

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF031122\
 Data File : BF127303.D
 Acq On : 11 Mar 2022 16:50
 Operator : CG\JU
 Sample : N1645-07
 Misc : LOD-MDL-WATER 4PPM
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 LOD-MDL-WATER-01-QT1-2022

Quant Time: Mar 11 17:28:19 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF031022.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Mar 11 12:42:13 2022
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By : Christian Giraldo 03/14/2022
 Supervised By : Jagrut Upadhyay 03/14/2022

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.869	152	108480	20.000	ng	0.00
21) Naphthalene-d8	8.151	136	386360	20.000	ng	0.00
39) Acenaphthene-d10	9.910	164	214276	20.000	ng	0.00
64) Phenanthrene-d10	11.398	188	387224	20.000	ng	# 0.00
76) Chrysene-d12	14.045	240	299157	20.000	ng	# 0.00
86) Perylene-d12	15.533	264	223982	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.499	112	887805	131.564	ng	0.00
7) Phenol-d6	6.510	99	1250310	134.687	ng	0.00
23) Nitrobenzene-d5	7.440	82	710627	75.959	ng	0.00
42) 2,4,6-Tribromophenol	10.710	330	333820	144.720	ng	0.00
45) 2-Fluorobiphenyl	9.228	172	1210819	79.890	ng	0.00
79) Terphenyl-d14	12.992	244	1372158	78.981	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	2.681	88	11506	3.288	ng	# 75
3) Pyridine	3.569	79	29208m	3.137	ng	
4) n-Nitrosodimethylamine	3.405	42	16415	3.182	ng	# 57
6) Aniline	6.540	93	47556	4.287	ng	94
8) 2-Chlorophenol	6.657	128	27106	3.883	ng	92
9) Benzaldehyde	6.428	77	27033	4.996	ng	90
10) Phenol	6.522	94	37979	3.724	ng	83
11) bis(2-Chloroethyl)ether	6.610	93	30339	4.006	ng	91
12) 1,3-Dichlorobenzene	6.810	146	31158	3.976	ng	99
13) 1,4-Dichlorobenzene	6.887	146	32101	4.083	ng	99
14) 1,2-Dichlorobenzene	7.040	146	28593	3.865	ng	95
15) Benzyl Alcohol	7.022	79	26760	3.846	ng	# 62
16) 2,2'-oxybis(1-Chloropr...	7.140	45	55237	3.887	ng	96
17) 2-Methylphenol	7.116	107	22826	3.846	ng	# 88
18) Hexachloroethane	7.375	117	12056	3.992	ng	# 86
19) n-Nitroso-di-n-propyla...	7.269	70	23773	4.104	ng	# 84
20) 3+4-Methylphenols	7.275	107	30352	3.944	ng	# 43
22) Acetophenone	7.275	105	43642	4.126	ng	# 90
24) Nitrobenzene	7.451	77	37377	4.224	ng	90
25) Isophorone	7.681	82	60879	4.047	ng	97
26) 2-Nitrophenol	7.769	139	13504	3.685	ng	# 77
27) 2,4-Dimethylphenol	7.804	122	23543	4.280	ng	93
28) bis(2-Chloroethoxy)met...	7.893	93	37462	3.930	ng	97
29) 2,4-Dichlorophenol	8.016	162	23821	3.781	ng	94
30) 1,2,4-Trichlorobenzene	8.092	180	27746	3.863	ng	98
31) Naphthalene	8.169	128	82021	3.980	ng	98
32) Benzoic acid	7.898	122	9058m	2.654	ng	
33) 4-Chloroaniline	8.222	127	32191	4.030	ng	96
34) Hexachlorobutadiene	8.281	225	17781	3.713	ng	94
35) Caprolactam	8.557	113	6630	3.523	ng	93
36) 4-Chloro-3-methylphenol	8.704	107	25762	3.773	ng	99
37) 2-Methylnaphthalene	8.863	142	53834	3.998	ng	97
38) 1-Methylnaphthalene	8.963	142	52254	4.036	ng	97
40) 1,2,4,5-Tetrachloroben...	9.028	216	29024	4.279	ng	# 94
41) Hexachlorocyclopentadiene	9.010	237	4900	2.056	ng	98
43) 2,4,6-Trichlorophenol	9.145	196	16078	3.755	ng	92

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Manual Integrations
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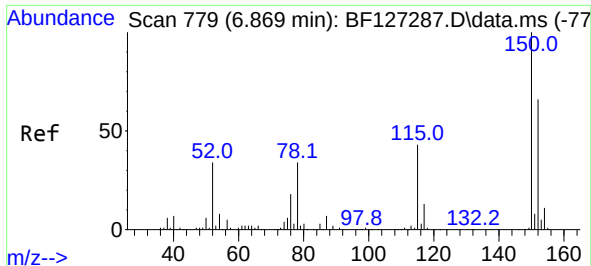
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.192	196	16885m	3.716	ng	
46) 1,1'-Biphenyl	9.328	154	71782	4.439	ng	97
47) 2-Chloronaphthalene	9.351	162	50995	4.051	ng	98
48) 2-Nitroaniline	9.451	65	17743	3.663	ng	89
49) Acenaphthylene	9.769	152	81557	4.233	ng	97
50) Dimethylphthalate	9.622	163	57606	3.752	ng	# 99
51) 2,6-Dinitrotoluene	9.692	165	12241	3.941	ng	93
52) Acenaphthene	9.939	154	45545	3.966	ng	95
53) 3-Nitroaniline	9.863	138	12385	3.659	ng	100
54) 2,4-Dinitrophenol	9.986	184	2474	1.617	ng	# 71
55) Dibenzofuran	10.110	168	71170	3.989	ng	98
56) 4-Nitrophenol	10.039	139	5446	2.647	ng	89
57) 2,4-Dinitrotoluene	10.098	165	15546	3.804	ng	# 97
58) Fluorene	10.457	166	56081	4.054	ng	96
59) 2,3,4,6-Tetrachlorophenol	10.234	232	11392	3.017	ng	# 87
60) Diethylphthalate	10.322	149	54607	3.899	ng	97
61) 4-Chlorophenyl-phenyle...	10.445	204	30446	4.061	ng	87
62) 4-Nitroaniline	10.475	138	11850	3.513	ng	83
63) Azobenzene	10.610	77	62256	3.867	ng	90
65) 4,6-Dinitro-2-methylph...	10.510	198	5581	2.338	ng	90
66) n-Nitrosodiphenylamine	10.569	169	47564	3.955	ng	98
67) 4-Bromophenyl-phenylether	10.939	248	18264	3.913	ng	97
68) Hexachlorobenzene	11.004	284	19207	3.776	ng	# 89
69) Atrazine	11.086	200	16498	3.976	ng	96
70) Pentachlorophenol	11.210	266	4132	2.012	ng	92
71) Phenanthrene	11.422	178	81976	4.010	ng	100
72) Anthracene	11.475	178	81469	4.024	ng	98
73) Carbazole	11.633	167	71068	3.728	ng	97
74) Di-n-butylphthalate	11.951	149	84142	3.774	ng	100
75) Fluoranthene	12.616	202	89774	3.928	ng	91
77) Benzidine	12.739	184	35048	4.607	ng	97
78) Pyrene	12.845	202	91148	3.912	ng	100
80) Butylbenzylphthalate	13.457	149	30939	3.450	ng	# 93
81) Benzo(a)anthracene	14.033	228	76742	3.810	ng	99
82) 3,3'-Dichlorobenzidine	13.998	252	22921	3.660	ng	# 95
83) Chrysene	14.069	228	70003	3.736	ng	100
84) Bis(2-ethylhexyl)phtha...	14.010	149	44570	3.692	ng	# 99
85) Di-n-octyl phthalate	14.621	149	61904	3.388	ng	# 92
87) Indeno(1,2,3-cd)pyrene	17.033	276	43491	3.223	ng	# 85
88) Benzo(b)fluoranthene	15.092	252	54748	3.724	ng	# 92
89) Benzo(k)fluoranthene	15.121	252	59234	4.285	ng	# 92
90) Benzo(a)pyrene	15.468	252	49349	4.263	ng	# 89
91) Dibenzo(a,h)anthracene	17.045	278	38520	3.430	ng	# 89
92) Benzo(g,h,i)perylene	17.486	276	36296	3.313	ng	# 86

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

Manual Integrations

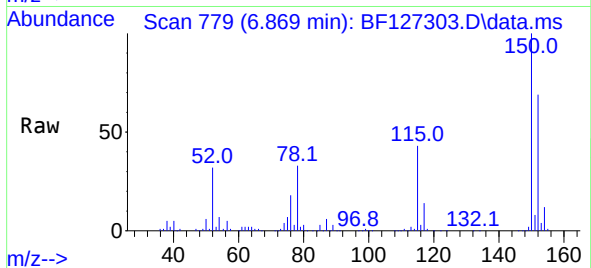
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#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.869 min Scan# 71
Delta R.T. 0.000 min
Lab File: BF127303.D
Acq: 11 Mar 2022 16:50

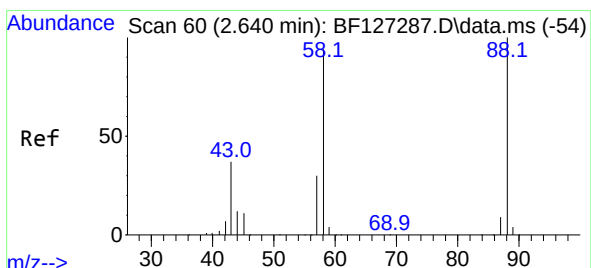
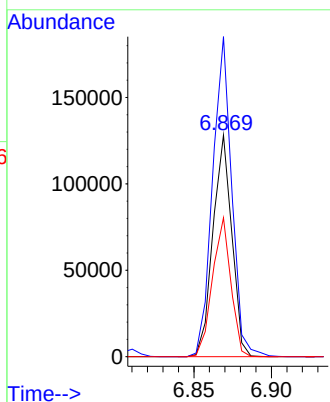
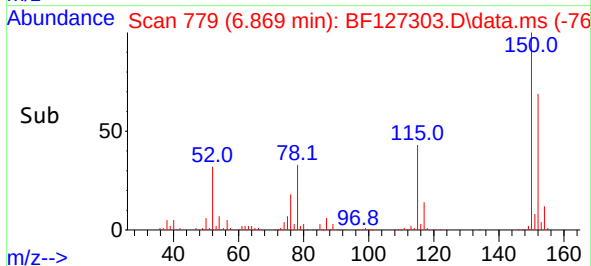
Instrument :
BNA_F
ClientSampleId :
LOD-MDL-WATER-01-QT1-2022



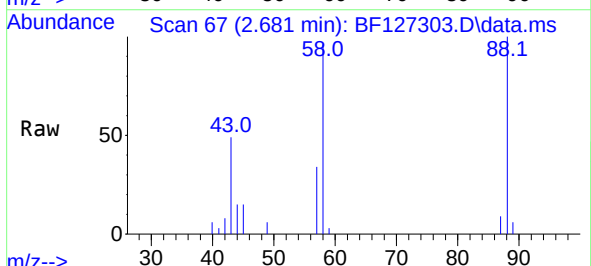
Tgt Ion:152 Resp: 108480
Ion Ratio Lower Upper
152 100
150 144.4 128.1 192.1
115 62.7 56.7 85.1

Manual Integrations
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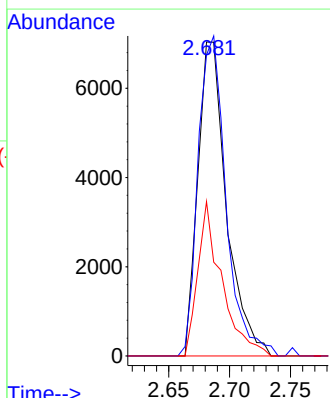
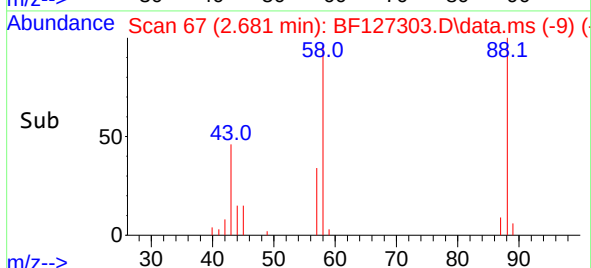
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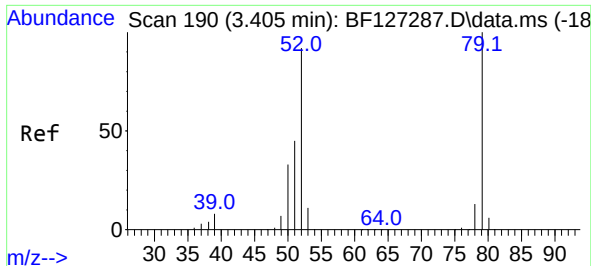


#2
1,4-Dioxane
Concen: 3.288 ng
RT: 2.681 min Scan# 67
Delta R.T. 0.041 min
Lab File: BF127303.D
Acq: 11 Mar 2022 16:50



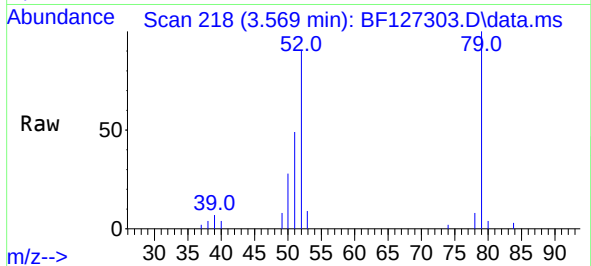
Tgt Ion: 88 Resp: 11506
Ion Ratio Lower Upper
88 100
58 99.7 62.8 94.2#
43 41.3 22.3 33.5#





#3
Pyridine
Concen: 3.137 ng m
RT: 3.569 min Scan# 218
Delta R.T. 0.165 min
Lab File: BF127303.D
Acq: 11 Mar 2022 16:50

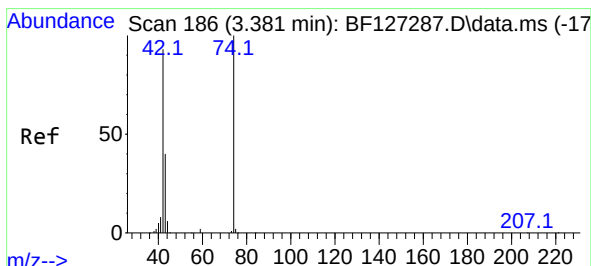
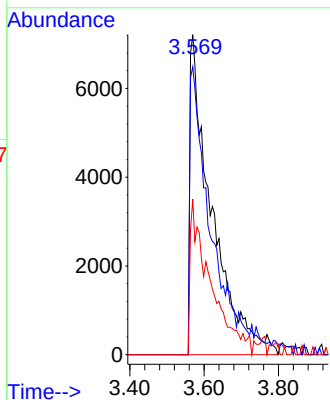
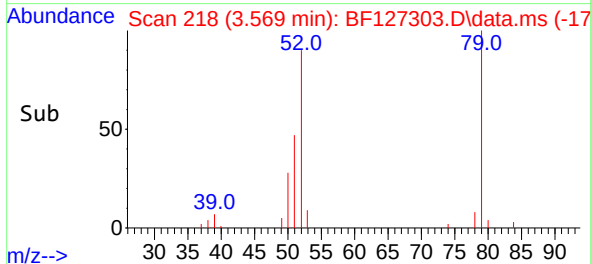
Instrument :
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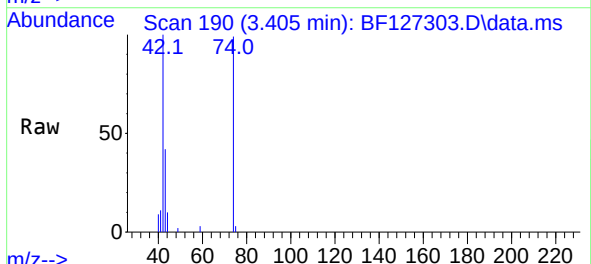
Tgt Ion: 79 Resp: 29208
Ion Ratio Lower Upper
79 100
52 90.0 56.2 84.4#
51 48.6 26.7 40.1#

Manual Integrations
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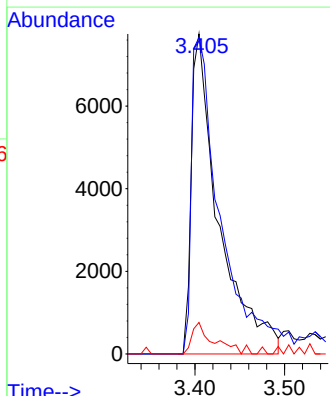
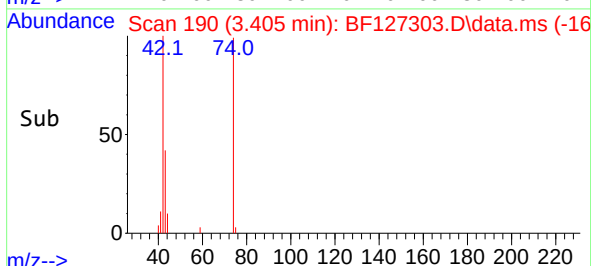
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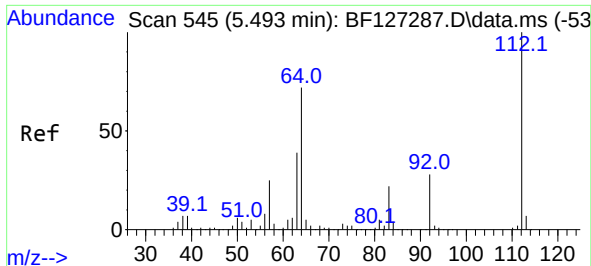


#4
n-Nitrosodimethylamine
Concen: 3.182 ng
RT: 3.405 min Scan# 190
Delta R.T. 0.024 min
Lab File: BF127303.D
Acq: 11 Mar 2022 16:50



Tgt Ion: 42 Resp: 16415
Ion Ratio Lower Upper
42 100
74 98.9 125.6 188.4#
44 9.9 5.7 8.5#





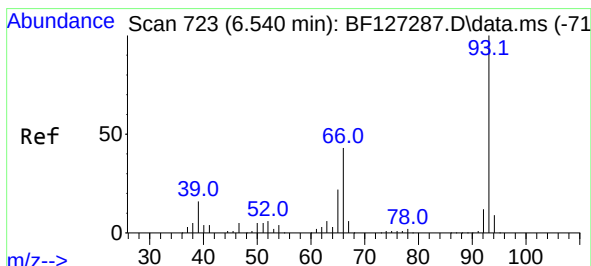
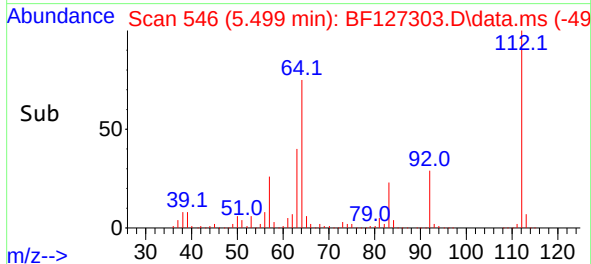
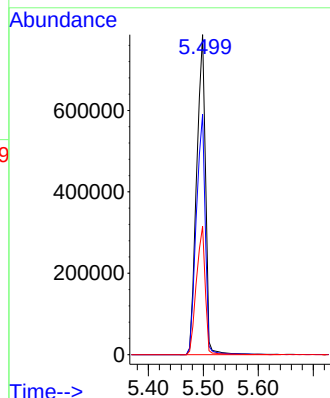
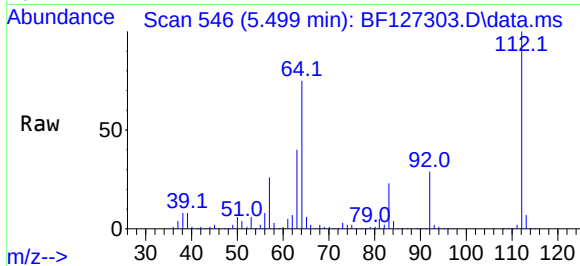
#5
2-Fluorophenol
Concen: 131.564 ng
RT: 5.499 min Scan# 545
Delta R.T. 0.006 min
Lab File: BF127303.D
Acq: 11 Mar 2022 16:50

Instrument :
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ClientSampleId :
LOD-MDL-WATER-01-QT1-2022

Tgt Ion:112 Resp: 88780
Ion Ratio Lower Upper
112 100
64 75.1 49.5 74.3
63 40.1 23.9 35.9

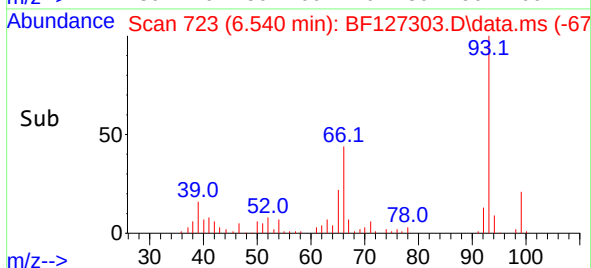
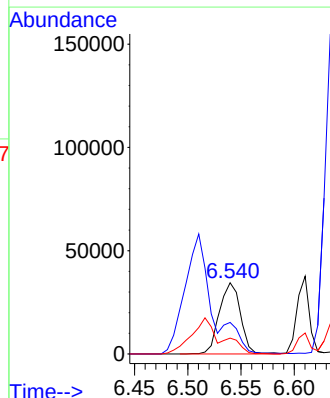
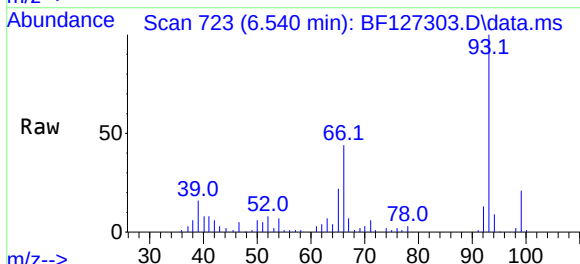
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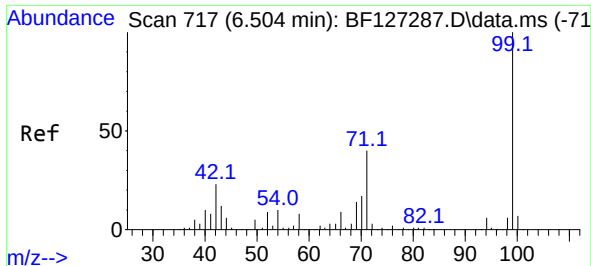
Reviewed By :Christian Giraldo 03/14/2022
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#6
Aniline
Concen: 4.287 ng
RT: 6.540 min Scan# 723
Delta R.T. 0.000 min
Lab File: BF127303.D
Acq: 11 Mar 2022 16:50

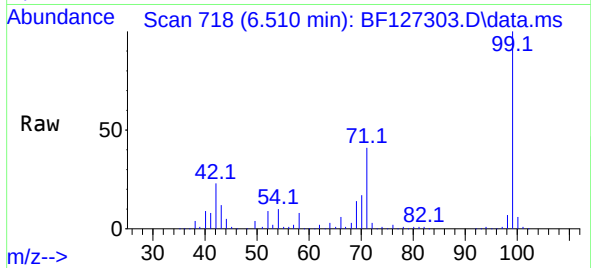
Tgt Ion: 93 Resp: 47556
Ion Ratio Lower Upper
93 100
66 44.4 32.2 48.4
65 22.3 16.3 24.5





#7
Phenol-d6
Concen: 134.687 ng
RT: 6.510 min Scan# 718
Delta R.T. 0.006 min
Lab File: BF127303.D
Acq: 11 Mar 2022 16:50

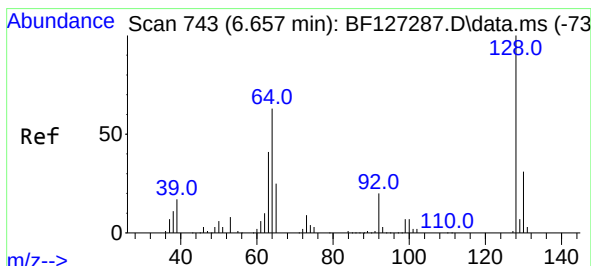
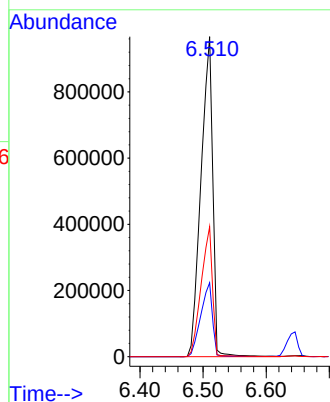
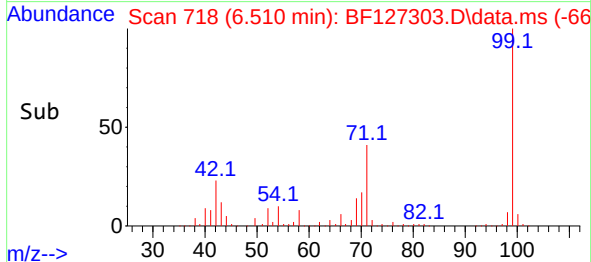
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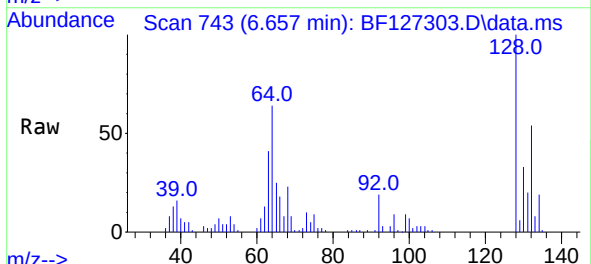
Tgt Ion: 99 Resp: 1250310
Ion Ratio Lower Upper
99 100
42 23.1 14.2 21.4
71 40.6 24.3 36.5

