

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF072122\
 Data File : BF129300.D
 Acq On : 21 Jul 2022 17:08
 Operator : CG\JU
 Sample : N3214-07
 Misc : LOD-MDL-WATER 4ppm
 ALS Vial : 9 Sample Multiplier: 1

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

Quant Time: Jul 21 19:12:46 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	157054	20.000	ng	0.00
21) Naphthalene-d8	8.174	136	595538	20.000	ng	0.00
39) Acenaphthene-d10	9.933	164	321554	20.000	ng	0.00
64) Phenanthrene-d10	11.421	188	556367	20.000	ng	0.00
76) Chrysene-d12	14.068	240	427440	20.000	ng	-0.01
86) Perylene-d12	15.562	264	346077	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.516	112	1056721	109.743	ng	0.00
7) Phenol-d6	6.522	99	1418669	115.576	ng	0.00
23) Nitrobenzene-d5	7.457	82	999492	90.292	ng	0.00
42) 2,4,6-Tribromophenol	10.727	330	386768	124.670	ng	0.00
45) 2-Fluorobiphenyl	9.251	172	1730459	82.787	ng	0.00
79) Terphenyl-d14	13.015	244	1801119	78.478	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	2.692	88	14873	3.483	ng	90
3) Pyridine	3.610	79	33565m	2.847	ng	
4) n-Nitrosodimethylamine	3.434	42	20472m	3.868	ng	
6) Aniline	6.557	93	61558	4.076	ng	97
8) 2-Chlorophenol	6.680	128	42090	3.987	ng	95
9) Benzaldehyde	6.445	77	35288	4.191	ng	97
10) Phenol	6.533	94	49012	3.799	ng	97
11) bis(2-Chloroethyl)ether	6.628	93	39985	3.916	ng	92
12) 1,3-Dichlorobenzene	6.833	146	45167	3.970	ng	99
13) 1,4-Dichlorobenzene	6.910	146	46404	4.031	ng	99
14) 1,2-Dichlorobenzene	7.063	146	43322	4.073	ng	95
15) Benzyl Alcohol	7.027	79	49294	5.535	ng	96
16) 2,2'-oxybis(1-Chloropr...	7.163	45	57428	3.689	ng	94
17) 2-Methylphenol	7.133	107	32133	3.735	ng	98
18) Hexachloroethane	7.404	117	17122	3.964	ng	90
19) n-Nitroso-di-n-propyla...	7.292	70	28815	3.940	ng	96
20) 3+4-Methylphenols	7.286	107	42403	3.779	ng	# 82
22) Acetophenone	7.298	105	59906	4.284	ng	97
24) Nitrobenzene	7.475	77	47391	4.157	ng	98
25) Isophorone	7.704	82	79478	4.090	ng	96
26) 2-Nitrophenol	7.786	139	20511	3.728	ng	98
27) 2,4-Dimethylphenol	7.822	122	35553	4.296	ng	95
28) bis(2-Chloroethoxy)met...	7.916	93	46908	4.166	ng	99
29) 2,4-Dichlorophenol	8.027	162	33087	3.844	ng	98
30) 1,2,4-Trichlorobenzene	8.116	180	35353	3.952	ng	99
31) Naphthalene	8.198	128	123964	4.059	ng	98
32) Benzoic acid	7.875	122	13202m	2.182	ng	
33) 4-Chloroaniline	8.245	127	50046	4.017	ng	95
34) Hexachlorobutadiene	8.310	225	21617	4.227	ng	98
35) Caprolactam	8.574	113	9856	3.590	ng	# 76
36) 4-Chloro-3-methylphenol	8.716	107	35729	3.907	ng	94
37) 2-Methylnaphthalene	8.886	142	80185	4.051	ng	98
38) 1-Methylnaphthalene	8.986	142	77680	4.057	ng	95
40) 1,2,4,5-Tetrachloroben...	9.051	216	35122	4.161	ng	98
41) Hexachlorocyclopentadiene	9.039	237	12783	3.435	ng	99
43) 2,4,6-Trichlorophenol	9.163	196	22575	3.659	ng	98

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

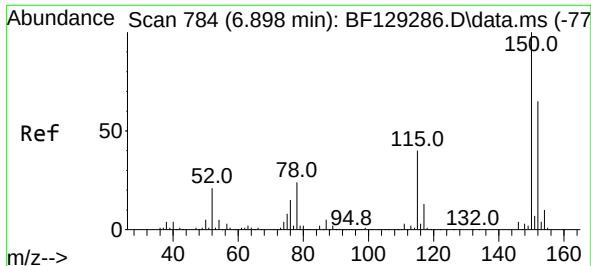
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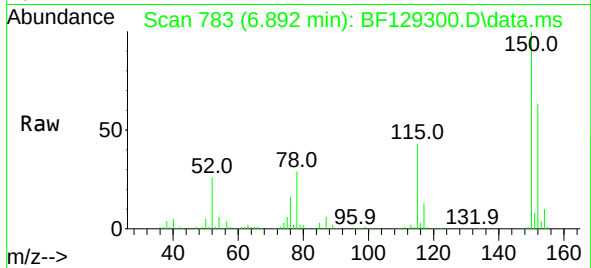
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.204	196	24248	3.623	ng	94
46) 1,1'-Biphenyl	9.351	154	101398	4.267	ng	97
47) 2-Chloronaphthalene	9.380	162	76884	4.040	ng	93
48) 2-Nitroaniline	9.469	65	22820	3.570	ng	98
49) Acenaphthylene	9.792	152	121671	4.163	ng	99
50) Dimethylphthalate	9.645	163	86135	3.899	ng	99
51) 2,6-Dinitrotoluene	9.710	165	18605	3.761	ng	94
52) Acenaphthene	9.963	154	69844	3.682	ng	96
53) 3-Nitroaniline	9.880	138	20386	3.464	ng	# 94
54) 2,4-Dinitrophenol	9.986	184	5182	2.070	ng	90
55) Dibenzofuran	10.139	168	107412	4.075	ng	98
56) 4-Nitrophenol	10.033	139	13973	3.251	ng	89
57) 2,4-Dinitrotoluene	10.116	165	23158	3.571	ng	94
58) Fluorene	10.480	166	83969	3.991	ng	100
59) 2,3,4,6-Tetrachlorophenol	10.251	232	18079m	3.504	ng	
60) Diethylphthalate	10.345	149	84554	3.978	ng	97
61) 4-Chlorophenyl-phenyle...	10.474	204	38291	4.160	ng	98
62) 4-Nitroaniline	10.486	138	19413	3.339	ng	98
63) Azobenzene	10.633	77	83910	3.816	ng	96
65) 4,6-Dinitro-2-methylph...	10.521	198	9272	2.710	ng	89
66) n-Nitrosodiphenylamine	10.586	169	71936	3.911	ng	96
67) 4-Bromophenyl-phenylether	10.963	248	23425	3.902	ng	95
68) Hexachlorobenzene	11.027	284	27110	4.123	ng	96
69) Atrazine	11.110	200	22426	3.989	ng	94
70) Pentachlorophenol	11.221	266	10381	2.872	ng	93
71) Phenanthrene	11.445	178	122814	4.022	ng	98
72) Anthracene	11.498	178	124991	4.131	ng	97
73) Carbazole	11.651	167	114860	4.069	ng	98
74) Di-n-butylphthalate	11.974	149	127342	3.905	ng	100
75) Fluoranthene	12.639	202	125379	4.029	ng	98
77) Benzidine	12.757	184	66694	3.915	ng	98
78) Pyrene	12.868	202	129524	3.543	ng	97
80) Butylbenzylphthalate	13.480	149	48940	3.281	ng	93
81) Benzo(a)anthracene	14.056	228	110026	3.738	ng	98
82) 3,3'-Dichlorobenzidine	14.015	252	35536	3.678	ng	# 96
83) Chrysene	14.092	228	103063	3.710	ng	99
84) Bis(2-ethylhexyl)phtha...	14.033	149	64989	3.548	ng	99
85) Di-n-octyl phthalate	14.651	149	88914	3.391	ng	100
87) Indeno(1,2,3-cd)pyrene	17.062	276	70037	2.952	ng	98
88) Benzo(b)fluoranthene	15.115	252	95185	4.132	ng	98
89) Benzo(k)fluoranthene	15.145	252	83274	3.723	ng	97
90) Benzo(a)pyrene	15.492	252	78813	4.229	ng	99
91) Dibenzo(a,h)anthracene	17.080	278	61378	3.210	ng	99
92) Benzo(g,h,i)perylene	17.521	276	60061	3.023	ng	96

(#) = 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: BF129300.D
 Acq: 21 Jul 2022 17:08

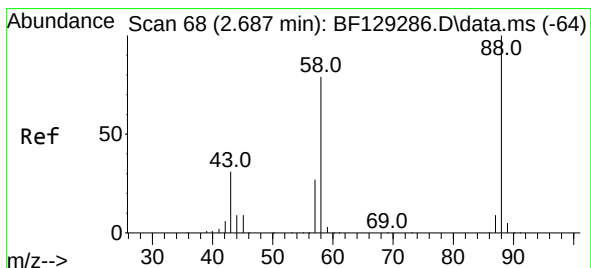
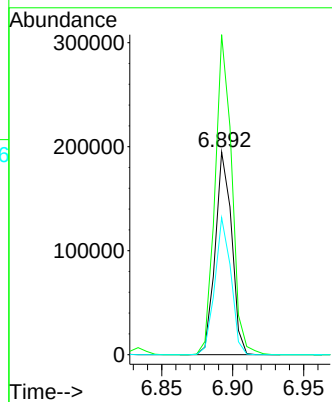
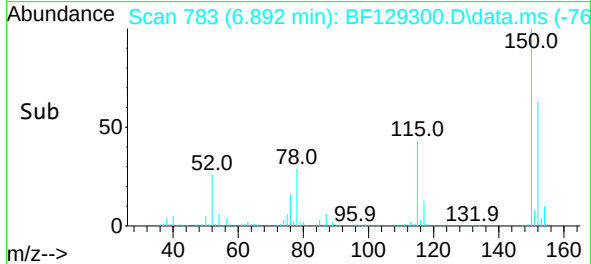
Instrument :
 BNA_F
 ClientSampleId :
 LOD-MDL-WATER-01-QT2-2022



Tgt Ion:152 Resp: 157054
 Ion Ratio Lower Upper
 152 100
 150 157.8 123.7 185.5
 115 67.6 49.9 74.9

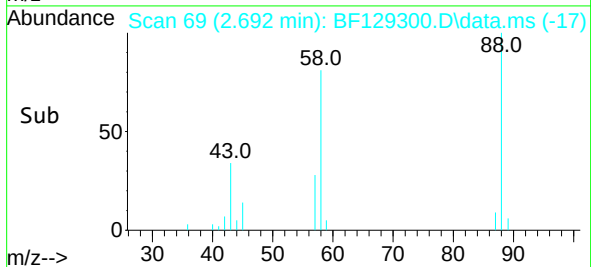
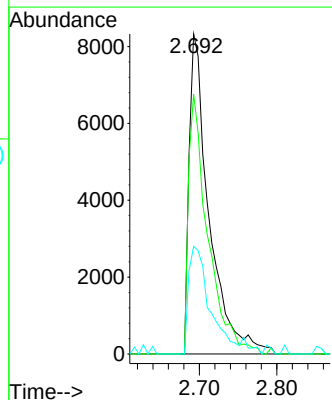
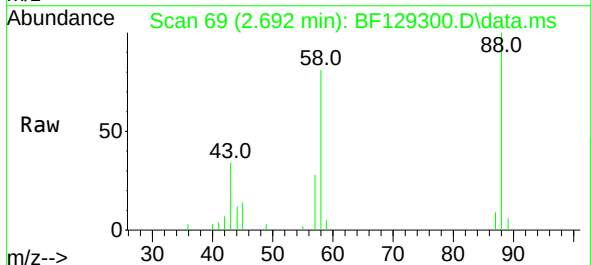
Manual Integrations
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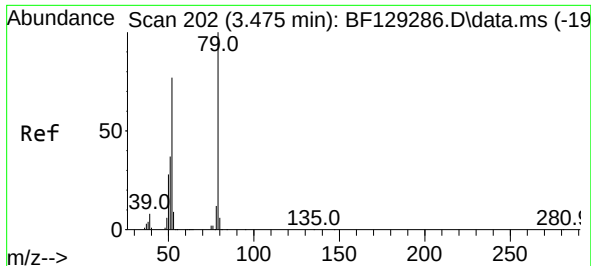
Reviewed By :Christian Giraldo 07/22/2022
 Supervised By :Jagrut Upadhyay 07/22/2022



#2
 1,4-Dioxane
 Concen: 3.483 ng
 RT: 2.692 min Scan# 69
 Delta R.T. 0.006 min
 Lab File: BF129300.D
 Acq: 21 Jul 2022 17:08

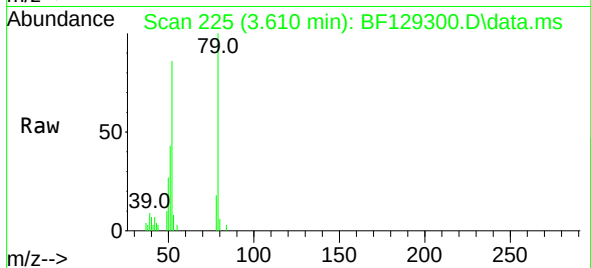
Tgt Ion: 88 Resp: 14873
 Ion Ratio Lower Upper
 88 100
 58 78.6 71.8 107.8
 43 35.7 26.6 39.8





#3
Pyridine
Concen: 2.847 ng m
RT: 3.610 min Scan# 21
Delta R.T. 0.135 min
Lab File: BF129300.D
Acq: 21 Jul 2022 17:08

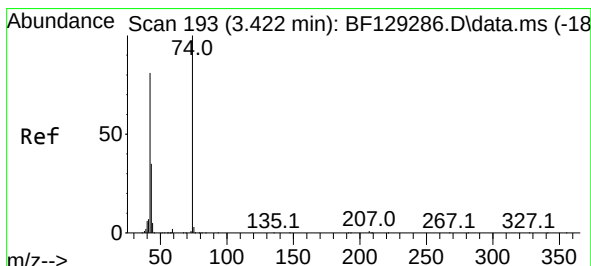
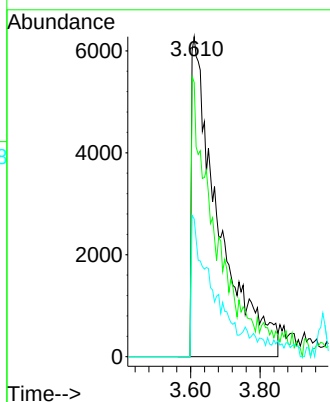
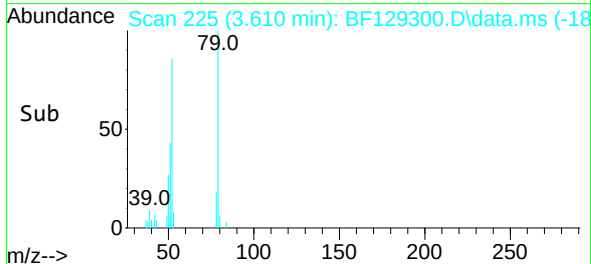
Instrument :
BNA_F
ClientSampleId :
LOD-MDL-WATER-01-QT2-2022



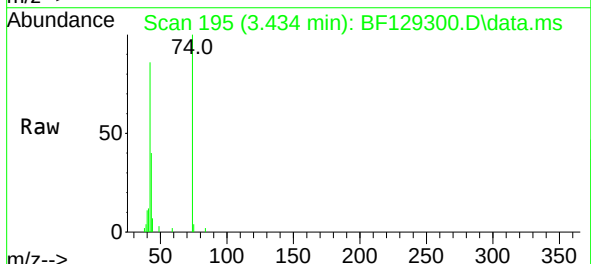
Tgt Ion: 79 Resp: 3356
Ion Ratio Lower Upper
79 100
52 85.7 68.6 102.8
51 43.0 32.9 49.3

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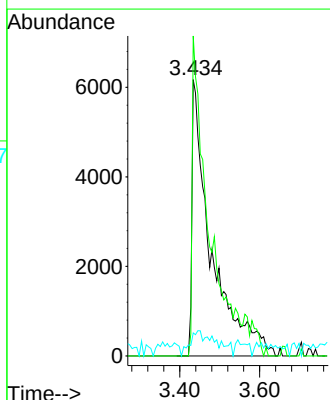
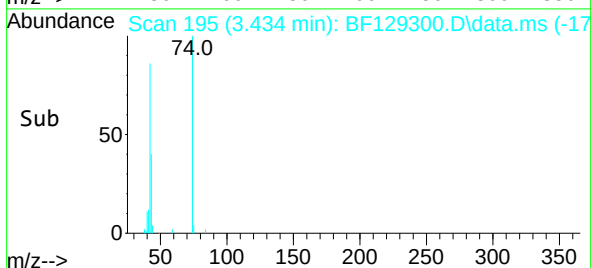
Reviewed By :Christian Giraldo 07/22/2022
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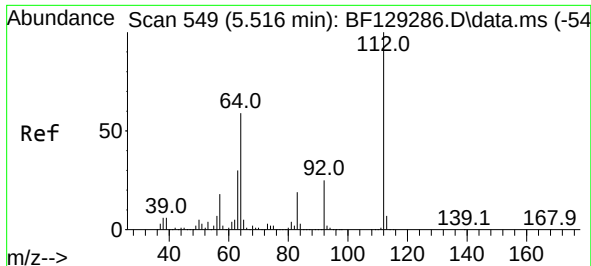


#4
n-Nitrosodimethylamine
Concen: 3.868 ng m
RT: 3.434 min Scan# 195
Delta R.T. 0.012 min
Lab File: BF129300.D
Acq: 21 Jul 2022 17:08



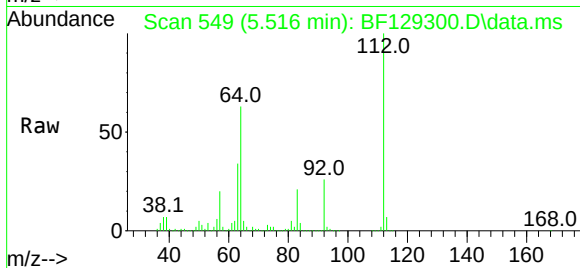
Tgt Ion: 42 Resp: 20472
Ion Ratio Lower Upper
42 100
74 115.8 94.8 142.2
44 8.3 6.6 10.0





#5
2-Fluorophenol
Concen: 109.743 ng
RT: 5.516 min Scan# 549
Delta R.T. -0.000 min
Lab File: BF129300.D
Acq: 21 Jul 2022 17:08

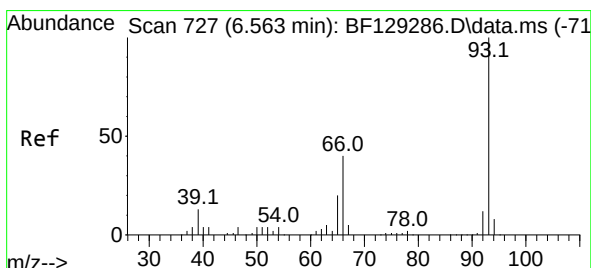
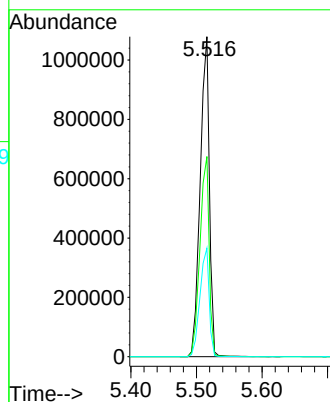
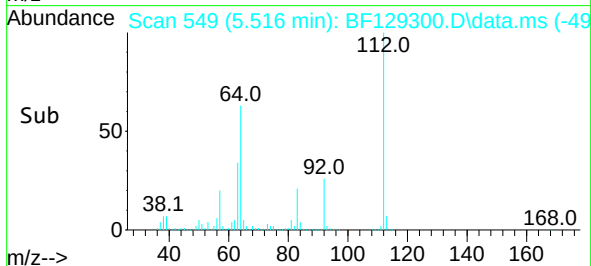
Instrument : BNA_F
ClientSampleId :
LOD-MDL-WATER-01-QT2-2022



Tgt Ion:112 Resp: 105672
Ion Ratio Lower Upper
112 100
64 62.5 53.3 79.9
63 33.9 28.0 42.0

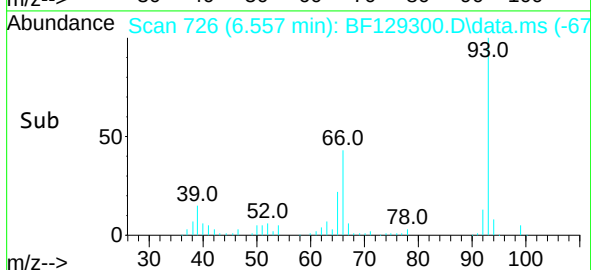
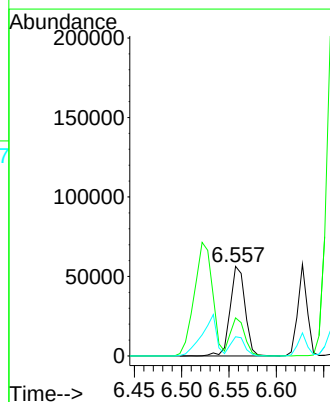
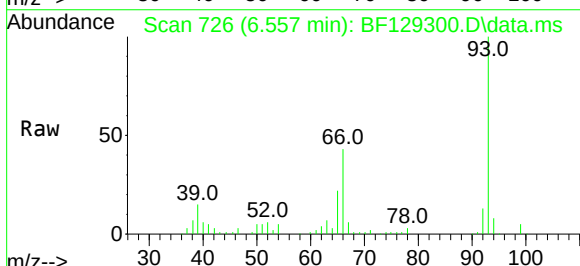
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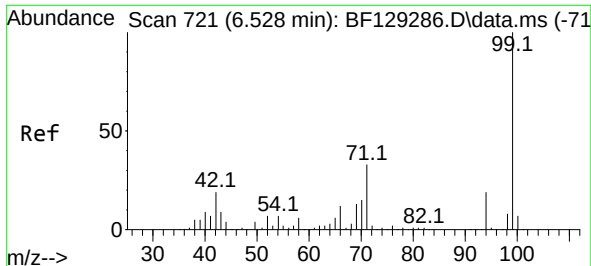
Reviewed By :Christian Giraldo 07/22/2022
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#6
Aniline
Concen: 4.076 ng
RT: 6.557 min Scan# 726
Delta R.T. -0.006 min
Lab File: BF129300.D
Acq: 21 Jul 2022 17:08

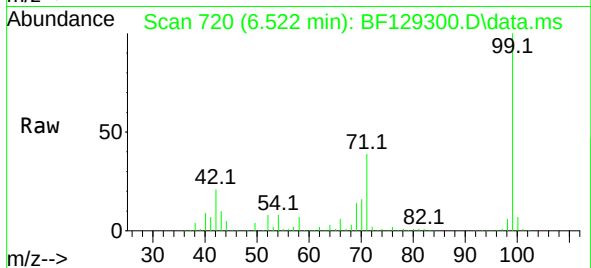
Tgt Ion: 93 Resp: 61558
Ion Ratio Lower Upper
93 100
66 42.5 32.5 48.7
65 21.5 16.4 24.6





#7
Phenol-d6
Concen: 115.576 ng
RT: 6.522 min Scan# 71
Delta R.T. -0.006 min
Lab File: BF129300.D
Acq: 21 Jul 2022 17:08

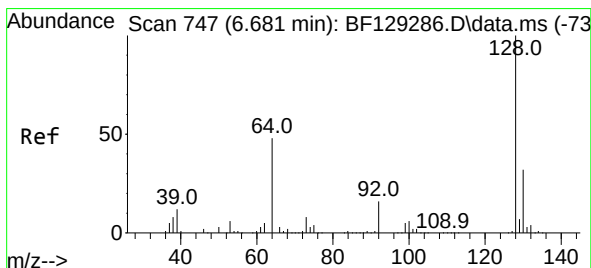
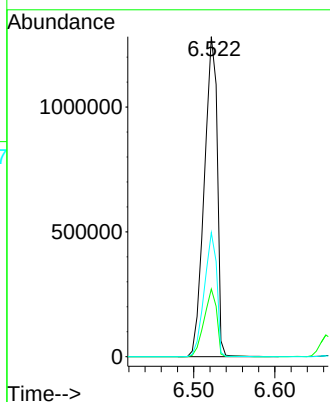
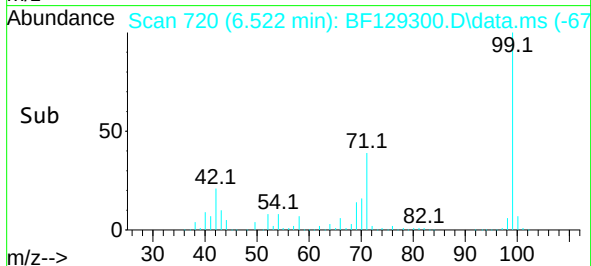
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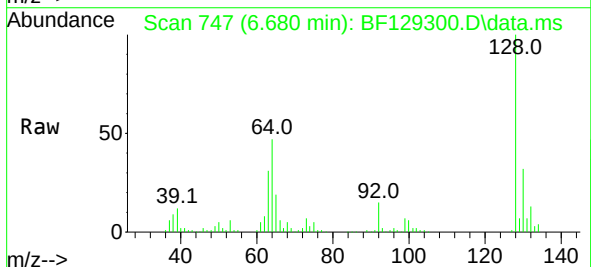
Tgt Ion: 99 Resp: 141866
Ion Ratio Lower Upper
99 100
42 21.2 17.3 25.9
71 38.7 28.9 43.3

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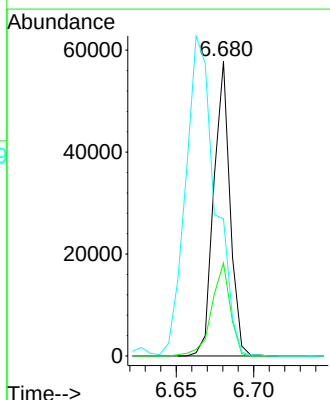
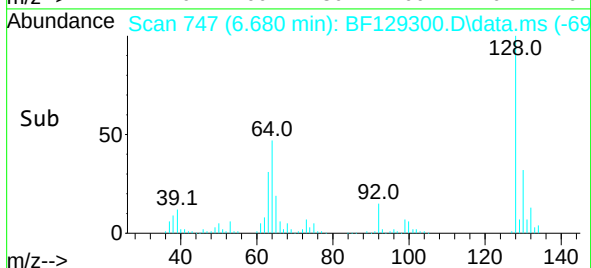
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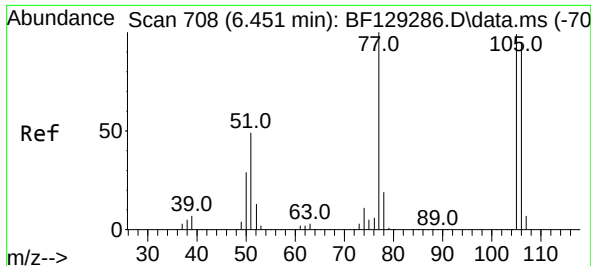


#8
2-Chlorophenol
Concen: 3.987 ng
RT: 6.680 min Scan# 747
Delta R.T. -0.000 min
Lab File: BF129300.D
Acq: 21 Jul 2022 17:08



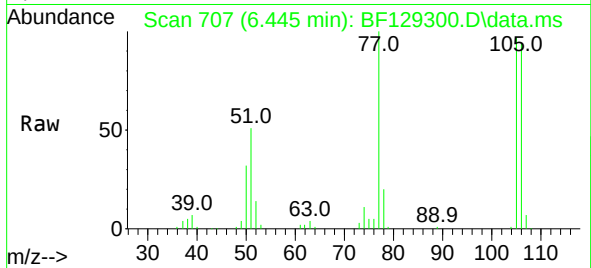
Tgt Ion:128 Resp: 42090
Ion Ratio Lower Upper
128 100
130 31.5 13.1 53.1
64 46.6 30.9 70.9





#9
Benzaldehyde
Concen: 4.191 ng
RT: 6.445 min Scan# 708
Delta R.T. -0.006 min
Lab File: BF129300.D
Acq: 21 Jul 2022 17:08

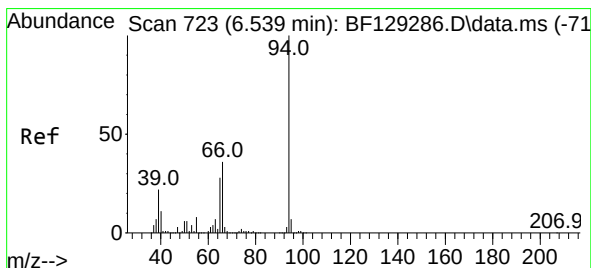
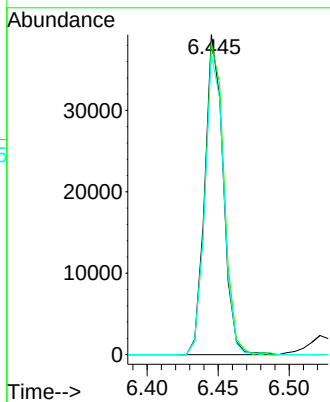
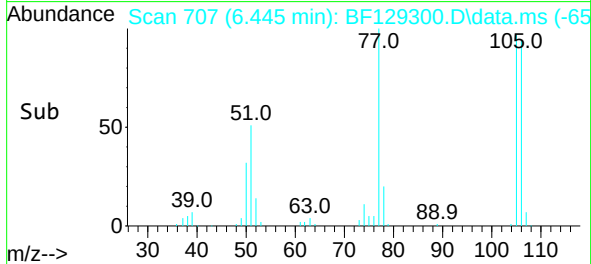
Instrument : BNA_F
ClientSampleId : LOD-MDL-WATER-01-QT2-2022



