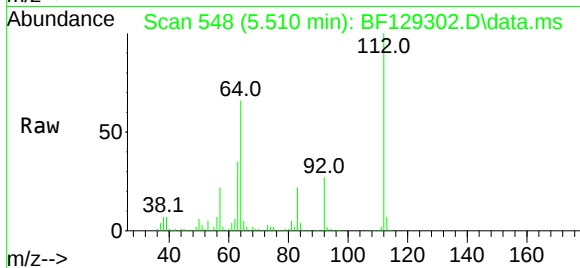
Tgt Ion: 42 Resp: 29579
Ion Ratio Lower Upper
42 100
74 108.9 94.8 142.2
44 7.2 6.6 10.0





#5
2-Fluorophenol
Concen: 90.637 ng
RT: 5.510 min Scan# 549
Delta R.T. -0.006 min
Lab File: BF129302.D
Acq: 21 Jul 2022 18:17

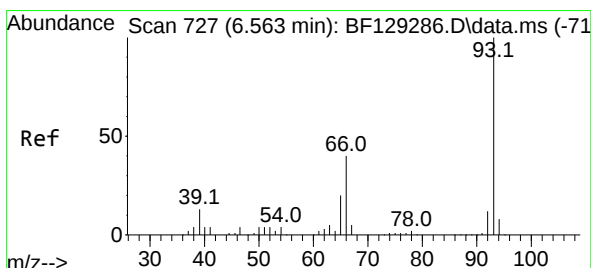
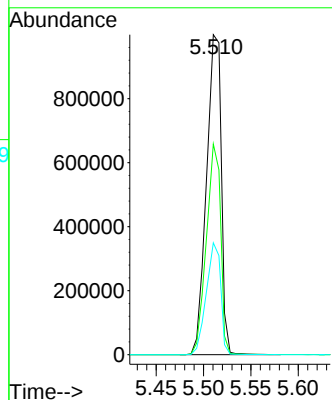
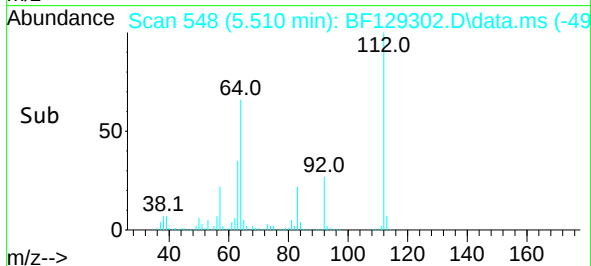
Instrument :
BNA_F
ClientSampleId :
LOQ-WATER-02-QT2-2022



Tgt Ion:112 Resp: 108611
Ion Ratio Lower Upper
112 100
64 65.9 53.3 79.9
63 35.0 28.0 42.0

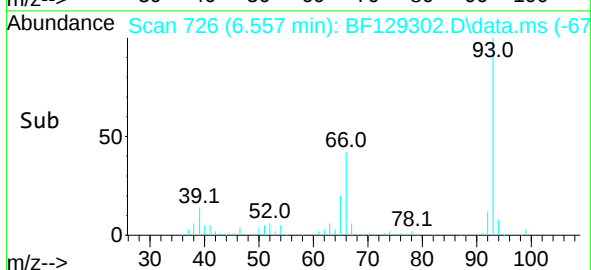
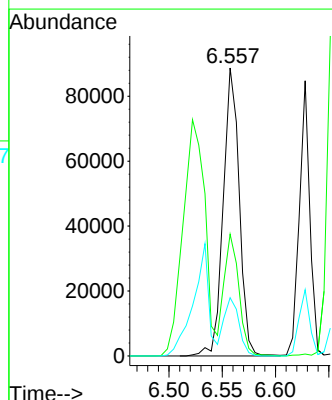
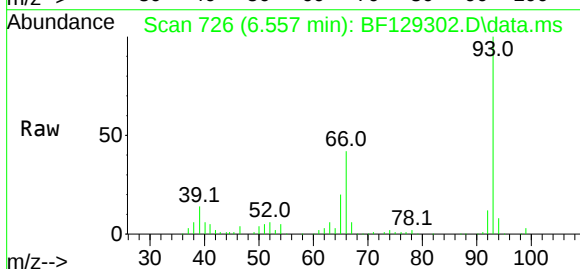
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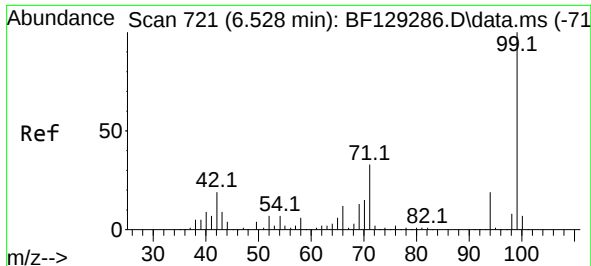
Reviewed By :Christian Giraldo 07/22/2022
Supervised By :Jagrut Upadhyay 07/22/2022



#6
Aniline
Concen: 4.933 ng
RT: 6.557 min Scan# 726
Delta R.T. -0.006 min
Lab File: BF129302.D
Acq: 21 Jul 2022 18:17

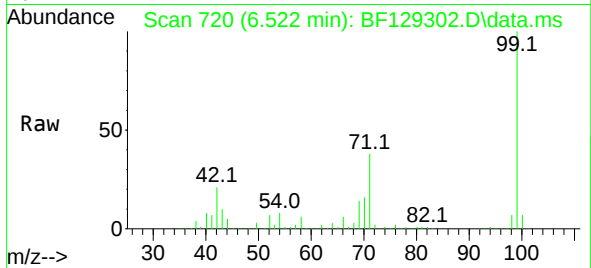
Tgt Ion: 93 Resp: 92724
Ion Ratio Lower Upper
93 100
66 42.3 32.5 48.7
65 20.2 16.4 24.6





#7
Phenol-d6
Concen: 91.889 ng
RT: 6.522 min Scan# 71
Delta R.T. -0.006 min
Lab File: BF129302.D
Acq: 21 Jul 2022 18:17

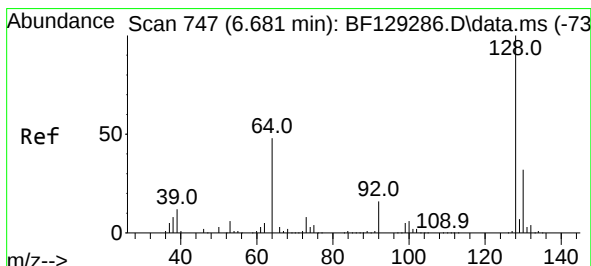
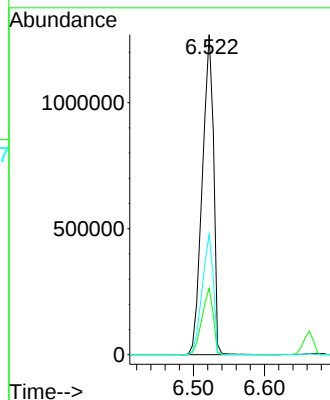
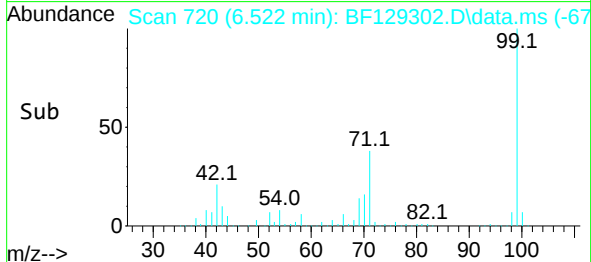
Instrument :
BNA_F
ClientSampleId :
LOQ-WATER-02-QT2-2022



Tgt Ion: 99 Resp: 140365
Ion Ratio Lower Upper
99 100
42 20.8 17.3 25.9
71 37.6 28.9 43.3

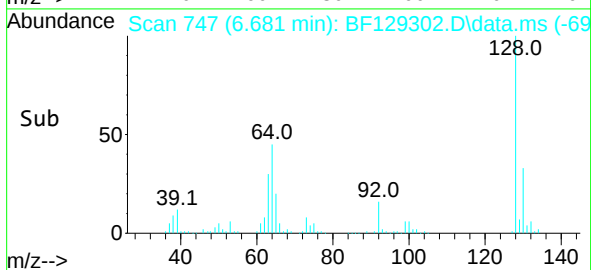
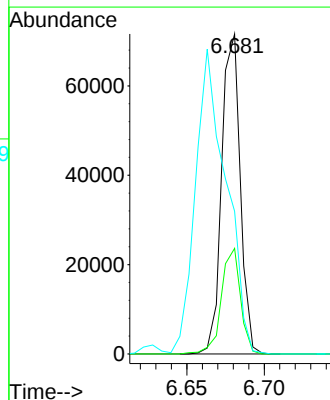
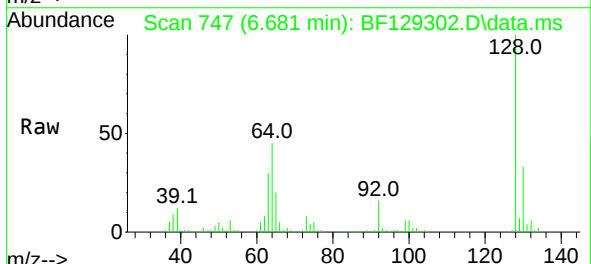
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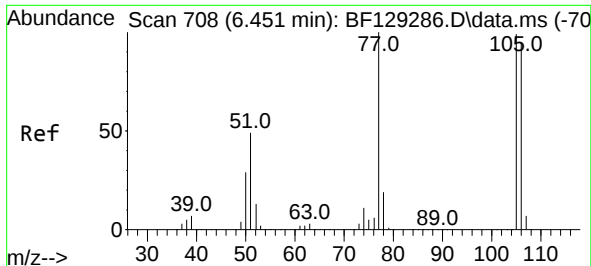
Reviewed By :Christian Giraldo 07/22/2022
Supervised By :Jagrut Upadhyay 07/22/2022



#8
2-Chlorophenol
Concen: 4.548 ng
RT: 6.681 min Scan# 747
Delta R.T. 0.000 min
Lab File: BF129302.D
Acq: 21 Jul 2022 18:17

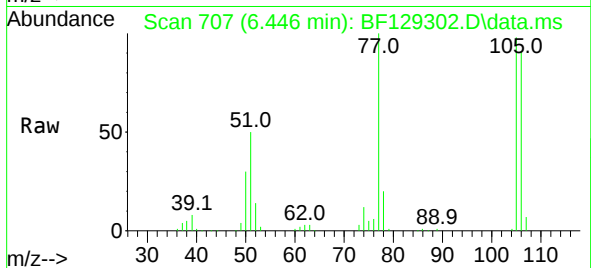
Tgt Ion:128 Resp: 59747
Ion Ratio Lower Upper
128 100
130 33.0 13.1 53.1
64 44.6 30.9 70.9





#9
Benzaldehyde
Concen: 4.932 ng
RT: 6.446 min Scan# 708
Delta R.T. -0.006 min
Lab File: BF129302.D
Acq: 21 Jul 2022 18:17

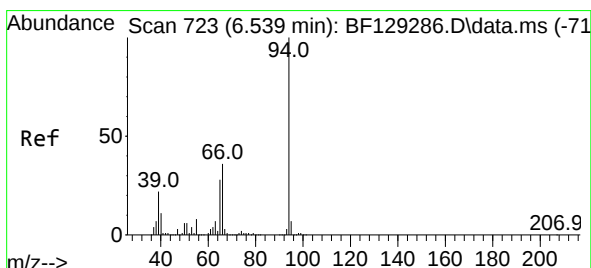
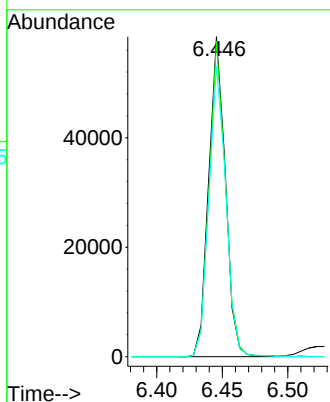
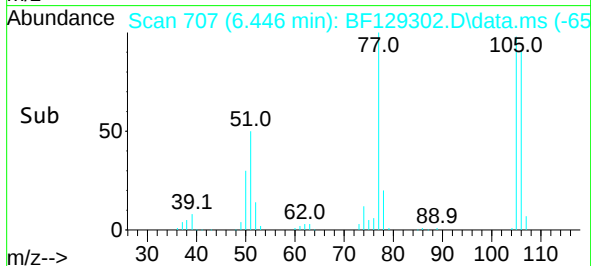
Instrument : BNA_F
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LOQ-WATER-02-QT2-2022



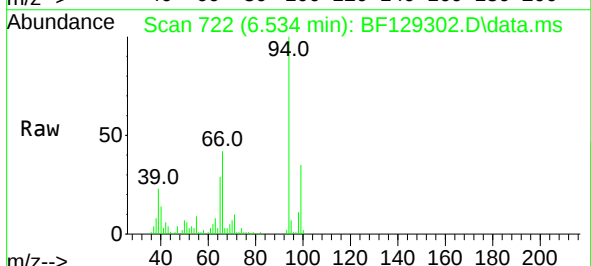
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Ion Ratio Lower Upper
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105 98.5 81.6 121.6
106 90.8 76.1 116.1

Manual Integrations
APPROVED

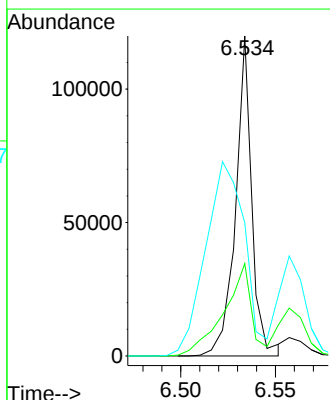
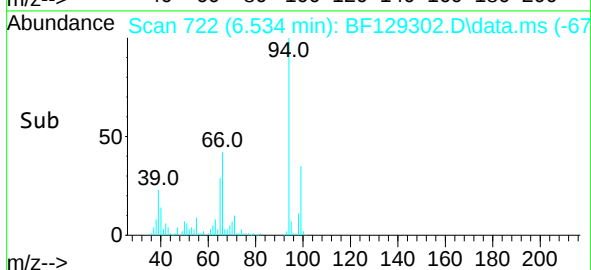
Reviewed By :Christian Giraldo 07/22/2022
Supervised By :Jagrut Upadhyay 07/22/2022



#10
Phenol
Concen: 4.444 ng
RT: 6.534 min Scan# 722
Delta R.T. -0.006 min
Lab File: BF129302.D
Acq: 21 Jul 2022 18:17



Tgt Ion: 94 Resp: 71340
Ion Ratio Lower Upper
94 100
65 28.8 11.4 51.4
66 41.7 21.4 61.4





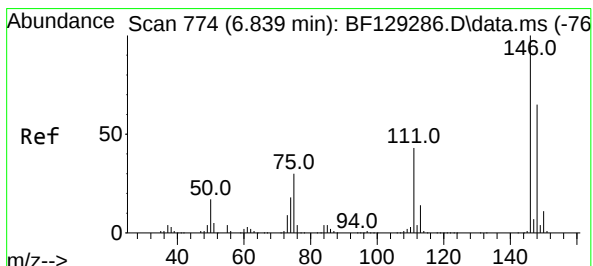
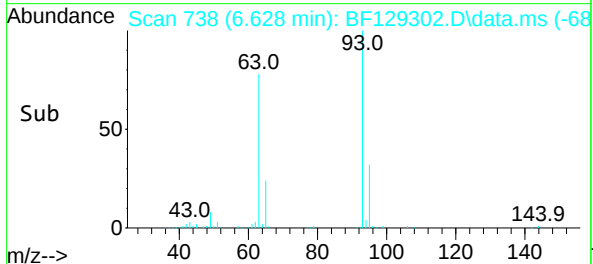
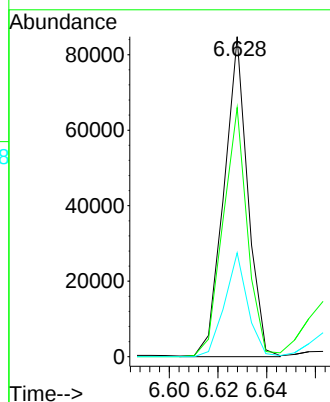
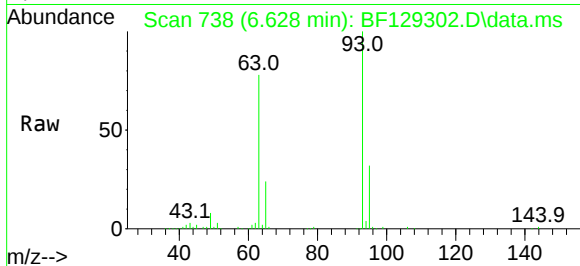
#11
bis(2-Chloroethyl)ether
Concen: 4.541 ng
RT: 6.628 min Scan# 710
Delta R.T. -0.006 min
Lab File: BF129302.D
Acq: 21 Jul 2022 18:17

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

Tgt Ion: 93 Resp: 5770
Ion Ratio Lower Upper
93 100
63 77.9 67.4 107.4
95 32.4 12.7 52.7

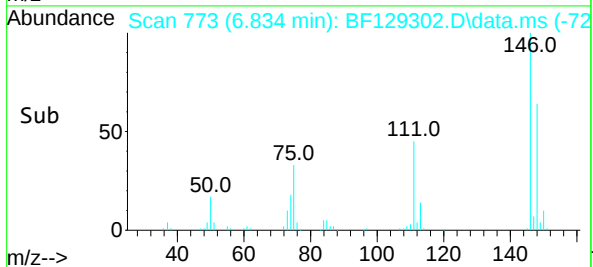
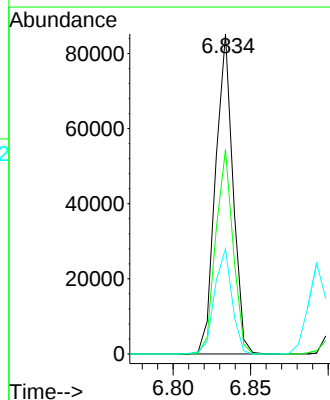
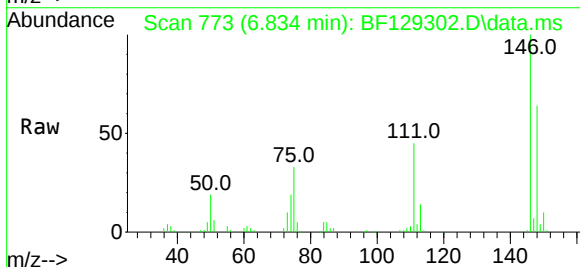
Manual Integrations
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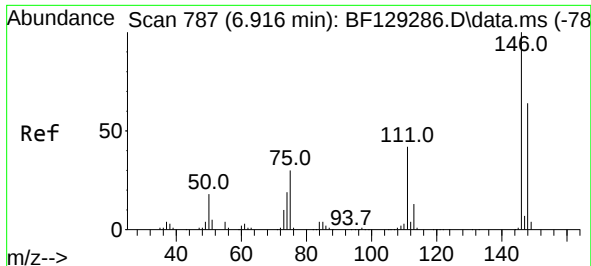
Reviewed By :Christian Giraldo 07/22/2022
Supervised By :Jagrut Upadhyay 07/22/2022



#12
1,3-Dichlorobenzene
Concen: 4.700 ng
RT: 6.834 min Scan# 773
Delta R.T. -0.006 min
Lab File: BF129302.D
Acq: 21 Jul 2022 18:17

Tgt Ion:146 Resp: 66537
Ion Ratio Lower Upper
146 100
148 63.8 50.6 75.8
75 32.9 26.3 39.5





#13

1,4-Dichlorobenzene

Concen: 4.660 ng

RT: 6.910 min Scan# 71

Delta R.T. -0.006 min

Lab File: BF129302.D

Acq: 21 Jul 2022 18:17

Instrument :

BNA_F

ClientSampleId :

LOQ-WATER-02-QT2-2022

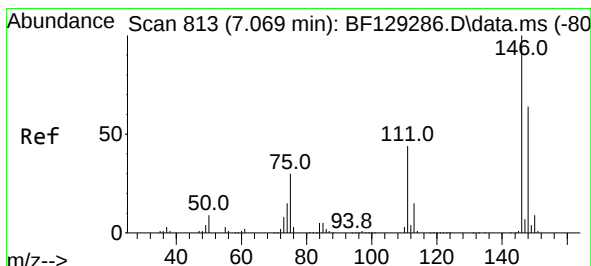
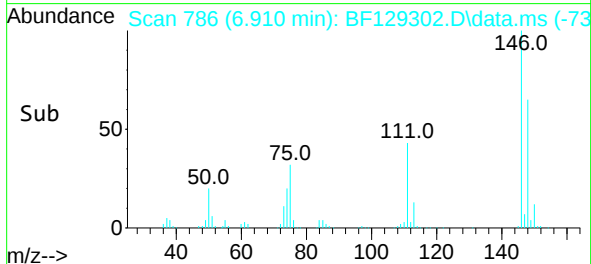
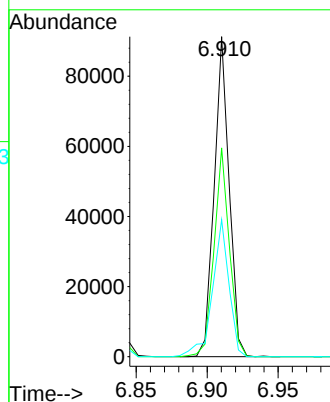
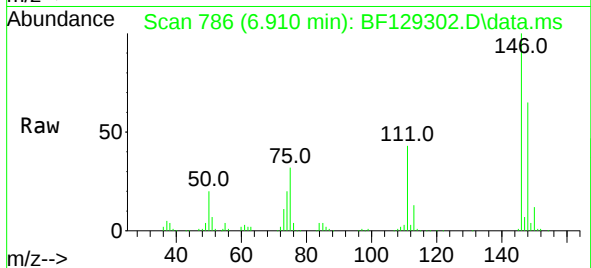
Tgt Ion:146 Resp: 6676

Ion	Ratio	Lower	Upper
146	100		
148	65.3	51.1	76.7
111	42.8	34.2	51.4

Manual Integrations

APPROVED

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



#14

1,2-Dichlorobenzene

Concen: 4.648 ng

RT: 7.063 min Scan# 812

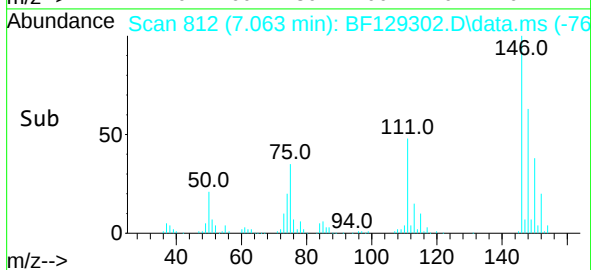
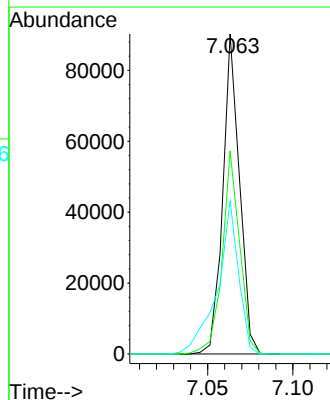
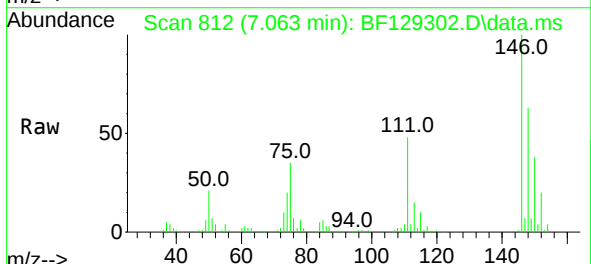
Delta R.T. -0.006 min

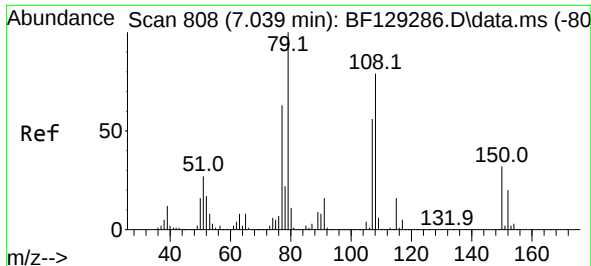
Lab File: BF129302.D

Acq: 21 Jul 2022 18:17

Tgt Ion:146 Resp: 61524

Ion	Ratio	Lower	Upper
146	100		
148	63.5	51.8	77.8
111	47.8	35.1	52.7





#15

Benzyl Alcohol

Concen: 6.005 ng

RT: 7.028 min Scan# 80

Delta R.T. -0.012 min

Lab File: BF129302.D

Acq: 21 Jul 2022 18:17

Instrument :

BNA_F

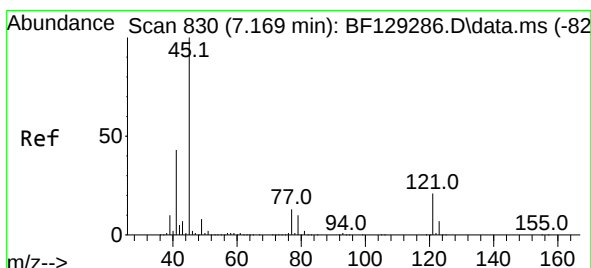
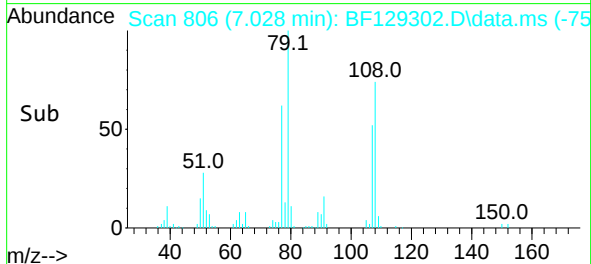
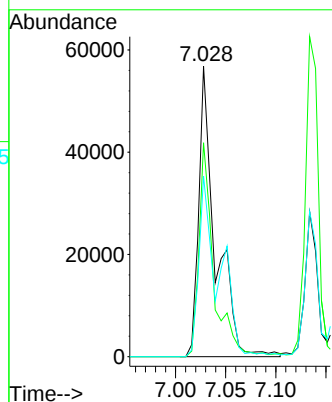
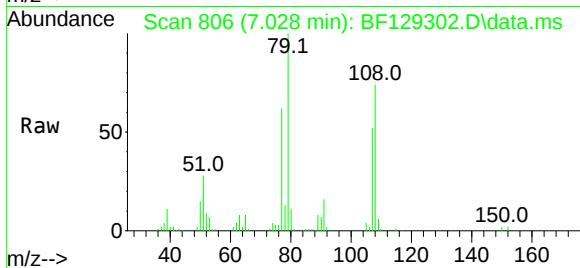
ClientSampleId :

LOQ-WATER-02-QT2-2022

Tgt Ion: 79	Resp: 6655
Ion Ratio	Lower Upper
79 100	
108 73.6	61.8 92.6
77 62.2	50.2 75.4

Manual Integrations
APPROVED

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



#16

2,2'-oxybis(1-Chloropropane)

