

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF072122\
 Data File : BF129301.D
 Acq On : 21 Jul 2022 17:43
 Operator : CG\JU
 Sample : N3214-07
 Misc : LOD-MDL-WATER 8ppm
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 LOD-MDL-WATER-01-QT2-2022

Quant Time: Jul 21 19:13:28 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF072022.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Jul 20 13:42:18 2022
 Response via : Initial Calibration

Manual Integrations APPROVED

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

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.892	152	151333	20.000	ng	0.00
21) Naphthalene-d8	8.175	136	571887	20.000	ng	0.00
39) Acenaphthene-d10	9.933	164	303763	20.000	ng	0.00
64) Phenanthrene-d10	11.422	188	527798	20.000	ng	0.00
76) Chrysene-d12	14.068	240	402601	20.000	ng	-0.01
86) Perylene-d12	15.557	264	301651	20.000	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.510	112	1031007	111.120	ng	0.00
7) Phenol-d6	6.522	99	1370906	115.907	ng	0.00
23) Nitrobenzene-d5	7.457	82	949482	89.321	ng	0.00
42) 2,4,6-Tribromophenol	10.727	330	372680	127.165	ng	0.00
45) 2-Fluorobiphenyl	9.257	172	1649803	83.552	ng	0.00
79) Terphenyl-d14	13.016	244	1701812	78.726	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	2.681	88	28516	6.931	ng	90
3) Pyridine	3.551	79	69544m	6.122	ng	
4) n-Nitrosodimethylamine	3.410	42	38852	7.618	ng	# 98
6) Aniline	6.557	93	120814	8.301	ng	98
8) 2-Chlorophenol	6.681	128	79109	7.778	ng	95
9) Benzaldehyde	6.445	77	66088	8.146	ng	96
10) Phenol	6.534	94	94189	7.577	ng	99
11) bis(2-Chloroethyl)ether	6.628	93	73402	7.460	ng	93
12) 1,3-Dichlorobenzene	6.834	146	85535	7.802	ng	98
13) 1,4-Dichlorobenzene	6.910	146	87758	7.912	ng	98
14) 1,2-Dichlorobenzene	7.063	146	81374	7.939	ng	97
15) Benzyl Alcohol	7.028	79	79545	9.270	ng	97
16) 2,2'-oxybis(1-Chloropr...	7.163	45	110051	7.336	ng	94
17) 2-Methylphenol	7.134	107	63550	7.666	ng	96
18) Hexachloroethane	7.404	117	33055	7.942	ng	87
19) n-Nitroso-di-n-propyla...	7.298	70	55724	7.907	ng	97
20) 3+4-Methylphenols	7.292	107	82301	7.612	ng	# 77
22) Acetophenone	7.298	105	115171	8.577	ng	99
24) Nitrobenzene	7.475	77	88192	8.055	ng	99
25) Isophorone	7.710	82	152803	8.188	ng	97
26) 2-Nitrophenol	7.792	139	39796	7.533	ng	94
27) 2,4-Dimethylphenol	7.822	122	68517m	8.621	ng	
28) bis(2-Chloroethoxy)met...	7.916	93	93113	8.612	ng	96
29) 2,4-Dichlorophenol	8.028	162	61980	7.498	ng	99
30) 1,2,4-Trichlorobenzene	8.116	180	70668	8.226	ng	97
31) Naphthalene	8.198	128	234919	8.009	ng	99
32) Benzoic acid	7.898	122	48523m	8.353	ng	
33) 4-Chloroaniline	8.245	127	95138	7.953	ng	99
34) Hexachlorobutadiene	8.310	225	40559	8.260	ng	98
35) Caprolactam	8.581	113	19443	7.375	ng	# 88
36) 4-Chloro-3-methylphenol	8.716	107	69591	7.924	ng	97
37) 2-Methylnaphthalene	8.886	142	151683	7.981	ng	100
38) 1-Methylnaphthalene	8.986	142	143720	7.816	ng	98
40) 1,2,4,5-Tetrachloroben...	9.051	216	67063	8.410	ng	98
41) Hexachlorocyclopentadiene	9.039	237	28458	8.096	ng	98
43) 2,4,6-Trichlorophenol	9.163	196	44796	7.687	ng	96

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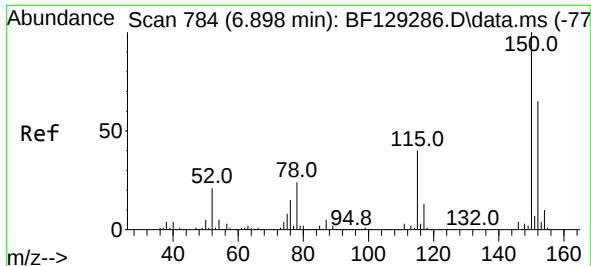
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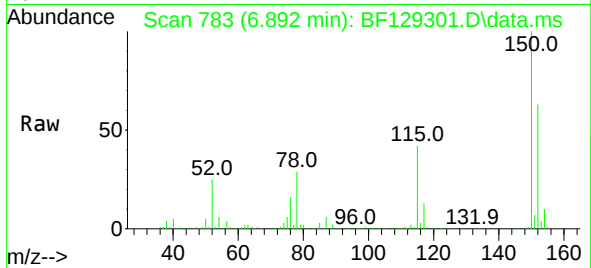
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.204	196	45523	7.201	ng	# 94
46) 1,1'-Biphenyl	9.351	154	189565	8.445	ng	99
47) 2-Chloronaphthalene	9.380	162	144265	8.024	ng	98
48) 2-Nitroaniline	9.469	65	44866	7.430	ng	98
49) Acenaphthylene	9.792	152	236609	8.569	ng	100
50) Dimethylphthalate	9.645	163	167017	8.003	ng	99
51) 2,6-Dinitrotoluene	9.710	165	36515	7.814	ng	96
52) Acenaphthene	9.963	154	144353	8.056	ng	98
53) 3-Nitroaniline	9.880	138	40154	7.222	ng	97
54) 2,4-Dinitrophenol	9.986	184	20004	8.460	ng	91
55) Dibenzofuran	10.139	168	205727	8.262	ng	99
56) 4-Nitrophenol	10.033	139	29609	7.292	ng	90
57) 2,4-Dinitrotoluene	10.116	165	48884	7.980	ng	93
58) Fluorene	10.480	166	164848	8.295	ng	98
59) 2,3,4,6-Tetrachlorophenol	10.257	232	34665	7.112	ng	# 85
60) Diethylphthalate	10.345	149	163834	8.159	ng	96
61) 4-Chlorophenyl-phenyle...	10.475	204	74117	8.524	ng	97
62) 4-Nitroaniline	10.492	138	40140	7.309	ng	99
63) Azobenzene	10.633	77	166658	8.023	ng	95
65) 4,6-Dinitro-2-methylph...	10.522	198	20807	6.409	ng	94
66) n-Nitrosodiphenylamine	10.592	169	140361	8.044	ng	99
67) 4-Bromophenyl-phenylether	10.963	248	45070	7.914	ng	97
68) Hexachlorobenzene	11.027	284	49796	7.984	ng	95
69) Atrazine	11.110	200	44598	8.363	ng	95
70) Pentachlorophenol	11.222	266	22327	6.511	ng	97
71) Phenanthrene	11.445	178	237196	8.188	ng	99
72) Anthracene	11.498	178	238511	8.309	ng	98
73) Carbazole	11.651	167	217133	8.109	ng	99
74) Di-n-butylphthalate	11.974	149	248362	8.028	ng	100
75) Fluoranthene	12.639	202	238374	8.074	ng	98
77) Benzidine	12.757	184	126660	7.894	ng	98
78) Pyrene	12.868	202	249945	7.259	ng	98
80) Butylbenzylphthalate	13.480	149	93673	6.667	ng	97
81) Benzo(a)anthracene	14.057	228	207020	7.467	ng	99
82) 3,3'-Dichlorobenzidine	14.015	252	70591	7.757	ng	# 95
83) Chrysene	14.092	228	193590	7.398	ng	98
84) Bis(2-ethylhexyl)phtha...	14.033	149	118985	6.896	ng	99
85) Di-n-octyl phthalate	14.651	149	159936	6.477	ng	97
87) Indeno(1,2,3-cd)pyrene	17.062	276	123978	5.995	ng	98
88) Benzo(b)fluoranthene	15.115	252	170193	8.477	ng	99
89) Benzo(k)fluoranthene	15.145	252	156404	8.023	ng	98
90) Benzo(a)pyrene	15.492	252	144881	8.918	ng	98
91) Dibenzo(a,h)anthracene	17.080	278	107128	6.427	ng	99
92) Benzo(g,h,i)perylene	17.521	276	108367	6.257	ng	97

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



#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.892 min Scan# 71
 Delta R.T. -0.006 min
 Lab File: BF129301.D
 Acq: 21 Jul 2022 17:43

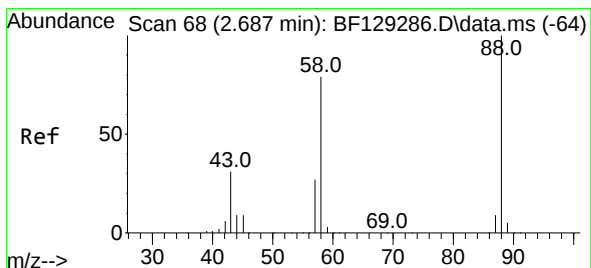
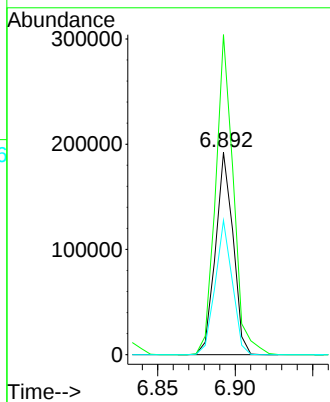
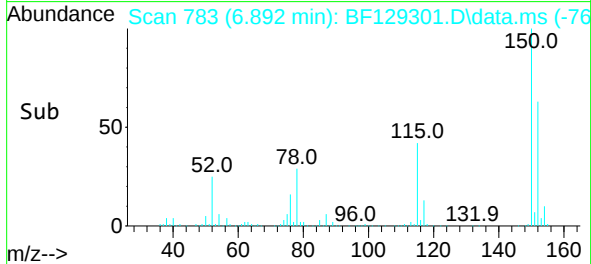
Instrument : BNA_F
 ClientSampleId : LOD-MDL-WATER-01-QT2-2022



Tgt Ion:152 Resp: 15133
 Ion Ratio Lower Upper
 152 100
 150 158.2 123.7 185.5
 115 66.4 49.9 74.9

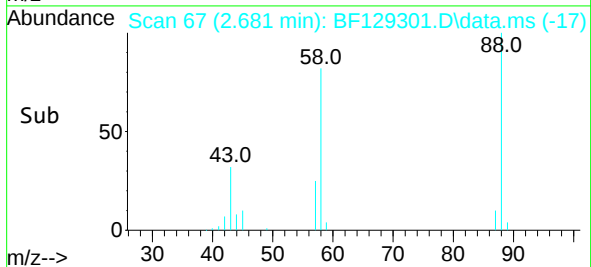
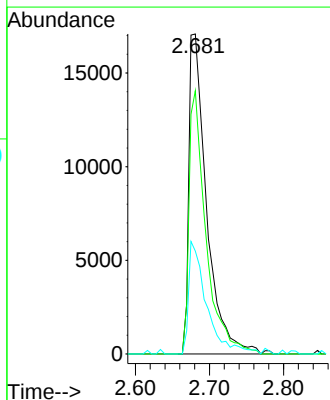
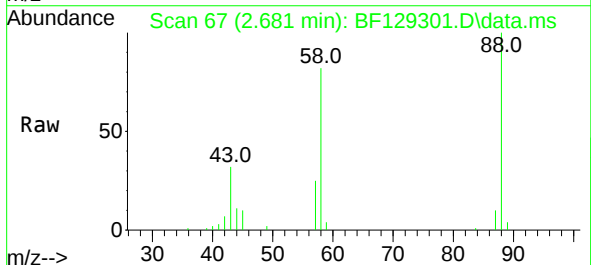
Manual Integrations
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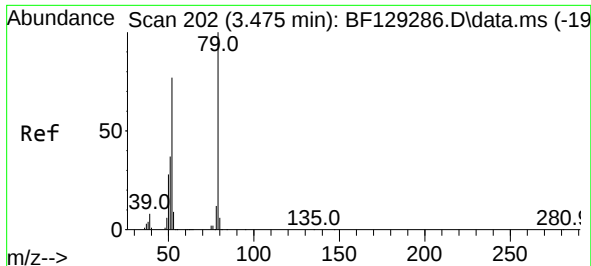
Reviewed By :Christian Giraldo 07/22/2022
 Supervised By :Jagrut Upadhyay 07/22/2022



#2
 1,4-Dioxane
 Concen: 6.931 ng
 RT: 2.681 min Scan# 67
 Delta R.T. -0.006 min
 Lab File: BF129301.D
 Acq: 21 Jul 2022 17:43

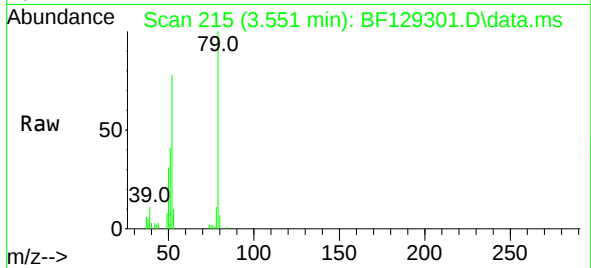
Tgt Ion: 88 Resp: 28516
 Ion Ratio Lower Upper
 88 100
 58 78.3 71.8 107.8
 43 35.6 26.6 39.8





#3
Pyridine
Concen: 6.122 ng m
RT: 3.551 min Scan# 215
Delta R.T. 0.077 min
Lab File: BF129301.D
Acq: 21 Jul 2022 17:43

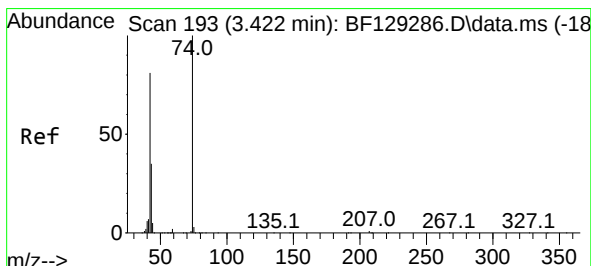
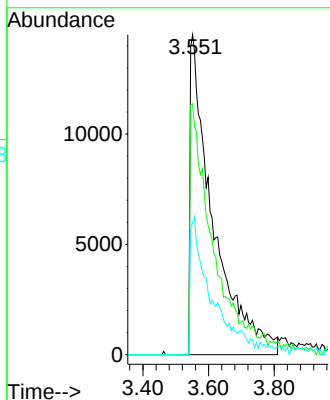
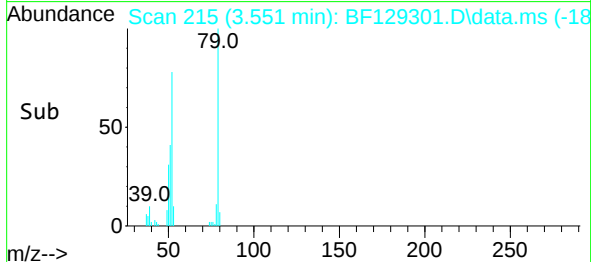
Instrument :
BNA_F
ClientSampleId :
LOD-MDL-WATER-01-QT2-2022



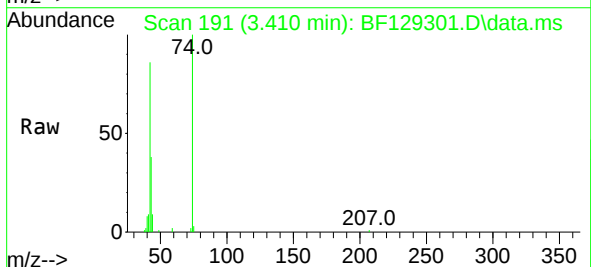
Tgt Ion: 79 Resp: 69544
Ion Ratio Lower Upper
79 100
52 78.4 68.6 102.8
51 41.4 32.9 49.3

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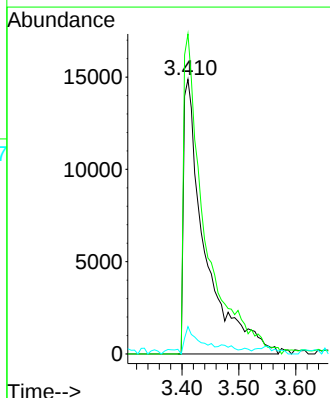
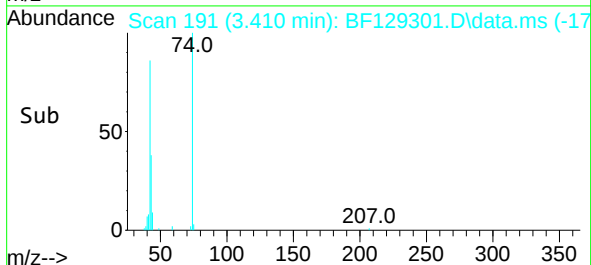
Reviewed By :Christian Giraldo 07/22/2022
Supervised By :Jagrut Upadhyay 07/22/2022



#4
n-Nitrosodimethylamine
Concen: 7.618 ng
RT: 3.410 min Scan# 191
Delta R.T. -0.012 min
Lab File: BF129301.D
Acq: 21 Jul 2022 17:43



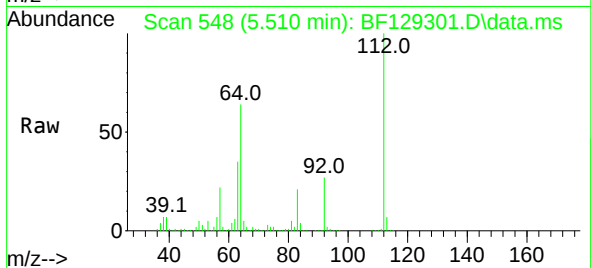
Tgt Ion: 42 Resp: 38852
Ion Ratio Lower Upper
42 100
74 116.6 94.8 142.2
44 10.0 6.6 10.0#





#5
2-Fluorophenol
Concen: 111.120 ng
RT: 5.510 min Scan# 54
Delta R.T. -0.006 min
Lab File: BF129301.D
Acq: 21 Jul 2022 17:43

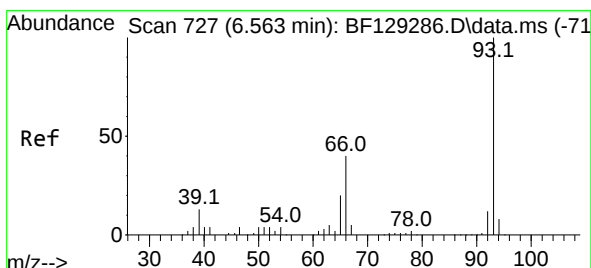
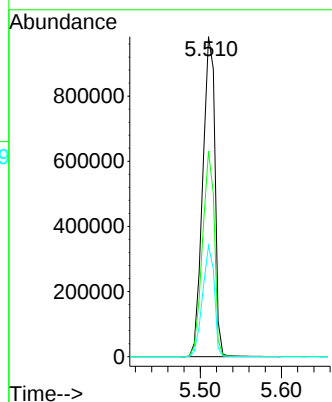
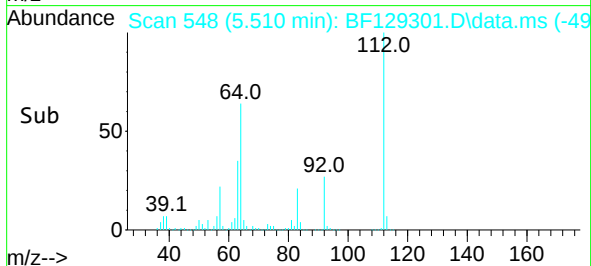
Instrument :
BNA_F
ClientSampleId :
LOD-MDL-WATER-01-QT2-2022



Tgt Ion:112 Resp: 103100
Ion Ratio Lower Upper
112 100
64 64.2 53.3 79.9
63 34.7 28.0 42.0

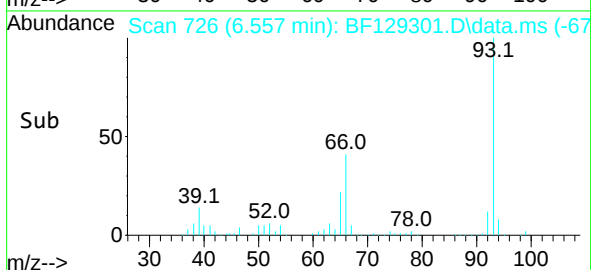
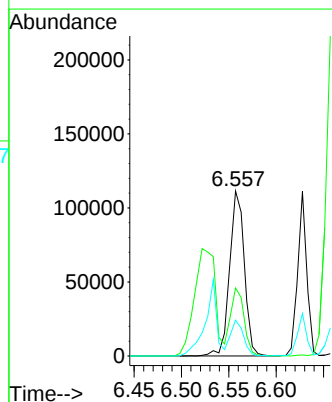
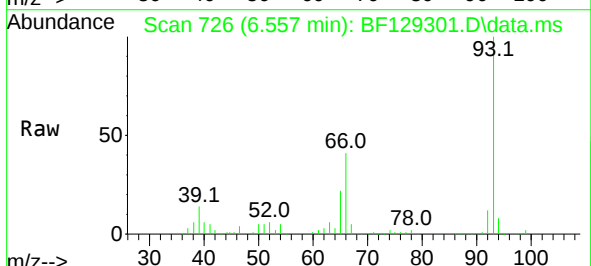
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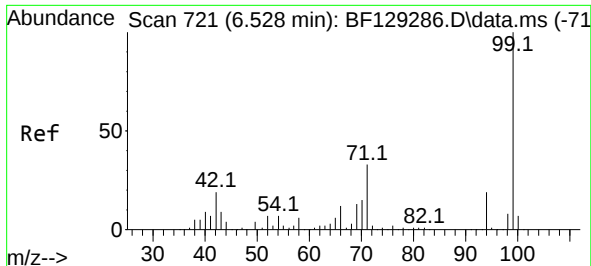
Reviewed By :Christian Giraldo 07/22/2022
Supervised By :Jagrut Upadhyay 07/22/2022



#6
Aniline
Concen: 8.301 ng
RT: 6.557 min Scan# 726
Delta R.T. -0.006 min
Lab File: BF129301.D
Acq: 21 Jul 2022 17:43

Tgt Ion: 93 Resp: 120814
Ion Ratio Lower Upper
93 100
66 41.2 32.5 48.7
65 21.7 16.4 24.6





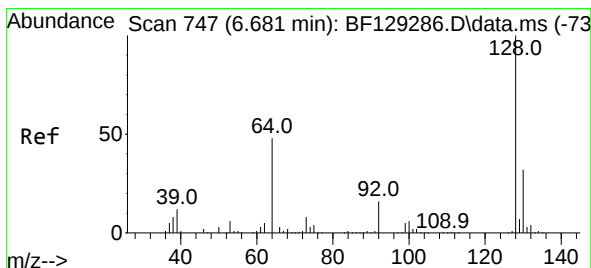
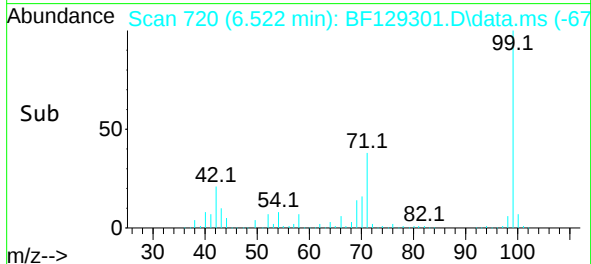
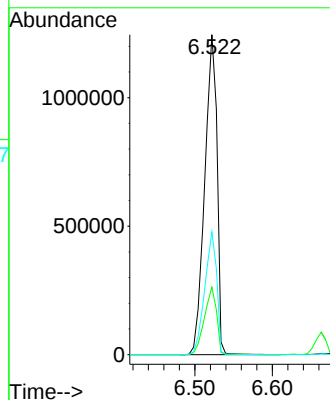
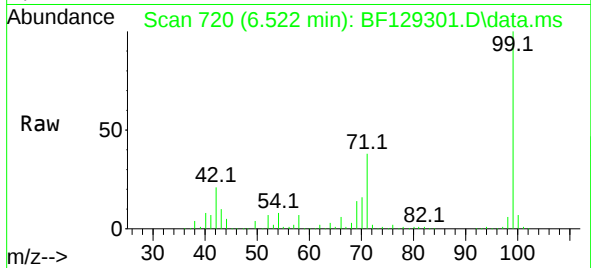
#7
Phenol-d6
Concen: 115.907 ng
RT: 6.522 min Scan# 71
Delta R.T. -0.006 min
Lab File: BF129301.D
Acq: 21 Jul 2022 17:43

Instrument :
BNA_F
ClientSampleId :
LOD-MDL-WATER-01-QT2-2022

Tgt Ion: 99 Resp: 1370900
Ion Ratio Lower Upper
99 100
42 21.1 17.3 25.9
71 38.4 28.9 43.3

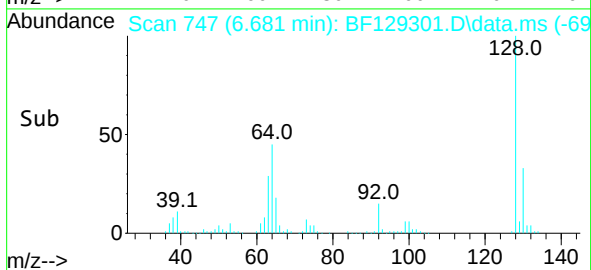
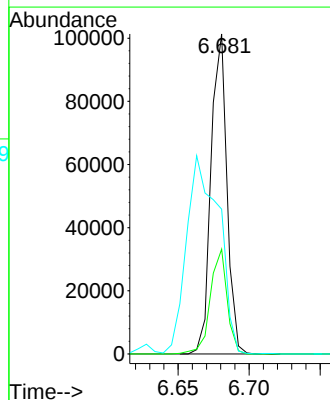
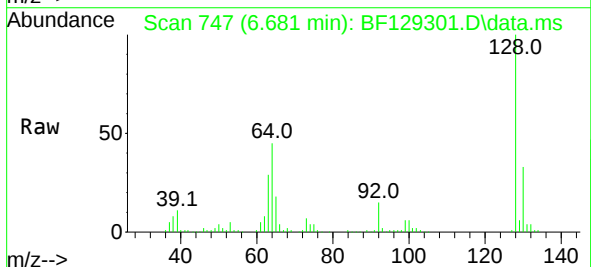
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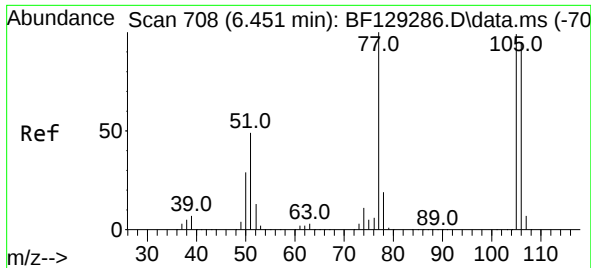
Reviewed By :Christian Giraldo 07/22/2022
Supervised By :Jagrut Upadhyay 07/22/2022



#8
2-Chlorophenol
Concen: 7.778 ng
RT: 6.681 min Scan# 747
Delta R.T. 0.000 min
Lab File: BF129301.D
Acq: 21 Jul 2022 17:43

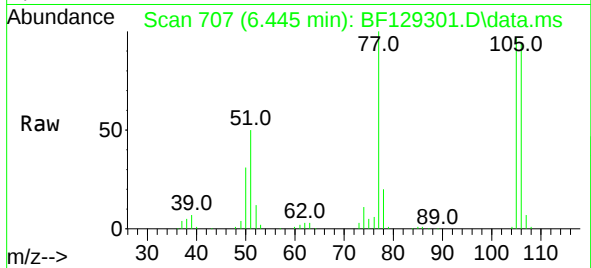
Tgt Ion:128 Resp: 79109
Ion Ratio Lower Upper
128 100
130 32.8 13.1 53.1
64 45.2 30.9 70.9





#9
Benzaldehyde
Concen: 8.146 ng
RT: 6.445 min Scan# 708
Delta R.T. -0.006 min
Lab File: BF129301.D
Acq: 21 Jul 2022 17:43

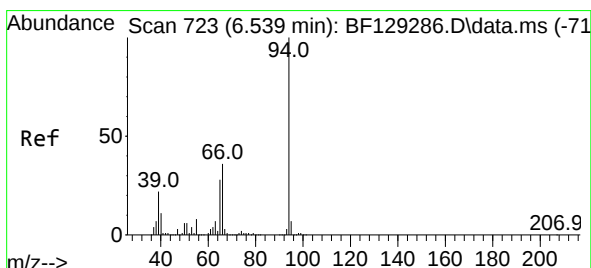
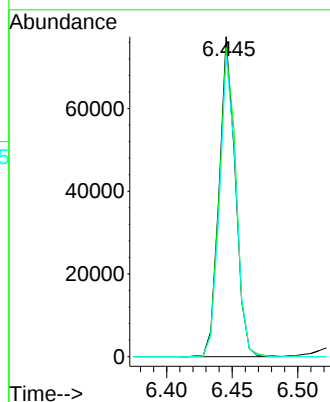
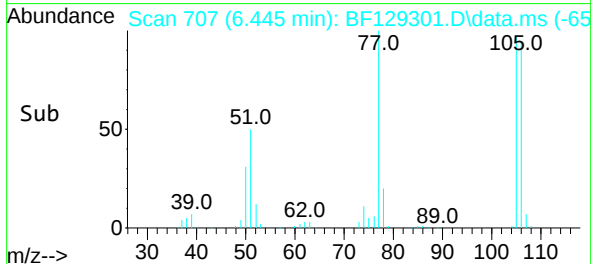
Instrument : BNA_F
ClientSampleId : LOD-MDL-WATER-01-QT2-2022