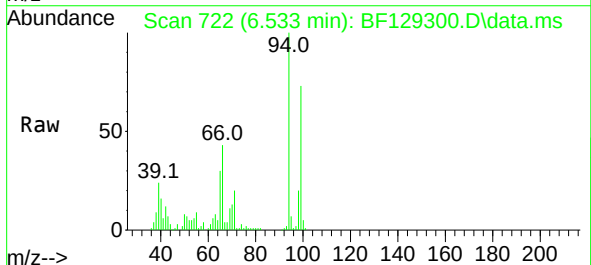
Tgt Ion: 77 Resp: 3528
Ion Ratio Lower Upper
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106 93.9 76.1 116.1

Manual Integrations
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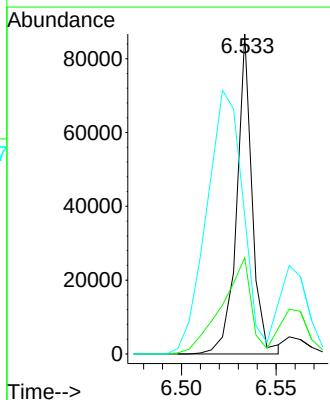
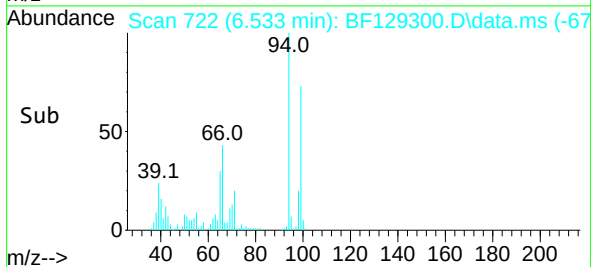
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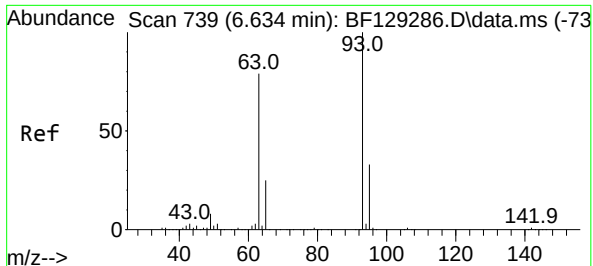


#10
Phenol
Concen: 3.799 ng
RT: 6.533 min Scan# 722
Delta R.T. -0.006 min
Lab File: BF129300.D
Acq: 21 Jul 2022 17:08



Tgt Ion: 94 Resp: 49012
Ion Ratio Lower Upper
94 100
65 30.1 11.4 51.4
66 43.2 21.4 61.4





#11

bis(2-Chloroethyl)ether

Concen: 3.916 ng

RT: 6.628 min Scan# 71

Delta R.T. -0.006 min

Lab File: BF129300.D

Acq: 21 Jul 2022 17:08

Instrument :

BNA_F

ClientSampleId :

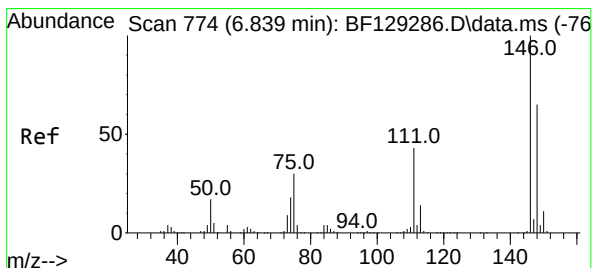
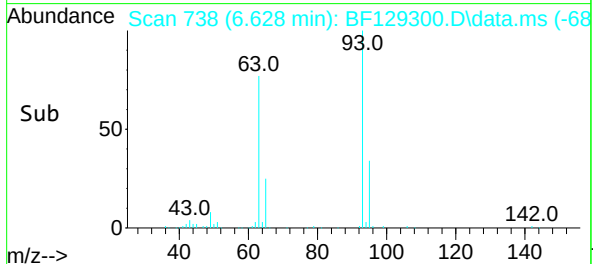
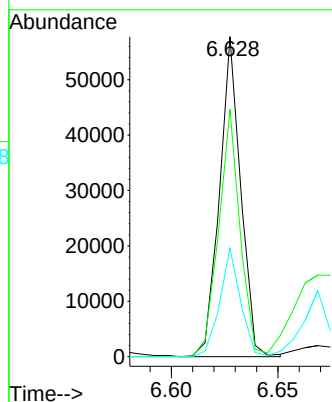
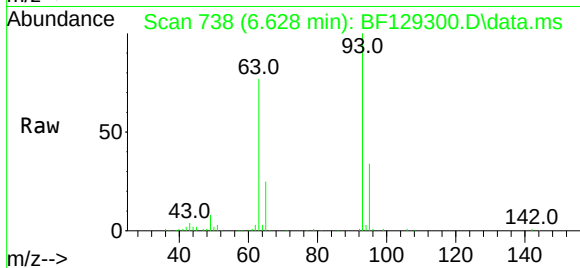
LOD-MDL-WATER-01-QT2-2022

Tgt Ion: 93	Resp: 3998
Ion Ratio	Lower Upper
93 100	
63 77.3	67.4 107.4
95 33.9	12.7 52.7

Manual Integrations

APPROVED

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



#12

1,3-Dichlorobenzene

Concen: 3.970 ng

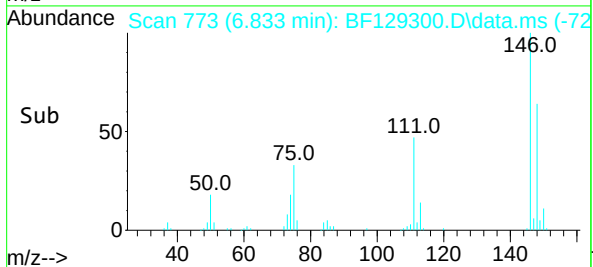
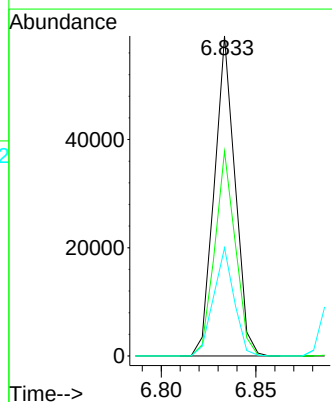
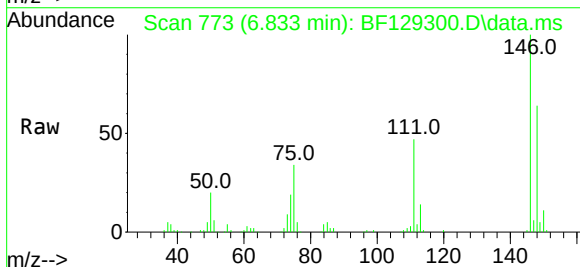
RT: 6.833 min Scan# 773

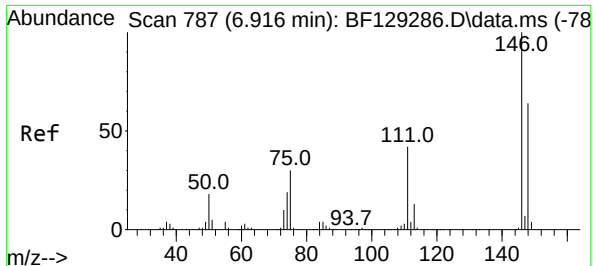
Delta R.T. -0.006 min

Lab File: BF129300.D

Acq: 21 Jul 2022 17:08

Tgt Ion:146	Resp: 45167
Ion Ratio	Lower Upper
146 100	
148 64.0	50.6 75.8
75 33.8	26.3 39.5





#13

1,4-Dichlorobenzene

Concen: 4.031 ng

RT: 6.910 min Scan# 787

Delta R.T. -0.006 min

Lab File: BF129300.D

Acq: 21 Jul 2022 17:08

Instrument :

BNA_F

ClientSampleId :

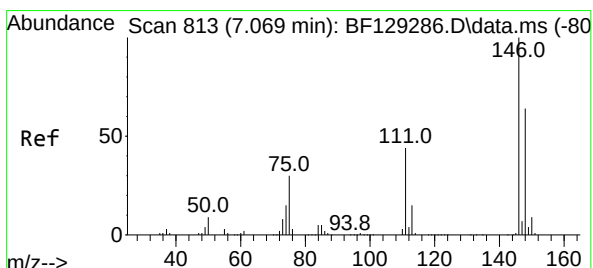
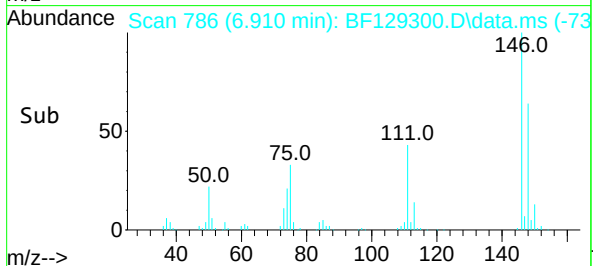
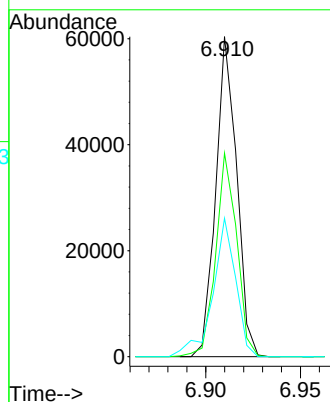
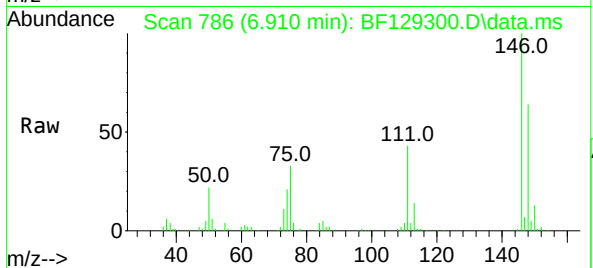
LOD-MDL-WATER-01-QT2-2022

Tgt Ion:146	Resp:	46404
Ion Ratio	Lower	Upper
146	100	
148	63.6	51.1 76.7
111	43.2	34.2 51.4

Manual Integrations

APPROVED

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



#14

1,2-Dichlorobenzene

Concen: 4.073 ng

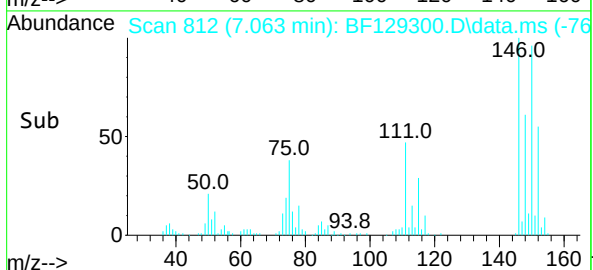
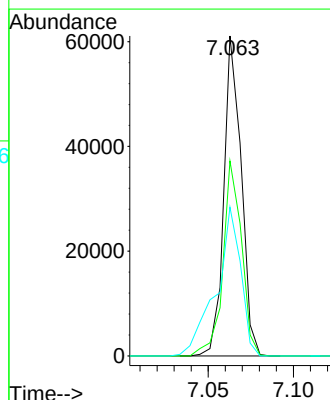
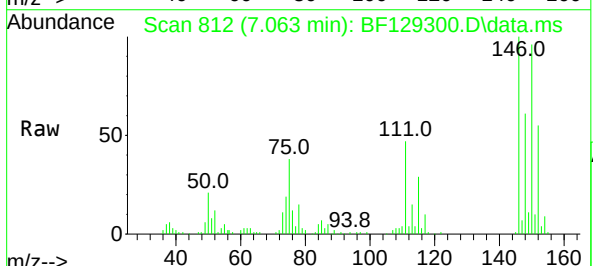
RT: 7.063 min Scan# 812

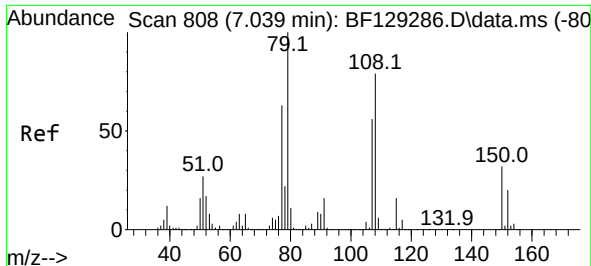
Delta R.T. -0.006 min

Lab File: BF129300.D

Acq: 21 Jul 2022 17:08

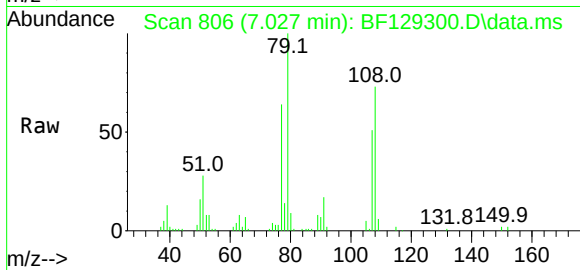
Tgt Ion:146	Resp:	43322
Ion Ratio	Lower	Upper
146	100	
148	60.9	51.8 77.8
111	46.5	35.1 52.7





#15
Benzyl Alcohol
Concen: 5.535 ng
RT: 7.027 min Scan# 80
Delta R.T. -0.012 min
Lab File: BF129300.D
Acq: 21 Jul 2022 17:08

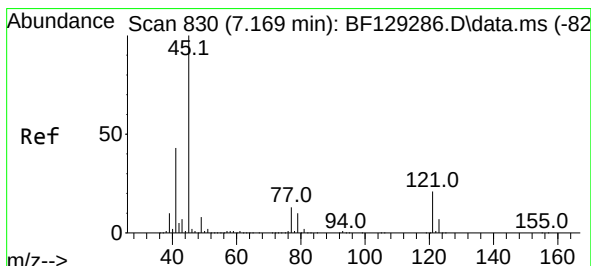
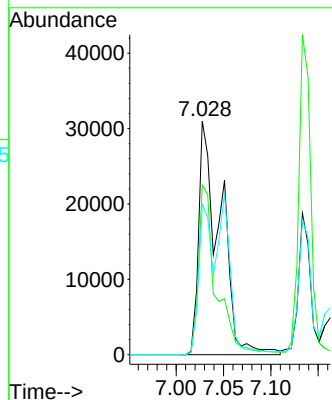
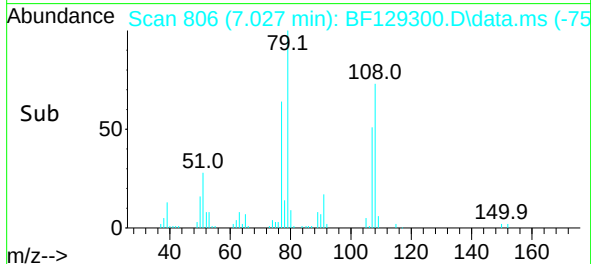
Instrument :
BNA_F
ClientSampleId :
LOD-MDL-WATER-01-QT2-2022



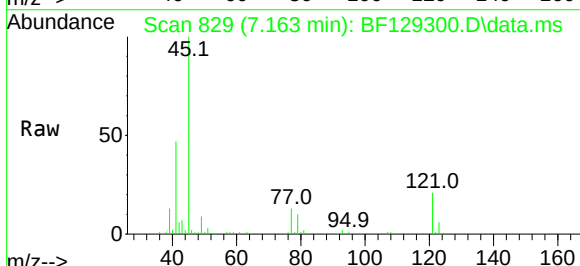
Tgt Ion: 79 Resp: 49294
Ion Ratio Lower Upper
79 100
108 72.6 61.8 92.6
77 64.2 50.2 75.4

Manual Integrations
APPROVED

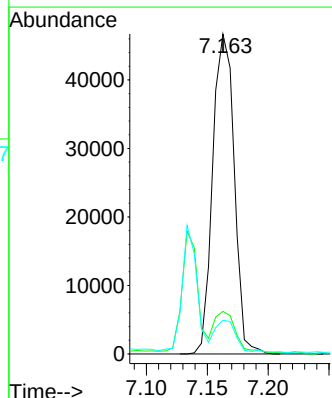
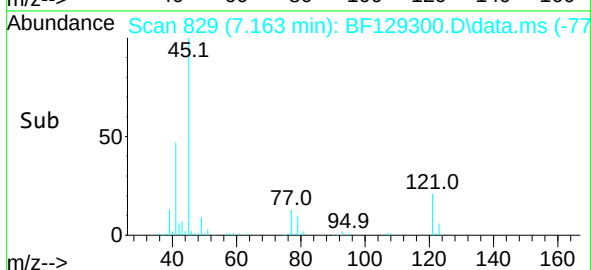
Reviewed By :Christian Giraldo 07/22/2022
Supervised By :Jagrut Upadhyay 07/22/2022

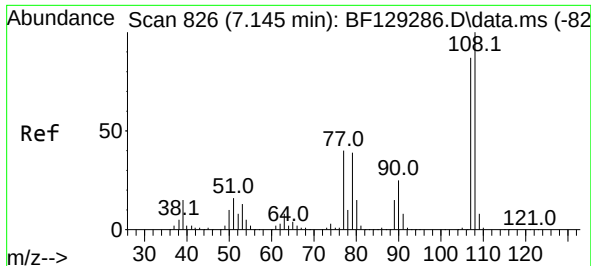


#16
2,2'-oxybis(1-Chloropropane)
Concen: 3.689 ng
RT: 7.163 min Scan# 829
Delta R.T. -0.006 min
Lab File: BF129300.D
Acq: 21 Jul 2022 17:08



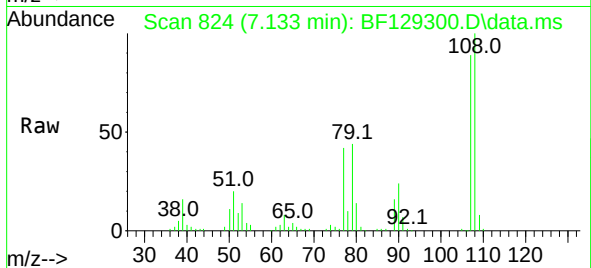
Tgt Ion: 45 Resp: 57428
Ion Ratio Lower Upper
45 100
77 13.3 0.0 31.3
79 10.5 0.0 28.3





#17
2-Methylphenol
Concen: 3.735 ng
RT: 7.133 min Scan# 81
Delta R.T. -0.012 min
Lab File: BF129300.D
Acq: 21 Jul 2022 17:08

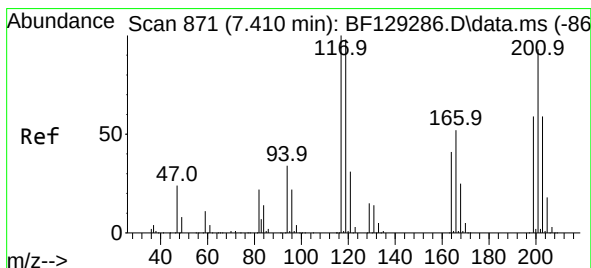
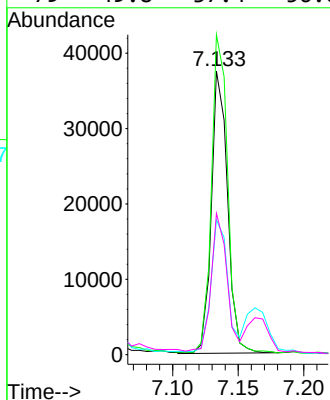
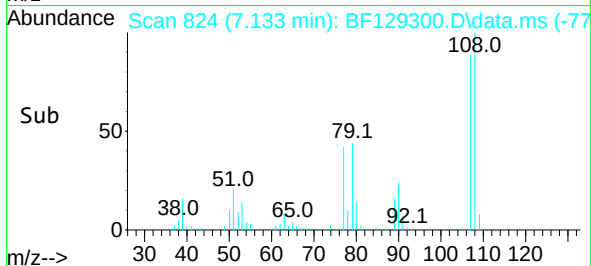
Instrument : BNA_F
ClientSampleId :
LOD-MDL-WATER-01-QT2-2022



Tgt Ion:107 Resp: 3213
Ion Ratio Lower Upper
107 100
108 112.8 91.9 137.9
77 47.6 37.8 56.8
79 49.8 37.4 56.0

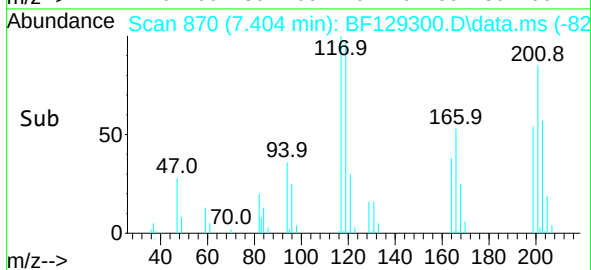
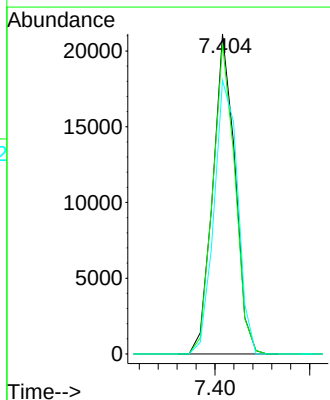
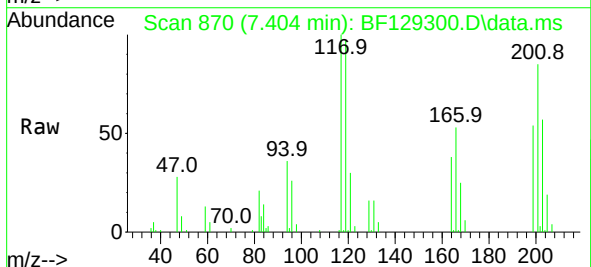
Manual Integrations
APPROVED

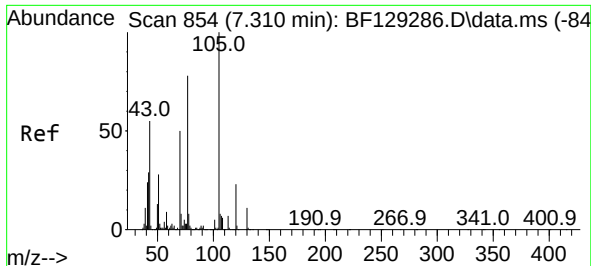
Reviewed By :Christian Giraldo 07/22/2022
Supervised By :Jagrut Upadhyay 07/22/2022



#18
Hexachloroethane
Concen: 3.964 ng
RT: 7.404 min Scan# 870
Delta R.T. -0.006 min
Lab File: BF129300.D
Acq: 21 Jul 2022 17:08

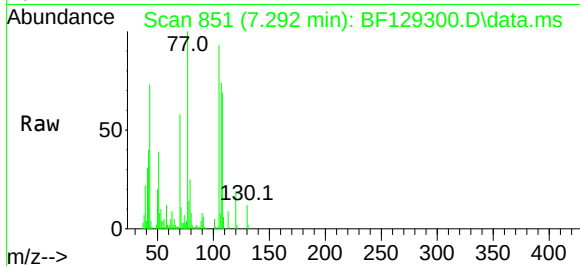
Tgt Ion:117 Resp: 17122
Ion Ratio Lower Upper
117 100
119 97.0 77.4 116.2
201 85.5 84.6 127.0





#19
n-Nitroso-di-n-propylamine
Concen: 3.940 ng
RT: 7.292 min Scan# 81
Delta R.T. -0.018 min
Lab File: BF129300.D
Acq: 21 Jul 2022 17:08

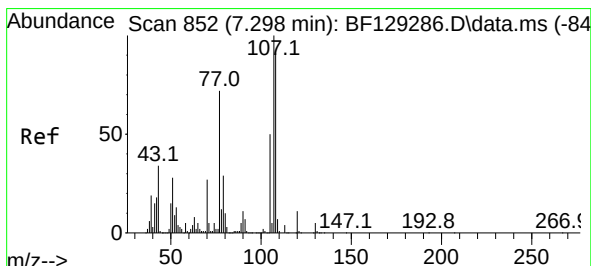
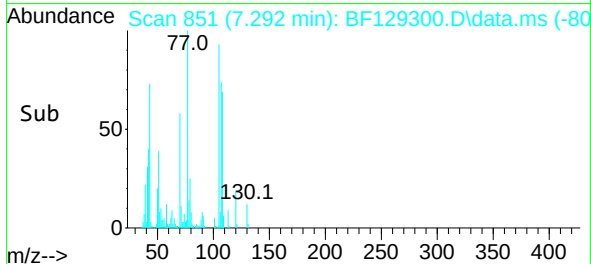
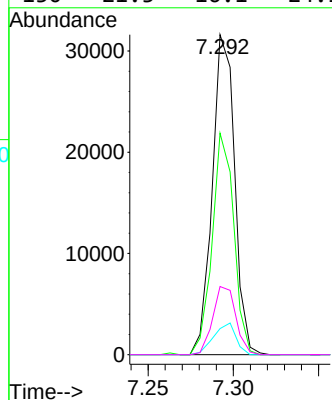
Instrument :
BNA_F
ClientSampleId :
LOD-MDL-WATER-01-QT2-2022



Tgt Ion: 70 Resp: 2881
Ion Ratio Lower Upper
70 100
42 69.2 52.3 78.5
101 8.1 7.5 11.3
130 21.3 16.1 24.1

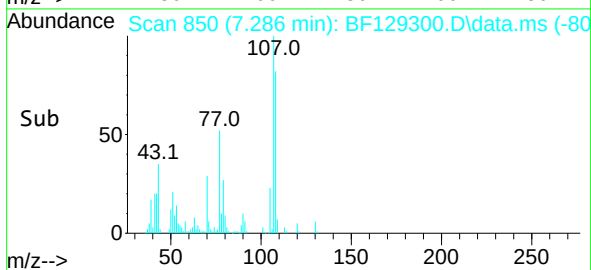
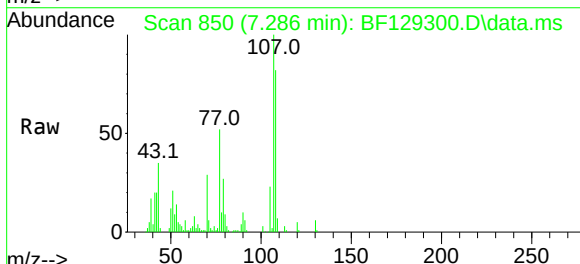
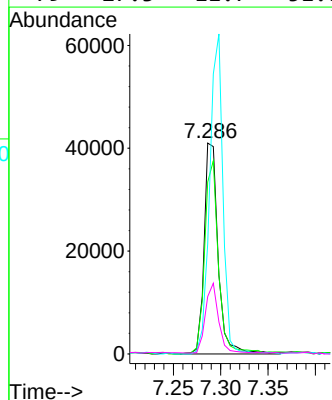
Manual Integrations
APPROVED

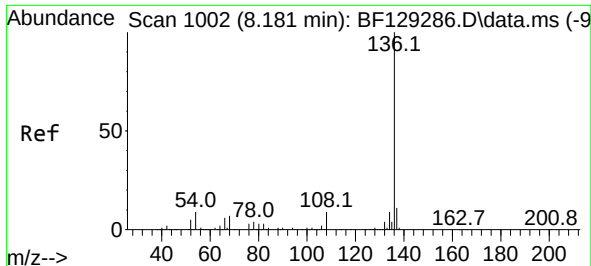
Reviewed By :Christian Giraldo 07/22/2022
Supervised By :Jagrut Upadhyay 07/22/2022



#20
3+4-Methylphenols
Concen: 3.779 ng
RT: 7.286 min Scan# 850
Delta R.T. -0.012 min
Lab File: BF129300.D
Acq: 21 Jul 2022 17:08

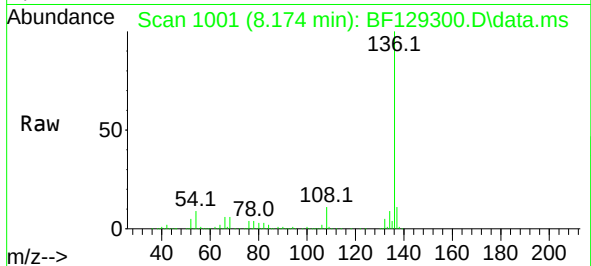
Tgt Ion:107 Resp: 42403
Ion Ratio Lower Upper
107 100
108 81.6 71.8 111.8
77 52.3 59.3 99.3#
79 27.3 11.7 51.7





#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.174 min Scan# 1001
Delta R.T. -0.006 min
Lab File: BF129300.D
Acq: 21 Jul 2022 17:08

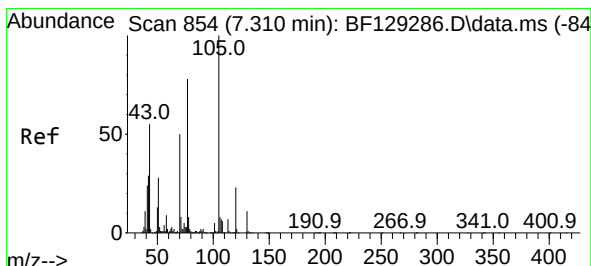
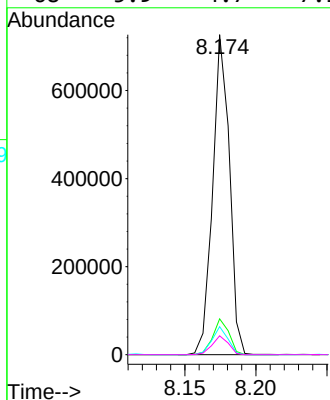
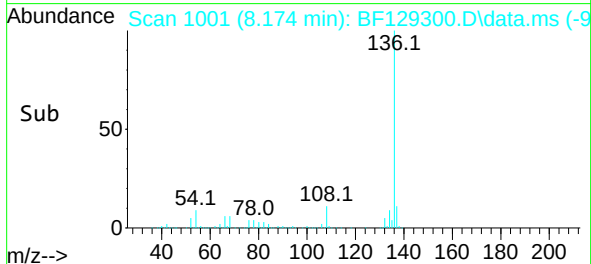
Instrument :
BNA_F
ClientSampleId :
LOD-MDL-WATER-01-QT2-2022