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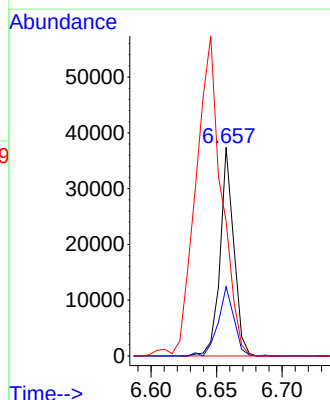
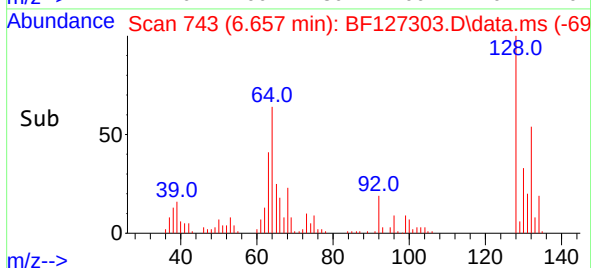
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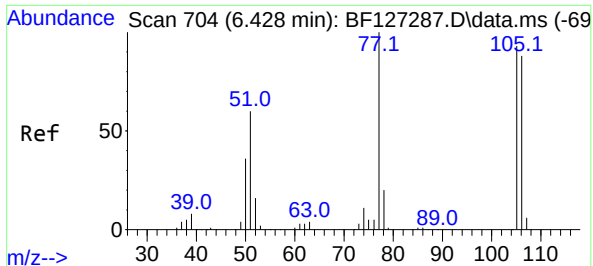


#8
2-Chlorophenol
Concen: 3.883 ng
RT: 6.657 min Scan# 743
Delta R.T. 0.000 min
Lab File: BF127303.D
Acq: 11 Mar 2022 16:50



Tgt Ion:128 Resp: 27106
Ion Ratio Lower Upper
128 100
130 33.2 12.7 52.7
64 64.5 35.6 75.6





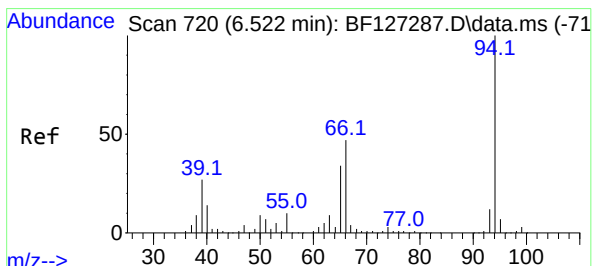
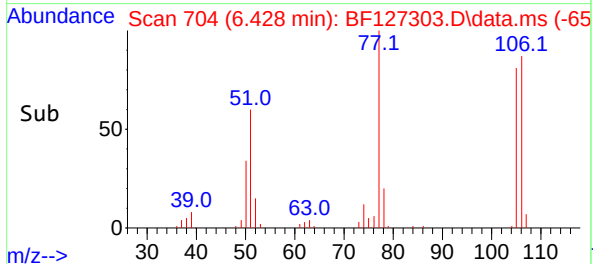
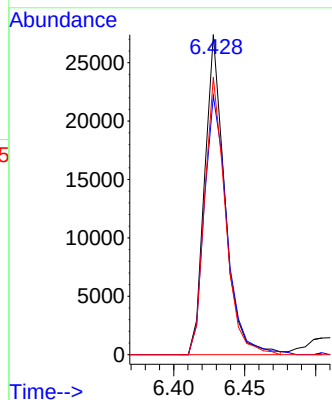
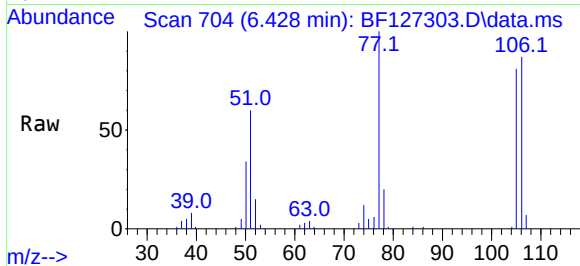
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Benzaldehyde
Concen: 4.996 ng
RT: 6.428 min Scan# 704
Delta R.T. -0.000 min
Lab File: BF127303.D
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Tgt Ion: 77 Resp: 2703
Ion Ratio Lower Upper
77 100
105 80.9 74.9 114.9
106 86.7 72.4 112.4

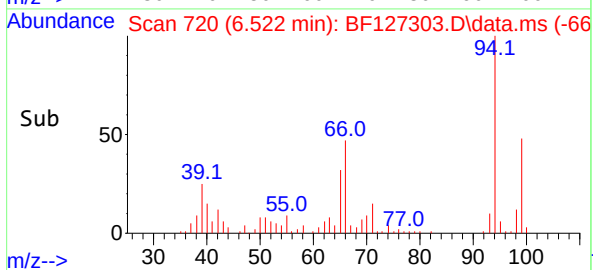
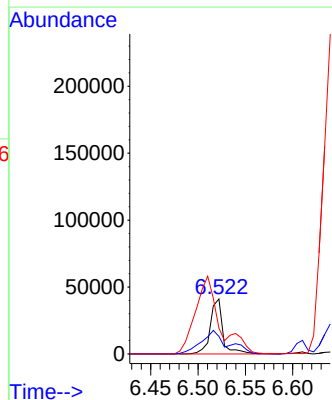
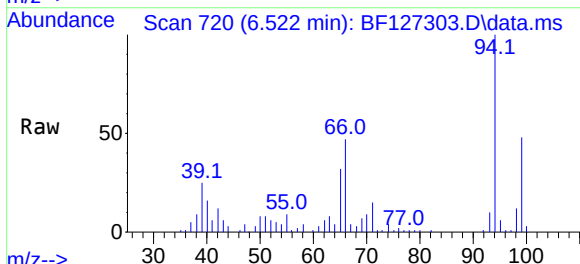
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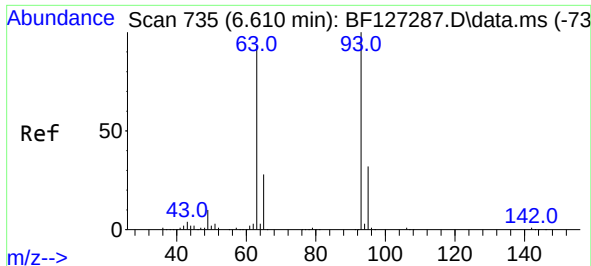
Reviewed By :Christian Giraldo 03/14/2022
Supervised By :Jagrut Upadhyay 03/14/2022



#10
Phenol
Concen: 3.724 ng
RT: 6.522 min Scan# 720
Delta R.T. 0.000 min
Lab File: BF127303.D
Acq: 11 Mar 2022 16:50

Tgt Ion: 94 Resp: 37979
Ion Ratio Lower Upper
94 100
65 32.1 7.2 47.2
66 47.3 14.5 54.5





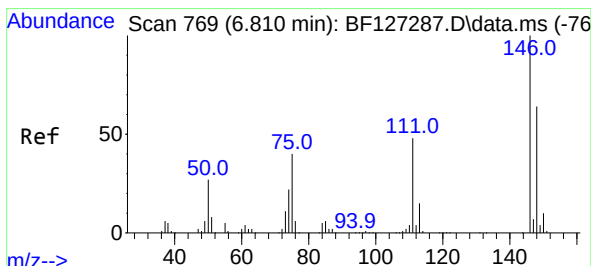
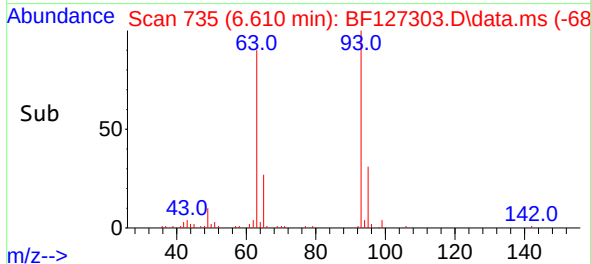
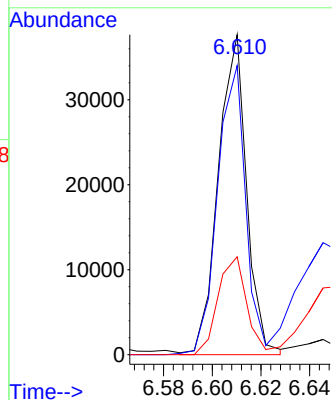
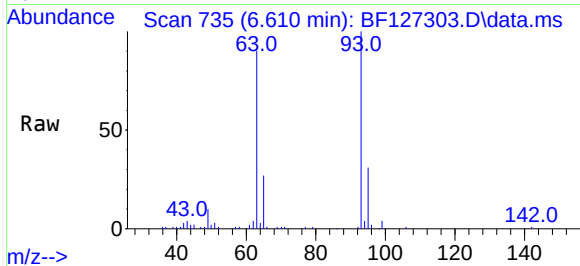
#11
bis(2-Chloroethyl)ether
Concen: 4.006 ng
RT: 6.610 min Scan# 711
Delta R.T. 0.000 min
Lab File: BF127303.D
Acq: 11 Mar 2022 16:50

Instrument :
BNA_F
ClientSampleId :
LOD-MDL-WATER-01-QT1-2022

Tgt Ion: 93 Resp: 30339
Ion Ratio Lower Upper
93 100
63 90.4 60.5 100.5
95 30.6 12.9 52.9

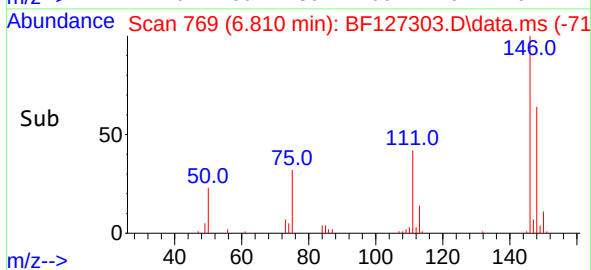
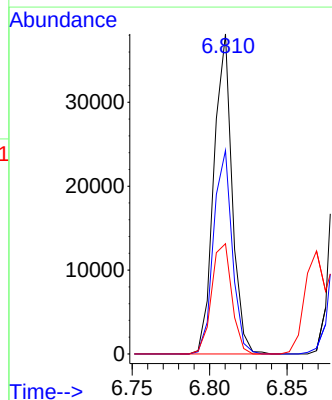
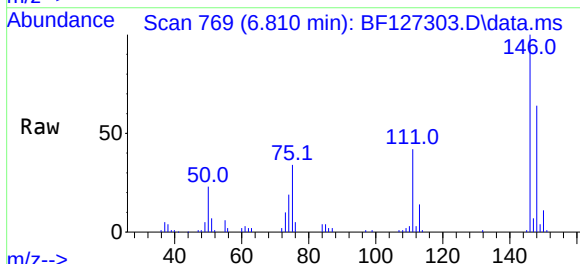
Manual Integrations
APPROVED

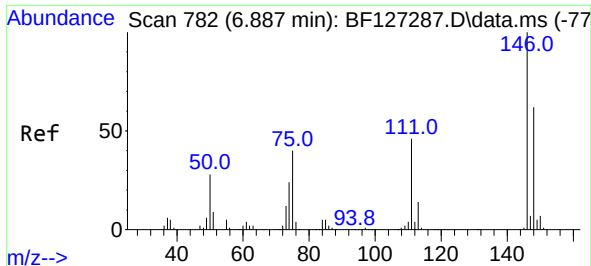
Reviewed By :Christian Giraldo 03/14/2022
Supervised By :Jagrut Upadhyay 03/14/2022



#12
1,3-Dichlorobenzene
Concen: 3.976 ng
RT: 6.810 min Scan# 769
Delta R.T. 0.000 min
Lab File: BF127303.D
Acq: 11 Mar 2022 16:50

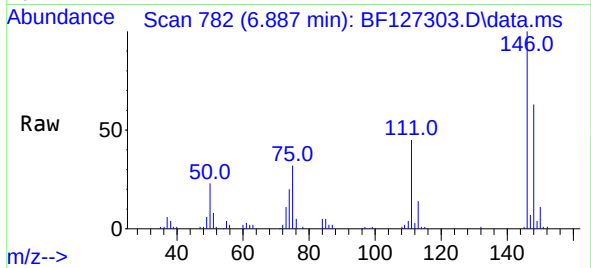
Tgt Ion:146 Resp: 31158
Ion Ratio Lower Upper
146 100
148 63.6 50.9 76.3
75 34.5 28.4 42.6





#13
1,4-Dichlorobenzene
Concen: 4.083 ng
RT: 6.887 min Scan# 782
Delta R.T. 0.000 min
Lab File: BF127303.D
Acq: 11 Mar 2022 16:50

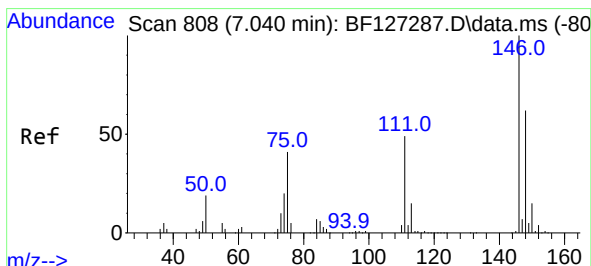
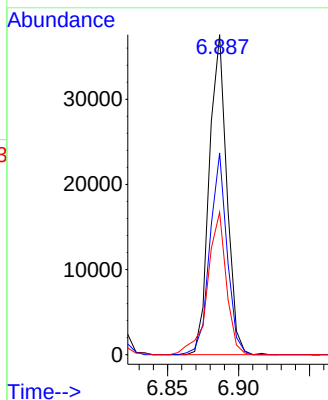
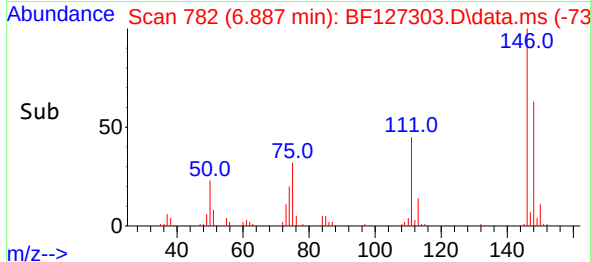
Instrument :
BNA_F
ClientSampleId :
LOD-MDL-WATER-01-QT1-2022



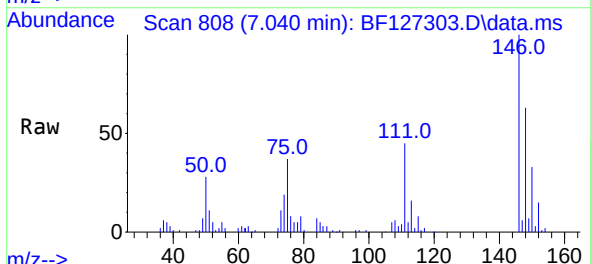
Tgt Ion:146 Resp: 3210
Ion Ratio Lower Upper
146 100
148 63.0 49.8 74.6
111 44.6 36.1 54.1

Manual Integrations
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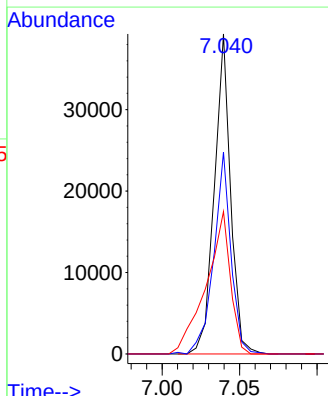
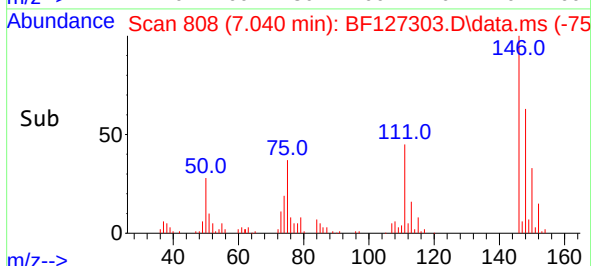
Reviewed By :Christian Giraldo 03/14/2022
Supervised By :Jagrut Upadhyay 03/14/2022

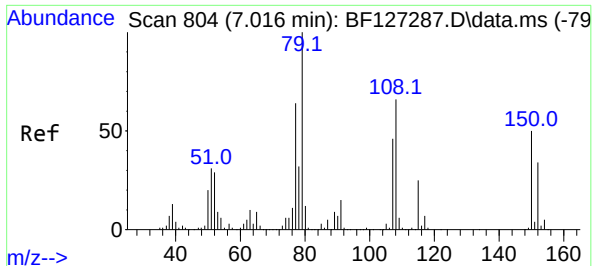


#14
1,2-Dichlorobenzene
Concen: 3.865 ng
RT: 7.040 min Scan# 808
Delta R.T. 0.000 min
Lab File: BF127303.D
Acq: 11 Mar 2022 16:50



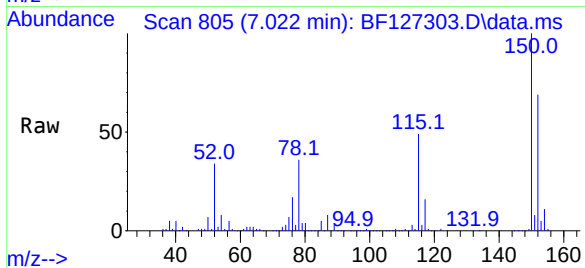
Tgt Ion:146 Resp: 28593
Ion Ratio Lower Upper
146 100
148 63.1 51.6 77.4
111 44.5 40.2 60.2





#15
Benzyl Alcohol
Concen: 3.846 ng
RT: 7.022 min Scan# 804
Delta R.T. 0.006 min
Lab File: BF127303.D
Acq: 11 Mar 2022 16:50

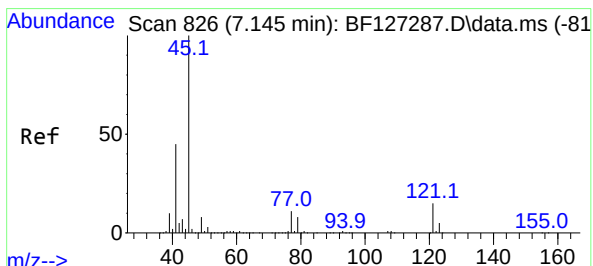
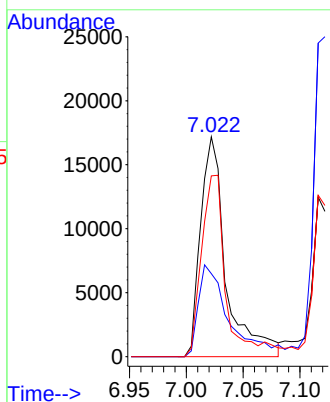
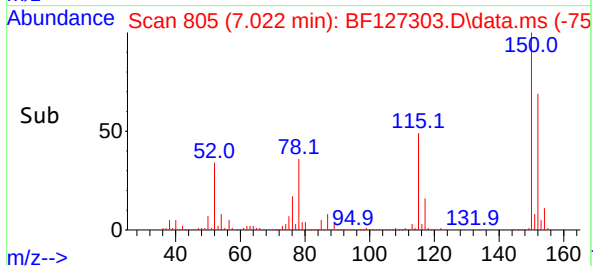
Instrument :
BNA_F
ClientSampleId :
LOD-MDL-WATER-01-QT1-2022



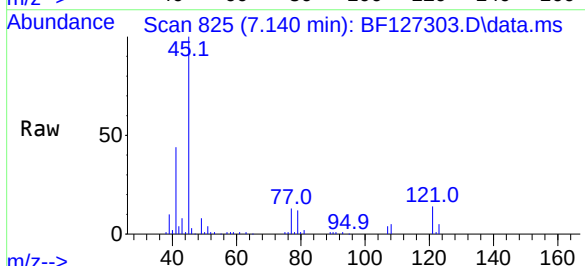
Tgt Ion: 79 Resp: 26760
Ion Ratio Lower Upper
79 100
108 37.8 63.2 94.8
77 82.3 49.4 74.2

Manual Integrations
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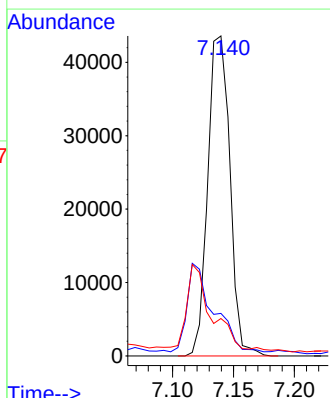
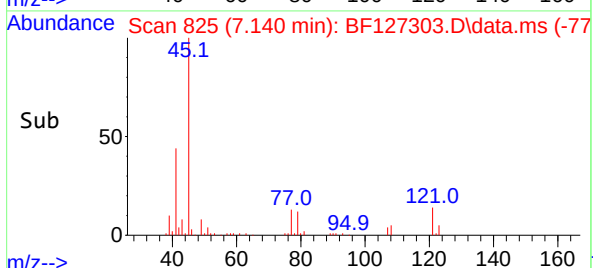
Reviewed By :Christian Giraldo 03/14/2022
Supervised By :Jagrut Upadhyay 03/14/2022

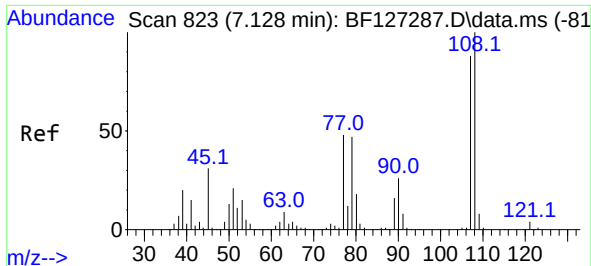


#16
2,2'-oxybis(1-Chloropropane)
Concen: 3.887 ng
RT: 7.140 min Scan# 825
Delta R.T. -0.006 min
Lab File: BF127303.D
Acq: 11 Mar 2022 16:50



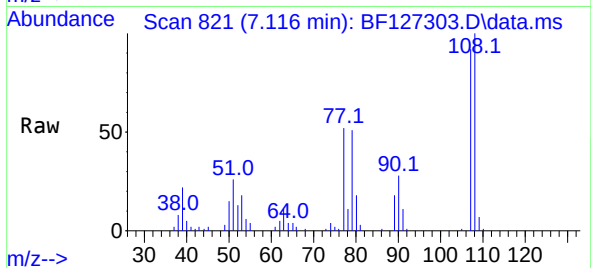
Tgt Ion: 45 Resp: 55237
Ion Ratio Lower Upper
45 100
77 13.3 0.0 32.4
79 11.7 0.0 29.8





#17
2-Methylphenol
Concen: 3.846 ng
RT: 7.116 min Scan# 81
Delta R.T. -0.012 min
Lab File: BF127303.D
Acq: 11 Mar 2022 16:50

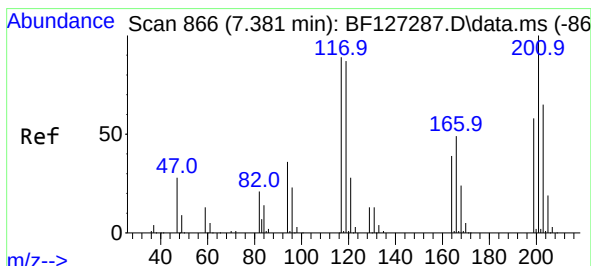
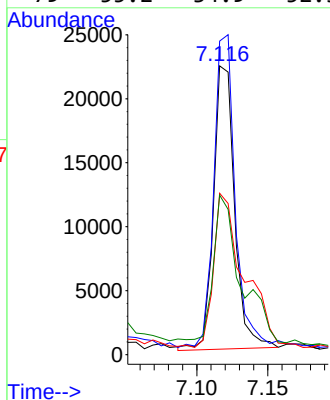
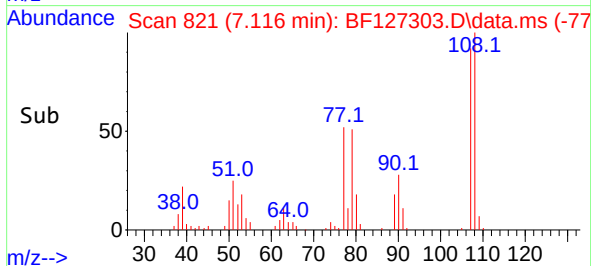
Instrument : BNA_F
ClientSampleId :
LOD-MDL-WATER-01-QT1-2022



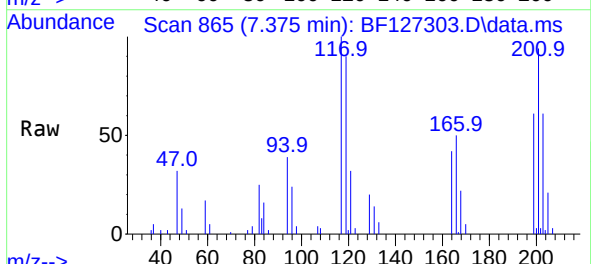
Tgt Ion:107 Resp: 22820
Ion Ratio Lower Upper
107 100
108 108.5 93.4 140.0
77 55.9 36.1 54.1
79 55.2 34.9 52.3#

Manual Integrations
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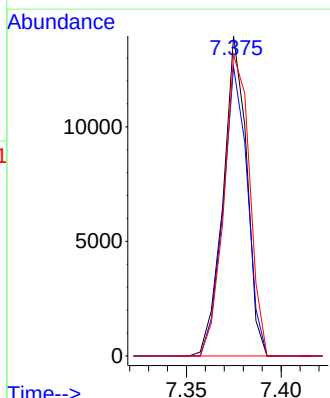
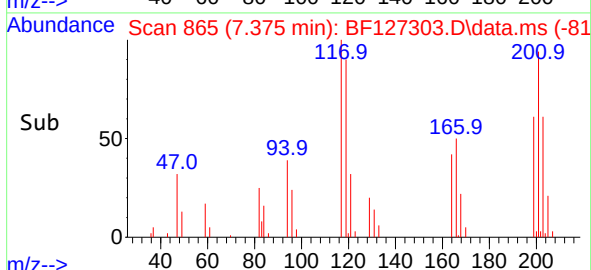
Reviewed By :Christian Giraldo 03/14/2022
Supervised By :Jagrut Upadhyay 03/14/2022

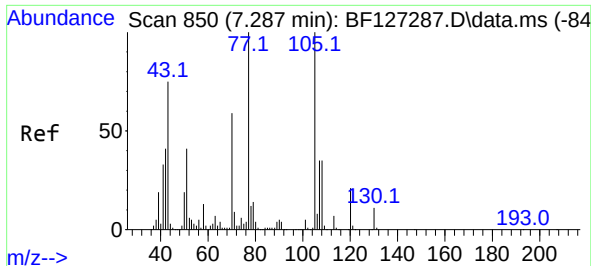


#18
Hexachloroethane
Concen: 3.992 ng
RT: 7.375 min Scan# 865
Delta R.T. -0.006 min
Lab File: BF127303.D
Acq: 11 Mar 2022 16:50