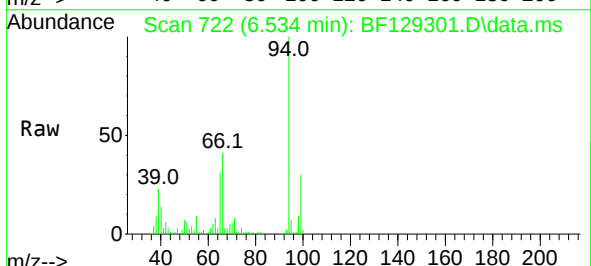
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Ion Ratio Lower Upper
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105 96.6 81.6 121.6
106 93.8 76.1 116.1

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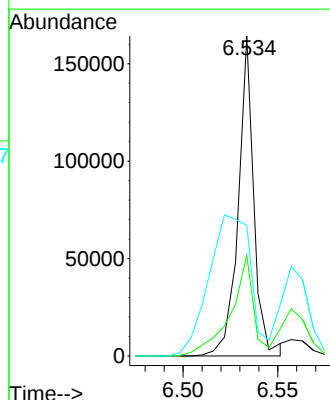
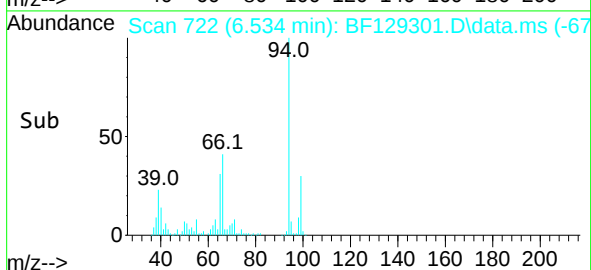
Reviewed By :Christian Giraldo 07/22/2022
Supervised By :Jagrut Upadhyay 07/22/2022



#10
Phenol
Concen: 7.577 ng
RT: 6.534 min Scan# 722
Delta R.T. -0.006 min
Lab File: BF129301.D
Acq: 21 Jul 2022 17:43



Tgt Ion: 94 Resp: 94189
Ion Ratio Lower Upper
94 100
65 31.4 11.4 51.4
66 40.8 21.4 61.4





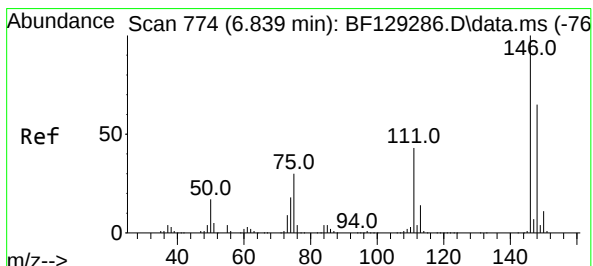
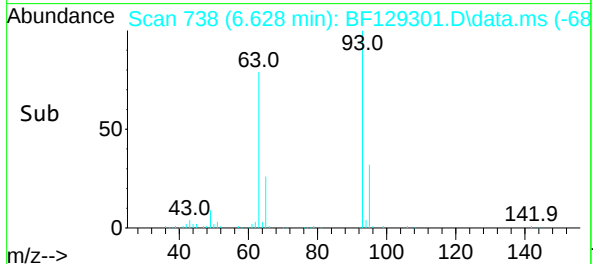
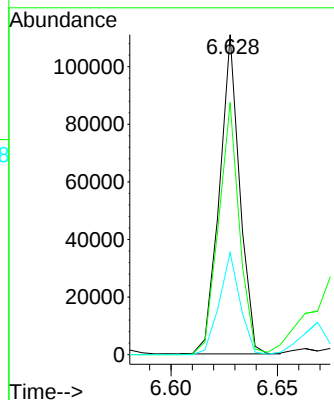
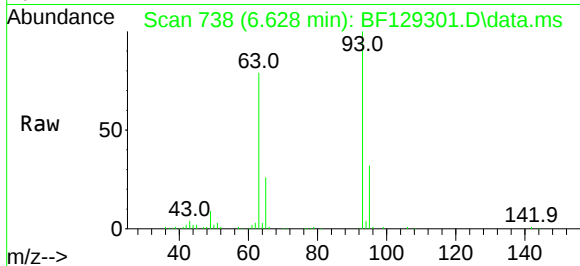
#11
bis(2-Chloroethyl)ether
Concen: 7.460 ng
RT: 6.628 min Scan# 711
Delta R.T. -0.006 min
Lab File: BF129301.D
Acq: 21 Jul 2022 17:43

Instrument :
BNA_F
ClientSampleId :
LOD-MDL-WATER-01-QT2-2022

Tgt Ion: 93 Resp: 73402
Ion Ratio Lower Upper
93 100
63 78.8 67.4 107.4
95 31.9 12.7 52.7

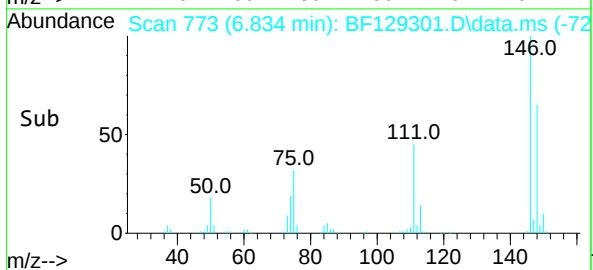
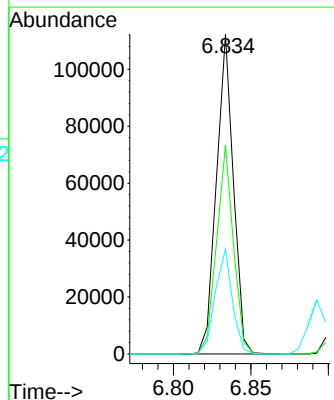
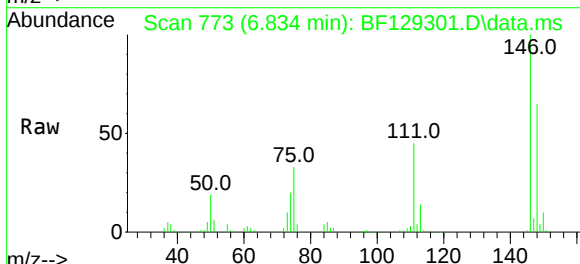
Manual Integrations
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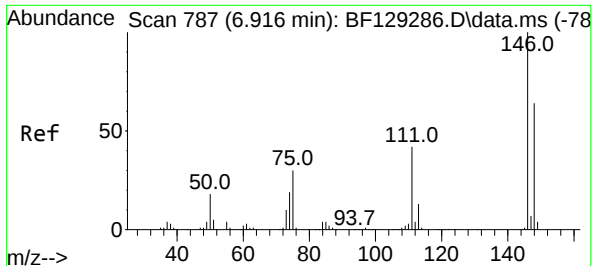
Reviewed By :Christian Giraldo 07/22/2022
Supervised By :Jagrut Upadhyay 07/22/2022



#12
1,3-Dichlorobenzene
Concen: 7.802 ng
RT: 6.834 min Scan# 773
Delta R.T. -0.006 min
Lab File: BF129301.D
Acq: 21 Jul 2022 17:43

Tgt Ion:146 Resp: 85535
Ion Ratio Lower Upper
146 100
148 65.3 50.6 75.8
75 32.7 26.3 39.5





#13

1,4-Dichlorobenzene

Concen: 7.912 ng

RT: 6.910 min Scan# 71

Delta R.T. -0.006 min

Lab File: BF129301.D

Acq: 21 Jul 2022 17:43

Instrument :

BNA_F

ClientSampleId :

LOD-MDL-WATER-01-QT2-2022

Tgt Ion:146 Resp: 87758

Ion Ratio Lower Upper

146 100

148 61.6 51.1 76.7

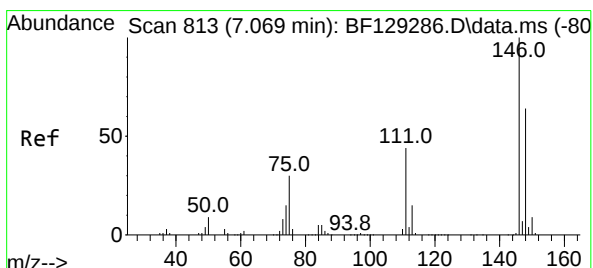
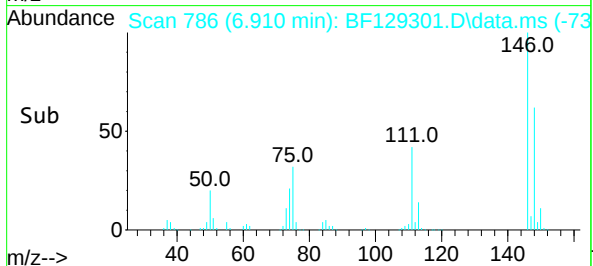
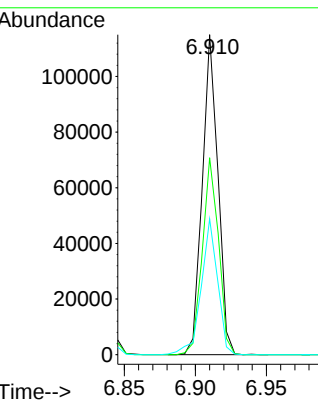
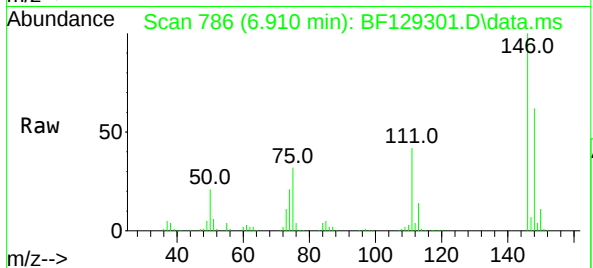
111 42.5 34.2 51.4

Manual Integrations

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Reviewed By :Christian Giraldo 07/22/2022

Supervised By :Jagrut Upadhyay 07/22/2022



#14

1,2-Dichlorobenzene

Concen: 7.939 ng

RT: 7.063 min Scan# 812

Delta R.T. -0.006 min

Lab File: BF129301.D

Acq: 21 Jul 2022 17:43

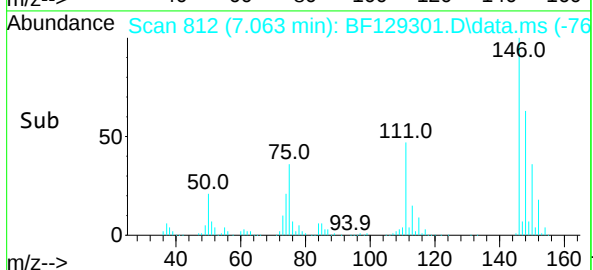
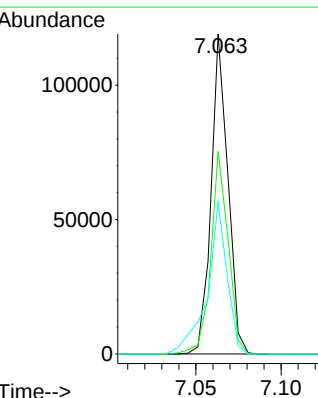
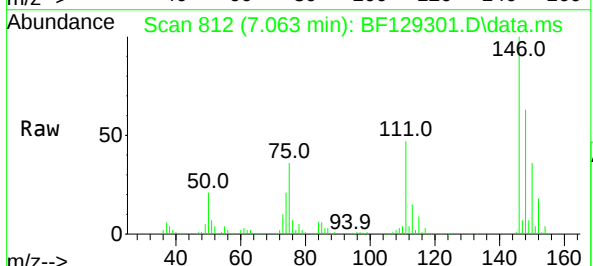
Tgt Ion:146 Resp: 81374

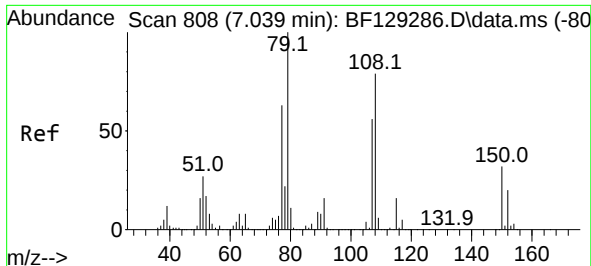
Ion Ratio Lower Upper

146 100

148 63.3 51.8 77.8

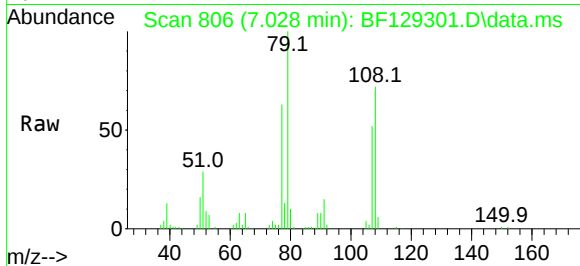
111 47.5 35.1 52.7





#15
Benzyl Alcohol
Concen: 9.270 ng
RT: 7.028 min Scan# 808
Delta R.T. -0.012 min
Lab File: BF129301.D
Acq: 21 Jul 2022 17:43

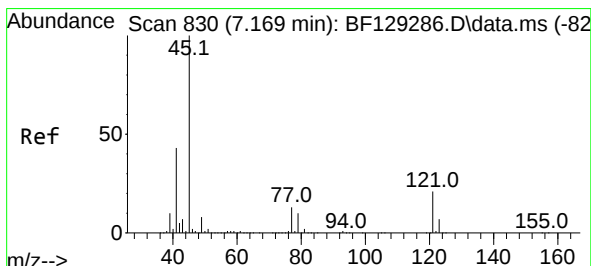
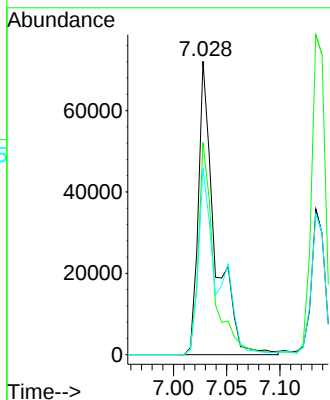
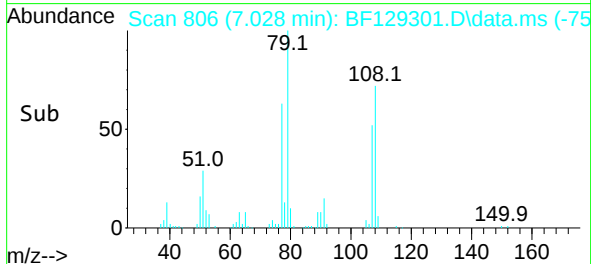
Instrument : BNA_F
ClientSampleId :
LOD-MDL-WATER-01-QT2-2022



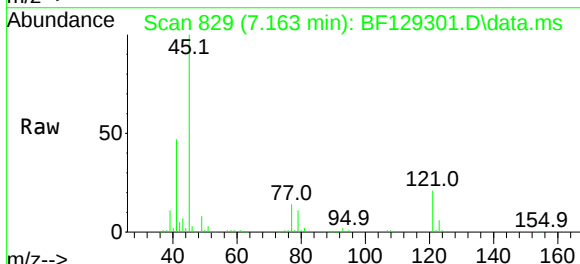
Tgt Ion: 79 Resp: 7954
Ion Ratio Lower Upper
79 100
108 72.3 61.8 92.6
77 63.4 50.2 75.4

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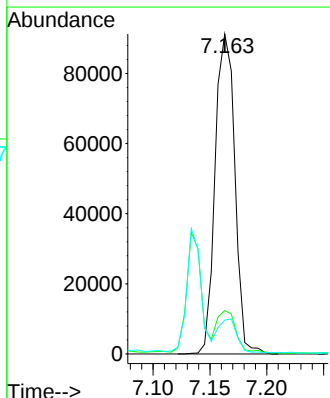
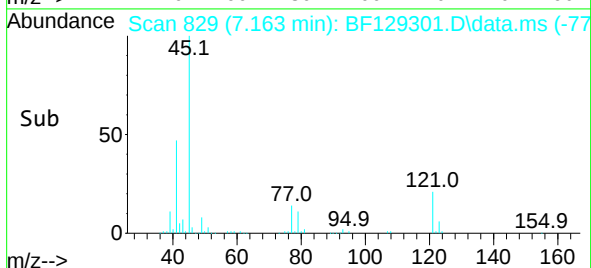
Reviewed By :Christian Giraldo 07/22/2022
Supervised By :Jagrut Upadhyay 07/22/2022

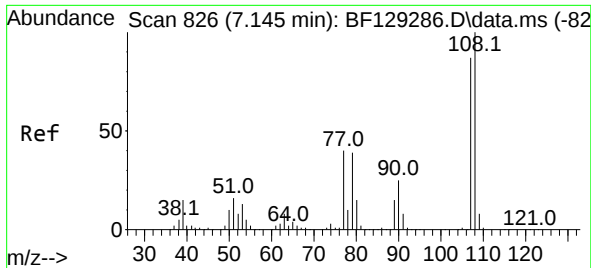


#16
2,2'-oxybis(1-Chloropropane)
Concen: 7.336 ng
RT: 7.163 min Scan# 829
Delta R.T. -0.006 min
Lab File: BF129301.D
Acq: 21 Jul 2022 17:43



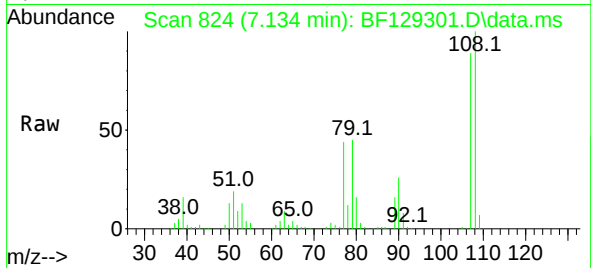
Tgt Ion: 45 Resp: 110051
Ion Ratio Lower Upper
45 100
77 13.5 0.0 31.3
79 10.6 0.0 28.3





#17
2-Methylphenol
Concen: 7.666 ng
RT: 7.134 min Scan# 81
Delta R.T. -0.012 min
Lab File: BF129301.D
Acq: 21 Jul 2022 17:43

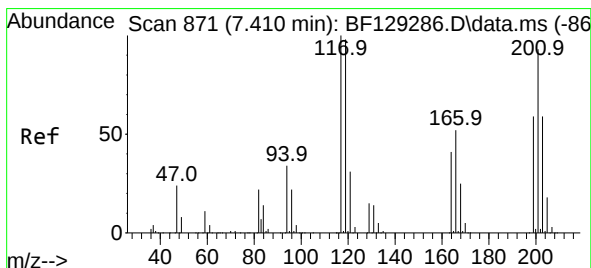
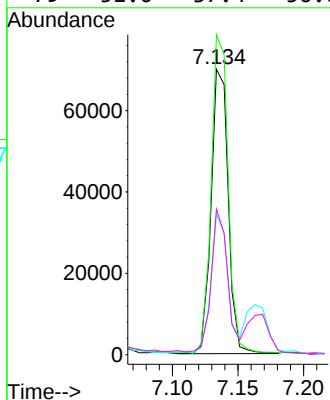
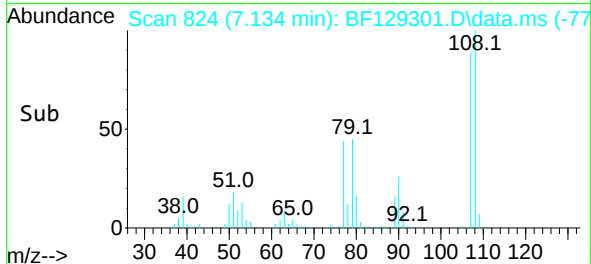
Instrument : BNA_F
ClientSampleId :
LOD-MDL-WATER-01-QT2-2022



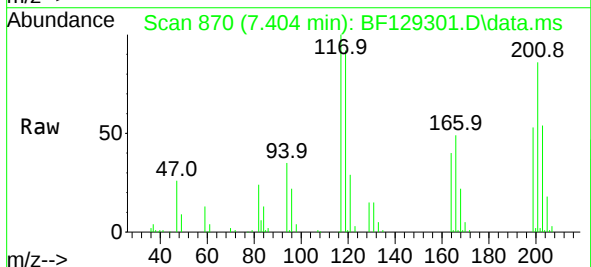
Tgt Ion:107 Resp: 63550
Ion Ratio Lower Upper
107 100
108 112.1 91.9 137.9
77 49.4 37.8 56.8
79 51.0 37.4 56.0

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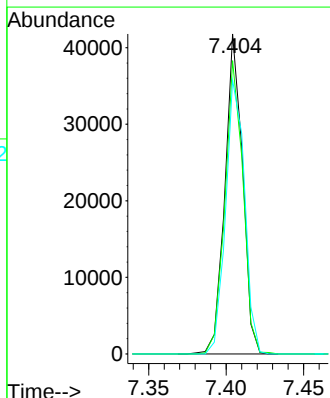
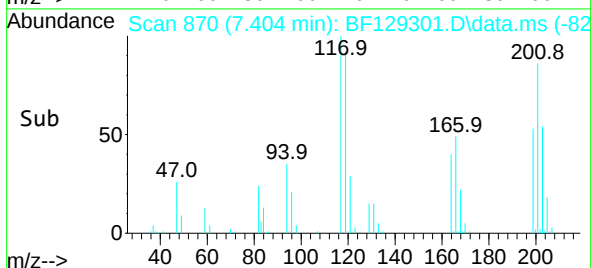
Reviewed By :Christian Giraldo 07/22/2022
Supervised By :Jagrut Upadhyay 07/22/2022

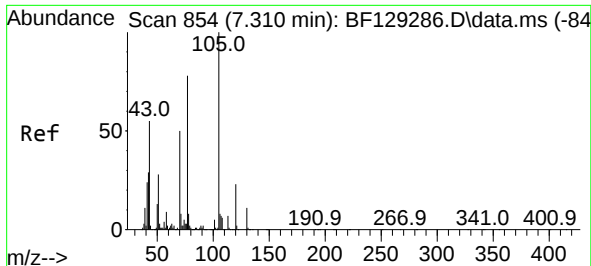


#18
Hexachloroethane
Concen: 7.942 ng
RT: 7.404 min Scan# 870
Delta R.T. -0.006 min
Lab File: BF129301.D
Acq: 21 Jul 2022 17:43



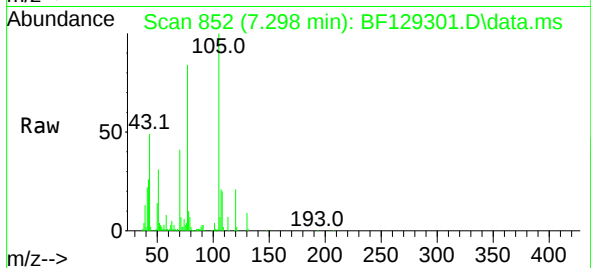
Tgt Ion:117 Resp: 33055
Ion Ratio Lower Upper
117 100
119 91.7 77.4 116.2
201 85.5 84.6 127.0





#19
n-Nitroso-di-n-propylamine
Concen: 7.907 ng
RT: 7.298 min Scan# 81
Delta R.T. -0.012 min
Lab File: BF129301.D
Acq: 21 Jul 2022 17:43

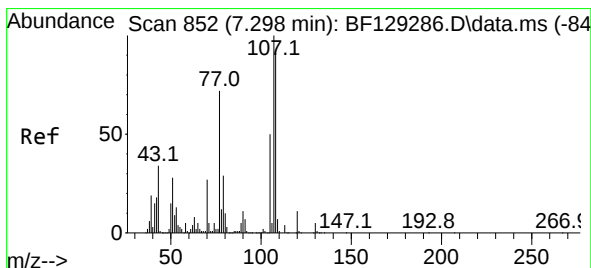
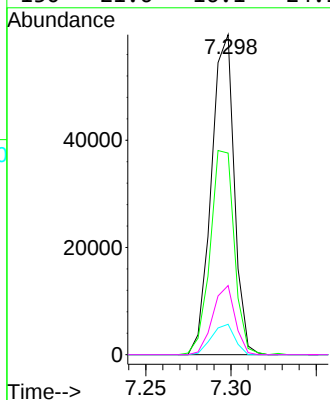
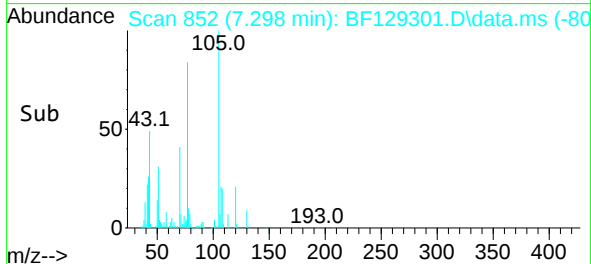
Instrument :
BNA_F
ClientSampleId :
LOD-MDL-WATER-01-QT2-2022



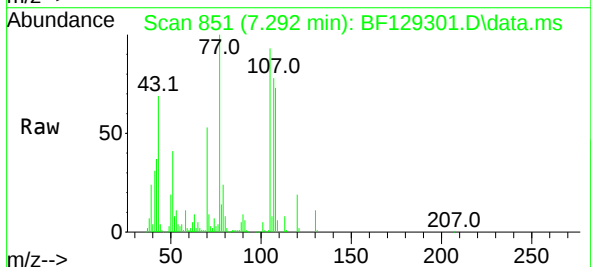
Tgt Ion: 70 Resp: 55724
Ion Ratio Lower Upper
70 100
42 63.0 52.3 78.5
101 9.5 7.5 11.3
130 21.6 16.1 24.1

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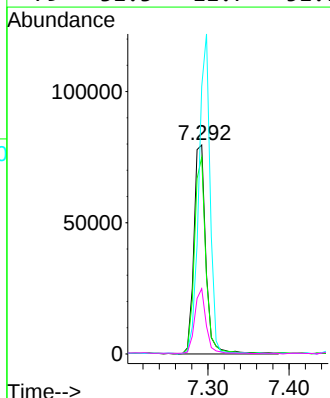
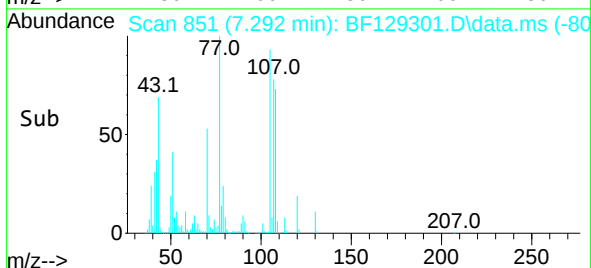
Reviewed By :Christian Giraldo 07/22/2022
Supervised By :Jagrut Upadhyay 07/22/2022

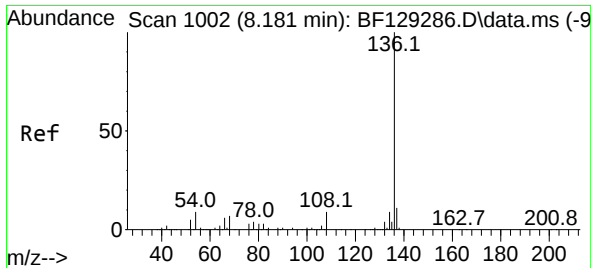


#20
3+4-Methylphenols
Concen: 7.612 ng
RT: 7.292 min Scan# 851
Delta R.T. -0.006 min
Lab File: BF129301.D
Acq: 21 Jul 2022 17:43



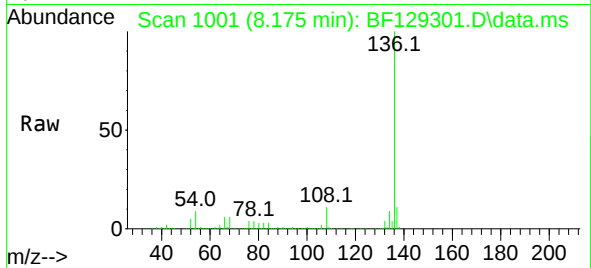
Tgt Ion:107 Resp: 82301
Ion Ratio Lower Upper
107 100
108 94.1 71.8 111.8
77 128.0 59.3 99.3#
79 31.3 11.7 51.7





#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.175 min Scan# 1001
Delta R.T. -0.006 min
Lab File: BF129301.D
Acq: 21 Jul 2022 17:43