Tgt Ion:136 Resp: 595538
Ion Ratio Lower Upper
136 100
137 11.2 8.8 13.2
54 8.8 7.5 11.3
68 5.9 4.7 7.1

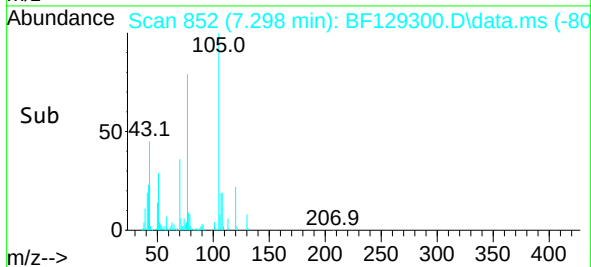
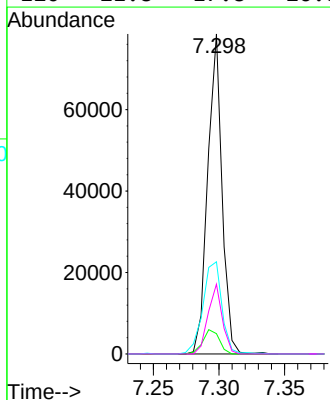
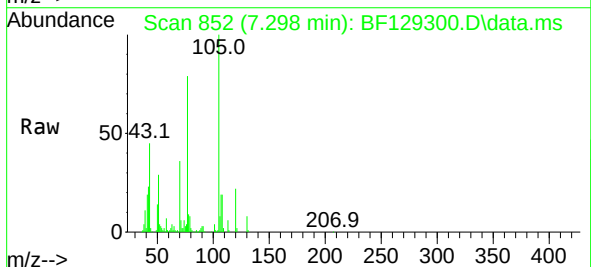
Manual Integrations
APPROVED

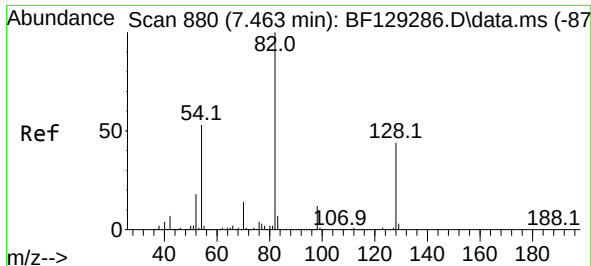
Reviewed By :Christian Giraldo 07/22/2022
Supervised By :Jagrut Upadhyay 07/22/2022



#22
Acetophenone
Concen: 4.284 ng
RT: 7.298 min Scan# 852
Delta R.T. -0.012 min
Lab File: BF129300.D
Acq: 21 Jul 2022 17:08

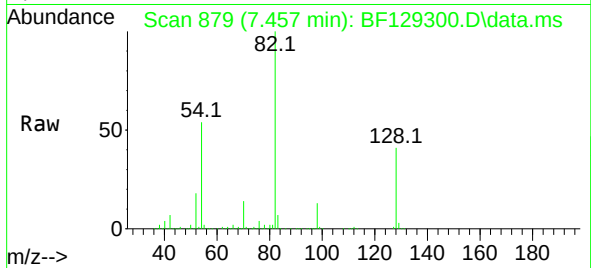
Tgt Ion:105 Resp: 59906
Ion Ratio Lower Upper
105 100
71 6.3 5.0 7.4
51 28.8 25.0 37.4
120 21.8 17.8 26.8





#23
Nitrobenzene-d5
Concen: 90.292 ng
RT: 7.457 min Scan# 81
Delta R.T. -0.006 min
Lab File: BF129300.D
Acq: 21 Jul 2022 17:08

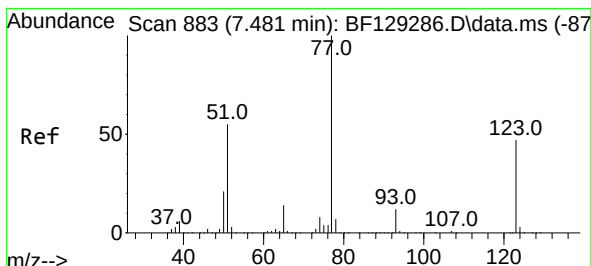
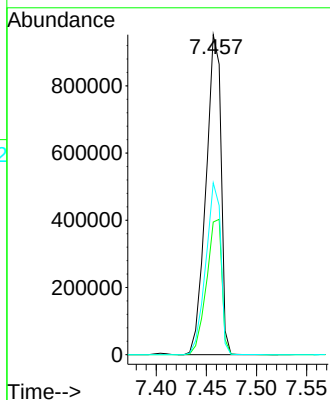
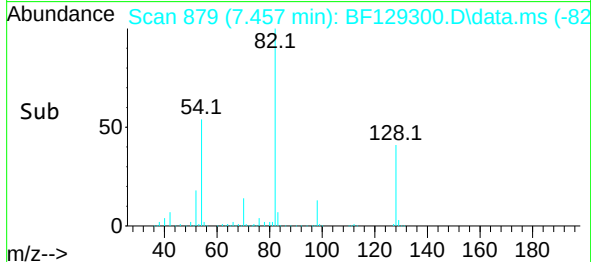
Instrument :
BNA_F
ClientSampleId :
LOD-MDL-WATER-01-QT2-2022



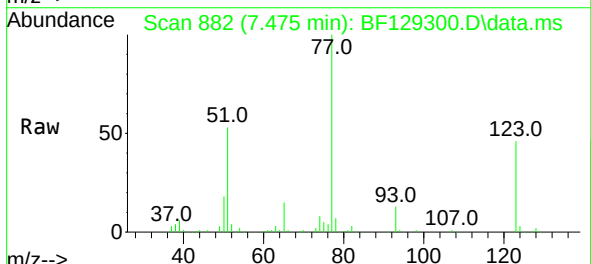
Tgt Ion: 82 Resp: 999492
Ion Ratio Lower Upper
82 100
128 41.5 34.0 51.0
54 53.7 46.9 70.3

Manual Integrations
APPROVED

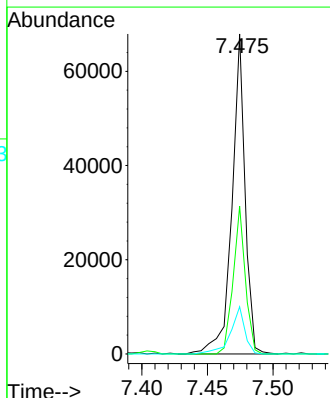
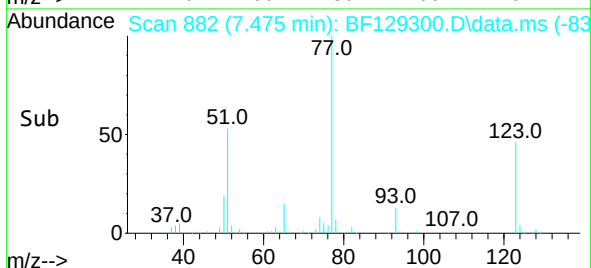
Reviewed By :Christian Giraldo 07/22/2022
Supervised By :Jagrut Upadhyay 07/22/2022

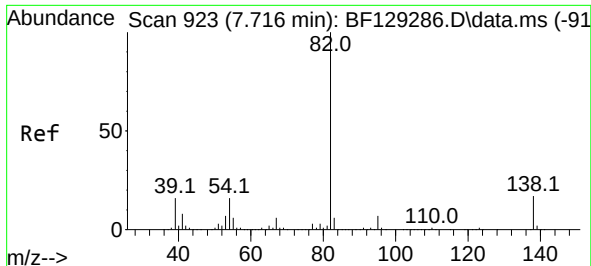


#24
Nitrobenzene
Concen: 4.157 ng
RT: 7.475 min Scan# 882
Delta R.T. -0.006 min
Lab File: BF129300.D
Acq: 21 Jul 2022 17:08



Tgt Ion: 77 Resp: 47391
Ion Ratio Lower Upper
77 100
123 46.2 35.4 53.2
65 14.8 11.8 17.8





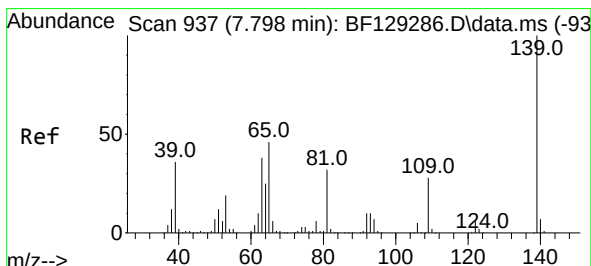
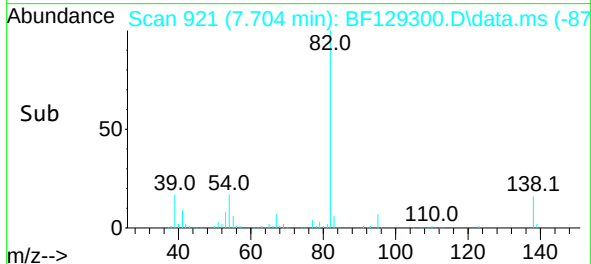
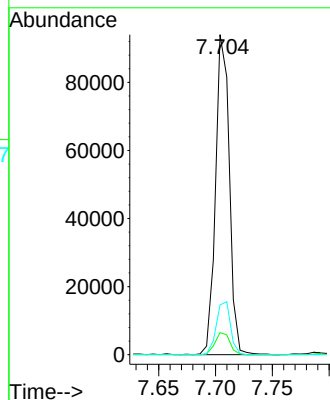
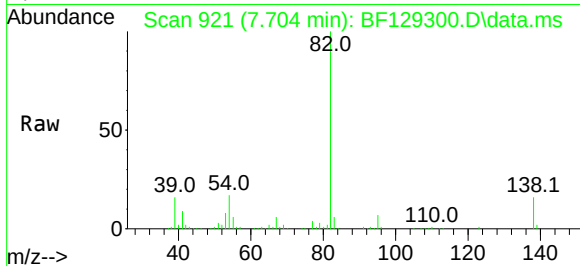
#25
Isophorone
Concen: 4.090 ng
RT: 7.704 min Scan# 91
Delta R.T. -0.012 min
Lab File: BF129300.D
Acq: 21 Jul 2022 17:08

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

Tgt Ion: 82 Resp: 79478
Ion Ratio Lower Upper
82 100
95 6.9 5.7 8.5
138 15.5 14.2 21.2

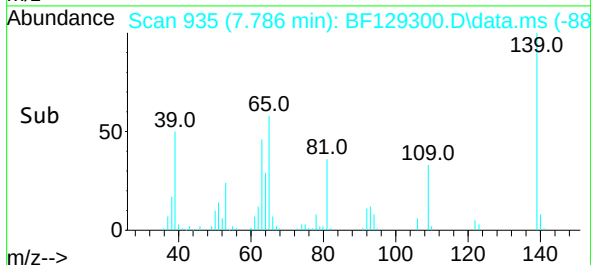
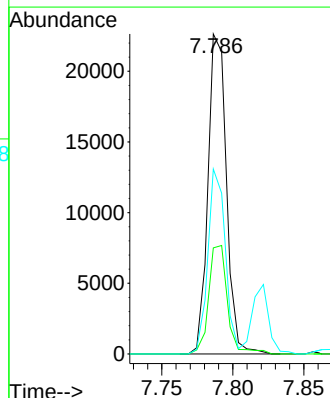
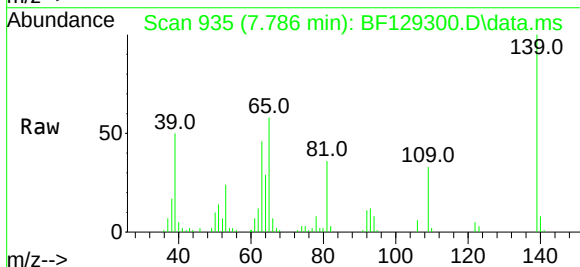
Manual Integrations
APPROVED

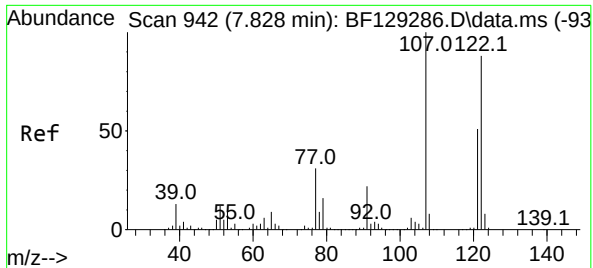
Reviewed By :Christian Giraldo 07/22/2022
Supervised By :Jagrut Upadhyay 07/22/2022



#26
2-Nitrophenol
Concen: 3.728 ng
RT: 7.786 min Scan# 935
Delta R.T. -0.012 min
Lab File: BF129300.D
Acq: 21 Jul 2022 17:08

Tgt Ion:139 Resp: 20511
Ion Ratio Lower Upper
139 100
109 33.1 25.0 37.4
65 57.8 45.1 67.7





#27

2,4-Dimethylphenol

Concen: 4.296 ng

RT: 7.822 min Scan# 94

Delta R.T. -0.006 min

Lab File: BF129300.D

Acq: 21 Jul 2022 17:08

Instrument :

BNA_F

ClientSampleId :

LOD-MDL-WATER-01-QT2-2022

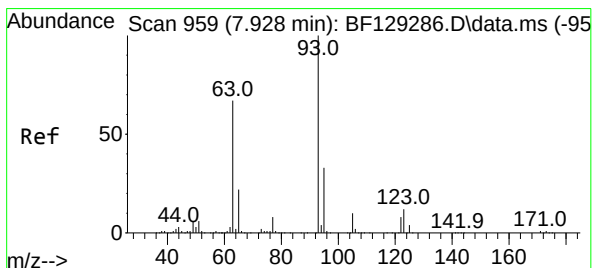
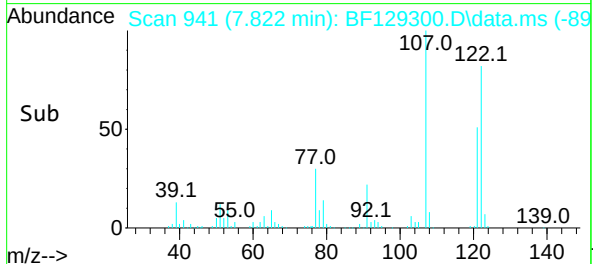
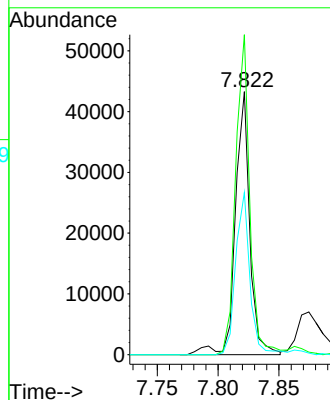
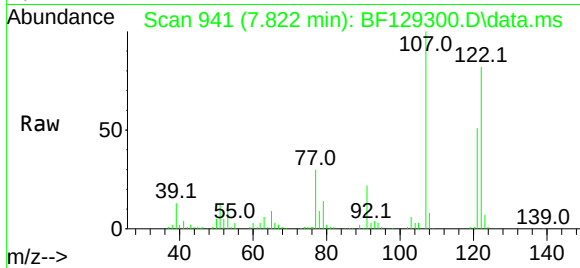
Tgt Ion:	122	Resp:	3555
Ion	Ratio	Lower	Upper
122	100		
107	121.7	93.0	139.6
121	61.6	46.6	70.0

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 07/22/2022

Supervised By :Jagrut Upadhyay 07/22/2022



#28

bis(2-Chloroethoxy)methane

Concen: 4.166 ng

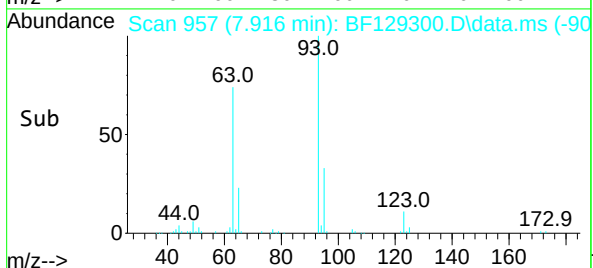
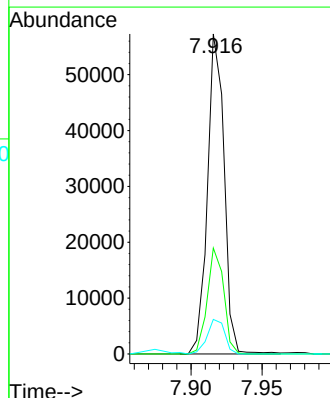
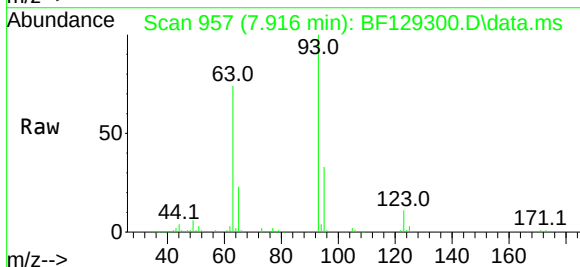
RT: 7.916 min Scan# 957

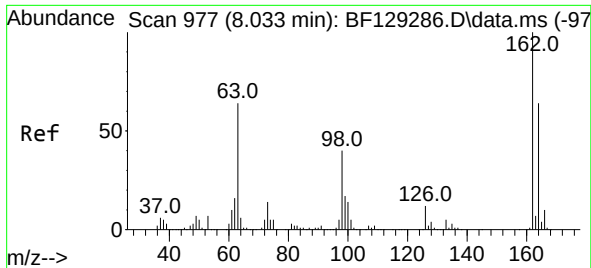
Delta R.T. -0.012 min

Lab File: BF129300.D

Acq: 21 Jul 2022 17:08

Tgt Ion:	93	Resp:	46908
Ion	Ratio	Lower	Upper
93	100		
95	33.1	26.8	40.2
123	10.8	9.2	13.8





#29

2,4-Dichlorophenol

Concen: 3.844 ng

RT: 8.027 min Scan# 91

Delta R.T. -0.006 min

Lab File: BF129300.D

Acq: 21 Jul 2022 17:08

Instrument :

BNA_F

ClientSampleId :

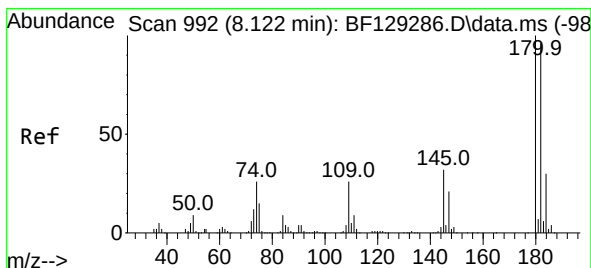
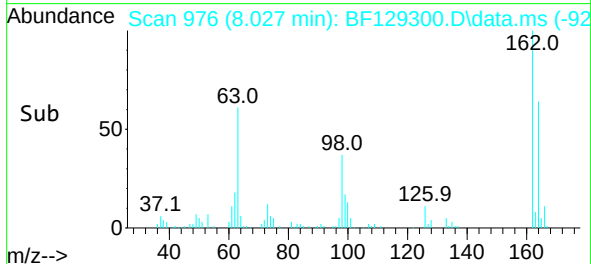
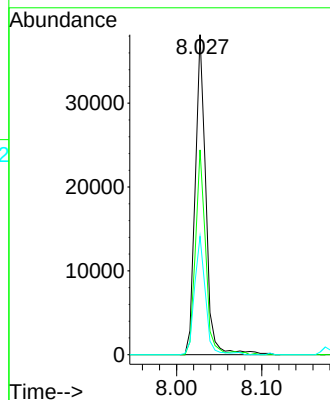
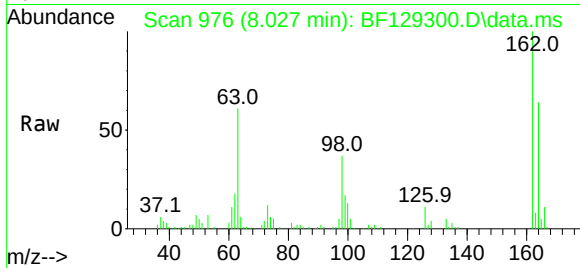
LOD-MDL-WATER-01-QT2-2022

Tgt Ion:162 Resp: 3308
 Ion Ratio Lower Upper
 162 100
 164 64.0 44.2 84.2
 98 37.0 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: 3.952 ng

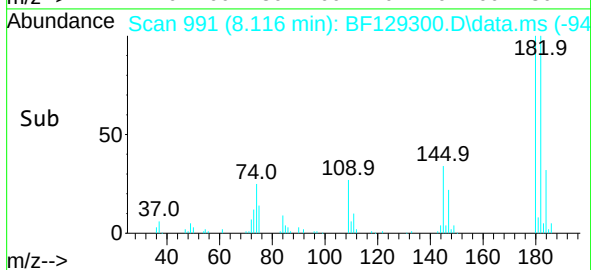
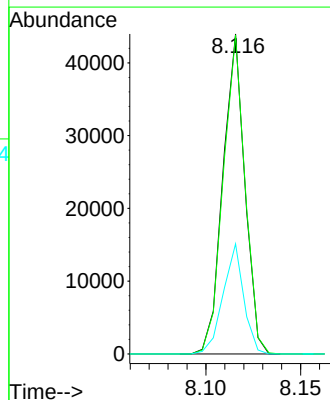
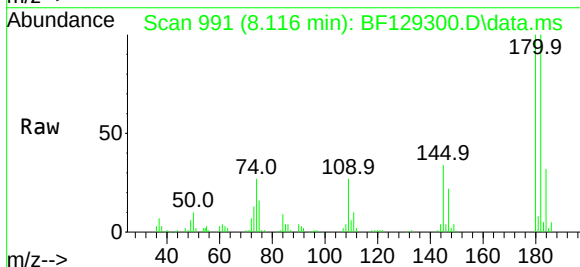
RT: 8.116 min Scan# 991

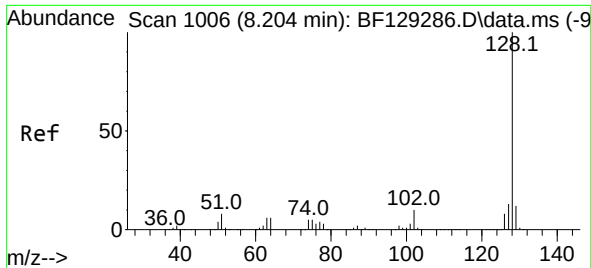
Delta R.T. -0.006 min

Lab File: BF129300.D

Acq: 21 Jul 2022 17:08

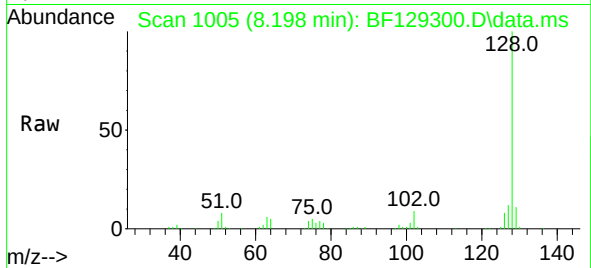
Tgt Ion:180 Resp: 35353
 Ion Ratio Lower Upper
 180 100
 182 99.7 79.2 118.8
 145 34.4 26.2 39.2





#31
Naphthalene
Concen: 4.059 ng
RT: 8.198 min Scan# 1006
Delta R.T. -0.006 min
Lab File: BF129300.D
Acq: 21 Jul 2022 17:08

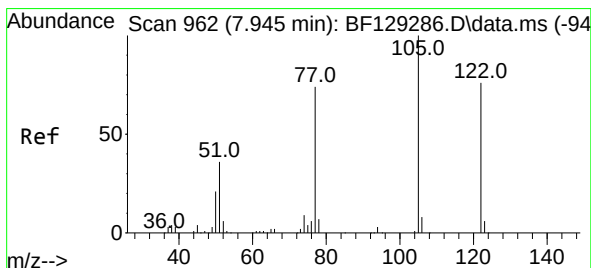
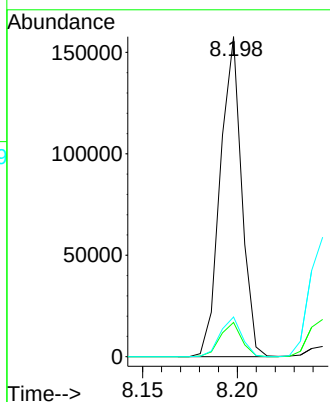
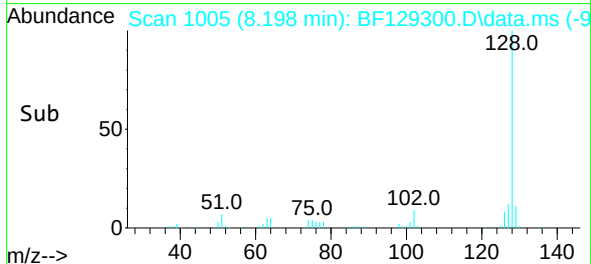
Instrument :
BNA_F
ClientSampleId :
LOD-MDL-WATER-01-QT2-2022



Tgt Ion:128 Resp: 123964
Ion Ratio Lower Upper
128 100
129 10.7 9.2 13.8
127 12.4 10.5 15.7

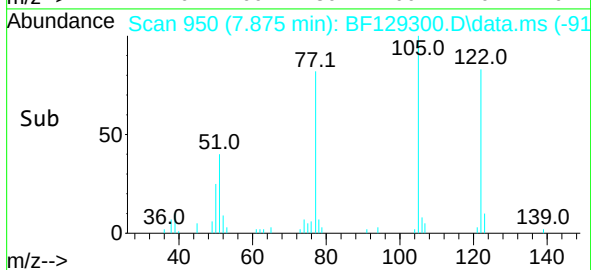
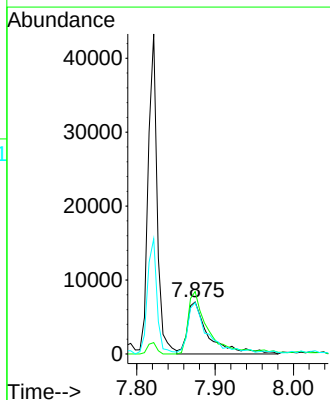
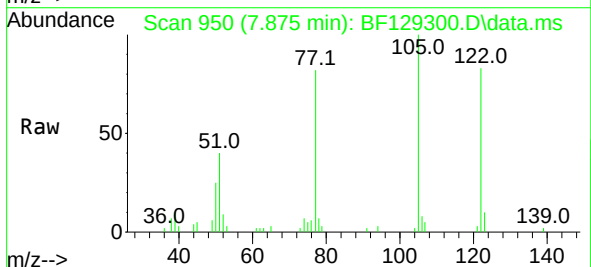
Manual Integrations
APPROVED

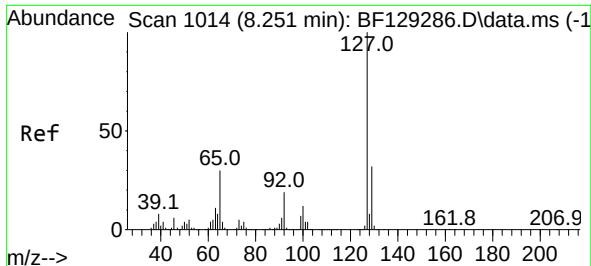
Reviewed By :Christian Giraldo 07/22/2022
Supervised By :Jagrut Upadhyay 07/22/2022



#32
Benzoic acid
Concen: 2.182 ng m
RT: 7.875 min Scan# 950
Delta R.T. -0.071 min
Lab File: BF129300.D
Acq: 21 Jul 2022 17:08

Tgt Ion:122 Resp: 13202
Ion Ratio Lower Upper
122 100
105 119.8 107.1 147.1
77 98.6 74.2 114.2





#33

4-Chloroaniline

Concen: 4.017 ng

RT: 8.245 min Scan# 1013

Delta R.T. -0.006 min

Lab File: BF129300.D

Acq: 21 Jul 2022 17:08

Instrument :

BNA_F

ClientSampleId :