Concen: 4.335 ng

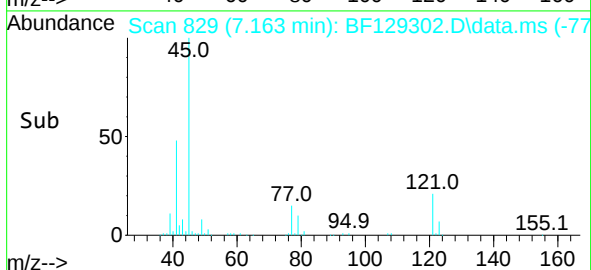
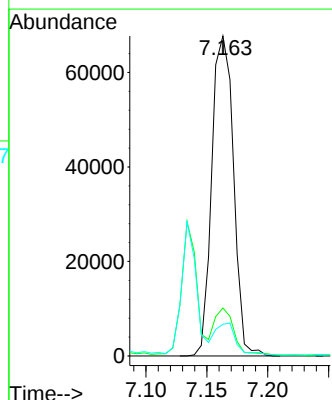
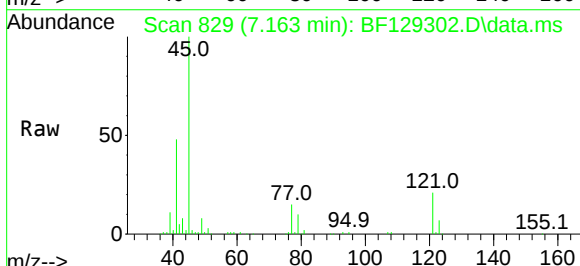
RT: 7.163 min Scan# 829

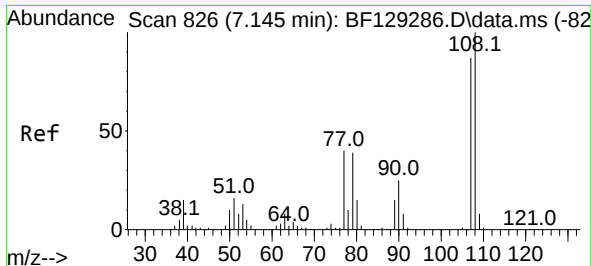
Delta R.T. -0.006 min

Lab File: BF129302.D

Acq: 21 Jul 2022 18:17

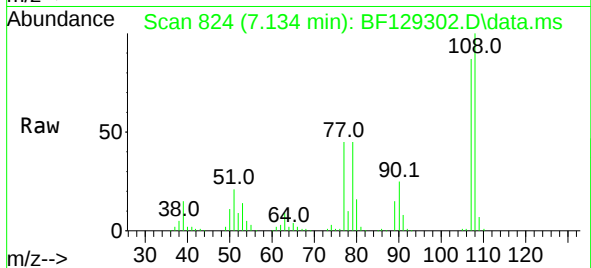
Tgt Ion: 45	Resp: 83977
Ion Ratio	Lower Upper
45 100	
77 15.0	0.0 31.3
79 9.9	0.0 28.3





#17
2-Methylphenol
Concen: 4.462 ng
RT: 7.134 min Scan# 81
Delta R.T. -0.012 min
Lab File: BF129302.D
Acq: 21 Jul 2022 18:17

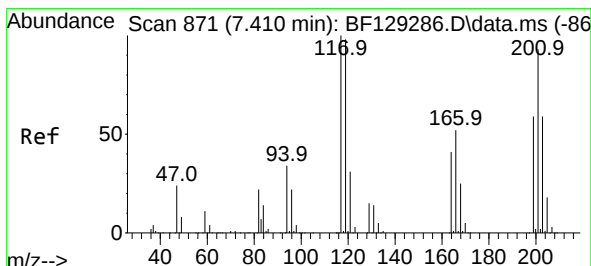
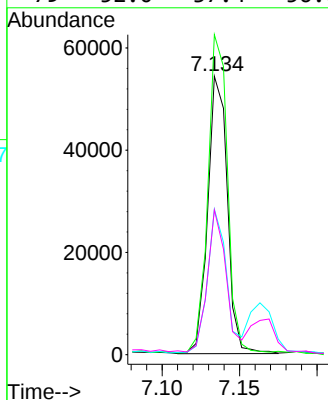
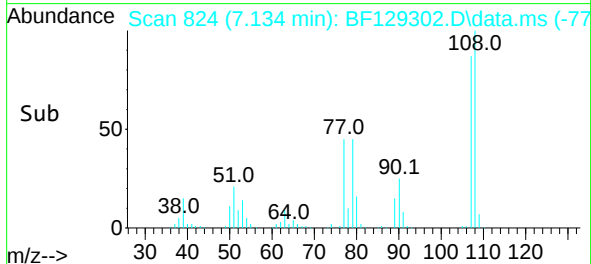
Instrument :
BNA_F
ClientSampleId :
LOQ-WATER-02-QT2-2022



Tgt Ion:107 Resp: 47772
Ion Ratio Lower Upper
107 100
108 115.0 91.9 137.9
77 52.2 37.8 56.8
79 52.0 37.4 56.0

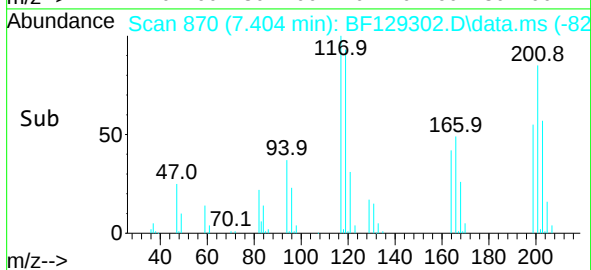
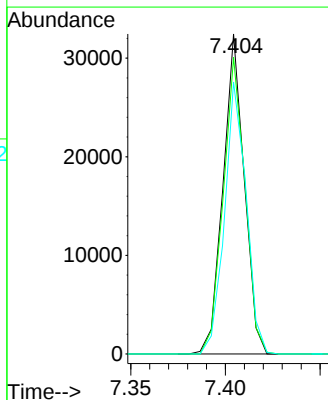
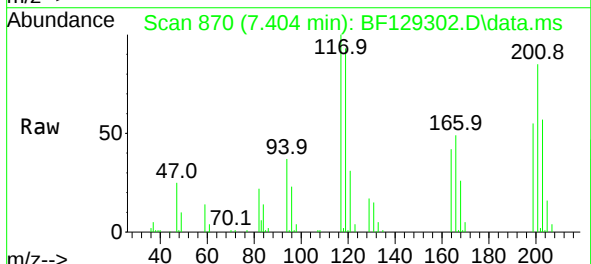
Manual Integrations
APPROVED

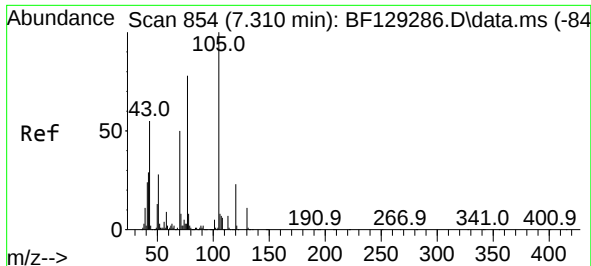
Reviewed By :Christian Giraldo 07/22/2022
Supervised By :Jagrut Upadhyay 07/22/2022



#18
Hexachloroethane
Concen: 4.687 ng
RT: 7.404 min Scan# 870
Delta R.T. -0.006 min
Lab File: BF129302.D
Acq: 21 Jul 2022 18:17

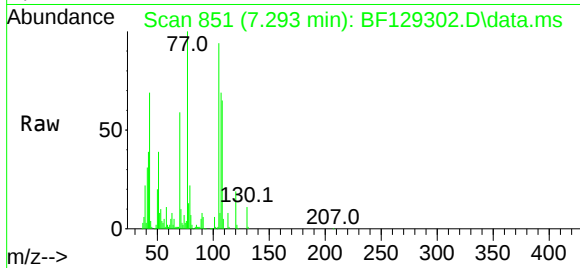
Tgt Ion:117 Resp: 25194
Ion Ratio Lower Upper
117 100
119 92.7 77.4 116.2
201 85.0 84.6 127.0





#19
n-Nitroso-di-n-propylamine
Concen: 4.958 ng
RT: 7.293 min Scan# 80
Delta R.T. -0.017 min
Lab File: BF129302.D
Acq: 21 Jul 2022 18:17

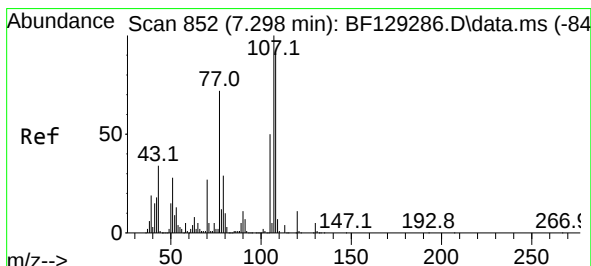
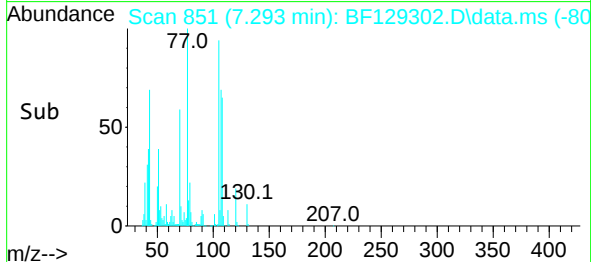
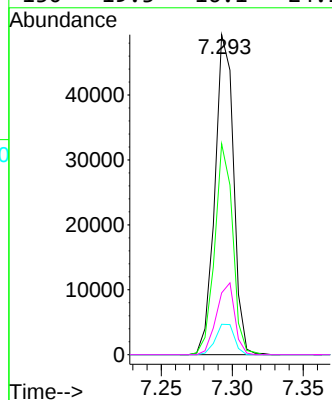
Instrument : BNA_F
ClientSampleId :
LOQ-WATER-02-QT2-2022



Tgt Ion: 70 Resp: 4512
Ion Ratio Lower Upper
70 100
42 65.9 52.3 78.5
101 9.5 7.5 11.3
130 19.3 16.1 24.1

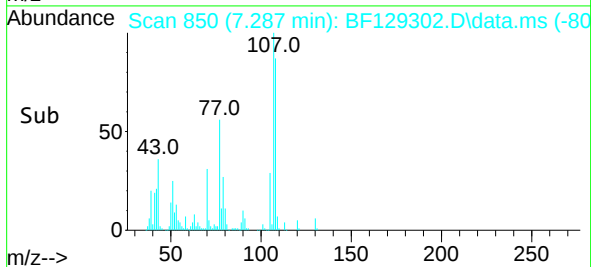
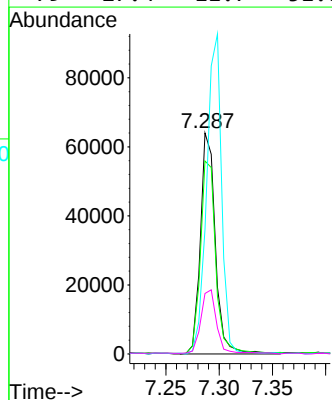
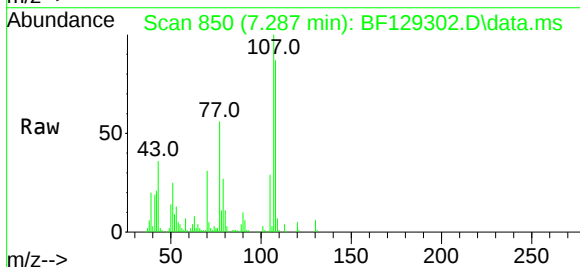
Manual Integrations
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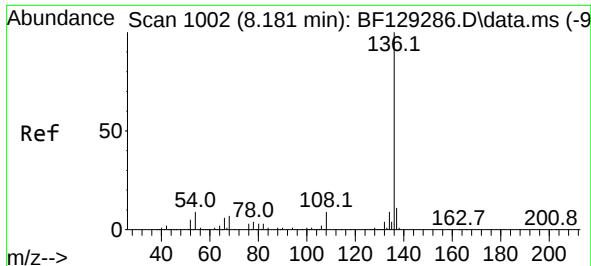
Reviewed By :Christian Giraldo 07/22/2022
Supervised By :Jagrut Upadhyay 07/22/2022



#20
3+4-Methylphenols
Concen: 4.520 ng
RT: 7.287 min Scan# 850
Delta R.T. -0.012 min
Lab File: BF129302.D
Acq: 21 Jul 2022 18:17

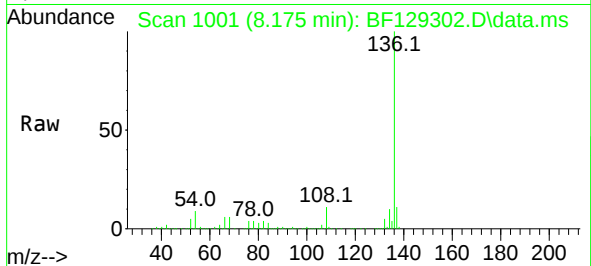
Tgt Ion:107 Resp: 63115
Ion Ratio Lower Upper
107 100
108 87.4 71.8 111.8
77 56.3 59.3 99.3#
79 27.4 11.7 51.7





#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.175 min Scan# 1001
Delta R.T. -0.006 min
Lab File: BF129302.D
Acq: 21 Jul 2022 18:17

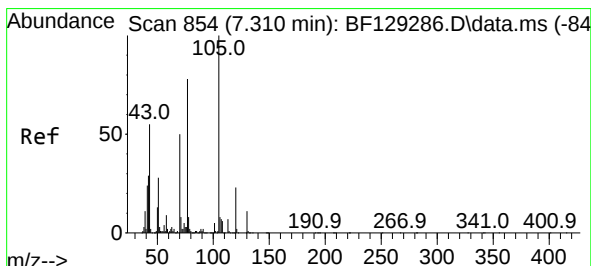
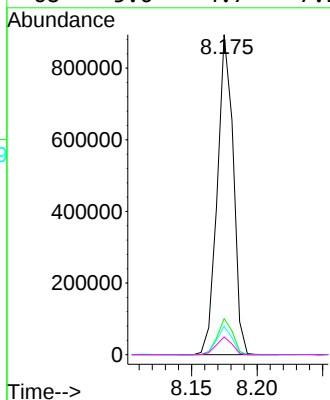
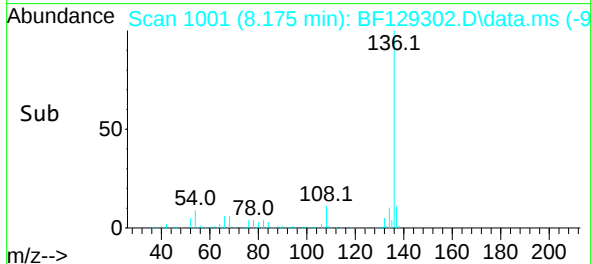
Instrument :
BNA_F
ClientSampleId :
LOQ-WATER-02-QT2-2022



Tgt Ion:136 Resp: 754754
Ion Ratio Lower Upper
136 100
137 11.2 8.8 13.2
54 8.9 7.5 11.3
68 5.6 4.7 7.1

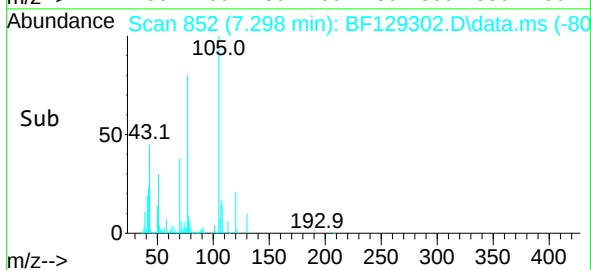
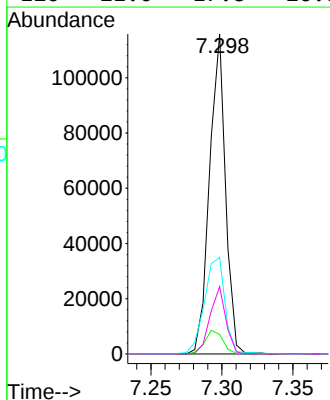
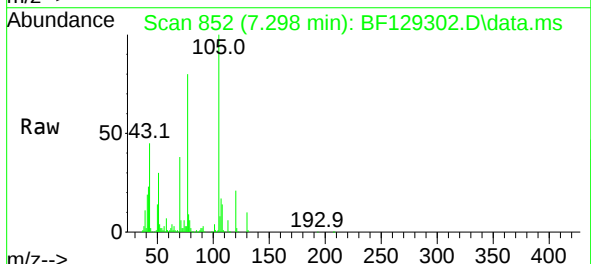
Manual Integrations
APPROVED

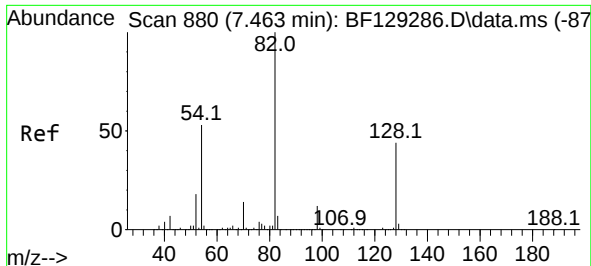
Reviewed By :Christian Giraldo 07/22/2022
Supervised By :Jagrut Upadhyay 07/22/2022



#22
Acetophenone
Concen: 5.122 ng
RT: 7.298 min Scan# 852
Delta R.T. -0.012 min
Lab File: BF129302.D
Acq: 21 Jul 2022 18:17

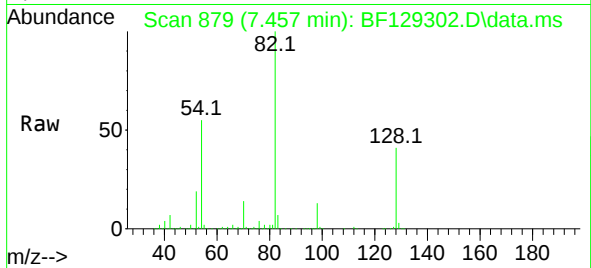
Tgt Ion:105 Resp: 90771
Ion Ratio Lower Upper
105 100
71 6.1 5.0 7.4
51 30.2 25.0 37.4
120 21.0 17.8 26.8





#23
Nitrobenzene-d5
Concen: 68.709 ng
RT: 7.457 min Scan# 81
Delta R.T. -0.006 min
Lab File: BF129302.D
Acq: 21 Jul 2022 18:17

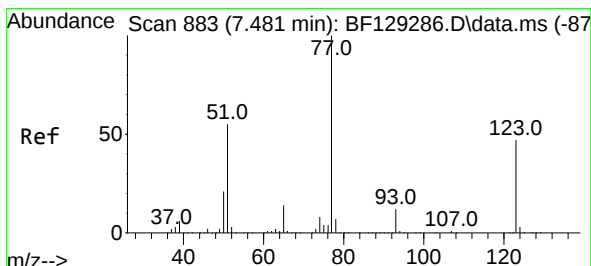
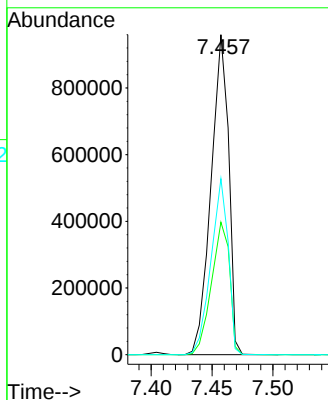
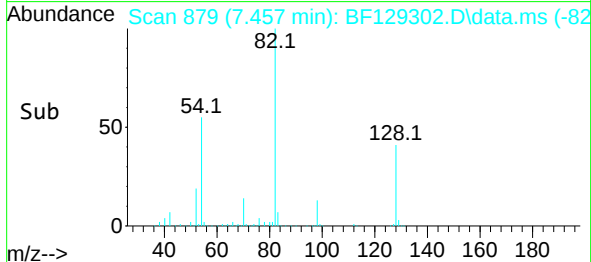
Instrument :
BNA_F
ClientSampleId :
LOQ-WATER-02-QT2-2022



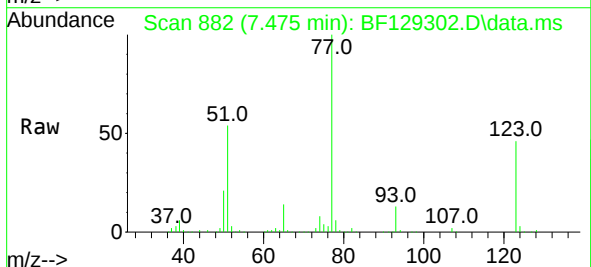
Tgt Ion: 82 Resp: 96392
Ion Ratio Lower Upper
82 100
128 41.4 34.0 51.0
54 55.0 46.9 70.3

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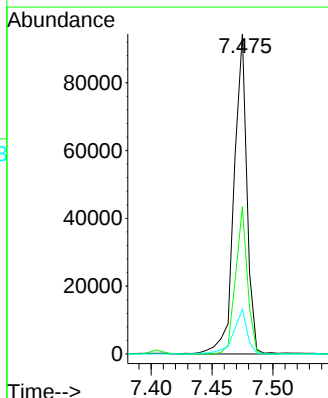
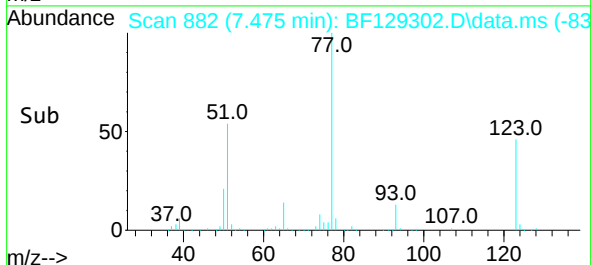
Reviewed By :Christian Giraldo 07/22/2022
Supervised By :Jagrut Upadhyay 07/22/2022



#24
Nitrobenzene
Concen: 4.805 ng
RT: 7.475 min Scan# 882
Delta R.T. -0.006 min
Lab File: BF129302.D
Acq: 21 Jul 2022 18:17



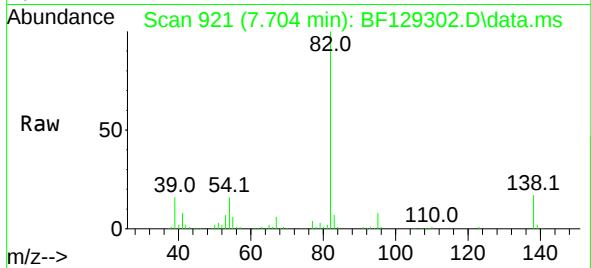
Tgt Ion: 77 Resp: 69424
Ion Ratio Lower Upper
77 100
123 46.0 35.4 53.2
65 13.9 11.8 17.8





#25
Isophorone
Concen: 4.879 ng
RT: 7.704 min Scan# 91
Delta R.T. -0.012 min
Lab File: BF129302.D
Acq: 21 Jul 2022 18:17

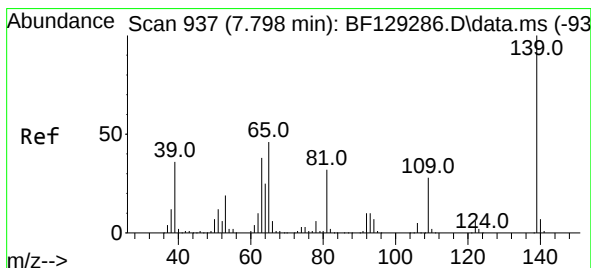
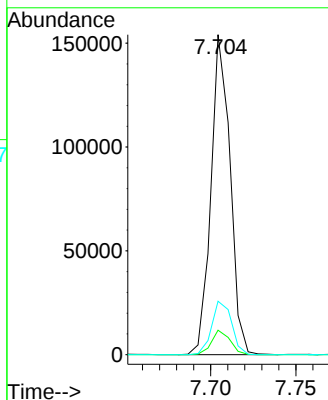
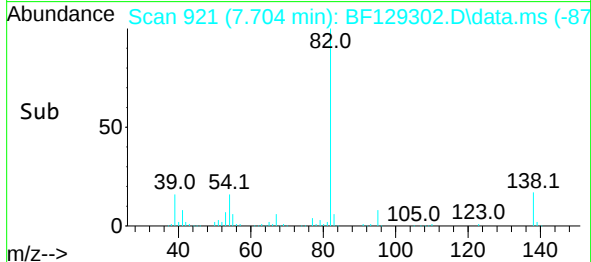
Instrument : BNA_F
ClientSampleId :
LOQ-WATER-02-QT2-2022



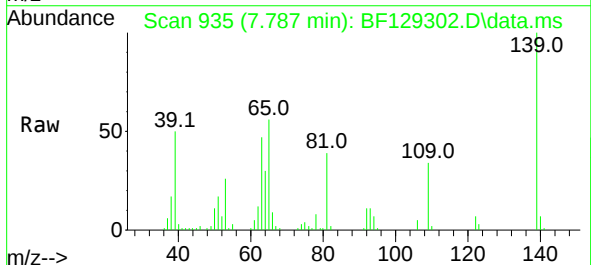
Tgt Ion: 82 Resp: 12016
Ion Ratio Lower Upper
82 100
95 7.7 5.7 8.5
138 16.7 14.2 21.2

Manual Integrations
APPROVED

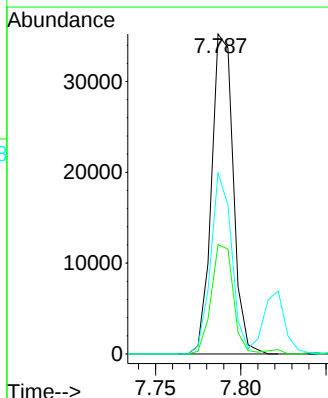
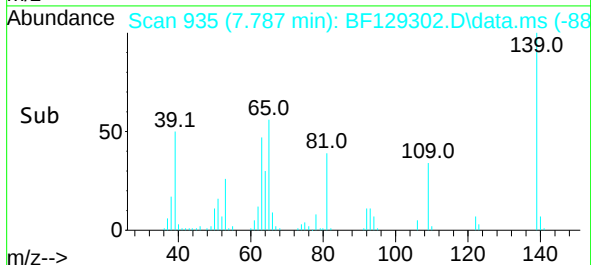
Reviewed By :Christian Giraldo 07/22/2022
Supervised By :Jagrut Upadhyay 07/22/2022

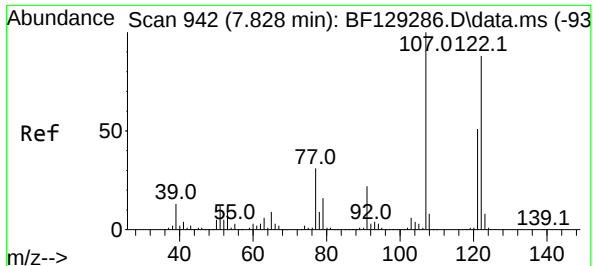


#26
2-Nitrophenol
Concen: 4.485 ng
RT: 7.787 min Scan# 935
Delta R.T. -0.012 min
Lab File: BF129302.D
Acq: 21 Jul 2022 18:17