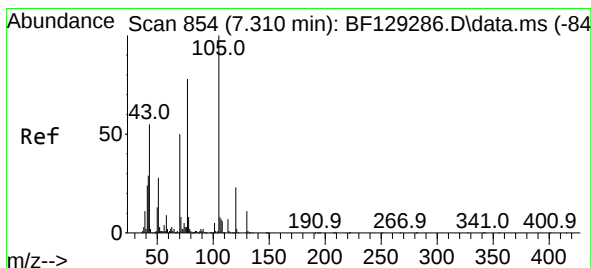
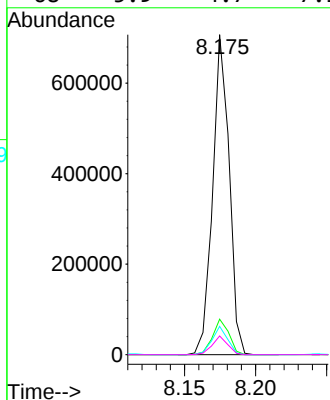
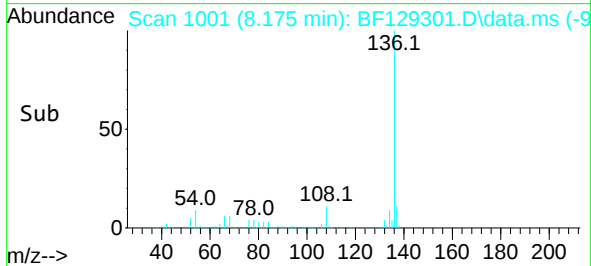
Instrument :
BNA_F
ClientSampleId :
LOD-MDL-WATER-01-QT2-2022



Tgt Ion:136 Resp: 57188
Ion Ratio Lower Upper
136 100
137 11.1 8.8 13.2
54 8.9 7.5 11.3
68 5.9 4.7 7.1

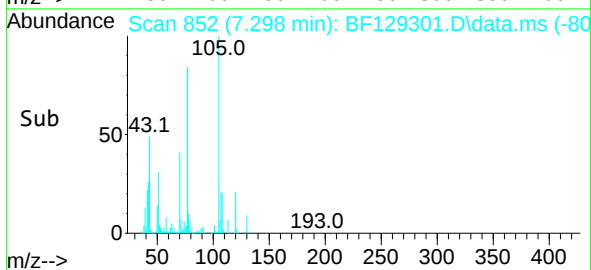
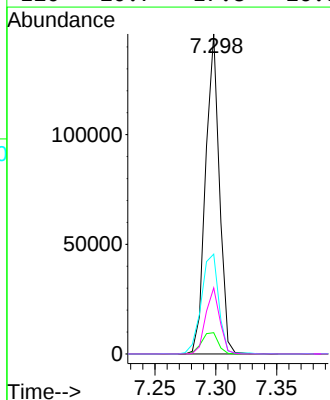
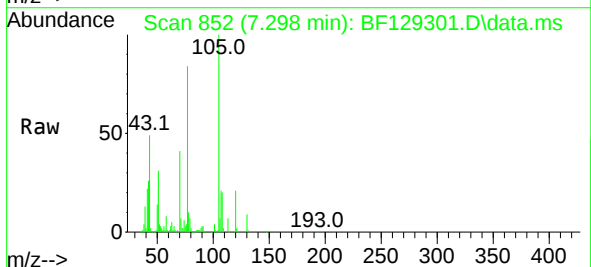
Manual Integrations
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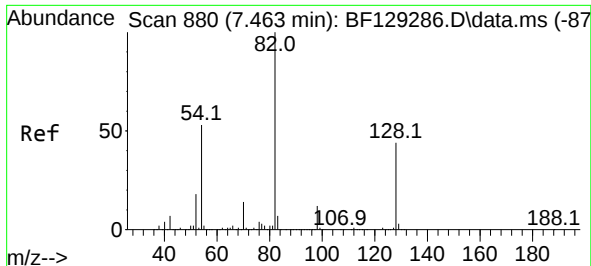
Reviewed By :Christian Giraldo 07/22/2022
Supervised By :Jagrut Upadhyay 07/22/2022



#22
Acetophenone
Concen: 8.577 ng
RT: 7.298 min Scan# 852
Delta R.T. -0.012 min
Lab File: BF129301.D
Acq: 21 Jul 2022 17:43

Tgt Ion:105 Resp: 115171
Ion Ratio Lower Upper
105 100
71 6.7 5.0 7.4
51 31.2 25.0 37.4
120 20.7 17.8 26.8





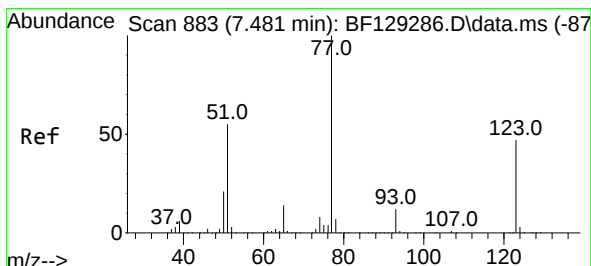
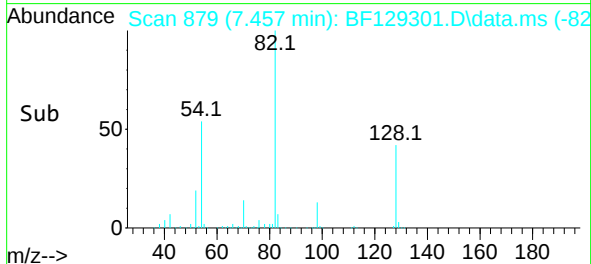
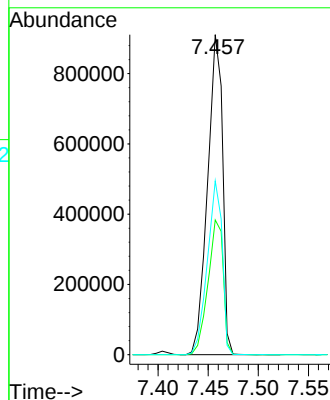
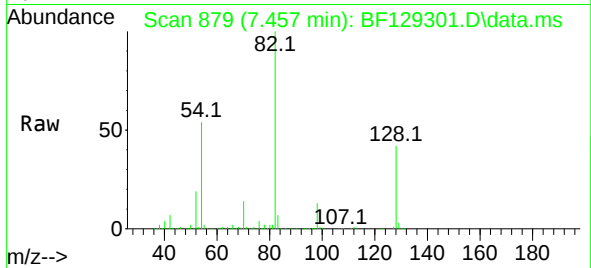
#23
Nitrobenzene-d5
Concen: 89.321 ng
RT: 7.457 min Scan# 81
Delta R.T. -0.006 min
Lab File: BF129301.D
Acq: 21 Jul 2022 17:43

Instrument :
BNA_F
ClientSampleId :
LOD-MDL-WATER-01-QT2-2022

Tgt Ion: 82 Resp: 94948
Ion Ratio Lower Upper
82 100
128 42.1 34.0 51.0
54 54.3 46.9 70.3

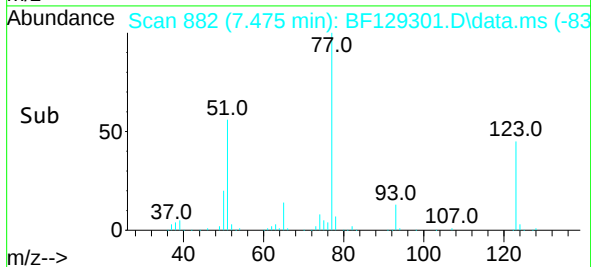
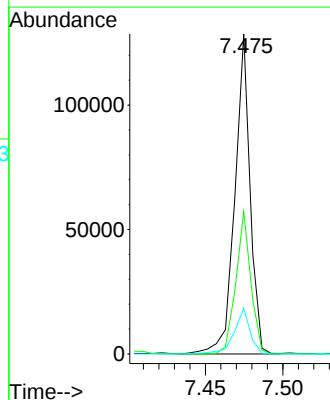
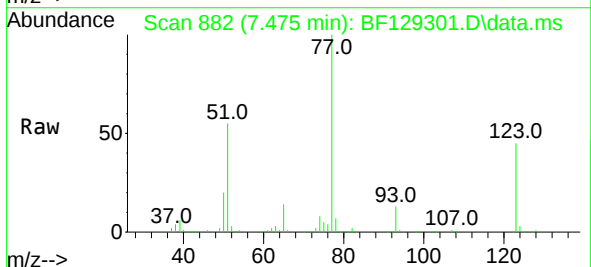
Manual Integrations
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Reviewed By :Christian Giraldo 07/22/2022
Supervised By :Jagrut Upadhyay 07/22/2022



#24
Nitrobenzene
Concen: 8.055 ng
RT: 7.475 min Scan# 882
Delta R.T. -0.006 min
Lab File: BF129301.D
Acq: 21 Jul 2022 17:43

Tgt Ion: 77 Resp: 88192
Ion Ratio Lower Upper
77 100
123 44.6 35.4 53.2
65 14.3 11.8 17.8





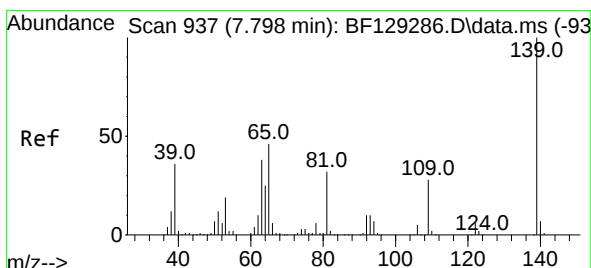
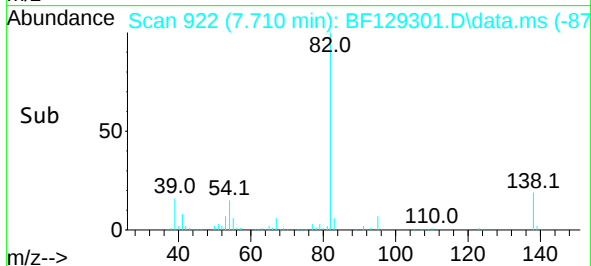
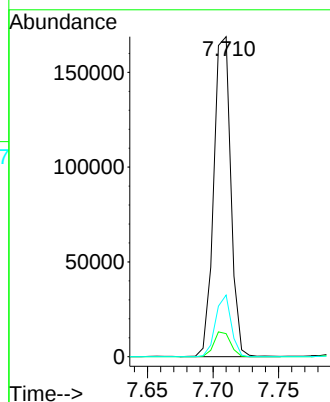
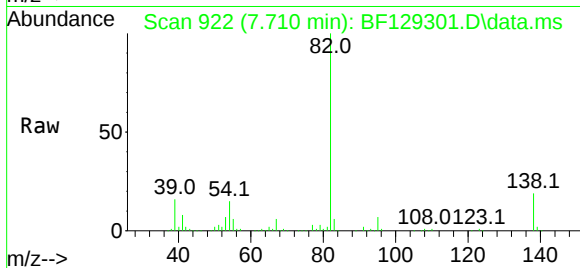
#25
Isophorone
Concen: 8.188 ng
RT: 7.710 min Scan# 91
Delta R.T. -0.006 min
Lab File: BF129301.D
Acq: 21 Jul 2022 17:43

Instrument : BNA_F
ClientSampleId :
LOD-MDL-WATER-01-QT2-2022

Tgt Ion: 82 Resp: 15280
Ion Ratio Lower Upper
82 100
95 7.2 5.7 8.5
138 19.2 14.2 21.2

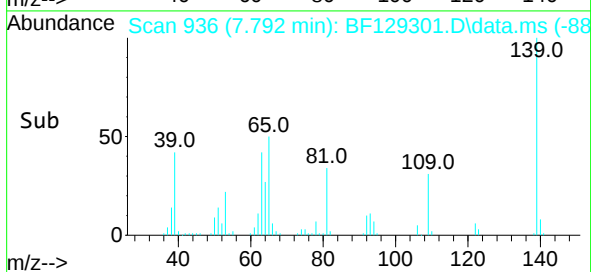
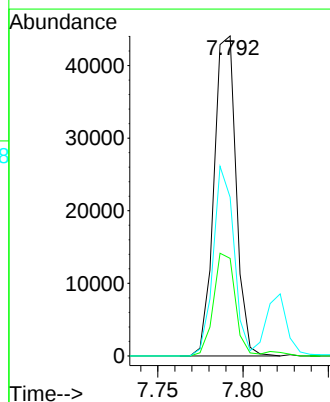
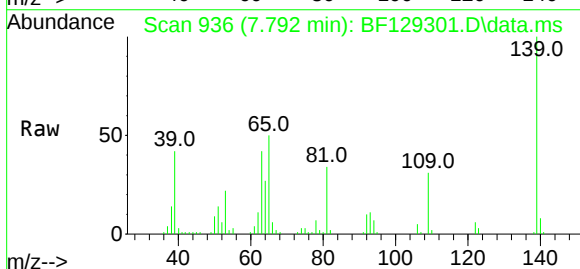
Manual Integrations
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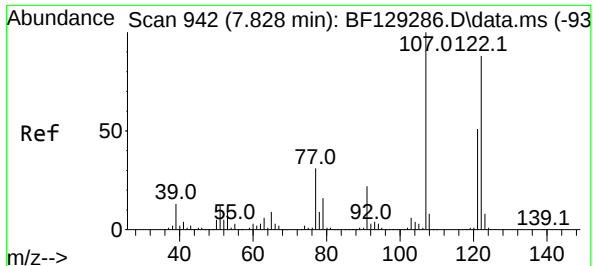
Reviewed By :Christian Giraldo 07/22/2022
Supervised By :Jagrut Upadhyay 07/22/2022



#26
2-Nitrophenol
Concen: 7.533 ng
RT: 7.792 min Scan# 936
Delta R.T. -0.006 min
Lab File: BF129301.D
Acq: 21 Jul 2022 17:43

Tgt Ion:139 Resp: 39796
Ion Ratio Lower Upper
139 100
109 30.5 25.0 37.4
65 49.6 45.1 67.7





#27

2,4-Dimethylphenol

Concen: 8.621 ng m

RT: 7.822 min Scan# 94

Delta R.T. -0.006 min

Lab File: BF129301.D

Acq: 21 Jul 2022 17:43

Instrument :

BNA_F

ClientSampleId :

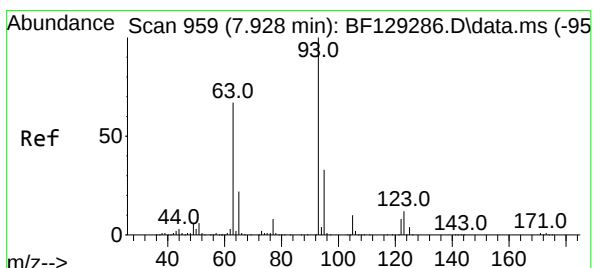
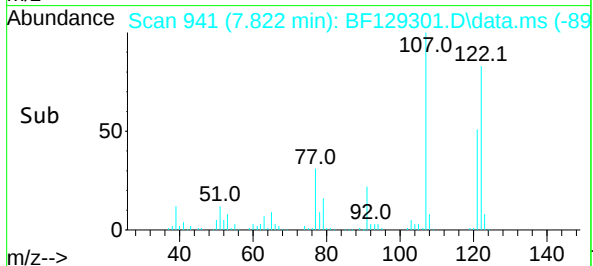
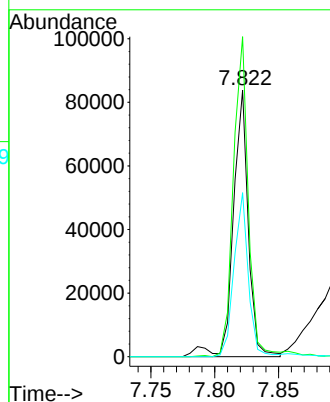
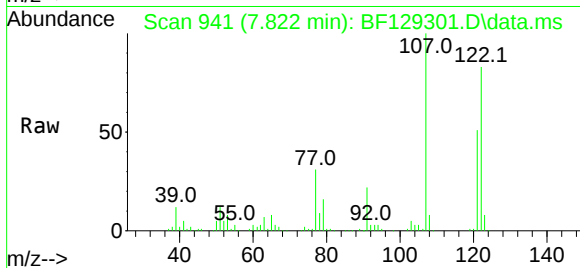
LOD-MDL-WATER-01-QT2-2022

Tgt Ion:122 Resp: 6851
 Ion Ratio Lower Upper
 122 100
 107 120.1 93.0 139.6
 121 61.5 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: 8.612 ng

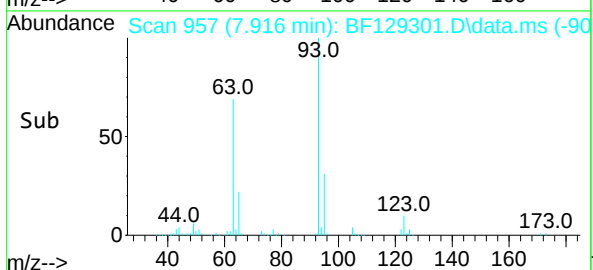
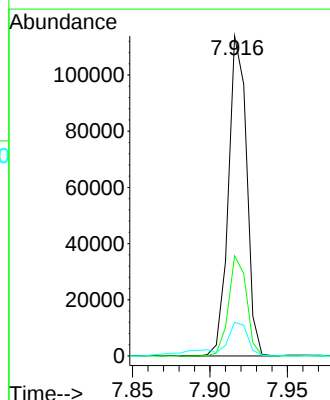
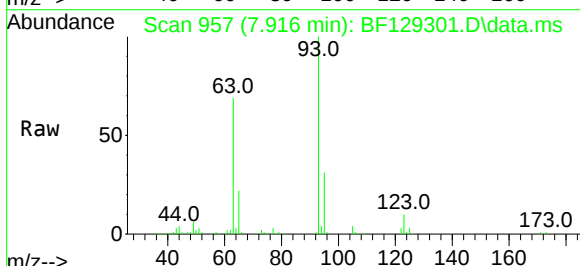
RT: 7.916 min Scan# 957

Delta R.T. -0.012 min

Lab File: BF129301.D

Acq: 21 Jul 2022 17:43

Tgt Ion: 93 Resp: 93113
 Ion Ratio Lower Upper
 93 100
 95 31.3 26.8 40.2
 123 10.5 9.2 13.8





#29

2,4-Dichlorophenol

Concen: 7.498 ng

RT: 8.028 min Scan# 91

Delta R.T. -0.006 min

Lab File: BF129301.D

Acq: 21 Jul 2022 17:43

Instrument :

BNA_F

ClientSampleId :

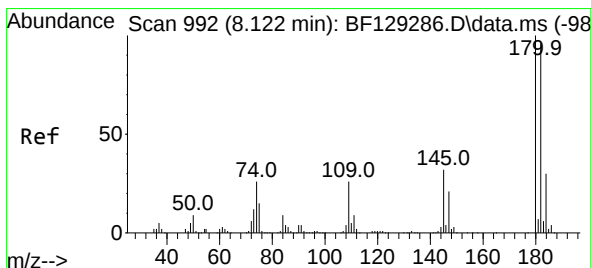
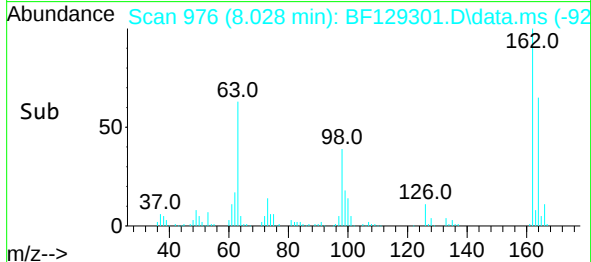
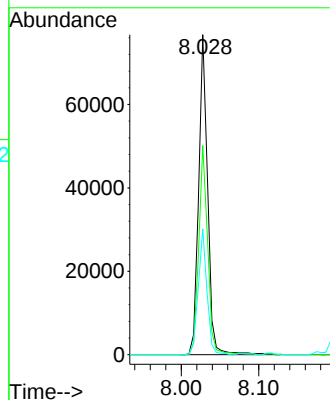
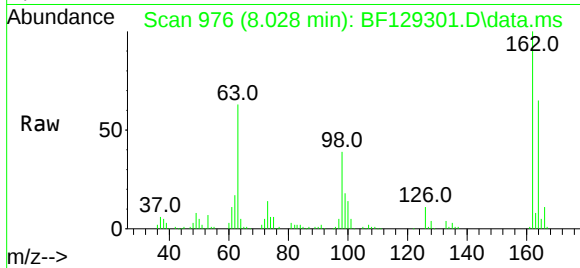
LOD-MDL-WATER-01-QT2-2022

Tgt Ion:162 Resp: 61980
 Ion Ratio Lower Upper
 162 100
 164 65.4 44.2 84.2
 98 39.3 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: 8.226 ng

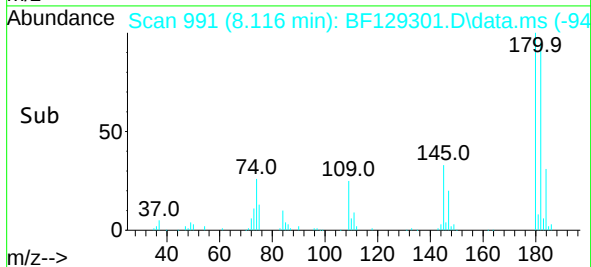
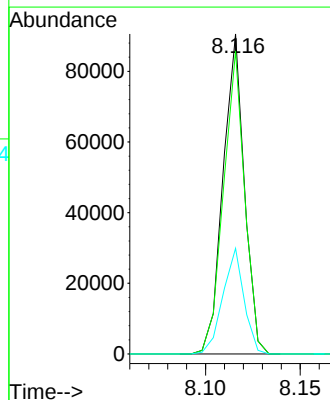
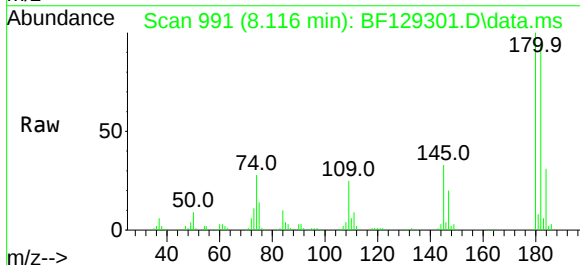
RT: 8.116 min Scan# 991

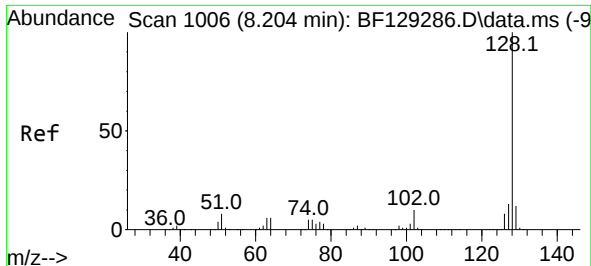
Delta R.T. -0.006 min

Lab File: BF129301.D

Acq: 21 Jul 2022 17:43

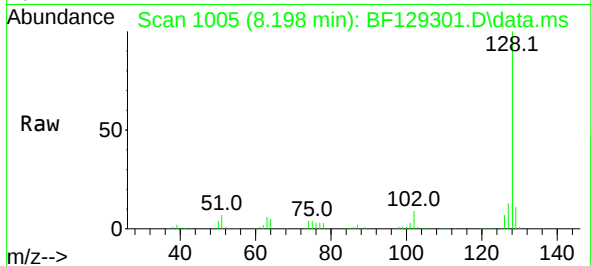
Tgt Ion:180 Resp: 70668
 Ion Ratio Lower Upper
 180 100
 182 94.7 79.2 118.8
 145 33.0 26.2 39.2





#31
Naphthalene
Concen: 8.009 ng
RT: 8.198 min Scan# 1006
Delta R.T. -0.006 min
Lab File: BF129301.D
Acq: 21 Jul 2022 17:43

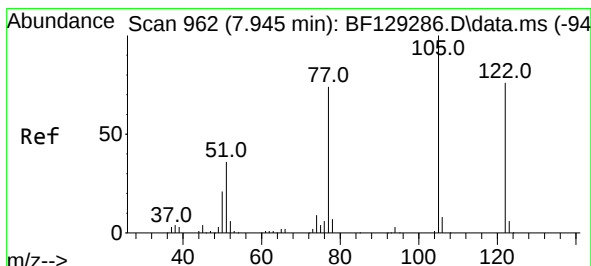
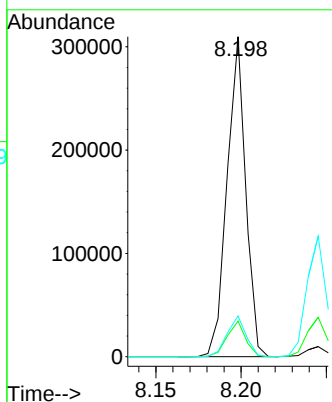
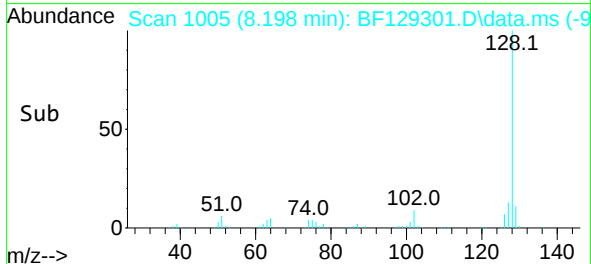
Instrument : BNA_F
ClientSampleId :
LOD-MDL-WATER-01-QT2-2022



Tgt Ion:128 Resp: 234919
Ion Ratio Lower Upper
128 100
129 11.1 9.2 13.8
127 12.7 10.5 15.7

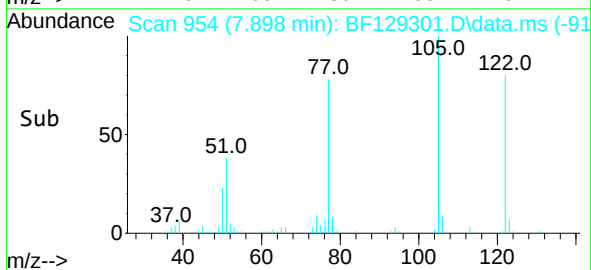
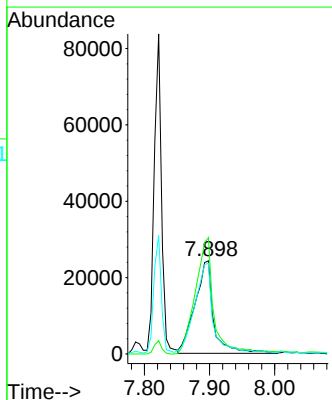
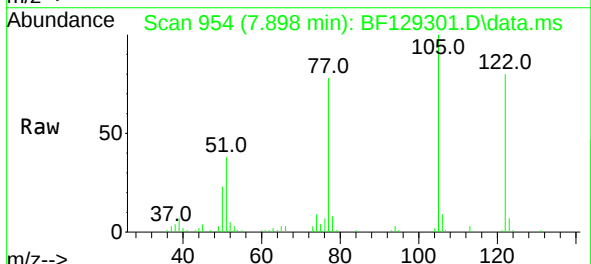
Manual Integrations
APPROVED

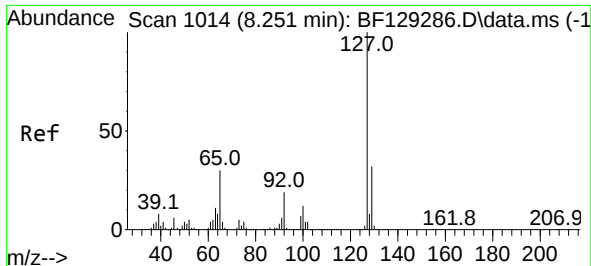
Reviewed By :Christian Giraldo 07/22/2022
Supervised By :Jagrut Upadhyay 07/22/2022



#32
Benzoic acid
Concen: 8.353 ng m
RT: 7.898 min Scan# 954
Delta R.T. -0.047 min
Lab File: BF129301.D
Acq: 21 Jul 2022 17:43

Tgt Ion:122 Resp: 48523
Ion Ratio Lower Upper
122 100
105 125.0 107.1 147.1
77 97.5 74.2 114.2





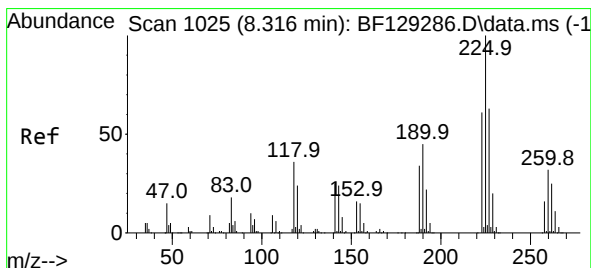
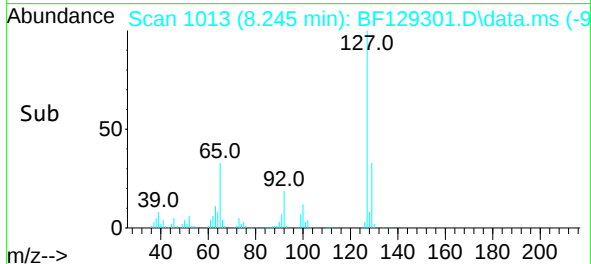
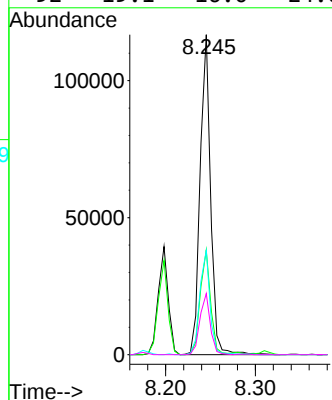
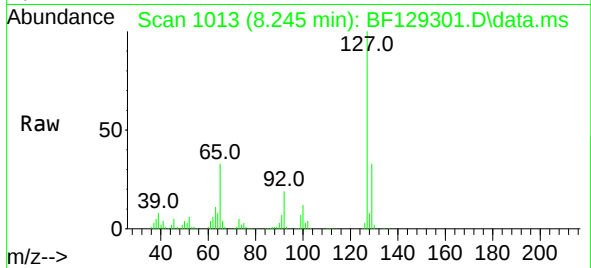
#33
4-Chloroaniline
Concen: 7.953 ng
RT: 8.245 min Scan# 1013
Delta R.T. -0.006 min
Lab File: BF129301.D
Acq: 21 Jul 2022 17:43