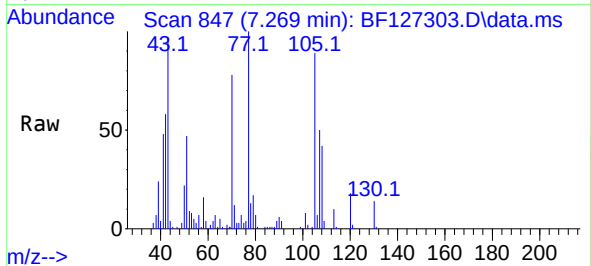
Tgt Ion:117 Resp: 12056
Ion Ratio Lower Upper
117 100
119 90.4 75.4 113.0
201 94.1 56.8 85.2#





#19
n-Nitroso-di-n-propylamine
Concen: 4.104 ng
RT: 7.269 min Scan# 847
Delta R.T. -0.018 min
Lab File: BF127303.D
Acq: 11 Mar 2022 16:50

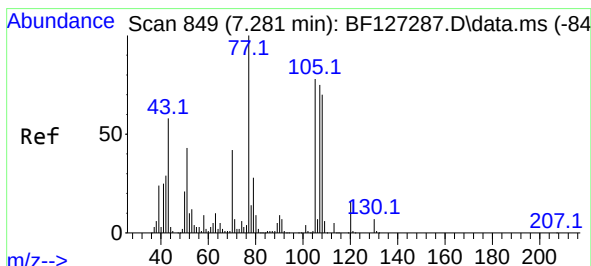
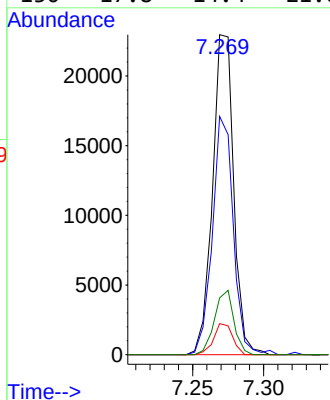
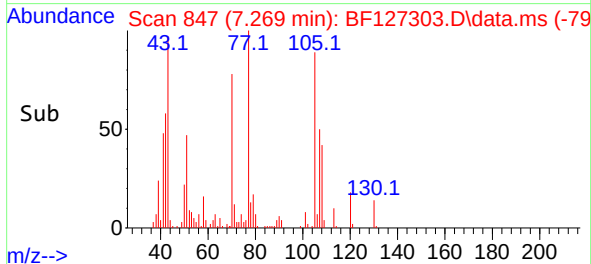
Instrument : BNA_F
ClientSampleId : LOD-MDL-WATER-01-QT1-2022



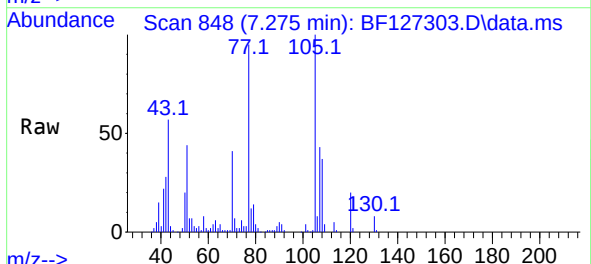
Tgt Ion: 70 Resp: 2377
Ion Ratio Lower Upper
70 100
42 74.5 45.8 68.8
101 9.7 6.9 10.3
130 17.8 14.4 21.6

Manual Integrations
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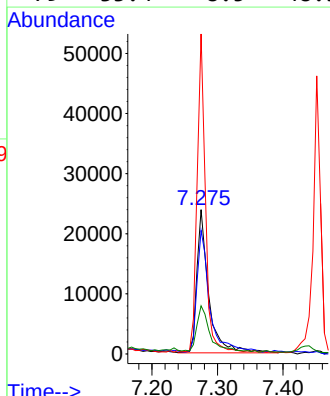
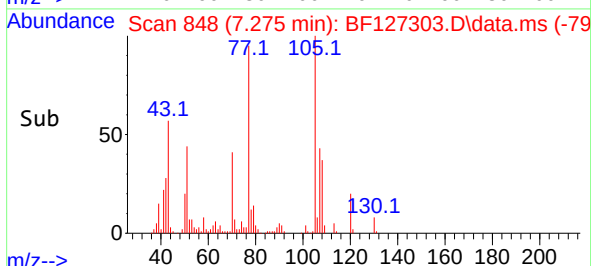
Reviewed By :Christian Giraldo 03/14/2022
Supervised By :Jagrut Upadhyay 03/14/2022

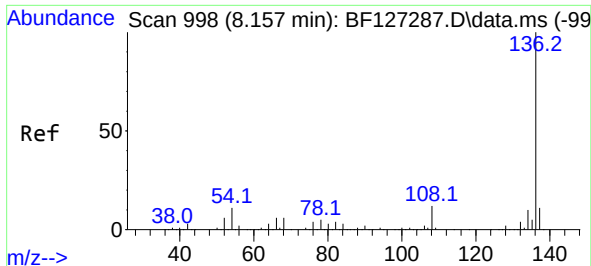


#20
3+4-Methylphenols
Concen: 3.944 ng
RT: 7.275 min Scan# 848
Delta R.T. -0.006 min
Lab File: BF127303.D
Acq: 11 Mar 2022 16:50



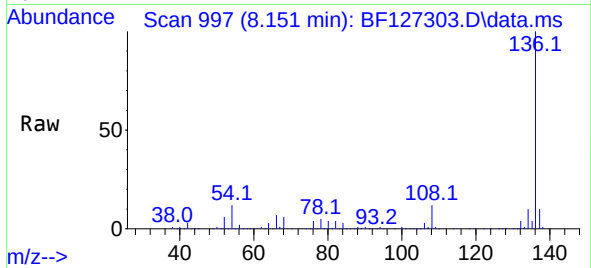
Tgt Ion:107 Resp: 30352
Ion Ratio Lower Upper
107 100
108 85.6 72.4 112.4
77 221.7 83.8 123.8
79 33.4 8.5 48.5





#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.151 min Scan# 998
Delta R.T. -0.006 min
Lab File: BF127303.D
Acq: 11 Mar 2022 16:50

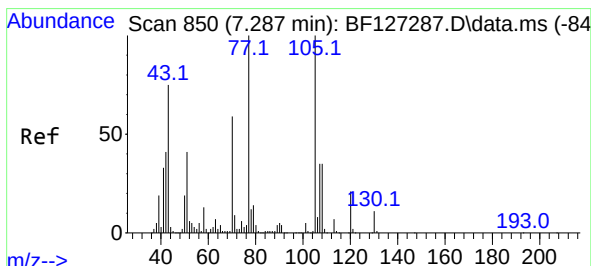
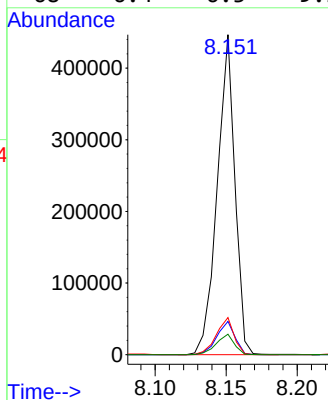
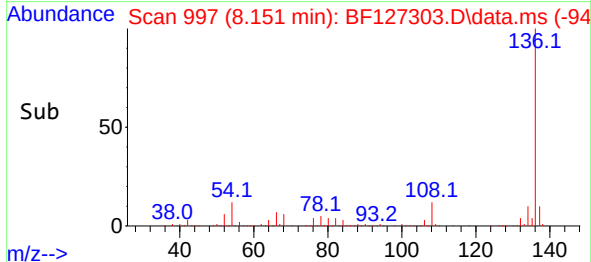
Instrument :
BNA_F
ClientSampleId :
LOD-MDL-WATER-01-QT1-2022



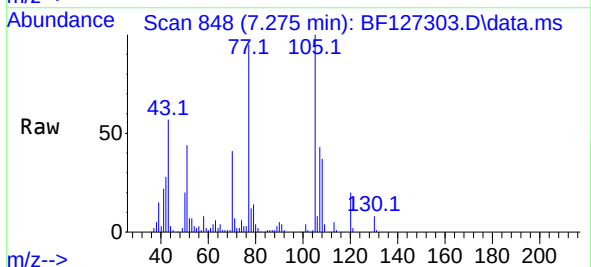
Tgt Ion:136 Resp: 386360
Ion Ratio Lower Upper
136 100
137 10.4 8.6 13.0
54 11.6 7.8 11.6
68 6.4 6.3 9.5

Manual Integrations
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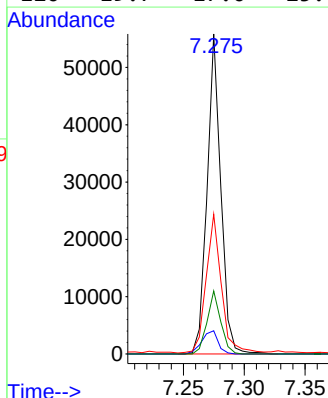
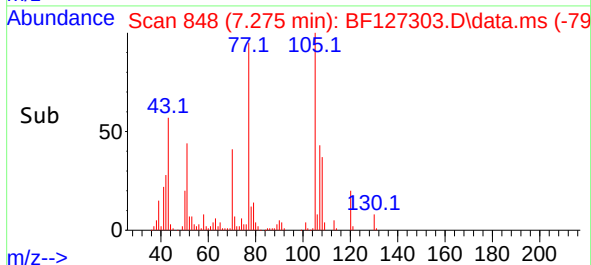
Reviewed By :Christian Giraldo 03/14/2022
Supervised By :Jagrut Upadhyay 03/14/2022

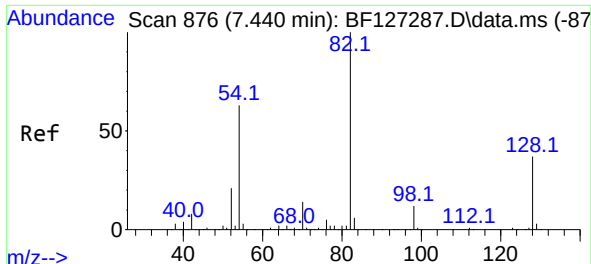


#22
Acetophenone
Concen: 4.126 ng
RT: 7.275 min Scan# 848
Delta R.T. -0.012 min
Lab File: BF127303.D
Acq: 11 Mar 2022 16:50



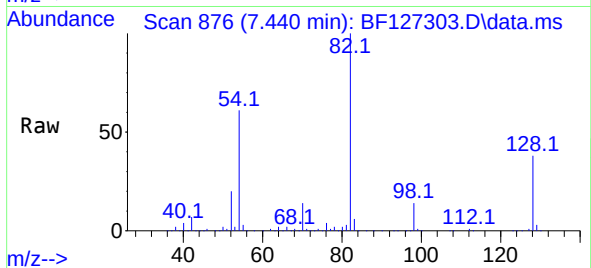
Tgt Ion:105 Resp: 43642
Ion Ratio Lower Upper
105 100
71 7.2 5.4 8.0
51 43.6 27.4 41.0#
120 19.7 17.0 25.6





#23
Nitrobenzene-d5
Concen: 75.959 ng
RT: 7.440 min Scan# 81
Delta R.T. 0.000 min
Lab File: BF127303.D
Acq: 11 Mar 2022 16:50

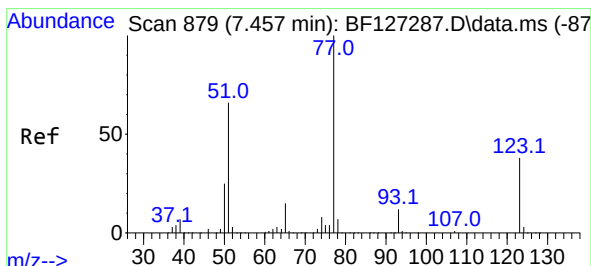
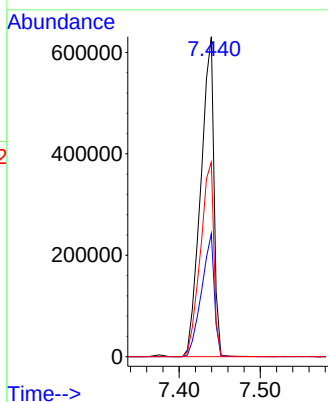
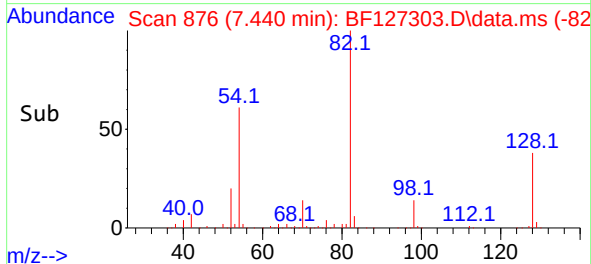
Instrument :
BNA_F
ClientSampleId :
LOD-MDL-WATER-01-QT1-2022



Tgt Ion: 82 Resp: 71062
Ion Ratio Lower Upper
82 100
128 38.4 32.7 49.1
54 60.8 41.7 62.5

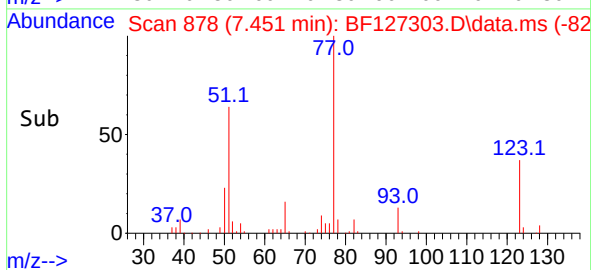
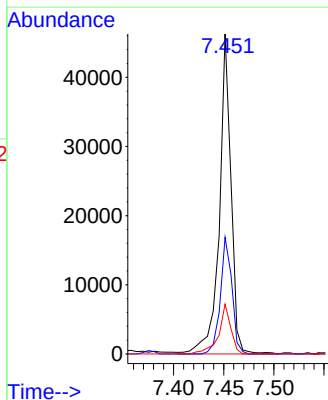
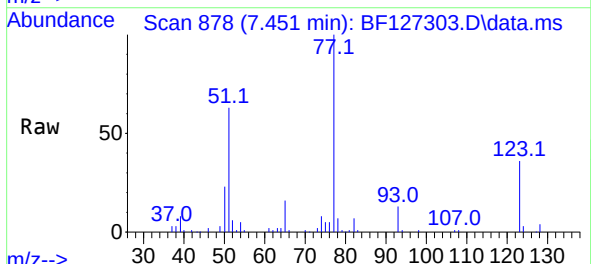
Manual Integrations
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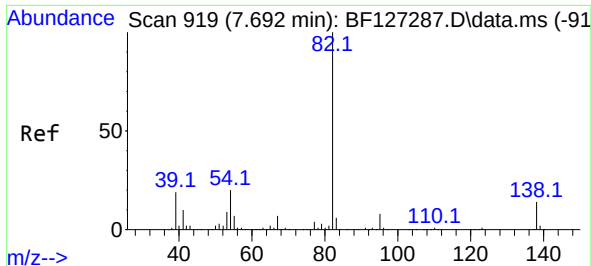
Reviewed By :Christian Giraldo 03/14/2022
Supervised By :Jagrut Upadhyay 03/14/2022



#24
Nitrobenzene
Concen: 4.224 ng
RT: 7.451 min Scan# 878
Delta R.T. -0.006 min
Lab File: BF127303.D
Acq: 11 Mar 2022 16:50

Tgt Ion: 77 Resp: 37377
Ion Ratio Lower Upper
77 100
123 36.4 34.6 52.0
65 15.6 10.6 15.8





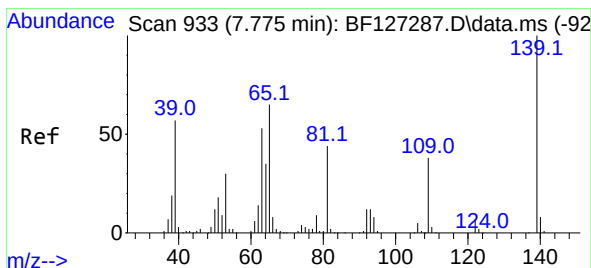
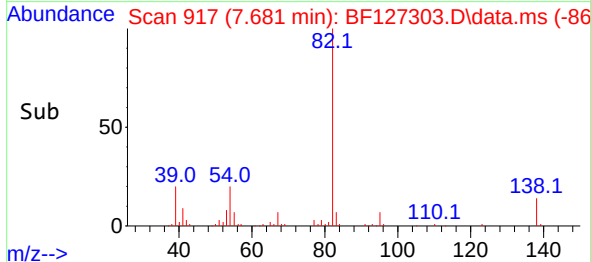
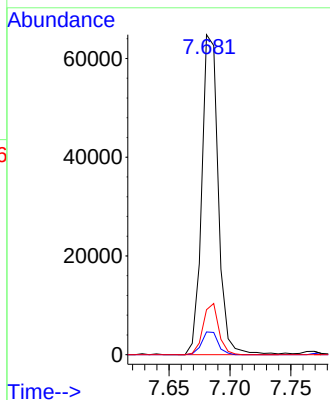
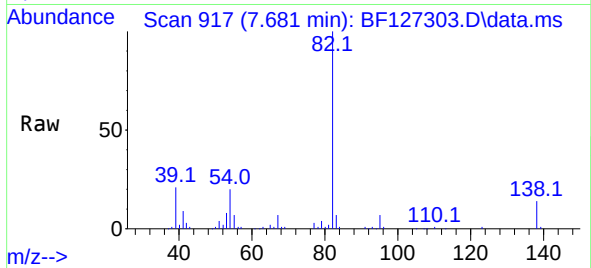
#25
Isophorone
Concen: 4.047 ng
RT: 7.681 min Scan# 919
Delta R.T. -0.012 min
Lab File: BF127303.D
Acq: 11 Mar 2022 16:50

Instrument : BNA_F
ClientSampleId :
LOD-MDL-WATER-01-QT1-2022

Tgt Ion: 82 Resp: 60879
Ion Ratio Lower Upper
82 100
95 7.1 5.0 7.4
138 14.1 12.3 18.5

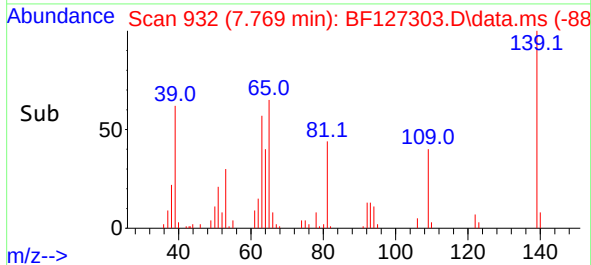
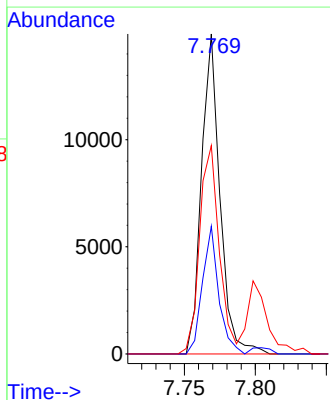
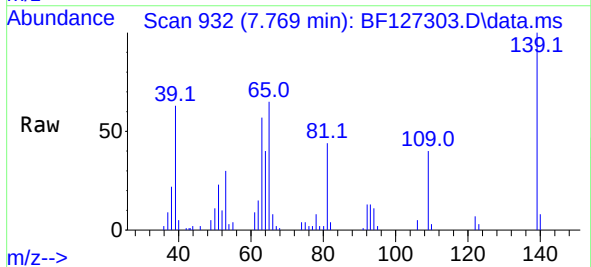
Manual Integrations
APPROVED

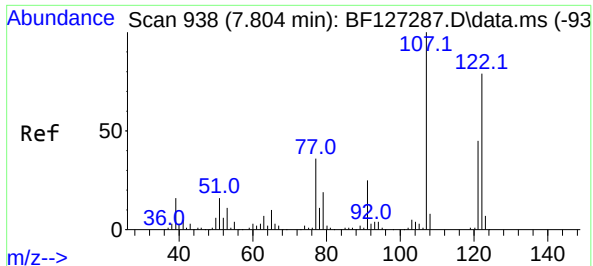
Reviewed By :Christian Giraldo 03/14/2022
Supervised By :Jagrut Upadhyay 03/14/2022



#26
2-Nitrophenol
Concen: 3.685 ng
RT: 7.769 min Scan# 932
Delta R.T. -0.006 min
Lab File: BF127303.D
Acq: 11 Mar 2022 16:50

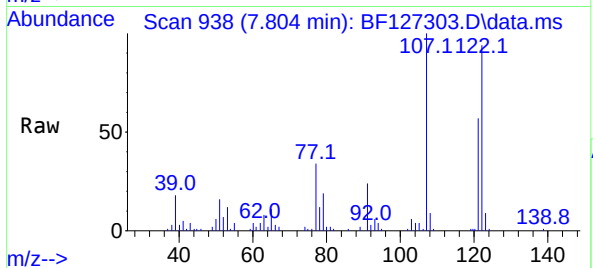
Tgt Ion:139 Resp: 13504
Ion Ratio Lower Upper
139 100
109 39.9 20.0 30.0#
65 65.1 40.8 61.2#





#27
2,4-Dimethylphenol
Concen: 4.280 ng
RT: 7.804 min Scan# 91
Delta R.T. 0.000 min
Lab File: BF127303.D
Acq: 11 Mar 2022 16:50

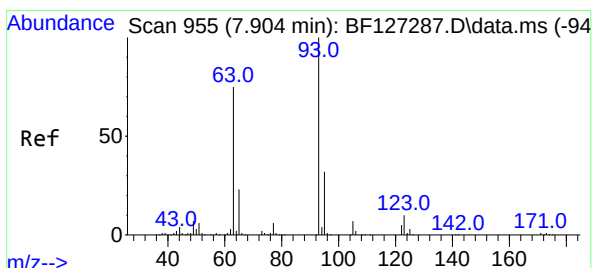
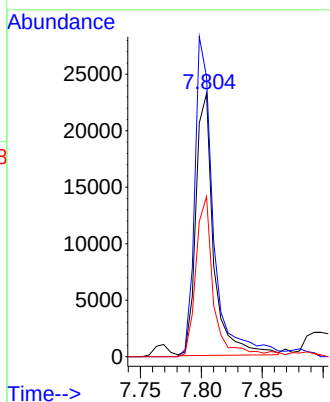
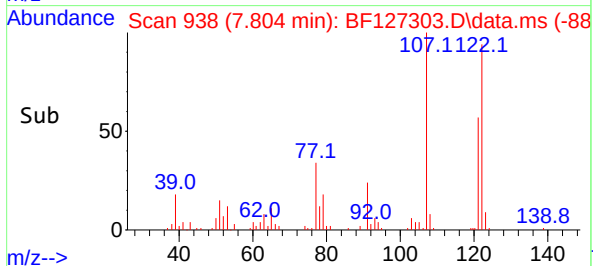
Instrument :
BNA_F
ClientSampleId :
LOD-MDL-WATER-01-QT1-2022



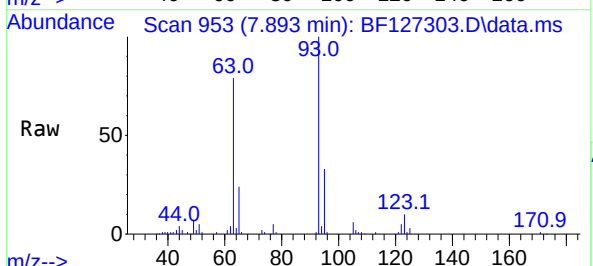
Tgt Ion:122 Resp: 2354
Ion Ratio Lower Upper
122 100
107 106.5 91.2 136.8
121 60.9 44.4 66.6

Manual Integrations
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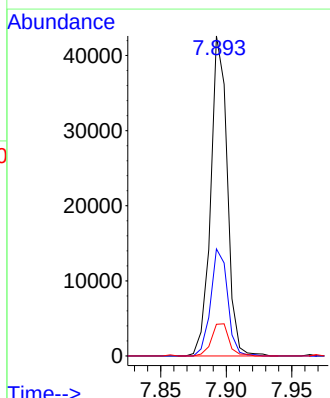
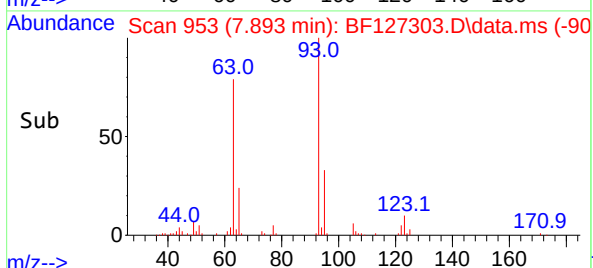
Reviewed By :Christian Giraldo 03/14/2022
Supervised By :Jagrut Upadhyay 03/14/2022

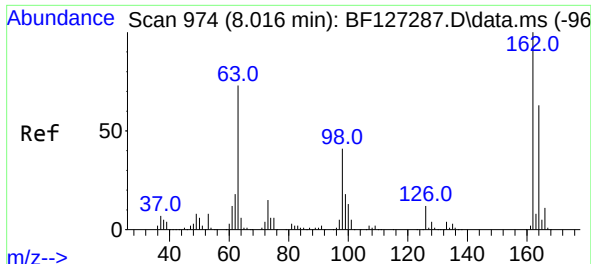


#28
bis(2-Chloroethoxy)methane
Concen: 3.930 ng
RT: 7.893 min Scan# 953
Delta R.T. -0.012 min
Lab File: BF127303.D
Acq: 11 Mar 2022 16:50



Tgt Ion: 93 Resp: 37462
Ion Ratio Lower Upper
93 100
95 33.4 25.4 38.2
123 9.9 8.9 13.3