LOD-MDL-WATER-01-QT2-2022

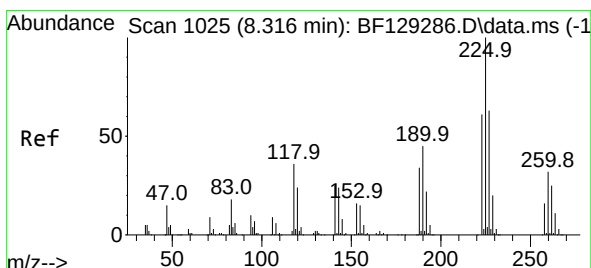
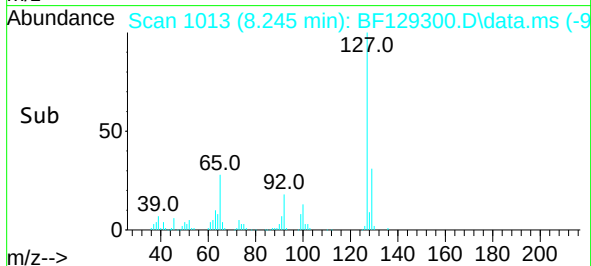
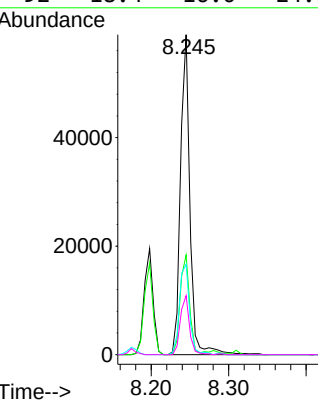
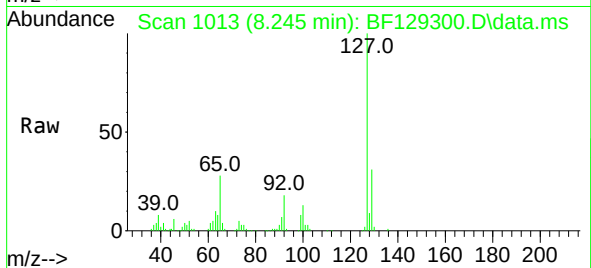
Tgt Ion:	127	Resp:	5004
Ion Ratio	Lower	Upper	
127	100		
129	31.2	26.4	39.6
65	28.2	26.4	39.6
92	18.4	16.0	24.0

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 07/22/2022

Supervised By :Jagrut Upadhyay 07/22/2022



#34

Hexachlorobutadiene

Concen: 4.227 ng

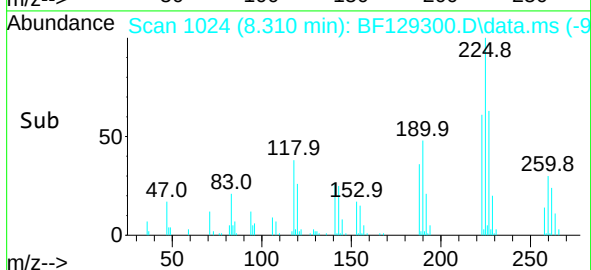
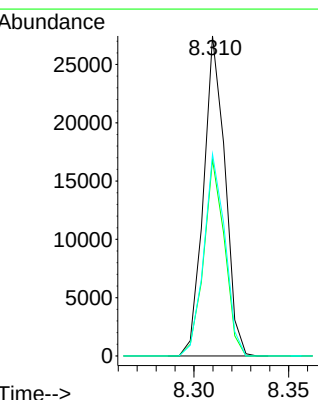
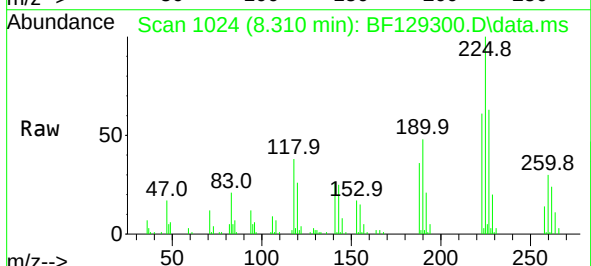
RT: 8.310 min Scan# 1024

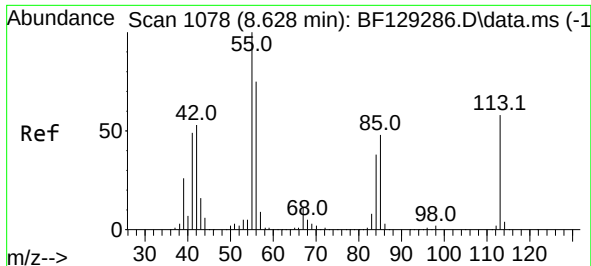
Delta R.T. -0.006 min

Lab File: BF129300.D

Acq: 21 Jul 2022 17:08

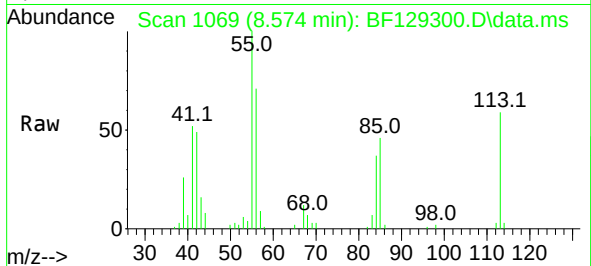
Tgt Ion:	225	Resp:	21617
Ion Ratio	Lower	Upper	
225	100		
223	61.4	51.0	76.6
227	63.1	51.1	76.7





#35
Caprolactam
Concen: 3.590 ng
RT: 8.574 min Scan# 1069
Delta R.T. -0.053 min
Lab File: BF129300.D
Acq: 21 Jul 2022 17:08

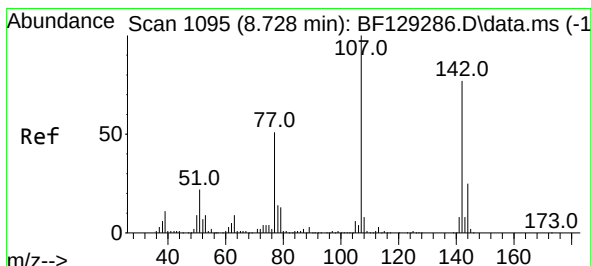
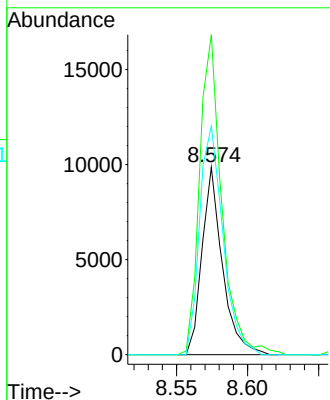
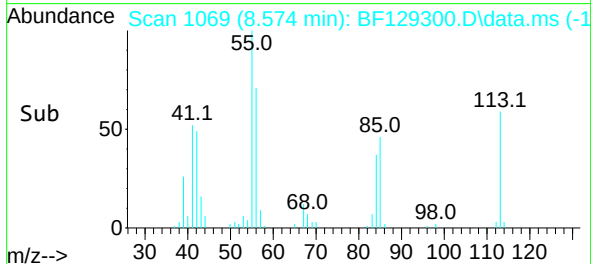
Instrument :
BNA_F
ClientSampleId :
LOD-MDL-WATER-01-QT2-2022



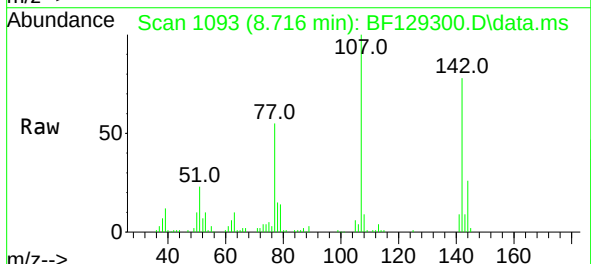
Tgt Ion:113 Resp: 9850
Ion Ratio Lower Upper
113 100
55 170.6 188.5 228.5
56 121.9 130.6 170.6

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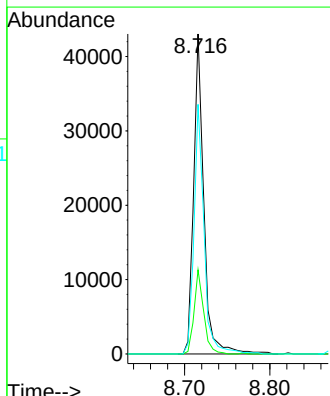
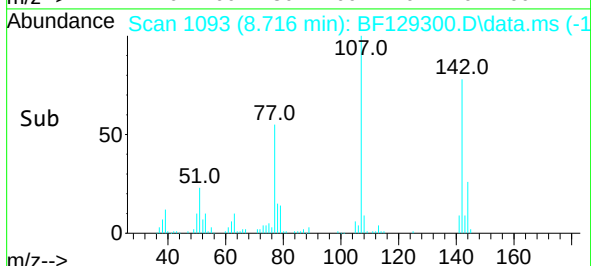
Reviewed By :Christian Giraldo 07/22/2022
Supervised By :Jagrut Upadhyay 07/22/2022

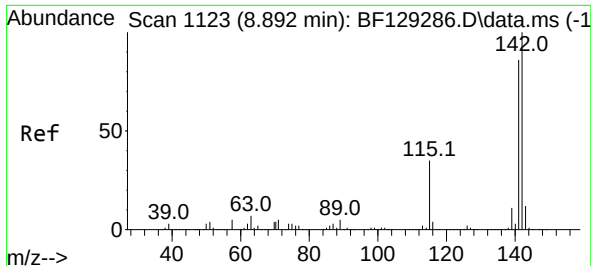


#36
4-Chloro-3-methylphenol
Concen: 3.907 ng
RT: 8.716 min Scan# 1093
Delta R.T. -0.012 min
Lab File: BF129300.D
Acq: 21 Jul 2022 17:08



Tgt Ion:107 Resp: 35729
Ion Ratio Lower Upper
107 100
144 26.3 19.5 29.3
142 78.0 58.2 87.4





#37

2-Methylnaphthalene

Concen: 4.051 ng

RT: 8.886 min Scan# 1122

Delta R.T. -0.006 min

Lab File: BF129300.D

Acq: 21 Jul 2022 17:08

Instrument :

BNA_F

ClientSampleId :

LOD-MDL-WATER-01-QT2-2022

Tgt Ion:142 Resp: 8018

Ion Ratio Lower Upper

142 100

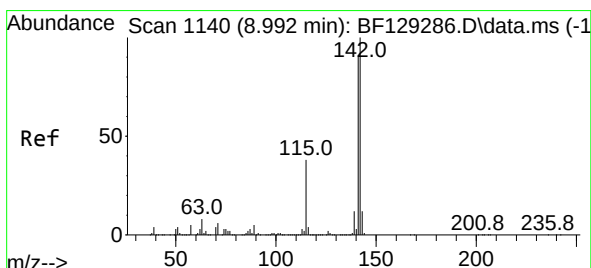
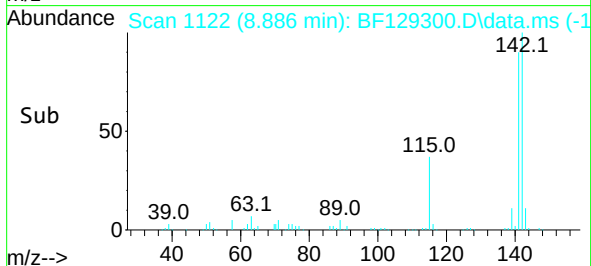
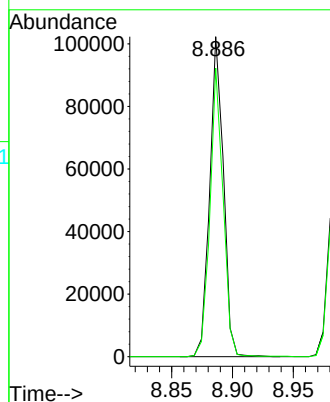
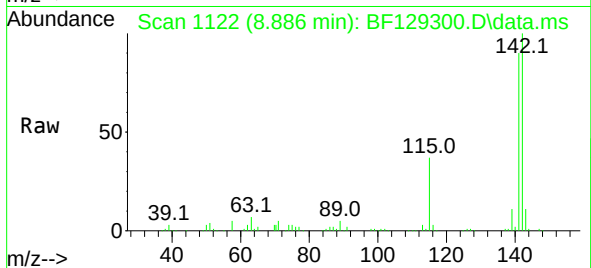
141 90.2 71.0 106.4

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 07/22/2022

Supervised By :Jagrut Upadhyay 07/22/2022



#38

1-Methylnaphthalene

Concen: 4.057 ng

RT: 8.986 min Scan# 1139

Delta R.T. -0.006 min

Lab File: BF129300.D

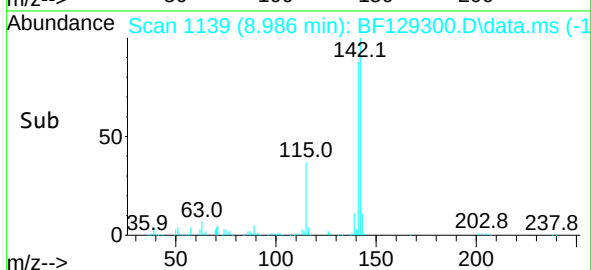
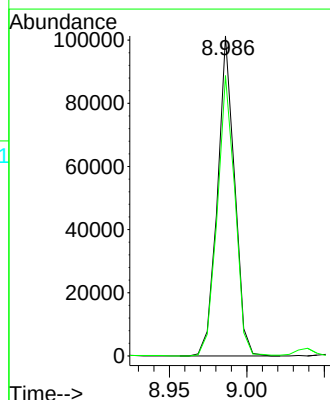
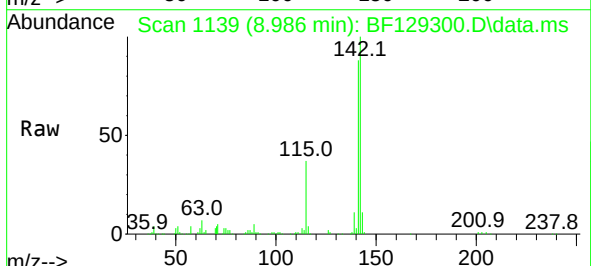
Acq: 21 Jul 2022 17:08

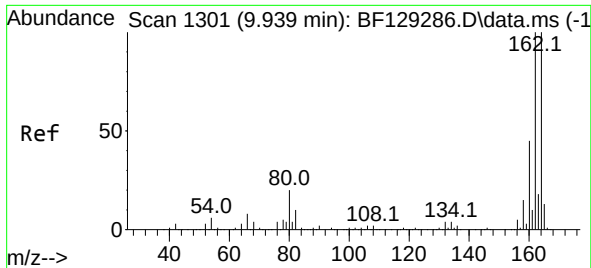
Tgt Ion:142 Resp: 77680

Ion Ratio Lower Upper

142 100

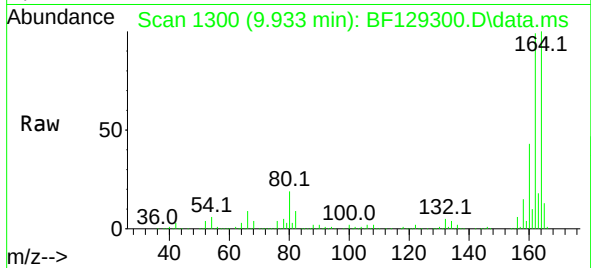
141 87.6 74.2 111.4





#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.933 min Scan# 1150
Delta R.T. -0.006 min
Lab File: BF129300.D
Acq: 21 Jul 2022 17:08

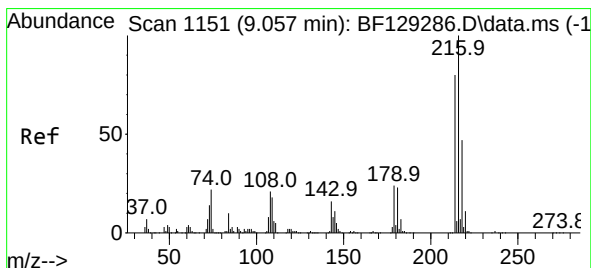
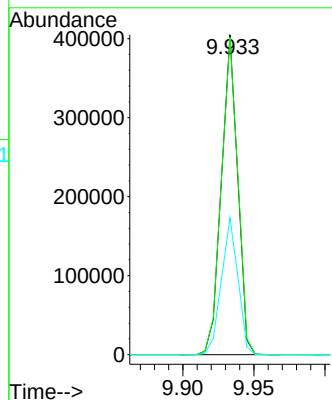
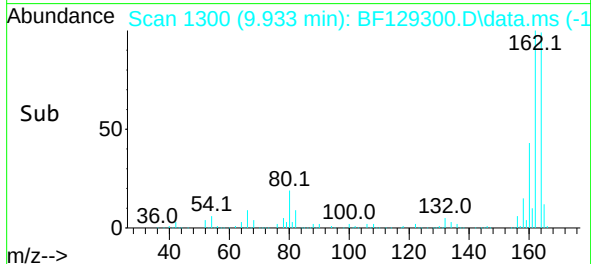
Instrument :
BNA_F
ClientSampleId :
LOD-MDL-WATER-01-QT2-2022



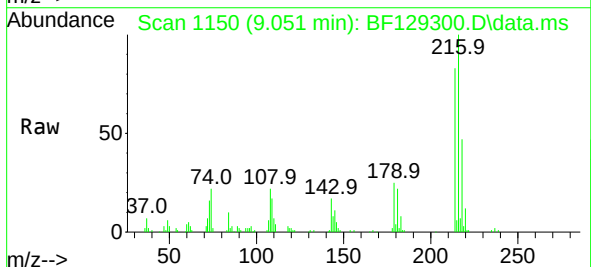
Tgt Ion:164 Resp: 321554
Ion Ratio Lower Upper
164 100
162 99.2 79.5 119.3
160 42.8 34.2 51.4

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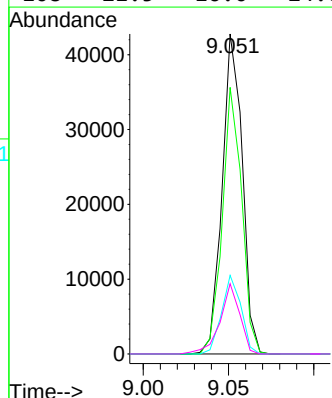
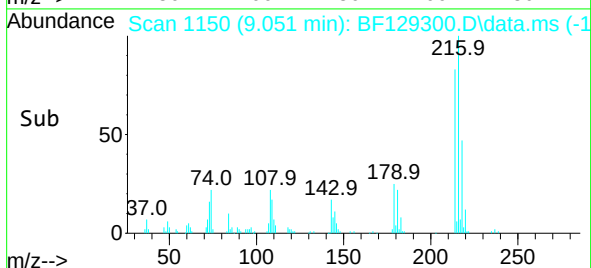
Reviewed By :Christian Giraldo 07/22/2022
Supervised By :Jagrut Upadhyay 07/22/2022

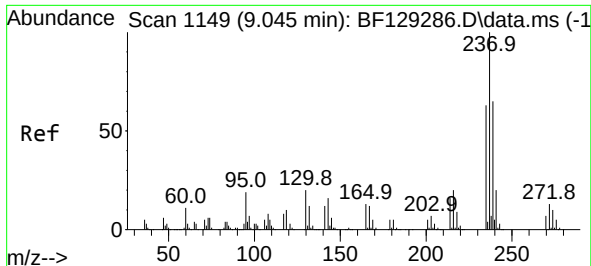


#40
1,2,4,5-Tetrachlorobenzene
Concen: 4.161 ng
RT: 9.051 min Scan# 1150
Delta R.T. -0.006 min
Lab File: BF129300.D
Acq: 21 Jul 2022 17:08



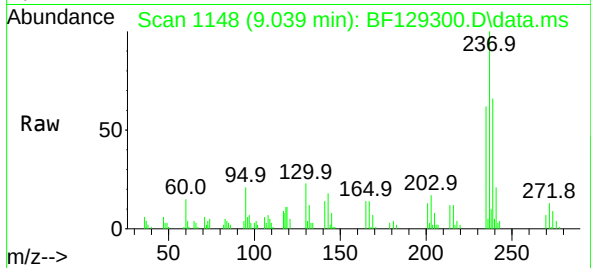
Tgt Ion:216 Resp: 35122
Ion Ratio Lower Upper
216 100
214 80.3 63.6 95.4
179 23.7 17.0 25.6
108 21.5 16.0 24.0





#41
Hexachlorocyclopentadiene
Concen: 3.435 ng
RT: 9.039 min Scan# 1148
Delta R.T. -0.006 min
Lab File: BF129300.D
Acq: 21 Jul 2022 17:08

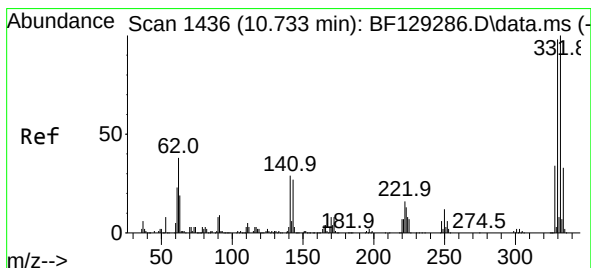
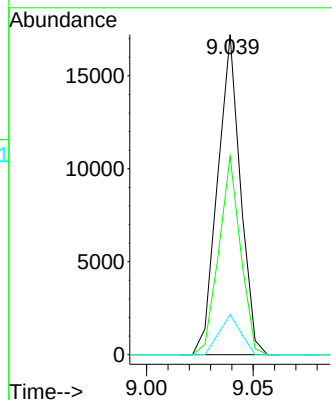
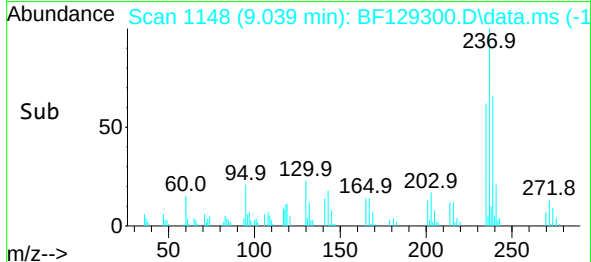
Instrument :
BNA_F
ClientSampleId :
LOD-MDL-WATER-01-QT2-2022



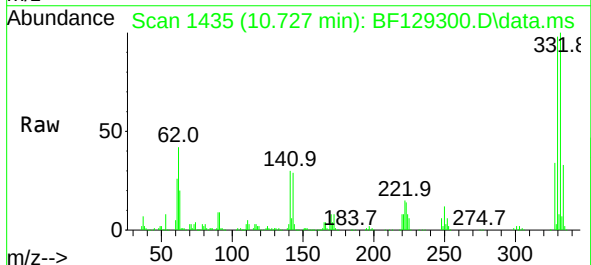
Tgt Ion:237 Resp: 1278
Ion Ratio Lower Upper
237 100
235 62.1 43.2 83.2
272 12.6 0.0 31.9

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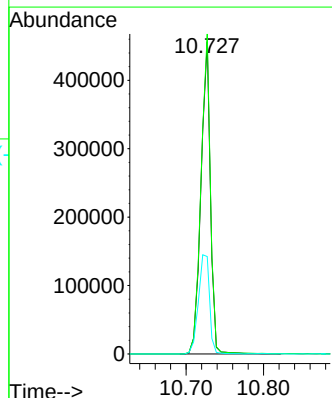
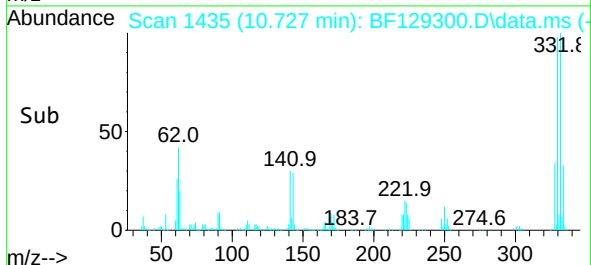
Reviewed By :Christian Giraldo 07/22/2022
Supervised By :Jagrut Upadhyay 07/22/2022

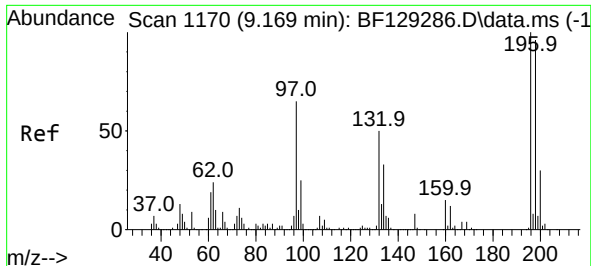


#42
2,4,6-Tribromophenol
Concen: 124.670 ng
RT: 10.727 min Scan# 1435
Delta R.T. -0.006 min
Lab File: BF129300.D
Acq: 21 Jul 2022 17:08



Tgt Ion:330 Resp: 386768
Ion Ratio Lower Upper
330 100
332 102.6 76.8 115.2
141 37.3 28.0 42.0





#43

2,4,6-Trichlorophenol

Concen: 3.659 ng

RT: 9.163 min Scan# 1169

Delta R.T. -0.006 min

Lab File: BF129300.D

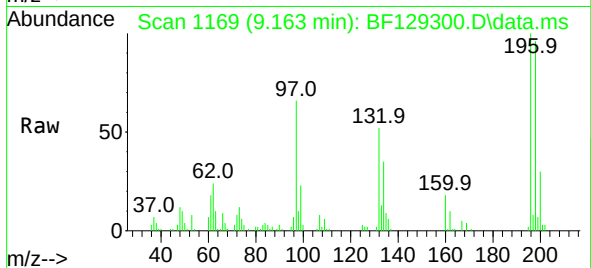
Acq: 21 Jul 2022 17:08

Instrument :

BNA_F

ClientSampleId :

LOD-MDL-WATER-01-QT2-2022



Tgt Ion:196 Resp: 2257

Ion Ratio Lower Upper

196 100

198 95.5 74.0 111.0

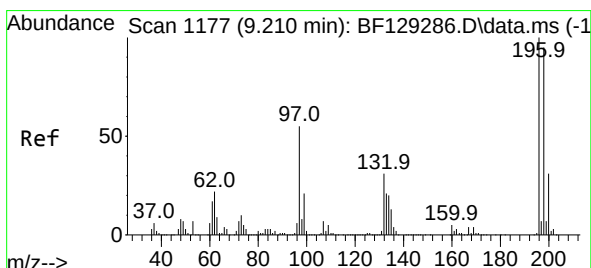
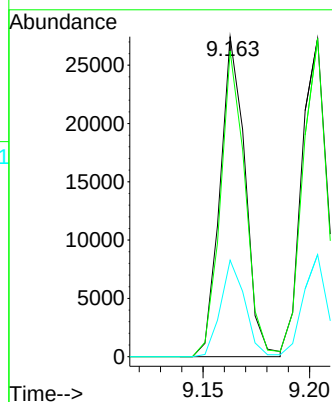
200 30.1 24.1 36.1

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 07/22/2022

Supervised By :Jagrut Upadhyay 07/22/2022



#44

2,4,5-Trichlorophenol

Concen: 3.623 ng

RT: 9.204 min Scan# 1176

Delta R.T. -0.006 min

Lab File: BF129300.D

Acq: 21 Jul 2022 17:08

Tgt Ion:196 Resp: 24248

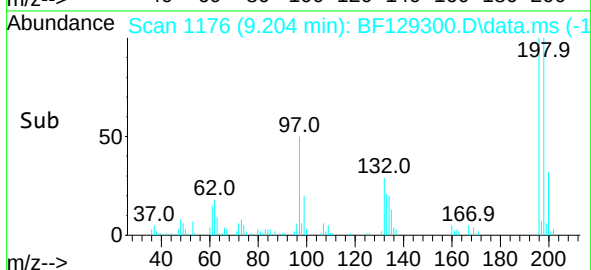
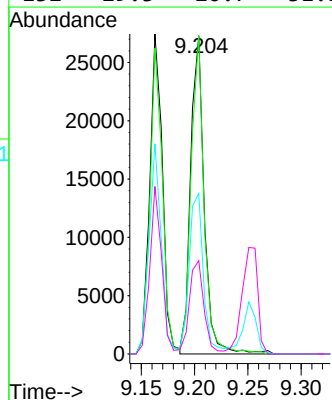
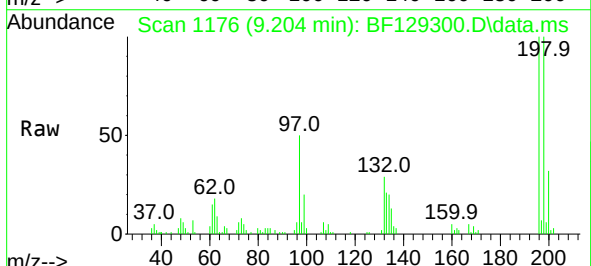
Ion Ratio Lower Upper

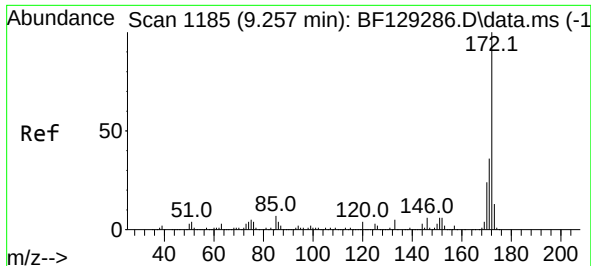
196 100

198 99.9 75.7 113.5

97 50.5 36.4 54.6

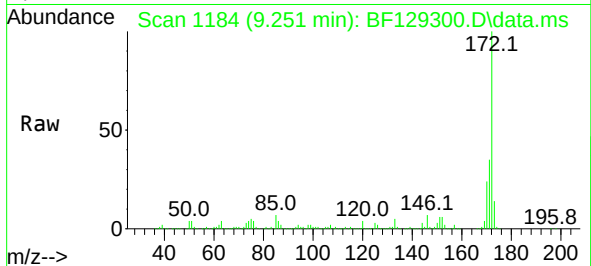
132 29.3 20.7 31.1





#45
2-Fluorobiphenyl
Concen: 82.787 ng
RT: 9.251 min Scan# 1184
Delta R.T. -0.006 min
Lab File: BF129300.D
Acq: 21 Jul 2022 17:08