Instrument :
BNA_F
ClientSampleId :
LOD-MDL-WATER-01-QT2-2022

Tgt Ion	Ratio	Lower	Upper
127	100		
129	32.7	26.4	39.6
65	32.5	26.4	39.6
92	19.1	16.0	24.0

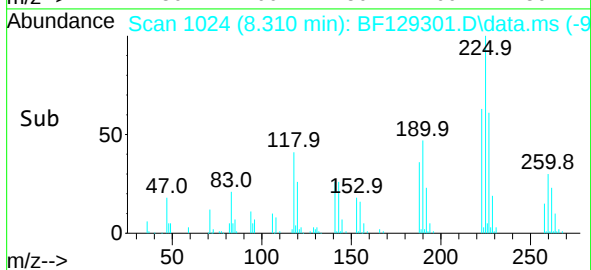
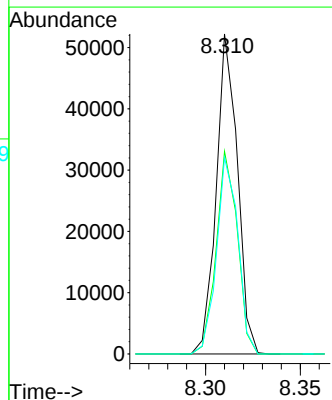
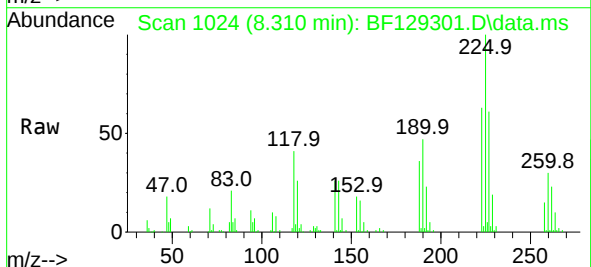
Manual Integrations
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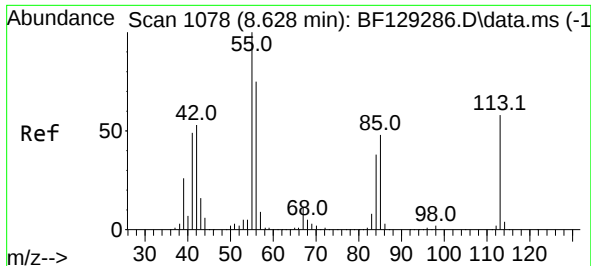
Reviewed By :Christian Giraldo 07/22/2022
Supervised By :Jagrut Upadhyay 07/22/2022



#34
Hexachlorobutadiene
Concen: 8.260 ng
RT: 8.310 min Scan# 1024
Delta R.T. -0.006 min
Lab File: BF129301.D
Acq: 21 Jul 2022 17:43

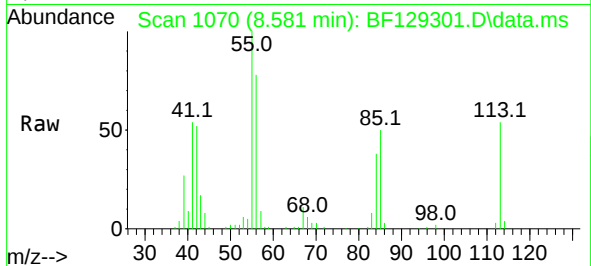
Tgt Ion	Ratio	Lower	Upper
225	100		
223	63.3	51.0	76.6
227	61.4	51.1	76.7





#35
 Caprolactam
 Concen: 7.375 ng
 RT: 8.581 min Scan# 1093
 Delta R.T. -0.047 min
 Lab File: BF129301.D
 Acq: 21 Jul 2022 17:43

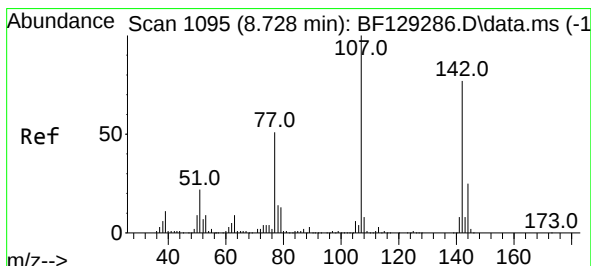
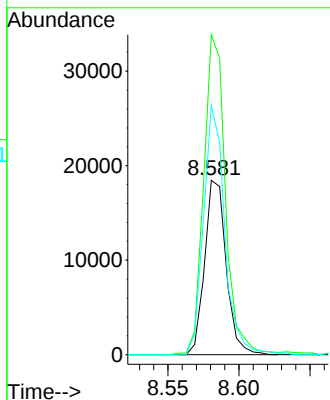
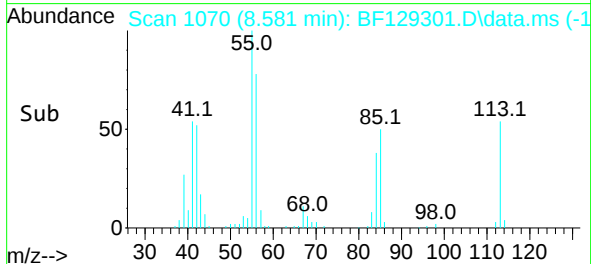
Instrument :
 BNA_F
 ClientSampleId :
 LOD-MDL-WATER-01-QT2-2022



Tgt Ion:113 Resp: 1944
 Ion Ratio Lower Upper
 113 100
 55 183.6 188.5 228.5
 56 142.9 130.6 170.6

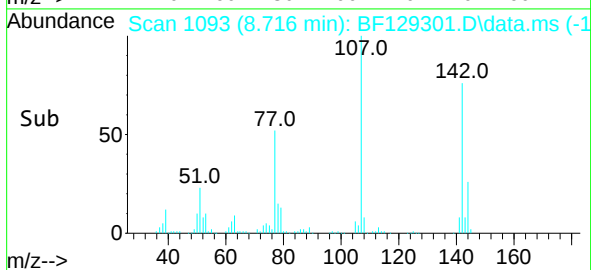
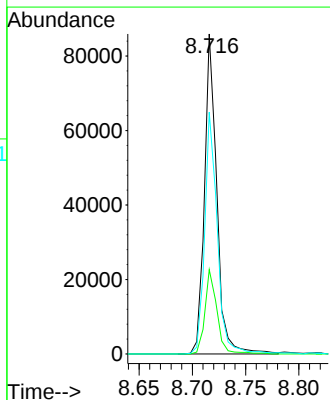
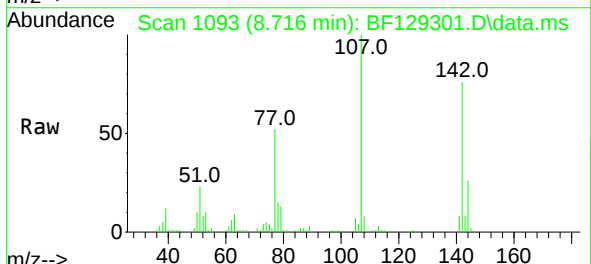
Manual Integrations
 APPROVED

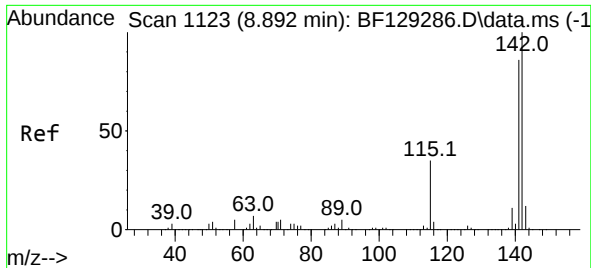
Reviewed By :Christian Giraldo 07/22/2022
 Supervised By :Jagrut Upadhyay 07/22/2022



#36
 4-Chloro-3-methylphenol
 Concen: 7.924 ng
 RT: 8.716 min Scan# 1093
 Delta R.T. -0.012 min
 Lab File: BF129301.D
 Acq: 21 Jul 2022 17:43

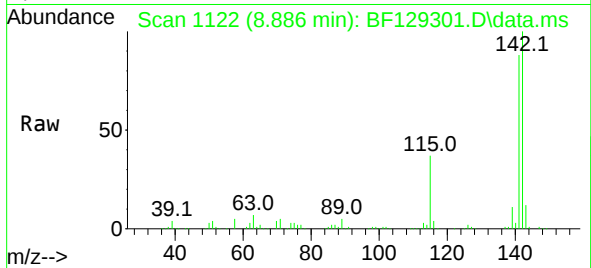
Tgt Ion:107 Resp: 69591
 Ion Ratio Lower Upper
 107 100
 144 26.3 19.5 29.3
 142 75.6 58.2 87.4





#37
2-Methylnaphthalene
Concen: 7.981 ng
RT: 8.886 min Scan# 1119
Delta R.T. -0.006 min
Lab File: BF129301.D
Acq: 21 Jul 2022 17:43

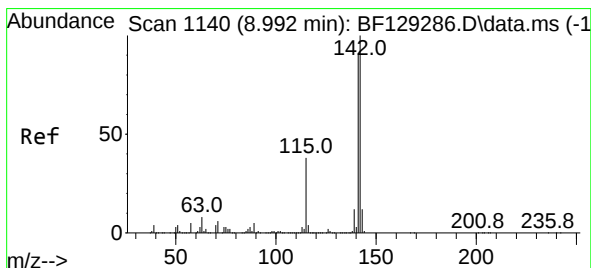
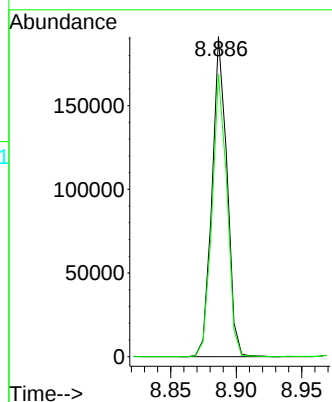
Instrument :
BNA_F
ClientSampleId :
LOD-MDL-WATER-01-QT2-2022



Tgt Ion:142 Resp: 15168
Ion Ratio Lower Upper
142 100
141 88.3 71.0 106.4

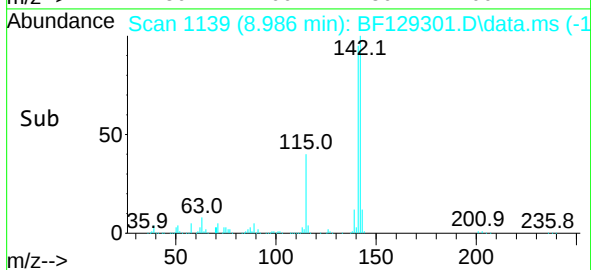
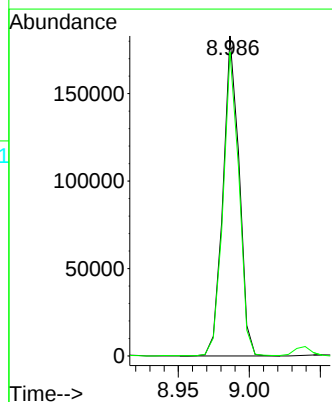
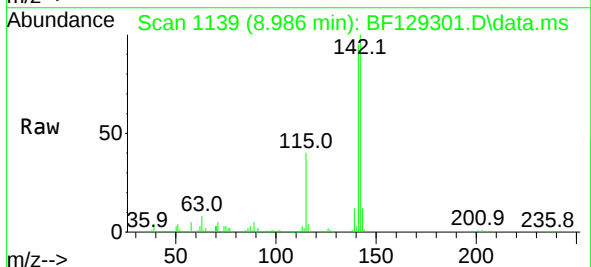
Manual Integrations
APPROVED

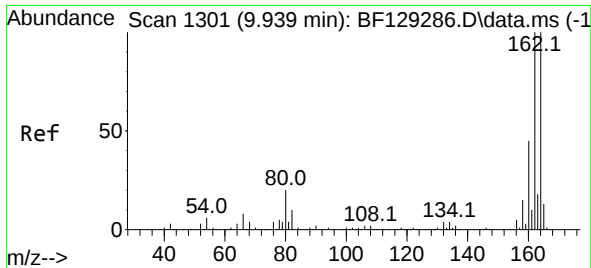
Reviewed By :Christian Giraldo 07/22/2022
Supervised By :Jagrut Upadhyay 07/22/2022



#38
1-Methylnaphthalene
Concen: 7.816 ng
RT: 8.986 min Scan# 1139
Delta R.T. -0.006 min
Lab File: BF129301.D
Acq: 21 Jul 2022 17:43

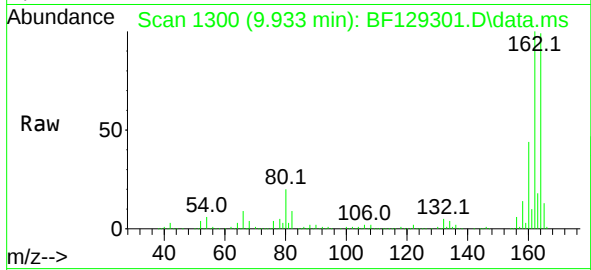
Tgt Ion:142 Resp: 143720
Ion Ratio Lower Upper
142 100
141 95.0 74.2 111.4





#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.933 min Scan# 1150
Delta R.T. -0.006 min
Lab File: BF129301.D
Acq: 21 Jul 2022 17:43

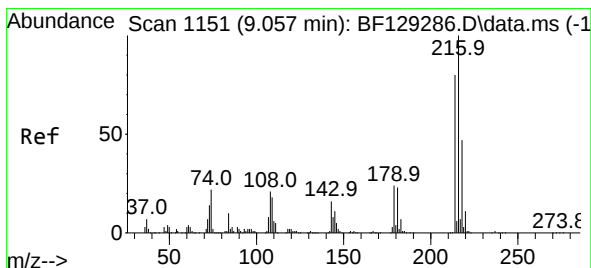
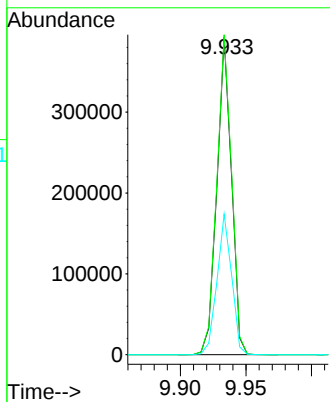
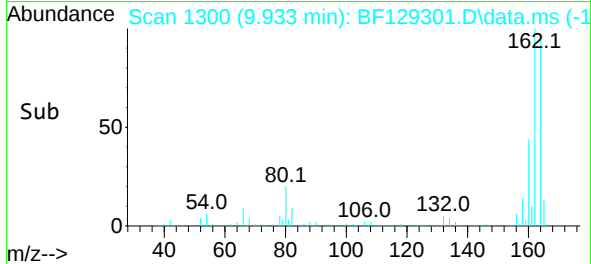
Instrument :
BNA_F
ClientSampleId :
LOD-MDL-WATER-01-QT2-2022



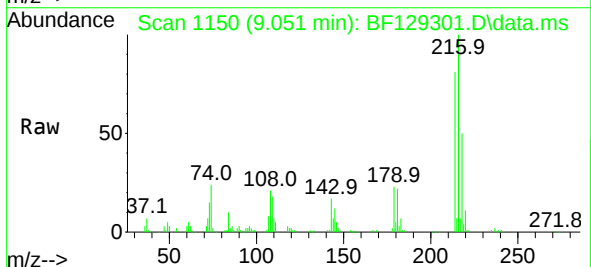
Tgt Ion:164 Resp: 30376
Ion Ratio Lower Upper
164 100
162 100.8 79.5 119.3
160 44.3 34.2 51.4

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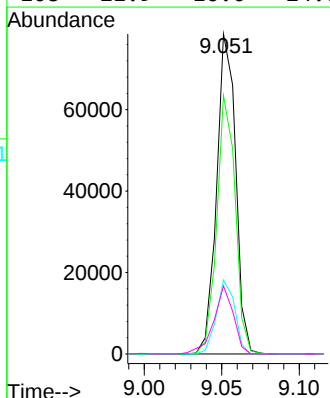
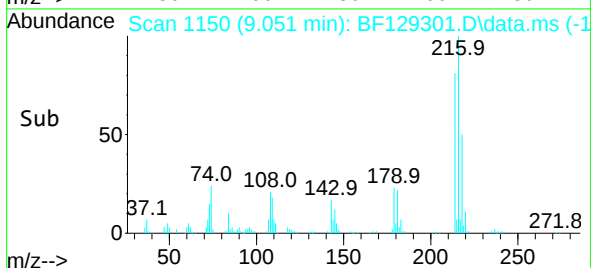
Reviewed By :Christian Giraldo 07/22/2022
Supervised By :Jagrut Upadhyay 07/22/2022



#40
1,2,4,5-Tetrachlorobenzene
Concen: 8.410 ng
RT: 9.051 min Scan# 1150
Delta R.T. -0.006 min
Lab File: BF129301.D
Acq: 21 Jul 2022 17:43



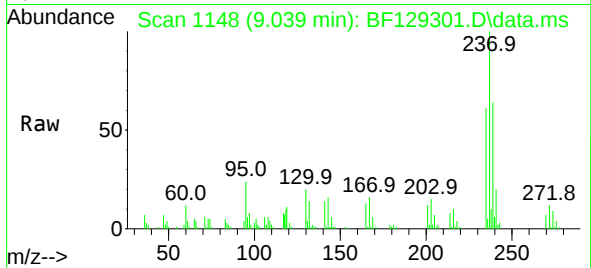
Tgt Ion:216 Resp: 67063
Ion Ratio Lower Upper
216 100
214 78.3 63.6 95.4
179 22.5 17.0 25.6
108 21.9 16.0 24.0





#41
Hexachlorocyclopentadiene
Concen: 8.096 ng
RT: 9.039 min Scan# 1148
Delta R.T. -0.006 min
Lab File: BF129301.D
Acq: 21 Jul 2022 17:43

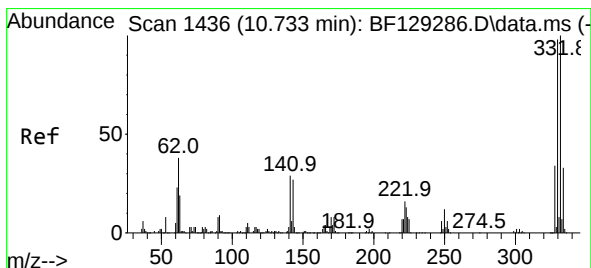
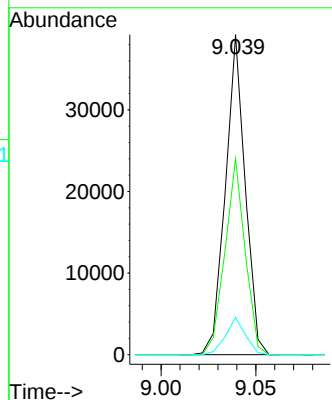
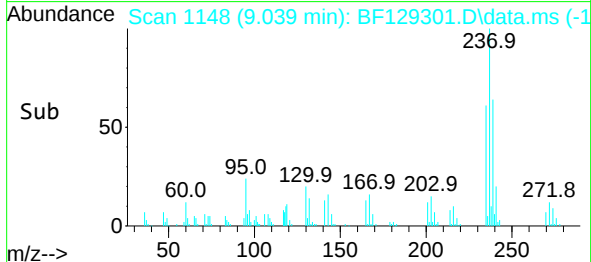
Instrument :
BNA_F
ClientSampleId :
LOD-MDL-WATER-01-QT2-2022



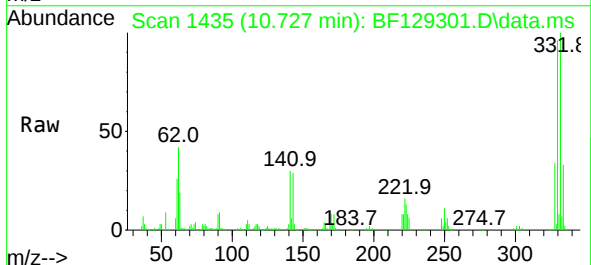
Tgt Ion:237 Resp: 28458
Ion Ratio Lower Upper
237 100
235 61.2 43.2 83.2
272 11.7 0.0 31.9

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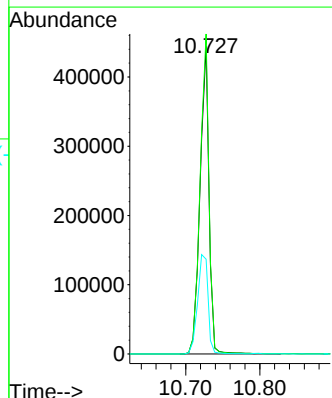
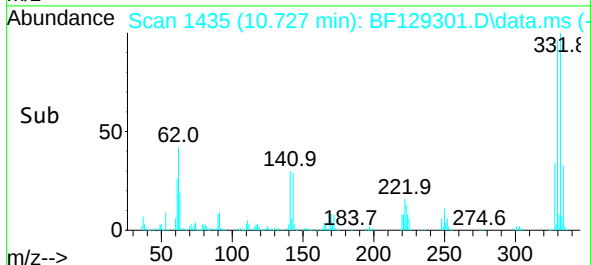
Reviewed By :Christian Giraldo 07/22/2022
Supervised By :Jagrut Upadhyay 07/22/2022

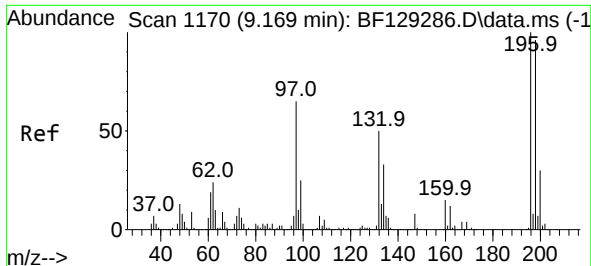


#42
2,4,6-Tribromophenol
Concen: 127.165 ng
RT: 10.727 min Scan# 1435
Delta R.T. -0.006 min
Lab File: BF129301.D
Acq: 21 Jul 2022 17:43



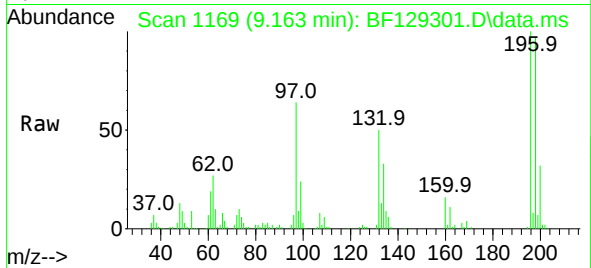
Tgt Ion:330 Resp: 372680
Ion Ratio Lower Upper
330 100
332 103.4 76.8 115.2
141 37.6 28.0 42.0





#43
2,4,6-Trichlorophenol
Concen: 7.687 ng
RT: 9.163 min Scan# 1169
Delta R.T. -0.006 min
Lab File: BF129301.D
Acq: 21 Jul 2022 17:43

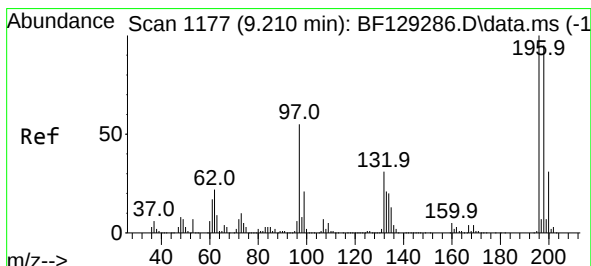
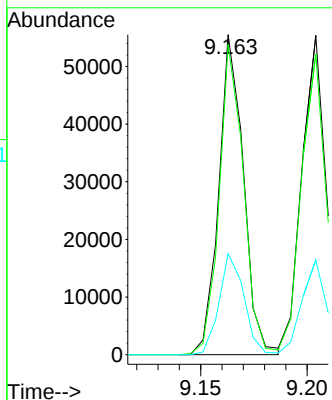
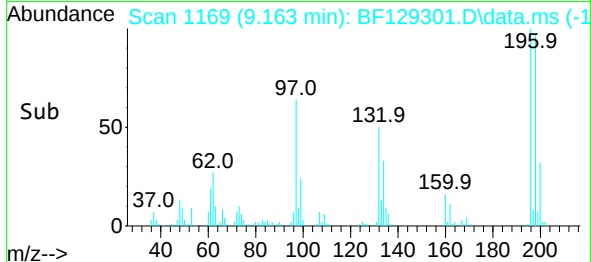
Instrument : BNA_F
ClientSampleId :
LOD-MDL-WATER-01-QT2-2022



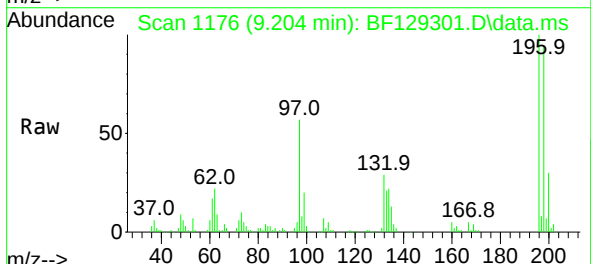
Tgt Ion:196 Resp: 44790
Ion Ratio Lower Upper
196 100
198 97.0 74.0 111.0
200 31.5 24.1 36.1

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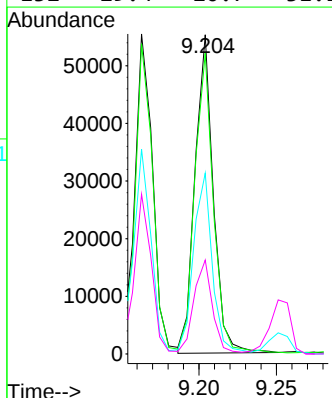
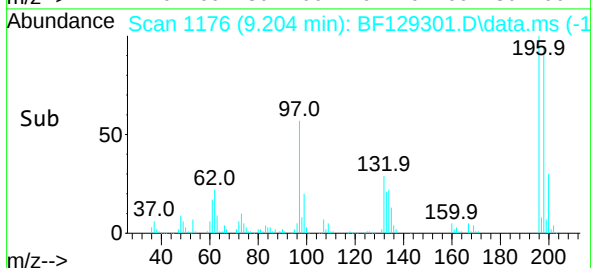
Reviewed By :Christian Giraldo 07/22/2022
Supervised By :Jagrut Upadhyay 07/22/2022

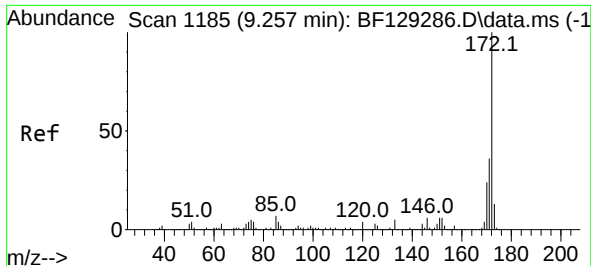


#44
2,4,5-Trichlorophenol
Concen: 7.201 ng
RT: 9.204 min Scan# 1176
Delta R.T. -0.006 min
Lab File: BF129301.D
Acq: 21 Jul 2022 17:43



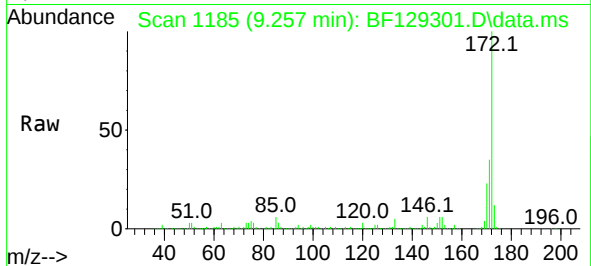
Tgt Ion:196 Resp: 45523
Ion Ratio Lower Upper
196 100
198 94.2 75.7 113.5
97 56.6 36.4 54.6#
132 29.4 20.7 31.1





#45
2-Fluorobiphenyl
Concen: 83.552 ng
RT: 9.257 min Scan# 1185
Delta R.T. 0.000 min
Lab File: BF129301.D
Acq: 21 Jul 2022 17:43

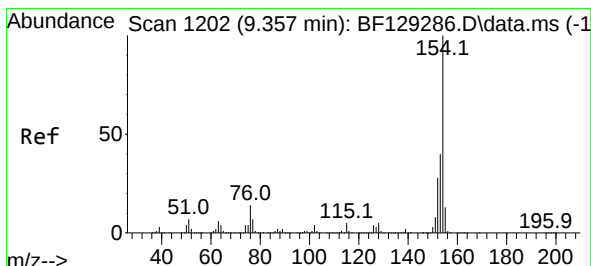
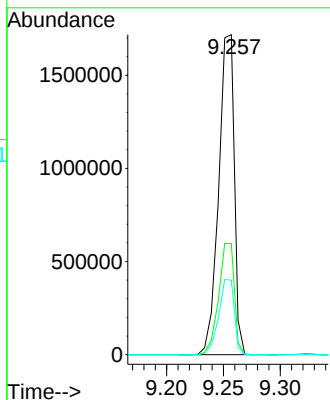
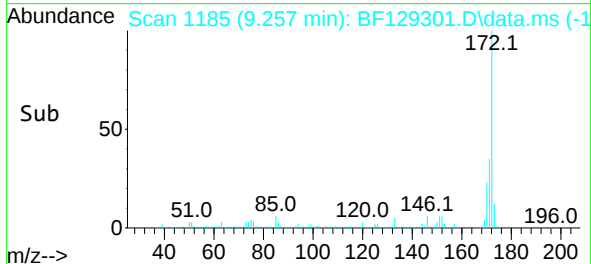
Instrument :
BNA_F
ClientSampleId :
LOD-MDL-WATER-01-QT2-2022