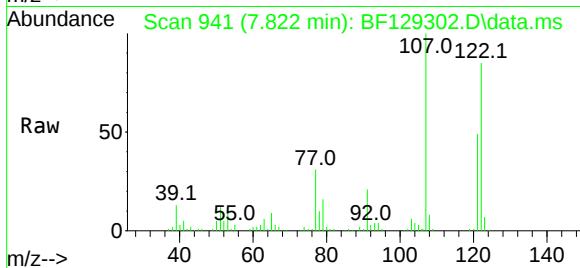
Tgt Ion:139 Resp: 31269
Ion Ratio Lower Upper
139 100
109 34.2 25.0 37.4
65 56.5 45.1 67.7





#27
2,4-Dimethylphenol
Concen: 5.190 ng m
RT: 7.822 min Scan# 941
Delta R.T. -0.006 min
Lab File: BF129302.D
Acq: 21 Jul 2022 18:17

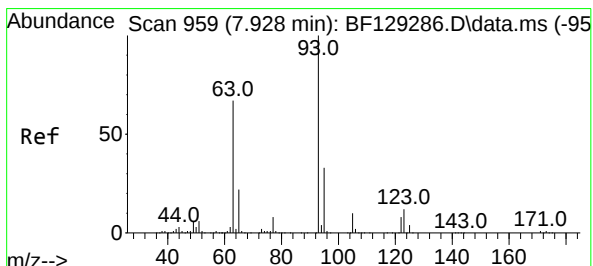
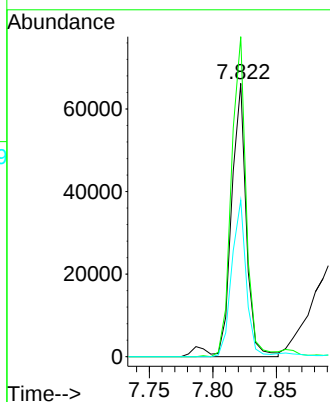
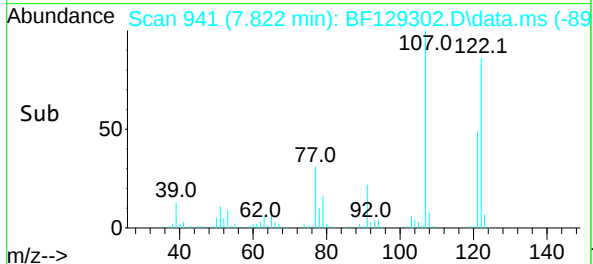
Instrument :
BNA_F
ClientSampleId :
LOQ-WATER-02-QT2-2022



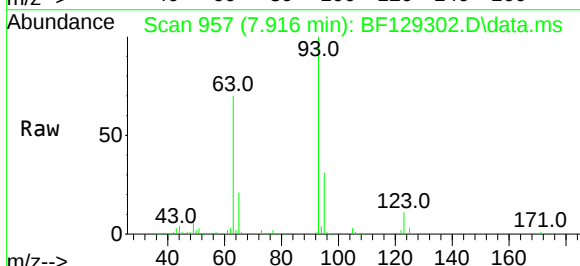
Tgt Ion:122 Resp: 54436
Ion Ratio Lower Upper
122 100
107 117.1 93.0 139.6
121 57.3 46.6 70.0

Manual Integrations
APPROVED

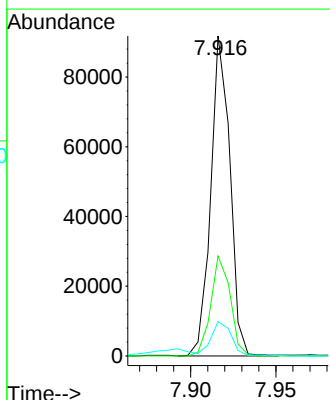
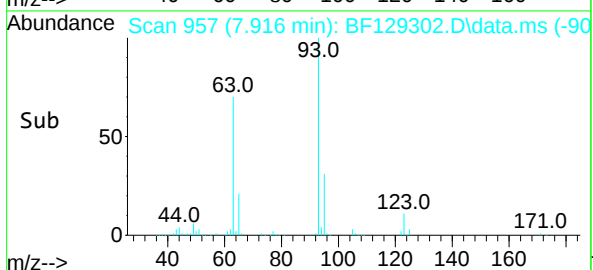
Reviewed By :Christian Giraldo 07/22/2022
Supervised By :Jagrut Upadhyay 07/22/2022

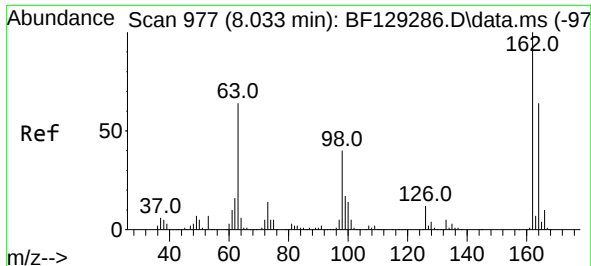


#28
bis(2-Chloroethoxy)methane
Concen: 5.034 ng
RT: 7.916 min Scan# 957
Delta R.T. -0.012 min
Lab File: BF129302.D
Acq: 21 Jul 2022 18:17



Tgt Ion: 93 Resp: 71835
Ion Ratio Lower Upper
93 100
95 31.3 26.8 40.2
123 10.8 9.2 13.8





#29

2,4-Dichlorophenol

Concen: 4.471 ng

RT: 8.028 min Scan# 91

Delta R.T. -0.006 min

Lab File: BF129302.D

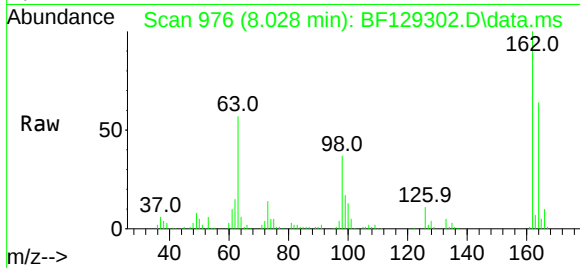
Acq: 21 Jul 2022 18:17

Instrument :

BNA_F

ClientSampleId :

LOQ-WATER-02-QT2-2022

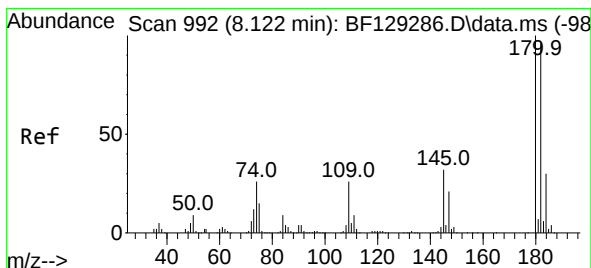
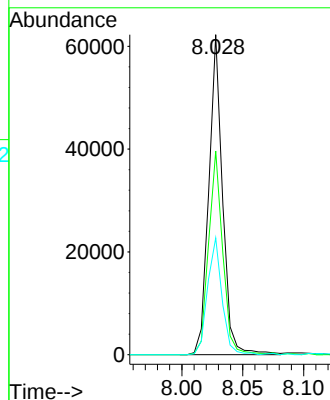


Tgt Ion:162	Resp:	48774
Ion Ratio	Lower	Upper
162	100	
164	63.7	44.2 84.2
98	36.5	19.6 59.6

Manual Integrations

APPROVED

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



#30

1,2,4-Trichlorobenzene

Concen: 4.751 ng

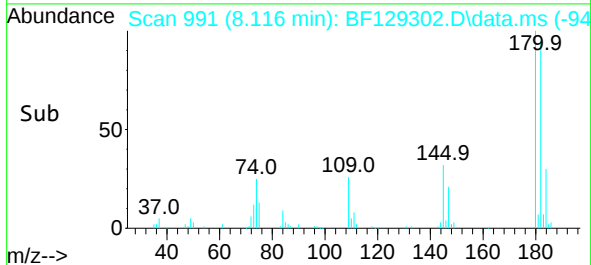
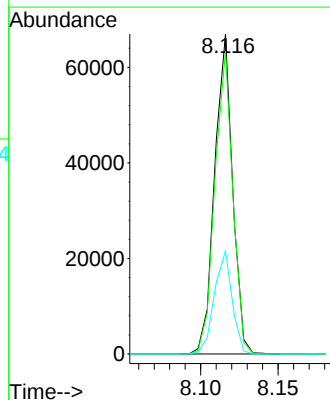
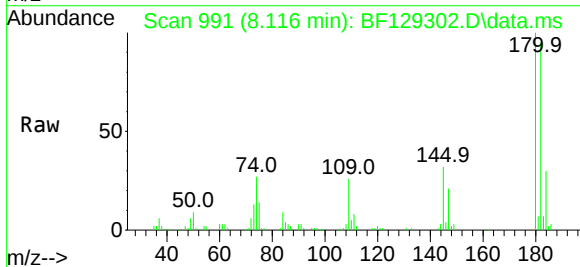
RT: 8.116 min Scan# 991

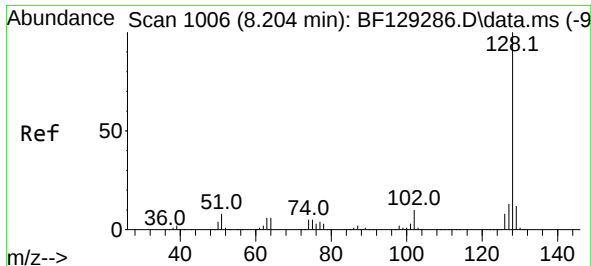
Delta R.T. -0.006 min

Lab File: BF129302.D

Acq: 21 Jul 2022 18:17

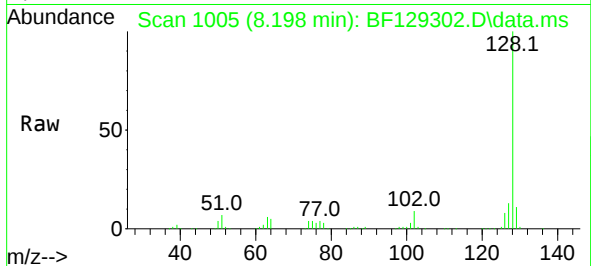
Tgt Ion:180	Resp:	53867
Ion Ratio	Lower	Upper
180	100	
182	94.6	79.2 118.8
145	32.2	26.2 39.2





#31
Naphthalene
Concen: 4.705 ng
RT: 8.198 min Scan# 1005
Delta R.T. -0.006 min
Lab File: BF129302.D
Acq: 21 Jul 2022 18:17

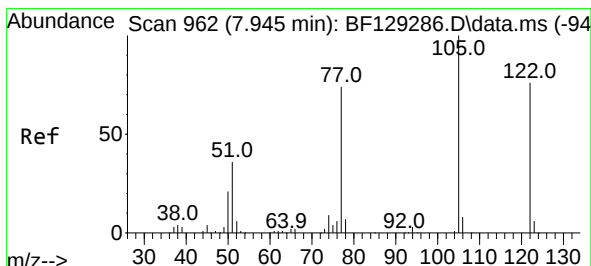
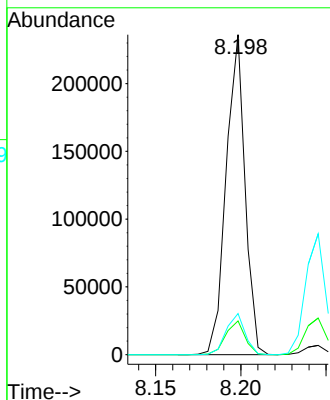
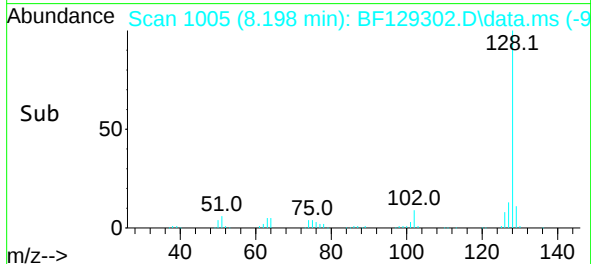
Instrument :
BNA_F
ClientSampleId :
LOQ-WATER-02-QT2-2022



Tgt Ion:128 Resp: 18211
Ion Ratio Lower Upper
128 100
129 10.6 9.2 13.8
127 12.8 10.5 15.7

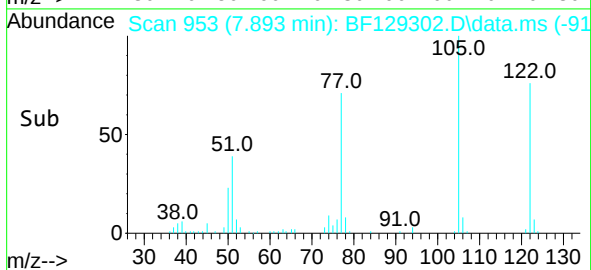
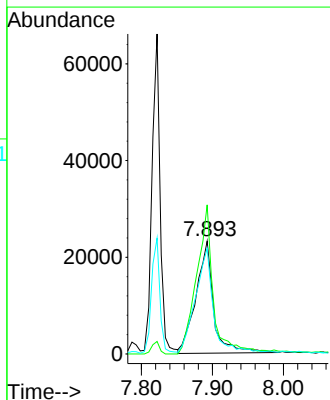
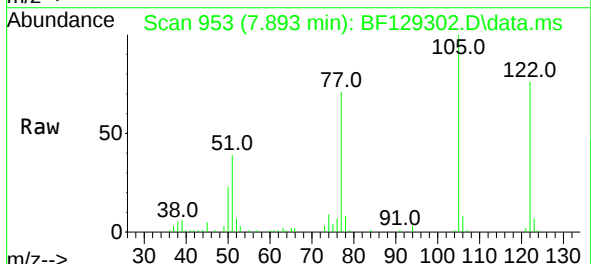
Manual Integrations
APPROVED

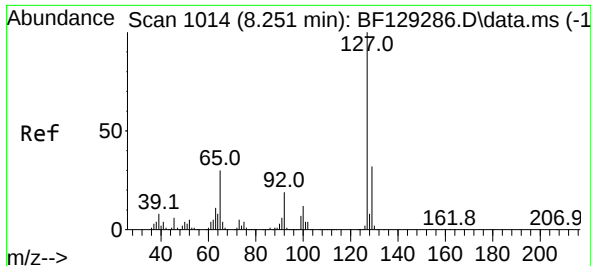
Reviewed By :Christian Giraldo 07/22/2022
Supervised By :Jagrut Upadhyay 07/22/2022



#32
Benzoic acid
Concen: 5.236 ng
RT: 7.893 min Scan# 953
Delta R.T. -0.053 min
Lab File: BF129302.D
Acq: 21 Jul 2022 18:17

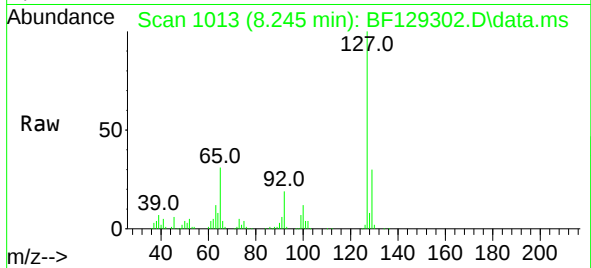
Tgt Ion:122 Resp: 40141
Ion Ratio Lower Upper
122 100
105 132.2 107.1 147.1
77 93.7 74.2 114.2





#33
4-Chloroaniline
Concen: 4.728 ng
RT: 8.245 min Scan# 1013
Delta R.T. -0.006 min
Lab File: BF129302.D
Acq: 21 Jul 2022 18:17

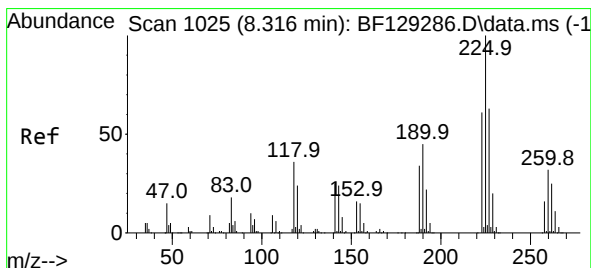
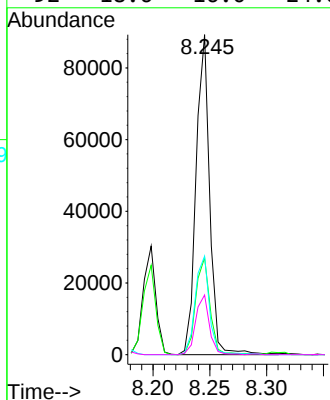
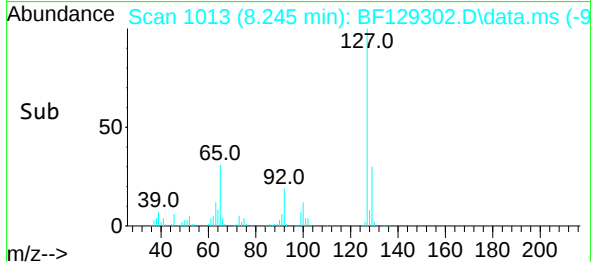
Instrument :
BNA_F
ClientSampleId :
LOQ-WATER-02-QT2-2022



Tgt Ion:127 Resp: 74654
Ion Ratio Lower Upper
127 100
129 30.3 26.4 39.6
65 30.8 26.4 39.6
92 18.6 16.0 24.0

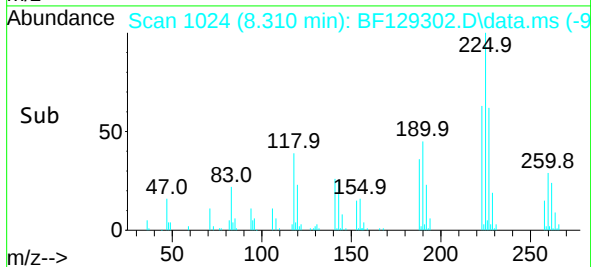
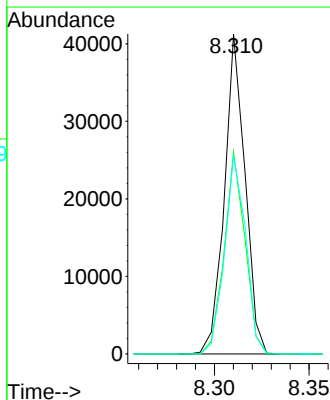
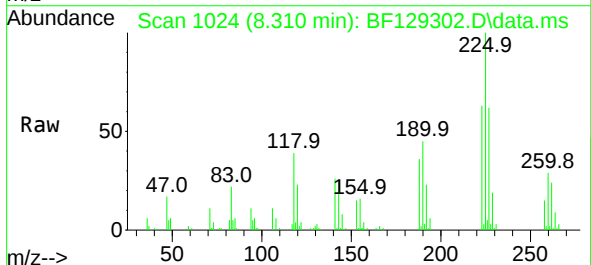
Manual Integrations
APPROVED

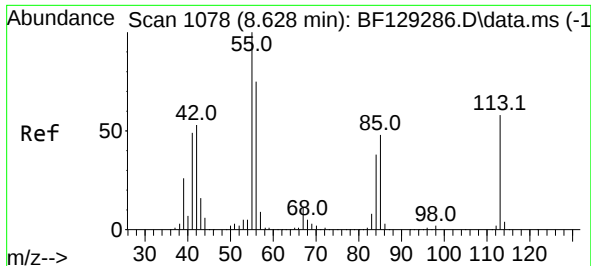
Reviewed By :Christian Giraldo 07/22/2022
Supervised By :Jagrut Upadhyay 07/22/2022



#34
Hexachlorobutadiene
Concen: 4.815 ng
RT: 8.310 min Scan# 1024
Delta R.T. -0.006 min
Lab File: BF129302.D
Acq: 21 Jul 2022 18:17

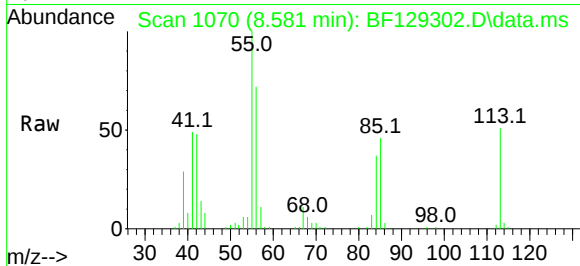
Tgt Ion:225 Resp: 31205
Ion Ratio Lower Upper
225 100
223 63.2 51.0 76.6
227 61.9 51.1 76.7





#35
 Caprolactam
 Concen: 4.368 ng
 RT: 8.581 min Scan# 1093
 Delta R.T. -0.047 min
 Lab File: BF129302.D
 Acq: 21 Jul 2022 18:17

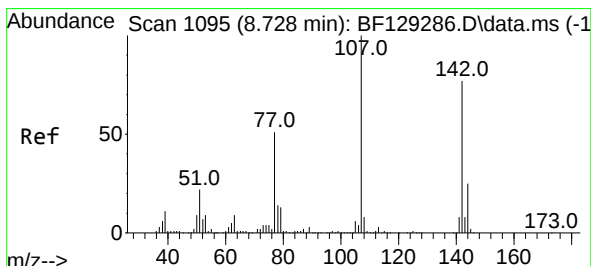
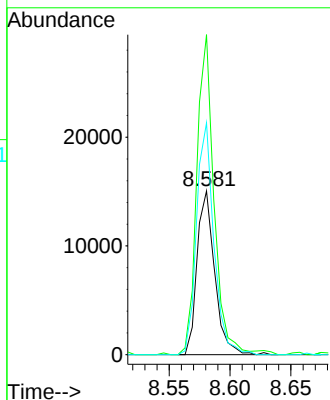
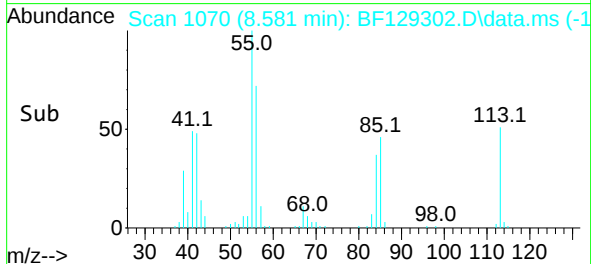
Instrument : BNA_F
 ClientSampleId : LOQ-WATER-02-QT2-2022



Tgt Ion:113 Resp: 1519
 Ion Ratio Lower Upper
 113 100
 55 195.4 188.5 228.5
 56 141.6 130.6 170.6

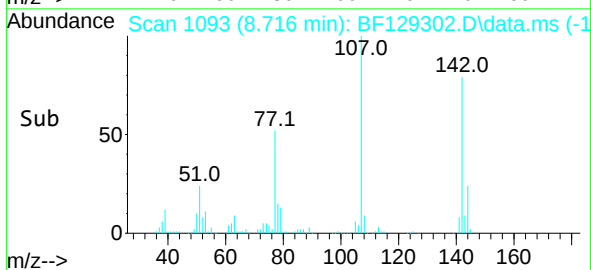
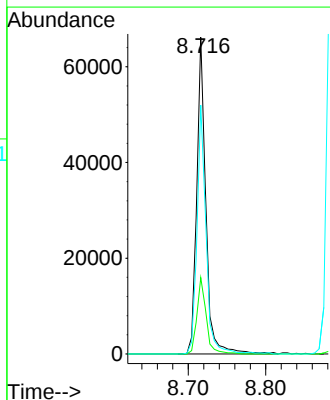
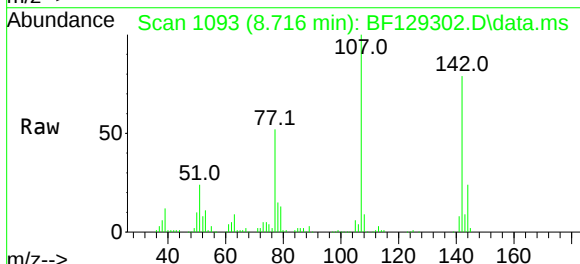
Manual Integrations
 APPROVED

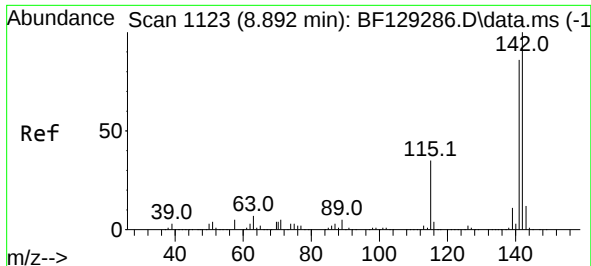
Reviewed By :Christian Giraldo 07/22/2022
 Supervised By :Jagrut Upadhyay 07/22/2022



#36
 4-Chloro-3-methylphenol
 Concen: 4.655 ng
 RT: 8.716 min Scan# 1093
 Delta R.T. -0.012 min
 Lab File: BF129302.D
 Acq: 21 Jul 2022 18:17

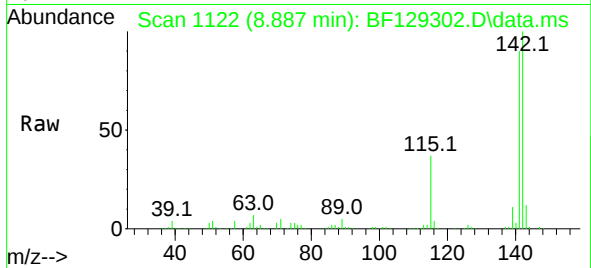
Tgt Ion:107 Resp: 53951
 Ion Ratio Lower Upper
 107 100
 144 24.1 19.5 29.3
 142 78.6 58.2 87.4





#37
2-Methylnaphthalene
Concen: 4.695 ng
RT: 8.887 min Scan# 1122
Delta R.T. -0.006 min
Lab File: BF129302.D
Acq: 21 Jul 2022 18:17

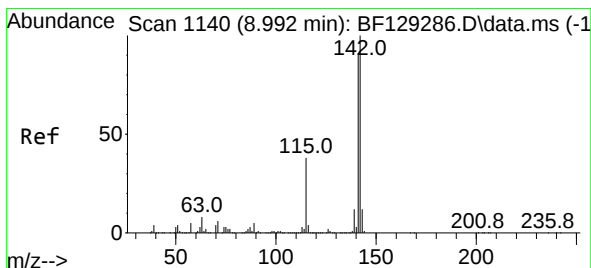
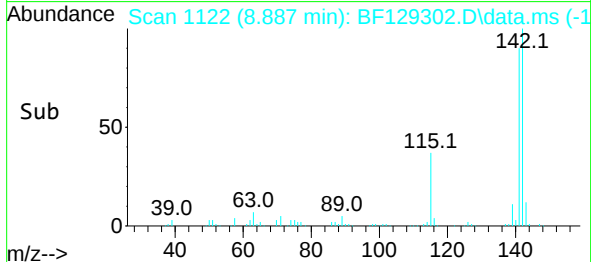
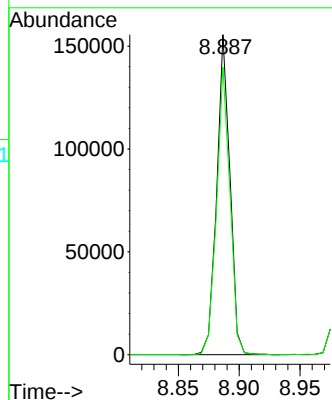
Instrument :
BNA_F
ClientSampleId :
LOQ-WATER-02-QT2-2022