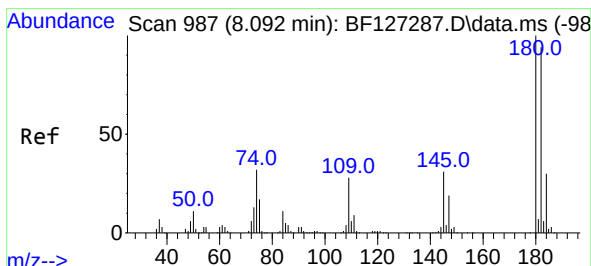
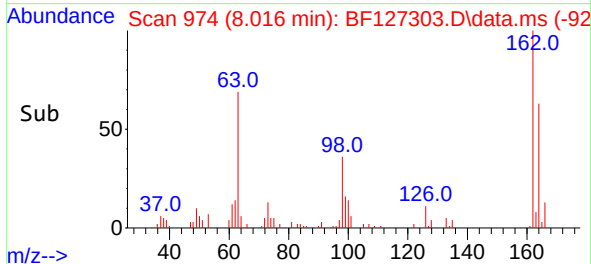
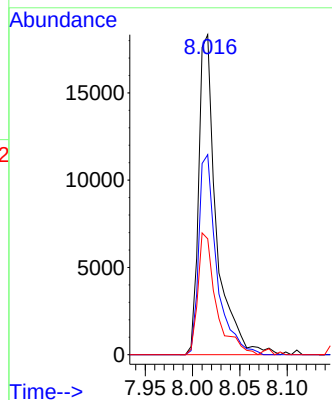
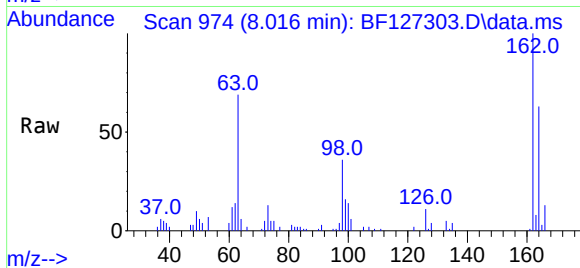
#29
2,4-Dichlorophenol
Concen: 3.781 ng
RT: 8.016 min Scan# 91
Delta R.T. 0.000 min
Lab File: BF127303.D
Acq: 11 Mar 2022 16:50

Instrument :
BNA_F
ClientSampleId :
LOD-MDL-WATER-01-QT1-2022

Tgt Ion:162 Resp: 2382
Ion Ratio Lower Upper
162 100
164 62.5 43.8 83.8
98 36.2 23.6 63.6

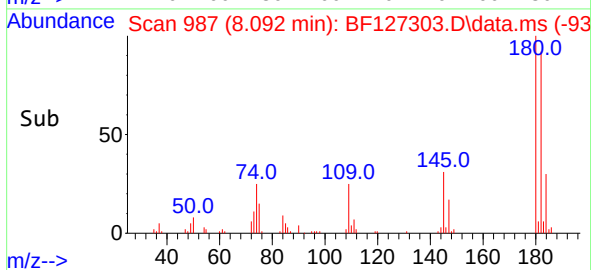
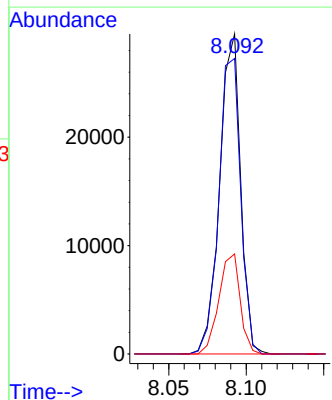
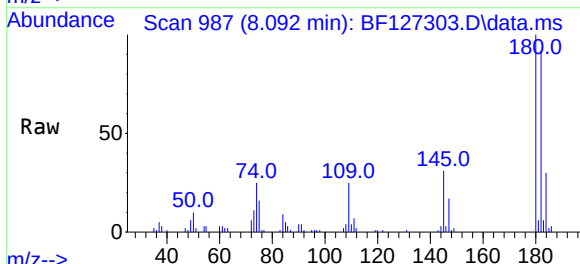
Manual Integrations
APPROVED

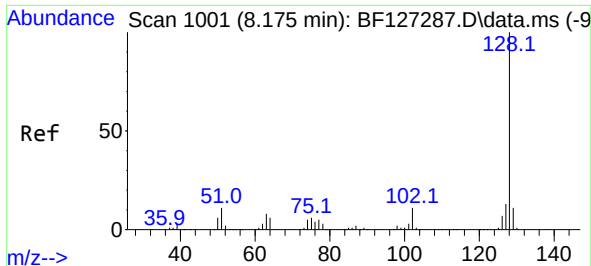
Reviewed By :Christian Giraldo 03/14/2022
Supervised By :Jagrut Upadhyay 03/14/2022



#30
1,2,4-Trichlorobenzene
Concen: 3.863 ng
RT: 8.092 min Scan# 987
Delta R.T. 0.000 min
Lab File: BF127303.D
Acq: 11 Mar 2022 16:50

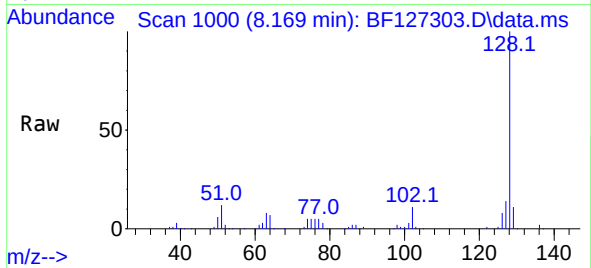
Tgt Ion:180 Resp: 27746
Ion Ratio Lower Upper
180 100
182 92.3 75.5 113.3
145 31.3 26.2 39.2





#31
Naphthalene
Concen: 3.980 ng
RT: 8.169 min Scan# 1001
Delta R.T. -0.006 min
Lab File: BF127303.D
Acq: 11 Mar 2022 16:50

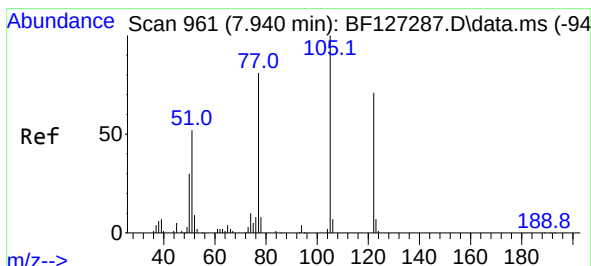
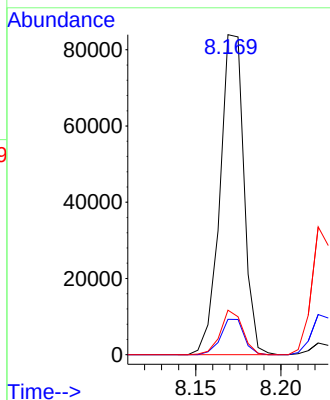
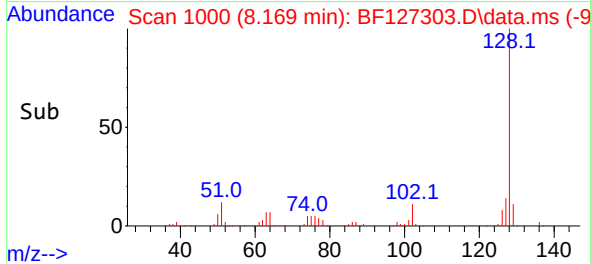
Instrument :
BNA_F
ClientSampleId :
LOD-MDL-WATER-01-QT1-2022



Tgt Ion:128 Resp: 8202
Ion Ratio Lower Upper
128 100
129 11.0 8.6 13.0
127 13.9 10.3 15.5

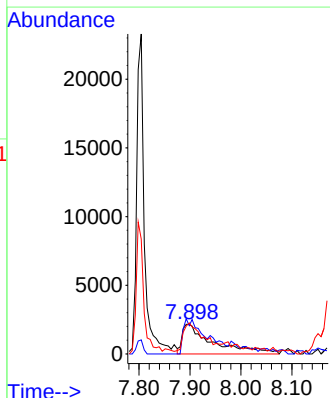
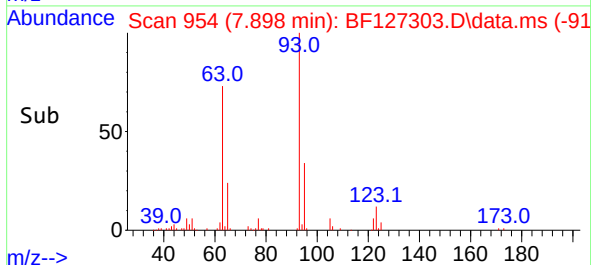
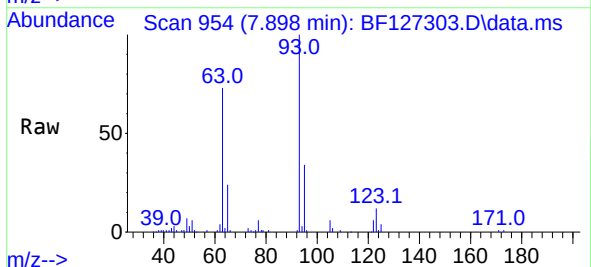
Manual Integrations
APPROVED

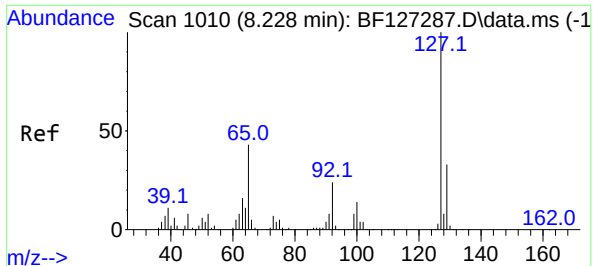
Reviewed By :Christian Giraldo 03/14/2022
Supervised By :Jagrut Upadhyay 03/14/2022



#32
Benzoic acid
Concen: 2.654 ng m
RT: 7.898 min Scan# 954
Delta R.T. -0.042 min
Lab File: BF127303.D
Acq: 11 Mar 2022 16:50

Tgt Ion:122 Resp: 9058
Ion Ratio Lower Upper
122 100
105 95.4 101.0 141.0#
77 104.9 74.5 114.5





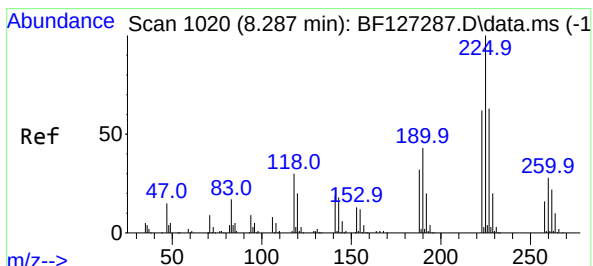
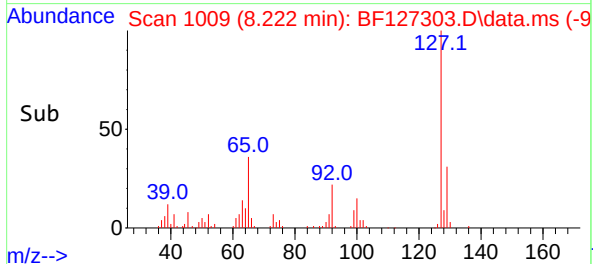
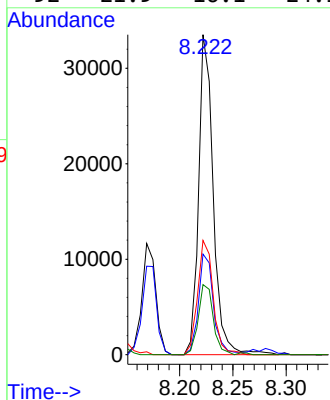
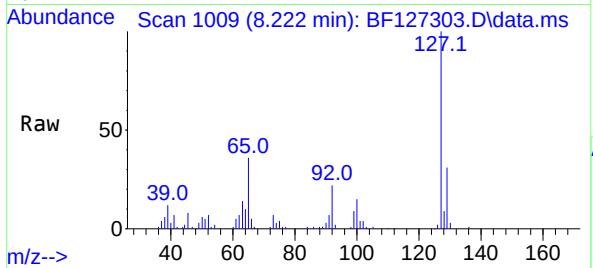
#33
4-Chloroaniline
Concen: 4.030 ng
RT: 8.222 min Scan# 1010
Delta R.T. -0.006 min
Lab File: BF127303.D
Acq: 11 Mar 2022 16:50

Instrument :
BNA_F
ClientSampleId :
LOD-MDL-WATER-01-QT1-2022

Tgt Ion	Ratio	Lower	Upper
127	100		
129	31.5	26.5	39.7
65	35.7	26.6	39.8
92	21.9	16.1	24.1

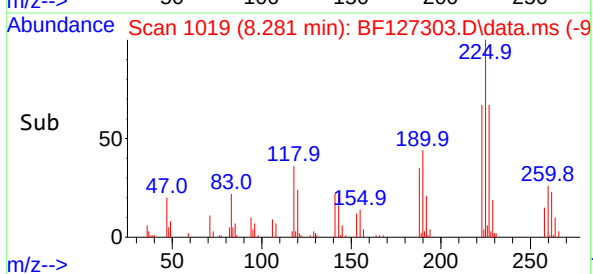
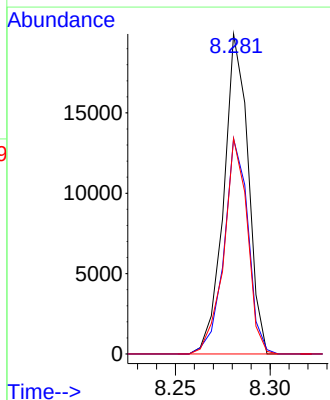
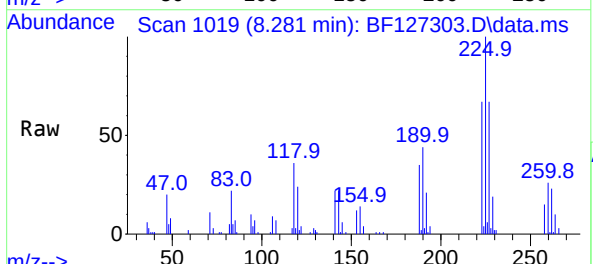
Manual Integrations
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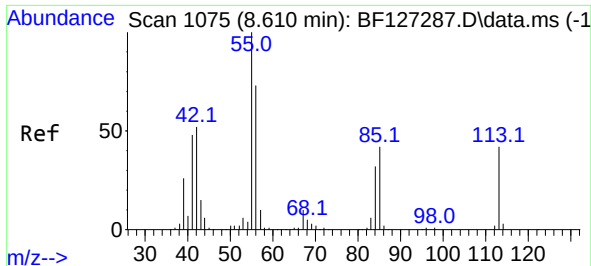
Reviewed By :Christian Giraldo 03/14/2022
Supervised By :Jagrut Upadhyay 03/14/2022



#34
Hexachlorobutadiene
Concen: 3.713 ng
RT: 8.281 min Scan# 1019
Delta R.T. -0.006 min
Lab File: BF127303.D
Acq: 11 Mar 2022 16:50

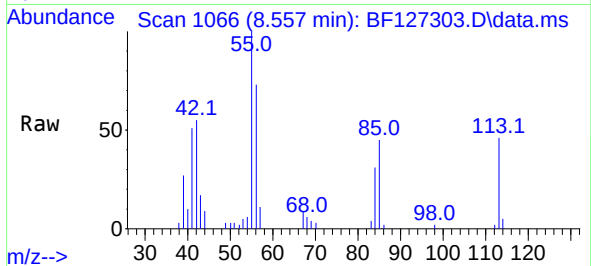
Tgt Ion	Ratio	Lower	Upper
225	100		
223	67.3	48.6	73.0
227	67.3	51.4	77.0





#35
 Caprolactam
 Concen: 3.523 ng
 RT: 8.557 min Scan# 1066
 Delta R.T. -0.053 min
 Lab File: BF127303.D
 Acq: 11 Mar 2022 16:50

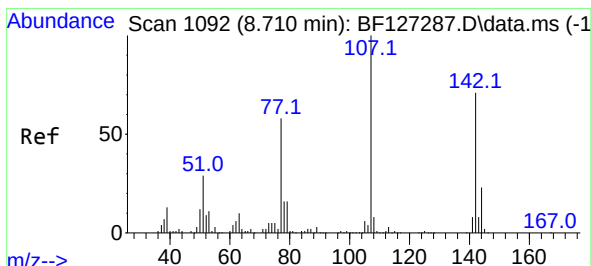
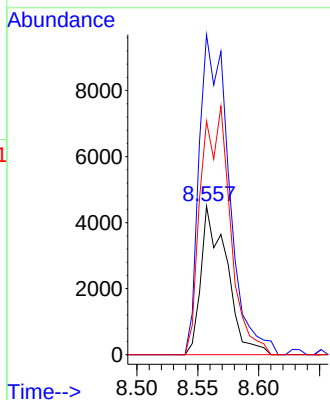
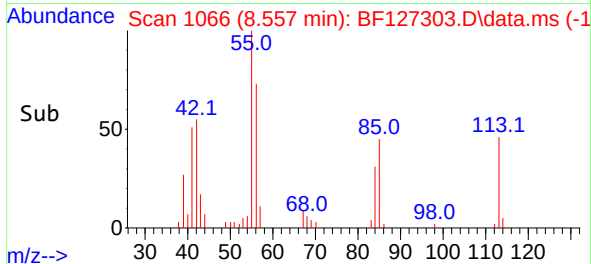
Instrument :
 BNA_F
 ClientSampleId :
 LOD-MDL-WATER-01-QT1-2022



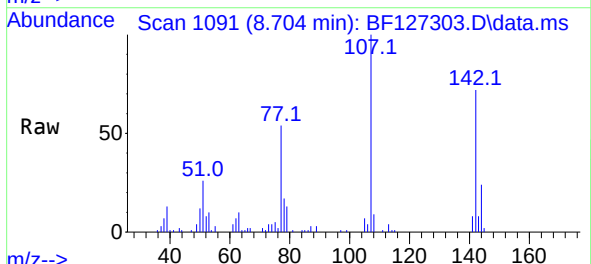
Tgt Ion:113 Resp: 6630
 Ion Ratio Lower Upper
 113 100
 55 215.2 183.9 223.9
 56 157.2 129.9 169.9

Manual Integrations
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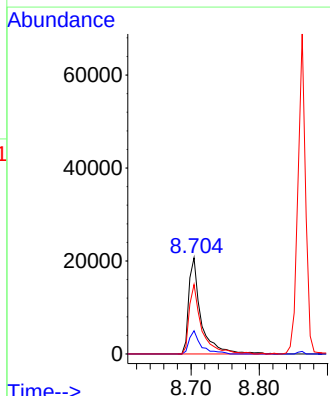
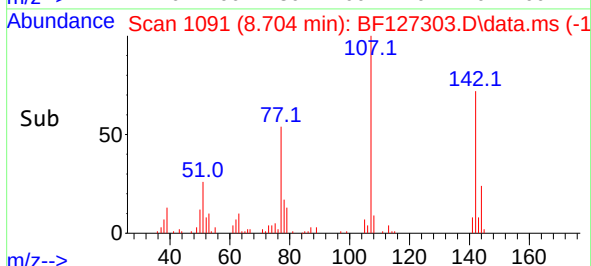
Reviewed By :Christian Giraldo 03/14/2022
 Supervised By :Jagrut Upadhyay 03/14/2022

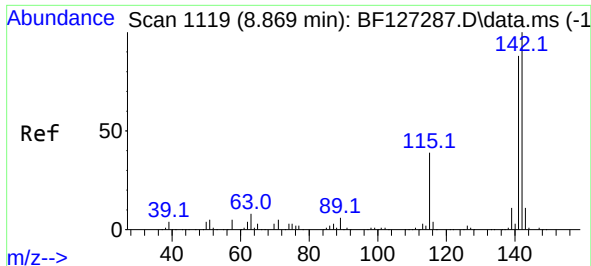


#36
 4-Chloro-3-methylphenol
 Concen: 3.773 ng
 RT: 8.704 min Scan# 1091
 Delta R.T. -0.006 min
 Lab File: BF127303.D
 Acq: 11 Mar 2022 16:50



Tgt Ion:107 Resp: 25762
 Ion Ratio Lower Upper
 107 100
 144 24.2 18.5 27.7
 142 72.2 58.1 87.1





#37

2-Methylnaphthalene

Concen: 3.998 ng

RT: 8.863 min Scan# 1118

Delta R.T. -0.006 min

Lab File: BF127303.D

Acq: 11 Mar 2022 16:50

Instrument :

BNA_F

ClientSampleId :

LOD-MDL-WATER-01-QT1-2022

Tgt Ion:142 Resp: 53834

Ion Ratio Lower Upper

142 100

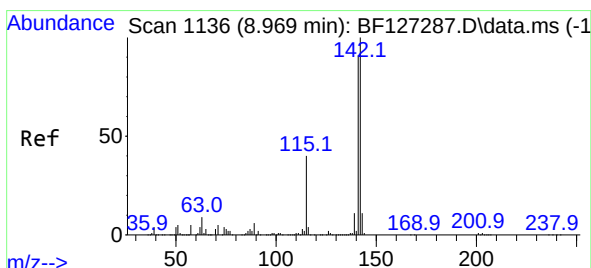
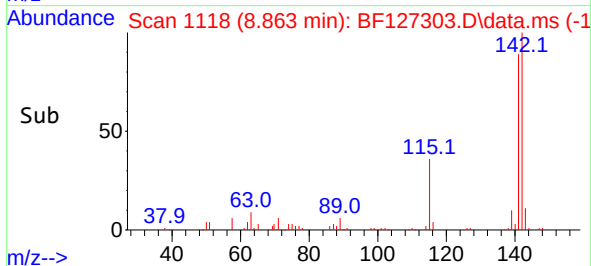
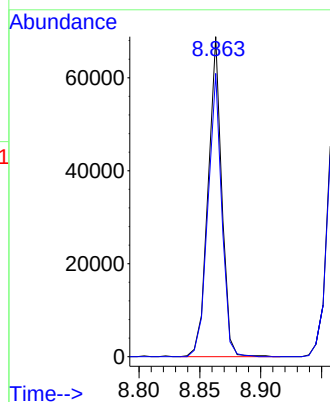
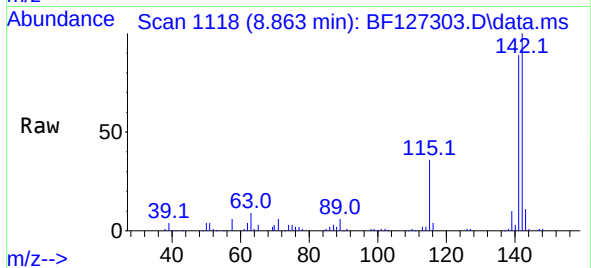
141 88.5 68.6 102.8

Manual Integrations

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Reviewed By :Christian Giraldo 03/14/2022

Supervised By :Jagrut Upadhyay 03/14/2022



#38

1-Methylnaphthalene

Concen: 4.036 ng

RT: 8.963 min Scan# 1135

Delta R.T. -0.006 min

Lab File: BF127303.D

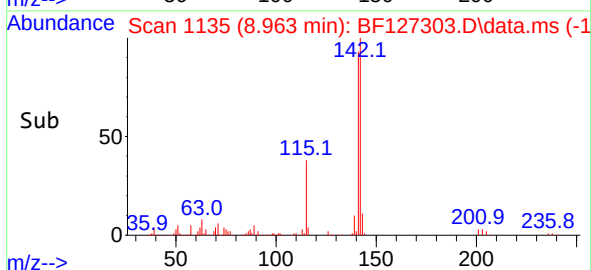
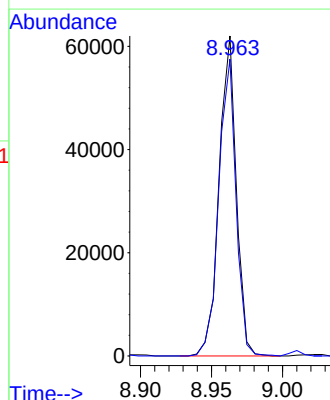
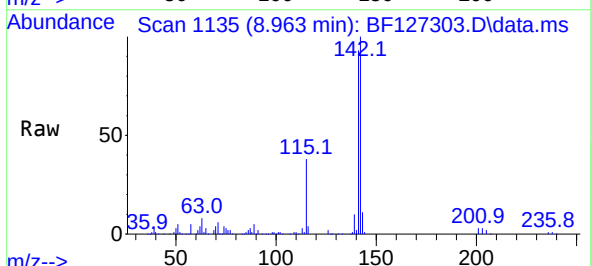
Acq: 11 Mar 2022 16:50

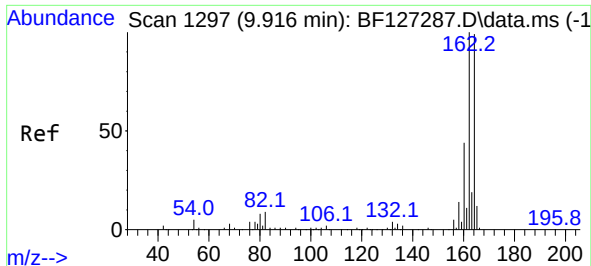
Tgt Ion:142 Resp: 52254

Ion Ratio Lower Upper

142 100

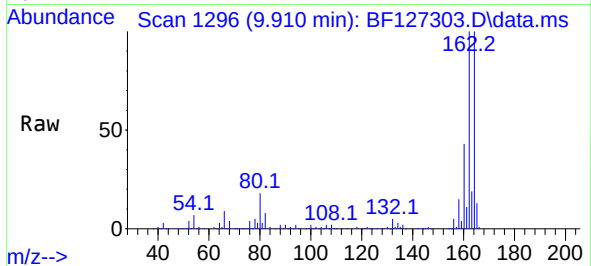
141 92.7 72.1 108.1





#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.910 min Scan# 1146
Delta R.T. -0.006 min
Lab File: BF127303.D
Acq: 11 Mar 2022 16:50

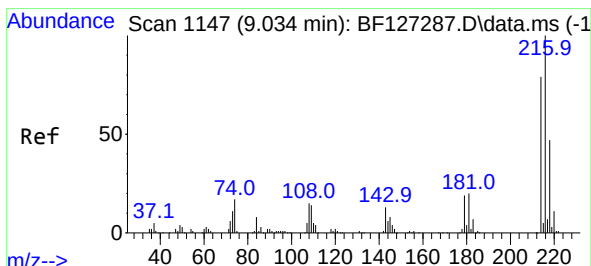
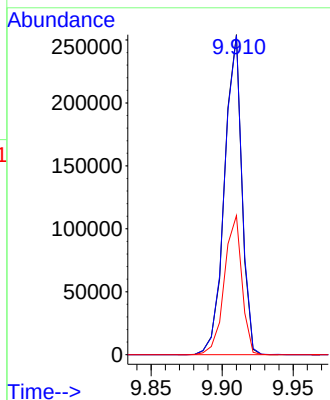
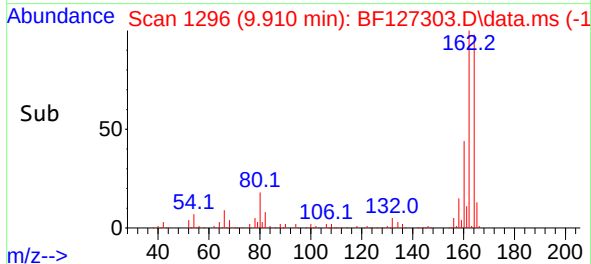
Instrument :
BNA_F
ClientSampleId :
LOD-MDL-WATER-01-QT1-2022