Tgt Ion:172 Resp: 164980
Ion Ratio Lower Upper
172 100
171 34.7 28.8 43.2
170 23.3 19.8 29.8

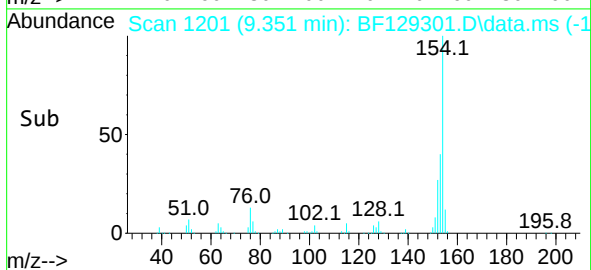
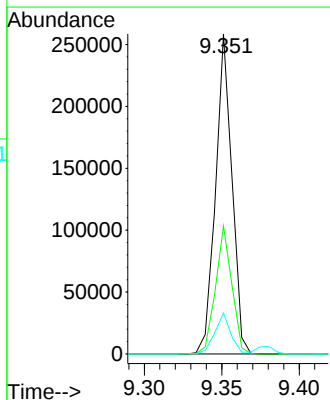
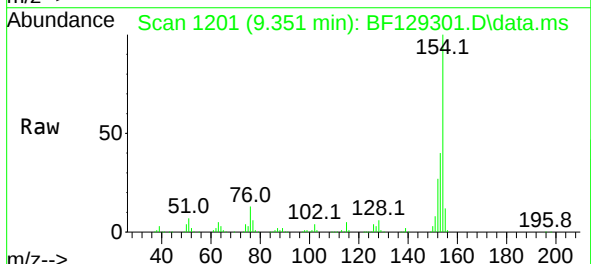
Manual Integrations
APPROVED

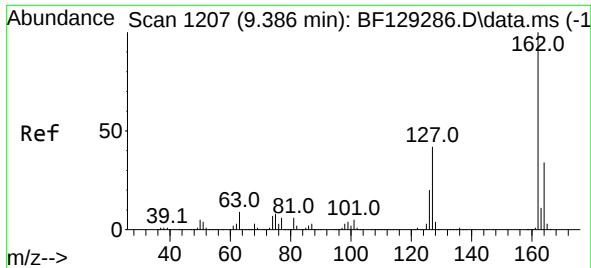
Reviewed By :Christian Giraldo 07/22/2022
Supervised By :Jagrut Upadhyay 07/22/2022



#46
1,1'-Biphenyl
Concen: 8.445 ng
RT: 9.351 min Scan# 1201
Delta R.T. -0.006 min
Lab File: BF129301.D
Acq: 21 Jul 2022 17:43

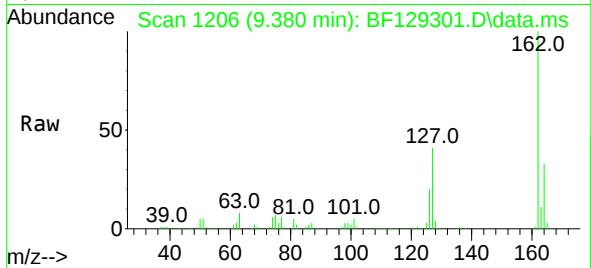
Tgt Ion:154 Resp: 189565
Ion Ratio Lower Upper
154 100
153 40.0 20.6 60.6
76 12.8 0.0 33.3





#47
2-Chloronaphthalene
Concen: 8.024 ng
RT: 9.380 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF129301.D
Acq: 21 Jul 2022 17:43

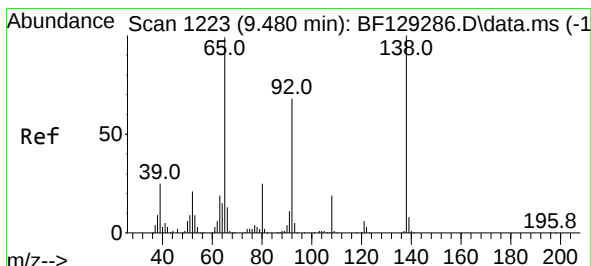
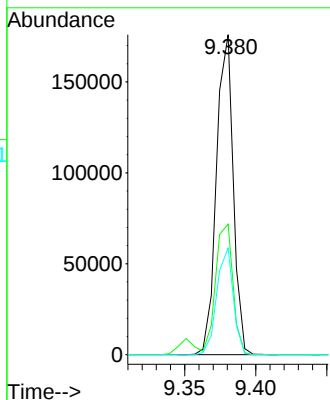
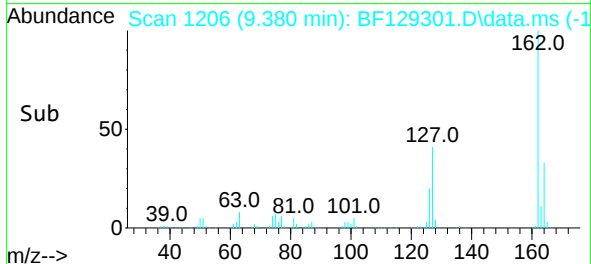
Instrument :
BNA_F
ClientSampleId :
LOD-MDL-WATER-01-QT2-2022



Tgt Ion:162 Resp: 14426
Ion Ratio Lower Upper
162 100
127 40.8 34.5 51.7
164 33.3 26.5 39.7

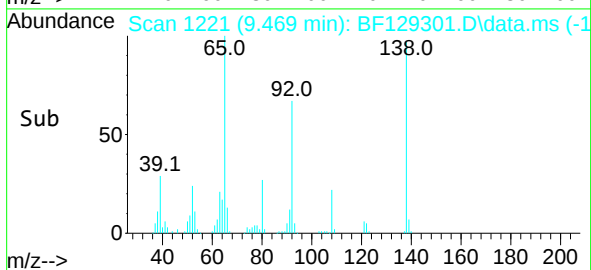
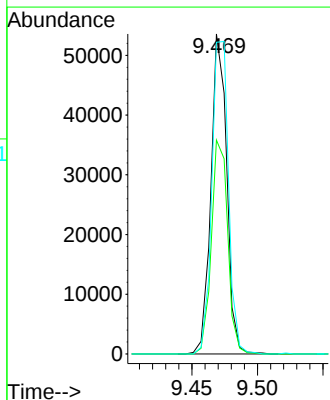
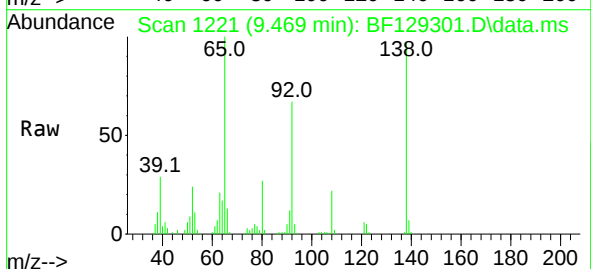
Manual Integrations
APPROVED

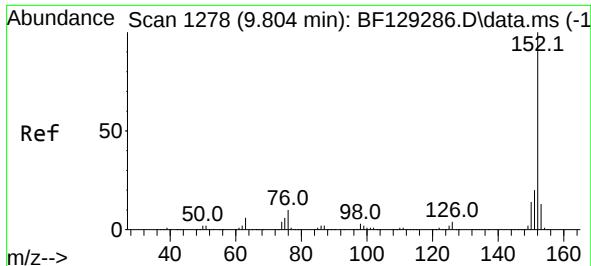
Reviewed By :Christian Giraldo 07/22/2022
Supervised By :Jagrut Upadhyay 07/22/2022



#48
2-Nitroaniline
Concen: 7.430 ng
RT: 9.469 min Scan# 1221
Delta R.T. -0.012 min
Lab File: BF129301.D
Acq: 21 Jul 2022 17:43

Tgt Ion: 65 Resp: 44866
Ion Ratio Lower Upper
65 100
92 66.9 51.9 77.9
138 97.4 76.4 114.6





#49

Acenaphthylene

Concen: 8.569 ng

RT: 9.792 min Scan# 1276

Delta R.T. -0.012 min

Lab File: BF129301.D

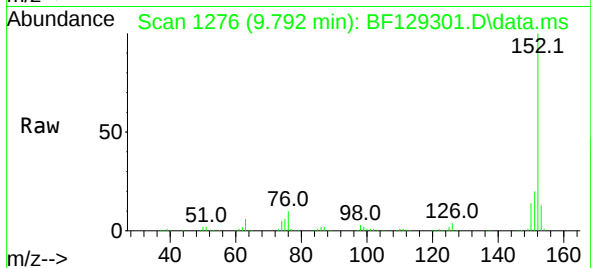
Acq: 21 Jul 2022 17:43

Instrument :

BNA_F

ClientSampleId :

LOD-MDL-WATER-01-QT2-2022



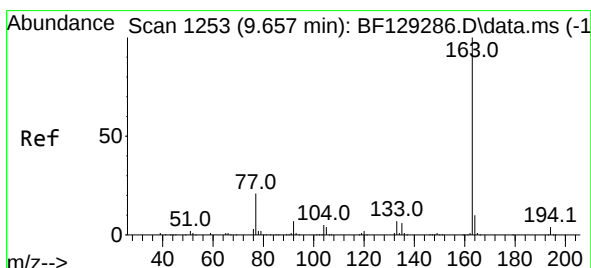
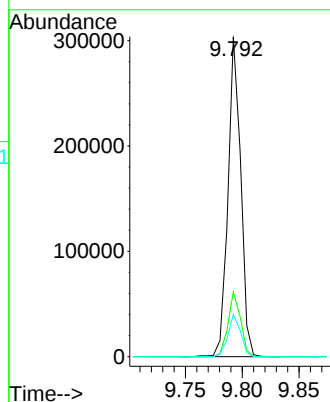
Tgt Ion:152 Resp: 236609

Ion	Ratio	Lower	Upper
152	100		
151	20.3	16.2	24.4
153	13.2	10.7	16.1

Manual Integrations

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



#50

Dimethylphthalate

Concen: 8.003 ng

RT: 9.645 min Scan# 1251

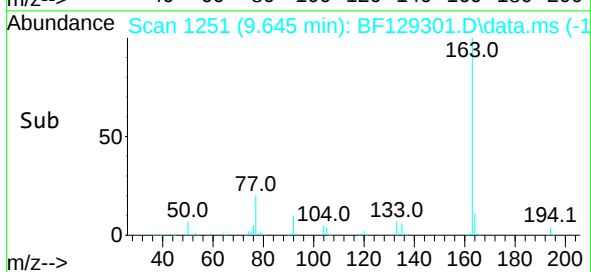
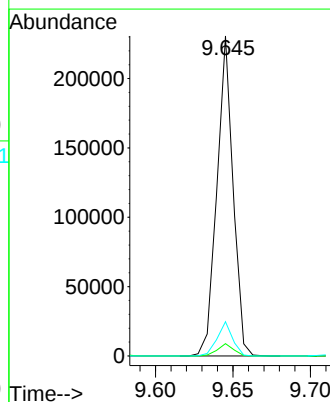
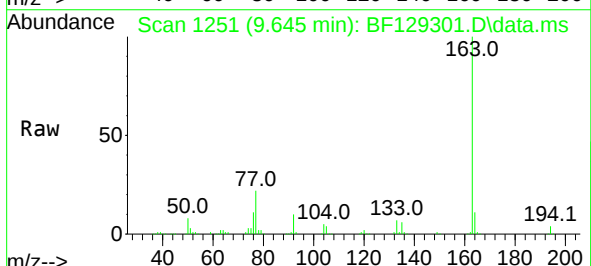
Delta R.T. -0.012 min

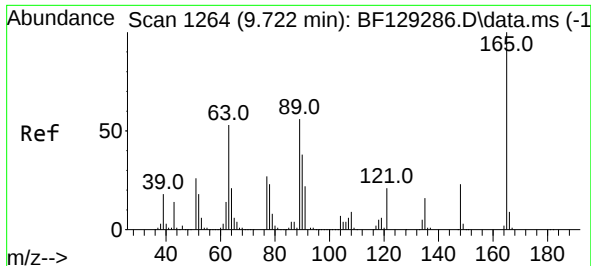
Lab File: BF129301.D

Acq: 21 Jul 2022 17:43

Tgt Ion:163 Resp: 167017

Ion	Ratio	Lower	Upper
163	100		
194	3.8	3.2	4.8
164	10.7	8.2	12.2





#51

2,6-Dinitrotoluene

Concen: 7.814 ng

RT: 9.710 min Scan# 1

Delta R.T. -0.012 min

Lab File: BF129301.D

Acq: 21 Jul 2022 17:43

Instrument :

BNA_F

ClientSampleId :

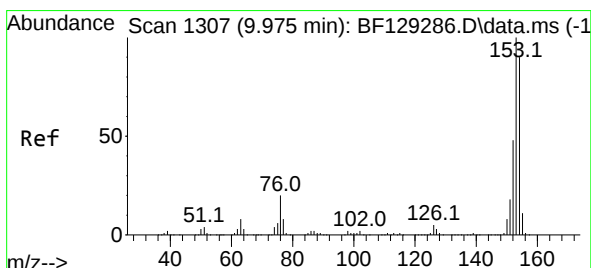
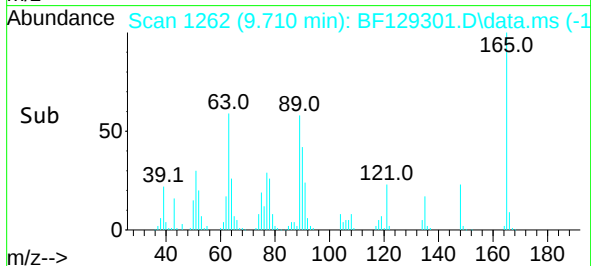
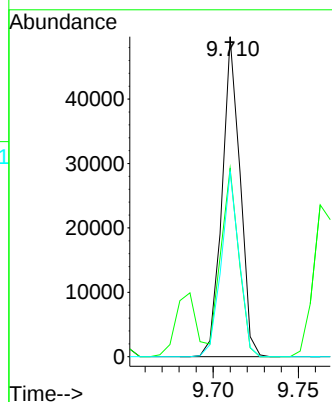
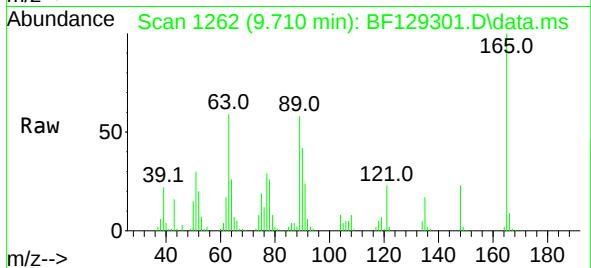
LOD-MDL-WATER-01-QT2-2022

Tgt Ion:165	Resp:	3651
Ion Ratio	Lower	Upper
165	100	
63	58.9	44.9 67.3
89	57.8	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: 8.056 ng

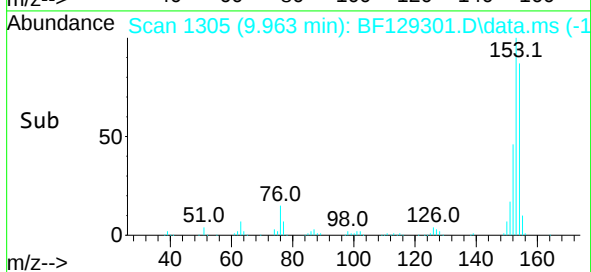
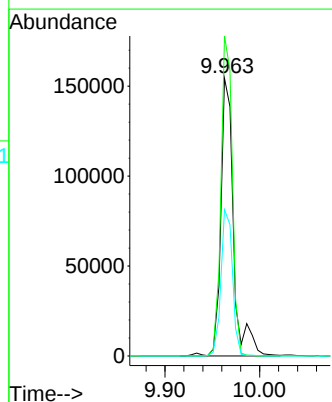
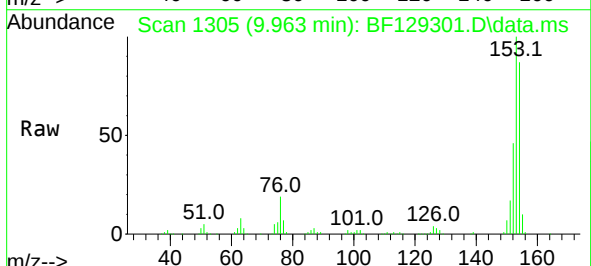
RT: 9.963 min Scan# 1305

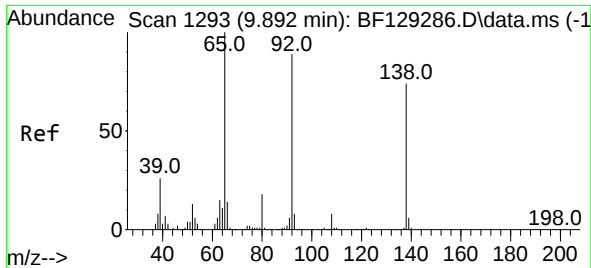
Delta R.T. -0.012 min

Lab File: BF129301.D

Acq: 21 Jul 2022 17:43

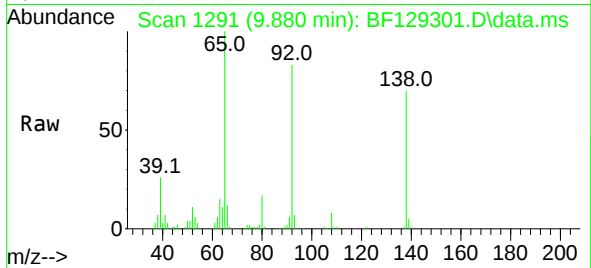
Tgt Ion:154	Resp:	144353
Ion Ratio	Lower	Upper
154	100	
153	115.3	89.6 134.4
152	52.7	42.4 63.6





#53
3-Nitroaniline
Concen: 7.222 ng
RT: 9.880 min Scan# 110
Delta R.T. -0.012 min
Lab File: BF129301.D
Acq: 21 Jul 2022 17:43

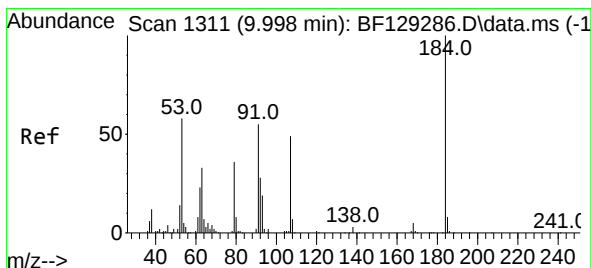
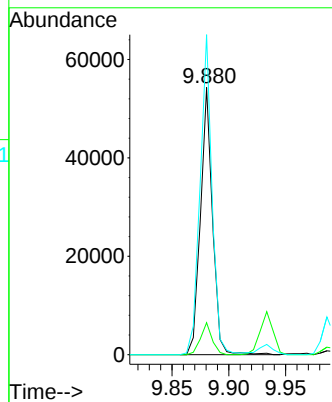
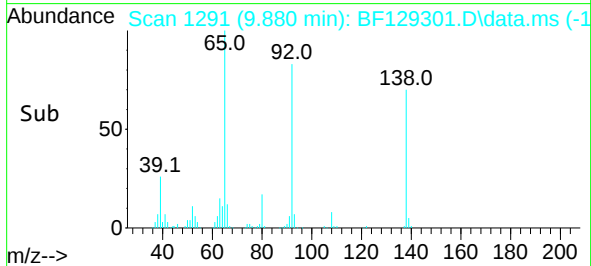
Instrument : BNA_F
ClientSampleId :
LOD-MDL-WATER-01-QT2-2022



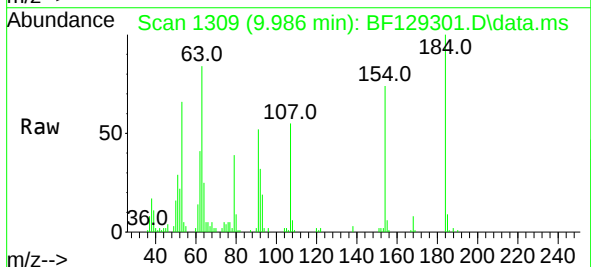
Tgt Ion:138 Resp: 40154
Ion Ratio Lower Upper
138 100
108 12.0 10.9 16.3
92 119.8 98.2 147.2

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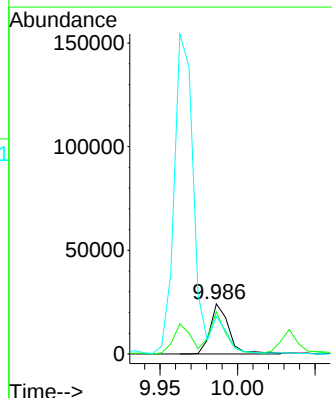
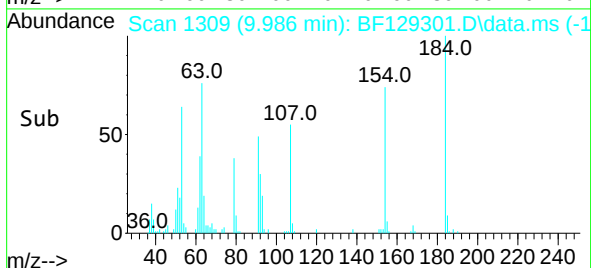
Reviewed By :Christian Giraldo 07/22/2022
Supervised By :Jagrut Upadhyay 07/22/2022

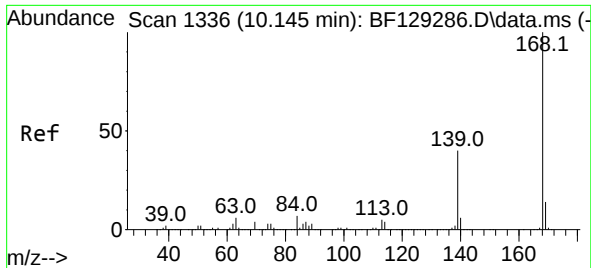


#54
2,4-Dinitrophenol
Concen: 8.460 ng
RT: 9.986 min Scan# 1309
Delta R.T. -0.012 min
Lab File: BF129301.D
Acq: 21 Jul 2022 17:43



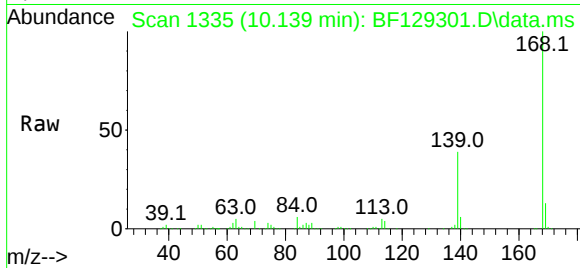
Tgt Ion:184 Resp: 20004
Ion Ratio Lower Upper
184 100
63 84.0 64.5 96.7
154 74.4 50.6 75.8





#55
Dibenzofuran
Concen: 8.262 ng
RT: 10.139 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF129301.D
Acq: 21 Jul 2022 17:43

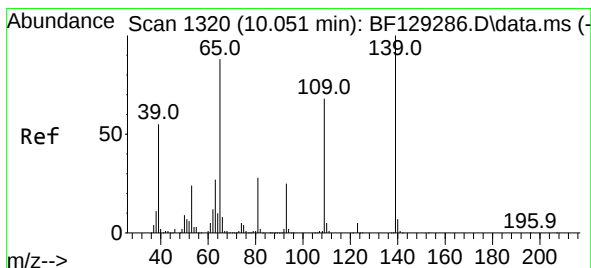
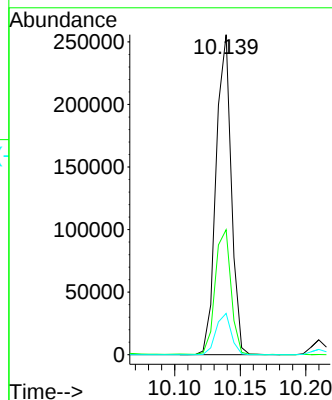
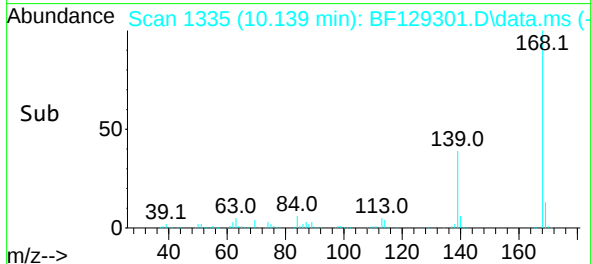
Instrument :
BNA_F
ClientSampleId :
LOD-MDL-WATER-01-QT2-2022



Tgt Ion:168 Resp: 20572
Ion Ratio Lower Upper
168 100
139 39.0 30.6 46.0
169 12.9 11.0 16.6

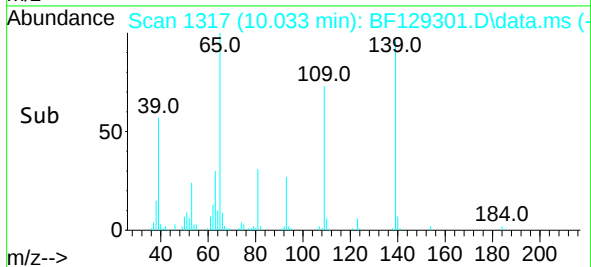
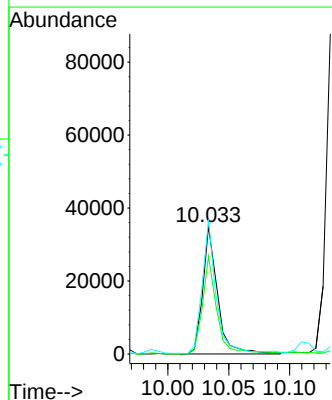
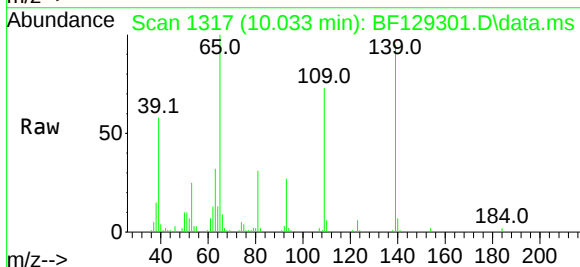
Manual Integrations
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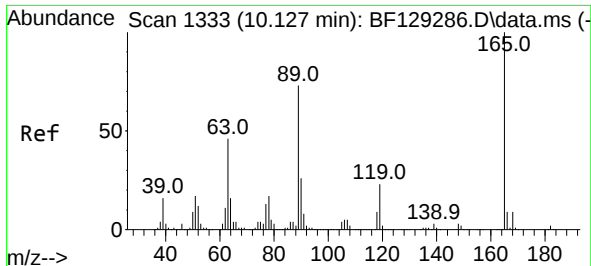
Reviewed By :Christian Giraldo 07/22/2022
Supervised By :Jagrut Upadhyay 07/22/2022



#56
4-Nitrophenol
Concen: 7.292 ng
RT: 10.033 min Scan# 1317
Delta R.T. -0.018 min
Lab File: BF129301.D
Acq: 21 Jul 2022 17:43

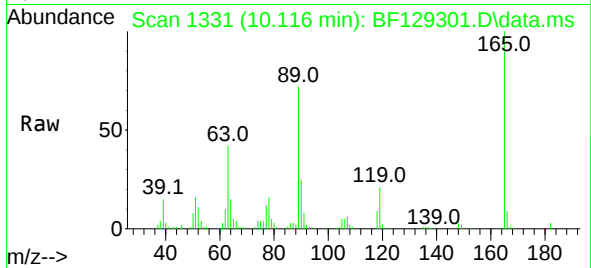
Tgt Ion:139 Resp: 29609
Ion Ratio Lower Upper
139 100
109 76.7 50.7 90.7
65 105.3 74.5 114.5





#57
2,4-Dinitrotoluene
Concen: 7.980 ng
RT: 10.116 min Scan# 11
Delta R.T. -0.012 min
Lab File: BF129301.D
Acq: 21 Jul 2022 17:43