Tgt Ion:142 Resp: 117778
Ion Ratio Lower Upper
142 100
141 89.9 71.0 106.4

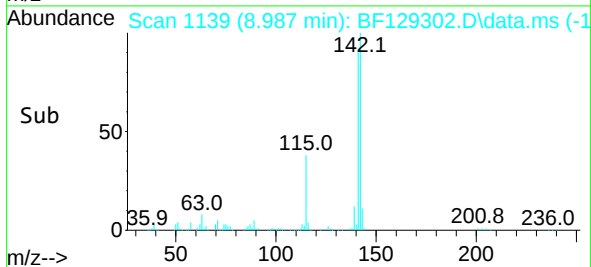
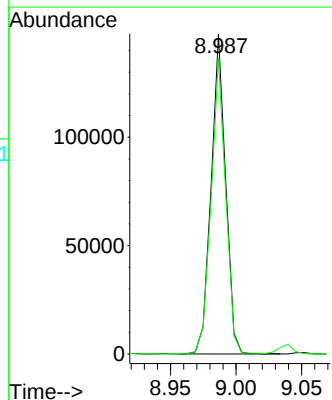
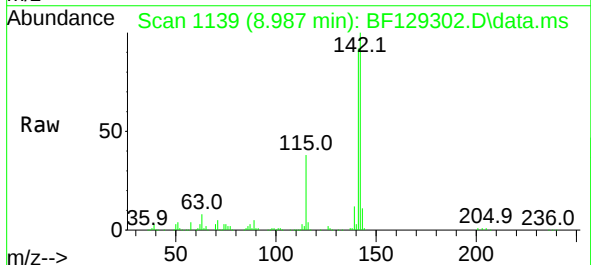
Manual Integrations
APPROVED

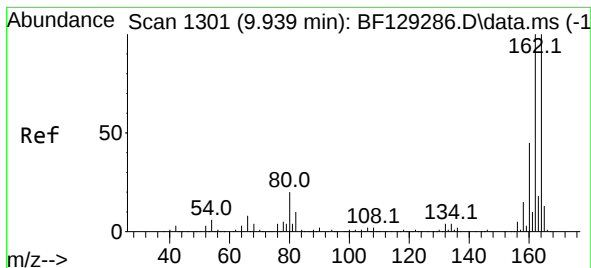
Reviewed By :Christian Giraldo 07/22/2022
Supervised By :Jagrut Upadhyay 07/22/2022



#38
1-Methylnaphthalene
Concen: 4.688 ng
RT: 8.987 min Scan# 1139
Delta R.T. -0.006 min
Lab File: BF129302.D
Acq: 21 Jul 2022 18:17

Tgt Ion:142 Resp: 113767
Ion Ratio Lower Upper
142 100
141 92.4 74.2 111.4





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.934 min Scan# 1150

Delta R.T. -0.006 min

Lab File: BF129302.D

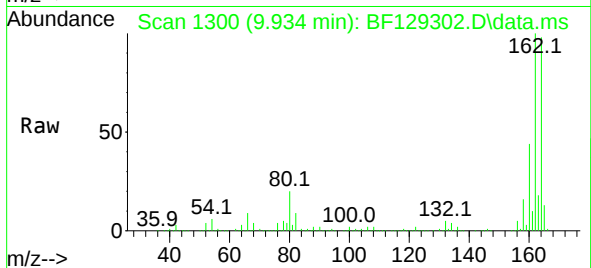
Acq: 21 Jul 2022 18:17

Instrument :

BNA_F

ClientSampleId :

LOQ-WATER-02-QT2-2022



Tgt Ion:164 Resp: 401064

Ion Ratio Lower Upper

164 100

162 101.9 79.5 119.3

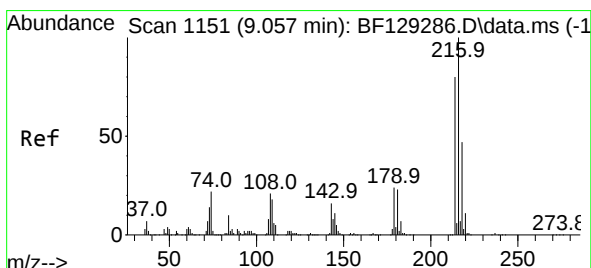
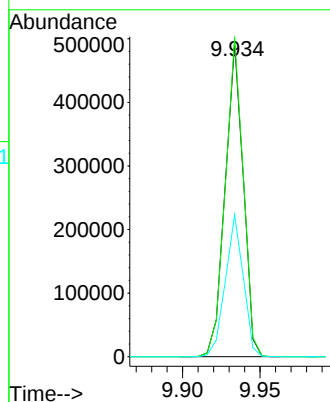
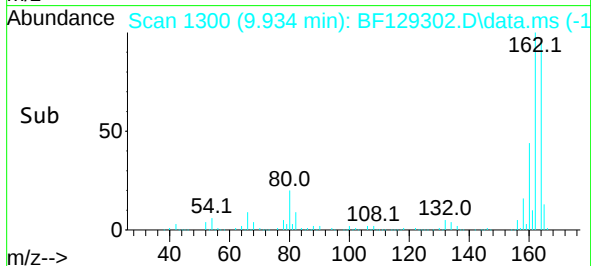
160 45.2 34.2 51.4

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: 4.881 ng

RT: 9.051 min Scan# 1150

Delta R.T. -0.006 min

Lab File: BF129302.D

Acq: 21 Jul 2022 18:17

Tgt Ion:216 Resp: 51393

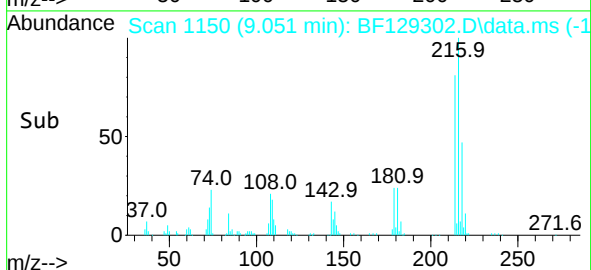
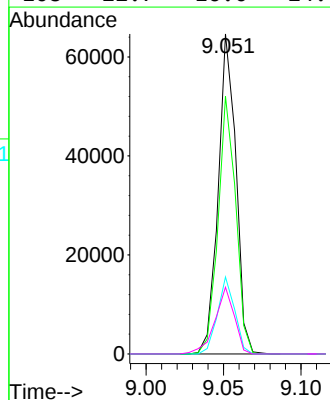
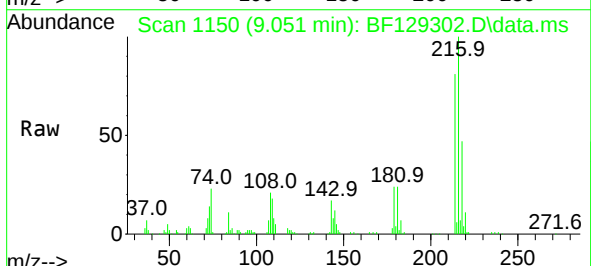
Ion Ratio Lower Upper

216 100

214 80.0 63.6 95.4

179 23.5 17.0 25.6

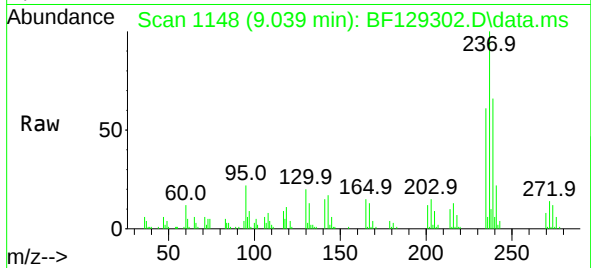
108 22.7 16.0 24.0





#41
Hexachlorocyclopentadiene
Concen: 4.585 ng
RT: 9.039 min Scan# 1148
Delta R.T. -0.006 min
Lab File: BF129302.D
Acq: 21 Jul 2022 18:17

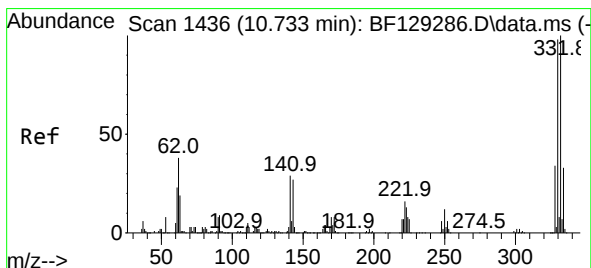
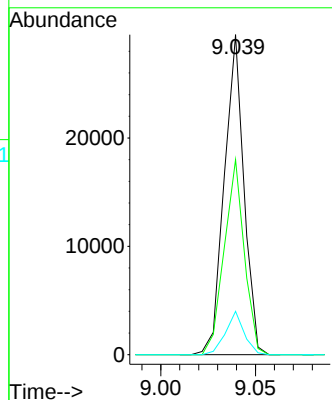
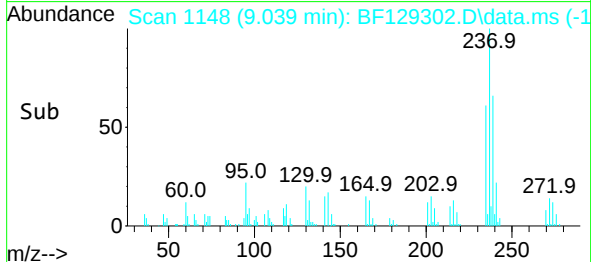
Instrument :
BNA_F
ClientSampleId :
LOQ-WATER-02-QT2-2022



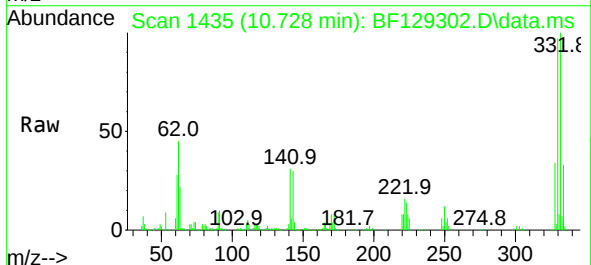
Tgt Ion:237 Resp: 21278
Ion Ratio Lower Upper
237 100
235 61.0 43.2 83.2
272 13.5 0.0 31.9

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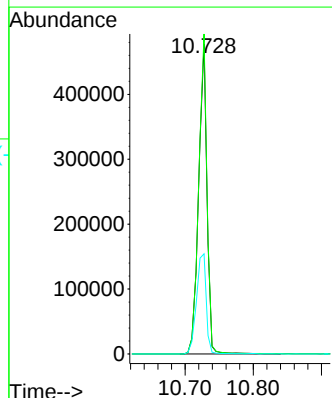
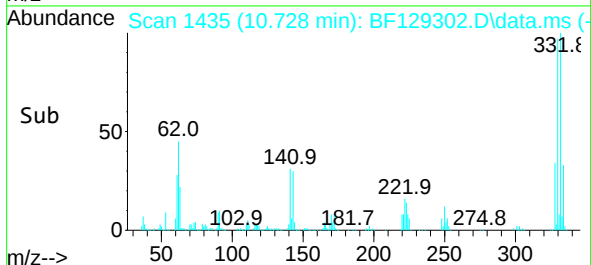
Reviewed By :Christian Giraldo 07/22/2022
Supervised By :Jagrut Upadhyay 07/22/2022

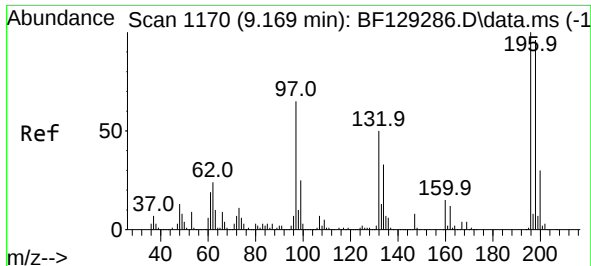


#42
2,4,6-Tribromophenol
Concen: 105.824 ng
RT: 10.728 min Scan# 1435
Delta R.T. -0.006 min
Lab File: BF129302.D
Acq: 21 Jul 2022 18:17



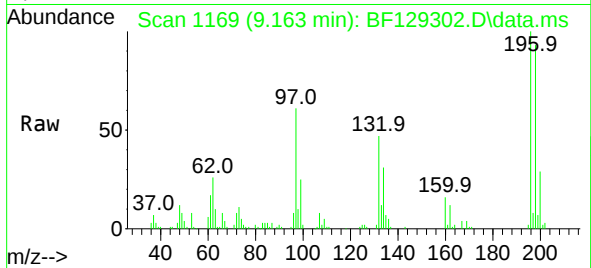
Tgt Ion:330 Resp: 409478
Ion Ratio Lower Upper
330 100
332 102.3 76.8 115.2
141 37.4 28.0 42.0





#43
2,4,6-Trichlorophenol
Concen: 4.463 ng
RT: 9.163 min Scan# 1169
Delta R.T. -0.006 min
Lab File: BF129302.D
Acq: 21 Jul 2022 18:17

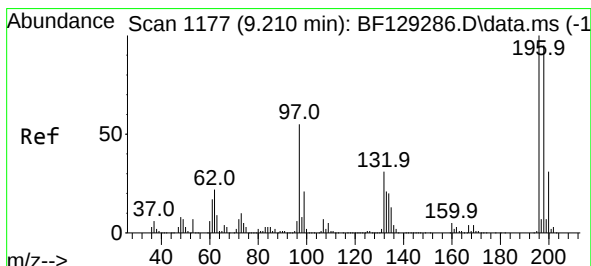
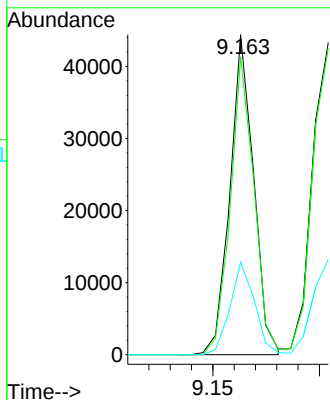
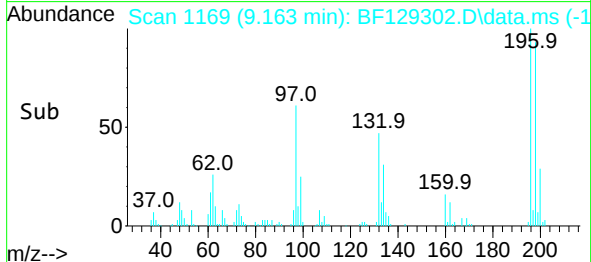
Instrument :
BNA_F
ClientSampleId :
LOQ-WATER-02-QT2-2022



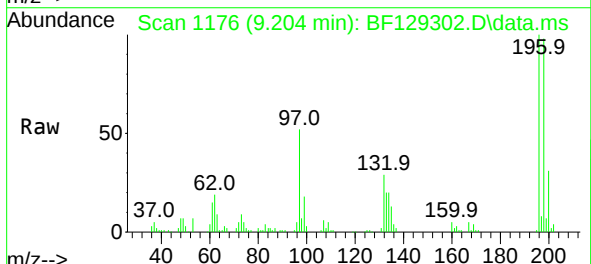
Tgt Ion:196 Resp: 3434
Ion Ratio Lower Upper
196 100
198 93.0 74.0 111.0
200 28.9 24.1 36.1

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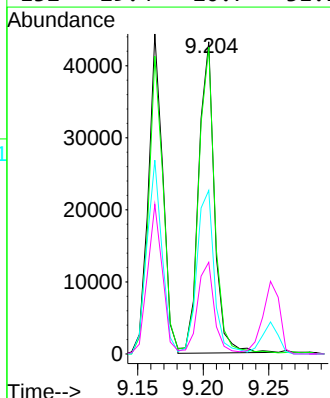
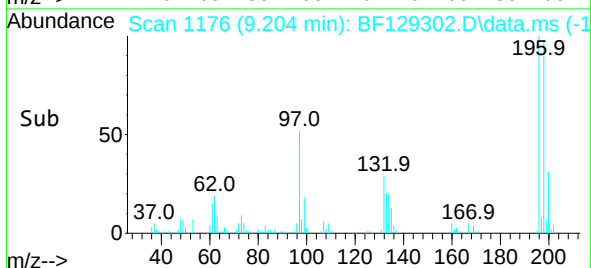
Reviewed By :Christian Giraldo 07/22/2022
Supervised By :Jagrut Upadhyay 07/22/2022

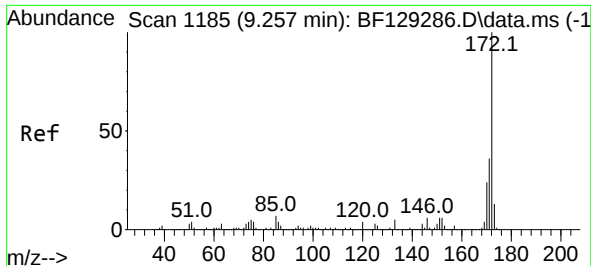


#44
2,4,5-Trichlorophenol
Concen: 4.339 ng
RT: 9.204 min Scan# 1176
Delta R.T. -0.006 min
Lab File: BF129302.D
Acq: 21 Jul 2022 18:17



Tgt Ion:196 Resp: 36222
Ion Ratio Lower Upper
196 100
198 98.2 75.7 113.5
97 52.4 36.4 54.6
132 29.4 20.7 31.1





#45

2-Fluorobiphenyl

Concen: 64.038 ng

RT: 9.251 min Scan# 1184

Delta R.T. -0.006 min

Lab File: BF129302.D

Acq: 21 Jul 2022 18:17

Instrument :

BNA_F

ClientSampleId :

LOQ-WATER-02-QT2-2022

Tgt Ion:172 Resp: 166953

Ion Ratio Lower Upper

172 100

171 35.6 28.8 43.2

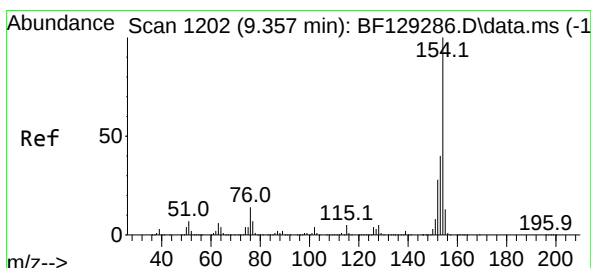
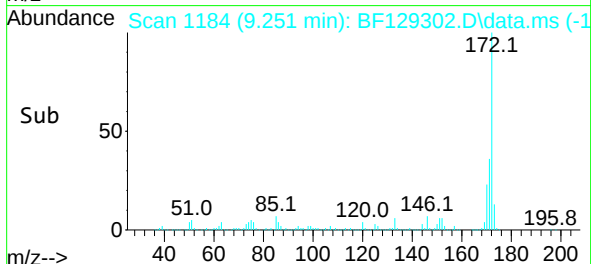
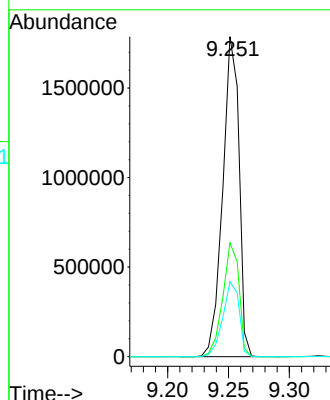
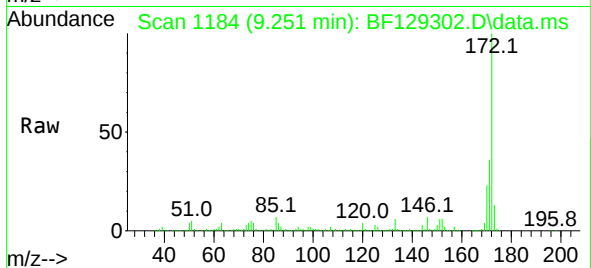
170 23.3 19.8 29.8

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 07/22/2022

Supervised By :Jagrut Upadhyay 07/22/2022



#46

1,1'-Biphenyl

Concen: 5.008 ng

RT: 9.351 min Scan# 1201

Delta R.T. -0.006 min

Lab File: BF129302.D

Acq: 21 Jul 2022 18:17

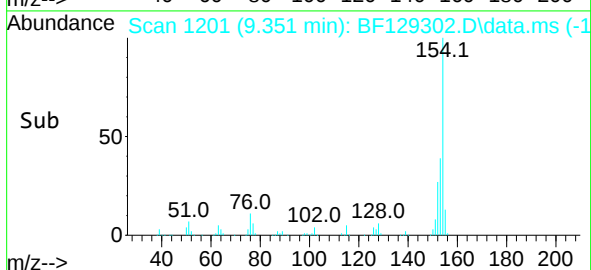
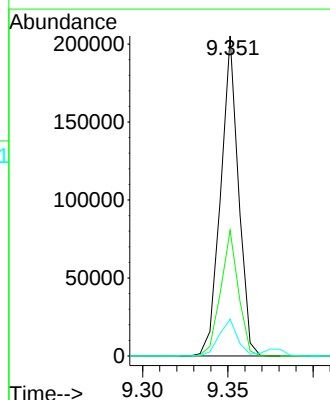
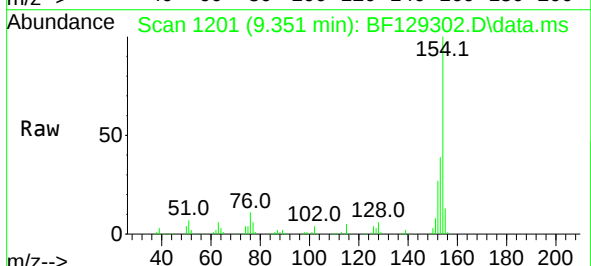
Tgt Ion:154 Resp: 148416

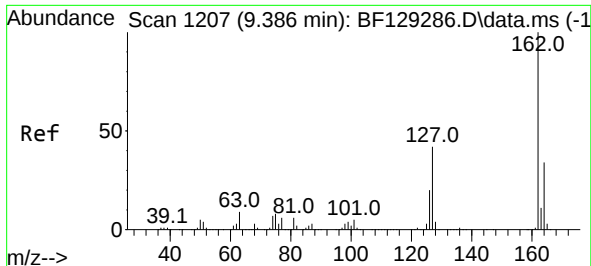
Ion Ratio Lower Upper

154 100

153 39.3 20.6 60.6

76 11.5 0.0 33.3





#47

2-Chloronaphthalene

Concen: 4.727 ng

RT: 9.381 min Scan# 112204

Delta R.T. -0.006 min

Lab File: BF129302.D

Acq: 21 Jul 2022 18:17

Instrument :

BNA_F

ClientSampleId :

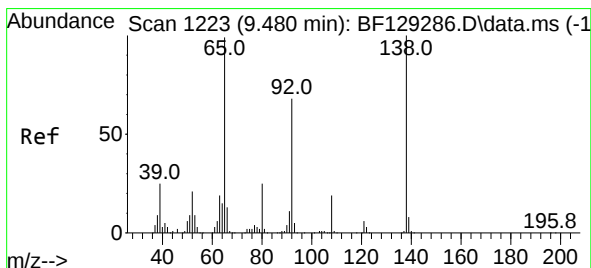
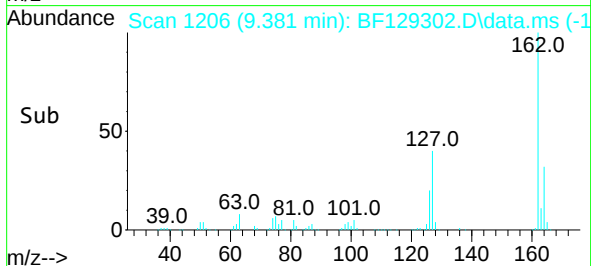
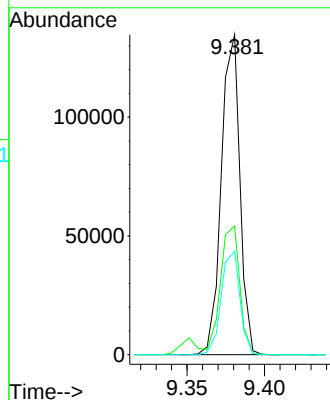
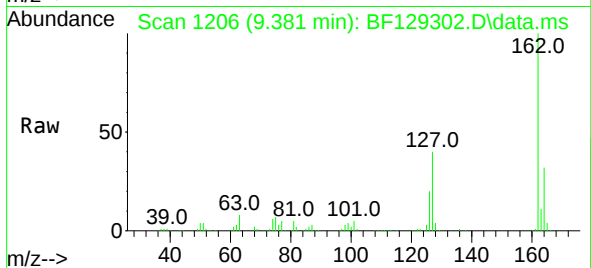
LOQ-WATER-02-QT2-2022

Tgt Ion:	162	Resp:	112204
Ion Ratio	Lower	Upper	
162	100		
127	40.2	34.5	51.7
164	32.3	26.5	39.7

Manual Integrations

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



#48

2-Nitroaniline

Concen: 4.615 ng

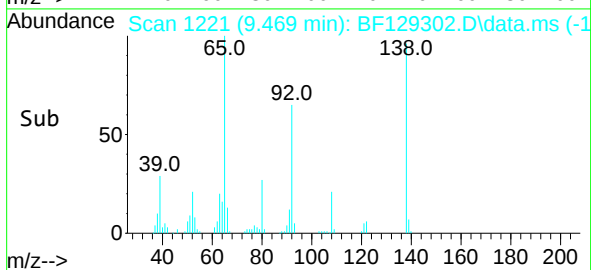
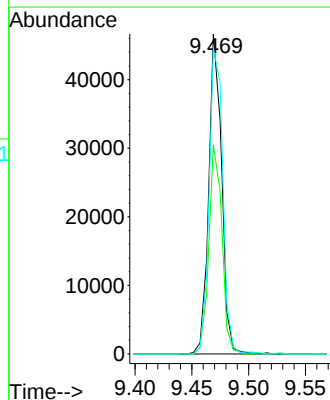
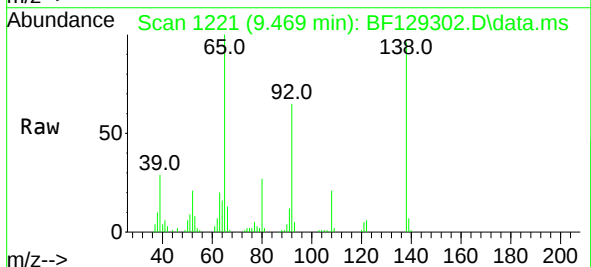
RT: 9.469 min Scan# 1221

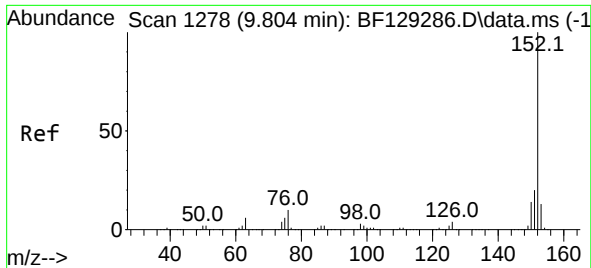
Delta R.T. -0.012 min

Lab File: BF129302.D

Acq: 21 Jul 2022 18:17

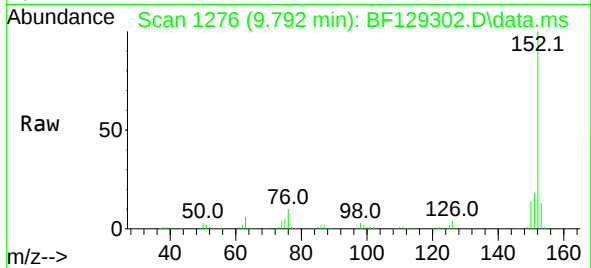
Tgt Ion:	65	Resp:	36796
Ion Ratio	Lower	Upper	
65	100		
92	65.3	51.9	77.9
138	95.6	76.4	114.6