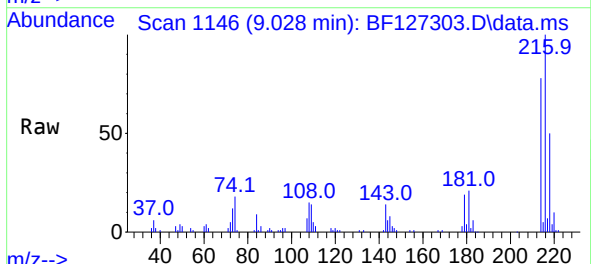
Tgt Ion:164 Resp: 214270
Ion Ratio Lower Upper
164 100
162 99.7 81.4 122.0
160 43.5 36.6 54.8

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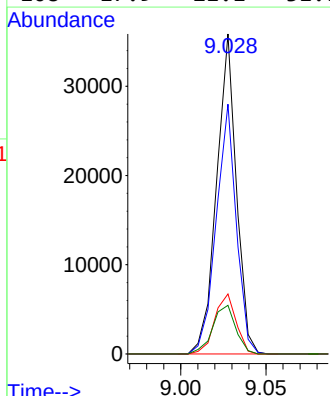
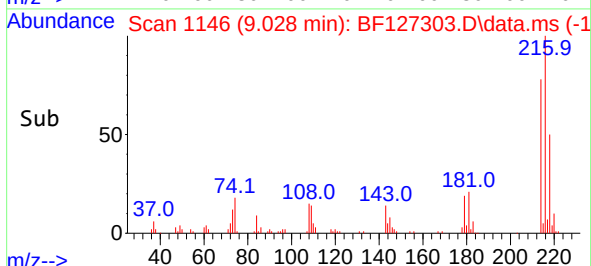
Reviewed By :Christian Giraldo 03/14/2022
Supervised By :Jagrut Upadhyay 03/14/2022

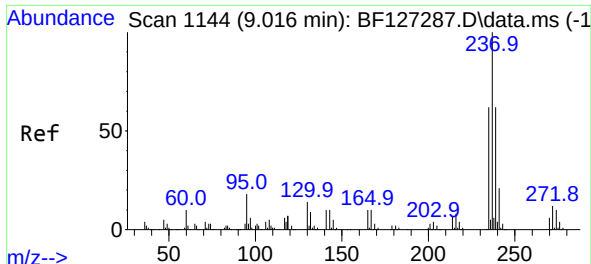


#40
1,2,4,5-Tetrachlorobenzene
Concen: 4.279 ng
RT: 9.028 min Scan# 1146
Delta R.T. -0.006 min
Lab File: BF127303.D
Acq: 11 Mar 2022 16:50



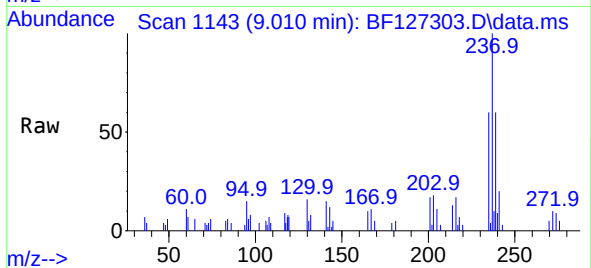
Tgt Ion:216 Resp: 29024
Ion Ratio Lower Upper
216 100
214 79.2 64.6 96.8
179 20.3 19.5 29.3
108 17.9 21.1 31.7#





#41
Hexachlorocyclopentadiene
Concen: 2.056 ng
RT: 9.010 min Scan# 1144
Delta R.T. -0.006 min
Lab File: BF127303.D
Acq: 11 Mar 2022 16:50

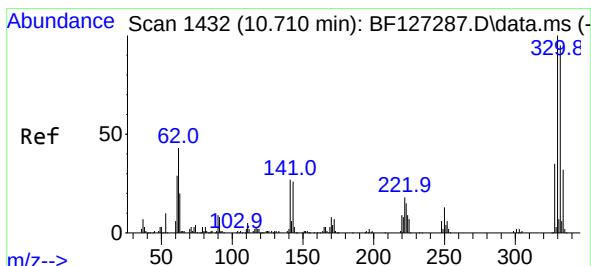
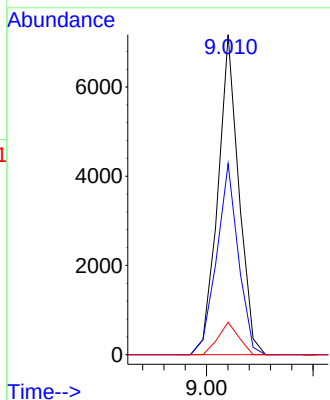
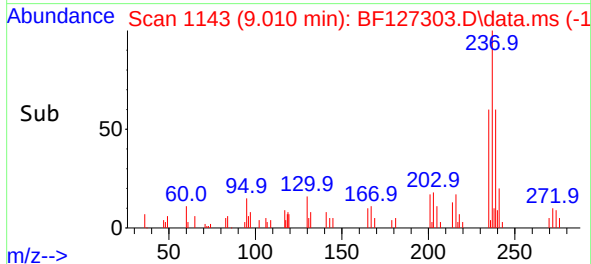
Instrument :
BNA_F
ClientSampleId :
LOD-MDL-WATER-01-QT1-2022



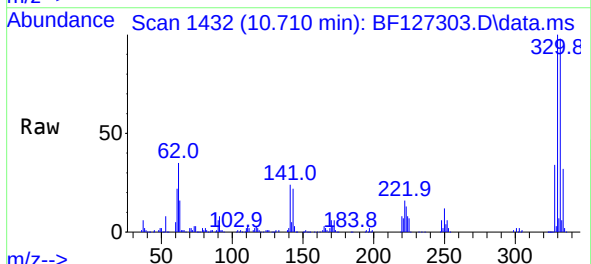
Tgt Ion:237 Resp: 4900
Ion Ratio Lower Upper
237 100
235 59.7 38.9 78.9
272 10.1 0.0 33.5

Manual Integrations
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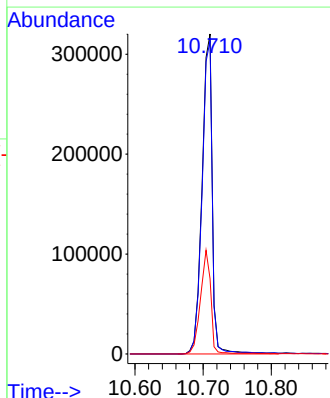
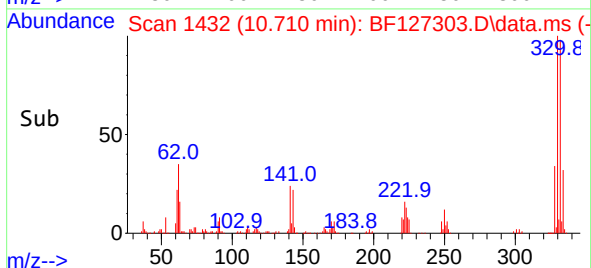
Reviewed By :Christian Giraldo 03/14/2022
Supervised By :Jagrut Upadhyay 03/14/2022

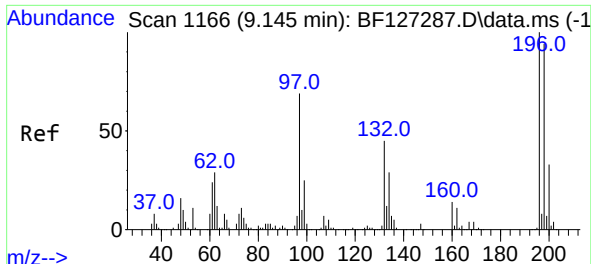


#42
2,4,6-Tribromophenol
Concen: 144.720 ng
RT: 10.710 min Scan# 1432
Delta R.T. 0.000 min
Lab File: BF127303.D
Acq: 11 Mar 2022 16:50



Tgt Ion:330 Resp: 333820
Ion Ratio Lower Upper
330 100
332 97.9 76.0 114.0
141 32.6 30.1 45.1





#43

2,4,6-Trichlorophenol

Concen: 3.755 ng

RT: 9.145 min Scan# 1166

Delta R.T. 0.000 min

Lab File: BF127303.D

Acq: 11 Mar 2022 16:50

Instrument :

BNA_F

ClientSampleId :

LOD-MDL-WATER-01-QT1-2022

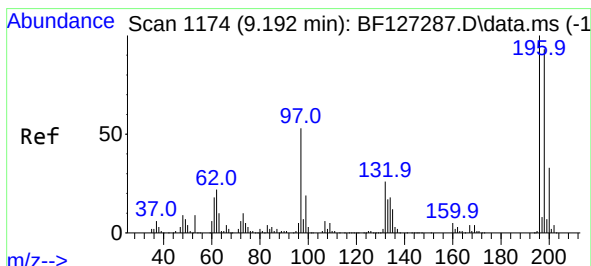
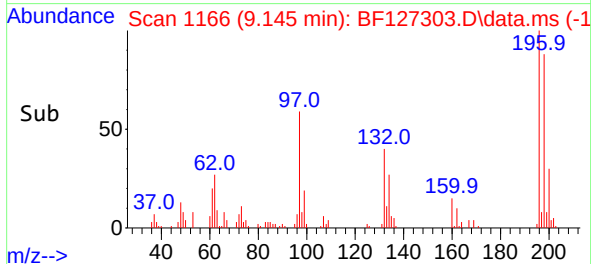
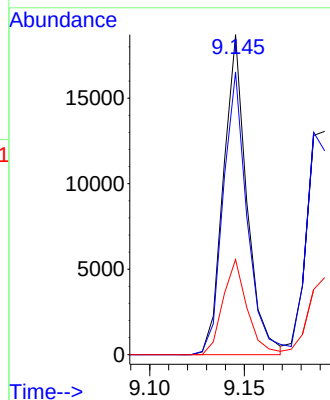
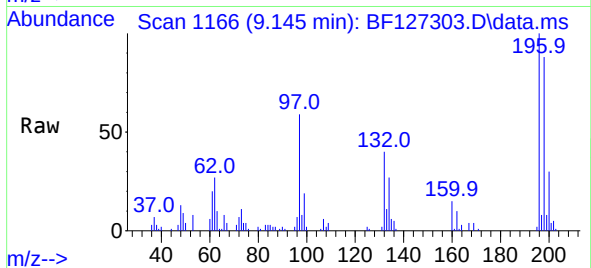
Tgt Ion:196 Resp: 16078
 Ion Ratio Lower Upper
 196 100
 198 88.3 78.5 117.7
 200 29.8 24.9 37.3

Manual Integrations

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Reviewed By :Christian Giraldo 03/14/2022

Supervised By :Jagrut Upadhyay 03/14/2022



#44

2,4,5-Trichlorophenol

Concen: 3.716 ng m

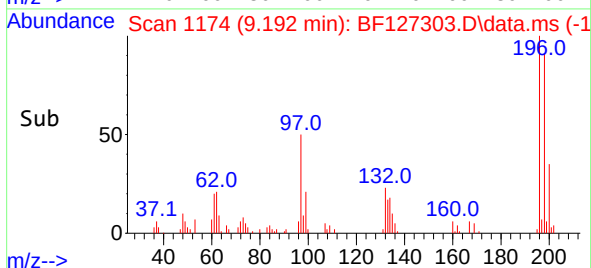
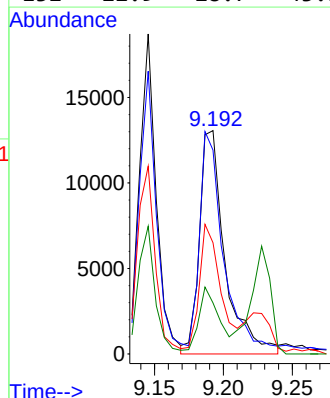
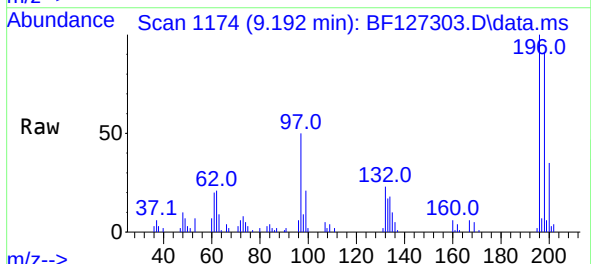
RT: 9.192 min Scan# 1174

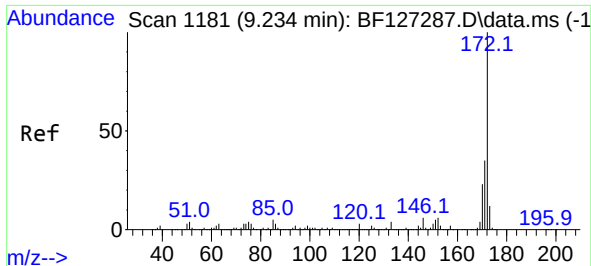
Delta R.T. 0.000 min

Lab File: BF127303.D

Acq: 11 Mar 2022 16:50

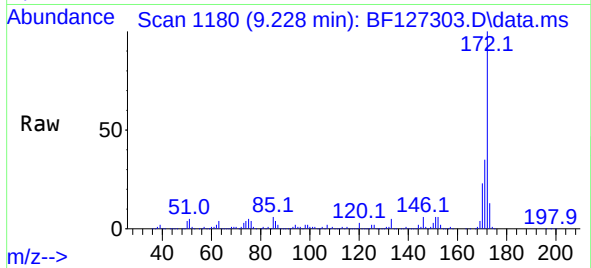
Tgt Ion:196 Resp: 16885
 Ion Ratio Lower Upper
 196 100
 198 91.3 82.0 123.0
 97 49.8 53.5 80.3#
 132 22.9 28.7 43.1#





#45
2-Fluorobiphenyl
Concen: 79.890 ng
RT: 9.228 min Scan# 1180
Delta R.T. -0.006 min
Lab File: BF127303.D
Acq: 11 Mar 2022 16:50

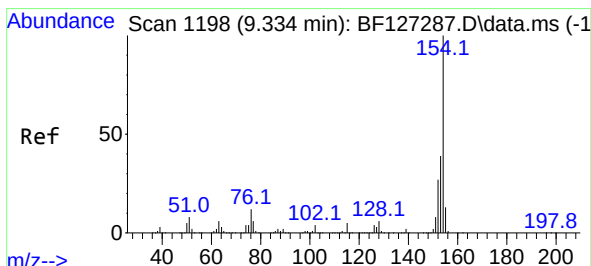
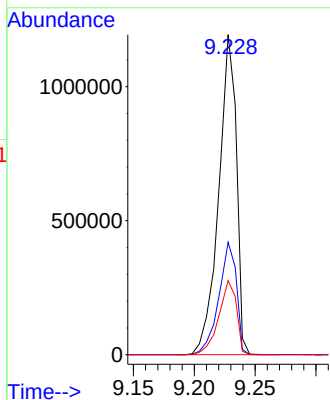
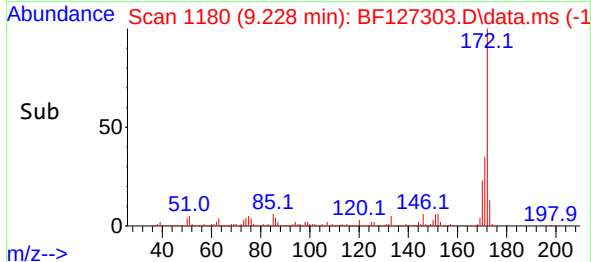
Instrument :
BNA_F
ClientSampleId :
LOD-MDL-WATER-01-QT1-2022



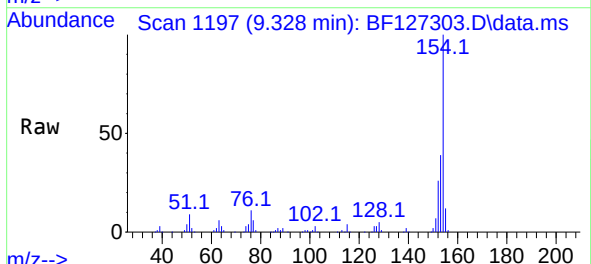
Tgt Ion:172 Resp: 1210819
Ion Ratio Lower Upper
172 100
171 35.1 28.3 42.5
170 23.2 19.0 28.6

Manual Integrations
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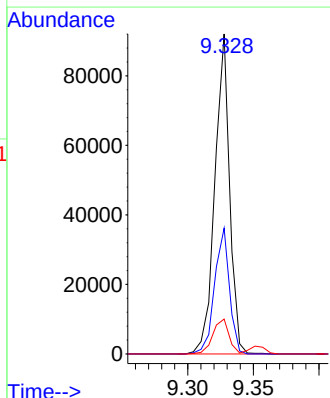
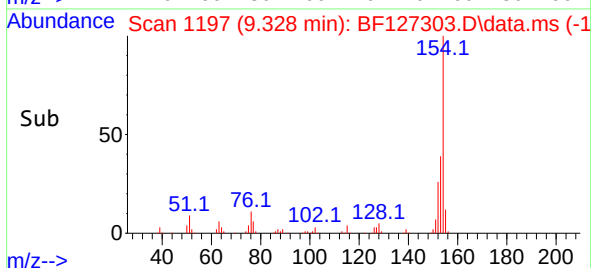
Reviewed By :Christian Giraldo 03/14/2022
Supervised By :Jagrut Upadhyay 03/14/2022

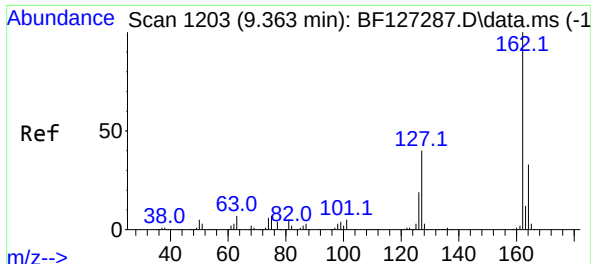


#46
1,1'-Biphenyl
Concen: 4.439 ng
RT: 9.328 min Scan# 1197
Delta R.T. -0.006 min
Lab File: BF127303.D
Acq: 11 Mar 2022 16:50



Tgt Ion:154 Resp: 71782
Ion Ratio Lower Upper
154 100
153 39.3 19.0 59.0
76 10.9 0.0 34.5





#47

2-Chloronaphthalene

Concen: 4.051 ng

RT: 9.351 min Scan# 1203

Delta R.T. -0.012 min

Lab File: BF127303.D

Acq: 11 Mar 2022 16:50

Instrument :

BNA_F

ClientSampleId :

LOD-MDL-WATER-01-QT1-2022

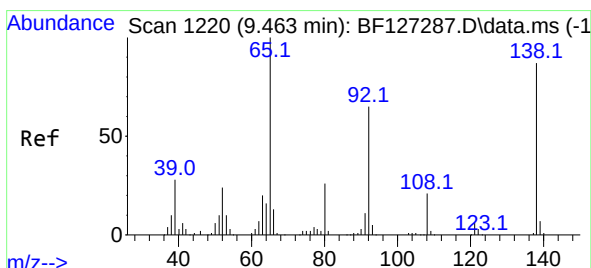
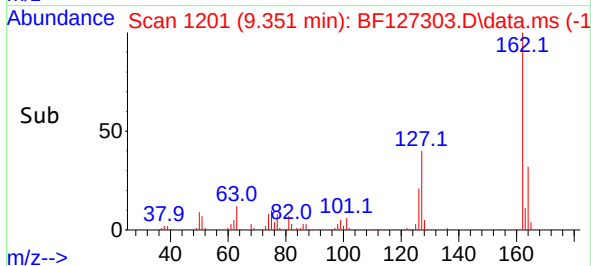
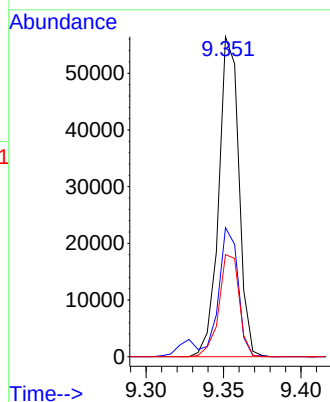
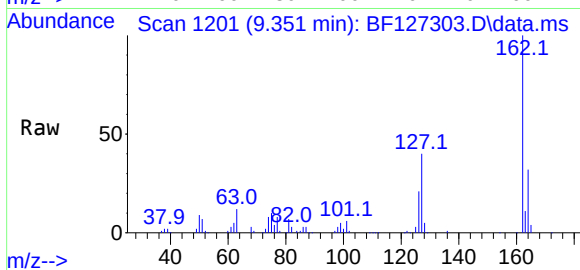
Tgt Ion:162	Resp:	5099
Ion Ratio	Lower	Upper
162	100	
127	40.3	33.5 50.3
164	31.9	26.2 39.4

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 03/14/2022

Supervised By :Jagrut Upadhyay 03/14/2022



#48

2-Nitroaniline

Concen: 3.663 ng

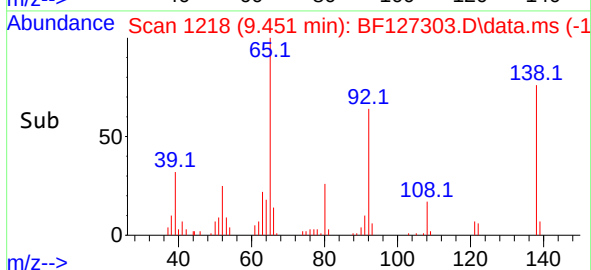
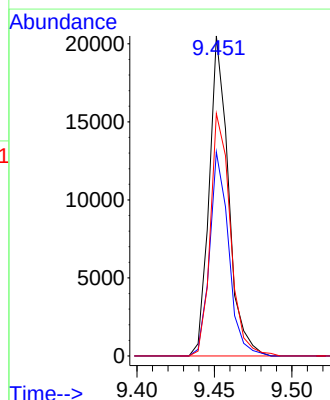
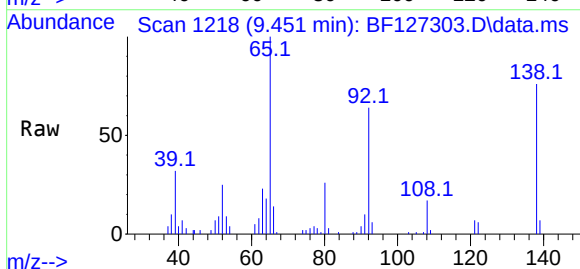
RT: 9.451 min Scan# 1218

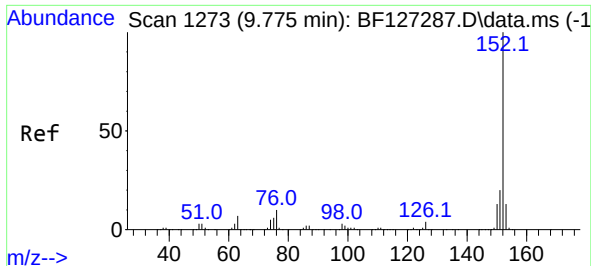
Delta R.T. -0.012 min

Lab File: BF127303.D

Acq: 11 Mar 2022 16:50

Tgt Ion: 65	Resp:	17743
Ion Ratio	Lower	Upper
65	100	
92	63.7	54.4 81.6
138	75.8	72.5 108.7





#49

Acenaphthylene

Concen: 4.233 ng

RT: 9.769 min Scan# 1

Delta R.T. -0.006 min

Lab File: BF127303.D

Acq: 11 Mar 2022 16:50

Instrument :

BNA_F

ClientSampleId :

LOD-MDL-WATER-01-QT1-2022

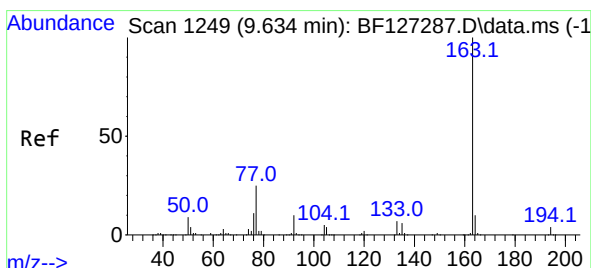
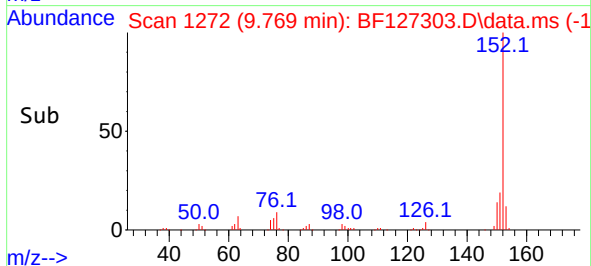
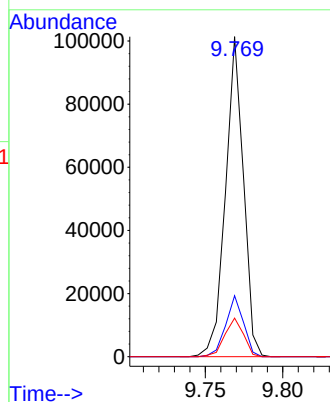
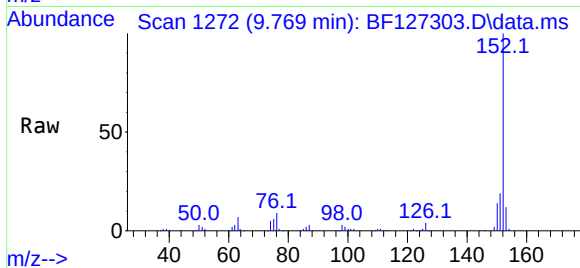
Tgt Ion:152	Resp:	8155
Ion Ratio	Lower	Upper
152	100	
151	19.1	15.7 23.5
153	12.0	11.4 17.0