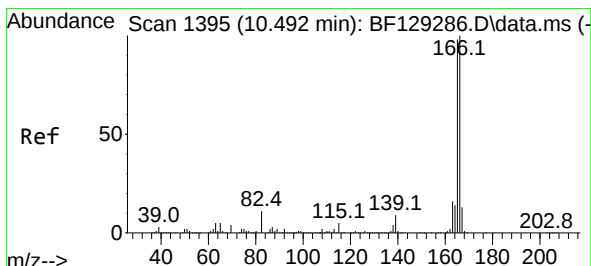
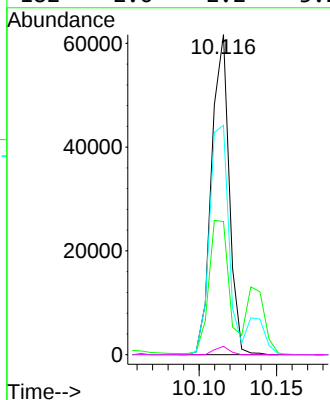
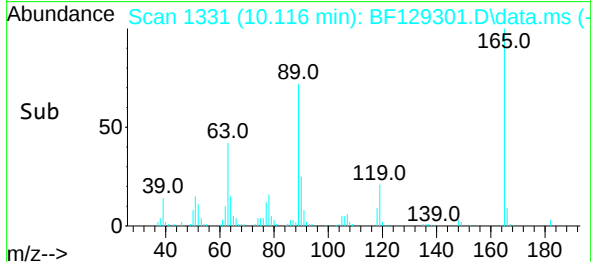
Instrument :
BNA_F
ClientSampleId :
LOD-MDL-WATER-01-QT2-2022



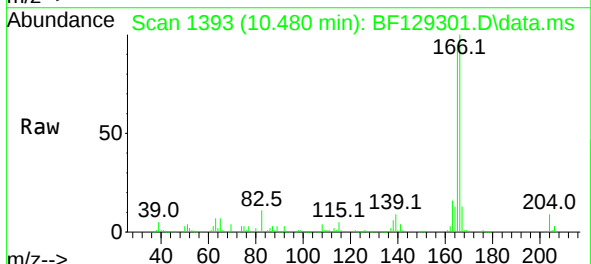
Tgt Ion:165 Resp: 48884
Ion Ratio Lower Upper
165 100
63 41.6 39.8 59.6
89 71.7 60.2 90.2
182 2.6 2.2 3.2

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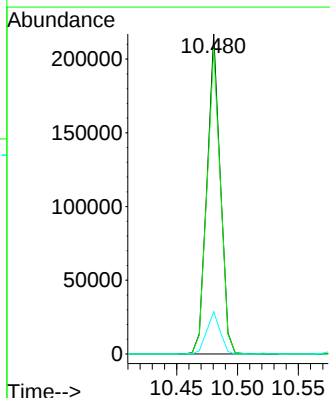
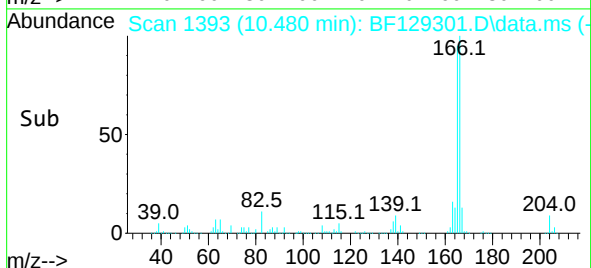
Reviewed By :Christian Giraldo 07/22/2022
Supervised By :Jagrut Upadhyay 07/22/2022

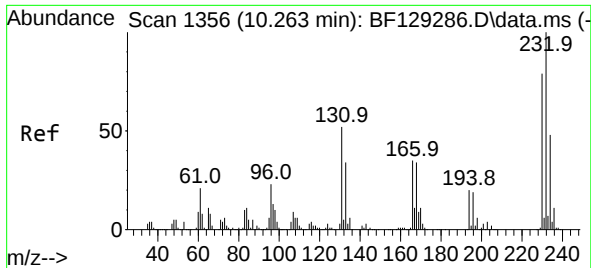


#58
Fluorene
Concen: 8.295 ng
RT: 10.480 min Scan# 1393
Delta R.T. -0.012 min
Lab File: BF129301.D
Acq: 21 Jul 2022 17:43



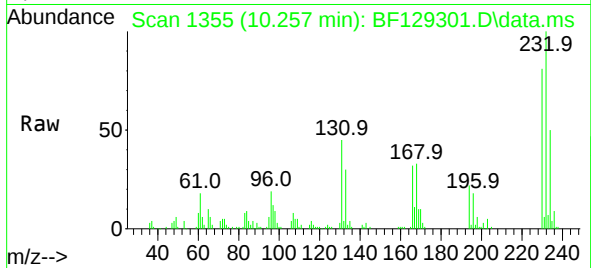
Tgt Ion:166 Resp: 164848
Ion Ratio Lower Upper
166 100
165 95.4 78.1 117.1
167 13.2 10.5 15.7





#59
2,3,4,6-Tetrachlorophenol
Concen: 7.112 ng
RT: 10.257 min Scan# 1355
Delta R.T. -0.006 min
Lab File: BF129301.D
Acq: 21 Jul 2022 17:43

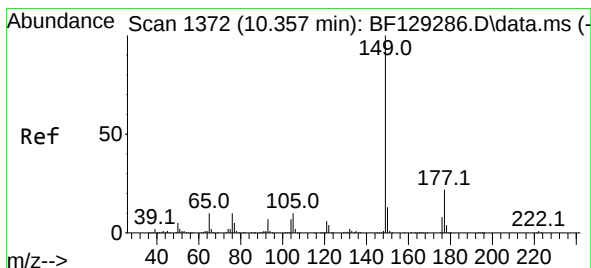
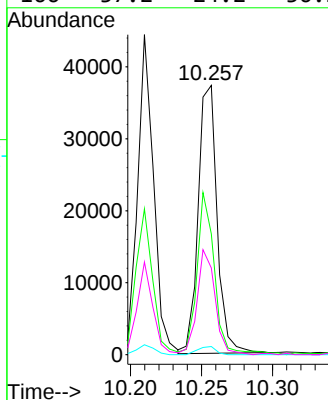
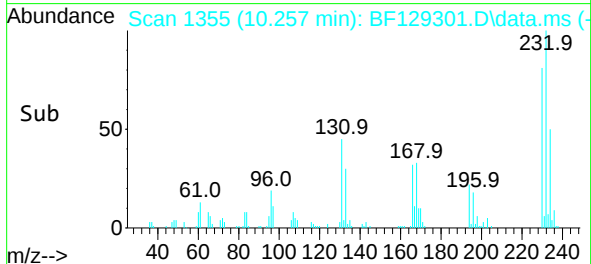
Instrument :
BNA_F
ClientSampleId :
LOD-MDL-WATER-01-QT2-2022



Tgt Ion:232 Resp: 3466
Ion Ratio Lower Upper
232 100
131 55.9 36.1 54.1
130 2.9 1.8 2.8
166 37.2 24.2 36.2

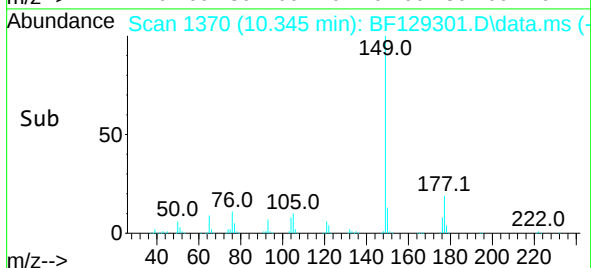
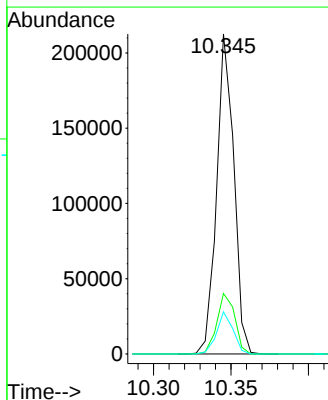
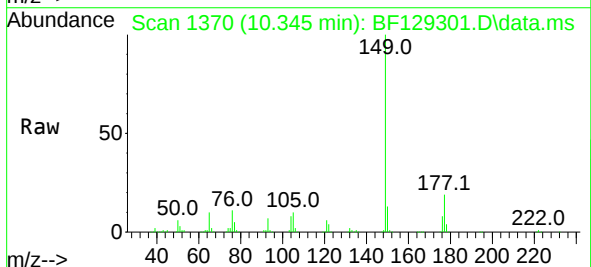
Manual Integrations
APPROVED

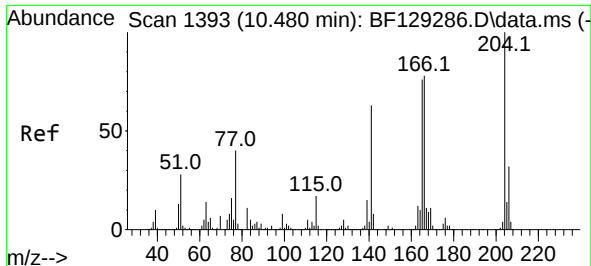
Reviewed By :Christian Giraldo 07/22/2022
Supervised By :Jagrut Upadhyay 07/22/2022



#60
Diethylphthalate
Concen: 8.159 ng
RT: 10.345 min Scan# 1370
Delta R.T. -0.012 min
Lab File: BF129301.D
Acq: 21 Jul 2022 17:43

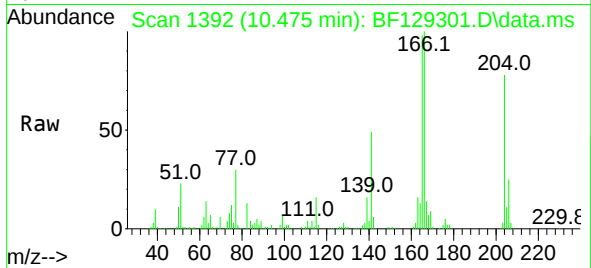
Tgt Ion:149 Resp: 163834
Ion Ratio Lower Upper
149 100
177 18.9 17.3 25.9
150 13.2 10.2 15.2





#61
4-Chlorophenyl-phenylether
Concen: 8.524 ng
RT: 10.475 min Scan# 1392
Delta R.T. -0.006 min
Lab File: BF129301.D
Acq: 21 Jul 2022 17:43

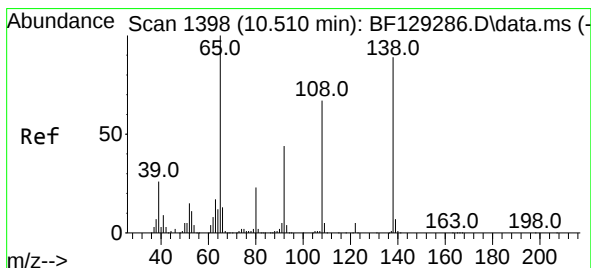
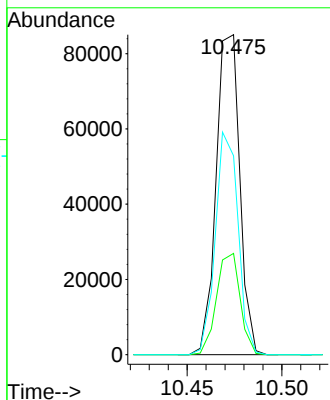
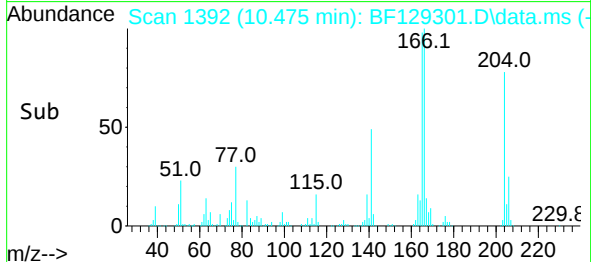
Instrument :
BNA_F
ClientSampleId :
LOD-MDL-WATER-01-QT2-2022



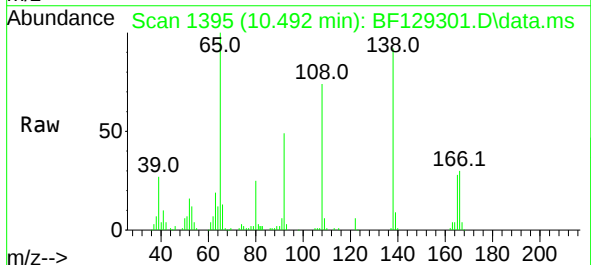
Tgt Ion:204 Resp: 7411
Ion Ratio Lower Upper
204 100
206 31.6 25.8 38.6
141 62.1 47.0 70.4

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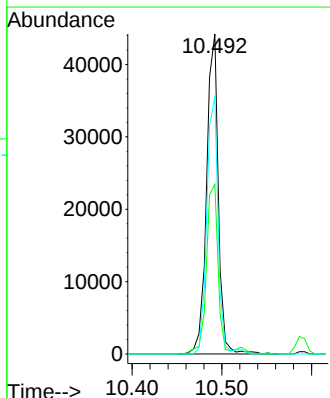
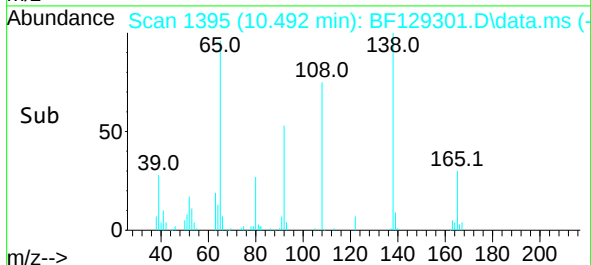
Reviewed By :Christian Giraldo 07/22/2022
Supervised By :Jagrut Upadhyay 07/22/2022

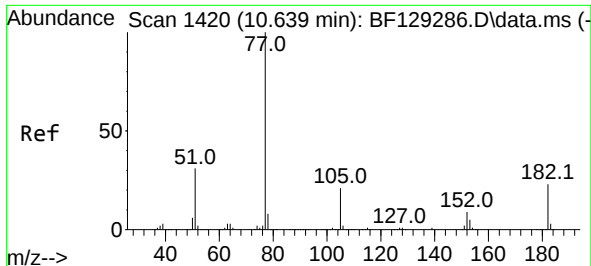


#62
4-Nitroaniline
Concen: 7.309 ng
RT: 10.492 min Scan# 1395
Delta R.T. -0.018 min
Lab File: BF129301.D
Acq: 21 Jul 2022 17:43



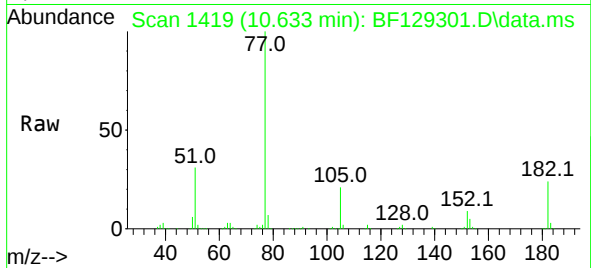
Tgt Ion:138 Resp: 40140
Ion Ratio Lower Upper
138 100
92 53.0 33.5 73.5
108 80.2 61.0 101.0





#63
Azobenzene
Concen: 8.023 ng
RT: 10.633 min Scan# 1419
Delta R.T. -0.006 min
Lab File: BF129301.D
Acq: 21 Jul 2022 17:43

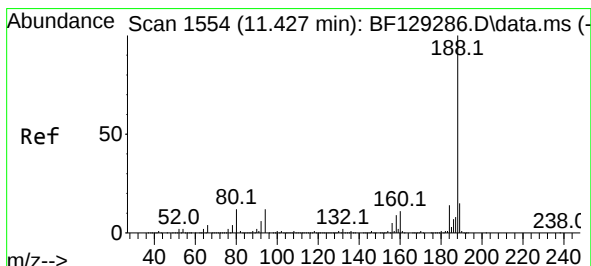
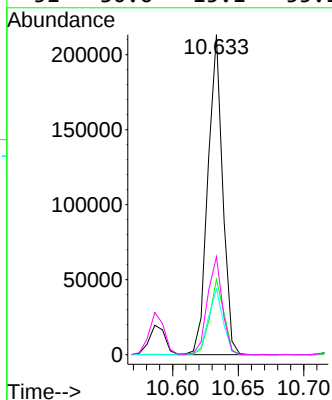
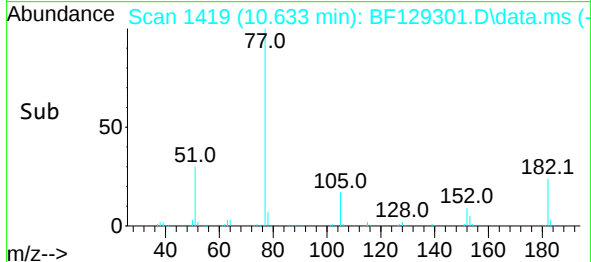
Instrument : BNA_F
ClientSampleId : LOD-MDL-WATER-01-QT2-2022



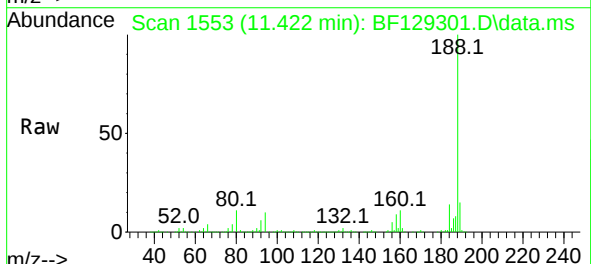
Tgt Ion: 77 Resp: 166658
Ion Ratio Lower Upper
77 100
182 23.6 5.6 45.6
105 20.5 1.6 41.6
51 30.6 15.1 55.1

Manual Integrations
APPROVED

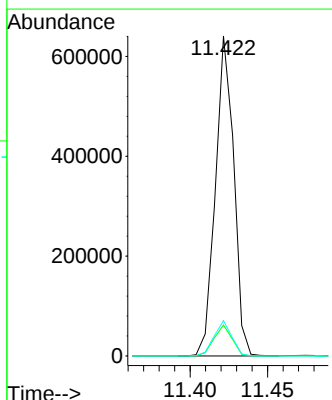
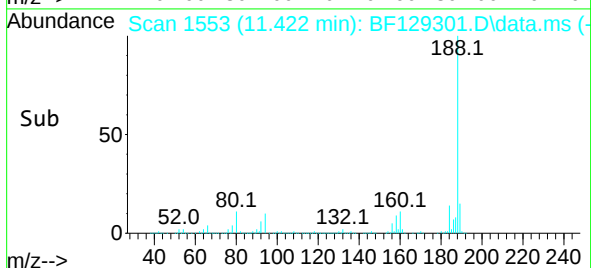
Reviewed By :Christian Giraldo 07/22/2022
Supervised By :Jagrut Upadhyay 07/22/2022

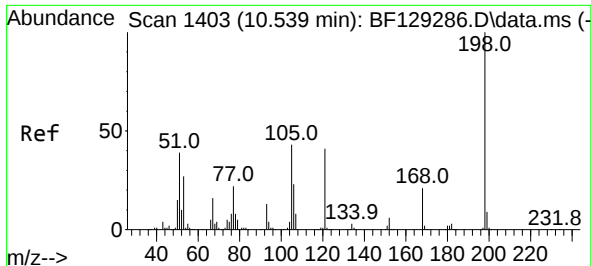


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.422 min Scan# 1553
Delta R.T. -0.006 min
Lab File: BF129301.D
Acq: 21 Jul 2022 17:43



Tgt Ion:188 Resp: 527798
Ion Ratio Lower Upper
188 100
94 9.7 7.0 10.6
80 11.0 7.6 11.4





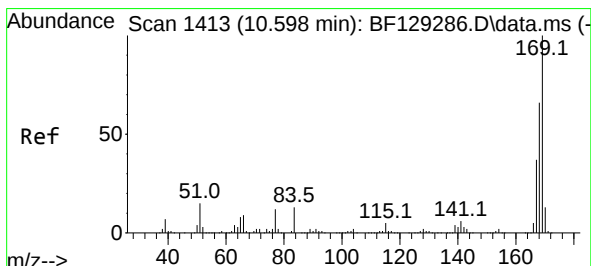
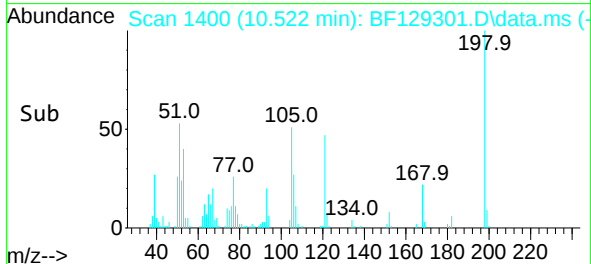
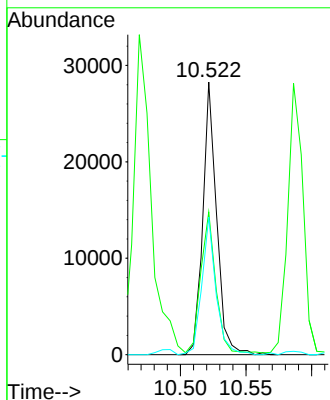
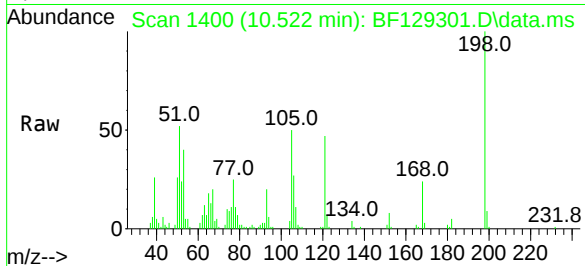
#65
4,6-Dinitro-2-methylphenol
Concen: 6.409 ng
RT: 10.522 min Scan# 1403
Delta R.T. -0.018 min
Lab File: BF129301.D
Acq: 21 Jul 2022 17:43

Instrument : BNA_F
ClientSampleId :
LOD-MDL-WATER-01-QT2-2022

Tgt Ion:198 Resp: 2080
Ion Ratio Lower Upper
198 100
51 52.3 37.6 77.6
105 50.5 27.0 67.0

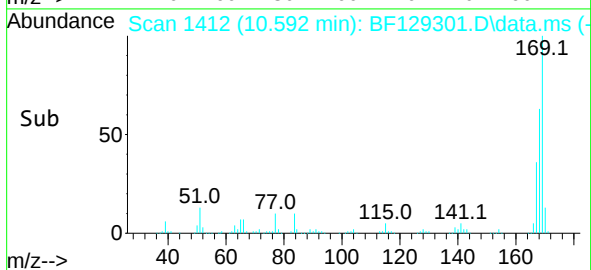
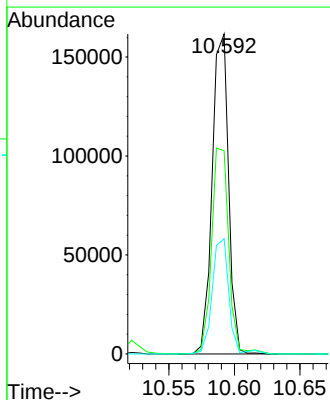
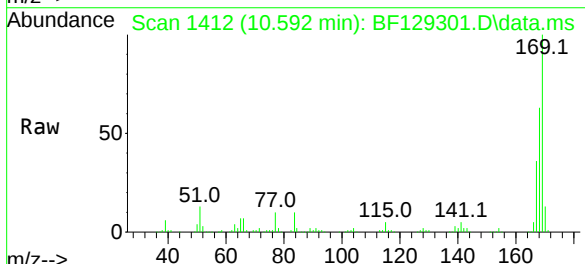
Manual Integrations
APPROVED

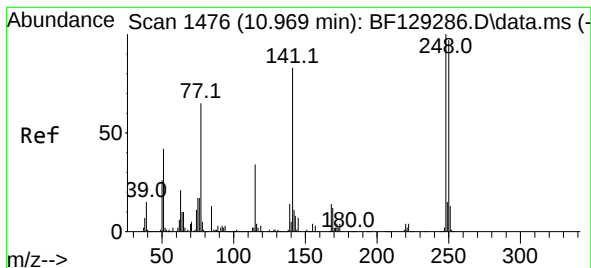
Reviewed By :Christian Giraldo 07/22/2022
Supervised By :Jagrut Upadhyay 07/22/2022



#66
n-Nitrosodiphenylamine
Concen: 8.044 ng
RT: 10.592 min Scan# 1412
Delta R.T. -0.006 min
Lab File: BF129301.D
Acq: 21 Jul 2022 17:43

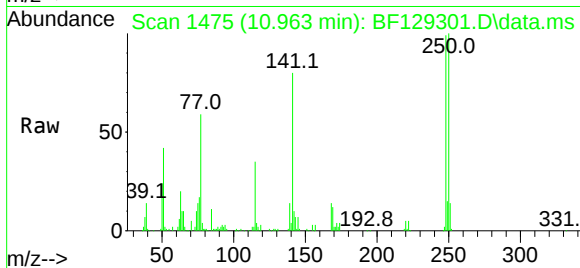
Tgt Ion:169 Resp: 140361
Ion Ratio Lower Upper
169 100
168 63.5 50.1 75.1
167 36.0 27.9 41.9





#67
4-Bromophenyl-phenylether
Concen: 7.914 ng
RT: 10.963 min Scan# 1475
Delta R.T. -0.006 min
Lab File: BF129301.D
Acq: 21 Jul 2022 17:43

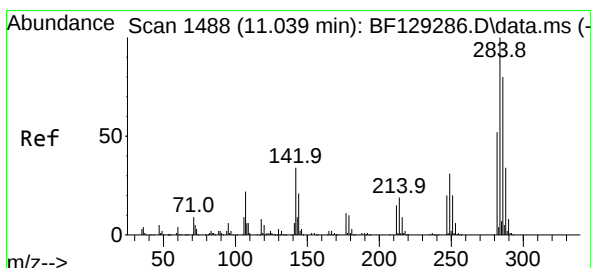
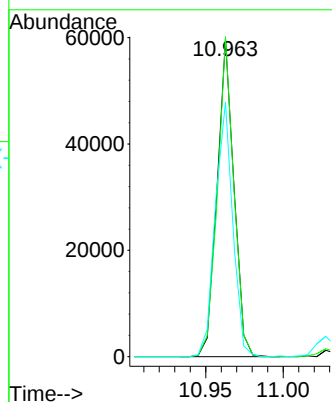
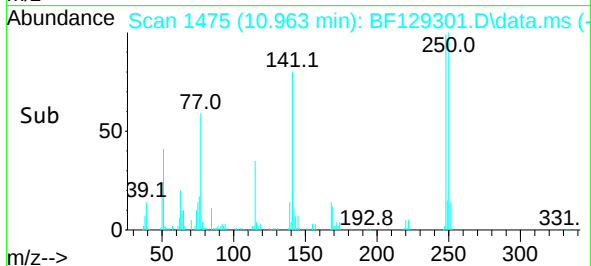
Instrument :
BNA_F
ClientSampleId :
LOD-MDL-WATER-01-QT2-2022



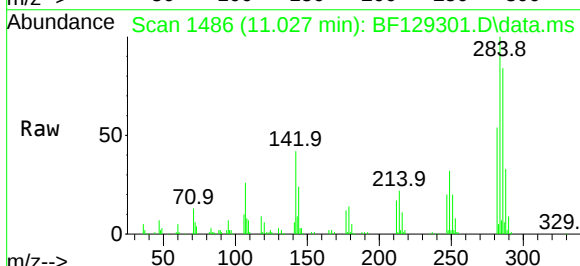
Tgt Ion:248 Resp: 45070
Ion Ratio Lower Upper
248 100
250 100.6 80.6 120.8
141 80.0 58.9 88.3

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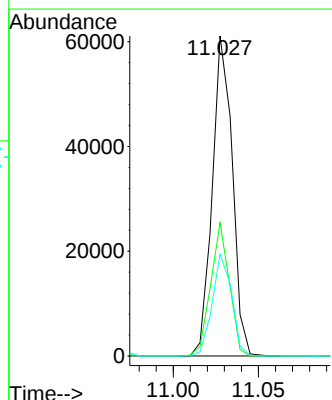
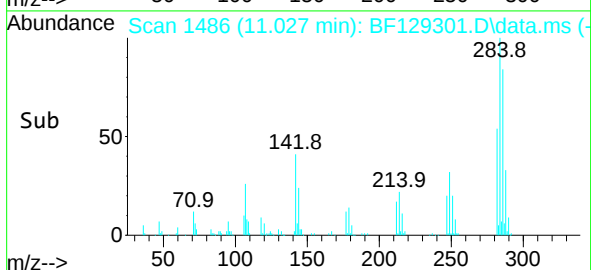
Reviewed By :Christian Giraldo 07/22/2022
Supervised By :Jagrut Upadhyay 07/22/2022

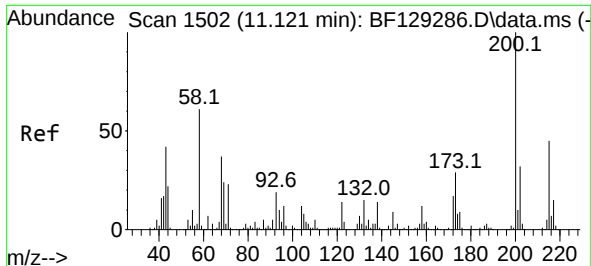


#68
Hexachlorobenzene
Concen: 7.984 ng
RT: 11.027 min Scan# 1486
Delta R.T. -0.012 min
Lab File: BF129301.D
Acq: 21 Jul 2022 17:43



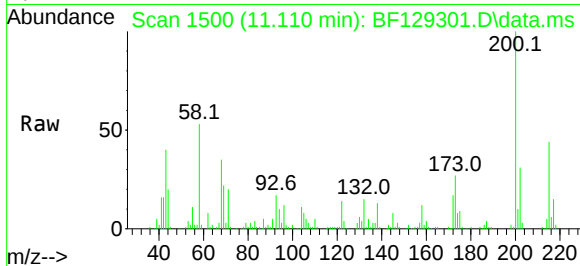
Tgt Ion:284 Resp: 49796
Ion Ratio Lower Upper
284 100
142 41.7 29.0 43.4
249 31.9 25.0 37.6