#49
Acenaphthylene
Concen: 5.064 ng
RT: 9.792 min Scan# 11
Delta R.T. -0.012 min
Lab File: BF129302.D
Acq: 21 Jul 2022 18:17

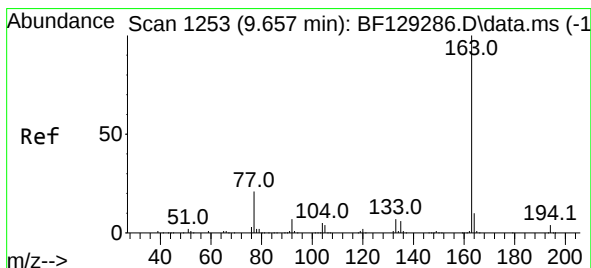
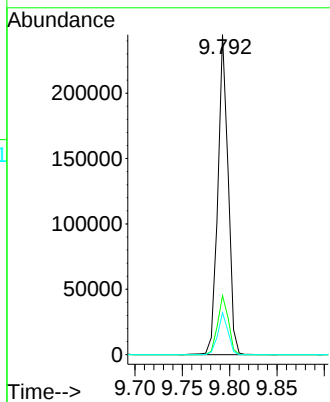
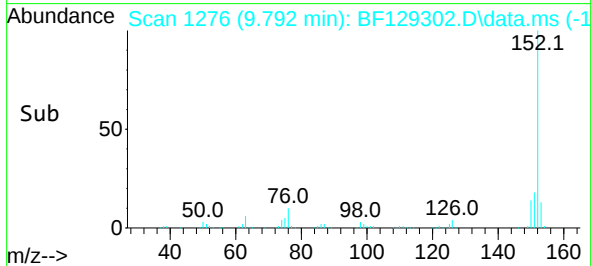
Instrument : BNA_F
ClientSampleId :
LOQ-WATER-02-QT2-2022



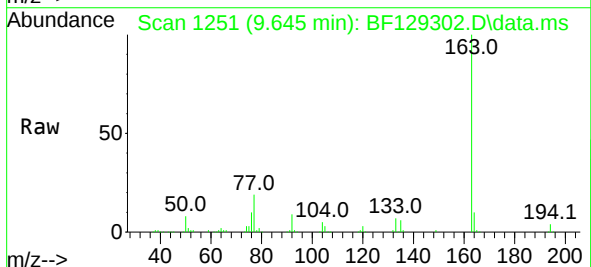
Tgt Ion:152 Resp: 18459
Ion Ratio Lower Upper
152 100
151 18.4 16.2 24.4
153 13.1 10.7 16.1

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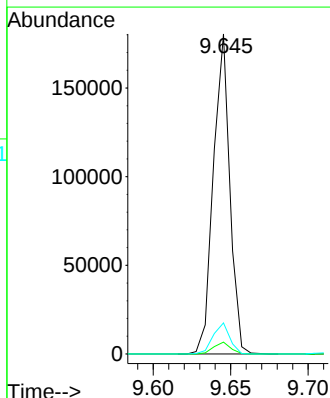
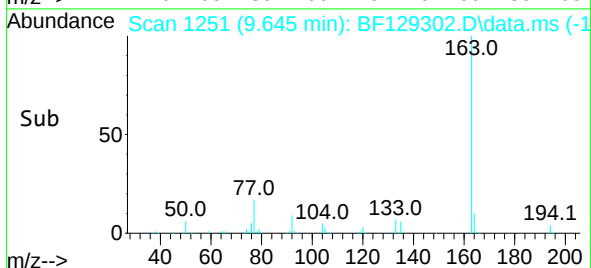
Reviewed By :Christian Giraldo 07/22/2022
Supervised By :Jagrut Upadhyay 07/22/2022

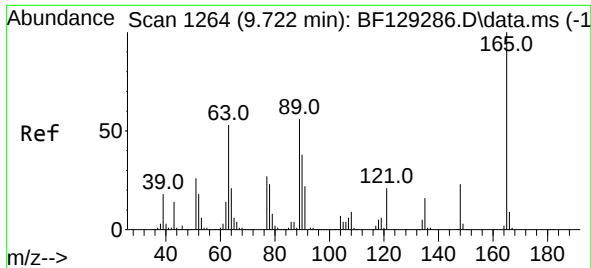


#50
Dimethylphthalate
Concen: 4.830 ng
RT: 9.645 min Scan# 1251
Delta R.T. -0.012 min
Lab File: BF129302.D
Acq: 21 Jul 2022 18:17



Tgt Ion:163 Resp: 133074
Ion Ratio Lower Upper
163 100
194 3.7 3.2 4.8
164 9.7 8.2 12.2





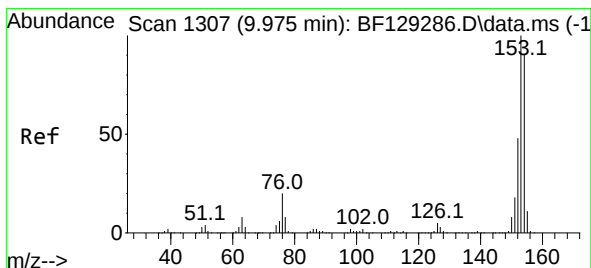
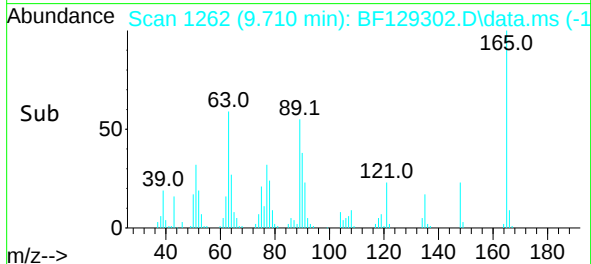
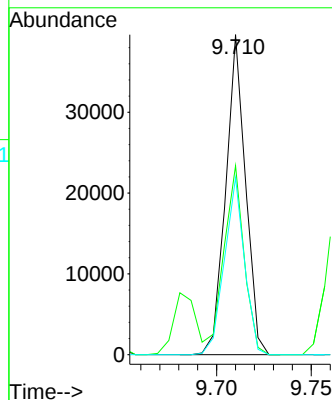
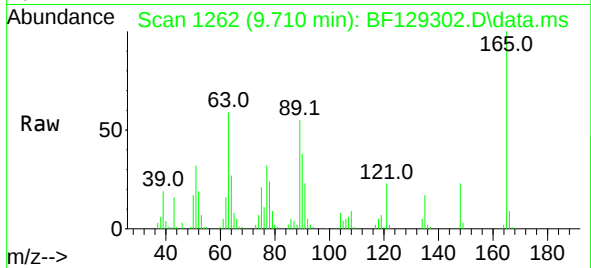
#51
2,6-Dinitrotoluene
Concen: 4.677 ng
RT: 9.710 min Scan# 1305
Delta R.T. -0.012 min
Lab File: BF129302.D
Acq: 21 Jul 2022 18:17

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

Tgt Ion:165 Resp: 28850
Ion Ratio Lower Upper
165 100
63 59.1 44.9 67.3
89 55.3 43.6 65.4

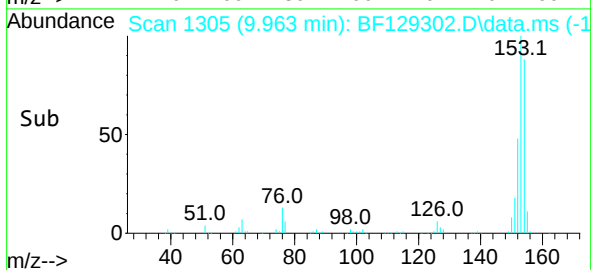
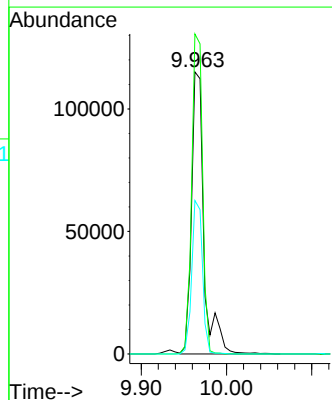
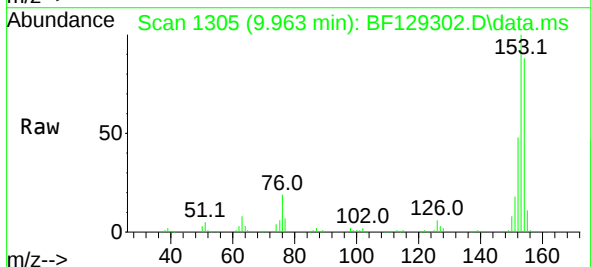
Manual Integrations
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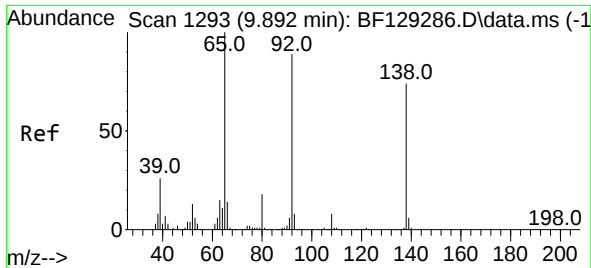
Reviewed By :Christian Giraldo 07/22/2022
Supervised By :Jagrut Upadhyay 07/22/2022



#52
Acenaphthene
Concen: 4.923 ng
RT: 9.963 min Scan# 1305
Delta R.T. -0.012 min
Lab File: BF129302.D
Acq: 21 Jul 2022 18:17

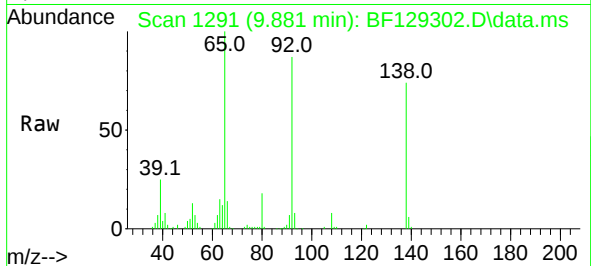
Tgt Ion:154 Resp: 116459
Ion Ratio Lower Upper
154 100
153 113.4 89.6 134.4
152 54.4 42.4 63.6





#53
3-Nitroaniline
Concen: 4.250 ng
RT: 9.881 min Scan# 11
Delta R.T. -0.012 min
Lab File: BF129302.D
Acq: 21 Jul 2022 18:17

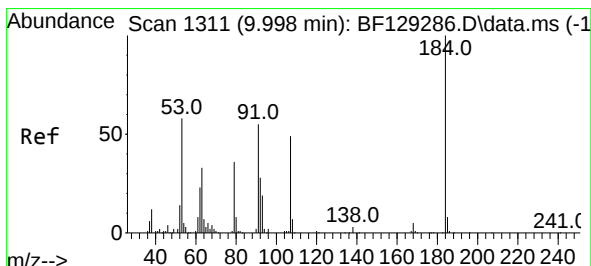
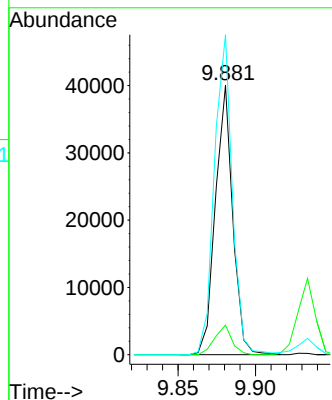
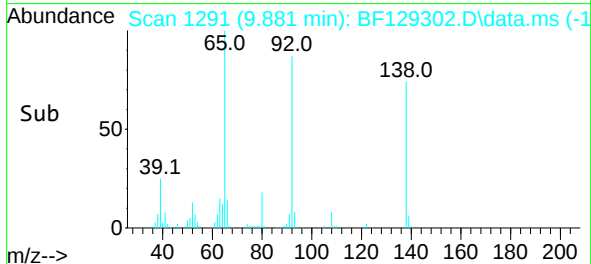
Instrument :
BNA_F
ClientSampleId :
LOQ-WATER-02-QT2-2022



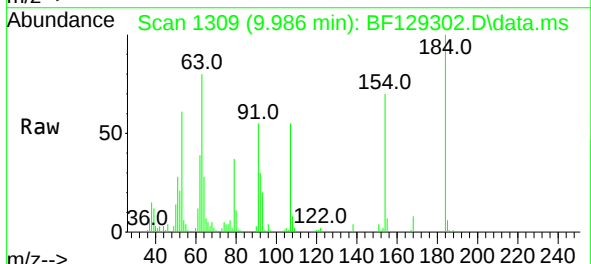
Tgt Ion:138 Resp: 3120
Ion Ratio Lower Upper
138 100
108 11.0 10.9 16.3
92 118.8 98.2 147.2

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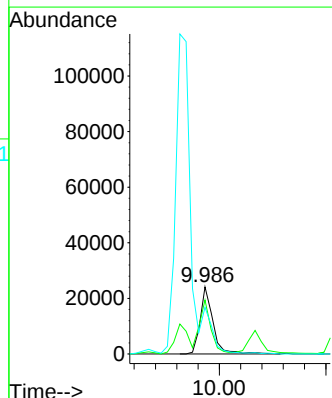
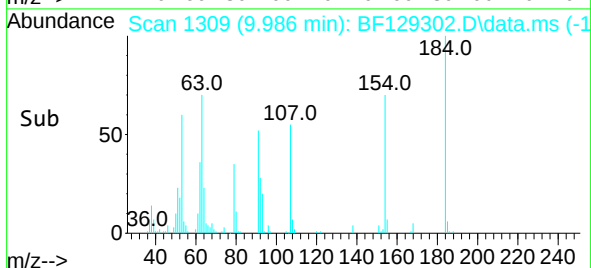
Reviewed By :Christian Giraldo 07/22/2022
Supervised By :Jagrut Upadhyay 07/22/2022

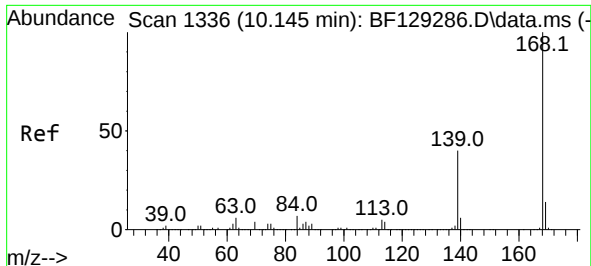


#54
2,4-Dinitrophenol
Concen: 6.477 ng
RT: 9.986 min Scan# 1309
Delta R.T. -0.012 min
Lab File: BF129302.D
Acq: 21 Jul 2022 18:17



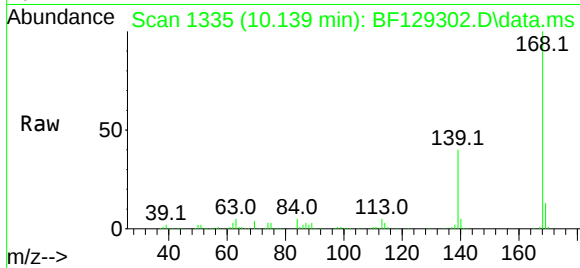
Tgt Ion:184 Resp: 20222
Ion Ratio Lower Upper
184 100
63 80.4 64.5 96.7
154 69.6 50.6 75.8





#55
Dibenzenofuran
Concen: 4.894 ng
RT: 10.139 min Scan# 1335
Delta R.T. -0.006 min
Lab File: BF129302.D
Acq: 21 Jul 2022 18:17

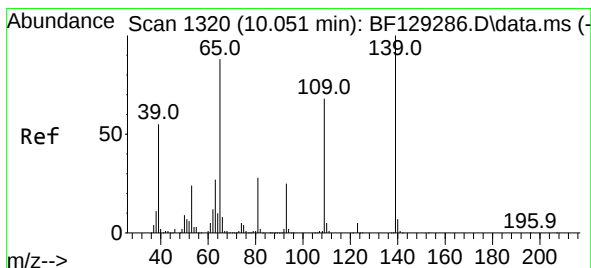
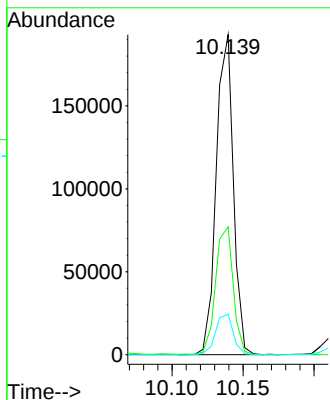
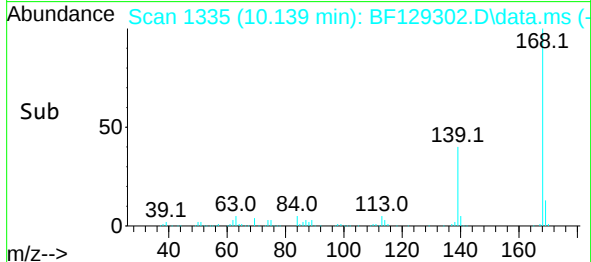
Instrument :
BNA_F
ClientSampleId :
LOQ-WATER-02-QT2-2022



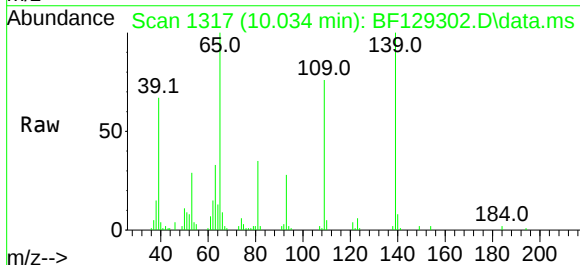
Tgt Ion:168 Resp: 16089
Ion Ratio Lower Upper
168 100
139 40.0 30.6 46.0
169 12.6 11.0 16.6

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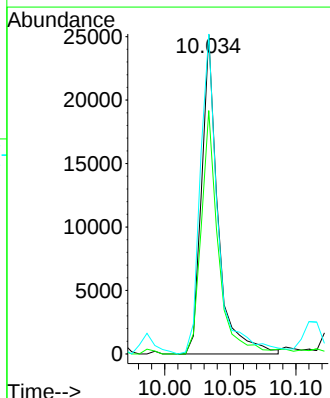
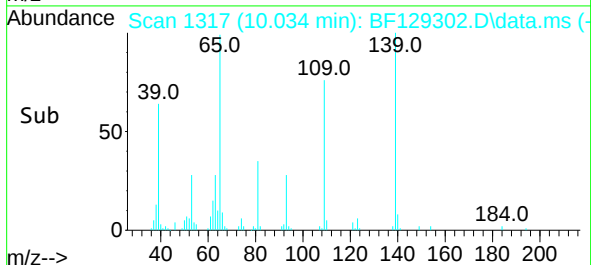
Reviewed By :Christian Giraldo 07/22/2022
Supervised By :Jagrut Upadhyay 07/22/2022

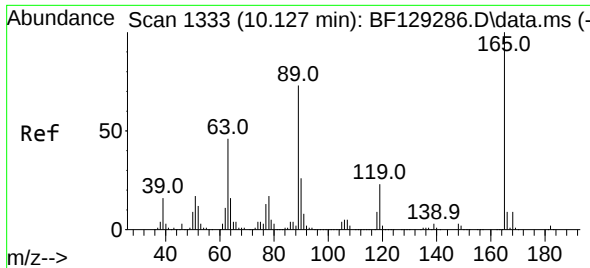


#56
4-Nitrophenol
Concen: 4.086 ng
RT: 10.034 min Scan# 1317
Delta R.T. -0.017 min
Lab File: BF129302.D
Acq: 21 Jul 2022 18:17



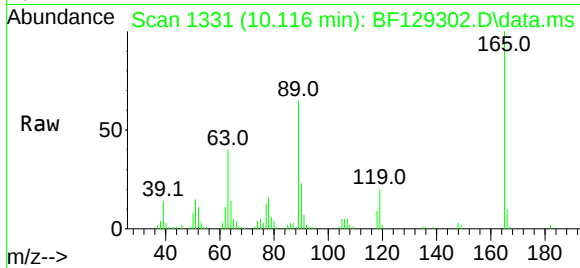
Tgt Ion:139 Resp: 21903
Ion Ratio Lower Upper
139 100
109 76.2 50.7 90.7
65 100.2 74.5 114.5





#57
2,4-Dinitrotoluene
Concen: 4.704 ng
RT: 10.116 min Scan# 11
Delta R.T. -0.012 min
Lab File: BF129302.D
Acq: 21 Jul 2022 18:17

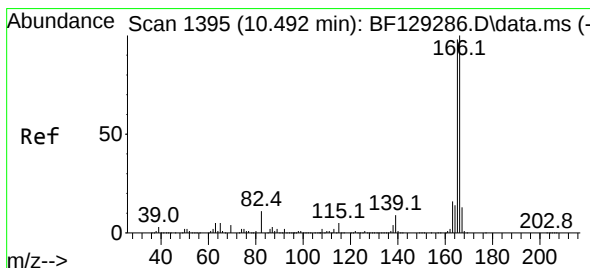
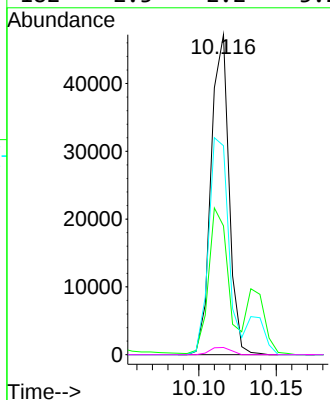
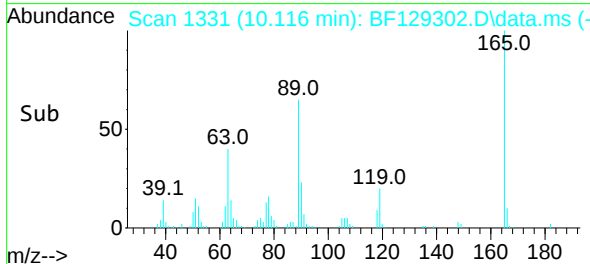
Instrument :
BNA_F
ClientSampleId :
LOQ-WATER-02-QT2-2022



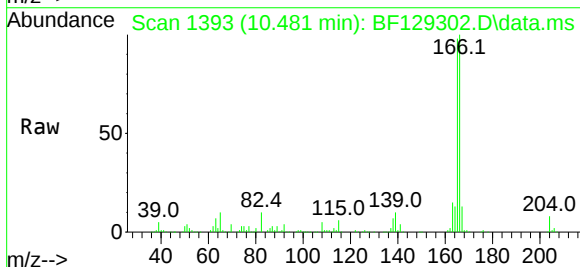
Tgt Ion:165 Resp: 3804
Ion Ratio Lower Upper
165 100
63 40.2 39.8 59.6
89 65.3 60.2 90.2
182 2.3 2.2 3.2

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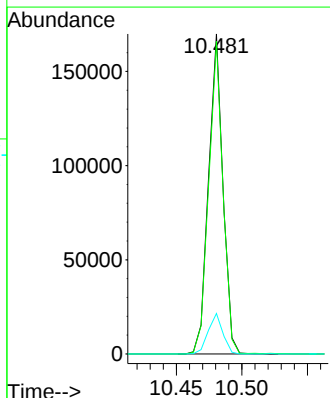
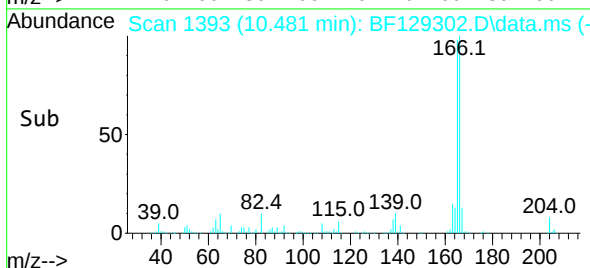
Reviewed By :Christian Giraldo 07/22/2022
Supervised By :Jagrut Upadhyay 07/22/2022

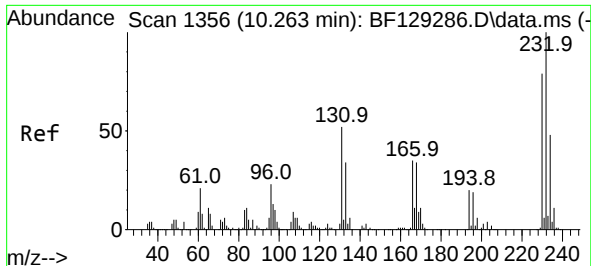


#58
Fluorene
Concen: 4.934 ng
RT: 10.481 min Scan# 1393
Delta R.T. -0.012 min
Lab File: BF129302.D
Acq: 21 Jul 2022 18:17



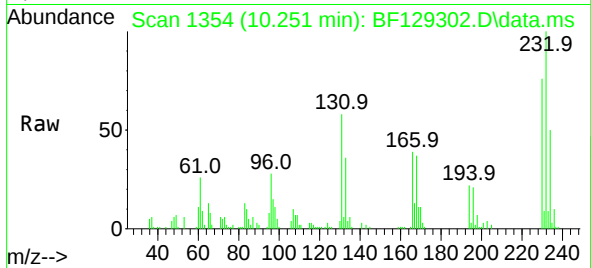
Tgt Ion:166 Resp: 129473
Ion Ratio Lower Upper
166 100
165 97.7 78.1 117.1
167 12.6 10.5 15.7





#59
2,3,4,6-Tetrachlorophenol
Concen: 4.341 ng m
RT: 10.251 min Scan# 1354
Delta R.T. -0.012 min
Lab File: BF129302.D
Acq: 21 Jul 2022 18:17

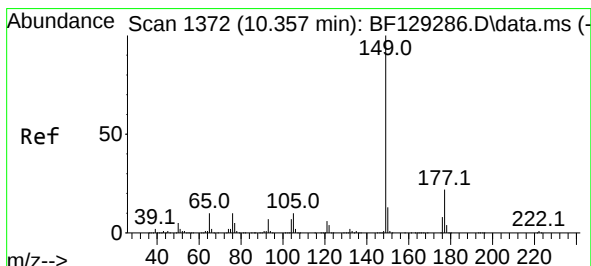
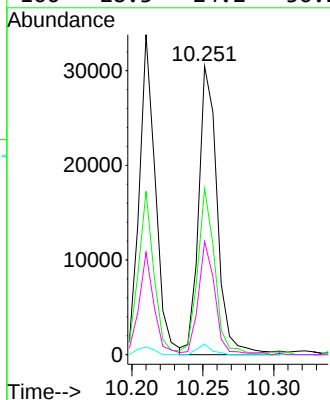
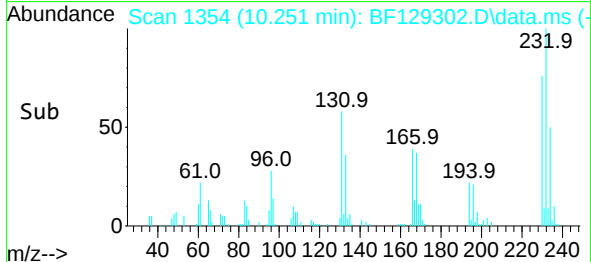
Instrument :
BNA_F
ClientSampleId :
LOQ-WATER-02-QT2-2022