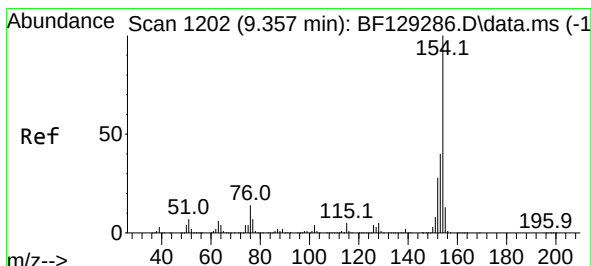
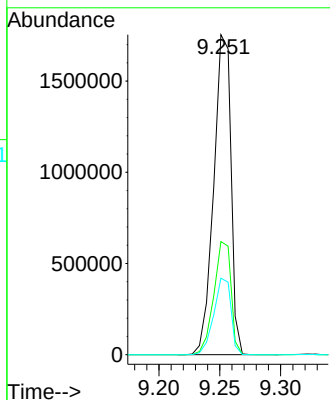
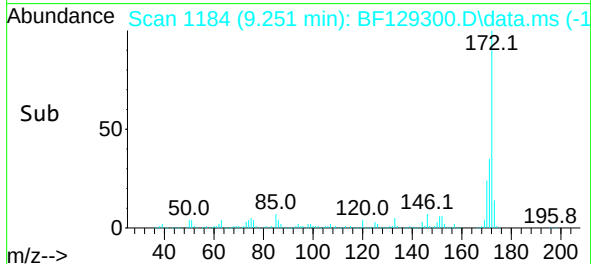
Instrument :
BNA_F
ClientSampleId :
LOD-MDL-WATER-01-QT2-2022



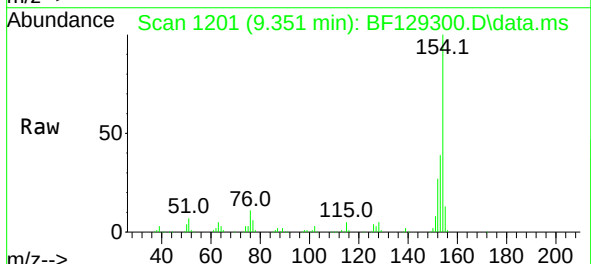
Tgt Ion:172 Resp: 1730459
Ion Ratio Lower Upper
172 100
171 35.3 28.8 43.2
170 23.9 19.8 29.8

Manual Integrations
APPROVED

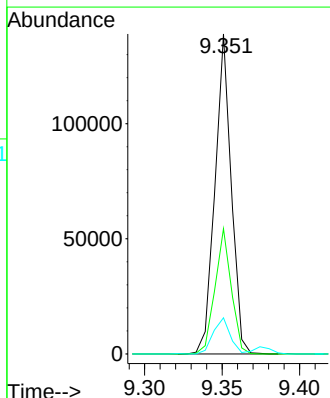
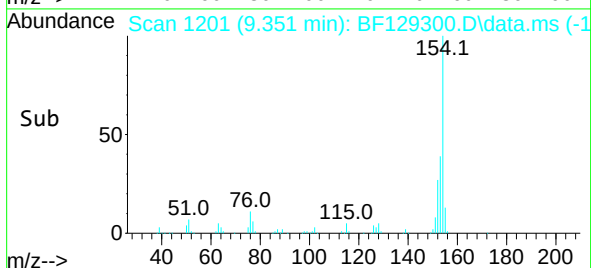
Reviewed By :Christian Giraldo 07/22/2022
Supervised By :Jagrut Upadhyay 07/22/2022

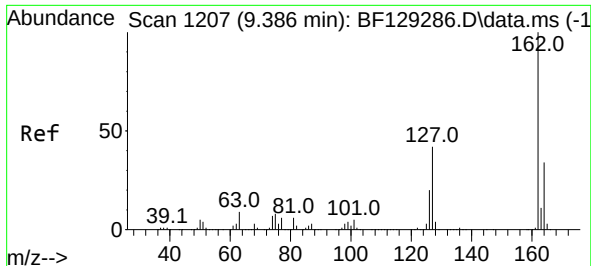


#46
1,1'-Biphenyl
Concen: 4.267 ng
RT: 9.351 min Scan# 1201
Delta R.T. -0.006 min
Lab File: BF129300.D
Acq: 21 Jul 2022 17:08



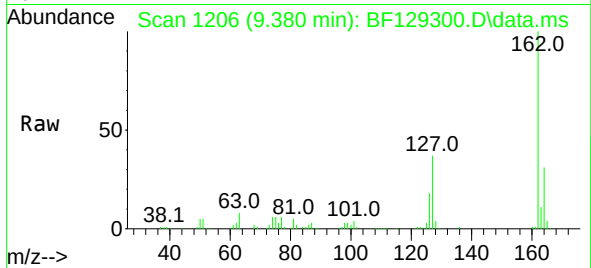
Tgt Ion:154 Resp: 101398
Ion Ratio Lower Upper
154 100
153 39.1 20.6 60.6
76 11.3 0.0 33.3





#47
2-Chloronaphthalene
Concen: 4.040 ng
RT: 9.380 min Scan# 1207
Delta R.T. -0.006 min
Lab File: BF129300.D
Acq: 21 Jul 2022 17:08

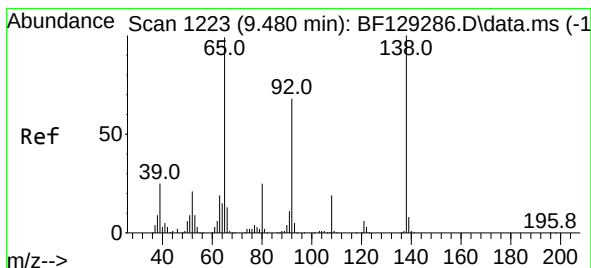
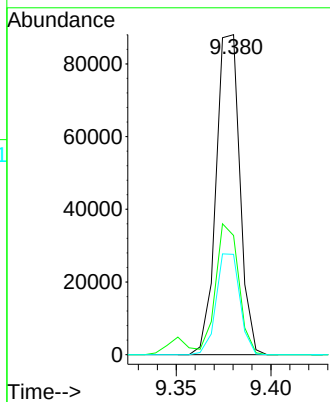
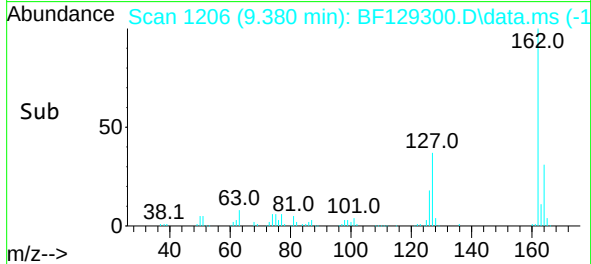
Instrument : BNA_F
ClientSampleId : LOD-MDL-WATER-01-QT2-2022



Tgt Ion:162 Resp: 76884
Ion Ratio Lower Upper
162 100
127 37.3 34.5 51.7
164 31.3 26.5 39.7

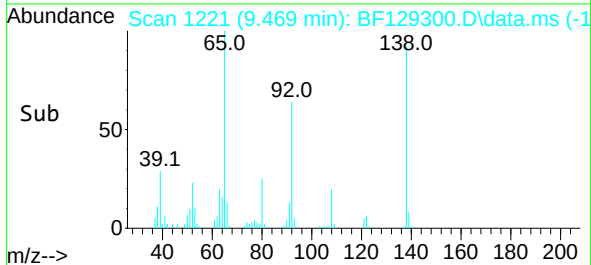
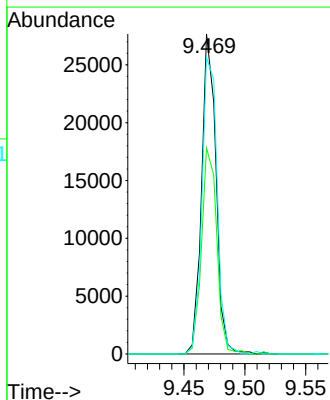
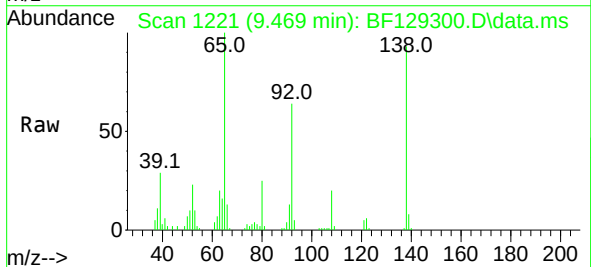
Manual Integrations
APPROVED

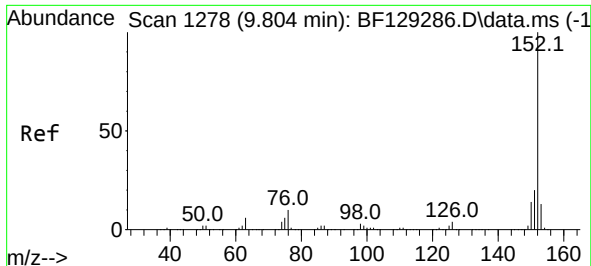
Reviewed By :Christian Giraldo 07/22/2022
Supervised By :Jagrut Upadhyay 07/22/2022



#48
2-Nitroaniline
Concen: 3.570 ng
RT: 9.469 min Scan# 1221
Delta R.T. -0.012 min
Lab File: BF129300.D
Acq: 21 Jul 2022 17:08

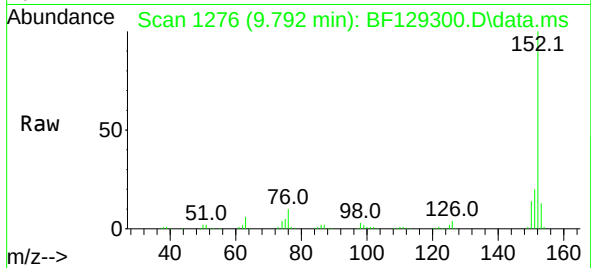
Tgt Ion: 65 Resp: 22820
Ion Ratio Lower Upper
65 100
92 64.4 51.9 77.9
138 92.7 76.4 114.6





#49
Acenaphthylene
Concen: 4.163 ng
RT: 9.792 min Scan# 12167
Delta R.T. -0.012 min
Lab File: BF129300.D
Acq: 21 Jul 2022 17:08

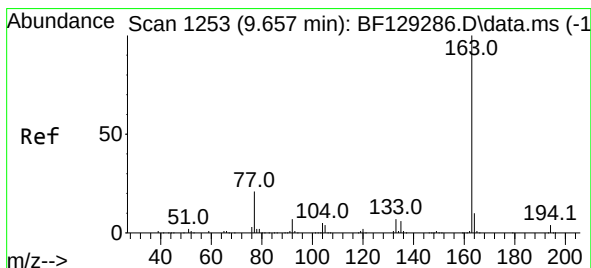
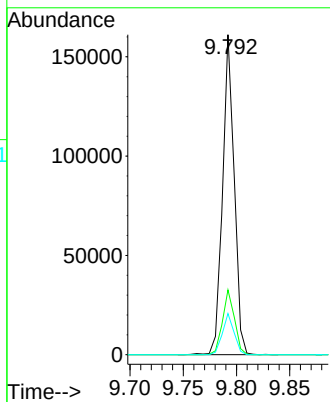
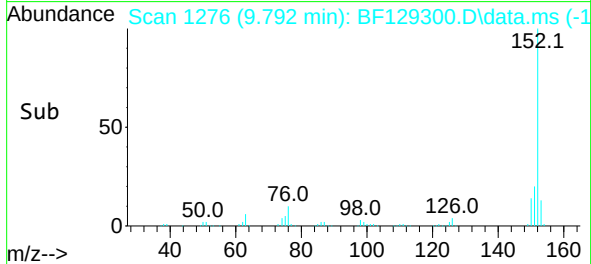
Instrument : BNA_F
ClientSampleId :
LOD-MDL-WATER-01-QT2-2022



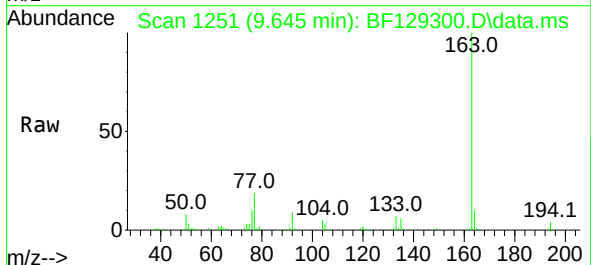
Tgt Ion:152 Resp: 12167
Ion Ratio Lower Upper
152 100
151 20.3 16.2 24.4
153 12.9 10.7 16.1

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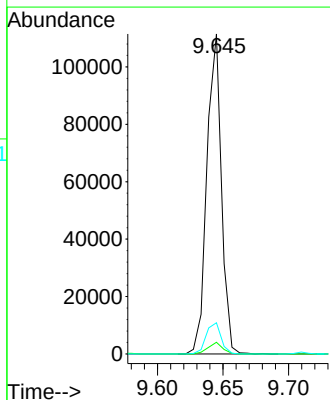
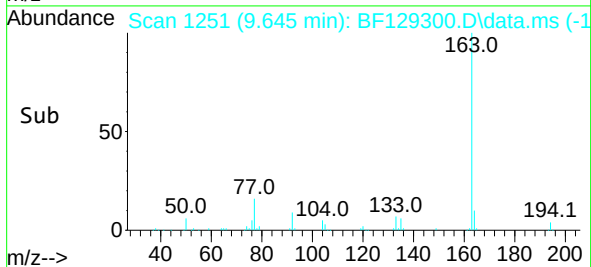
Reviewed By :Christian Giraldo 07/22/2022
Supervised By :Jagrut Upadhyay 07/22/2022

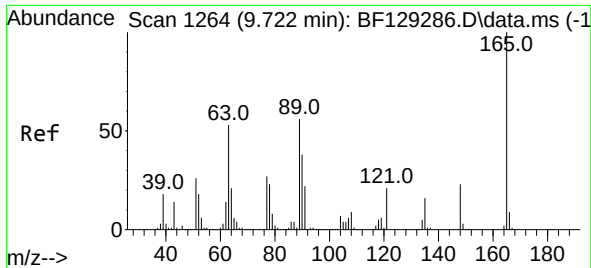


#50
Dimethylphthalate
Concen: 3.899 ng
RT: 9.645 min Scan# 1251
Delta R.T. -0.012 min
Lab File: BF129300.D
Acq: 21 Jul 2022 17:08



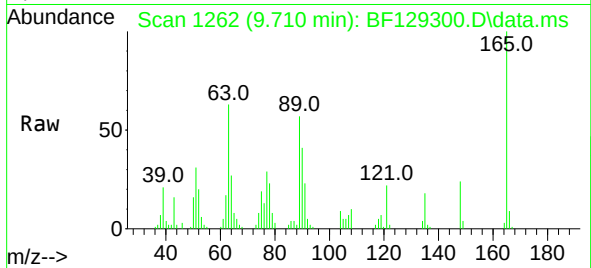
Tgt Ion:163 Resp: 86135
Ion Ratio Lower Upper
163 100
194 3.6 3.2 4.8
164 9.8 8.2 12.2





#51
2,6-Dinitrotoluene
Concen: 3.761 ng
RT: 9.710 min Scan# 11
Delta R.T. -0.012 min
Lab File: BF129300.D
Acq: 21 Jul 2022 17:08

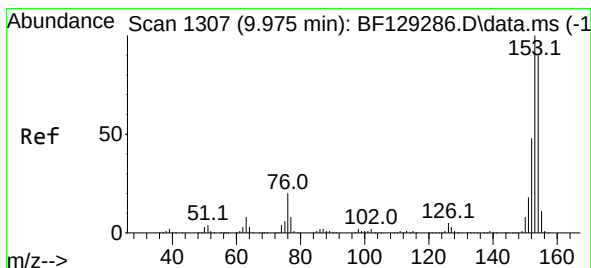
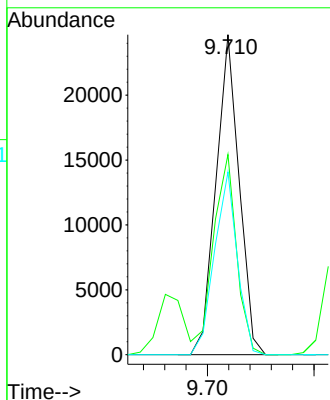
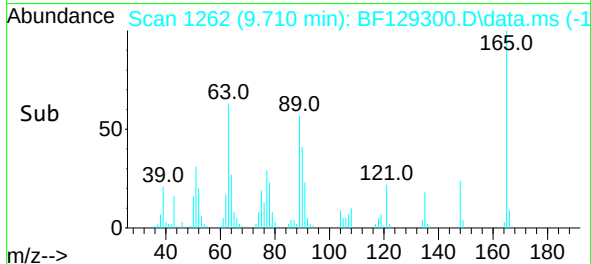
Instrument : BNA_F
ClientSampleId : LOD-MDL-WATER-01-QT2-2022



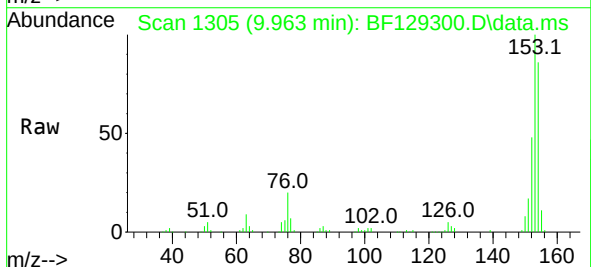
Tgt Ion:165 Resp: 1860
Ion Ratio Lower Upper
165 100
63 62.6 44.9 67.3
89 57.1 43.6 65.4

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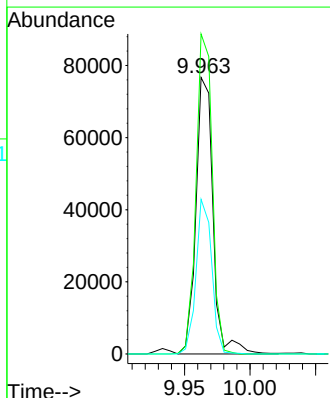
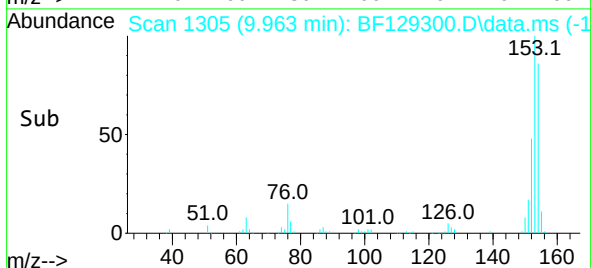
Reviewed By :Christian Giraldo 07/22/2022
Supervised By :Jagrut Upadhyay 07/22/2022

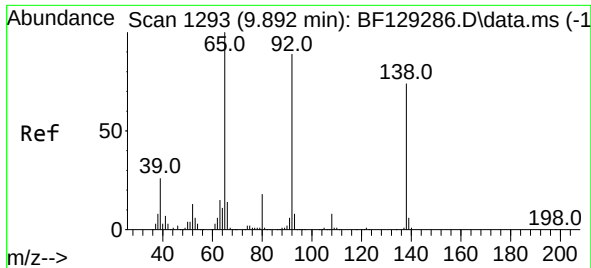


#52
Acenaphthene
Concen: 3.682 ng
RT: 9.963 min Scan# 1305
Delta R.T. -0.012 min
Lab File: BF129300.D
Acq: 21 Jul 2022 17:08



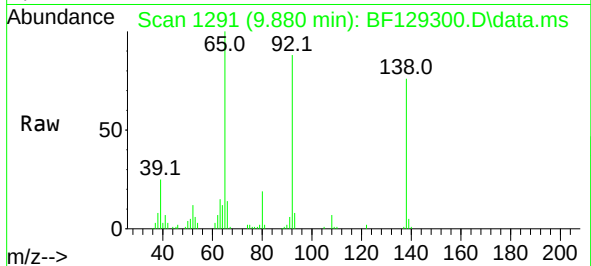
Tgt Ion:154 Resp: 69844
Ion Ratio Lower Upper
154 100
153 115.7 89.6 134.4
152 55.9 42.4 63.6





#53
3-Nitroaniline
Concen: 3.464 ng
RT: 9.880 min Scan# 1109
Delta R.T. -0.012 min
Lab File: BF129300.D
Acq: 21 Jul 2022 17:08

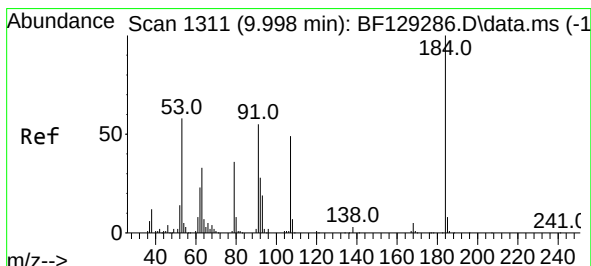
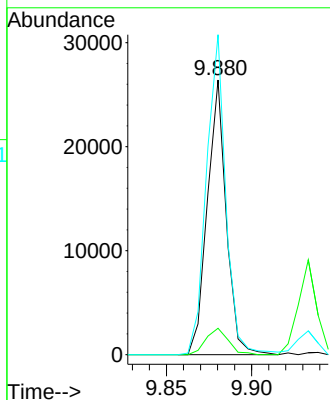
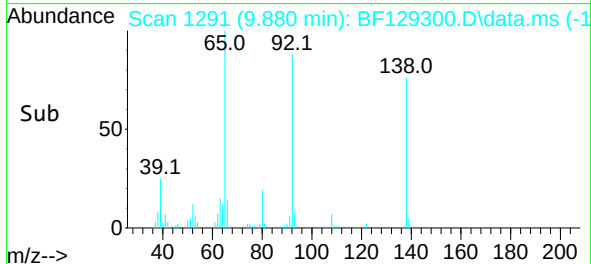
Instrument : BNA_F
ClientSampleId :
LOD-MDL-WATER-01-QT2-2022



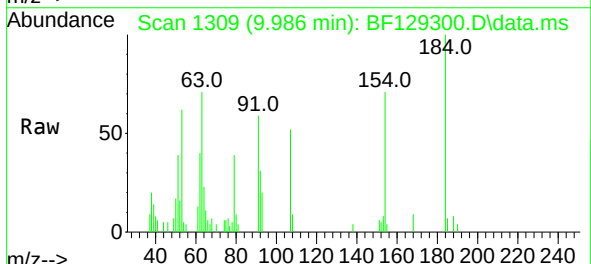
Tgt Ion:138 Resp: 20380
Ion Ratio Lower Upper
138 100
108 9.6 10.9 16.3
92 116.5 98.2 147.2

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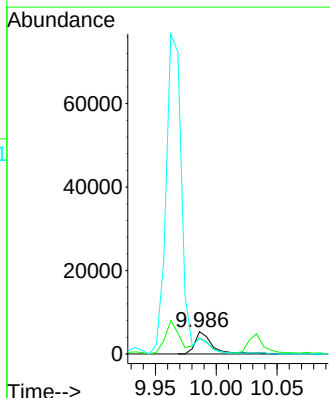
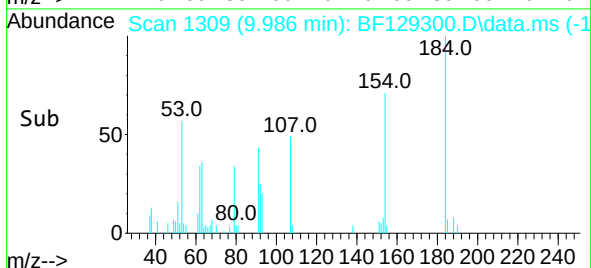
Reviewed By :Christian Giraldo 07/22/2022
Supervised By :Jagrut Upadhyay 07/22/2022

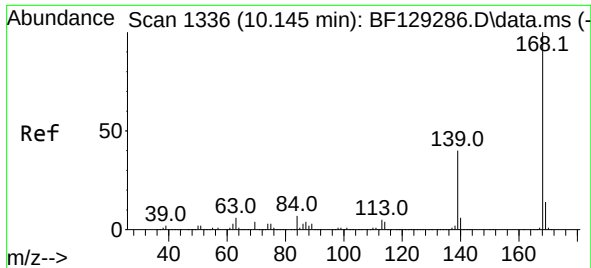


#54
2,4-Dinitrophenol
Concen: 2.070 ng
RT: 9.986 min Scan# 1309
Delta R.T. -0.012 min
Lab File: BF129300.D
Acq: 21 Jul 2022 17:08



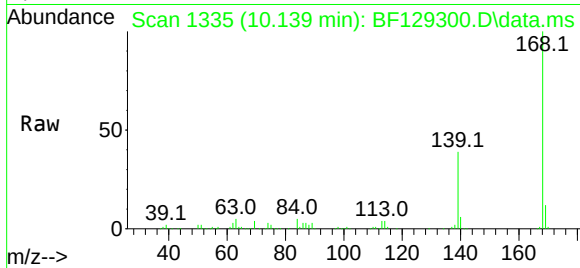
Tgt Ion:184 Resp: 5182
Ion Ratio Lower Upper
184 100
63 71.4 64.5 96.7
154 71.3 50.6 75.8





#55
Dibenzofuran
Concen: 4.075 ng
RT: 10.139 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF129300.D
Acq: 21 Jul 2022 17:08

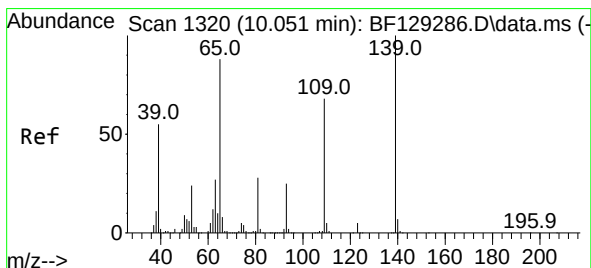
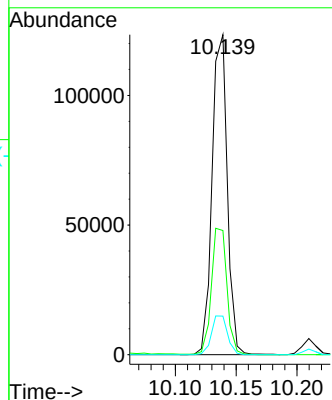
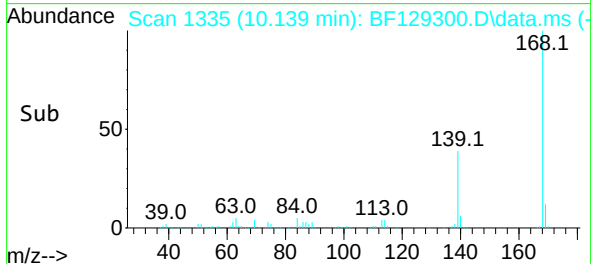
Instrument :
BNA_F
ClientSampleId :
LOD-MDL-WATER-01-QT2-2022



Tgt Ion:168 Resp: 10741
Ion Ratio Lower Upper
168 100
139 38.8 30.6 46.0
169 12.0 11.0 16.6

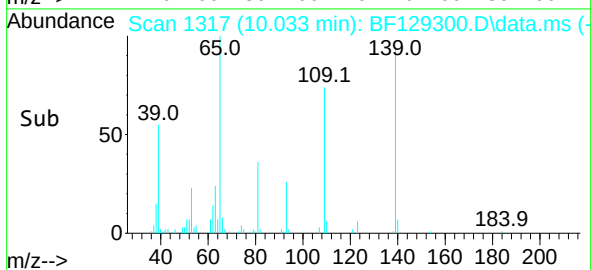
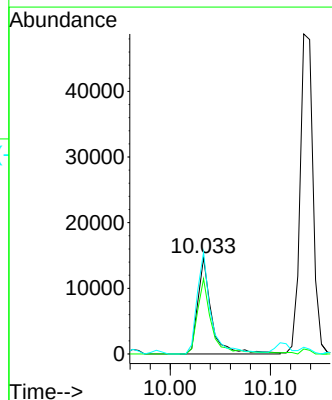
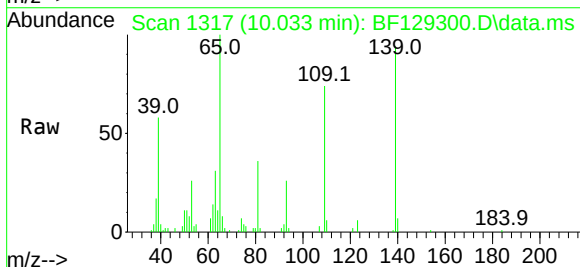
Manual Integrations
APPROVED

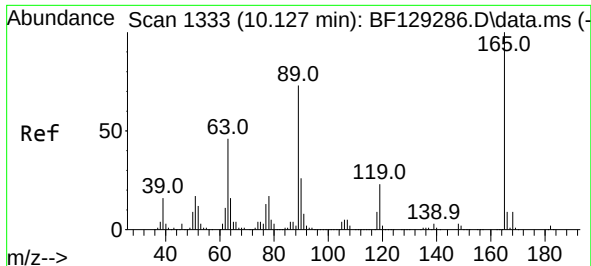
Reviewed By :Christian Giraldo 07/22/2022
Supervised By :Jagrut Upadhyay 07/22/2022



#56
4-Nitrophenol
Concen: 3.251 ng
RT: 10.033 min Scan# 1317
Delta R.T. -0.018 min
Lab File: BF129300.D
Acq: 21 Jul 2022 17:08

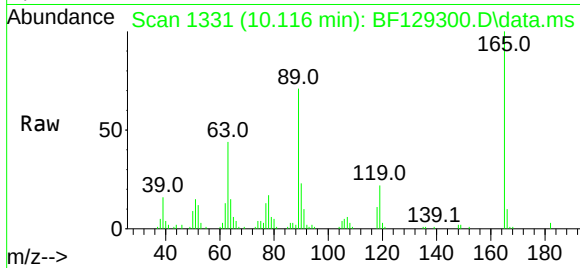
Tgt Ion:139 Resp: 13973
Ion Ratio Lower Upper
139 100
109 78.2 50.7 90.7
65 105.9 74.5 114.5