Manual Integrations

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Reviewed By :Christian Giraldo 03/14/2022

Supervised By :Jagrut Upadhyay 03/14/2022



#50

Dimethylphthalate

Concen: 3.752 ng

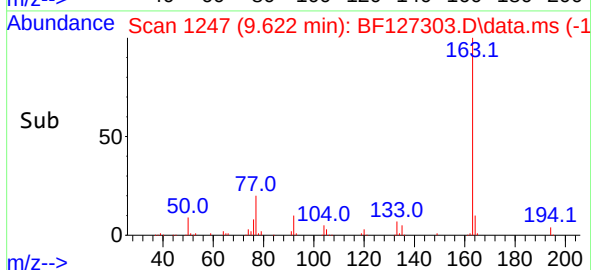
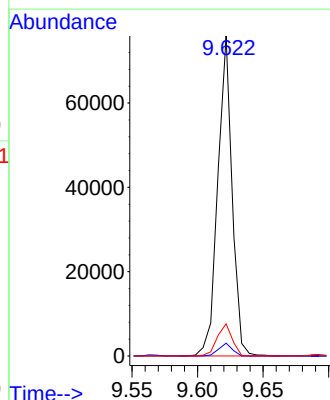
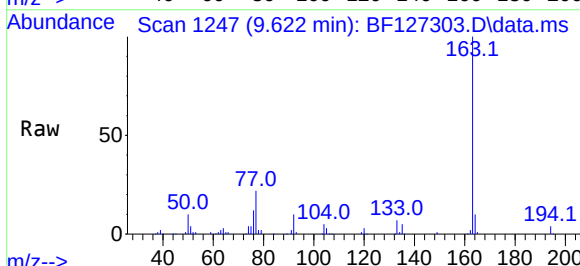
RT: 9.622 min Scan# 1247

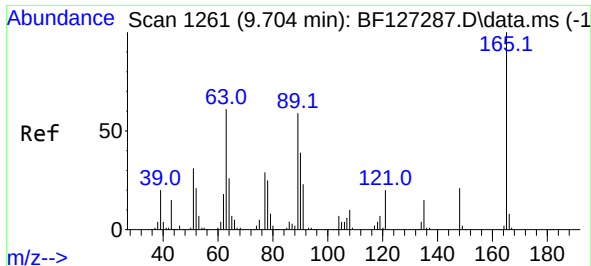
Delta R.T. -0.012 min

Lab File: BF127303.D

Acq: 11 Mar 2022 16:50

Tgt Ion:163	Resp:	57606
Ion Ratio	Lower	Upper
163	100	
194	4.0	2.6 3.8
164	10.1	7.8 11.8





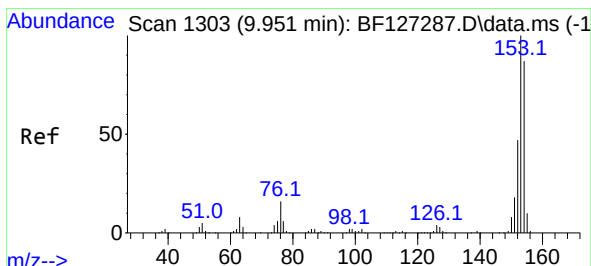
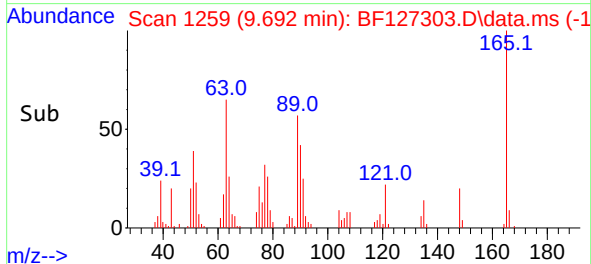
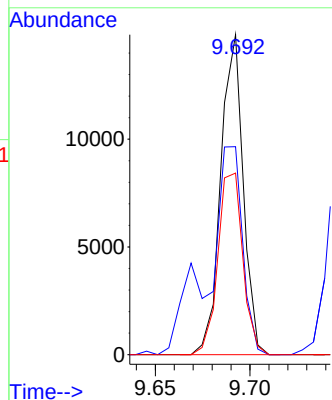
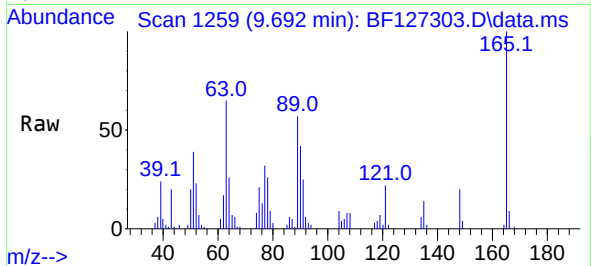
#51
2,6-Dinitrotoluene
Concen: 3.941 ng
RT: 9.692 min Scan# 1101
Delta R.T. -0.012 min
Lab File: BF127303.D
Acq: 11 Mar 2022 16:50

Instrument : BNA_F
ClientSampleId :
LOD-MDL-WATER-01-QT1-2022

Tgt Ion:165 Resp: 1224
Ion Ratio Lower Upper
165 100
63 65.0 48.4 72.6
89 56.8 50.5 75.7

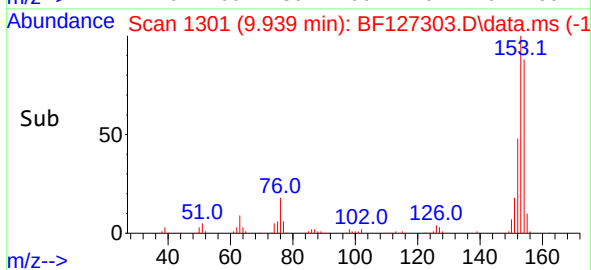
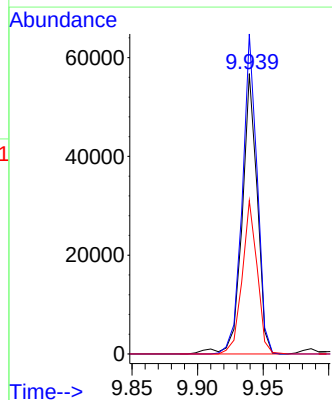
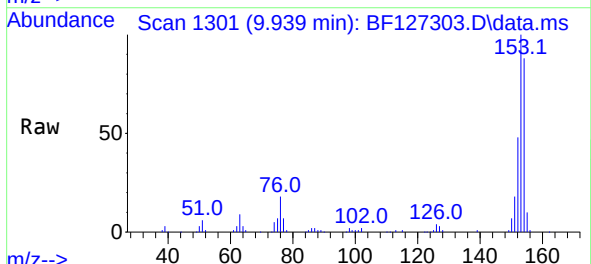
Manual Integrations
APPROVED

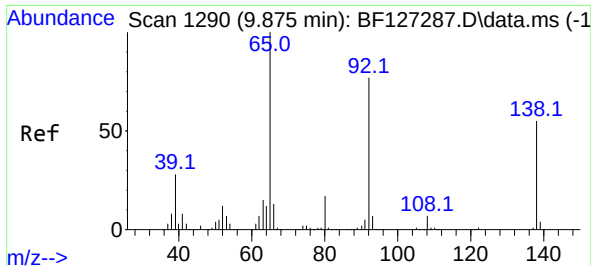
Reviewed By :Christian Giraldo 03/14/2022
Supervised By :Jagrut Upadhyay 03/14/2022



#52
Acenaphthene
Concen: 3.966 ng
RT: 9.939 min Scan# 1301
Delta R.T. -0.012 min
Lab File: BF127303.D
Acq: 11 Mar 2022 16:50

Tgt Ion:154 Resp: 45545
Ion Ratio Lower Upper
154 100
153 114.2 87.8 131.6
152 54.7 39.4 59.2





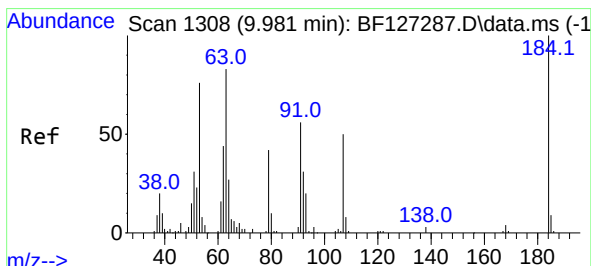
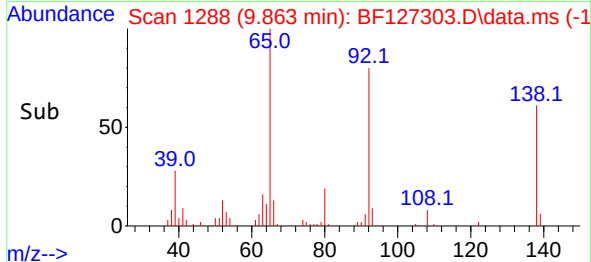
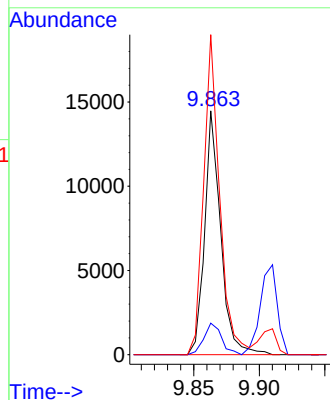
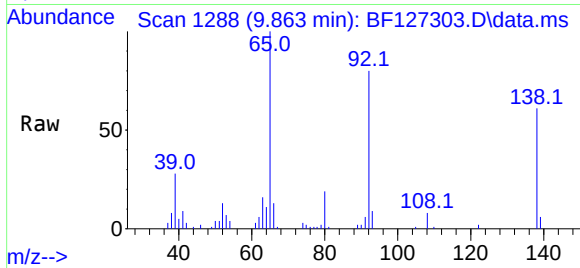
#53
3-Nitroaniline
Concen: 3.659 ng
RT: 9.863 min Scan# 1288
Delta R.T. -0.012 min
Lab File: BF127303.D
Acq: 11 Mar 2022 16:50

Instrument : BNA_F
ClientSampleId : LOD-MDL-WATER-01-QT1-2022

Tgt Ion:138 Resp: 1238
Ion Ratio Lower Upper
138 100
108 12.9 8.6 13.0
92 131.2 105.0 157.6

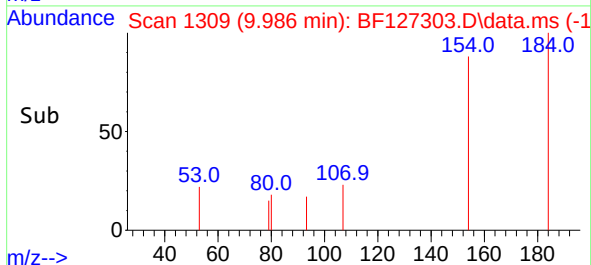
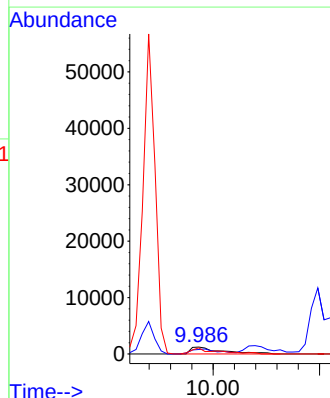
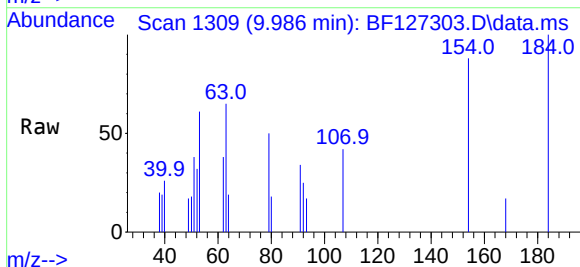
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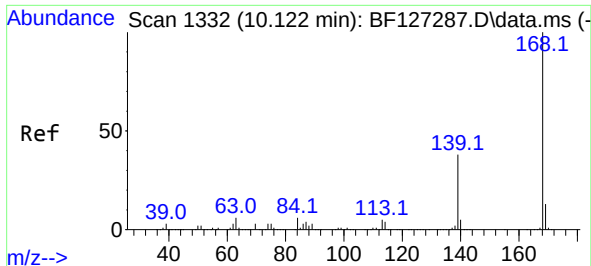
Reviewed By :Christian Giraldo 03/14/2022
Supervised By :Jagrut Upadhyay 03/14/2022



#54
2,4-Dinitrophenol
Concen: 1.617 ng
RT: 9.986 min Scan# 1309
Delta R.T. 0.005 min
Lab File: BF127303.D
Acq: 11 Mar 2022 16:50

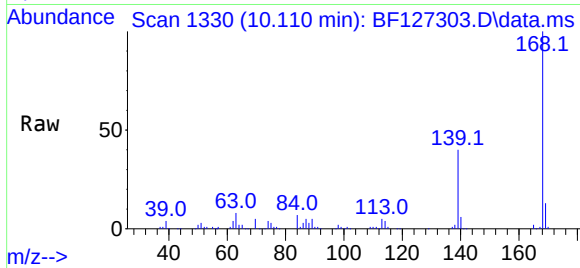
Tgt Ion:184 Resp: 2474
Ion Ratio Lower Upper
184 100
63 64.8 70.4 105.6#
154 87.9 49.7 74.5#





#55
Dibenzofuran
Concen: 3.989 ng
RT: 10.110 min Scan# 1330
Delta R.T. -0.012 min
Lab File: BF127303.D
Acq: 11 Mar 2022 16:50

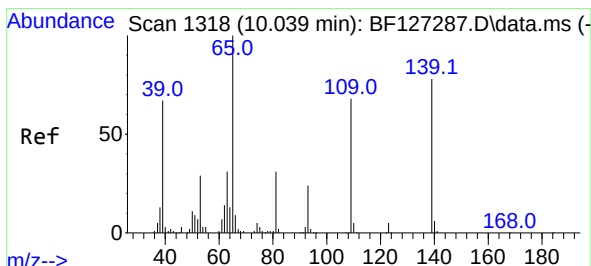
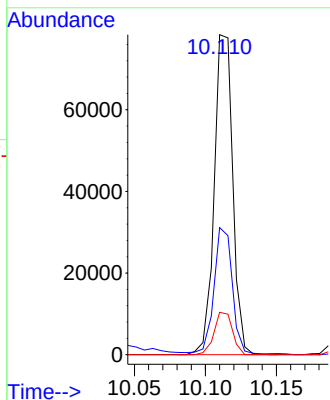
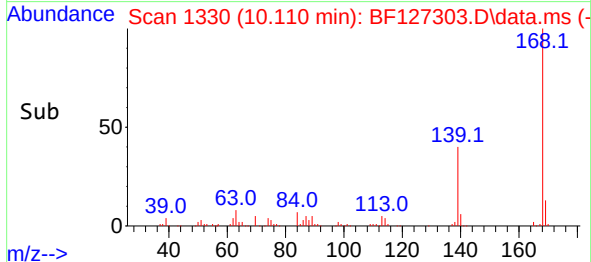
Instrument :
BNA_F
ClientSampleId :
LOD-MDL-WATER-01-QT1-2022



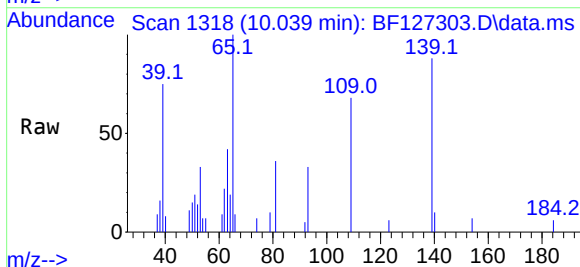
Tgt Ion:168 Resp: 71170
Ion Ratio Lower Upper
168 100
139 39.7 30.6 46.0
169 13.2 10.0 15.0

Manual Integrations
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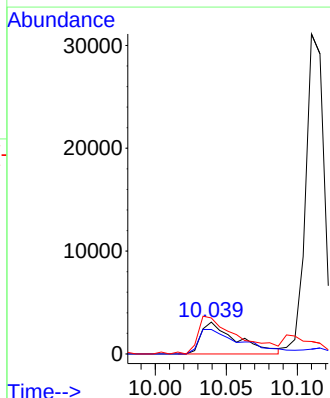
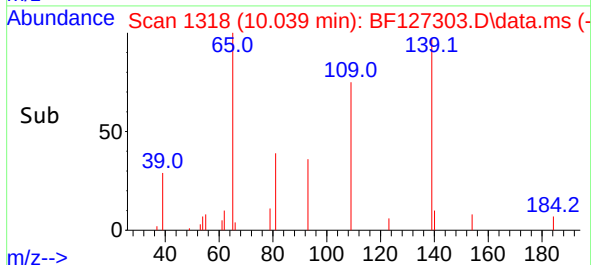
Reviewed By :Christian Giraldo 03/14/2022
Supervised By :Jagrut Upadhyay 03/14/2022

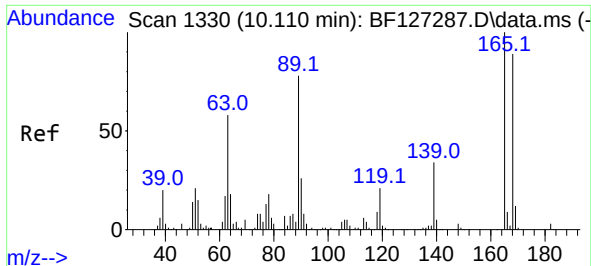


#56
4-Nitrophenol
Concen: 2.647 ng
RT: 10.039 min Scan# 1318
Delta R.T. 0.000 min
Lab File: BF127303.D
Acq: 11 Mar 2022 16:50



Tgt Ion:139 Resp: 5446
Ion Ratio Lower Upper
139 100
109 77.1 44.1 84.1
65 113.0 85.5 125.5





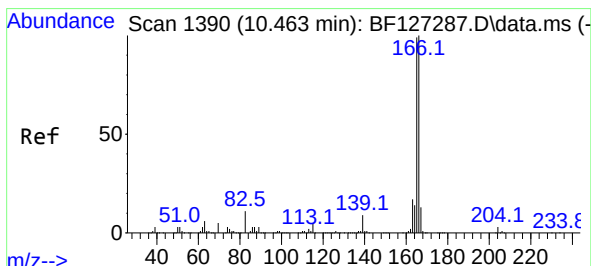
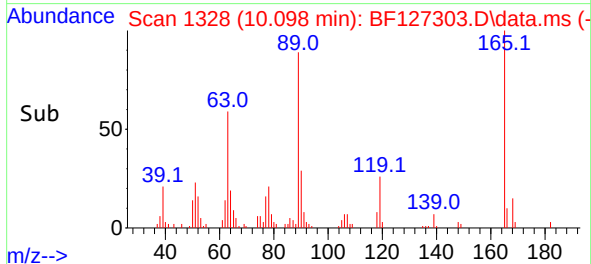
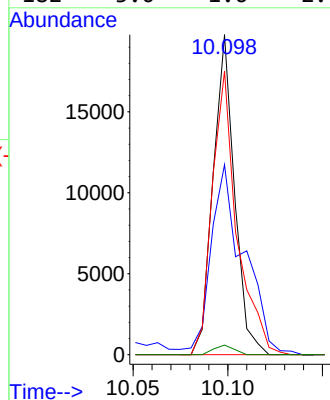
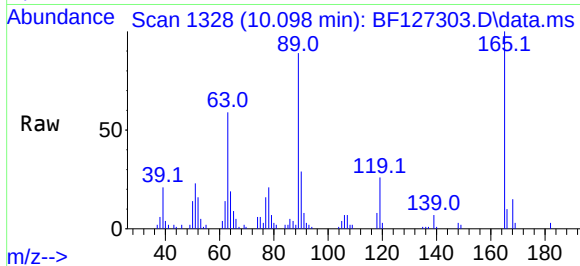
#57
2,4-Dinitrotoluene
Concen: 3.804 ng
RT: 10.098 min Scan# 1328
Delta R.T. -0.012 min
Lab File: BF127303.D
Acq: 11 Mar 2022 16:50

Instrument :
BNA_F
ClientSampleId :
LOD-MDL-WATER-01-QT1-2022

Tgt Ion:165 Resp: 15540
Ion Ratio Lower Upper
165 100
63 59.3 43.0 64.6
89 88.7 71.0 106.4
182 3.0 1.6 2.4#

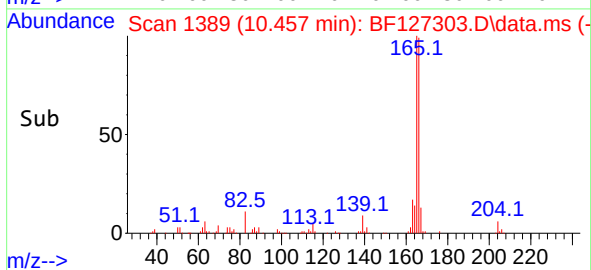
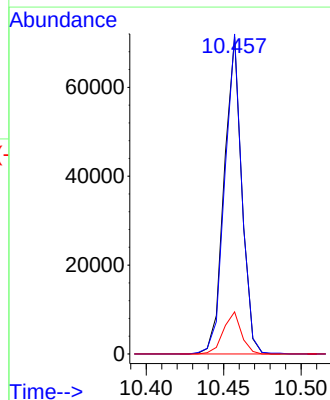
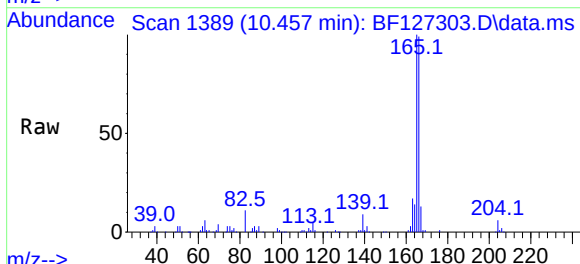
Manual Integrations
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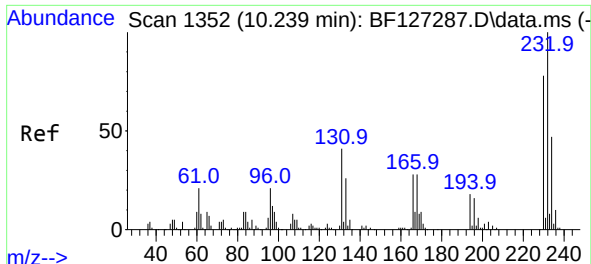
Reviewed By :Christian Giraldo 03/14/2022
Supervised By :Jagrut Upadhyay 03/14/2022



#58
Fluorene
Concen: 4.054 ng
RT: 10.457 min Scan# 1389
Delta R.T. -0.006 min
Lab File: BF127303.D
Acq: 11 Mar 2022 16:50

Tgt Ion:166 Resp: 56081
Ion Ratio Lower Upper
166 100
165 101.1 77.7 116.5
167 13.3 10.7 16.1





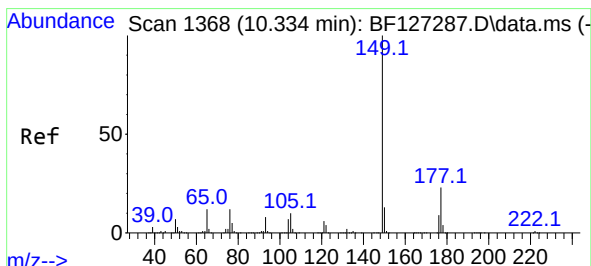
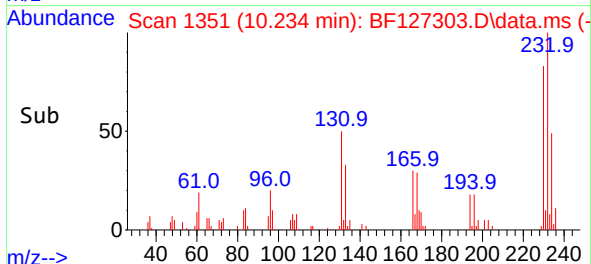
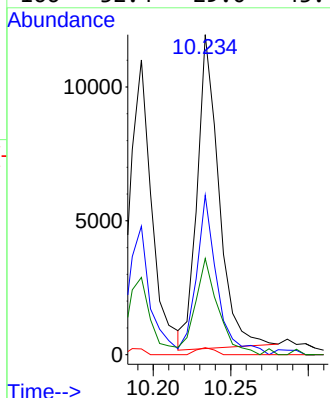
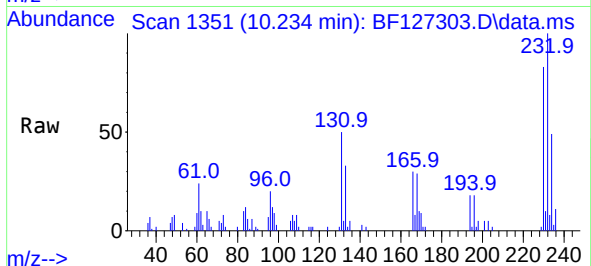
#59
2,3,4,6-Tetrachlorophenol
Concen: 3.017 ng
RT: 10.234 min Scan# 1139
Delta R.T. -0.006 min
Lab File: BF127303.D
Acq: 11 Mar 2022 16:50

Instrument : BNA_F
ClientSampleId :
LOD-MDL-WATER-01-QT1-2022

Tgt Ion:232 Resp: 1139
Ion Ratio Lower Upper
232 100
131 48.6 50.0 75.0
130 1.9 2.2 3.2
166 32.4 29.0 43.4

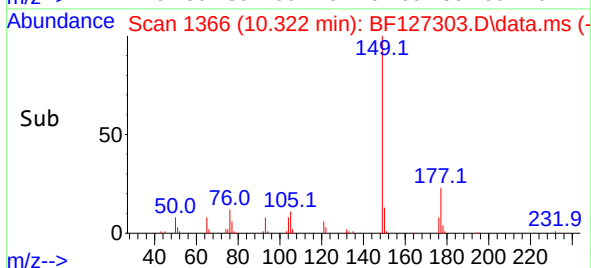
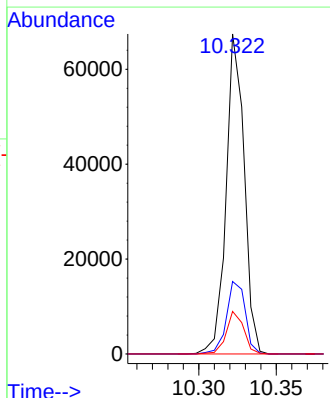
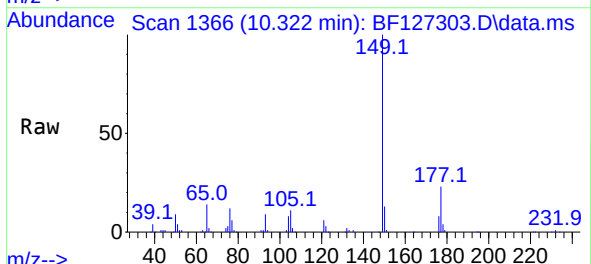
Manual Integrations
APPROVED