Tgt Ion:232 Resp: 27931
Ion Ratio Lower Upper
232 100
131 47.1 36.1 54.1
130 2.4 1.8 2.8
166 28.3 24.2 36.2

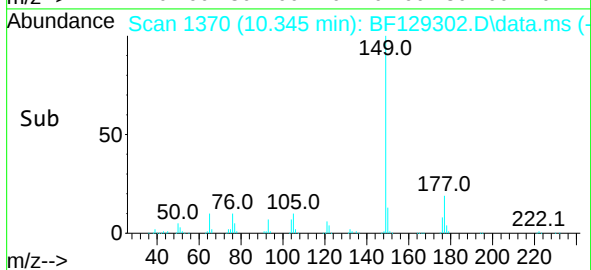
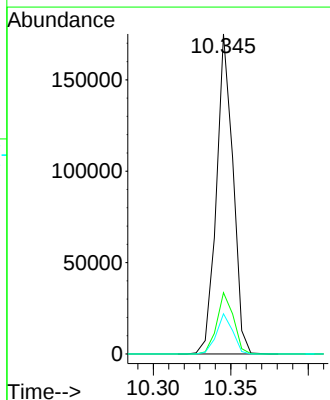
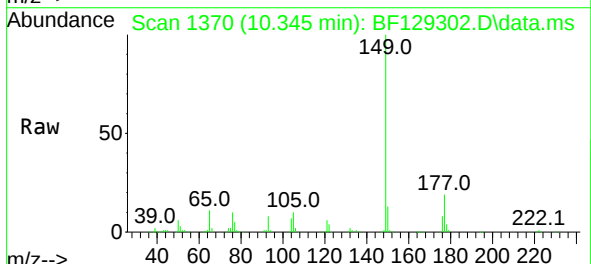
Manual Integrations
APPROVED

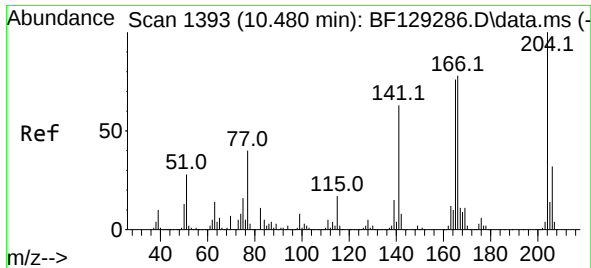
Reviewed By :Christian Giraldo 07/22/2022
Supervised By :Jagrut Upadhyay 07/22/2022



#60
Diethylphthalate
Concen: 4.899 ng
RT: 10.345 min Scan# 1370
Delta R.T. -0.012 min
Lab File: BF129302.D
Acq: 21 Jul 2022 18:17

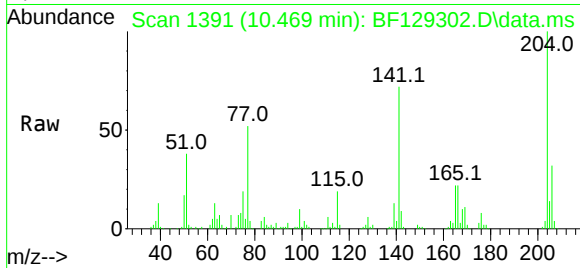
Tgt Ion:149 Resp: 129867
Ion Ratio Lower Upper
149 100
177 19.2 17.3 25.9
150 12.6 10.2 15.2





#61
4-Chlorophenyl-phenylether
Concen: 5.096 ng
RT: 10.469 min Scan# 1391
Delta R.T. -0.012 min
Lab File: BF129302.D
Acq: 21 Jul 2022 18:17

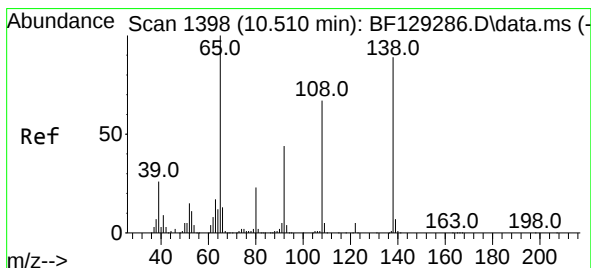
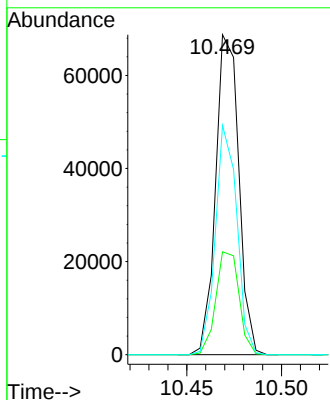
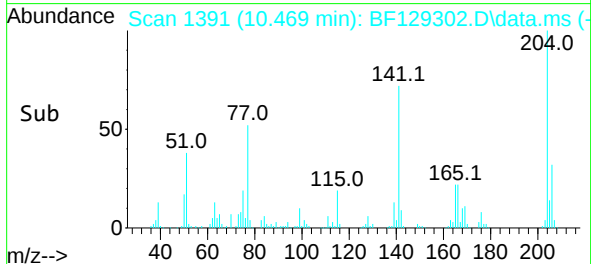
Instrument : BNA_F
ClientSampleId : LOQ-WATER-02-QT2-2022



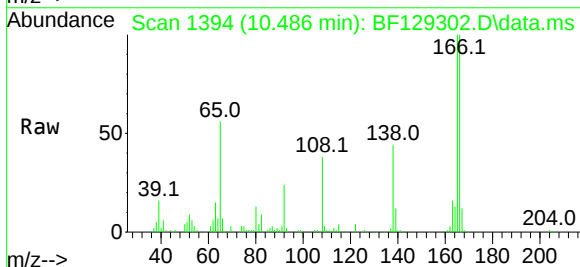
Tgt Ion:204 Resp: 58498
Ion Ratio Lower Upper
204 100
206 32.2 25.8 38.6
141 71.6 47.0 70.4

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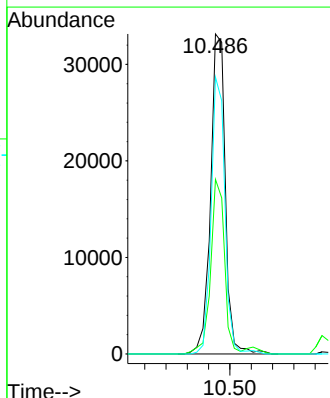
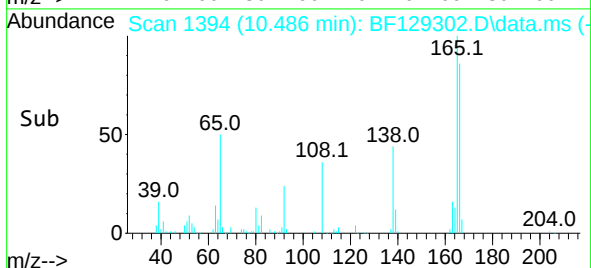
Reviewed By :Christian Giraldo 07/22/2022
Supervised By :Jagrut Upadhyay 07/22/2022

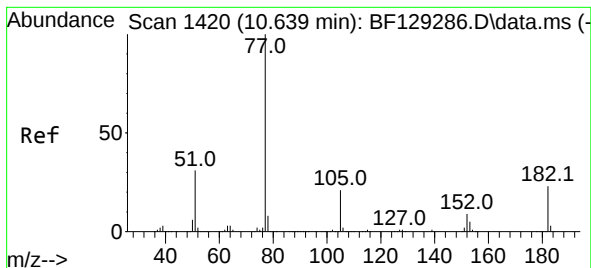


#62
4-Nitroaniline
Concen: 4.398 ng
RT: 10.486 min Scan# 1394
Delta R.T. -0.023 min
Lab File: BF129302.D
Acq: 21 Jul 2022 18:17



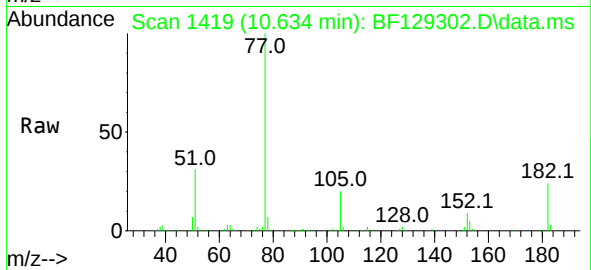
Tgt Ion:138 Resp: 31892
Ion Ratio Lower Upper
138 100
92 54.6 33.5 73.5
108 86.5 61.0 101.0





#63
 Azobenzene
 Concen: 4.641 ng
 RT: 10.634 min Scan# 1419
 Delta R.T. -0.006 min
 Lab File: BF129302.D
 Acq: 21 Jul 2022 18:17

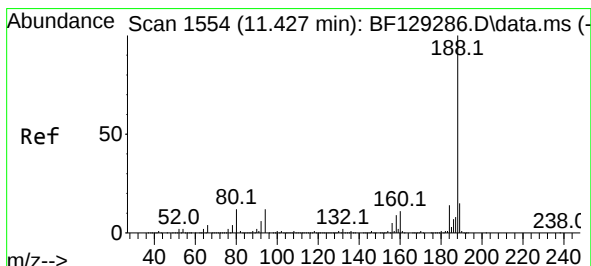
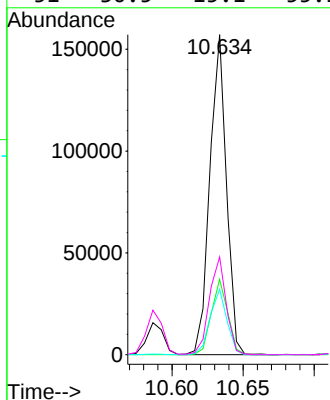
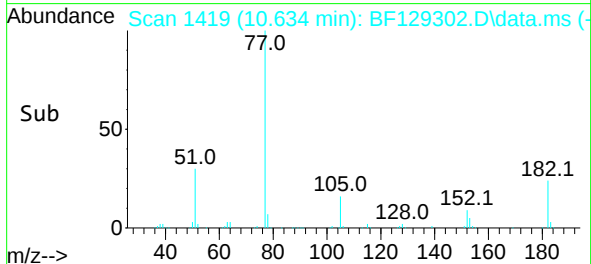
Instrument : BNA_F
 ClientSampleId : LOQ-WATER-02-QT2-2022



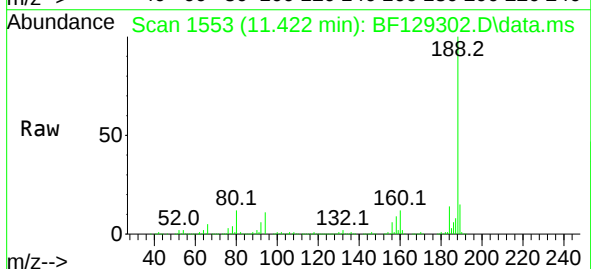
Tgt Ion: 77 Resp: 12729
 Ion Ratio Lower Upper
 77 100
 182 23.6 5.6 45.6
 105 20.4 1.6 41.6
 51 30.5 15.1 55.1

Manual Integrations
 APPROVED

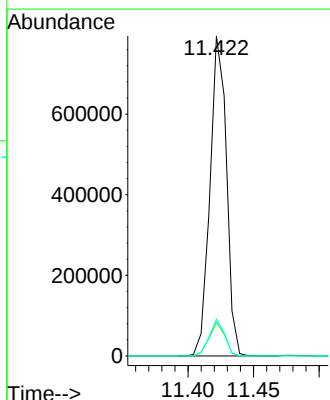
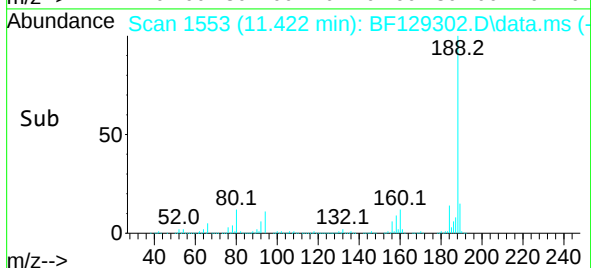
Reviewed By :Christian Giraldo 07/22/2022
 Supervised By :Jagrut Upadhyay 07/22/2022

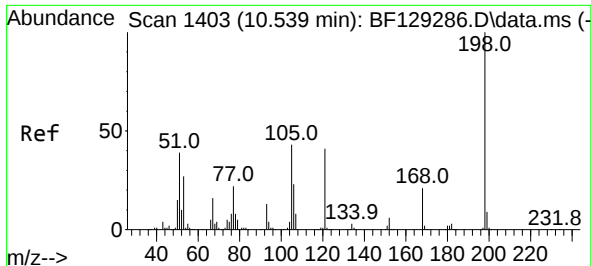


#64
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 11.422 min Scan# 1553
 Delta R.T. -0.006 min
 Lab File: BF129302.D
 Acq: 21 Jul 2022 18:17



Tgt Ion:188 Resp: 694520
 Ion Ratio Lower Upper
 188 100
 94 10.6 7.0 10.6#
 80 11.5 7.6 11.4#





#65

4,6-Dinitro-2-methylphenol

Concen: 3.942 ng

RT: 10.522 min Scan# 1400

Delta R.T. -0.017 min

Lab File: BF129302.D

Acq: 21 Jul 2022 18:17

Instrument :

BNA_F

ClientSampleId :

LOQ-WATER-02-QT2-2022

Tgt Ion:198 Resp: 16839

Ion Ratio Lower Upper

198 100

51 55.2 37.6 77.6

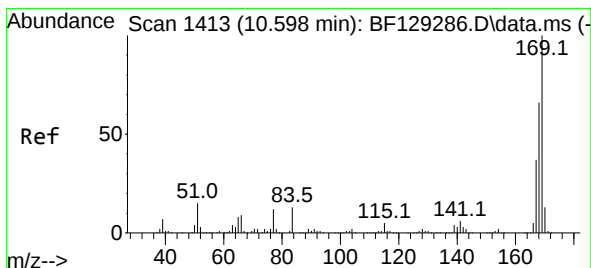
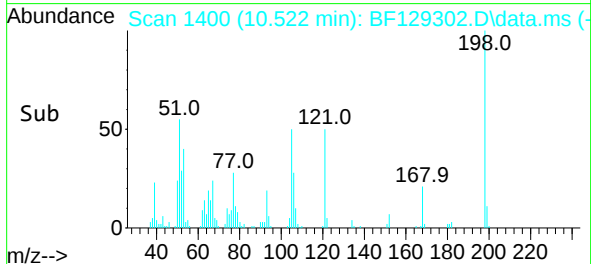
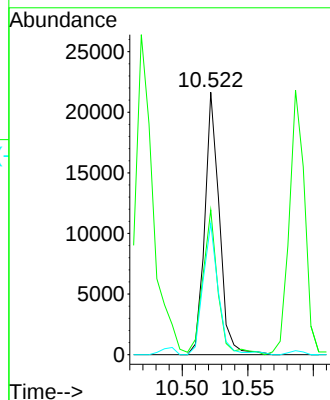
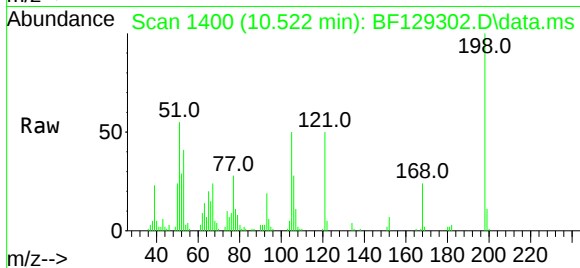
105 50.1 27.0 67.0

Manual Integrations

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Reviewed By :Christian Giraldo 07/22/2022

Supervised By :Jagrut Upadhyay 07/22/2022



#66

n-Nitrosodiphenylamine

Concen: 4.756 ng

RT: 10.586 min Scan# 1411

Delta R.T. -0.012 min

Lab File: BF129302.D

Acq: 21 Jul 2022 18:17

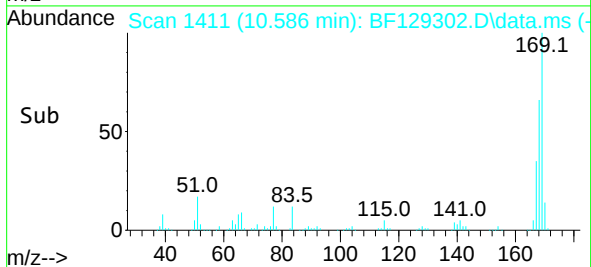
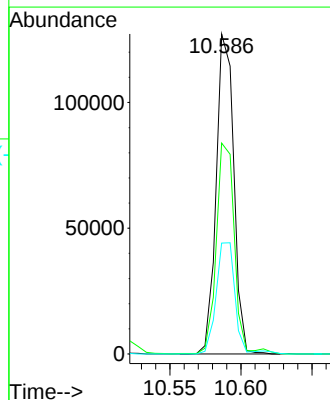
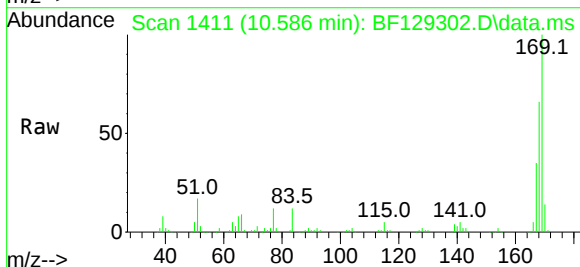
Tgt Ion:169 Resp: 109211

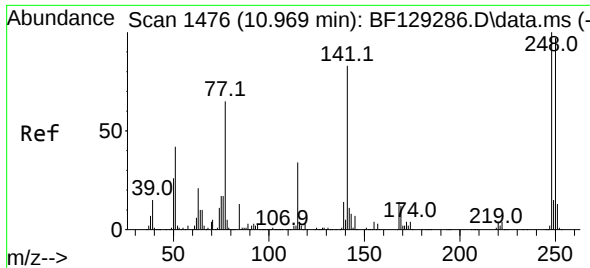
Ion Ratio Lower Upper

169 100

168 65.9 50.1 75.1

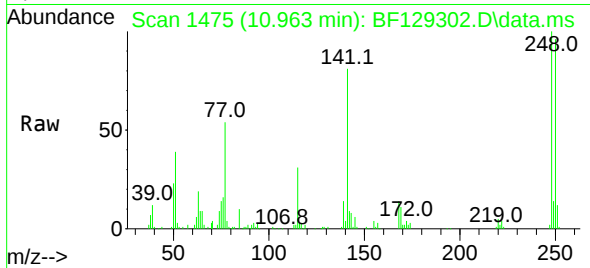
167 34.7 27.9 41.9





#67
4-Bromophenyl-phenylether
Concen: 4.771 ng
RT: 10.963 min Scan# 1475
Delta R.T. -0.006 min
Lab File: BF129302.D
Acq: 21 Jul 2022 18:17

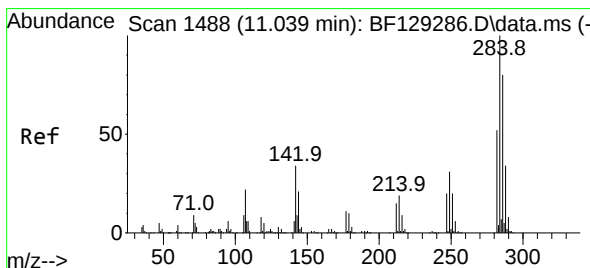
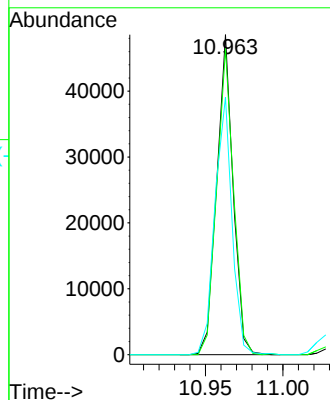
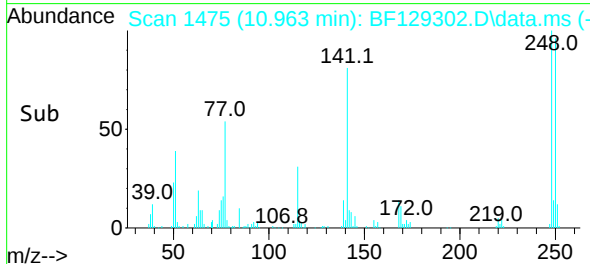
Instrument : BNA_F
ClientSampleId : LOQ-WATER-02-QT2-2022



Tgt Ion:248 Resp: 3575
Ion Ratio Lower Upper
248 100
250 95.7 80.6 120.8
141 80.5 58.9 88.3

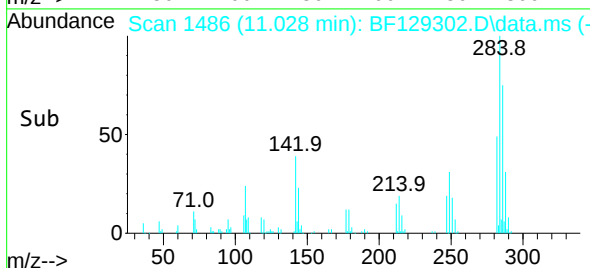
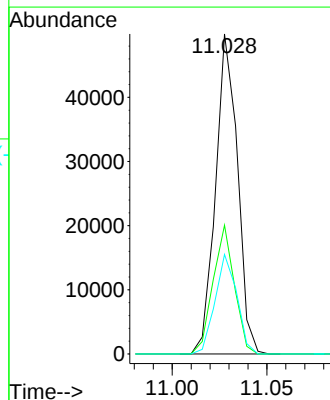
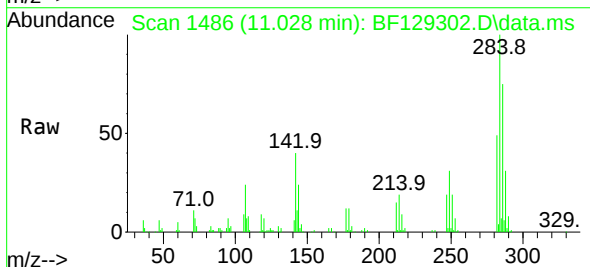
Manual Integrations
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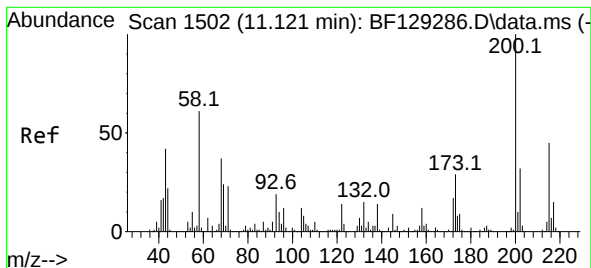
Reviewed By :Christian Giraldo 07/22/2022
Supervised By :Jagrut Upadhyay 07/22/2022



#68
Hexachlorobenzene
Concen: 4.889 ng
RT: 11.028 min Scan# 1486
Delta R.T. -0.012 min
Lab File: BF129302.D
Acq: 21 Jul 2022 18:17

Tgt Ion:284 Resp: 40127
Ion Ratio Lower Upper
284 100
142 40.3 29.0 43.4
249 31.1 25.0 37.6





#69

Atrazine

Concen: 4.932 ng

RT: 11.110 min Scan# 1510

Delta R.T. -0.012 min

Lab File: BF129302.D

Acq: 21 Jul 2022 18:17

Instrument :

BNA_F

ClientSampleId :

LOQ-WATER-02-QT2-2022

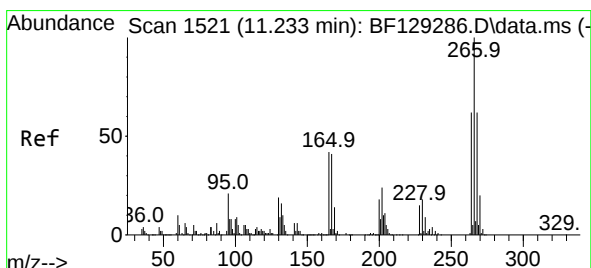
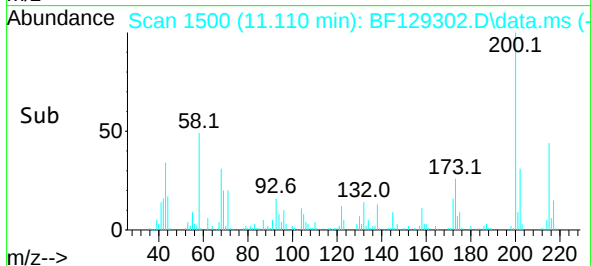
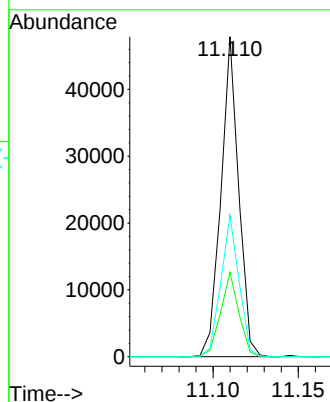
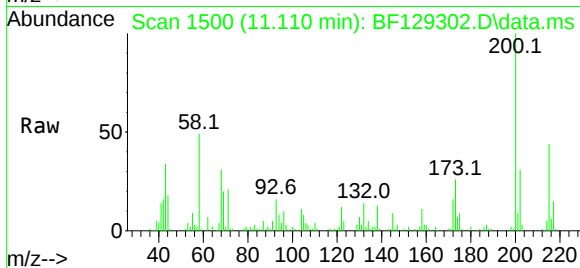
Tgt Ion:200 Resp: 34609
 Ion Ratio Lower Upper
 200 100
 173 26.4 6.3 46.3
 215 44.2 28.3 68.3

Manual Integrations

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Reviewed By :Christian Giraldo 07/22/2022

Supervised By :Jagrut Upadhyay 07/22/2022



#70

Pentachlorophenol

Concen: 3.723 ng

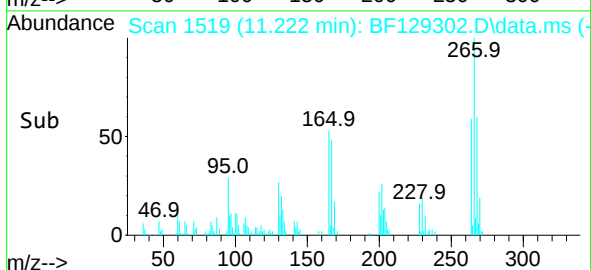
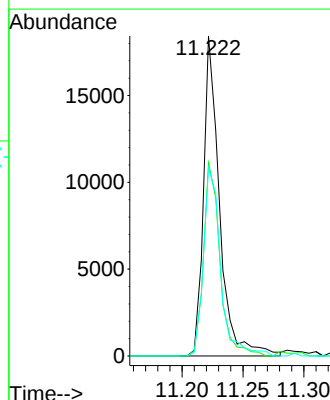
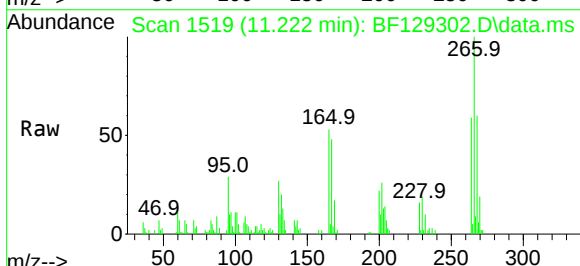
RT: 11.222 min Scan# 1519