#57
2,4-Dinitrotoluene
Concen: 3.571 ng
RT: 10.116 min Scan# 11
Delta R.T. -0.012 min
Lab File: BF129300.D
Acq: 21 Jul 2022 17:08

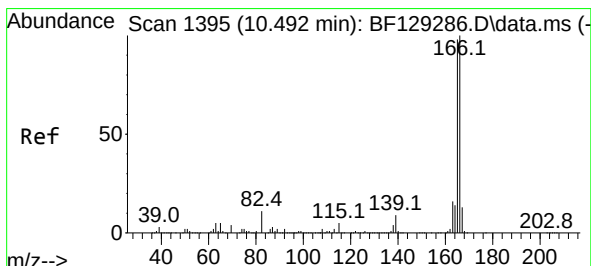
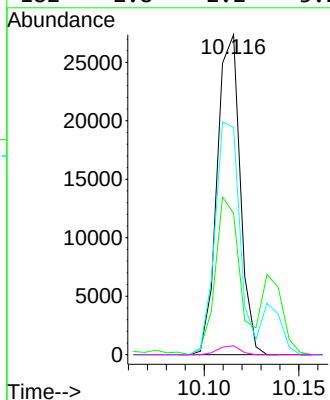
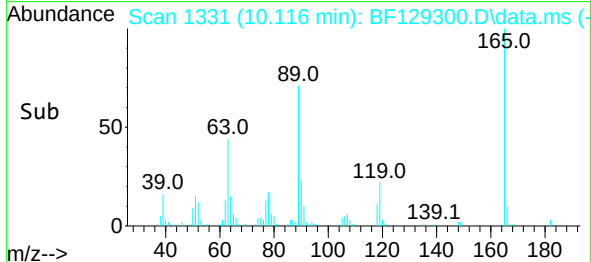
Instrument :
BNA_F
ClientSampleId :
LOD-MDL-WATER-01-QT2-2022



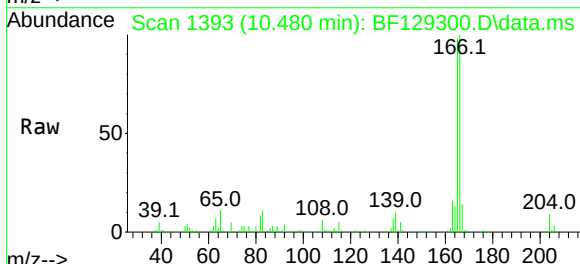
Tgt Ion:165 Resp: 2315
Ion Ratio Lower Upper
165 100
63 44.2 39.8 59.6
89 71.1 60.2 90.2
182 2.8 2.2 3.2

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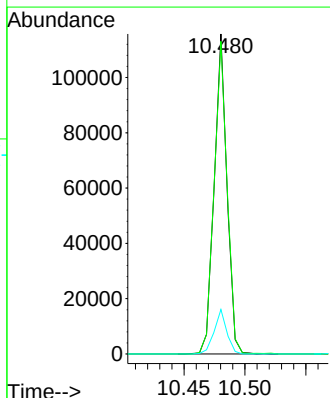
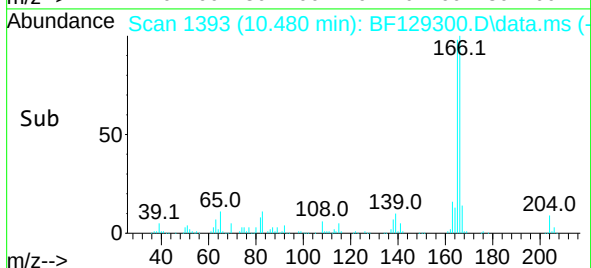
Reviewed By :Christian Giraldo 07/22/2022
Supervised By :Jagrut Upadhyay 07/22/2022

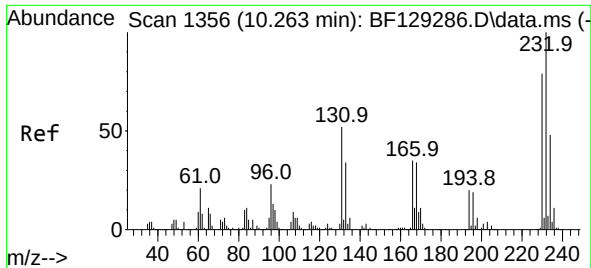


#58
Fluorene
Concen: 3.991 ng
RT: 10.480 min Scan# 1393
Delta R.T. -0.012 min
Lab File: BF129300.D
Acq: 21 Jul 2022 17:08



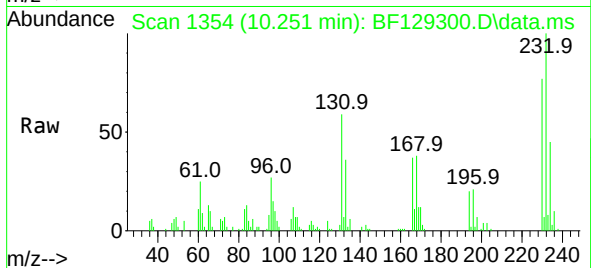
Tgt Ion:166 Resp: 83969
Ion Ratio Lower Upper
166 100
165 97.7 78.1 117.1
167 13.9 10.5 15.7





#59
2,3,4,6-Tetrachlorophenol
Concen: 3.504 ng m
RT: 10.251 min Scan# 1354
Delta R.T. -0.012 min
Lab File: BF129300.D
Acq: 21 Jul 2022 17:08

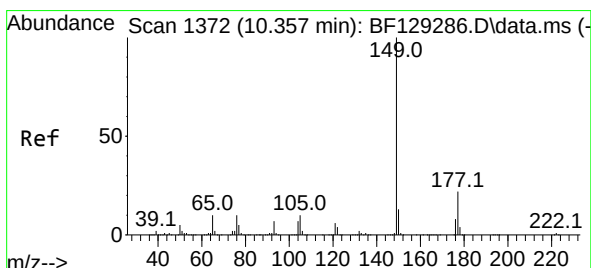
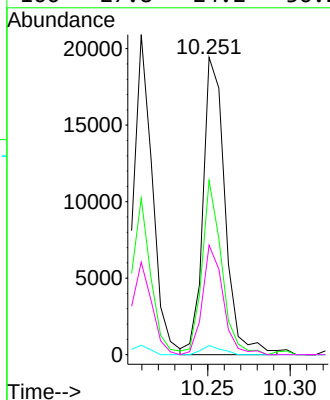
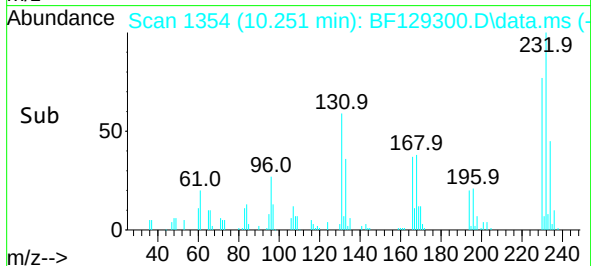
Instrument :
BNA_F
ClientSampleId :
LOD-MDL-WATER-01-QT2-2022



Tgt Ion:232 Resp: 18079
Ion Ratio Lower Upper
232 100
131 45.1 36.1 54.1
130 2.5 1.8 2.8
166 27.8 24.2 36.2

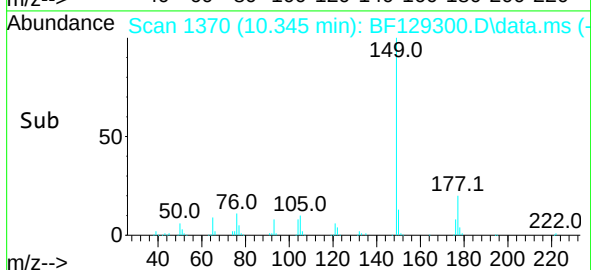
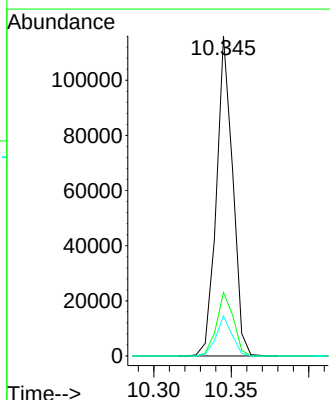
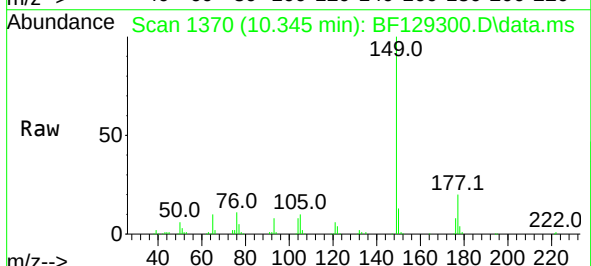
Manual Integrations
APPROVED

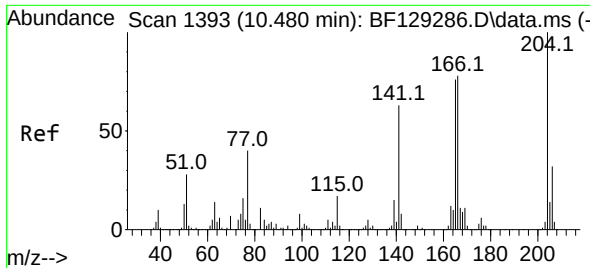
Reviewed By :Christian Giraldo 07/22/2022
Supervised By :Jagrut Upadhyay 07/22/2022



#60
Diethylphthalate
Concen: 3.978 ng
RT: 10.345 min Scan# 1370
Delta R.T. -0.012 min
Lab File: BF129300.D
Acq: 21 Jul 2022 17:08

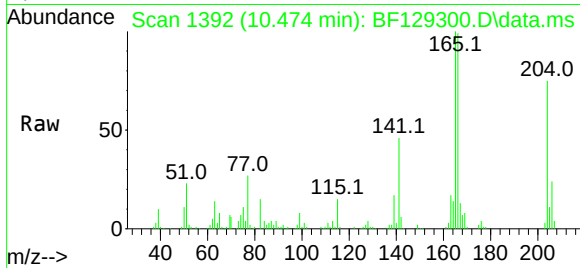
Tgt Ion:149 Resp: 84554
Ion Ratio Lower Upper
149 100
177 19.8 17.3 25.9
150 12.5 10.2 15.2





#61
4-Chlorophenyl-phenylether
Concen: 4.160 ng
RT: 10.474 min Scan# 1392
Delta R.T. -0.006 min
Lab File: BF129300.D
Acq: 21 Jul 2022 17:08

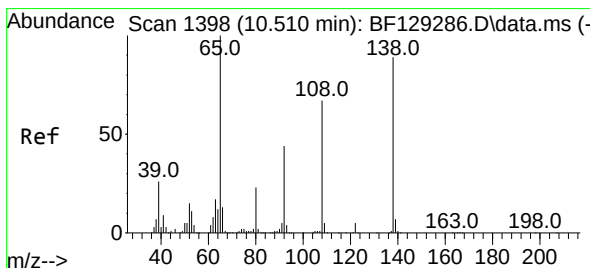
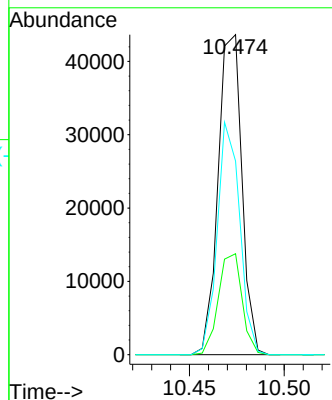
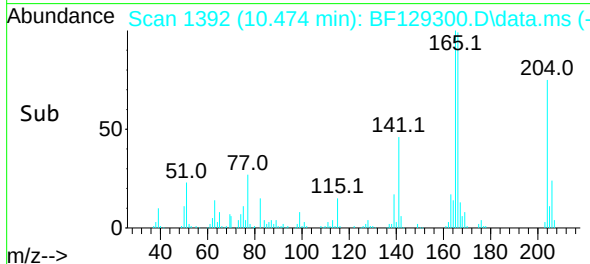
Instrument : BNA_F
ClientSampleId : LOD-MDL-WATER-01-QT2-2022



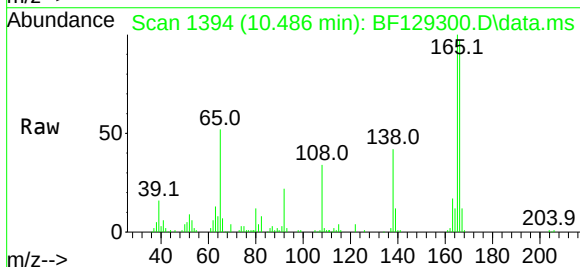
Tgt Ion:204 Resp: 3829
Ion Ratio Lower Upper
204 100
206 31.6 25.8 38.6
141 60.5 47.0 70.4

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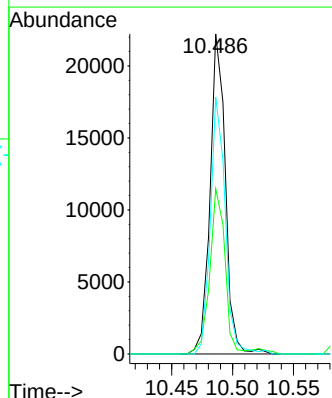
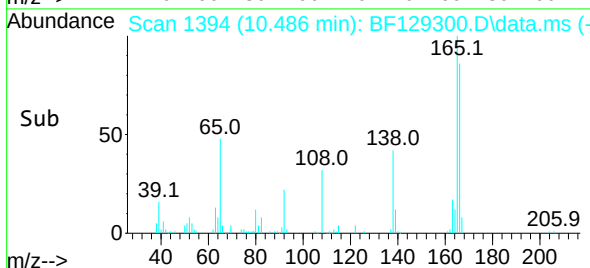
Reviewed By :Christian Giraldo 07/22/2022
Supervised By :Jagrut Upadhyay 07/22/2022

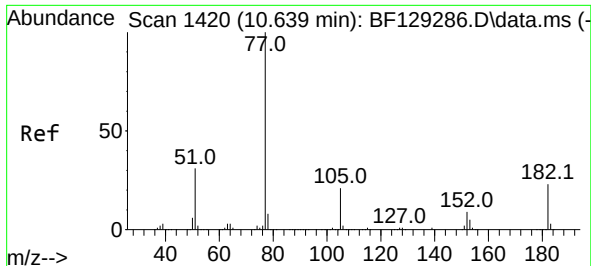


#62
4-Nitroaniline
Concen: 3.339 ng
RT: 10.486 min Scan# 1394
Delta R.T. -0.024 min
Lab File: BF129300.D
Acq: 21 Jul 2022 17:08



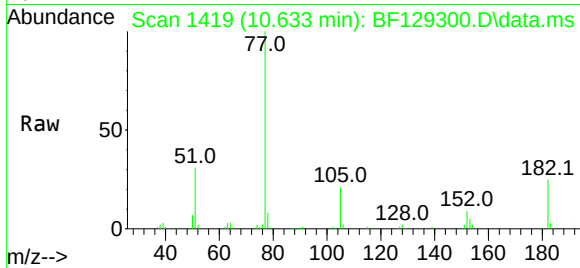
Tgt Ion:138 Resp: 19413
Ion Ratio Lower Upper
138 100
92 51.6 33.5 73.5
108 80.3 61.0 101.0





#63
Azobenzene
Concen: 3.816 ng
RT: 10.633 min Scan# 1419
Delta R.T. -0.006 min
Lab File: BF129300.D
Acq: 21 Jul 2022 17:08

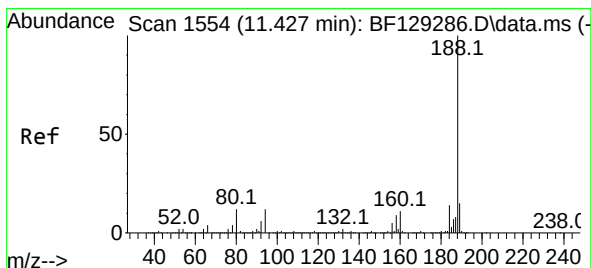
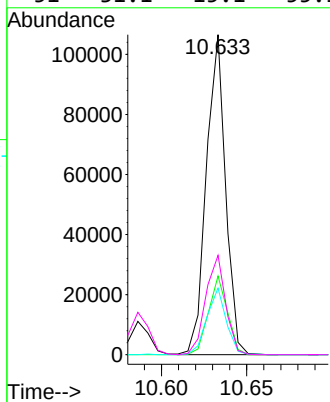
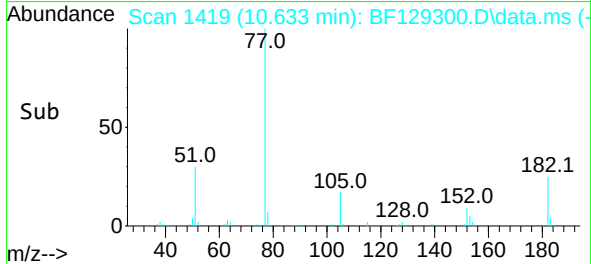
Instrument : BNA_F
ClientSampleId : LOD-MDL-WATER-01-QT2-2022



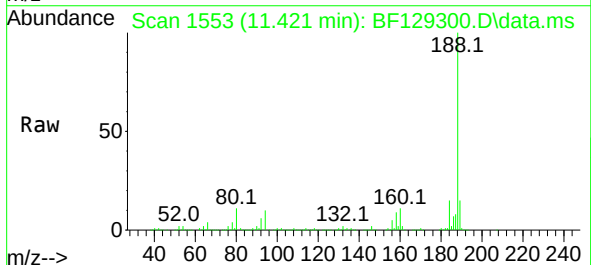
Tgt Ion: 77 Resp: 83910
Ion Ratio Lower Upper
77 100
182 24.6 5.6 45.6
105 20.8 1.6 41.6
51 31.1 15.1 55.1

Manual Integrations
APPROVED

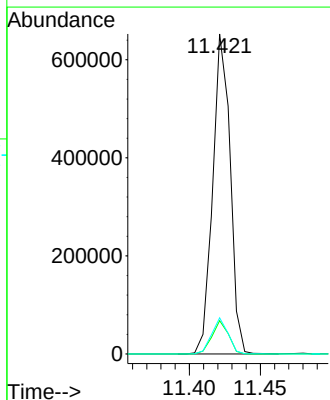
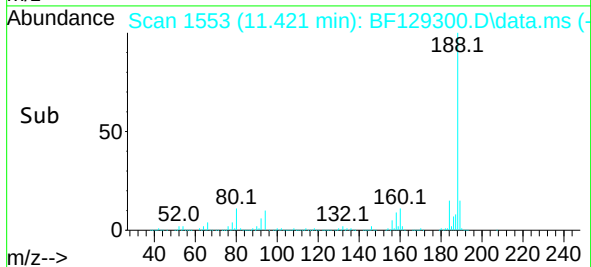
Reviewed By :Christian Giraldo 07/22/2022
Supervised By :Jagrut Upadhyay 07/22/2022

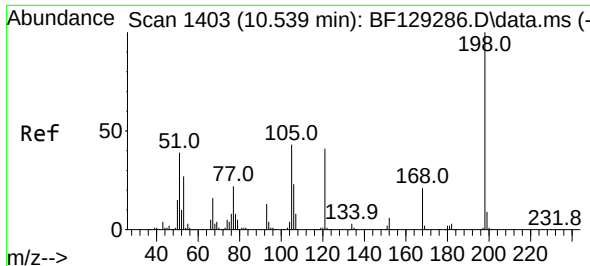


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.421 min Scan# 1553
Delta R.T. -0.006 min
Lab File: BF129300.D
Acq: 21 Jul 2022 17:08



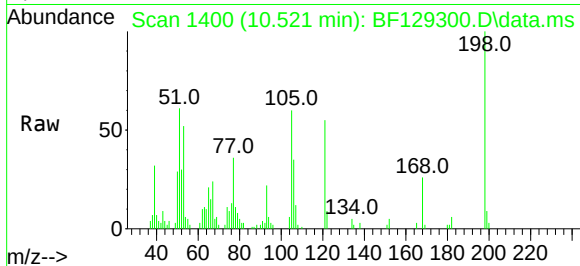
Tgt Ion:188 Resp: 556367
Ion Ratio Lower Upper
188 100
94 10.4 7.0 10.6
80 11.3 7.6 11.4





#65
4,6-Dinitro-2-methylphenol
Concen: 2.710 ng
RT: 10.521 min Scan# 1410
Delta R.T. -0.018 min
Lab File: BF129300.D
Acq: 21 Jul 2022 17:08

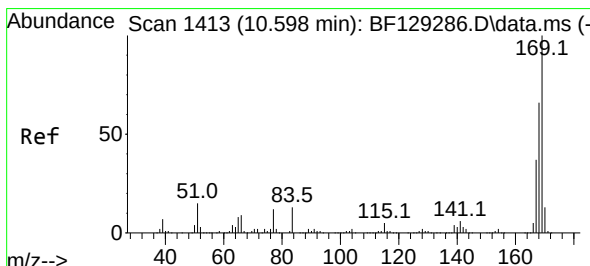
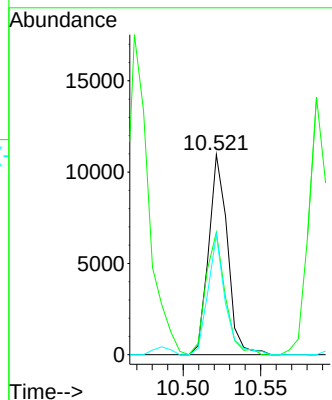
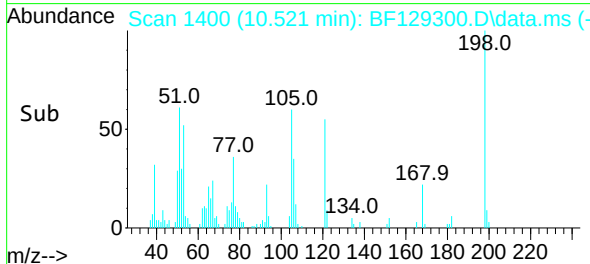
Instrument :
BNA_F
ClientSampleId :
LOD-MDL-WATER-01-QT2-2022



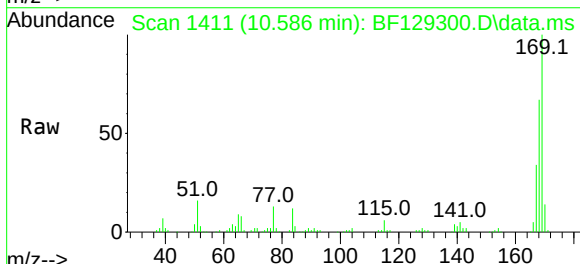
Tgt Ion:198 Resp: 9272
Ion Ratio Lower Upper
198 100
51 61.2 37.6 77.6
105 60.1 27.0 67.0

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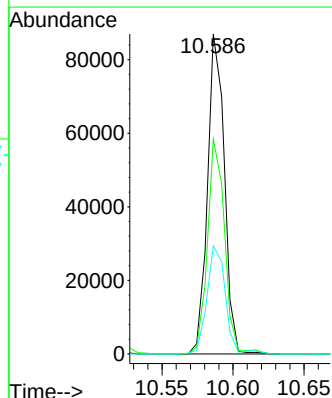
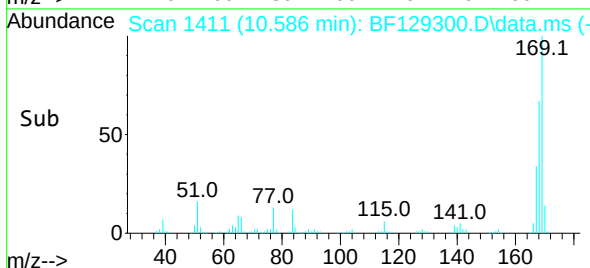
Reviewed By :Christian Giraldo 07/22/2022
Supervised By :Jagrut Upadhyay 07/22/2022

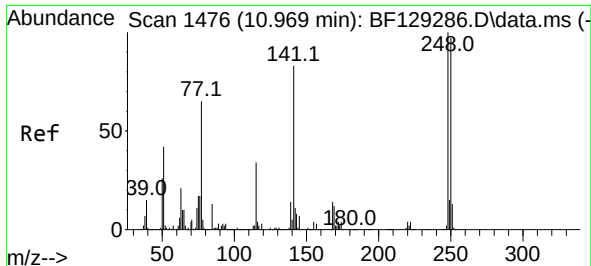


#66
n-Nitrosodiphenylamine
Concen: 3.911 ng
RT: 10.586 min Scan# 1411
Delta R.T. -0.012 min
Lab File: BF129300.D
Acq: 21 Jul 2022 17:08



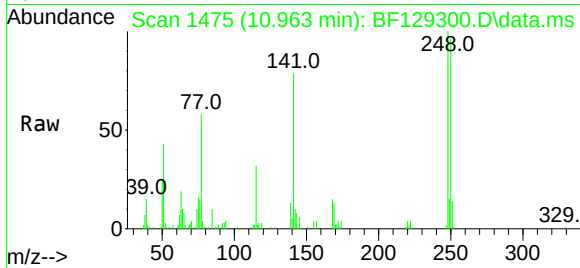
Tgt Ion:169 Resp: 71936
Ion Ratio Lower Upper
169 100
168 67.2 50.1 75.1
167 33.8 27.9 41.9





#67
4-Bromophenyl-phenylether
Concen: 3.902 ng
RT: 10.963 min Scan# 1475
Delta R.T. -0.006 min
Lab File: BF129300.D
Acq: 21 Jul 2022 17:08

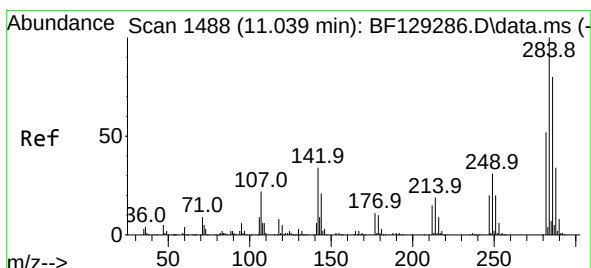
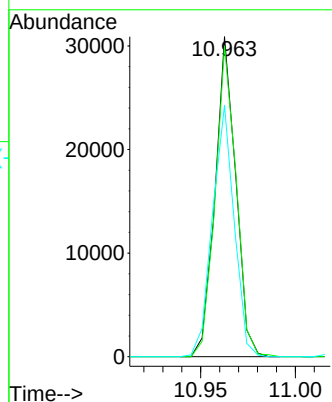
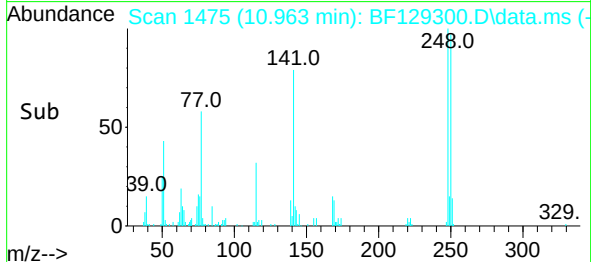
Instrument :
BNA_F
ClientSampleId :
LOD-MDL-WATER-01-QT2-2022



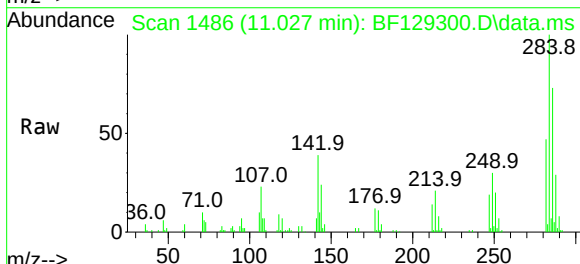
Tgt Ion:248 Resp: 2342
Ion Ratio Lower Upper
248 100
250 97.1 80.6 120.8
141 78.6 58.9 88.3

Manual Integrations
APPROVED

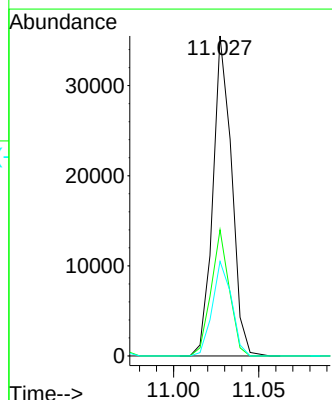
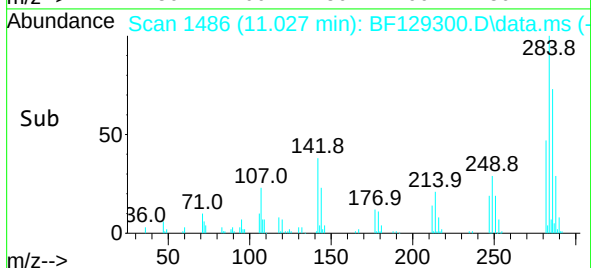
Reviewed By :Christian Giraldo 07/22/2022
Supervised By :Jagrut Upadhyay 07/22/2022

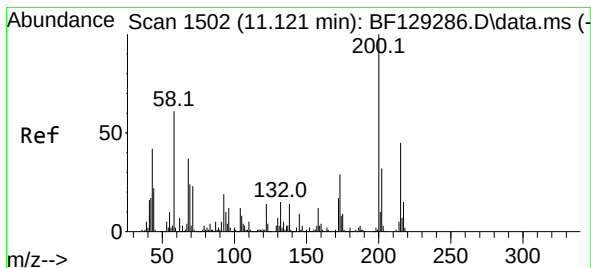


#68
Hexachlorobenzene
Concen: 4.123 ng
RT: 11.027 min Scan# 1486
Delta R.T. -0.012 min
Lab File: BF129300.D
Acq: 21 Jul 2022 17:08