#69
Atrazine
Concen: 8.363 ng
RT: 11.110 min Scan# 1519
Delta R.T. -0.012 min
Lab File: BF129301.D
Acq: 21 Jul 2022 17:43

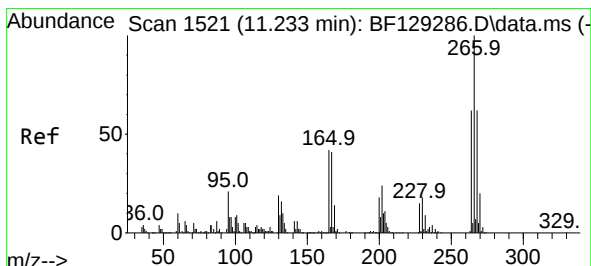
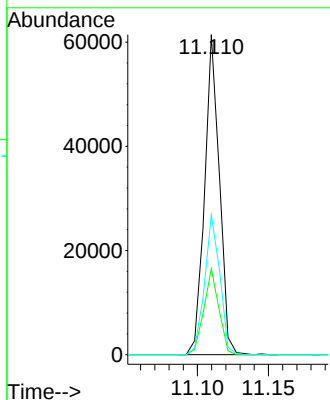
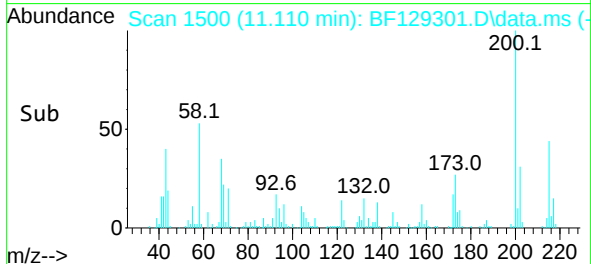
Instrument :
BNA_F
ClientSampleId :
LOD-MDL-WATER-01-QT2-2022



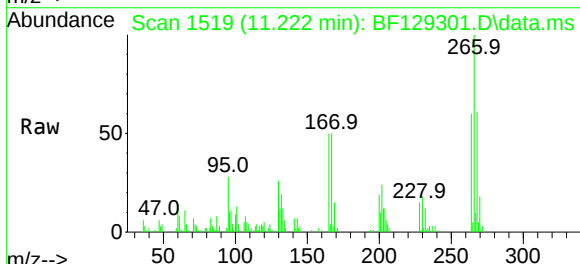
Tgt Ion:200 Resp: 44598
Ion Ratio Lower Upper
200 100
173 26.8 6.3 46.3
215 43.6 28.3 68.3

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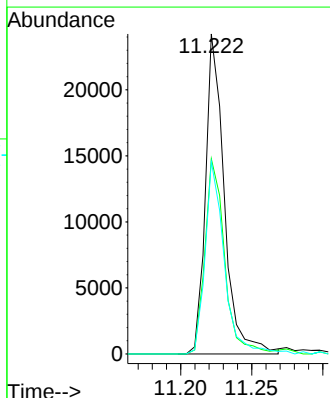
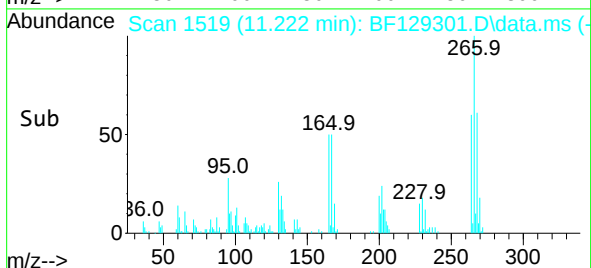
Reviewed By :Christian Giraldo 07/22/2022
Supervised By :Jagrut Upadhyay 07/22/2022

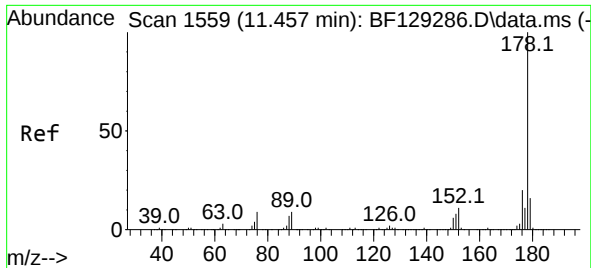


#70
Pentachlorophenol
Concen: 6.511 ng
RT: 11.222 min Scan# 1519
Delta R.T. -0.012 min
Lab File: BF129301.D
Acq: 21 Jul 2022 17:43



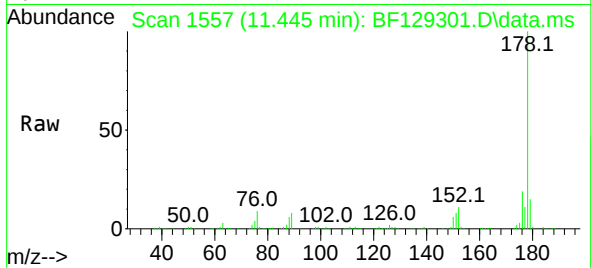
Tgt Ion:266 Resp: 22327
Ion Ratio Lower Upper
266 100
268 61.0 51.0 76.4
264 60.1 49.4 74.2





#71
Phenanthrene
Concen: 8.188 ng
RT: 11.445 min Scan# 1559
Delta R.T. -0.012 min
Lab File: BF129301.D
Acq: 21 Jul 2022 17:43

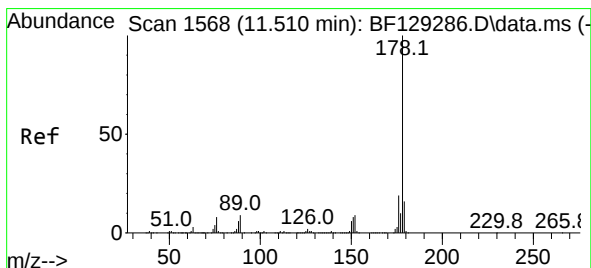
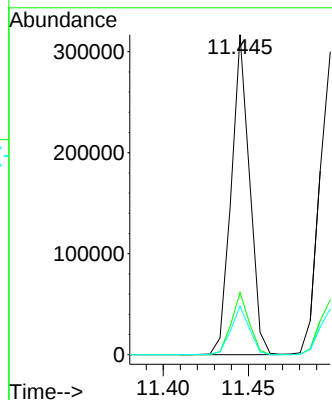
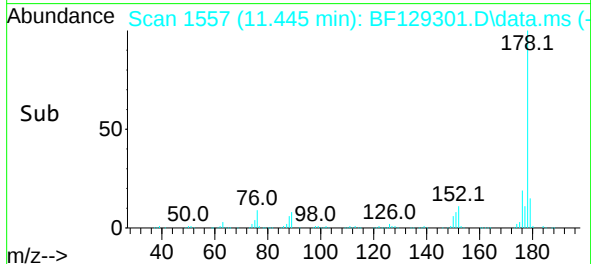
Instrument : BNA_F
ClientSampleId :
LOD-MDL-WATER-01-QT2-2022



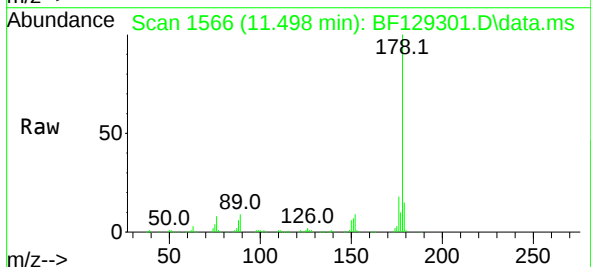
Tgt Ion:178 Resp: 237190
Ion Ratio Lower Upper
178 100
176 19.4 16.0 24.0
179 15.2 12.6 19.0

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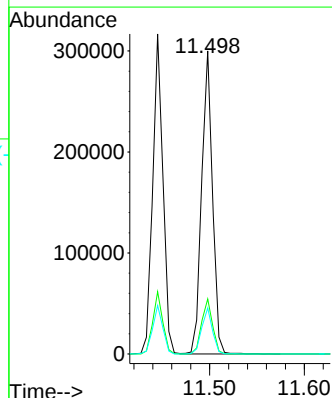
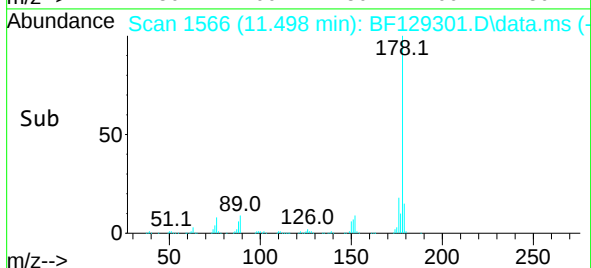
Reviewed By :Christian Giraldo 07/22/2022
Supervised By :Jagrut Upadhyay 07/22/2022

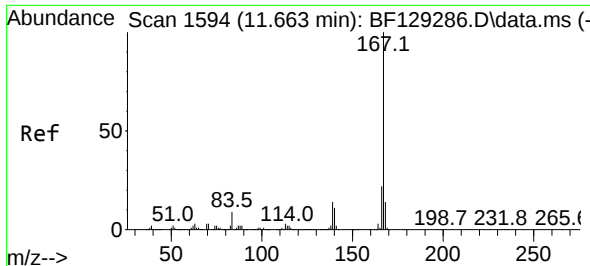


#72
Anthracene
Concen: 8.309 ng
RT: 11.498 min Scan# 1566
Delta R.T. -0.012 min
Lab File: BF129301.D
Acq: 21 Jul 2022 17:43



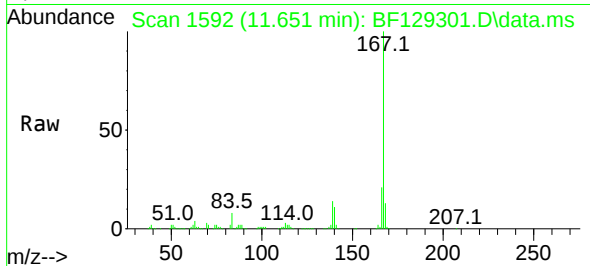
Tgt Ion:178 Resp: 238511
Ion Ratio Lower Upper
178 100
176 18.2 15.4 23.2
179 15.1 12.6 19.0





#73
 Carbazole
 Concen: 8.109 ng
 RT: 11.651 min Scan# 11
 Delta R.T. -0.012 min
 Lab File: BF129301.D
 Acq: 21 Jul 2022 17:43

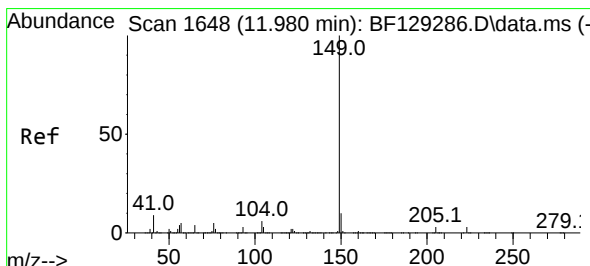
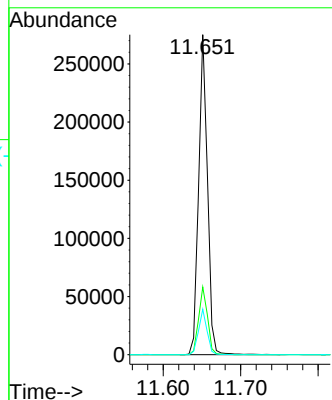
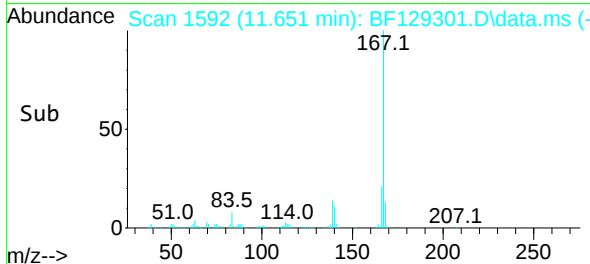
Instrument : BNA_F
 ClientSampleId : LOD-MDL-WATER-01-QT2-2022



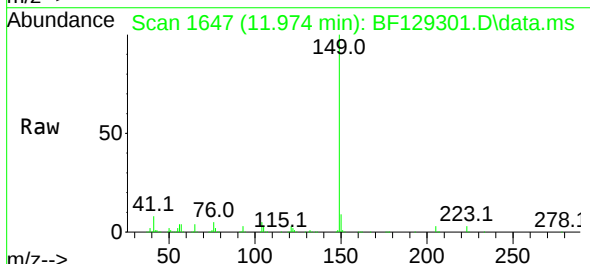
Tgt Ion:167 Resp: 21713
 Ion Ratio Lower Upper
 167 100
 166 21.1 17.7 26.5
 139 14.2 11.2 16.8

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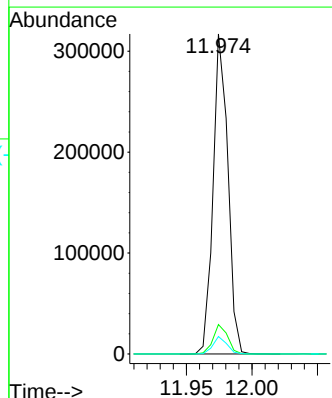
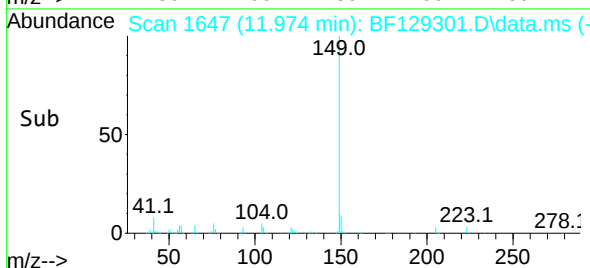
Reviewed By :Christian Giraldo 07/22/2022
 Supervised By :Jagrut Upadhyay 07/22/2022

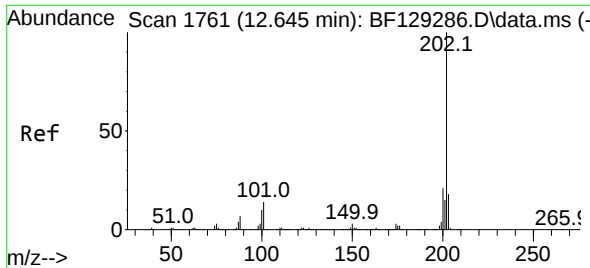


#74
 Di-n-butylphthalate
 Concen: 8.028 ng
 RT: 11.974 min Scan# 1647
 Delta R.T. -0.006 min
 Lab File: BF129301.D
 Acq: 21 Jul 2022 17:43



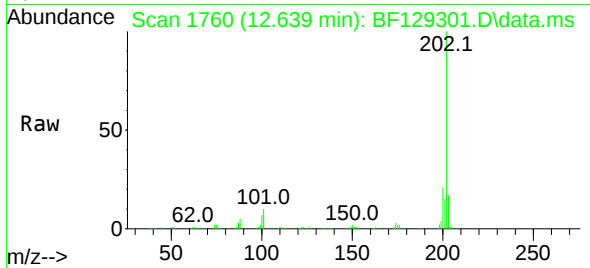
Tgt Ion:149 Resp: 248362
 Ion Ratio Lower Upper
 149 100
 150 9.2 7.5 11.3
 104 5.4 4.4 6.6





#75
Fluoranthene
Concen: 8.074 ng
RT: 12.639 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF129301.D
Acq: 21 Jul 2022 17:43

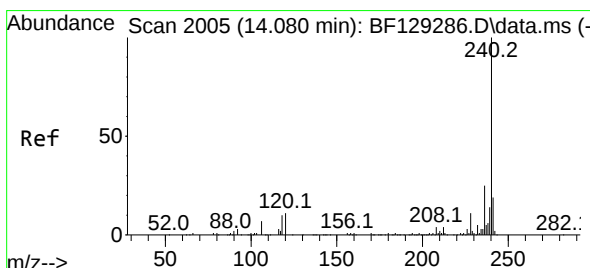
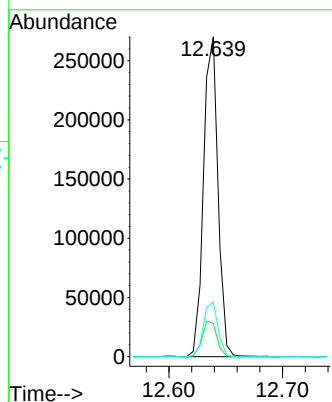
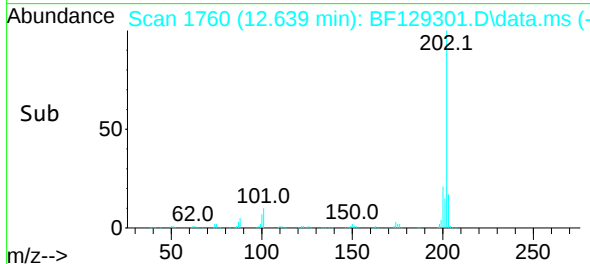
Instrument :
BNA_F
ClientSampleId :
LOD-MDL-WATER-01-QT2-2022



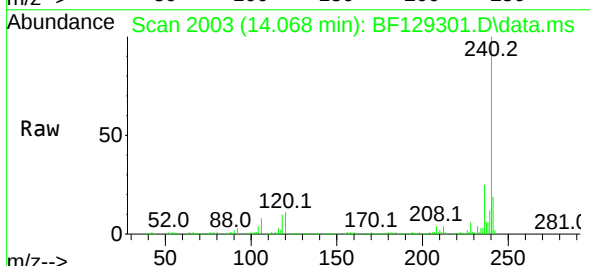
Tgt Ion:202 Resp: 238374
Ion Ratio Lower Upper
202 100
101 10.4 0.0 31.4
203 17.1 0.0 38.0

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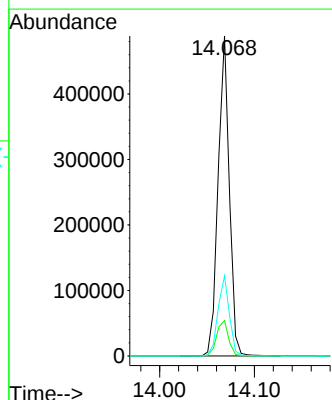
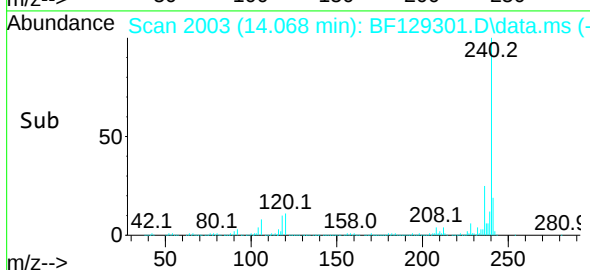
Reviewed By :Christian Giraldo 07/22/2022
Supervised By :Jagrut Upadhyay 07/22/2022

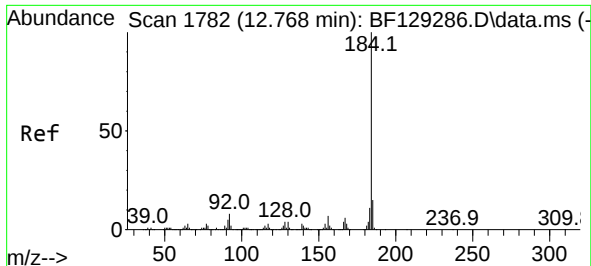


#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.068 min Scan# 2003
Delta R.T. -0.012 min
Lab File: BF129301.D
Acq: 21 Jul 2022 17:43



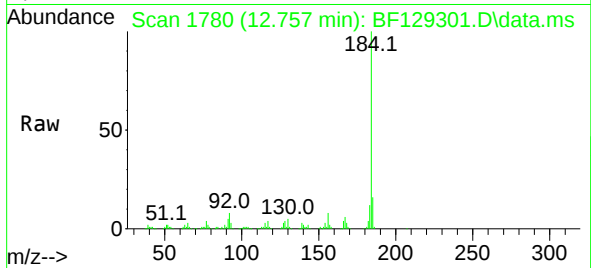
Tgt Ion:240 Resp: 402601
Ion Ratio Lower Upper
240 100
120 11.1 8.9 13.3
236 25.1 20.8 31.2





#77
Benzidine
Concen: 7.894 ng
RT: 12.757 min Scan# 1798
Delta R.T. -0.012 min
Lab File: BF129301.D
Acq: 21 Jul 2022 17:43

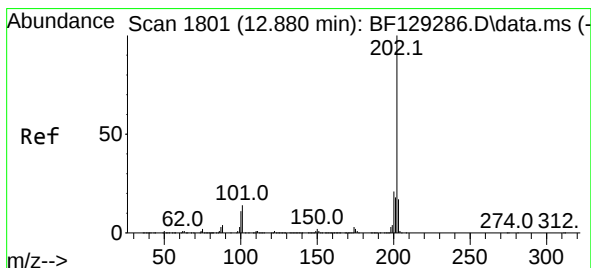
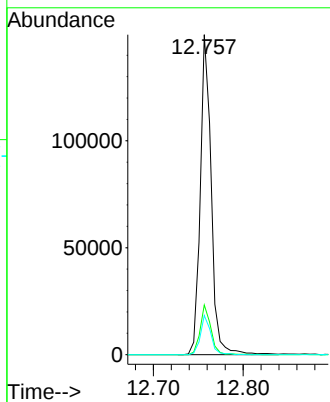
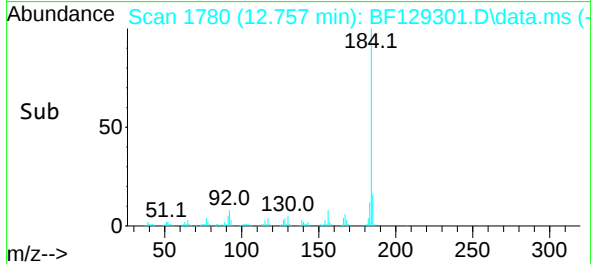
Instrument : BNA_F
ClientSampleId : LOD-MDL-WATER-01-QT2-2022



Tgt Ion:184 Resp: 126660
Ion Ratio Lower Upper
184 100
185 15.6 11.9 17.9
183 12.3 9.3 13.9

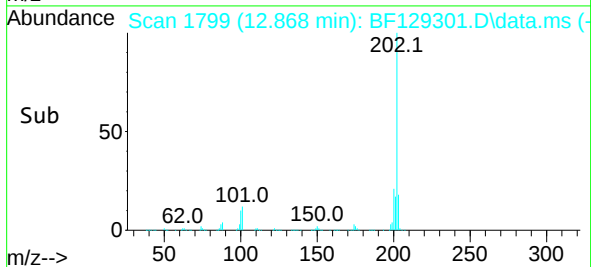
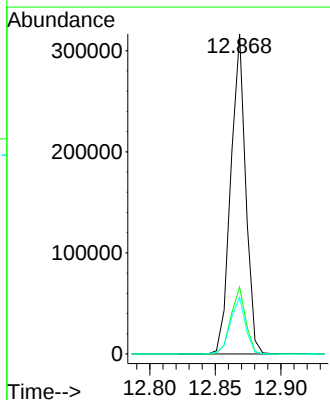
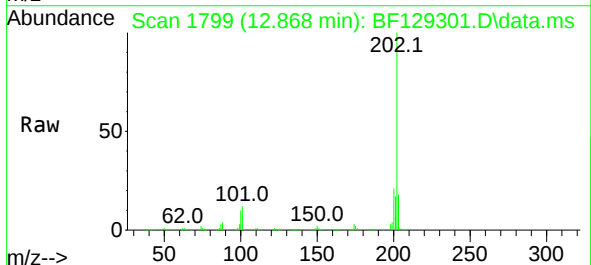
Manual Integrations
APPROVED

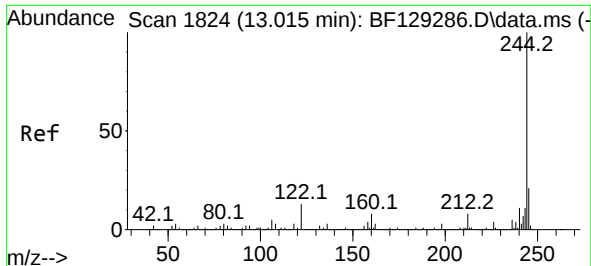
Reviewed By :Christian Giraldo 07/22/2022
Supervised By :Jagrut Upadhyay 07/22/2022



#78
Pyrene
Concen: 7.259 ng
RT: 12.868 min Scan# 1799
Delta R.T. -0.012 min
Lab File: BF129301.D
Acq: 21 Jul 2022 17:43

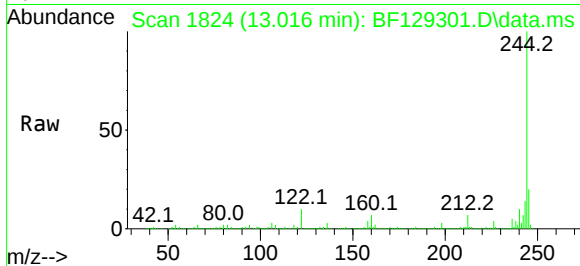
Tgt Ion:202 Resp: 249945
Ion Ratio Lower Upper
202 100
200 20.9 17.7 26.5
203 17.8 14.6 21.8





#79
 Terphenyl-d14
 Concen: 78.726 ng
 RT: 13.016 min Scan# 11
 Delta R.T. 0.000 min
 Lab File: BF129301.D
 Acq: 21 Jul 2022 17:43

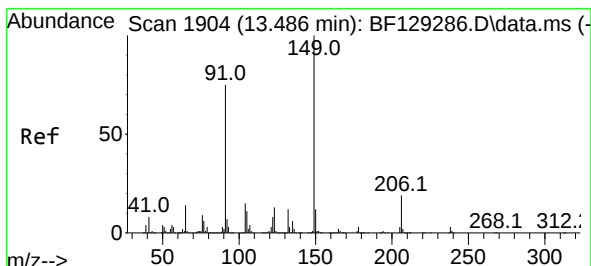
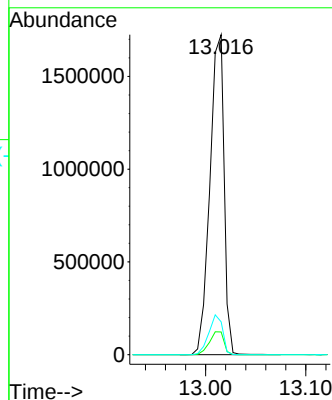
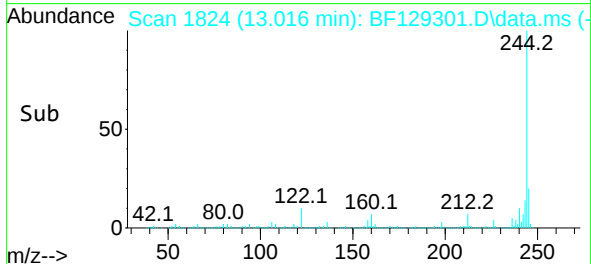
Instrument :
 BNA_F
 ClientSampleId :
 LOD-MDL-WATER-01-QT2-2022



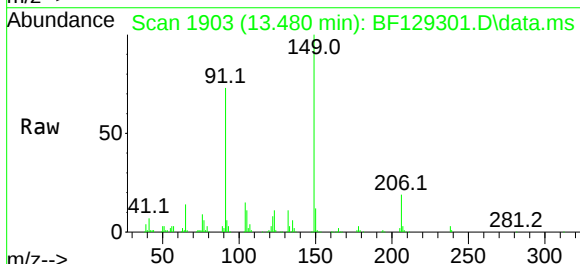
Tgt Ion:244 Resp: 170181
 Ion Ratio Lower Upper
 244 100
 212 7.1 6.1 9.1
 122 10.2 8.8 13.2

Manual Integrations
 APPROVED

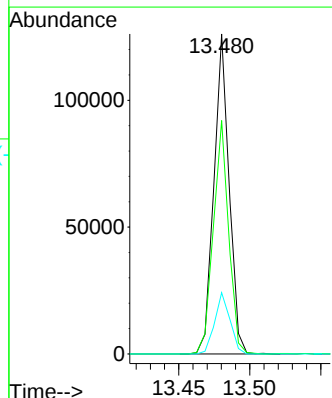
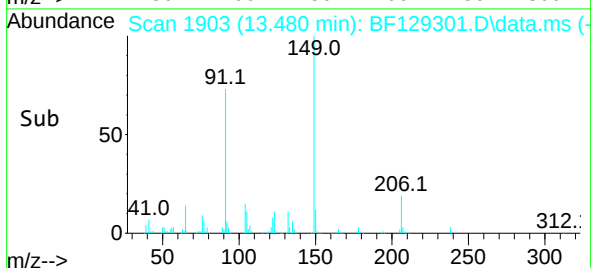
Reviewed By :Christian Giraldo 07/22/2022
 Supervised By :Jagrut Upadhyay 07/22/2022