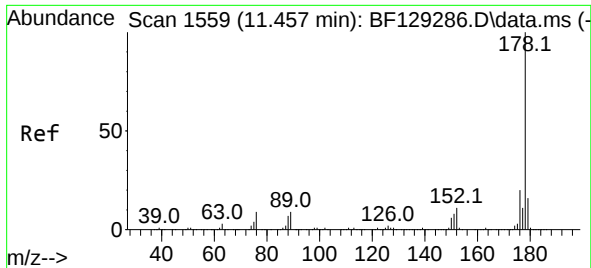
Delta R.T. -0.012 min

Lab File: BF129302.D

Acq: 21 Jul 2022 18:17

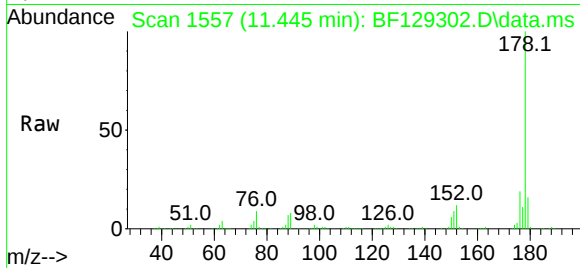
Tgt Ion:266 Resp: 16799
 Ion Ratio Lower Upper
 266 100
 268 60.4 51.0 76.4
 264 58.8 49.4 74.2





#71
Phenanthrene
Concen: 4.805 ng
RT: 11.445 min Scan# 1559
Delta R.T. -0.012 min
Lab File: BF129302.D
Acq: 21 Jul 2022 18:17

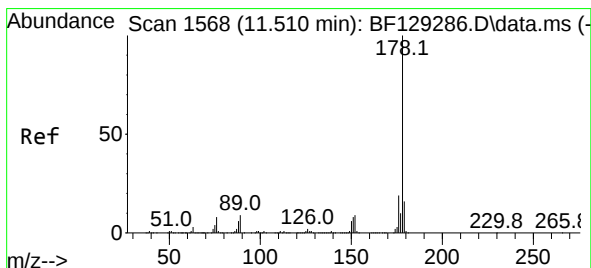
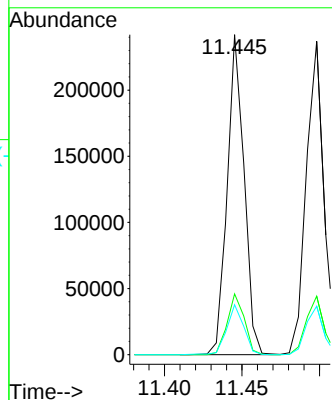
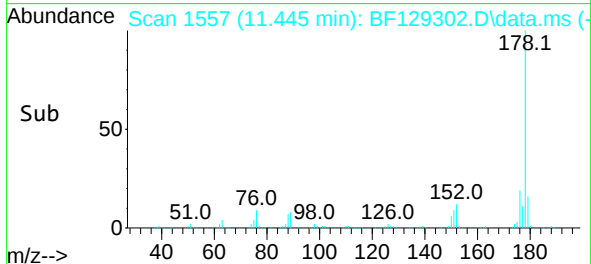
Instrument :
BNA_F
ClientSampleId :
LOQ-WATER-02-QT2-2022



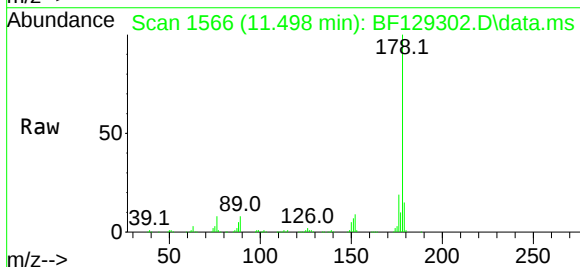
Tgt Ion:178 Resp: 183184
Ion Ratio Lower Upper
178 100
176 19.0 16.0 24.0
179 15.6 12.6 19.0

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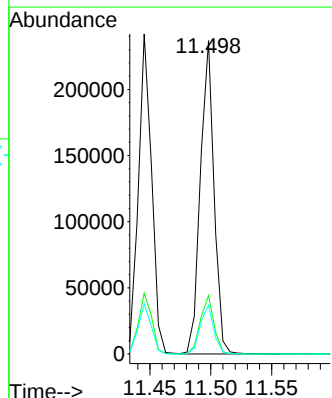
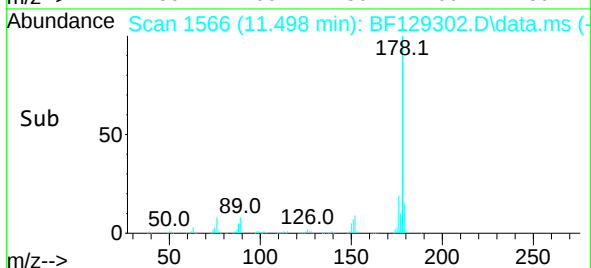
Reviewed By :Christian Giraldo 07/22/2022
Supervised By :Jagrut Upadhyay 07/22/2022

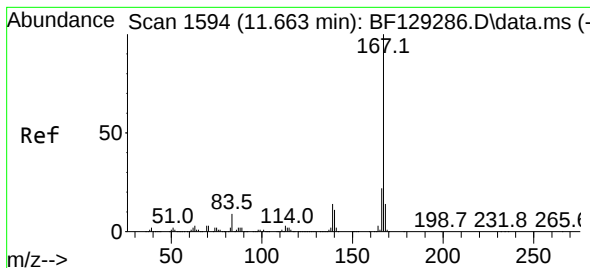


#72
Anthracene
Concen: 4.912 ng
RT: 11.498 min Scan# 1566
Delta R.T. -0.012 min
Lab File: BF129302.D
Acq: 21 Jul 2022 18:17



Tgt Ion:178 Resp: 185545
Ion Ratio Lower Upper
178 100
176 18.7 15.4 23.2
179 15.5 12.6 19.0





#73

Carbazole

Concen: 4.904 ng

RT: 11.651 min Scan# 1592

Delta R.T. -0.012 min

Lab File: BF129302.D

Acq: 21 Jul 2022 18:17

Instrument :

BNA_F

ClientSampleId :

LOQ-WATER-02-QT2-2022

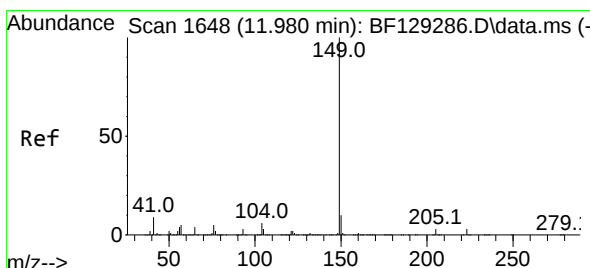
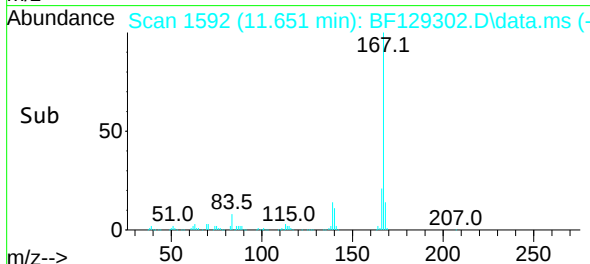
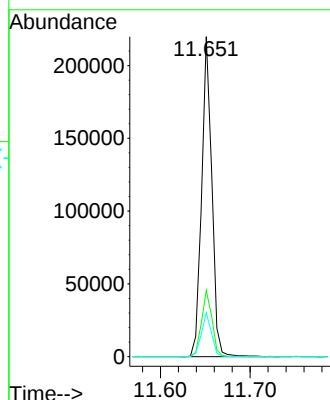
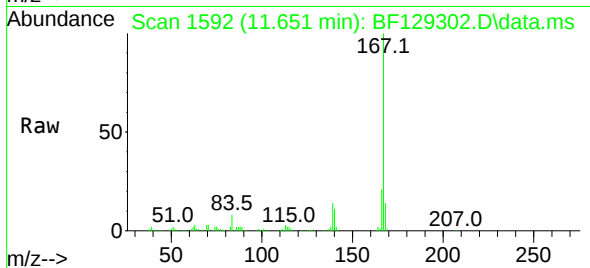
Tgt Ion:167	Resp: 172789
Ion Ratio	Lower Upper
167 100	
166 20.7	17.7 26.5
139 13.8	11.2 16.8

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: 4.868 ng

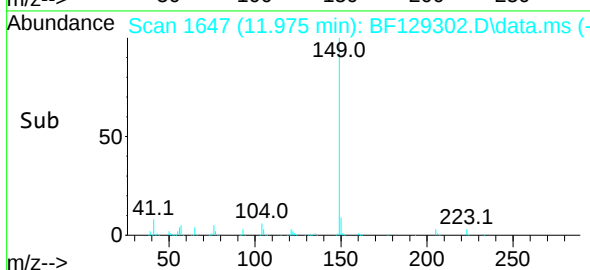
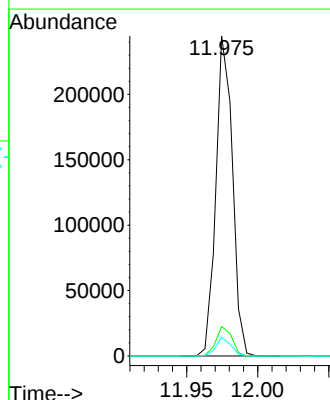
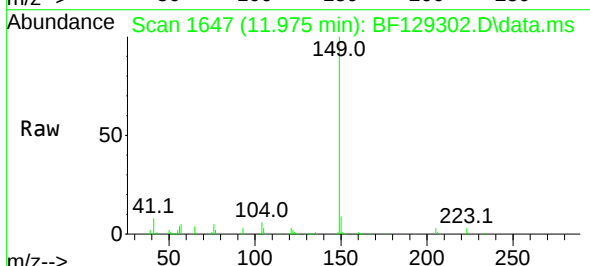
RT: 11.975 min Scan# 1647

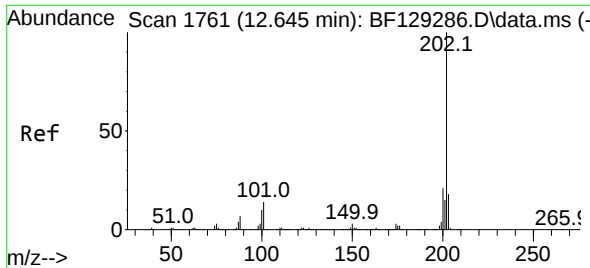
Delta R.T. -0.006 min

Lab File: BF129302.D

Acq: 21 Jul 2022 18:17

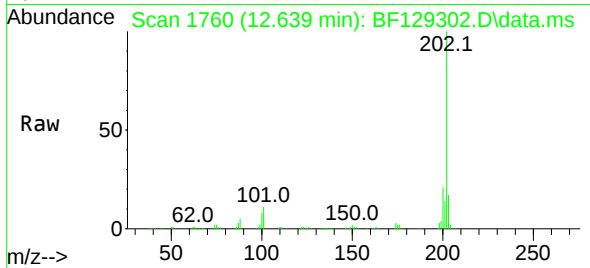
Tgt Ion:149	Resp: 198187
Ion Ratio	Lower Upper
149 100	
150 9.2	7.5 11.3
104 5.9	4.4 6.6





#75
Fluoranthene
Concen: 4.871 ng
RT: 12.639 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF129302.D
Acq: 21 Jul 2022 18:17

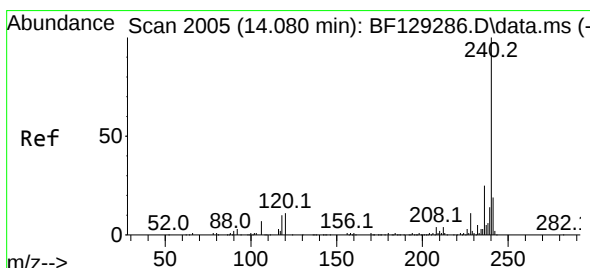
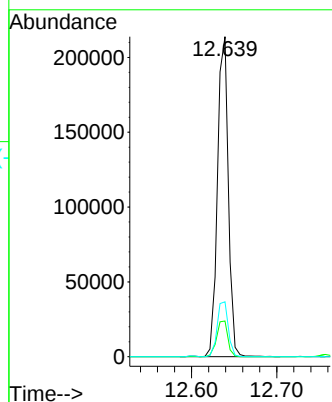
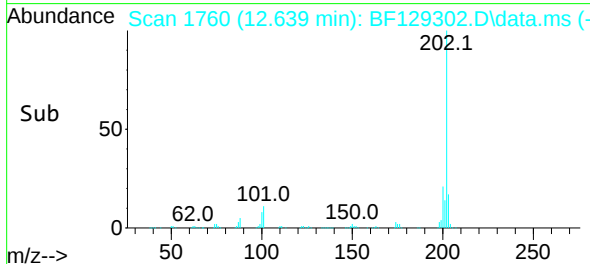
Instrument :
BNA_F
ClientSampleId :
LOQ-WATER-02-QT2-2022



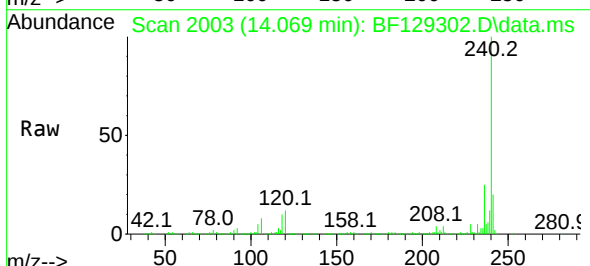
Tgt Ion:202 Resp: 189250
Ion Ratio Lower Upper
202 100
101 11.1 0.0 31.4
203 17.2 0.0 38.0

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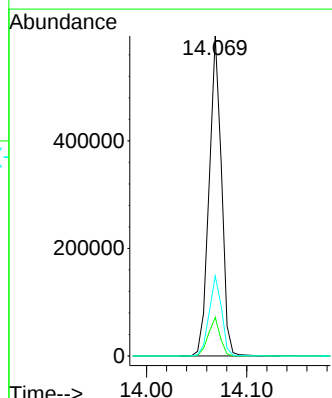
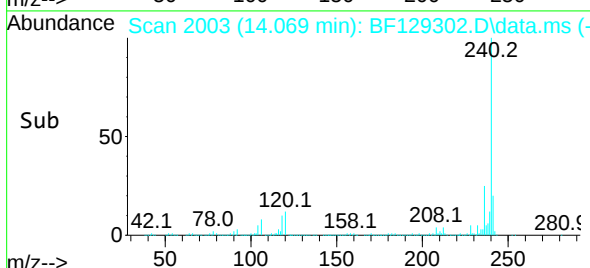
Reviewed By :Christian Giraldo 07/22/2022
Supervised By :Jagrut Upadhyay 07/22/2022

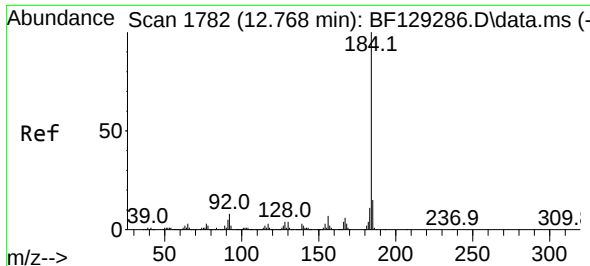


#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.069 min Scan# 2003
Delta R.T. -0.012 min
Lab File: BF129302.D
Acq: 21 Jul 2022 18:17



Tgt Ion:240 Resp: 510868
Ion Ratio Lower Upper
240 100
120 12.1 8.9 13.3
236 25.0 20.8 31.2





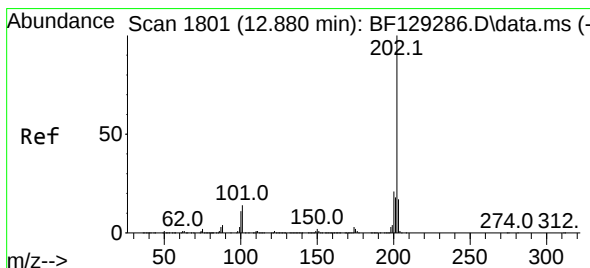
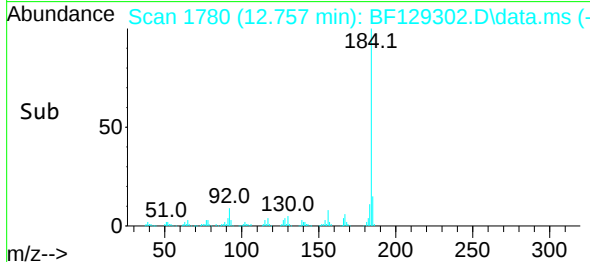
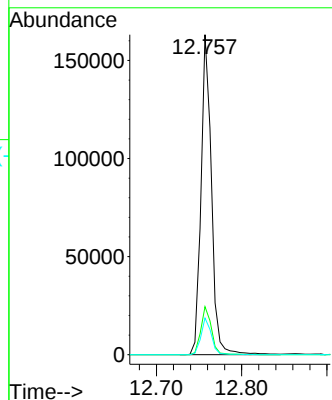
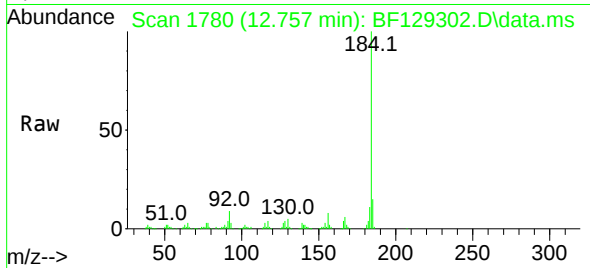
#77
Benzidine
Concen: 6.836 ng
RT: 12.757 min Scan# 1790
Delta R.T. -0.012 min
Lab File: BF129302.D
Acq: 21 Jul 2022 18:17

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

Tgt Ion:184 Resp: 139170
Ion Ratio Lower Upper
184 100
185 15.0 11.9 17.9
183 11.5 9.3 13.9

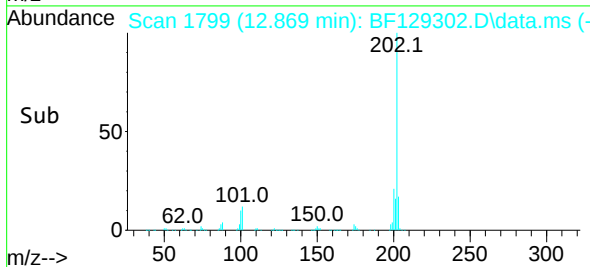
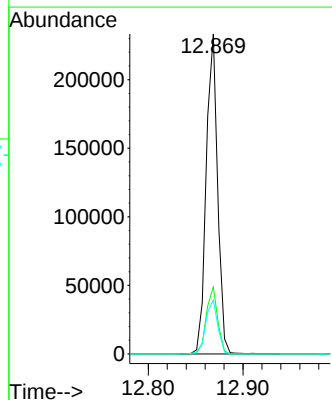
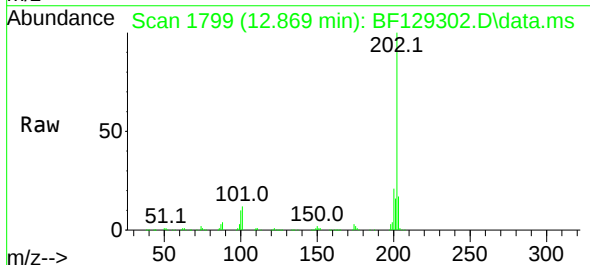
Manual Integrations
APPROVED

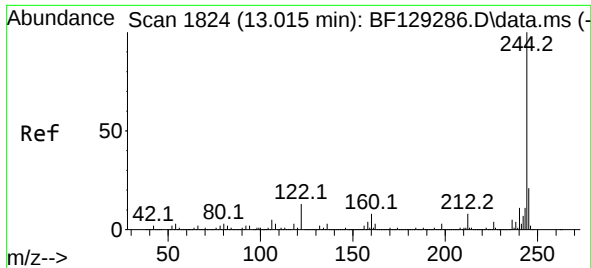
Reviewed By :Christian Giraldo 07/22/2022
Supervised By :Jagrut Upadhyay 07/22/2022



#78
Pyrene
Concen: 4.463 ng
RT: 12.869 min Scan# 1799
Delta R.T. -0.012 min
Lab File: BF129302.D
Acq: 21 Jul 2022 18:17

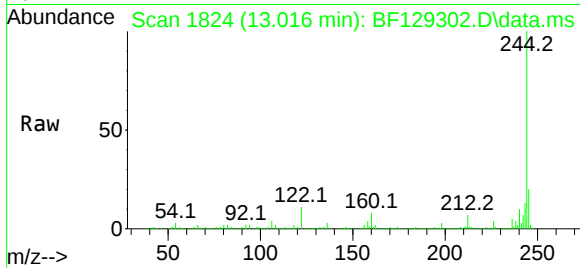
Tgt Ion:202 Resp: 195017
Ion Ratio Lower Upper
202 100
200 21.0 17.7 26.5
203 16.9 14.6 21.8





#79
 Terphenyl-d14
 Concen: 65.776 ng
 RT: 13.016 min Scan# 1824
 Delta R.T. 0.000 min
 Lab File: BF129302.D
 Acq: 21 Jul 2022 18:17

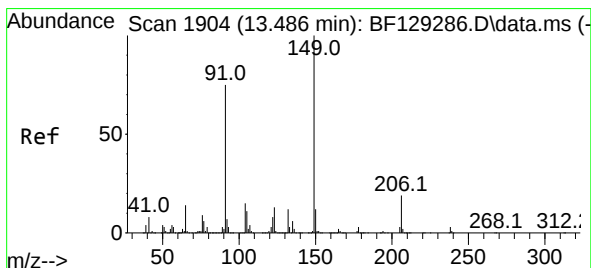
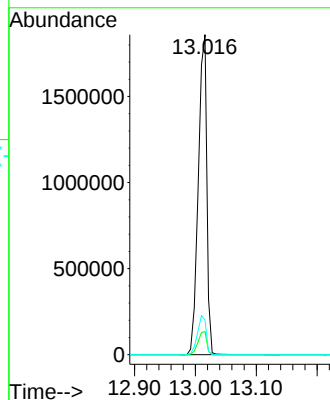
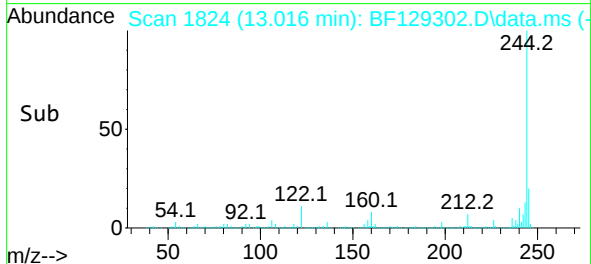
Instrument :
 BNA_F
 ClientSampleId :
 LOQ-WATER-02-QT2-2022



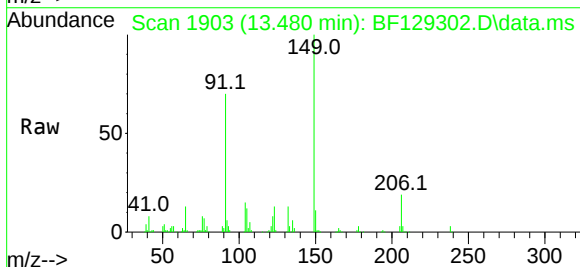
Tgt Ion:244 Resp: 1804248
 Ion Ratio Lower Upper
 244 100
 212 7.2 6.1 9.1
 122 10.8 8.8 13.2

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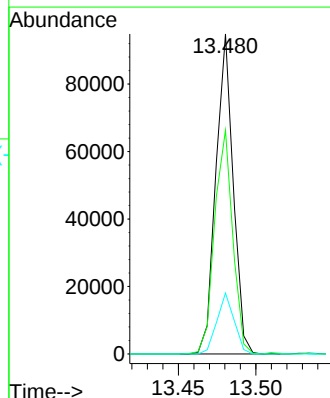
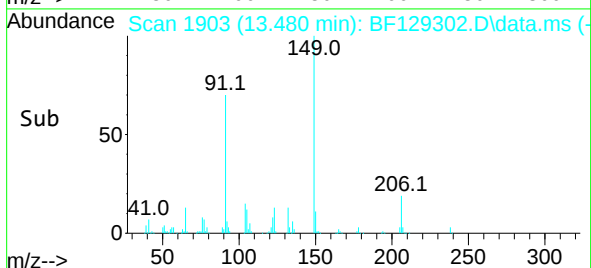
Reviewed By :Christian Giraldo 07/22/2022
 Supervised By :Jagrut Upadhyay 07/22/2022

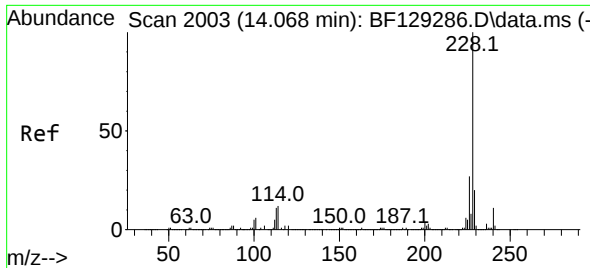


#80
 Butylbenzylphthalate
 Concen: 4.145 ng
 RT: 13.480 min Scan# 1903
 Delta R.T. -0.006 min
 Lab File: BF129302.D
 Acq: 21 Jul 2022 18:17



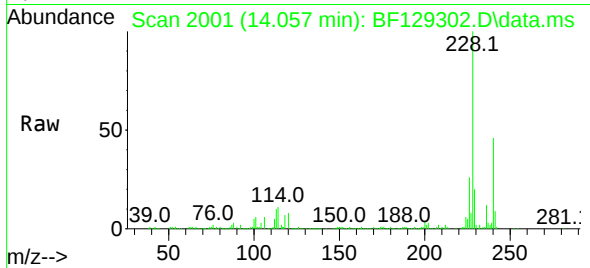
Tgt Ion:149 Resp: 73904
 Ion Ratio Lower Upper
 149 100
 91 69.9 61.2 91.8
 206 19.0 15.7 23.5





#81
Benzo(a)anthracene
Concen: 4.566 ng
RT: 14.057 min Scan# 2003
Delta R.T. -0.012 min
Lab File: BF129302.D
Acq: 21 Jul 2022 18:17