Tgt Ion:284 Resp: 27110
Ion Ratio Lower Upper
284 100
142 39.4 29.0 43.4
249 29.6 25.0 37.6





#69

Atrazine

Concen: 3.989 ng

RT: 11.110 min Scan# 1510

Delta R.T. -0.012 min

Lab File: BF129300.D

Acq: 21 Jul 2022 17:08

Instrument :

BNA_F

ClientSampleId :

LOD-MDL-WATER-01-QT2-2022

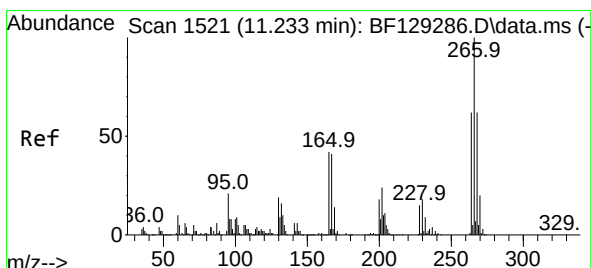
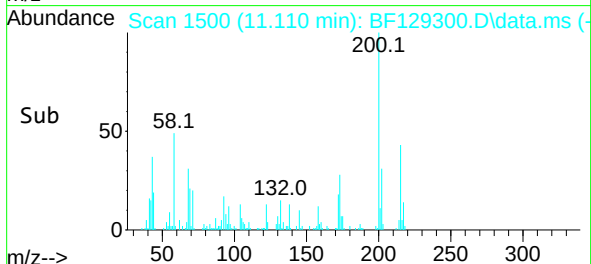
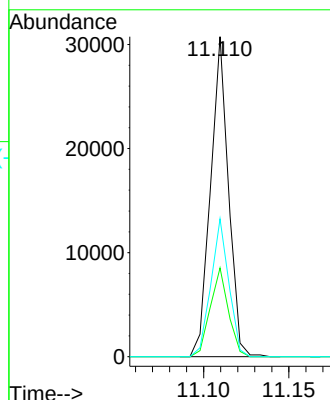
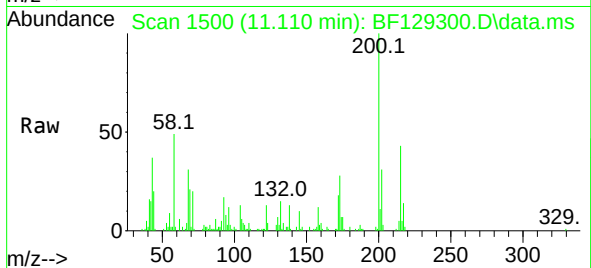
Tgt Ion:200	Resp:	22420
Ion Ratio	Lower	Upper
200	100	
173	27.7	6.3 46.3
215	43.1	28.3 68.3

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 07/22/2022

Supervised By :Jagrut Upadhyay 07/22/2022



#70

Pentachlorophenol

Concen: 2.872 ng

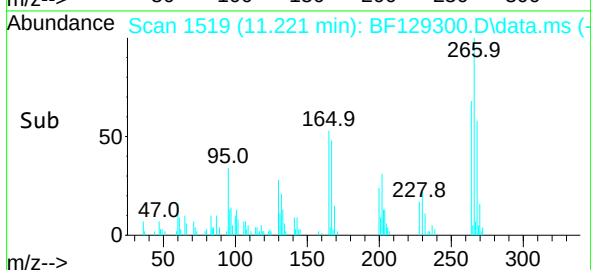
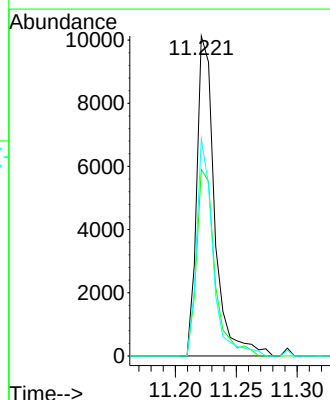
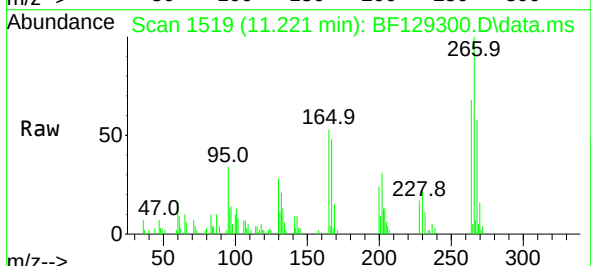
RT: 11.221 min Scan# 1519

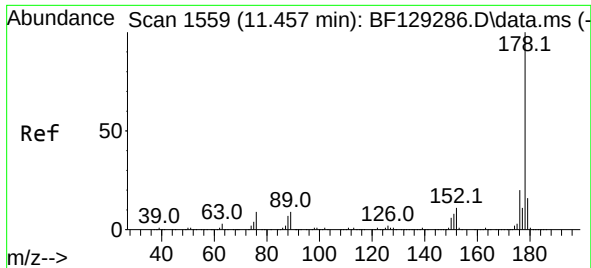
Delta R.T. -0.012 min

Lab File: BF129300.D

Acq: 21 Jul 2022 17:08

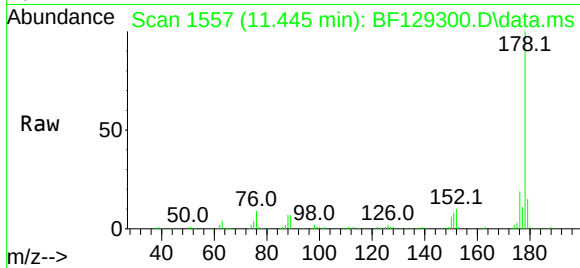
Tgt Ion:266	Resp:	10381
Ion Ratio	Lower	Upper
266	100	
268	58.4	51.0 76.4
264	67.8	49.4 74.2





#71
Phenanthrene
Concen: 4.022 ng
RT: 11.445 min Scan# 1559
Delta R.T. -0.012 min
Lab File: BF129300.D
Acq: 21 Jul 2022 17:08

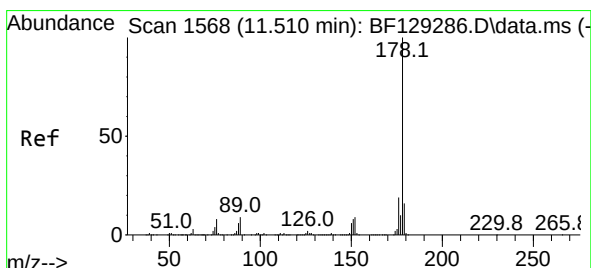
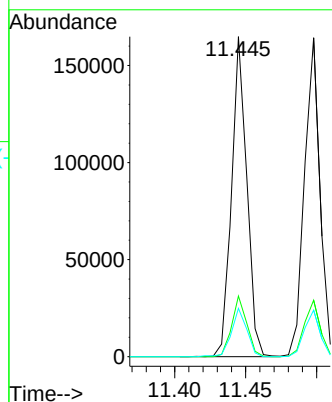
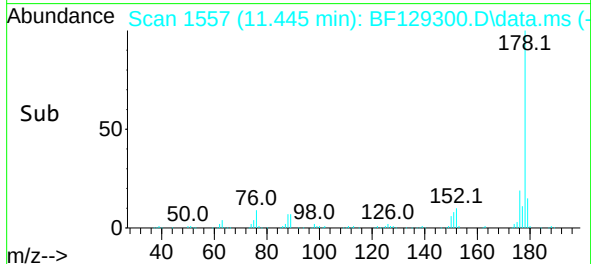
Instrument : BNA_F
ClientSampleId :
LOD-MDL-WATER-01-QT2-2022



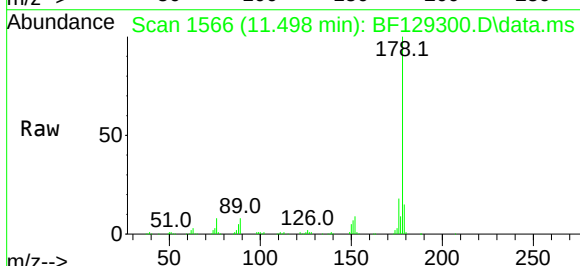
Tgt Ion:178 Resp: 122814
Ion Ratio Lower Upper
178 100
176 18.9 16.0 24.0
179 15.1 12.6 19.0

Manual Integrations
APPROVED

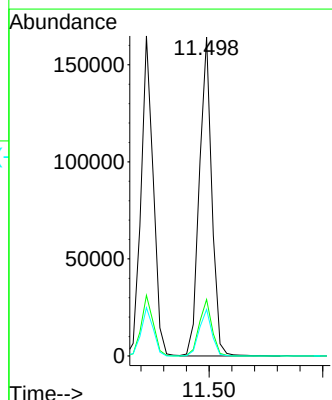
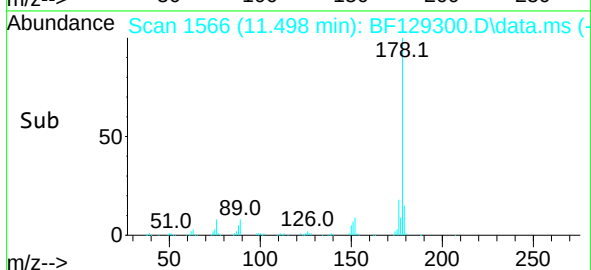
Reviewed By :Christian Giraldo 07/22/2022
Supervised By :Jagrut Upadhyay 07/22/2022

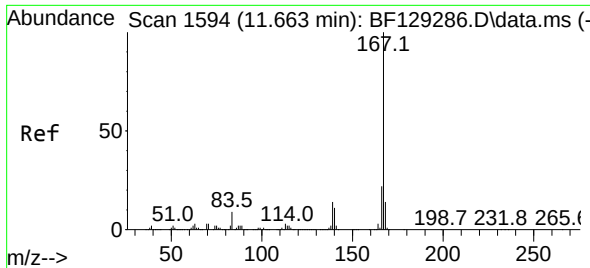


#72
Anthracene
Concen: 4.131 ng
RT: 11.498 min Scan# 1566
Delta R.T. -0.012 min
Lab File: BF129300.D
Acq: 21 Jul 2022 17:08



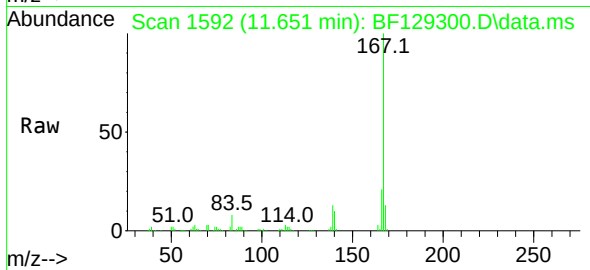
Tgt Ion:178 Resp: 124991
Ion Ratio Lower Upper
178 100
176 17.7 15.4 23.2
179 14.6 12.6 19.0





#73
 Carbazole
 Concen: 4.069 ng
 RT: 11.651 min Scan# 1164
 Delta R.T. -0.012 min
 Lab File: BF129300.D
 Acq: 21 Jul 2022 17:08

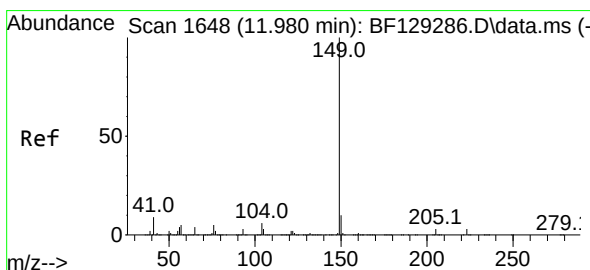
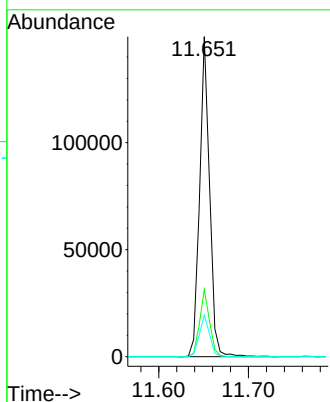
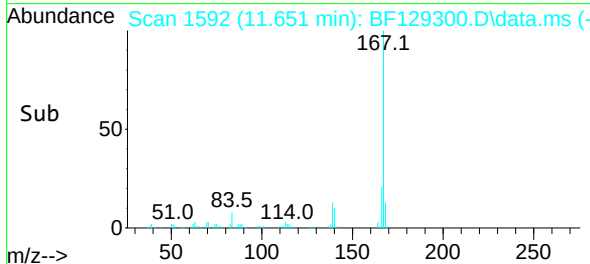
Instrument : BNA_F
 ClientSampleId : LOD-MDL-WATER-01-QT2-2022



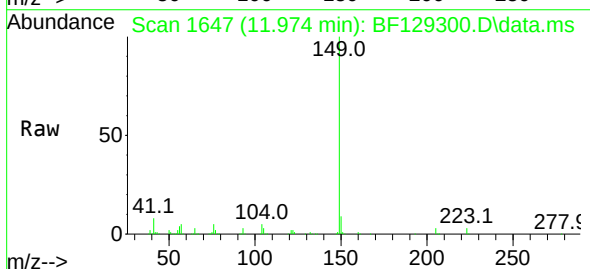
Tgt Ion:167 Resp: 114860
 Ion Ratio Lower Upper
 167 100
 166 21.0 17.7 26.5
 139 13.0 11.2 16.8

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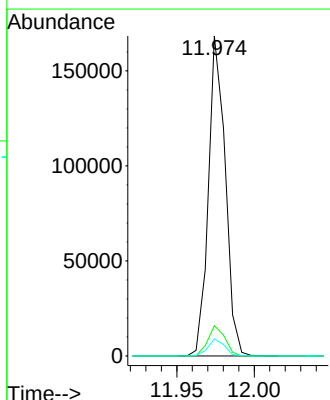
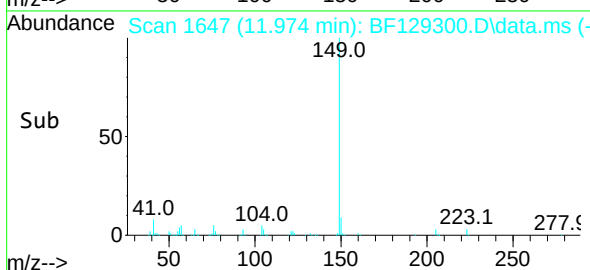
Reviewed By :Christian Giraldo 07/22/2022
 Supervised By :Jagrut Upadhyay 07/22/2022

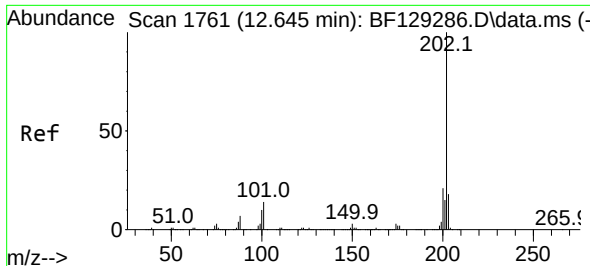


#74
 Di-n-butylphthalate
 Concen: 3.905 ng
 RT: 11.974 min Scan# 1647
 Delta R.T. -0.006 min
 Lab File: BF129300.D
 Acq: 21 Jul 2022 17:08



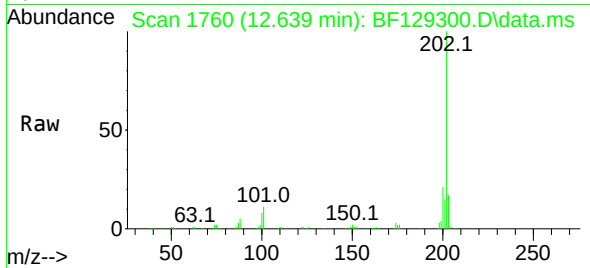
Tgt Ion:149 Resp: 127342
 Ion Ratio Lower Upper
 149 100
 150 9.5 7.5 11.3
 104 5.3 4.4 6.6





#75
Fluoranthene
Concen: 4.029 ng
RT: 12.639 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF129300.D
Acq: 21 Jul 2022 17:08

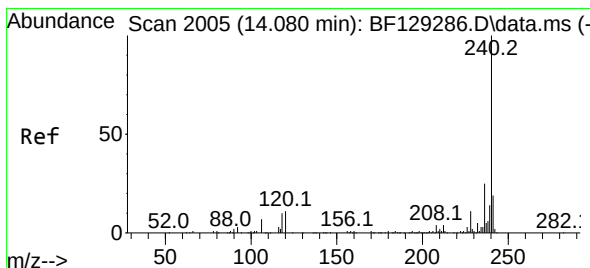
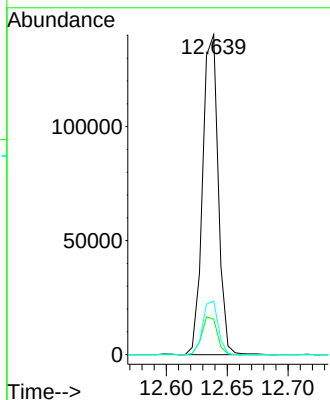
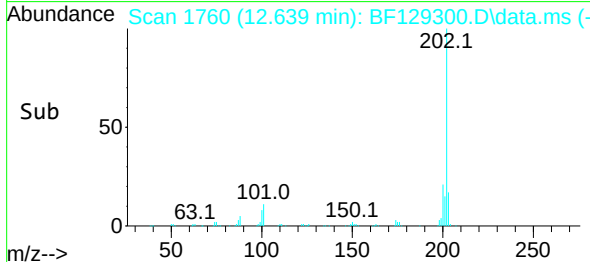
Instrument :
BNA_F
ClientSampleId :
LOD-MDL-WATER-01-QT2-2022



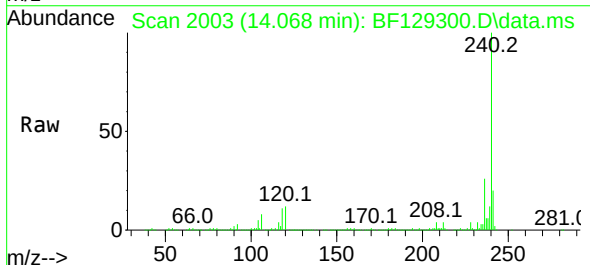
Tgt Ion:202 Resp: 125379
Ion Ratio Lower Upper
202 100
101 11.1 0.0 31.4
203 16.8 0.0 38.0

Manual Integrations
APPROVED

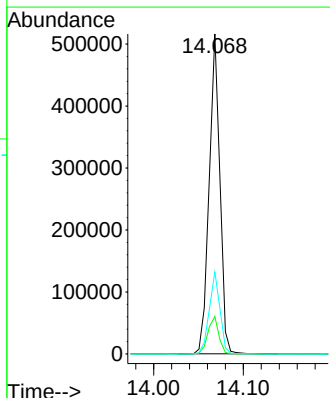
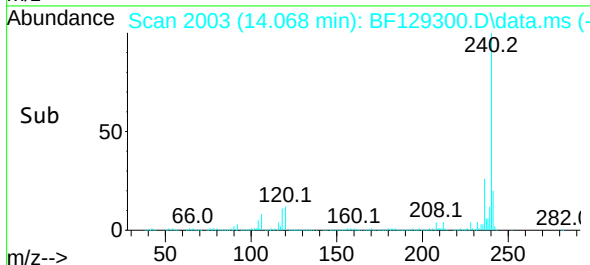
Reviewed By :Christian Giraldo 07/22/2022
Supervised By :Jagrut Upadhyay 07/22/2022

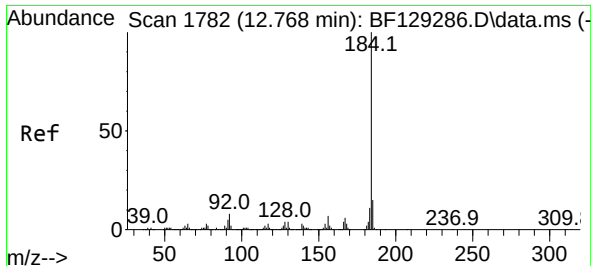


#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.068 min Scan# 2003
Delta R.T. -0.012 min
Lab File: BF129300.D
Acq: 21 Jul 2022 17:08



Tgt Ion:240 Resp: 427440
Ion Ratio Lower Upper
240 100
120 11.7 8.9 13.3
236 25.6 20.8 31.2





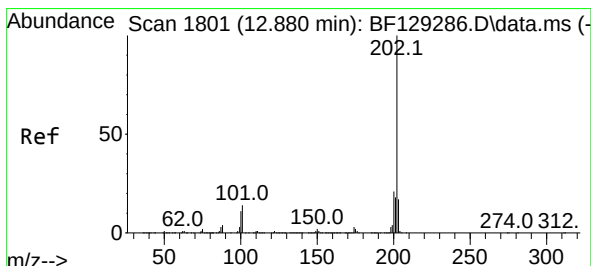
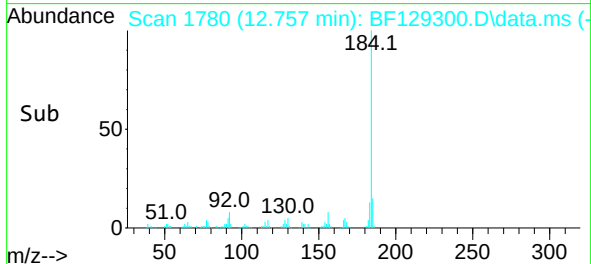
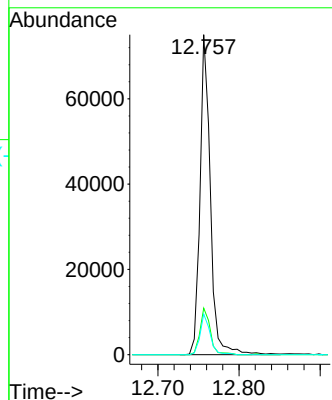
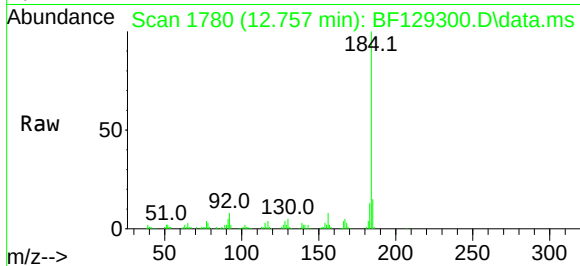
#77
Benzidine
Concen: 3.915 ng
RT: 12.757 min Scan# 1799
Delta R.T. -0.012 min
Lab File: BF129300.D
Acq: 21 Jul 2022 17:08

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

Tgt Ion:184 Resp: 66694
Ion Ratio Lower Upper
184 100
185 14.6 11.9 17.9
183 12.7 9.3 13.9

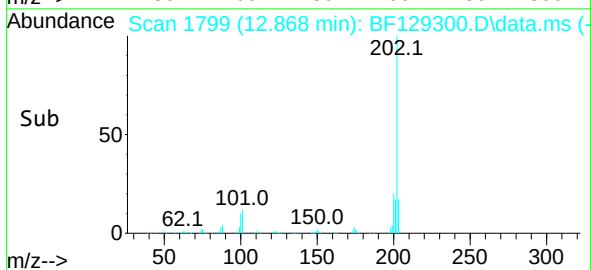
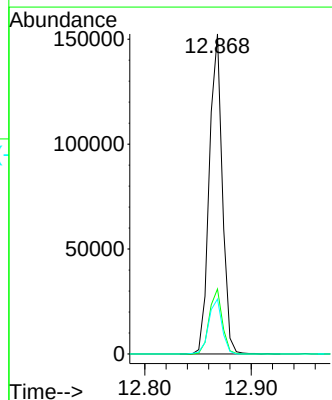
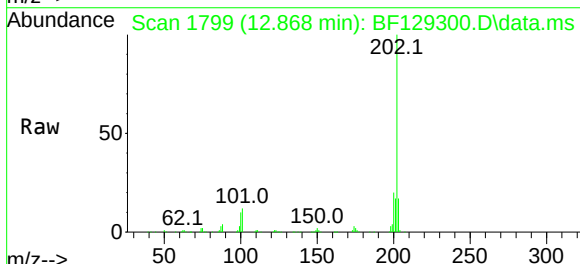
Manual Integrations
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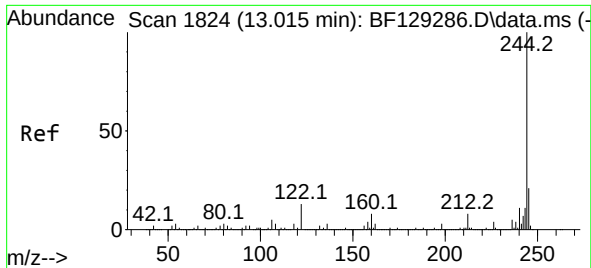
Reviewed By :Christian Giraldo 07/22/2022
Supervised By :Jagrut Upadhyay 07/22/2022



#78
Pyrene
Concen: 3.543 ng
RT: 12.868 min Scan# 1799
Delta R.T. -0.012 min
Lab File: BF129300.D
Acq: 21 Jul 2022 17:08

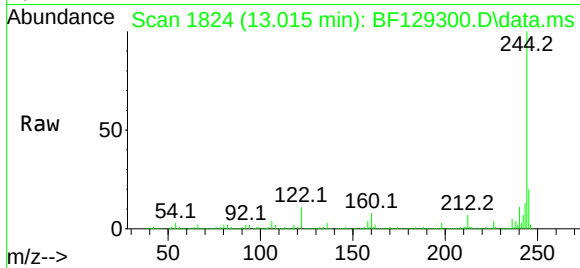
Tgt Ion:202 Resp: 129524
Ion Ratio Lower Upper
202 100
200 20.3 17.7 26.5
203 17.1 14.6 21.8





#79
 Terphenyl-d14
 Concen: 78.478 ng
 RT: 13.015 min Scan# 1824
 Delta R.T. -0.000 min
 Lab File: BF129300.D
 Acq: 21 Jul 2022 17:08

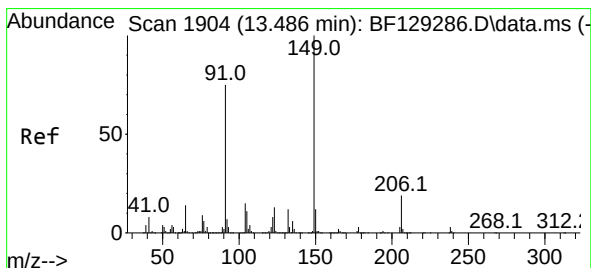
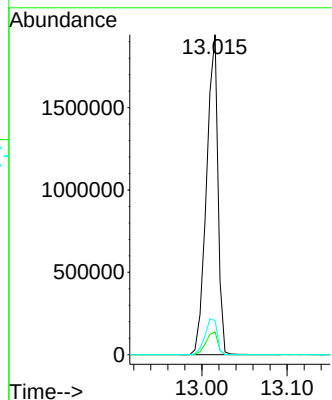
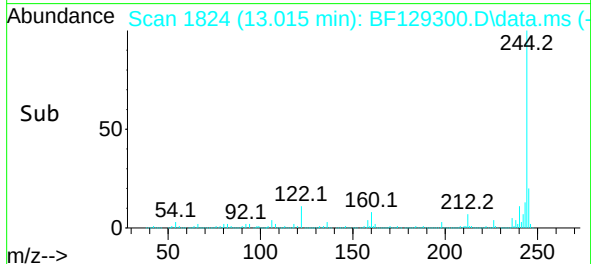
Instrument : BNA_F
 ClientSampleId :
 LOD-MDL-WATER-01-QT2-2022



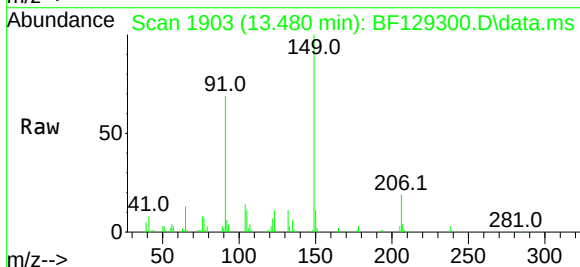
Tgt Ion:244 Resp: 1801119
 Ion Ratio Lower Upper
 244 100
 212 7.1 6.1 9.1
 122 10.7 8.8 13.2

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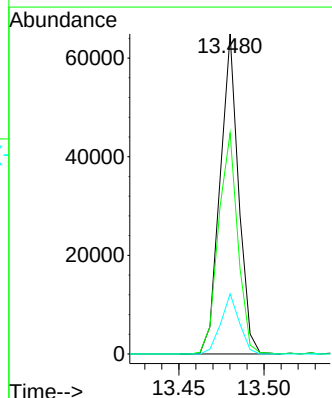
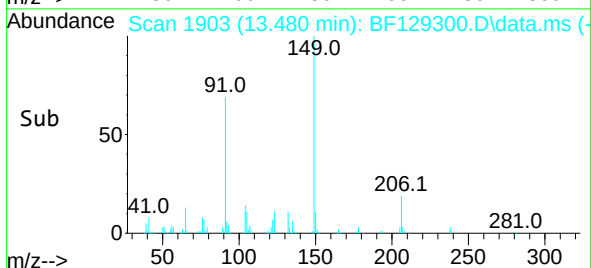
Reviewed By :Christian Giraldo 07/22/2022
 Supervised By :Jagrut Upadhyay 07/22/2022