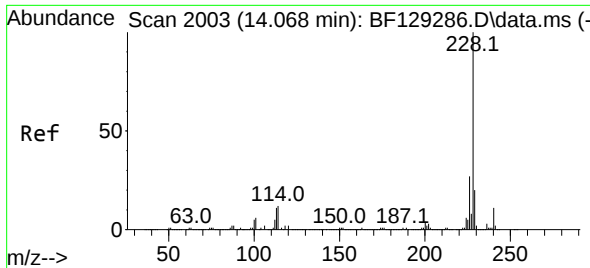


#80
 Butylbenzylphthalate
 Concen: 6.667 ng
 RT: 13.480 min Scan# 1903
 Delta R.T. -0.006 min
 Lab File: BF129301.D
 Acq: 21 Jul 2022 17:43



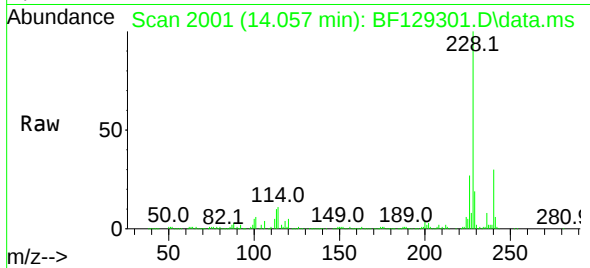
Tgt Ion:149 Resp: 93673
 Ion Ratio Lower Upper
 149 100
 91 73.0 61.2 91.8
 206 19.2 15.7 23.5





#81
Benzo(a)anthracene
Concen: 7.467 ng
RT: 14.057 min Scan# 2003
Delta R.T. -0.012 min
Lab File: BF129301.D
Acq: 21 Jul 2022 17:43

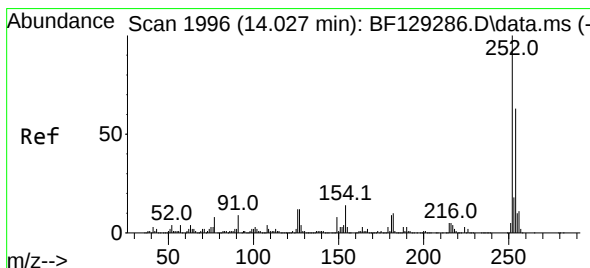
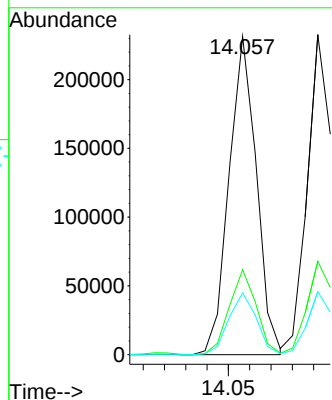
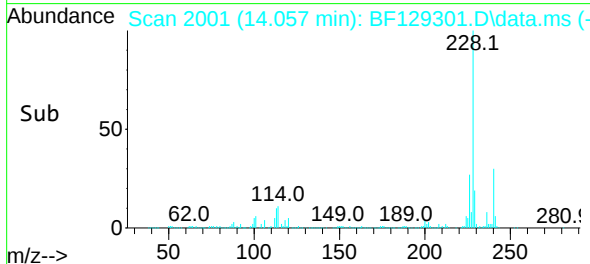
Instrument : BNA_F
ClientSampleId :
LOD-MDL-WATER-01-QT2-2022



Tgt Ion:228 Resp: 207020
Ion Ratio Lower Upper
228 100
226 26.7 22.1 33.1
229 19.4 15.8 23.8

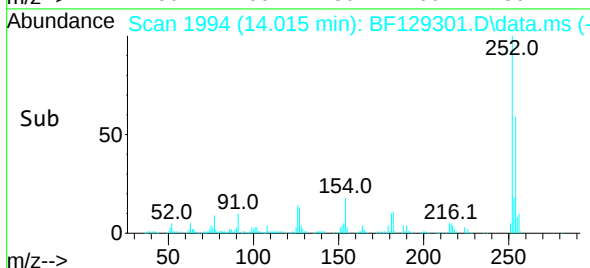
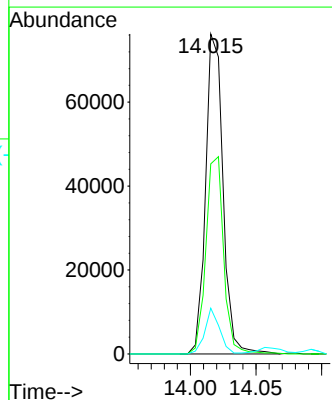
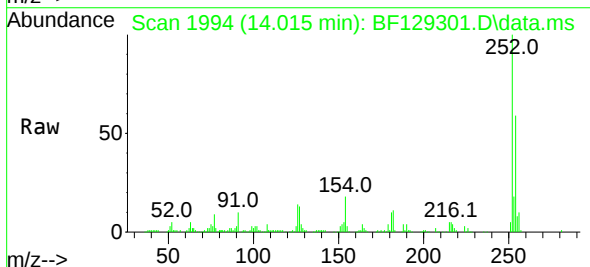
Manual Integrations
APPROVED

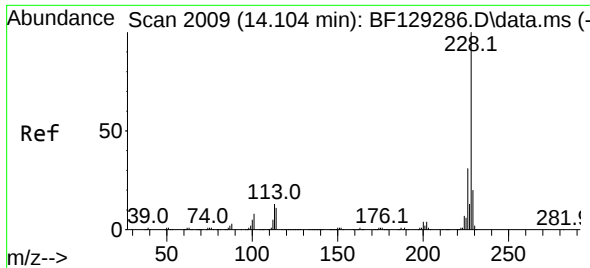
Reviewed By :Christian Giraldo 07/22/2022
Supervised By :Jagrut Upadhyay 07/22/2022



#82
3,3'-Dichlorobenzidine
Concen: 7.757 ng
RT: 14.015 min Scan# 1994
Delta R.T. -0.012 min
Lab File: BF129301.D
Acq: 21 Jul 2022 17:43

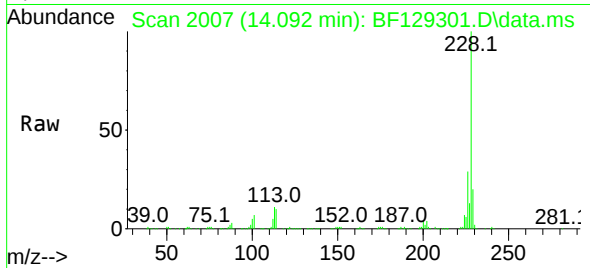
Tgt Ion:252 Resp: 70591
Ion Ratio Lower Upper
252 100
254 59.4 50.2 75.4
126 14.3 8.2 12.4





#83
Chrysene
Concen: 7.398 ng
RT: 14.092 min Scan# 2009
Delta R.T. -0.012 min
Lab File: BF129301.D
Acq: 21 Jul 2022 17:43

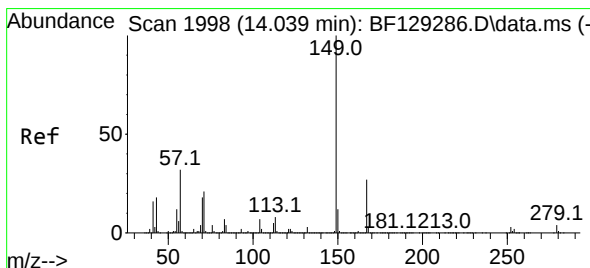
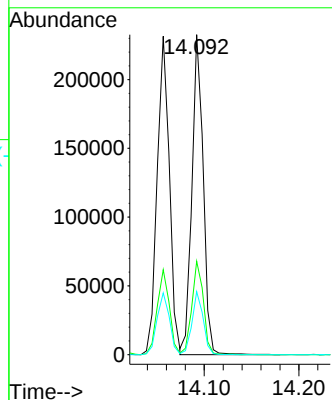
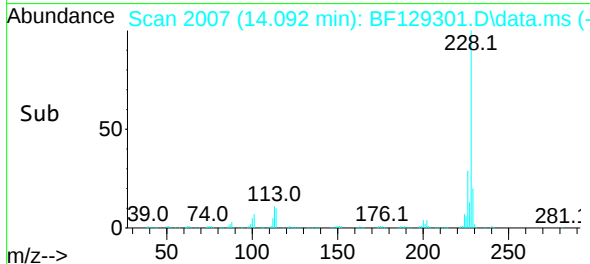
Instrument : BNA_F
ClientSampleId : LOD-MDL-WATER-01-QT2-2022



Tgt Ion:228 Resp: 193590
Ion Ratio Lower Upper
228 100
226 29.2 24.3 36.5
229 19.7 15.9 23.9

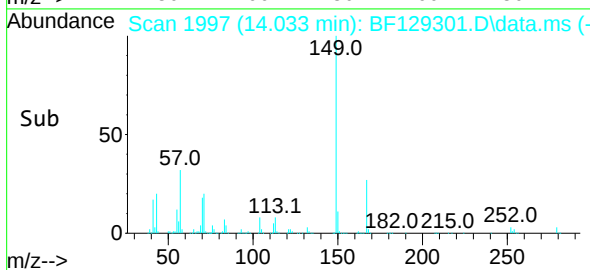
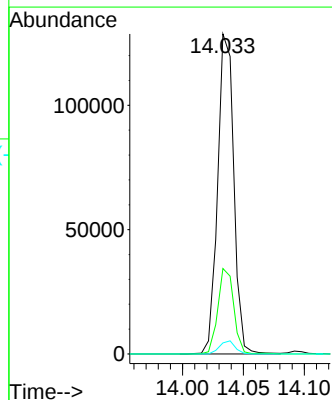
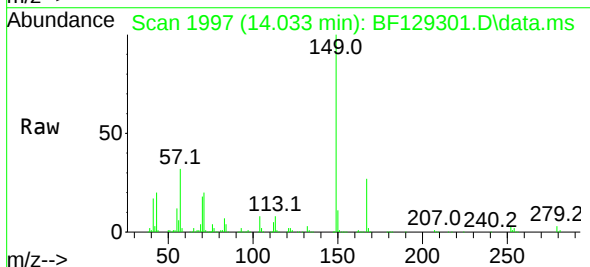
Manual Integrations
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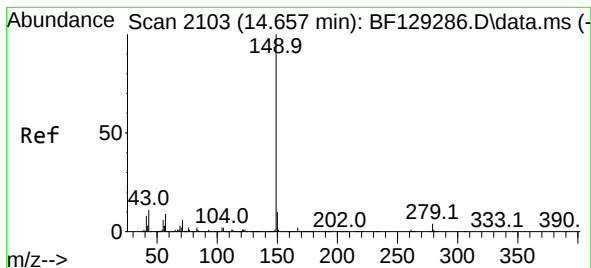
Reviewed By :Christian Giraldo 07/22/2022
Supervised By :Jagrut Upadhyay 07/22/2022



#84
Bis(2-ethylhexyl)phthalate
Concen: 6.896 ng
RT: 14.033 min Scan# 1997
Delta R.T. -0.006 min
Lab File: BF129301.D
Acq: 21 Jul 2022 17:43

Tgt Ion:149 Resp: 118985
Ion Ratio Lower Upper
149 100
167 26.7 21.0 31.4
279 3.4 3.1 4.7





#85

Di-n-octyl phthalate

Concen: 6.477 ng

RT: 14.651 min Scan# 2103

Delta R.T. -0.006 min

Lab File: BF129301.D

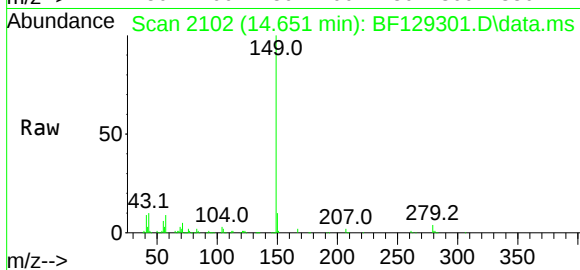
Acq: 21 Jul 2022 17:43

Instrument :

BNA_F

ClientSampleId :

LOD-MDL-WATER-01-QT2-2022



Tgt Ion:149 Resp: 159930

Ion Ratio Lower Upper

149 100

167 1.6 1.3 1.9

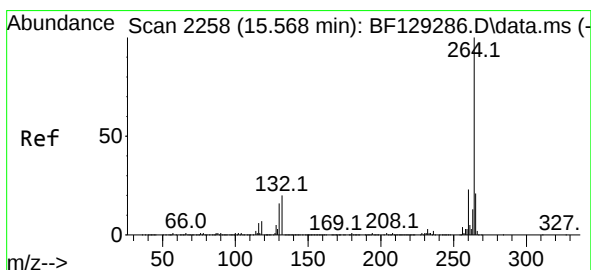
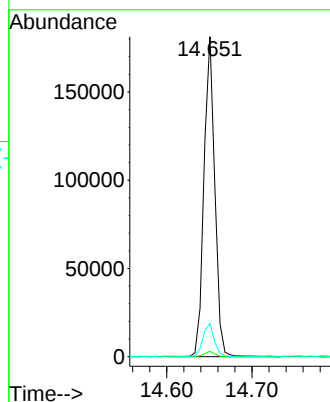
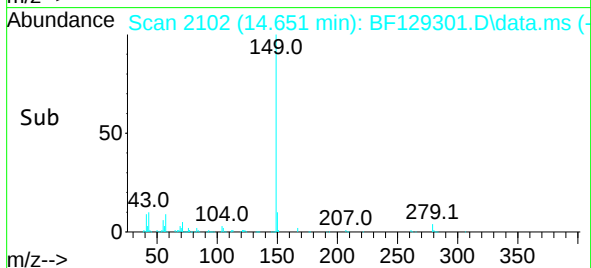
43 10.4 9.2 13.8

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 07/22/2022

Supervised By :Jagrut Upadhyay 07/22/2022



#86

Perylene-d12

Concen: 20.000 ng

RT: 15.557 min Scan# 2256

Delta R.T. -0.012 min

Lab File: BF129301.D

Acq: 21 Jul 2022 17:43

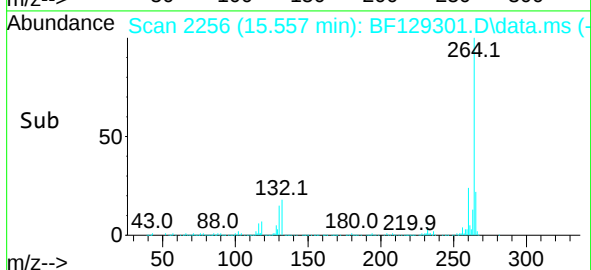
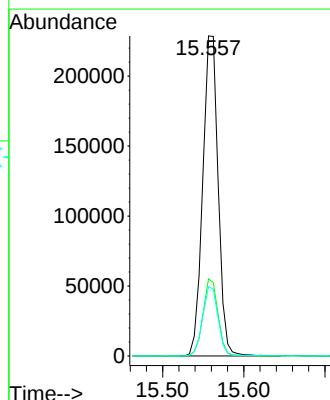
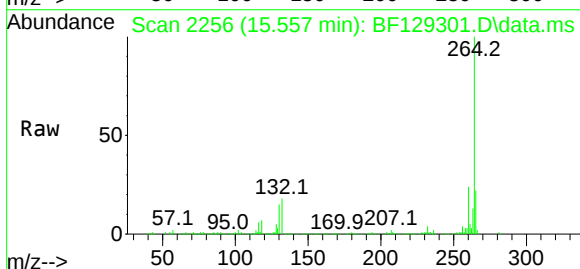
Tgt Ion:264 Resp: 301651

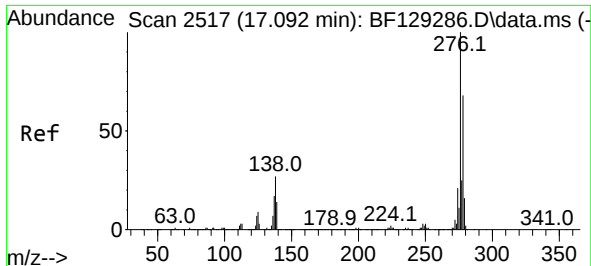
Ion Ratio Lower Upper

264 100

260 24.1 18.4 27.6

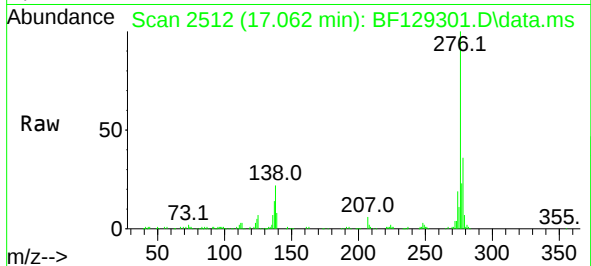
265 21.6 17.2 25.8





#87
Indeno(1,2,3-cd)pyrene
Concen: 5.995 ng
RT: 17.062 min Scan# 211
Delta R.T. -0.029 min
Lab File: BF129301.D
Acq: 21 Jul 2022 17:43

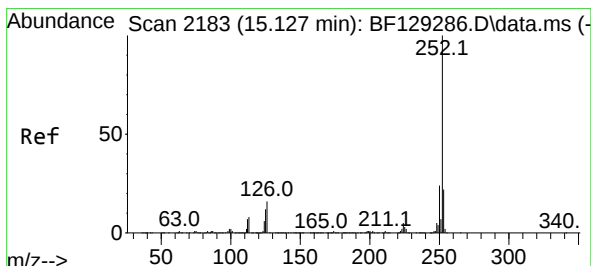
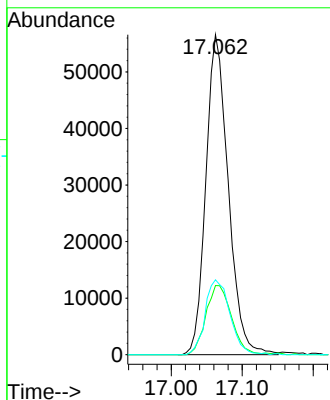
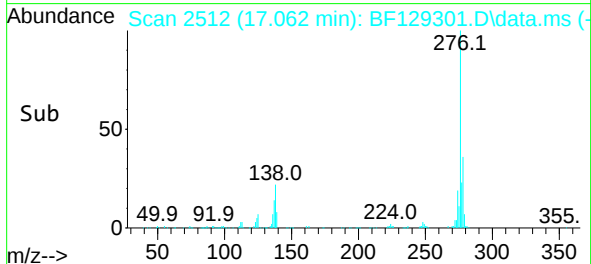
Instrument : BNA_F
ClientSampleId :
LOD-MDL-WATER-01-QT2-2022



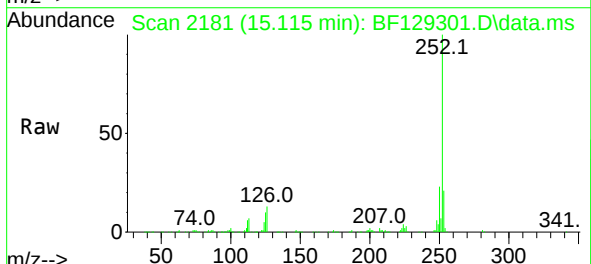
Tgt Ion: 276 Resp: 123978
Ion Ratio Lower Upper
276 100
138 24.6 21.1 31.7
277 25.9 20.3 30.5

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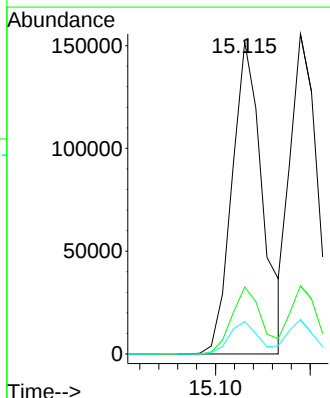
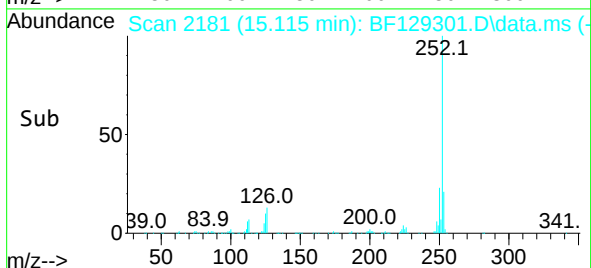
Reviewed By : Christian Giraldo 07/22/2022
Supervised By : Jagrut Upadhyay 07/22/2022

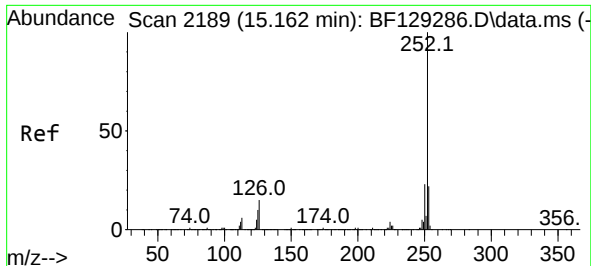


#88
Benzo(b)fluoranthene
Concen: 8.477 ng
RT: 15.115 min Scan# 2181
Delta R.T. -0.012 min
Lab File: BF129301.D
Acq: 21 Jul 2022 17:43



Tgt Ion: 252 Resp: 170193
Ion Ratio Lower Upper
252 100
253 21.5 17.7 26.5
125 10.4 8.0 12.0





#89

Benzo(k)fluoranthene

Concen: 8.023 ng

RT: 15.145 min Scan# 2189

Delta R.T. -0.018 min

Lab File: BF129301.D

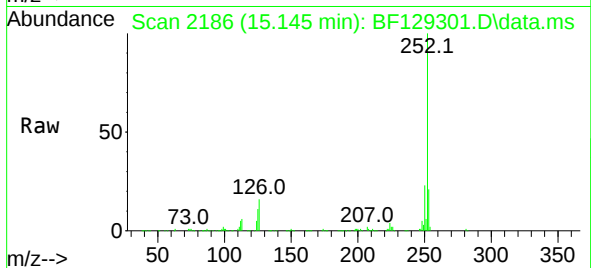
Acq: 21 Jul 2022 17:43

Instrument :

BNA_F

ClientSampleId :

LOD-MDL-WATER-01-QT2-2022



Tgt Ion:252 Resp: 156404

Ion Ratio Lower Upper

252 100

253 21.3 17.8 26.6

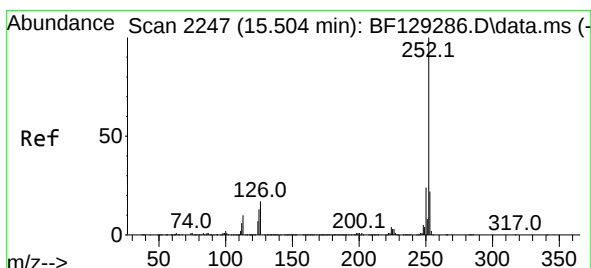
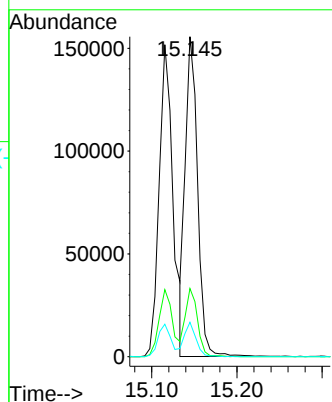
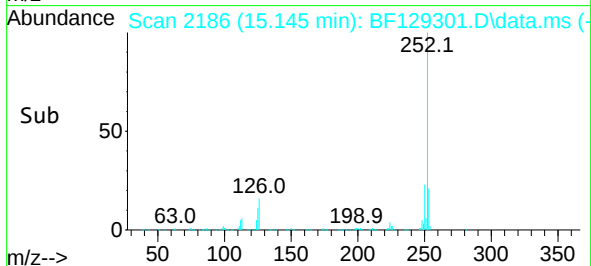
125 10.7 8.3 12.5

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 07/22/2022

Supervised By :Jagrut Upadhyay 07/22/2022



#90

Benzo(a)pyrene

Concen: 8.918 ng

RT: 15.492 min Scan# 2245

Delta R.T. -0.012 min

Lab File: BF129301.D

Acq: 21 Jul 2022 17:43

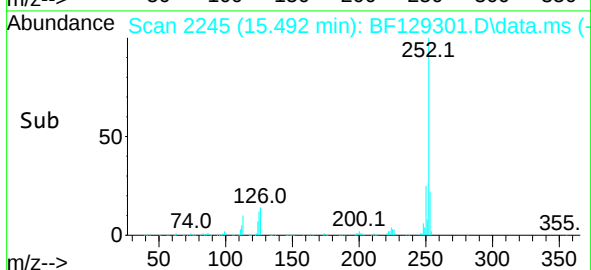
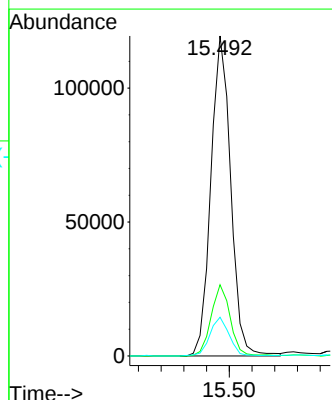
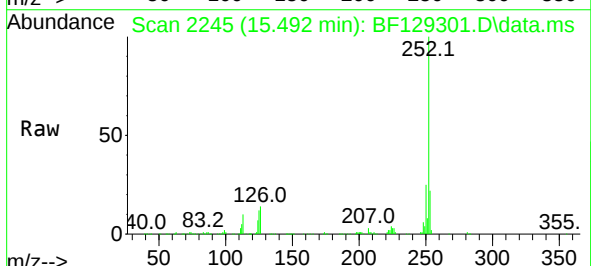
Tgt Ion:252 Resp: 144881

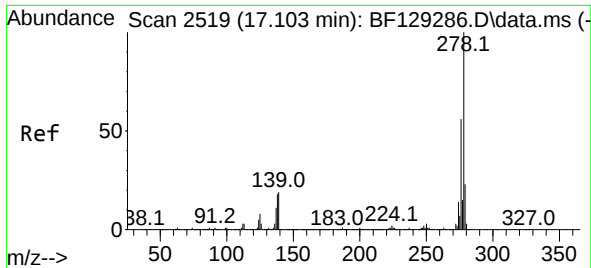
Ion Ratio Lower Upper

252 100

253 22.2 17.0 25.6

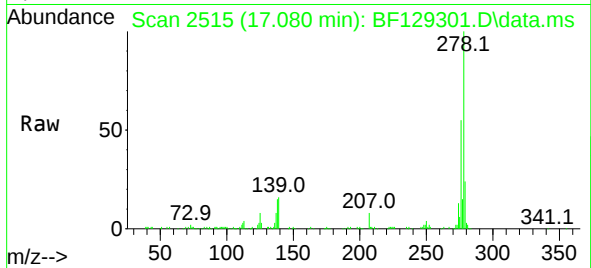
125 12.1 8.8 13.2





#91
Dibenzo(a,h)anthracene
Concen: 6.427 ng
RT: 17.080 min Scan# 2515
Delta R.T. -0.023 min
Lab File: BF129301.D
Acq: 21 Jul 2022 17:43

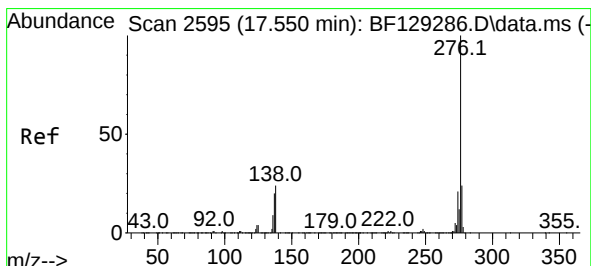
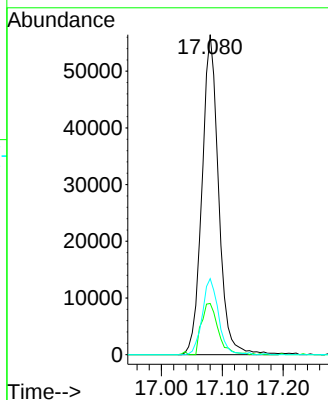
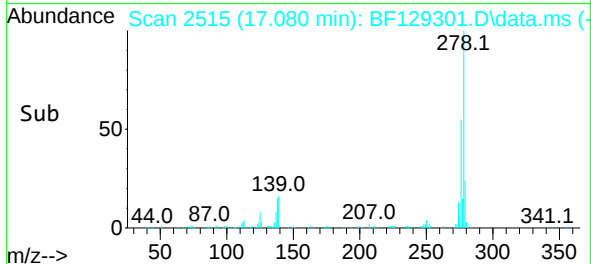
Instrument : BNA_F
ClientSampleId :
LOD-MDL-WATER-01-QT2-2022



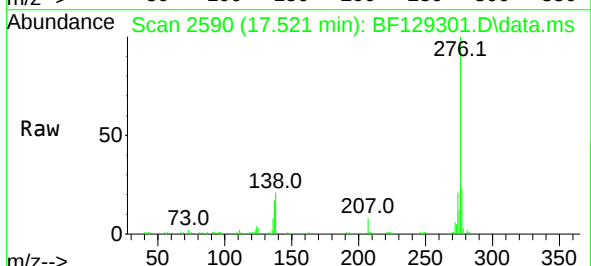
Tgt Ion: 278 Resp: 107128
Ion Ratio Lower Upper
278 100
139 16.0 12.8 19.2
279 23.8 18.6 28.0

Manual Integrations
APPROVED

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



#92
Benzo(g,h,i)perylene
Concen: 6.257 ng
RT: 17.521 min Scan# 2590
Delta R.T. -0.029 min
Lab File: BF129301.D
Acq: 21 Jul 2022 17:43



Tgt Ion: 276 Resp: 108367
Ion Ratio Lower Upper
276 100
277 22.6 19.1 28.7
138 20.7 18.0 27.0