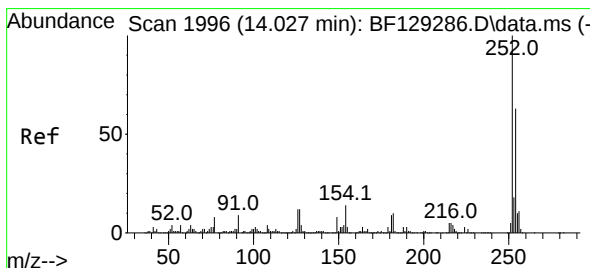
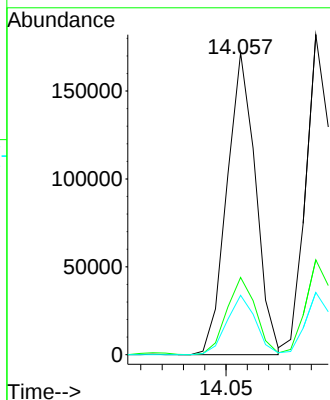
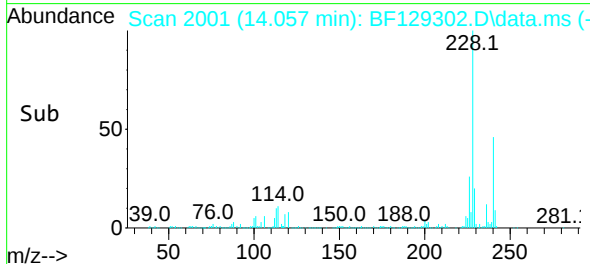
Instrument : BNA_F
ClientSampleId :
LOQ-WATER-02-QT2-2022



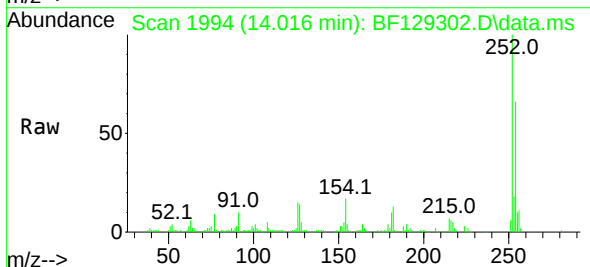
Tgt Ion:228 Resp: 160611
Ion Ratio Lower Upper
228 100
226 25.6 22.1 33.1
229 19.7 15.8 23.8

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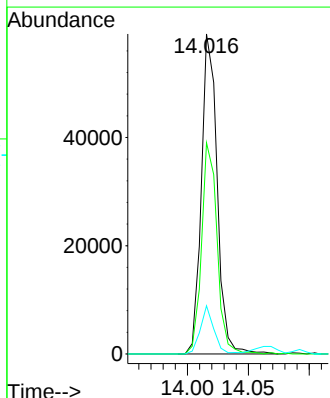
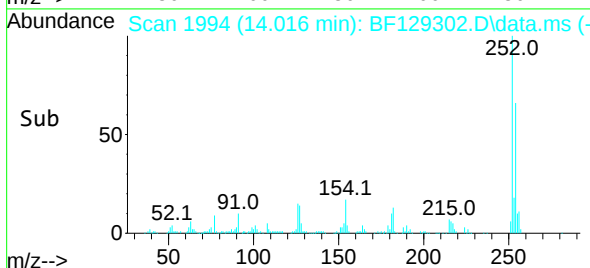
Reviewed By :Christian Giraldo 07/22/2022
Supervised By :Jagrut Upadhyay 07/22/2022

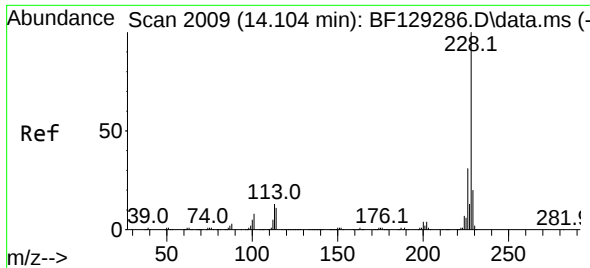


#82
3,3'-Dichlorobenzidine
Concen: 4.612 ng
RT: 14.016 min Scan# 1994
Delta R.T. -0.012 min
Lab File: BF129302.D
Acq: 21 Jul 2022 18:17



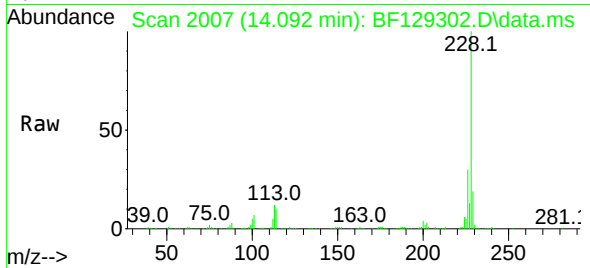
Tgt Ion:252 Resp: 53257
Ion Ratio Lower Upper
252 100
254 66.0 50.2 75.4
126 15.0 8.2 12.4





#83
Chrysene
Concen: 4.545 ng
RT: 14.092 min Scan# 2009
Delta R.T. -0.012 min
Lab File: BF129302.D
Acq: 21 Jul 2022 18:17

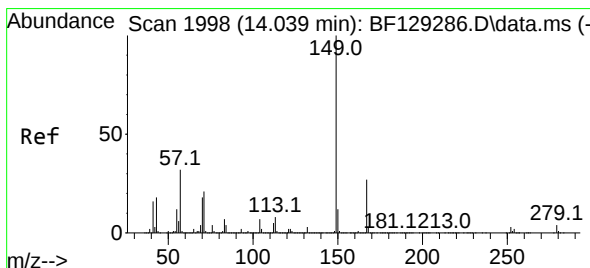
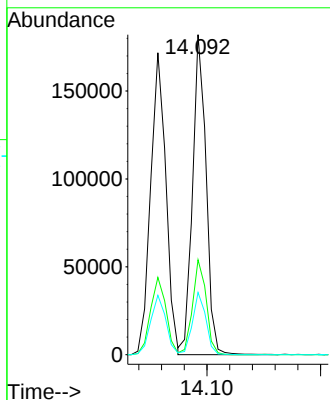
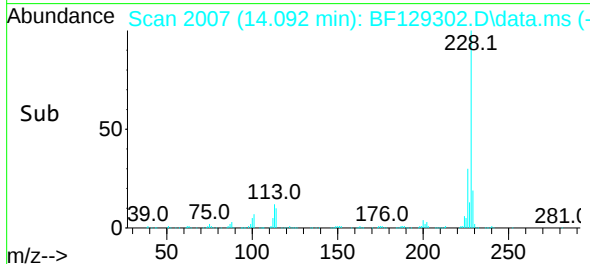
Instrument : BNA_F
ClientSampleId :
LOQ-WATER-02-QT2-2022



Tgt Ion:228 Resp: 150919
Ion Ratio Lower Upper
228 100
226 29.7 24.3 36.5
229 19.4 15.9 23.9

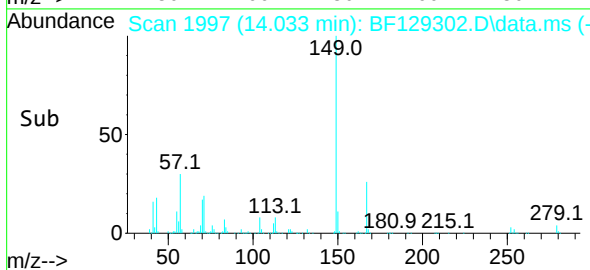
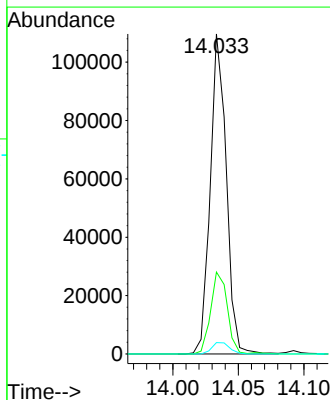
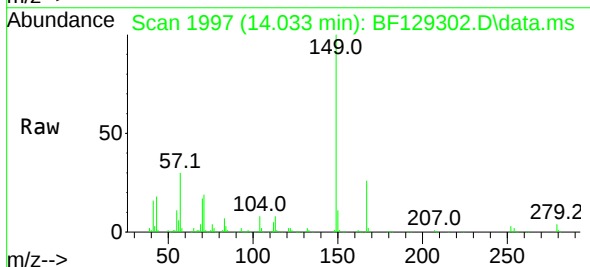
Manual Integrations
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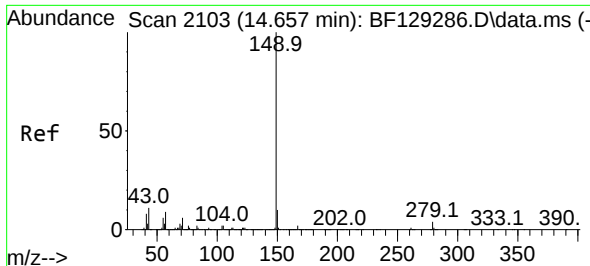
Reviewed By :Christian Giraldo 07/22/2022
Supervised By :Jagrut Upadhyay 07/22/2022



#84
Bis(2-ethylhexyl)phthalate
Concen: 4.266 ng
RT: 14.033 min Scan# 1997
Delta R.T. -0.006 min
Lab File: BF129302.D
Acq: 21 Jul 2022 18:17

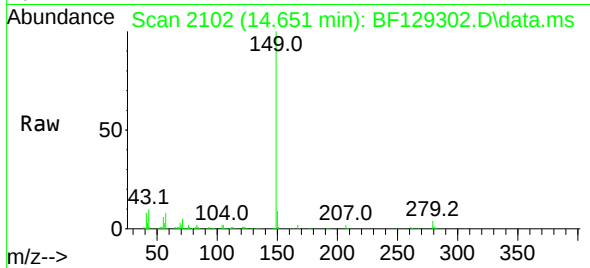
Tgt Ion:149 Resp: 93414
Ion Ratio Lower Upper
149 100
167 25.6 21.0 31.4
279 3.5 3.1 4.7





#85
Di-n-octyl phthalate
Concen: 4.014 ng
RT: 14.651 min Scan# 2103
Delta R.T. -0.006 min
Lab File: BF129302.D
Acq: 21 Jul 2022 18:17

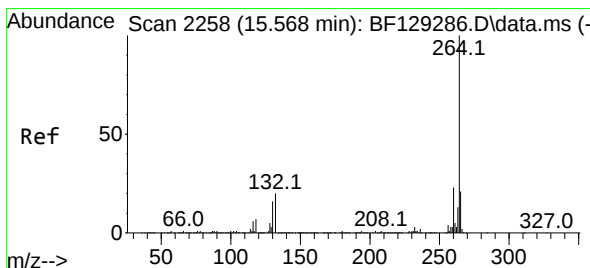
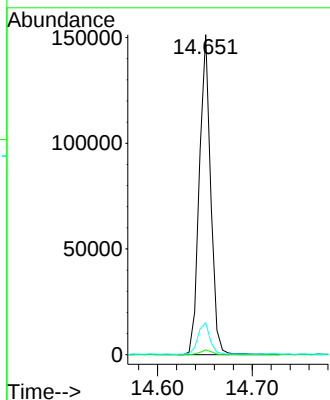
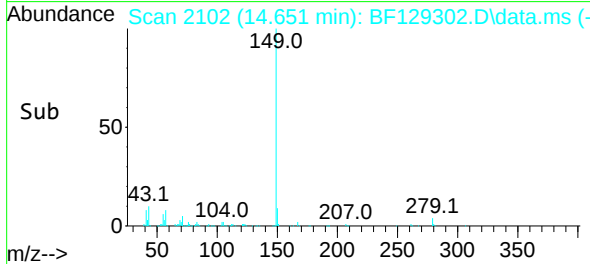
Instrument : BNA_F
ClientSampleId :
LOQ-WATER-02-QT2-2022



Tgt Ion:149 Resp: 125772
Ion Ratio Lower Upper
149 100
167 1.6 1.3 1.9
43 10.6 9.2 13.8

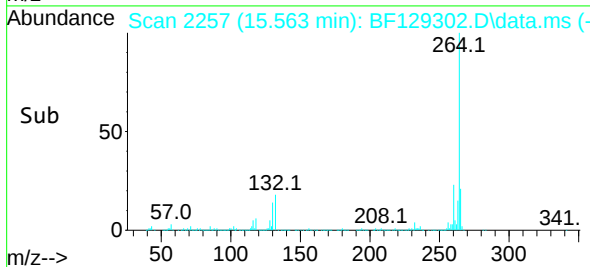
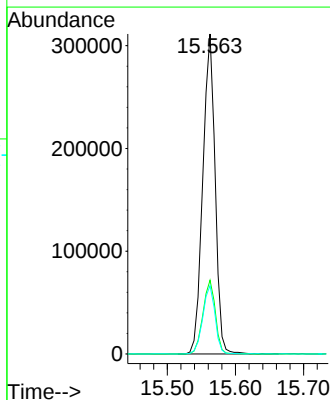
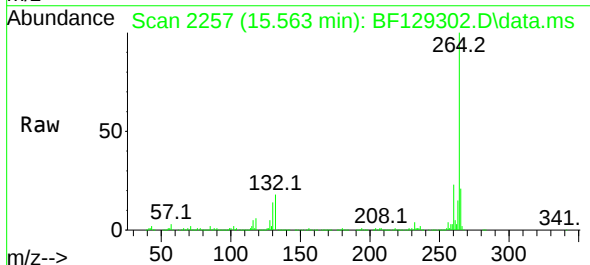
Manual Integrations
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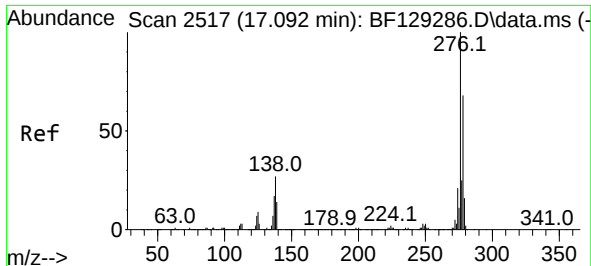
Reviewed By :Christian Giraldo 07/22/2022
Supervised By :Jagrut Upadhyay 07/22/2022



#86
Perylene-d12
Concen: 20.000 ng
RT: 15.563 min Scan# 2257
Delta R.T. -0.006 min
Lab File: BF129302.D
Acq: 21 Jul 2022 18:17

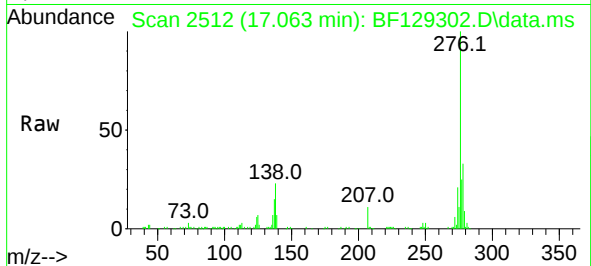
Tgt Ion:264 Resp: 392349
Ion Ratio Lower Upper
264 100
260 23.1 18.4 27.6
265 21.4 17.2 25.8





#87
Indeno(1,2,3-cd)pyrene
Concen: 3.723 ng
RT: 17.063 min Scan# 2113
Delta R.T. -0.029 min
Lab File: BF129302.D
Acq: 21 Jul 2022 18:17

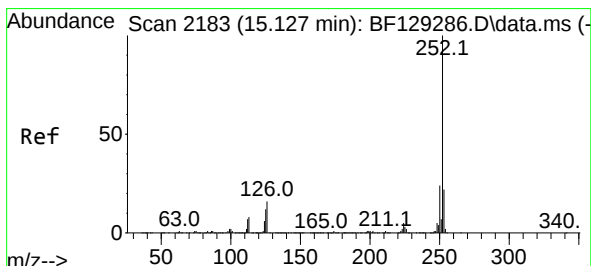
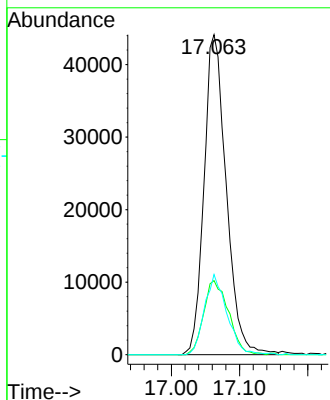
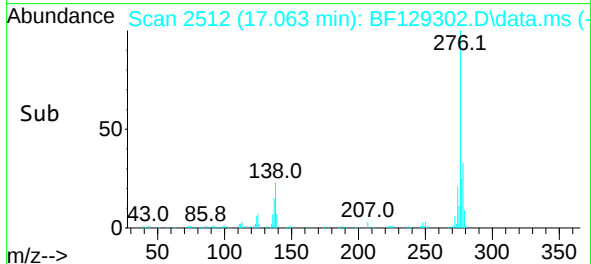
Instrument : BNA_F
ClientSampleId :
LOQ-WATER-02-QT2-2022



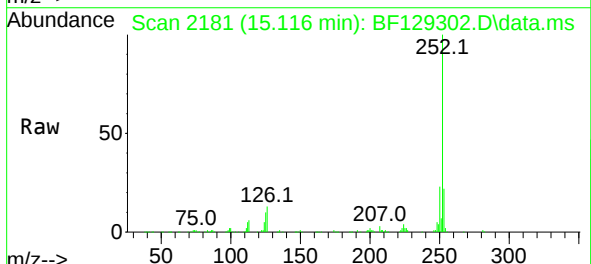
Tgt Ion:276 Resp: 10013
Ion Ratio Lower Upper
276 100
138 25.9 21.1 31.7
277 25.4 20.3 30.5

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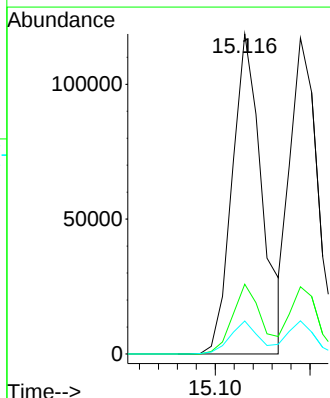
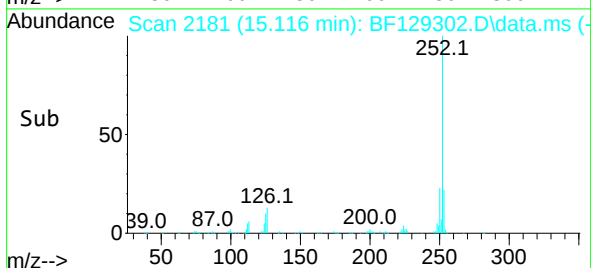
Reviewed By :Christian Giraldo 07/22/2022
Supervised By :Jagrut Upadhyay 07/22/2022

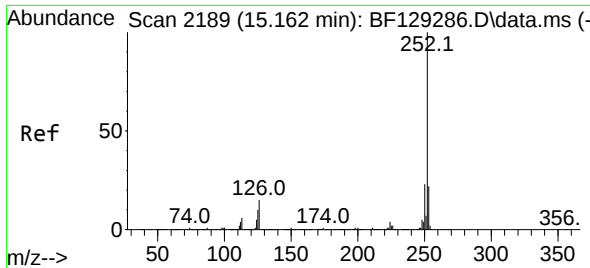


#88
Benzo(b)fluoranthene
Concen: 4.976 ng
RT: 15.116 min Scan# 2181
Delta R.T. -0.012 min
Lab File: BF129302.D
Acq: 21 Jul 2022 18:17



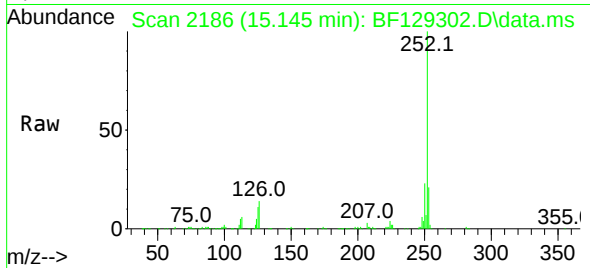
Tgt Ion:252 Resp: 129941
Ion Ratio Lower Upper
252 100
253 21.8 17.7 26.5
125 10.3 8.0 12.0





#89
Benzo(k)fluoranthene
Concen: 4.687 ng
RT: 15.145 min Scan# 2189
Delta R.T. -0.017 min
Lab File: BF129302.D
Acq: 21 Jul 2022 18:17

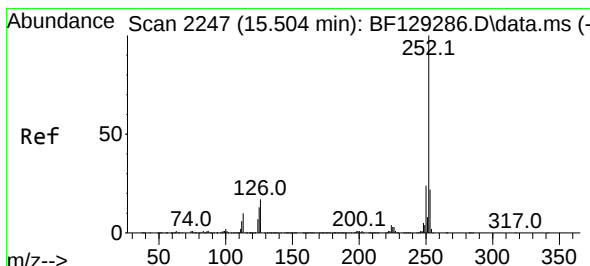
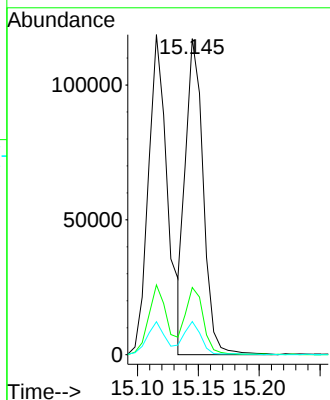
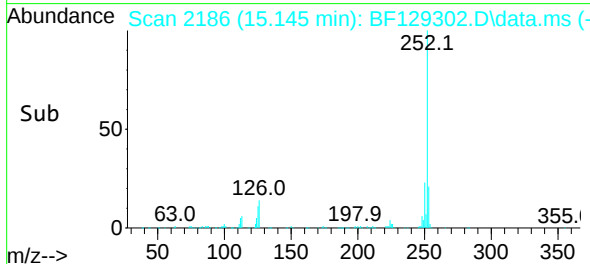
Instrument : BNA_F
ClientSampleId :
LOQ-WATER-02-QT2-2022



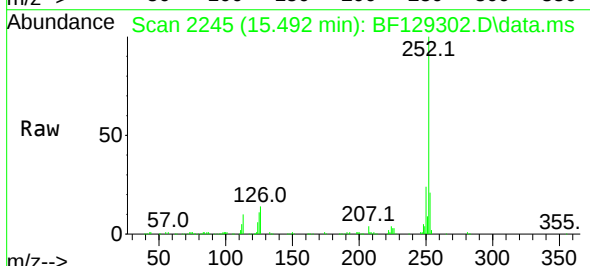
Tgt Ion:252 Resp: 118840
Ion Ratio Lower Upper
252 100
253 21.3 17.8 26.6
125 10.5 8.3 12.5

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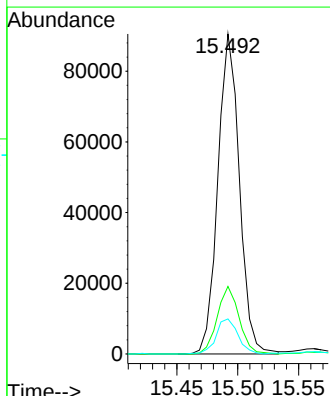
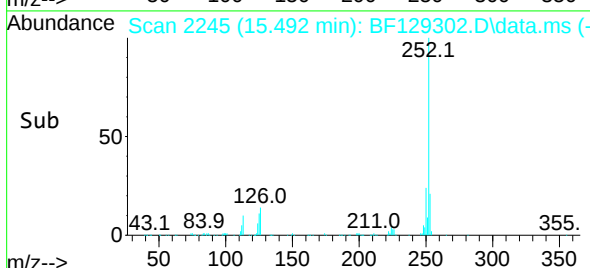
Reviewed By :Christian Giraldo 07/22/2022
Supervised By :Jagrut Upadhyay 07/22/2022

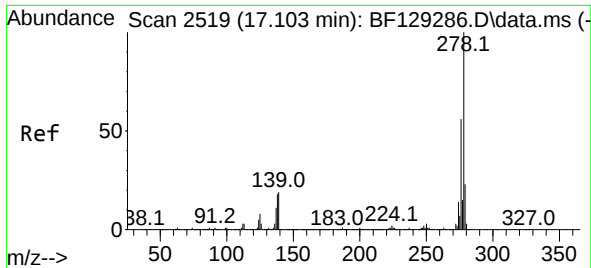


#90
Benzo(a)pyrene
Concen: 5.273 ng
RT: 15.492 min Scan# 2245
Delta R.T. -0.012 min
Lab File: BF129302.D
Acq: 21 Jul 2022 18:17



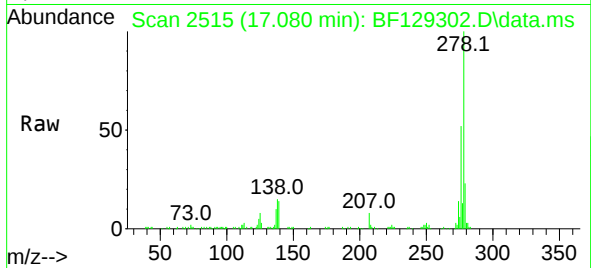
Tgt Ion:252 Resp: 111406
Ion Ratio Lower Upper
252 100
253 21.1 17.0 25.6
125 10.9 8.8 13.2





#91
Dibenzo(a,h)anthracene
Concen: 4.040 ng
RT: 17.080 min Scan# 2515
Delta R.T. -0.023 min
Lab File: BF129302.D
Acq: 21 Jul 2022 18:17

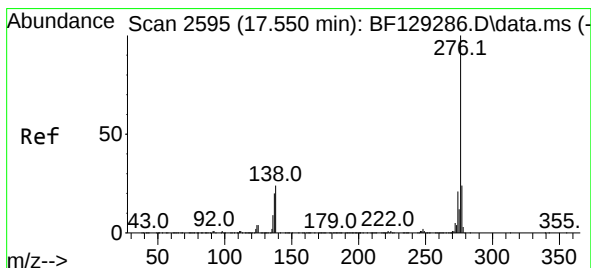
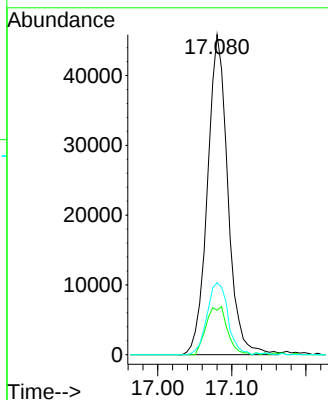
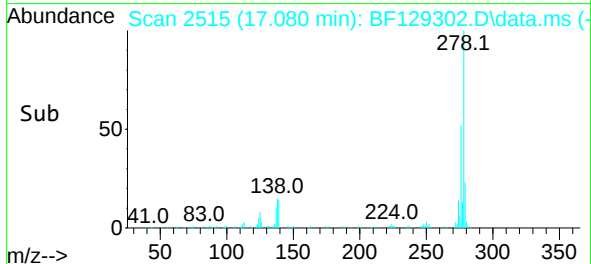
Instrument : BNA_F
ClientSampleId :
LOQ-WATER-02-QT2-2022



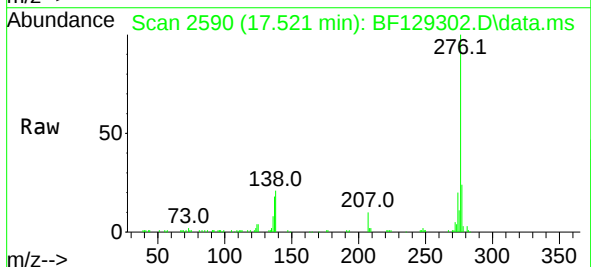
Tgt Ion:278 Resp: 8758
Ion Ratio Lower Upper
278 100
139 13.9 12.8 19.2
279 22.5 18.6 28.0

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: 3.891 ng
RT: 17.521 min Scan# 2590
Delta R.T. -0.029 min
Lab File: BF129302.D
Acq: 21 Jul 2022 18:17



Tgt Ion:276 Resp: 87648
Ion Ratio Lower Upper
276 100
277 23.8 19.1 28.7
138 20.8 18.0 27.0