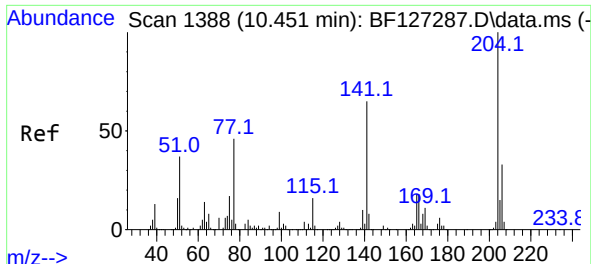
Reviewed By :Christian Giraldo 03/14/2022
Supervised By :Jagrut Upadhyay 03/14/2022



#60
Diethylphthalate
Concen: 3.899 ng
RT: 10.322 min Scan# 1366
Delta R.T. -0.012 min
Lab File: BF127303.D
Acq: 11 Mar 2022 16:50

Tgt Ion:149 Resp: 54607
Ion Ratio Lower Upper
149 100
177 22.7 16.7 25.1
150 13.3 9.8 14.8





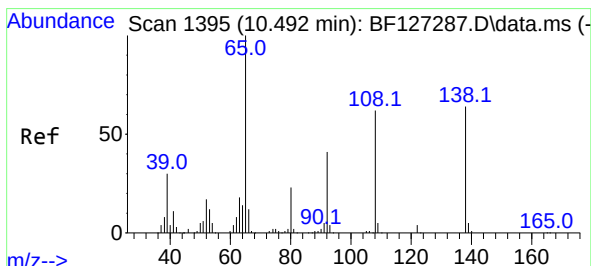
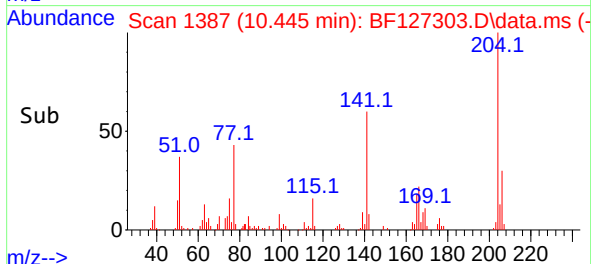
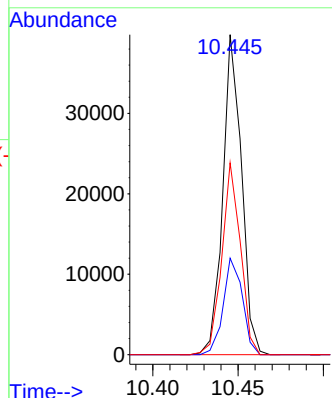
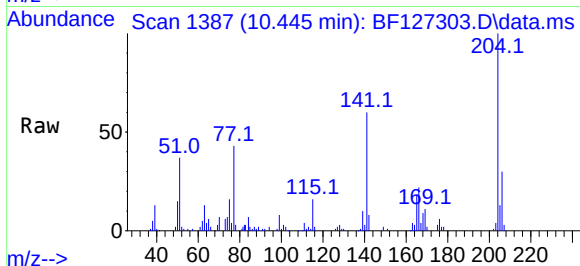
#61
4-Chlorophenyl-phenylether
Concen: 4.061 ng
RT: 10.445 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF127303.D
Acq: 11 Mar 2022 16:50

Instrument :
BNA_F
ClientSampleId :
LOD-MDL-WATER-01-QT1-2022

Tgt Ion:204 Resp: 30440
Ion Ratio Lower Upper
204 100
206 30.1 26.3 39.5
141 60.0 59.0 88.6

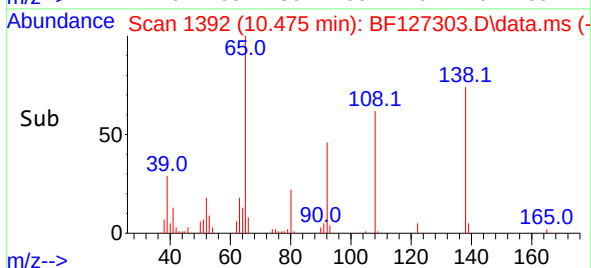
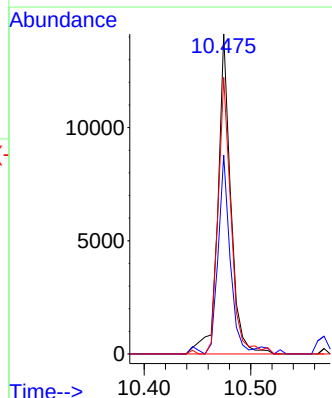
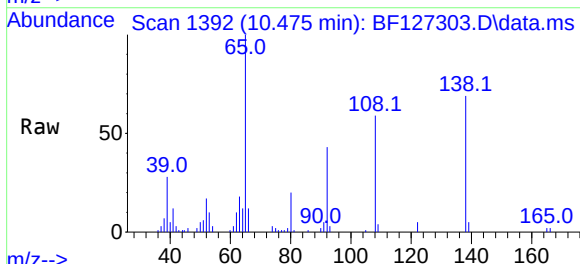
Manual Integrations
APPROVED

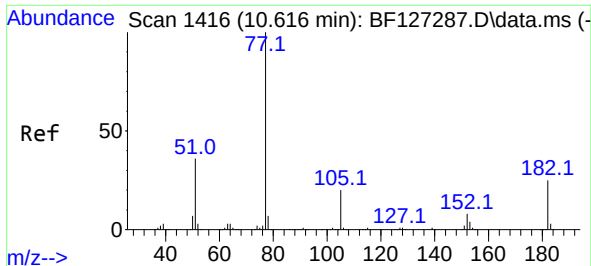
Reviewed By :Christian Giraldo 03/14/2022
Supervised By :Jagrut Upadhyay 03/14/2022



#62
4-Nitroaniline
Concen: 3.513 ng
RT: 10.475 min Scan# 1392
Delta R.T. -0.018 min
Lab File: BF127303.D
Acq: 11 Mar 2022 16:50

Tgt Ion:138 Resp: 11850
Ion Ratio Lower Upper
138 100
92 62.1 36.2 76.2
108 86.4 46.7 86.7





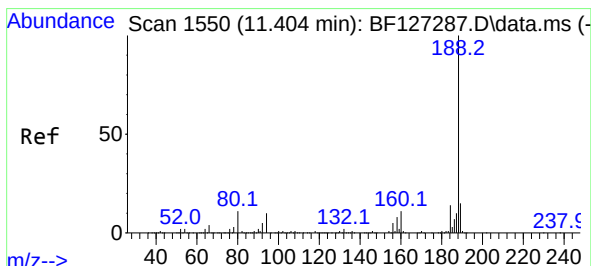
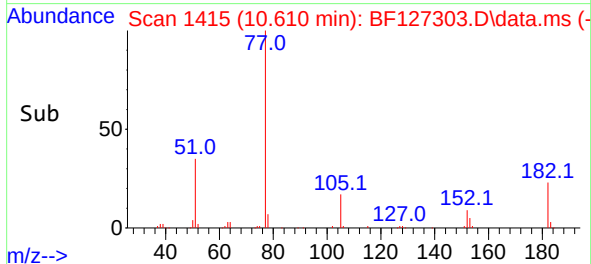
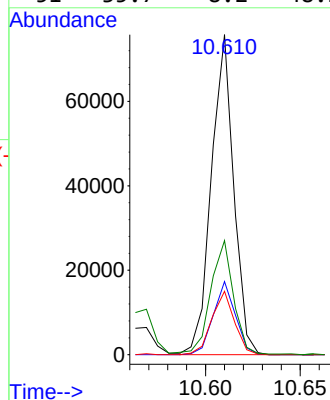
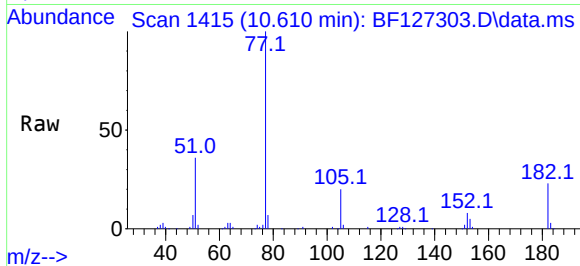
#63
Azobenzene
Concen: 3.867 ng
RT: 10.610 min Scan# 1416
Delta R.T. -0.006 min
Lab File: BF127303.D
Acq: 11 Mar 2022 16:50

Instrument :
BNA_F
ClientSampleId :
LOD-MDL-WATER-01-QT1-2022

Tgt Ion: 77 Resp: 62250
Ion Ratio Lower Upper
77 100
182 22.8 0.0 39.0
105 19.8 3.2 43.2
51 35.7 8.2 48.2

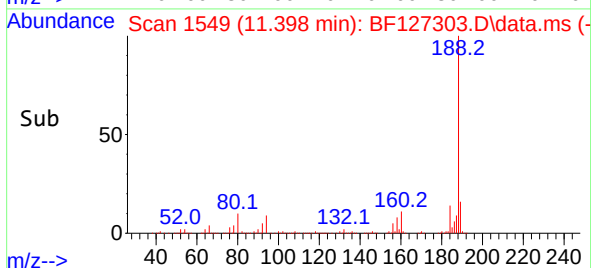
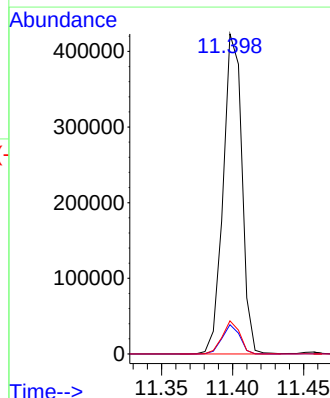
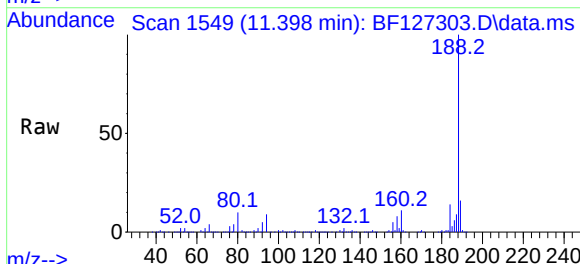
Manual Integrations
APPROVED

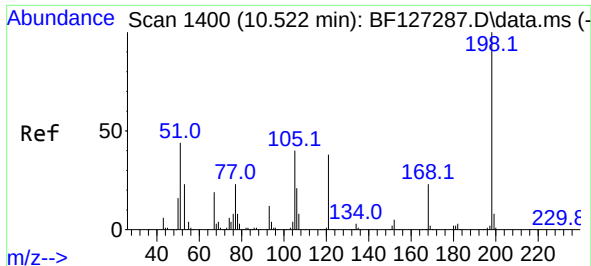
Reviewed By :Christian Giraldo 03/14/2022
Supervised By :Jagrut Upadhyay 03/14/2022



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.398 min Scan# 1549
Delta R.T. -0.006 min
Lab File: BF127303.D
Acq: 11 Mar 2022 16:50

Tgt Ion:188 Resp: 387224
Ion Ratio Lower Upper
188 100
94 9.1 10.1 15.1#
80 10.4 11.8 17.6#





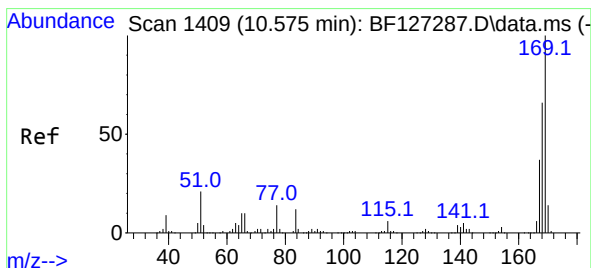
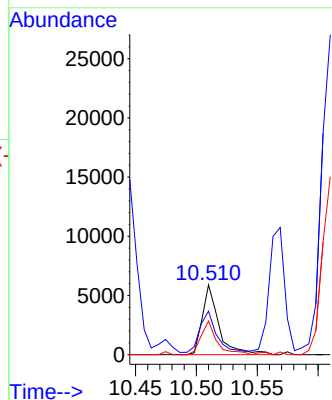
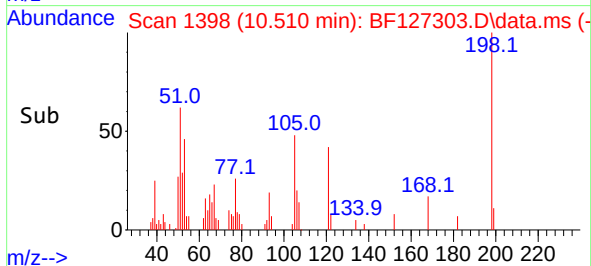
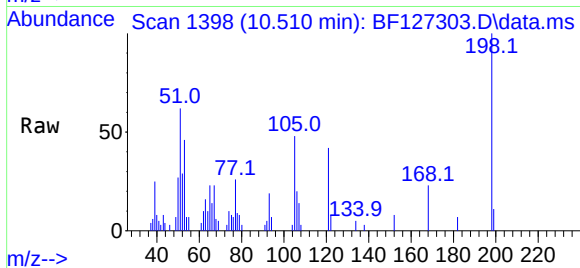
#65
4,6-Dinitro-2-methylphenol
Concen: 2.338 ng
RT: 10.510 min Scan# 11
Delta R.T. -0.012 min
Lab File: BF127303.D
Acq: 11 Mar 2022 16:50

Instrument :
BNA_F
ClientSampleId :
LOD-MDL-WATER-01-QT1-2022

Tgt Ion:198 Resp: 558
Ion Ratio Lower Upper
198 100
51 62.3 32.0 72.0
105 48.2 32.7 72.7

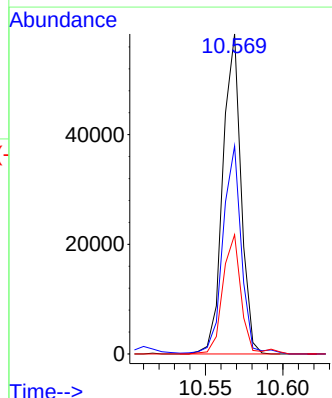
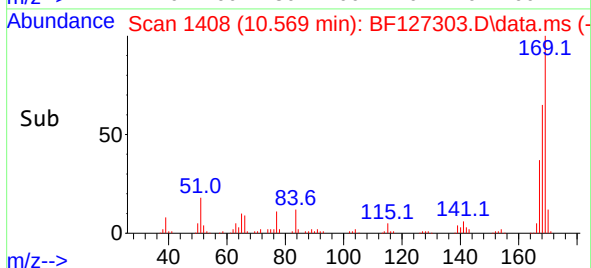
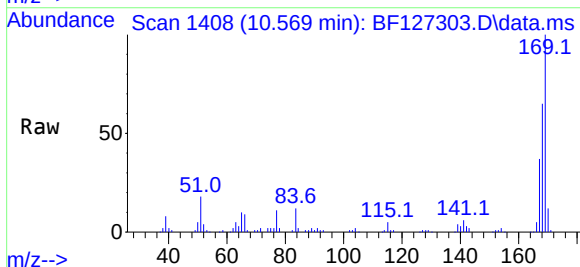
Manual Integrations
APPROVED

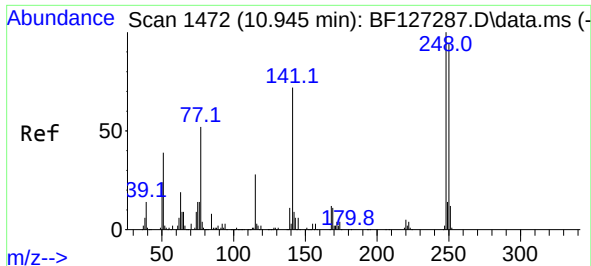
Reviewed By :Christian Giraldo 03/14/2022
Supervised By :Jagrut Upadhyay 03/14/2022



#66
n-Nitrosodiphenylamine
Concen: 3.955 ng
RT: 10.569 min Scan# 1408
Delta R.T. -0.006 min
Lab File: BF127303.D
Acq: 11 Mar 2022 16:50

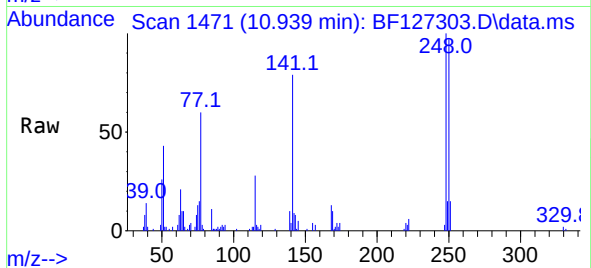
Tgt Ion:169 Resp: 47564
Ion Ratio Lower Upper
169 100
168 65.0 53.4 80.0
167 37.3 29.4 44.0





#67
4-Bromophenyl-phenylether
Concen: 3.913 ng
RT: 10.939 min Scan# 1471
Delta R.T. -0.006 min
Lab File: BF127303.D
Acq: 11 Mar 2022 16:50

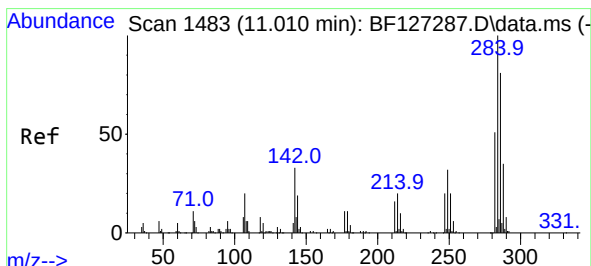
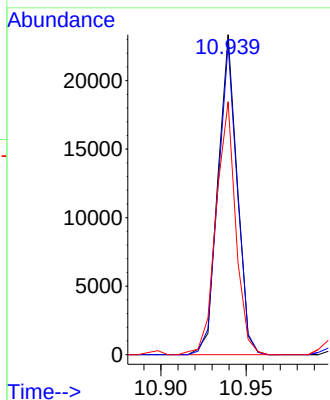
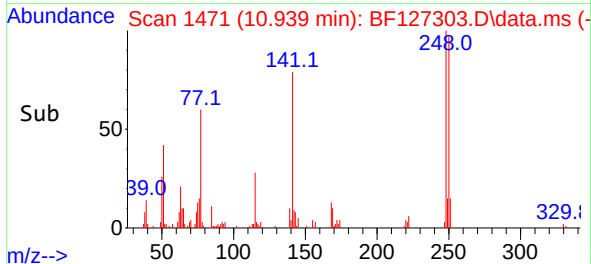
Instrument :
BNA_F
ClientSampleId :
LOD-MDL-WATER-01-QT1-2022



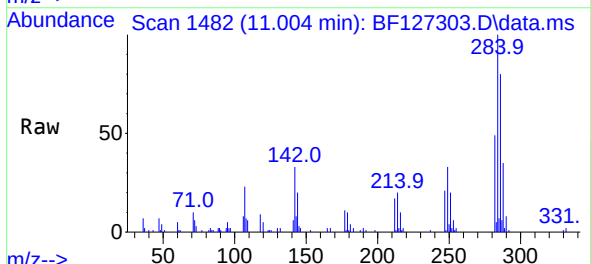
Tgt Ion:248 Resp: 18264
Ion Ratio Lower Upper
248 100
250 97.0 76.2 114.4
141 79.1 66.2 99.4

Manual Integrations
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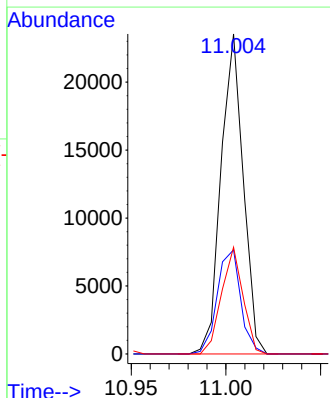
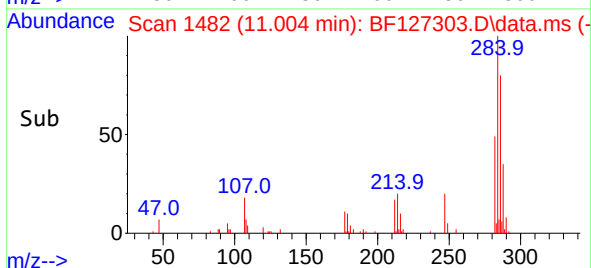
Reviewed By :Christian Giraldo 03/14/2022
Supervised By :Jagrut Upadhyay 03/14/2022

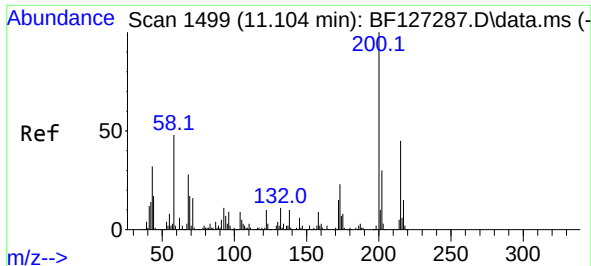


#68
Hexachlorobenzene
Concen: 3.776 ng
RT: 11.004 min Scan# 1482
Delta R.T. -0.006 min
Lab File: BF127303.D
Acq: 11 Mar 2022 16:50



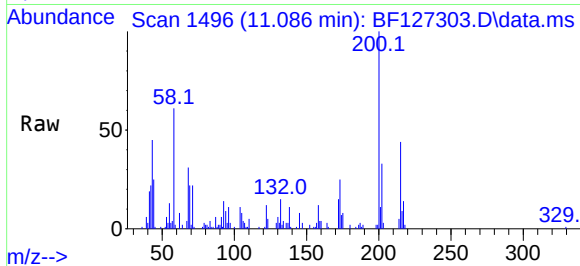
Tgt Ion:284 Resp: 19207
Ion Ratio Lower Upper
284 100
142 32.5 30.7 46.1
249 33.4 21.1 31.7#





#69
Atrazine
Concen: 3.976 ng
RT: 11.086 min Scan# 1499
Delta R.T. -0.018 min
Lab File: BF127303.D
Acq: 11 Mar 2022 16:50

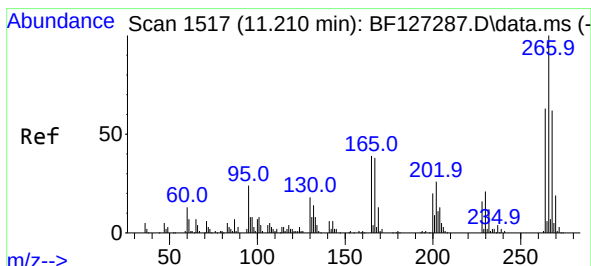
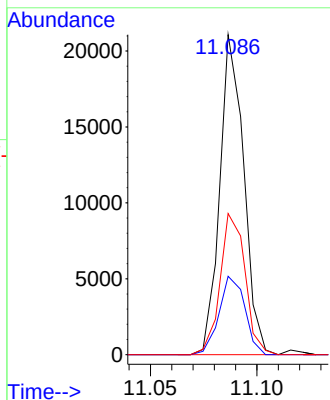
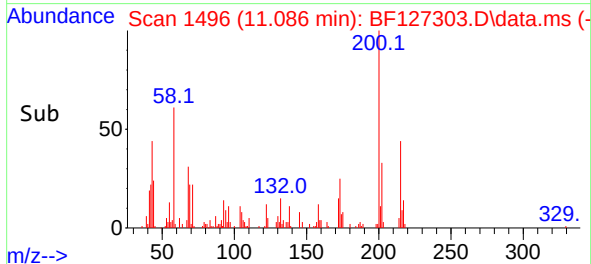
Instrument :
BNA_F
ClientSampleId :
LOD-MDL-WATER-01-QT1-2022



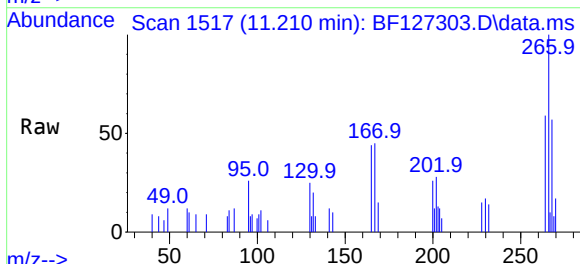
Tgt Ion:200 Resp: 16498
Ion Ratio Lower Upper
200 100
173 24.5 9.2 49.2
215 44.1 23.2 63.2

Manual Integrations
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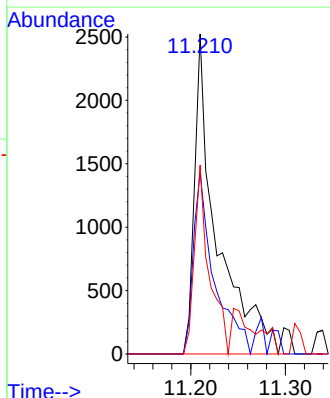
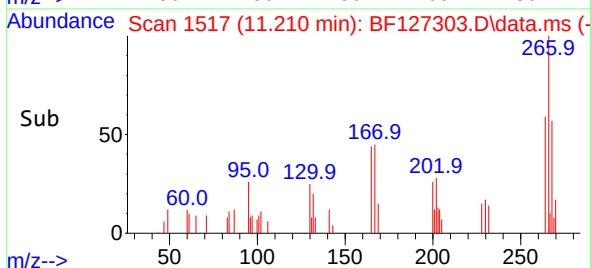
Reviewed By :Christian Giraldo 03/14/2022
Supervised By :Jagrut Upadhyay 03/14/2022

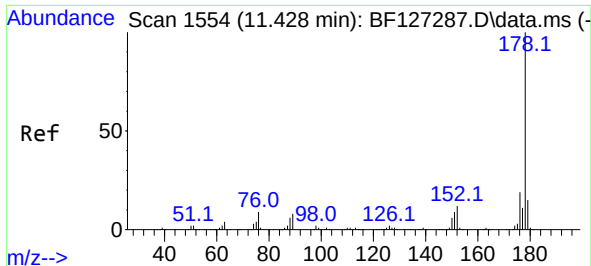


#70
Pentachlorophenol
Concen: 2.012 ng
RT: 11.210 min Scan# 1517
Delta R.T. 0.000 min
Lab File: BF127303.D
Acq: 11 Mar 2022 16:50