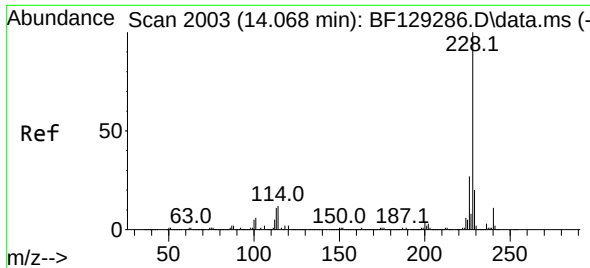


#80
 Butylbenzylphthalate
 Concen: 3.281 ng
 RT: 13.480 min Scan# 1903
 Delta R.T. -0.006 min
 Lab File: BF129300.D
 Acq: 21 Jul 2022 17:08



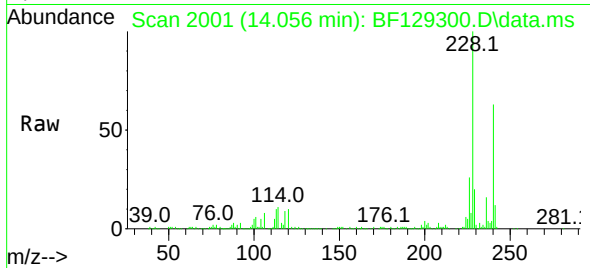
Tgt Ion:149 Resp: 48940
 Ion Ratio Lower Upper
 149 100
 91 69.1 61.2 91.8
 206 18.8 15.7 23.5





#81
Benzo(a)anthracene
Concen: 3.738 ng
RT: 14.056 min Scan# 2003
Delta R.T. -0.012 min
Lab File: BF129300.D
Acq: 21 Jul 2022 17:08

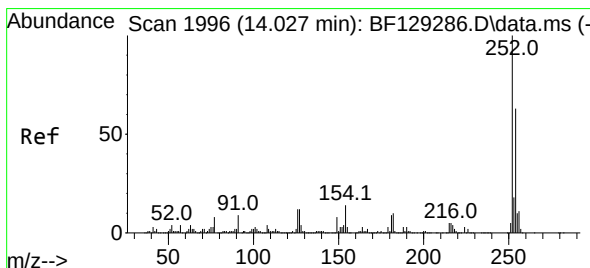
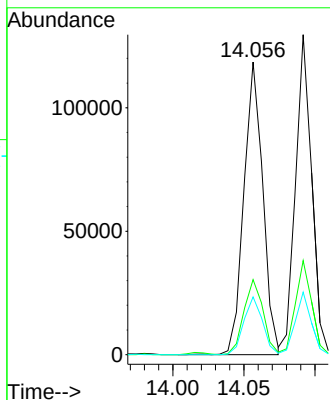
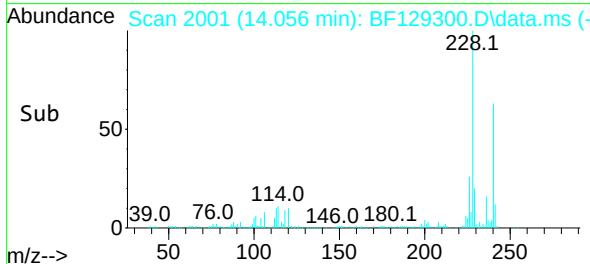
Instrument : BNA_F
ClientSampleId :
LOD-MDL-WATER-01-QT2-2022



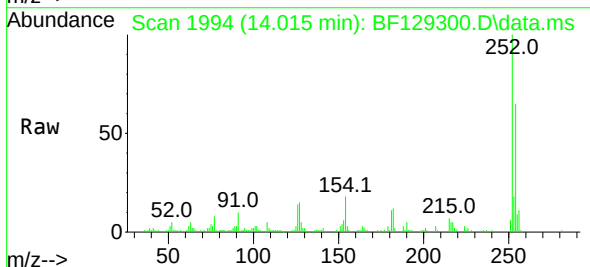
Tgt Ion:228 Resp: 110020
Ion Ratio Lower Upper
228 100
226 25.7 22.1 33.1
229 19.8 15.8 23.8

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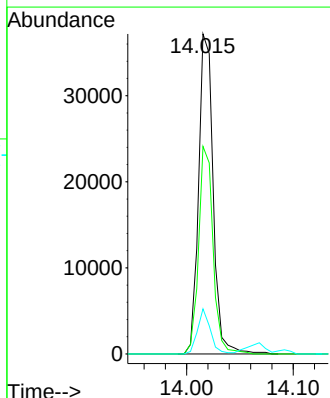
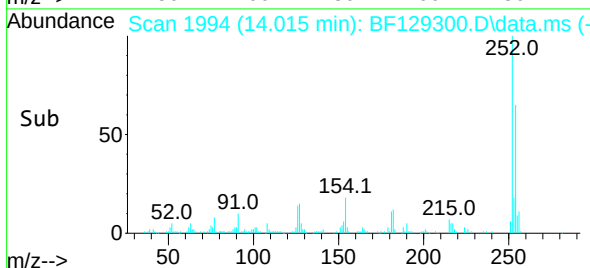
Reviewed By :Christian Giraldo 07/22/2022
Supervised By :Jagrut Upadhyay 07/22/2022

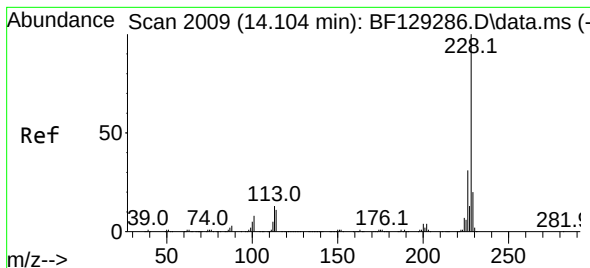


#82
3,3'-Dichlorobenzidine
Concen: 3.678 ng
RT: 14.015 min Scan# 1994
Delta R.T. -0.012 min
Lab File: BF129300.D
Acq: 21 Jul 2022 17:08



Tgt Ion:252 Resp: 35536
Ion Ratio Lower Upper
252 100
254 64.9 50.2 75.4
126 14.1 8.2 12.4#





#83

Chrysene

Concen: 3.710 ng

RT: 14.092 min Scan# 2009

Delta R.T. -0.012 min

Lab File: BF129300.D

Acq: 21 Jul 2022 17:08

Instrument :

BNA_F

ClientSampleId :

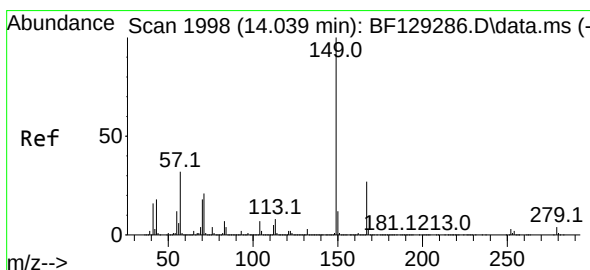
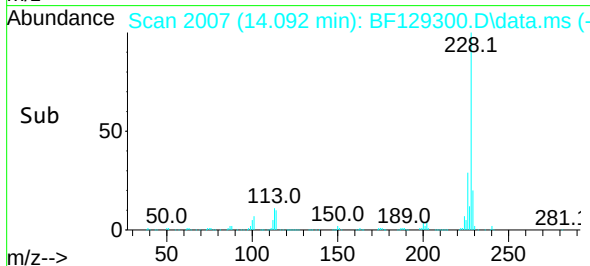
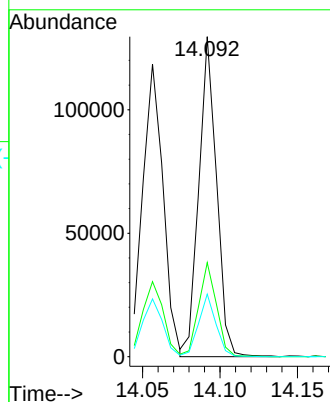
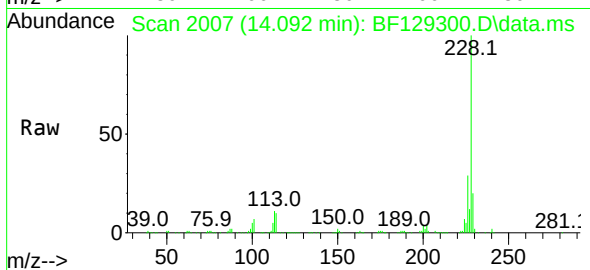
LOD-MDL-WATER-01-QT2-2022

Tgt Ion:	228	Resp:	10306
Ion Ratio	Lower	Upper	
228	100		
226	29.4	24.3	36.5
229	19.5	15.9	23.9

Manual Integrations

APPROVED

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



#84

Bis(2-ethylhexyl)phthalate

Concen: 3.548 ng

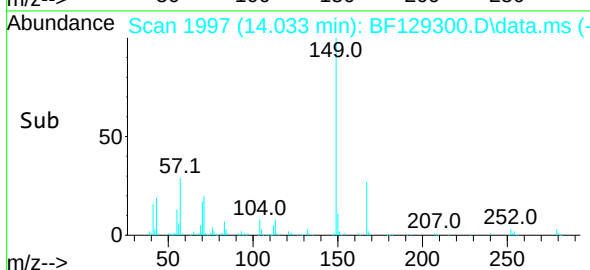
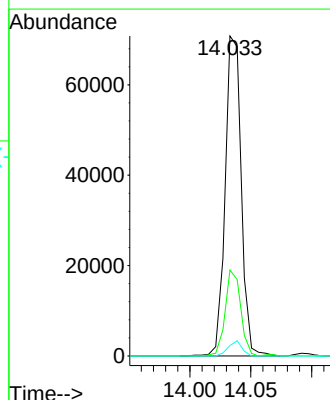
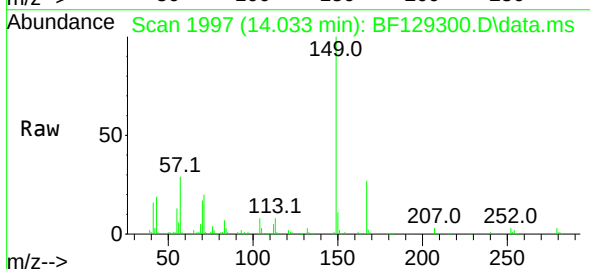
RT: 14.033 min Scan# 1997

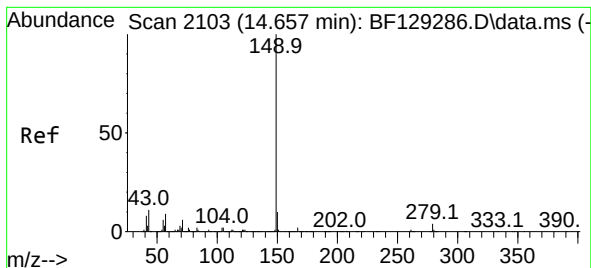
Delta R.T. -0.006 min

Lab File: BF129300.D

Acq: 21 Jul 2022 17:08

Tgt Ion:	149	Resp:	64989
Ion Ratio	Lower	Upper	
149	100		
167	26.9	21.0	31.4
279	3.3	3.1	4.7





#85

Di-n-octyl phthalate

Concen: 3.391 ng

RT: 14.651 min Scan# 2103

Delta R.T. -0.006 min

Lab File: BF129300.D

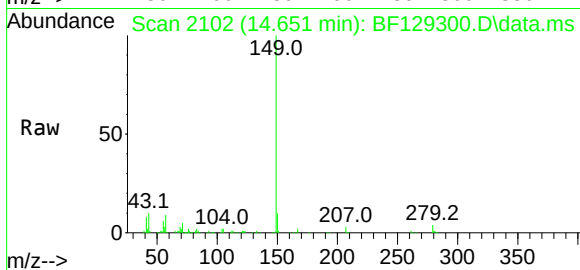
Acq: 21 Jul 2022 17:08

Instrument :

BNA_F

ClientSampleId :

LOD-MDL-WATER-01-QT2-2022



Tgt Ion:149 Resp: 88914

Ion Ratio Lower Upper

149 100

167 1.5 1.3 1.9

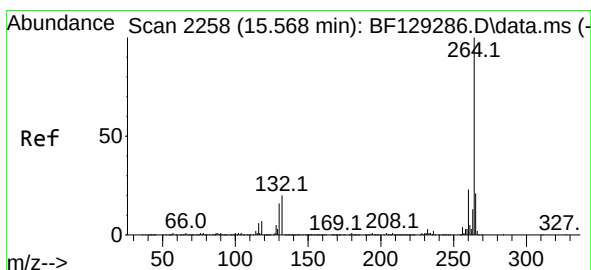
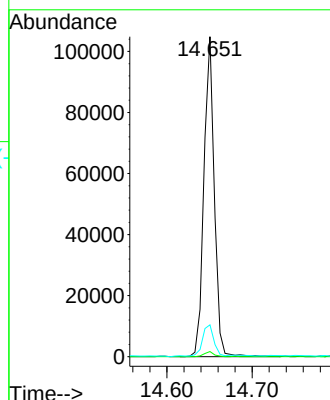
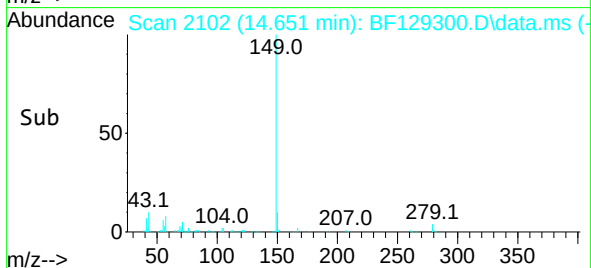
43 11.6 9.2 13.8

Manual Integrations

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Reviewed By :Christian Giraldo 07/22/2022

Supervised By :Jagrut Upadhyay 07/22/2022



#86

Perylene-d12

Concen: 20.000 ng

RT: 15.562 min Scan# 2257

Delta R.T. -0.006 min

Lab File: BF129300.D

Acq: 21 Jul 2022 17:08

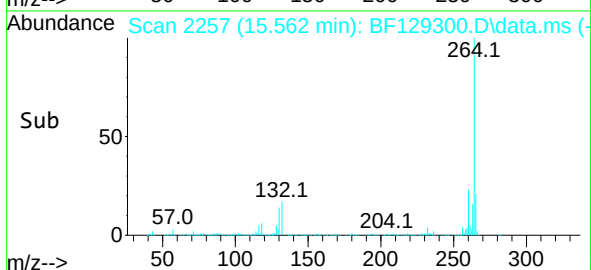
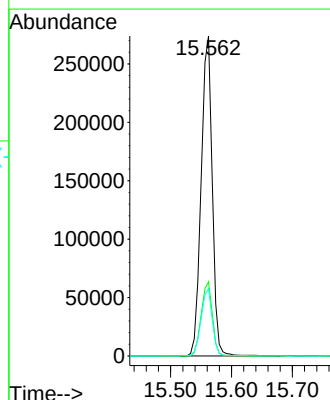
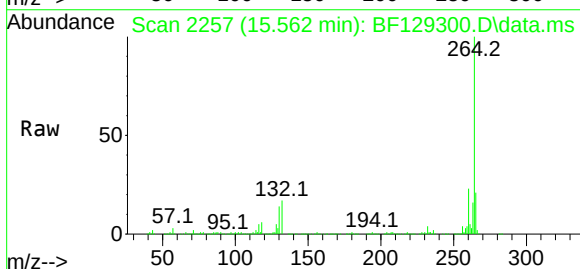
Tgt Ion:264 Resp: 346077

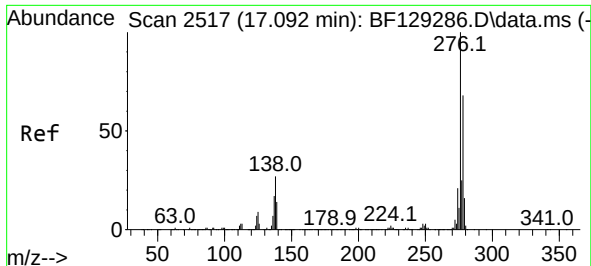
Ion Ratio Lower Upper

264 100

260 23.2 18.4 27.6

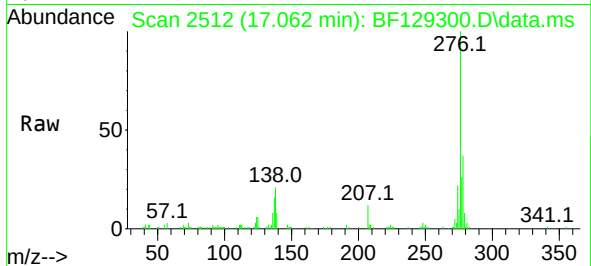
265 21.1 17.2 25.8





#87
 Indeno(1,2,3-cd)pyrene
 Concen: 2.952 ng
 RT: 17.062 min Scan# 2112
 Delta R.T. -0.030 min
 Lab File: BF129300.D
 Acq: 21 Jul 2022 17:08

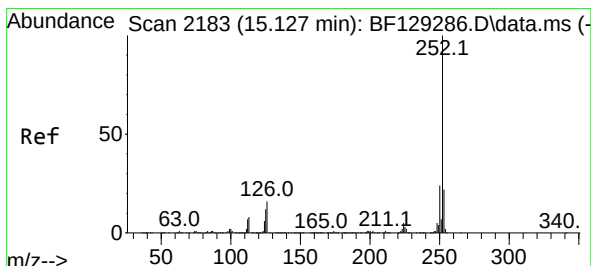
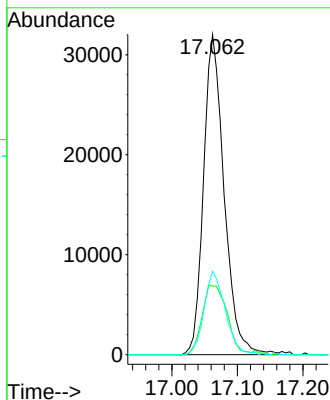
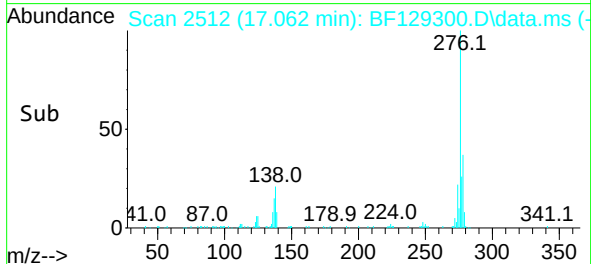
Instrument : BNA_F
 ClientSampleId :
 LOD-MDL-WATER-01-QT2-2022



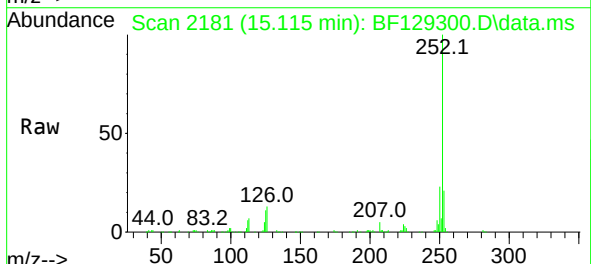
Tgt Ion: 276 Resp: 7003
 Ion Ratio Lower Upper
 276 100
 138 26.1 21.1 31.7
 277 26.8 20.3 30.5

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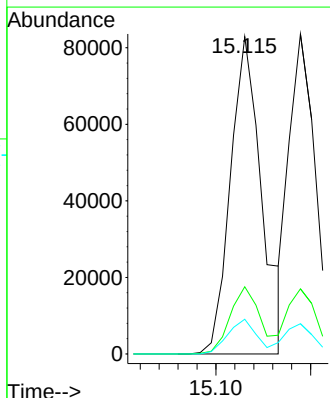
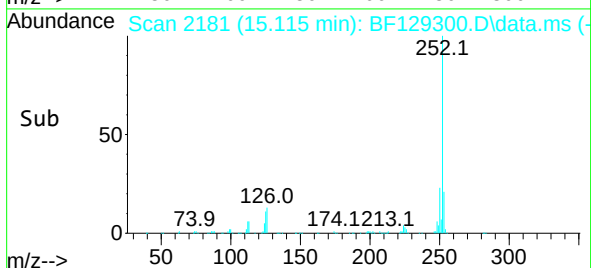
Reviewed By : Christian Giraldo 07/22/2022
 Supervised By : Jagrut Upadhyay 07/22/2022

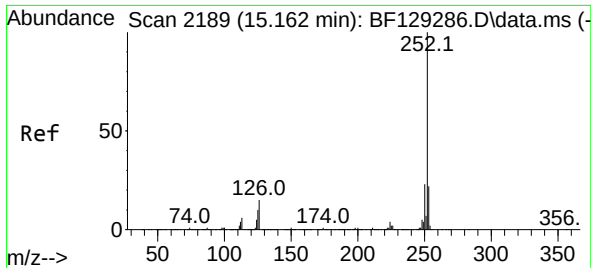


#88
 Benzo(b)fluoranthene
 Concen: 4.132 ng
 RT: 15.115 min Scan# 2181
 Delta R.T. -0.012 min
 Lab File: BF129300.D
 Acq: 21 Jul 2022 17:08



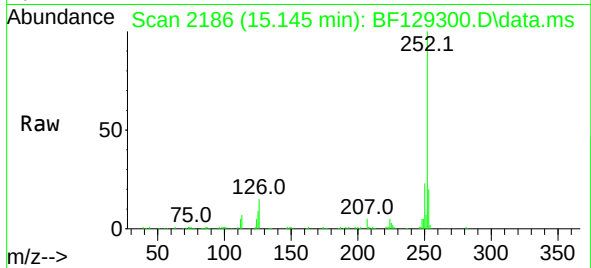
Tgt Ion: 252 Resp: 95185
 Ion Ratio Lower Upper
 252 100
 253 21.2 17.7 26.5
 125 11.0 8.0 12.0





#89
Benzo(k)fluoranthene
Concen: 3.723 ng
RT: 15.145 min Scan# 2189
Delta R.T. -0.018 min
Lab File: BF129300.D
Acq: 21 Jul 2022 17:08

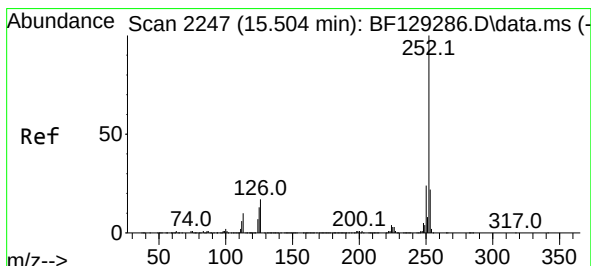
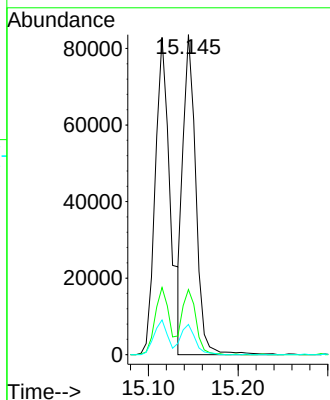
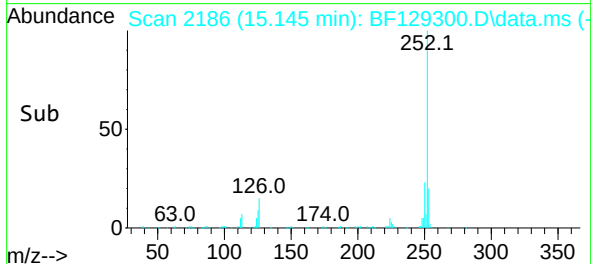
Instrument : BNA_F
ClientSampleId :
LOD-MDL-WATER-01-QT2-2022



Tgt Ion:252 Resp: 83274
Ion Ratio Lower Upper
252 100
253 20.4 17.8 26.6
125 9.4 8.3 12.5

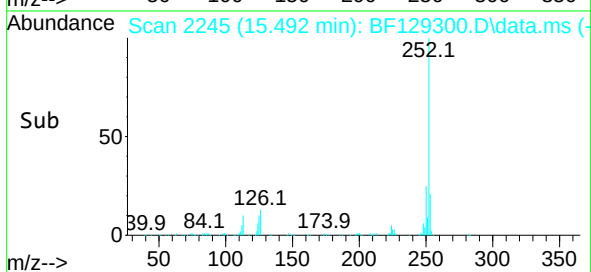
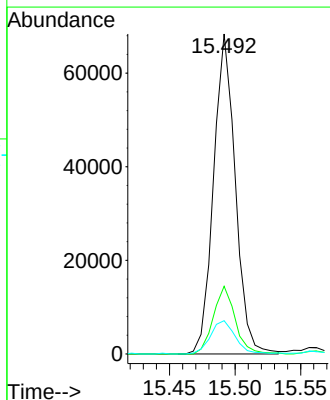
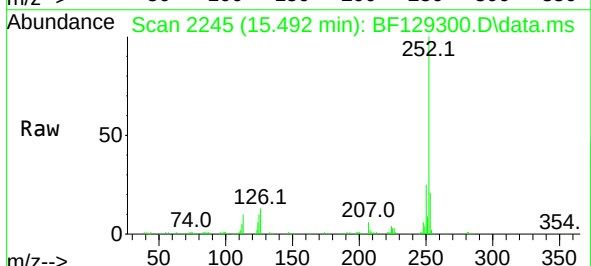
Manual Integrations
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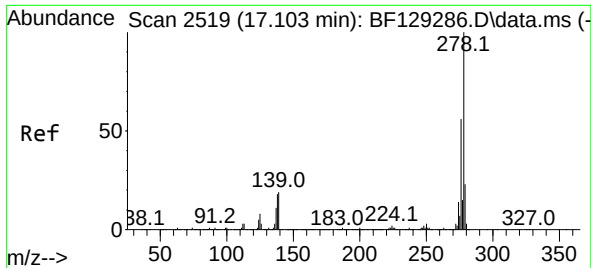
Reviewed By :Christian Giraldo 07/22/2022
Supervised By :Jagrut Upadhyay 07/22/2022



#90
Benzo(a)pyrene
Concen: 4.229 ng
RT: 15.492 min Scan# 2245
Delta R.T. -0.012 min
Lab File: BF129300.D
Acq: 21 Jul 2022 17:08

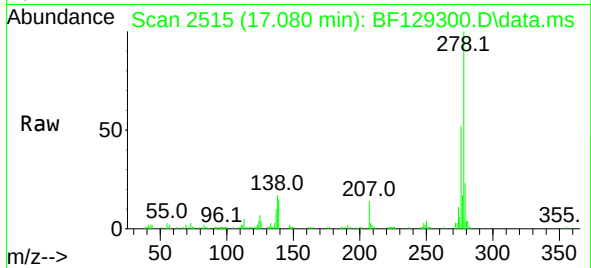
Tgt Ion:252 Resp: 78813
Ion Ratio Lower Upper
252 100
253 21.1 17.0 25.6
125 10.4 8.8 13.2





#91
Dibenzo(a,h)anthracene
Concen: 3.210 ng
RT: 17.080 min Scan# 2515
Delta R.T. -0.024 min
Lab File: BF129300.D
Acq: 21 Jul 2022 17:08

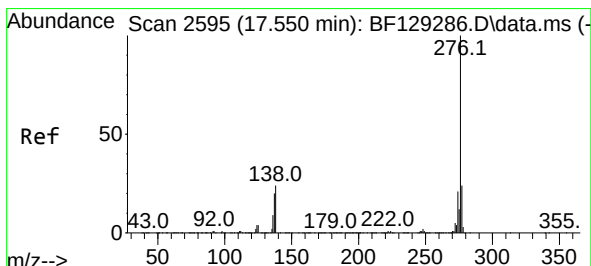
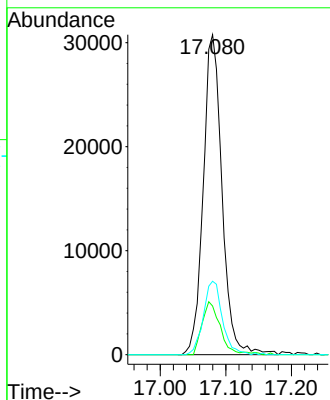
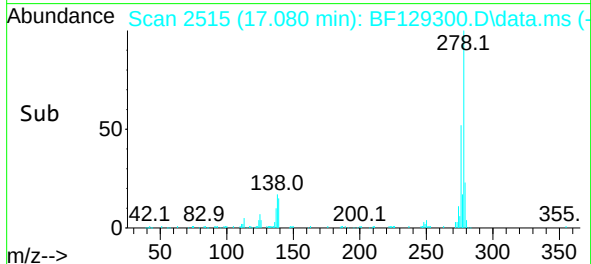
Instrument : BNA_F
ClientSampleId :
LOD-MDL-WATER-01-QT2-2022



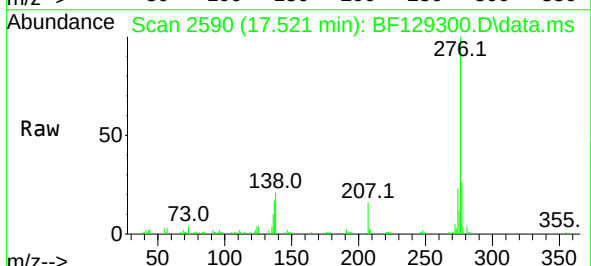
Tgt Ion: 278 Resp: 61378
Ion Ratio Lower Upper
278 100
139 15.2 12.8 19.2
279 23.0 18.6 28.0

Manual Integrations
APPROVED

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



#92
Benzo(g,h,i)perylene
Concen: 3.023 ng
RT: 17.521 min Scan# 2590
Delta R.T. -0.030 min
Lab File: BF129300.D
Acq: 21 Jul 2022 17:08



Tgt Ion: 276 Resp: 60061
Ion Ratio Lower Upper
276 100
277 26.3 19.1 28.7
138 21.2 18.0 27.0