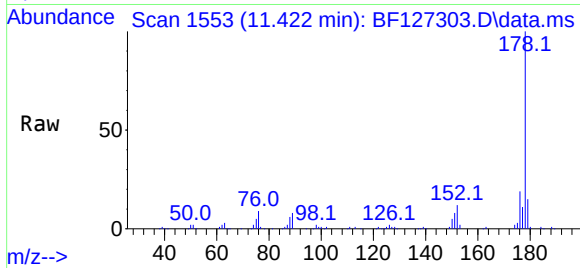
Tgt Ion:266 Resp: 4132
Ion Ratio Lower Upper
266 100
268 56.7 52.3 78.5
264 59.0 50.4 75.6





#71
Phenanthrene
Concen: 4.010 ng
RT: 11.422 min Scan# 1554
Delta R.T. -0.006 min
Lab File: BF127303.D
Acq: 11 Mar 2022 16:50

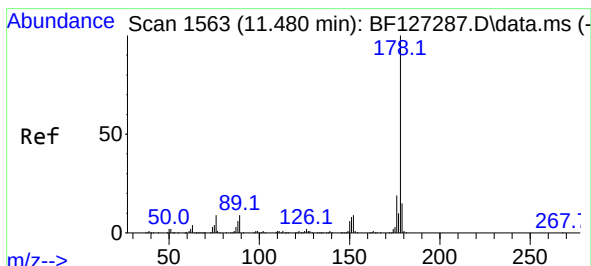
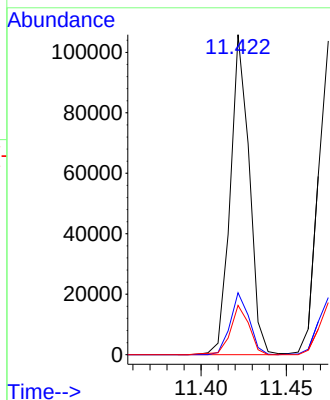
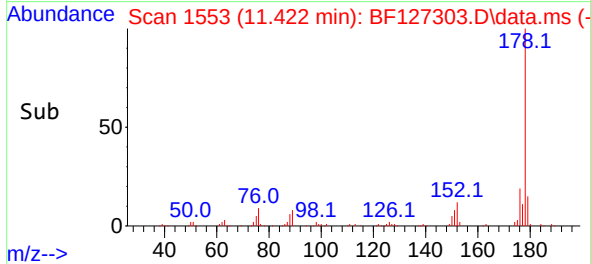
Instrument : BNA_F
ClientSampleId :
LOD-MDL-WATER-01-QT1-2022



Tgt Ion:178 Resp: 81970
Ion Ratio Lower Upper
178 100
176 19.3 15.7 23.5
179 15.4 12.3 18.5

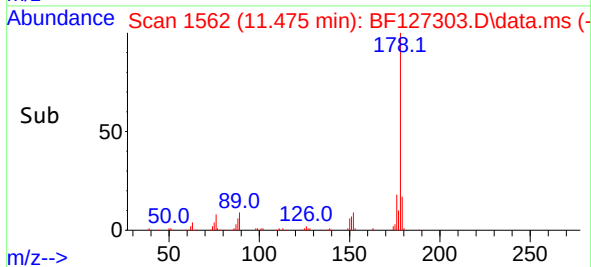
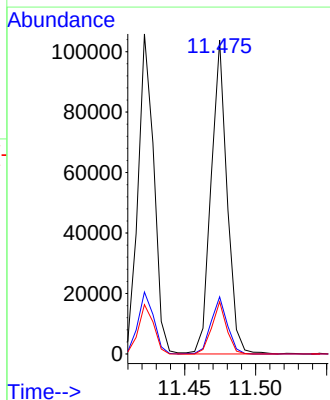
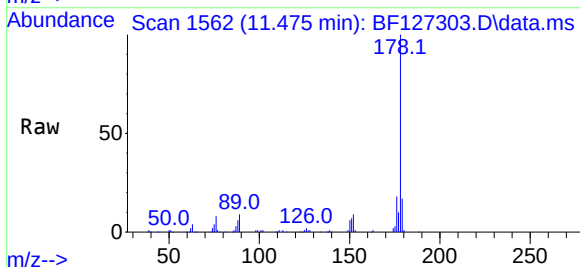
Manual Integrations
APPROVED

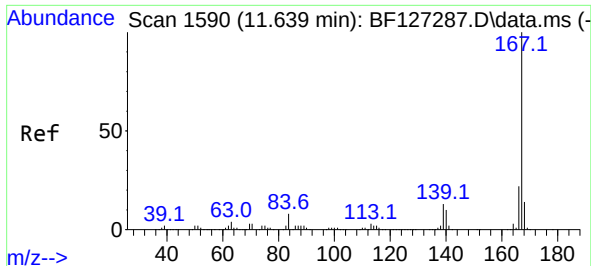
Reviewed By :Christian Giraldo 03/14/2022
Supervised By :Jagrut Upadhyay 03/14/2022



#72
Anthracene
Concen: 4.024 ng
RT: 11.475 min Scan# 1562
Delta R.T. -0.006 min
Lab File: BF127303.D
Acq: 11 Mar 2022 16:50

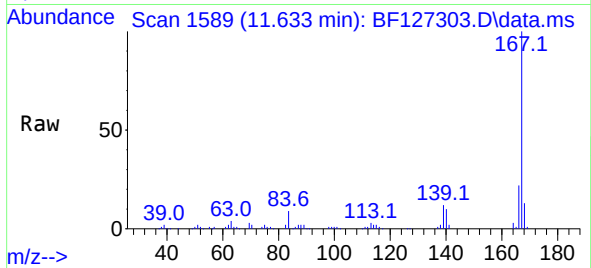
Tgt Ion:178 Resp: 81469
Ion Ratio Lower Upper
178 100
176 18.2 15.0 22.6
179 16.6 12.5 18.7





#73
 Carbazole
 Concen: 3.728 ng
 RT: 11.633 min Scan# 1589
 Delta R.T. -0.006 min
 Lab File: BF127303.D
 Acq: 11 Mar 2022 16:50

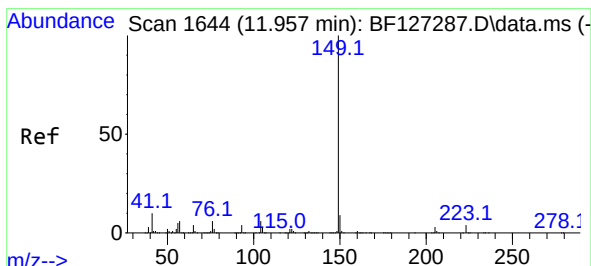
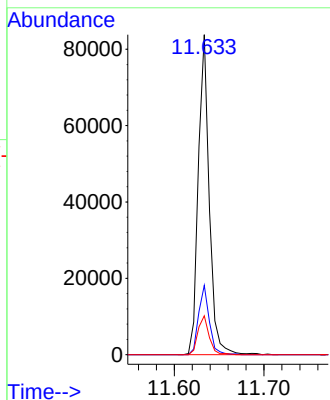
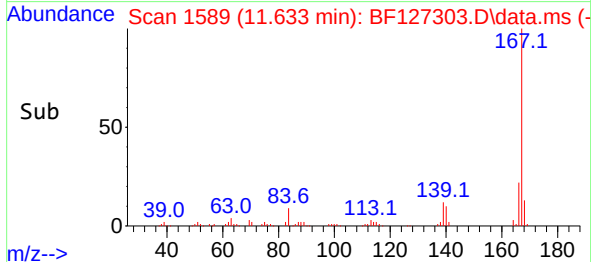
Instrument : BNA_F
 ClientSampleId :
 LOD-MDL-WATER-01-QT1-2022



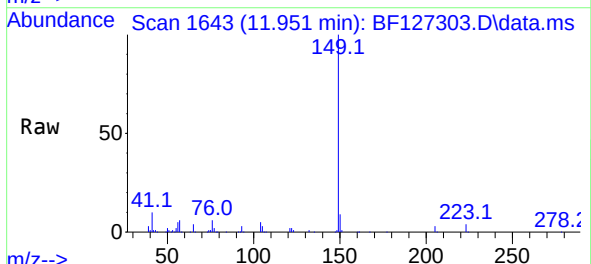
Tgt Ion:167 Resp: 71068
 Ion Ratio Lower Upper
 167 100
 166 21.6 16.9 25.3
 139 12.1 11.3 16.9

Manual Integrations
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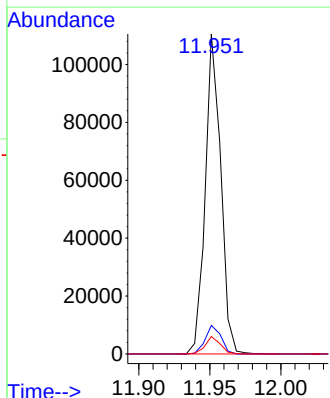
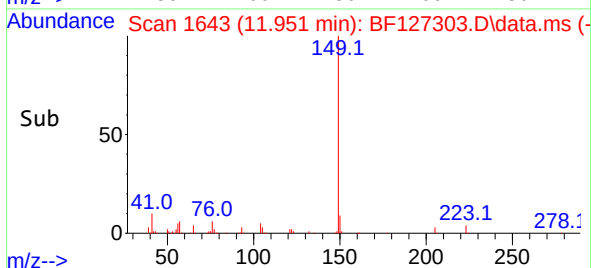
Reviewed By :Christian Giraldo 03/14/2022
 Supervised By :Jagrut Upadhyay 03/14/2022

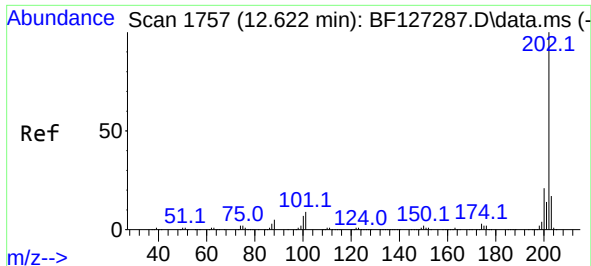


#74
 Di-n-butylphthalate
 Concen: 3.774 ng
 RT: 11.951 min Scan# 1643
 Delta R.T. -0.006 min
 Lab File: BF127303.D
 Acq: 11 Mar 2022 16:50



Tgt Ion:149 Resp: 84142
 Ion Ratio Lower Upper
 149 100
 150 8.9 7.2 10.8
 104 5.4 4.2 6.2





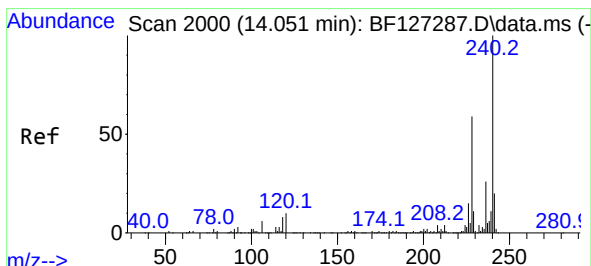
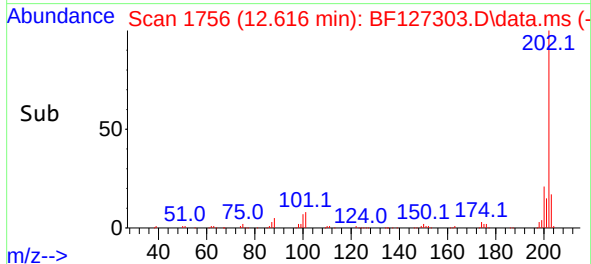
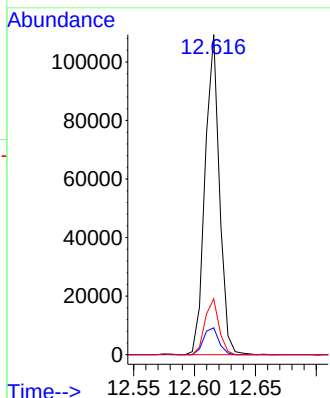
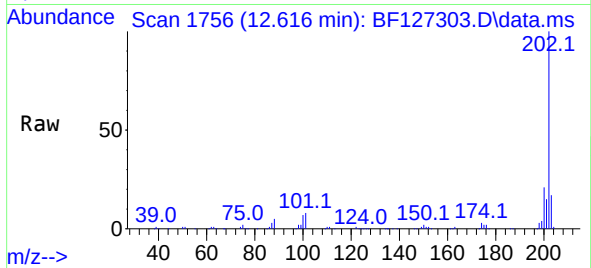
#75
Fluoranthene
Concen: 3.928 ng
RT: 12.616 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF127303.D
Acq: 11 Mar 2022 16:50

Instrument :
BNA_F
ClientSampleId :
LOD-MDL-WATER-01-QT1-2022

Tgt Ion:202 Resp: 89774
Ion Ratio Lower Upper
202 100
101 8.4 0.0 35.7
203 17.4 0.0 37.1

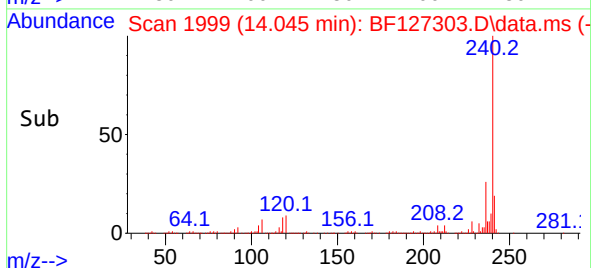
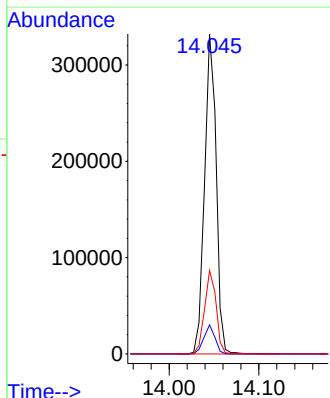
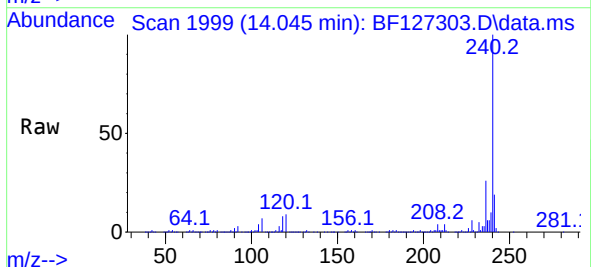
Manual Integrations
APPROVED

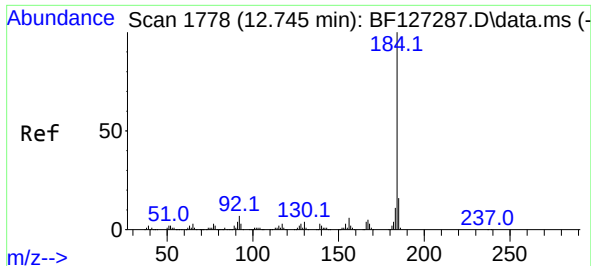
Reviewed By :Christian Giraldo 03/14/2022
Supervised By :Jagrut Upadhyay 03/14/2022



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.045 min Scan# 1999
Delta R.T. -0.006 min
Lab File: BF127303.D
Acq: 11 Mar 2022 16:50

Tgt Ion:240 Resp: 299157
Ion Ratio Lower Upper
240 100
120 9.1 14.4 21.6#
236 26.1 20.5 30.7





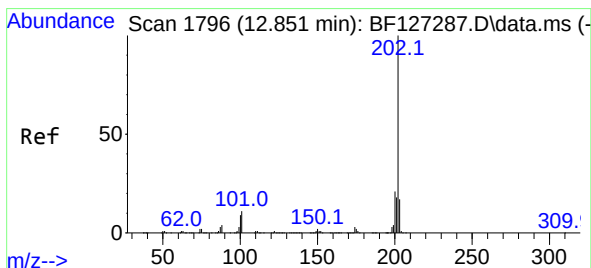
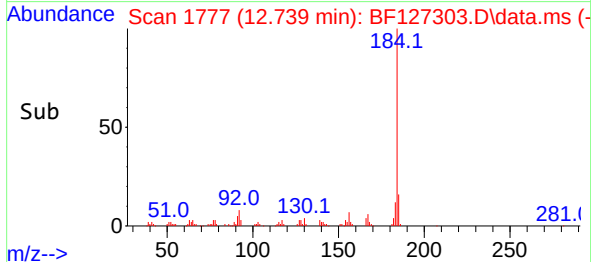
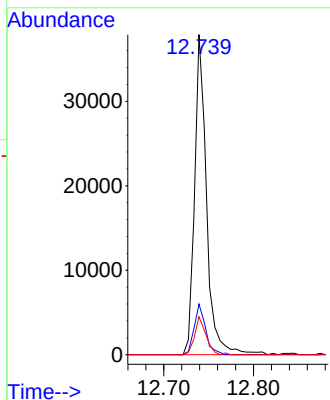
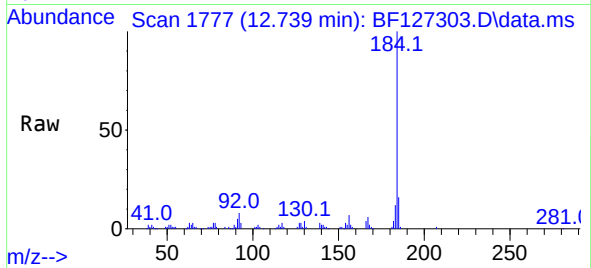
#77
Benzidine
Concen: 4.607 ng
RT: 12.739 min Scan# 1777
Delta R.T. -0.006 min
Lab File: BF127303.D
Acq: 11 Mar 2022 16:50

Instrument : BNA_F
ClientSampleId :
LOD-MDL-WATER-01-QT1-2022

Tgt Ion:184 Resp: 35048
Ion Ratio Lower Upper
184 100
185 15.8 11.8 17.8
183 11.9 8.2 12.2

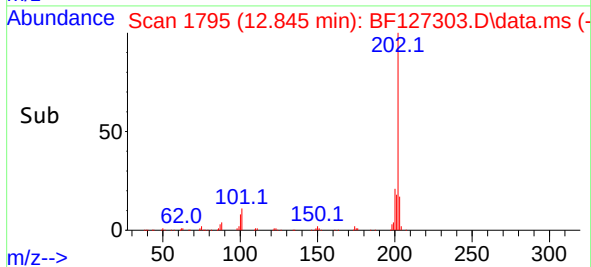
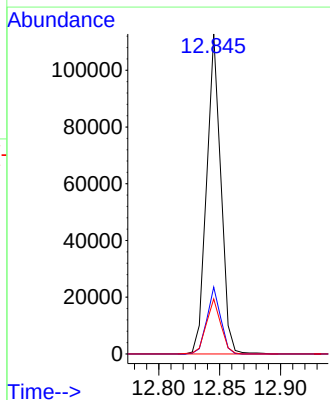
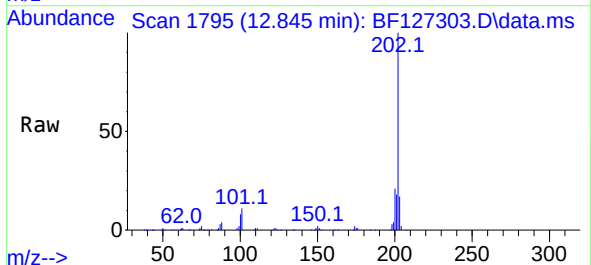
Manual Integrations
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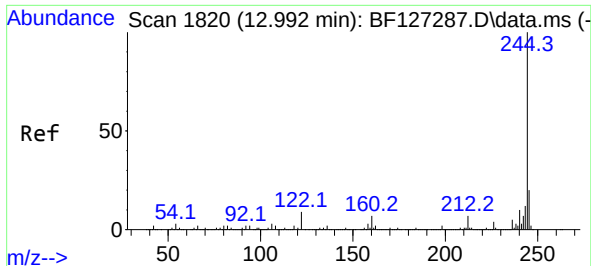
Reviewed By :Christian Giraldo 03/14/2022
Supervised By :Jagrut Upadhyay 03/14/2022



#78
Pyrene
Concen: 3.912 ng
RT: 12.845 min Scan# 1795
Delta R.T. -0.006 min
Lab File: BF127303.D
Acq: 11 Mar 2022 16:50

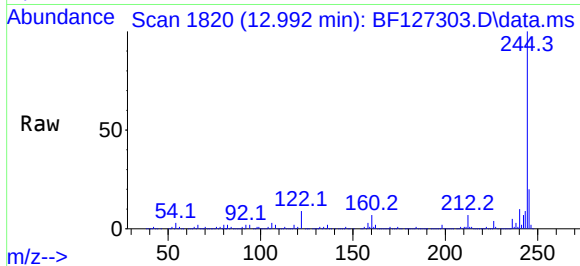
Tgt Ion:202 Resp: 91148
Ion Ratio Lower Upper
202 100
200 20.9 16.6 24.8
203 17.2 13.8 20.8





#79
 Terphenyl-d14
 Concen: 78.981 ng
 RT: 12.992 min Scan# 1820
 Delta R.T. 0.000 min
 Lab File: BF127303.D
 Acq: 11 Mar 2022 16:50

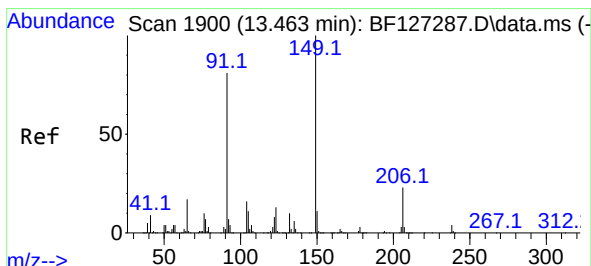
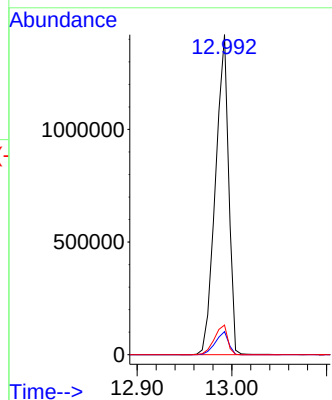
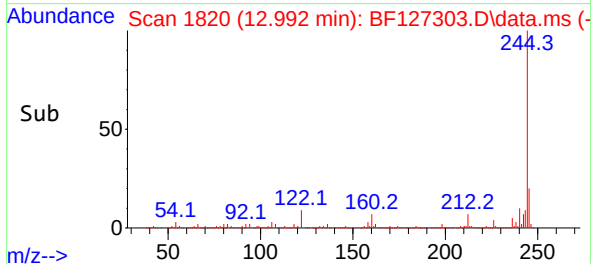
Instrument :
 BNA_F
 ClientSampleId :
 LOD-MDL-WATER-01-QT1-2022



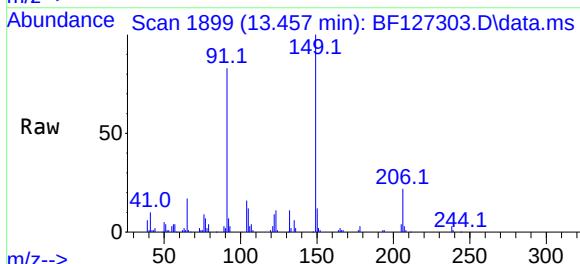
Tgt Ion:244 Resp: 1372158
 Ion Ratio Lower Upper
 244 100
 212 7.2 5.0 7.4
 122 9.2 13.3 19.9

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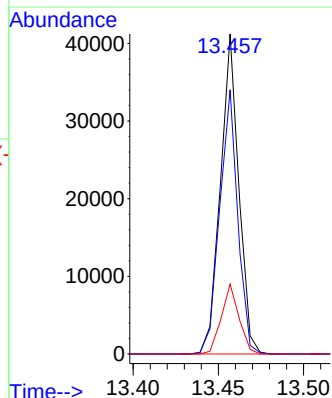
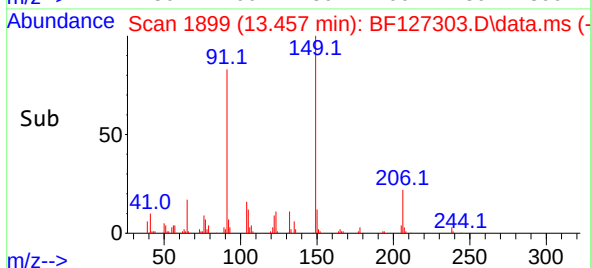
Reviewed By :Christian Giraldo 03/14/2022
 Supervised By :Jagrut Upadhyay 03/14/2022

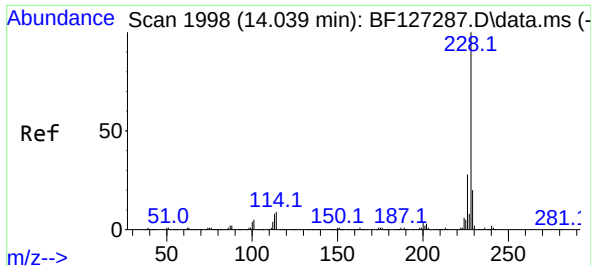


#80
 Butylbenzylphthalate
 Concen: 3.450 ng
 RT: 13.457 min Scan# 1899
 Delta R.T. -0.006 min
 Lab File: BF127303.D
 Acq: 11 Mar 2022 16:50



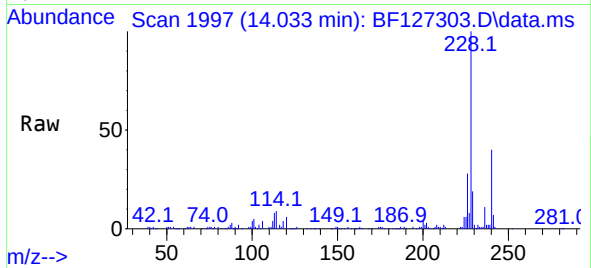
Tgt Ion:149 Resp: 30939
 Ion Ratio Lower Upper
 149 100
 91 82.5 70.5 105.7
 206 21.8 12.6 19.0





#81
Benzo(a)anthracene
Concen: 3.810 ng
RT: 14.033 min Scan# 1998
Delta R.T. -0.006 min
Lab File: BF127303.D
Acq: 11 Mar 2022 16:50

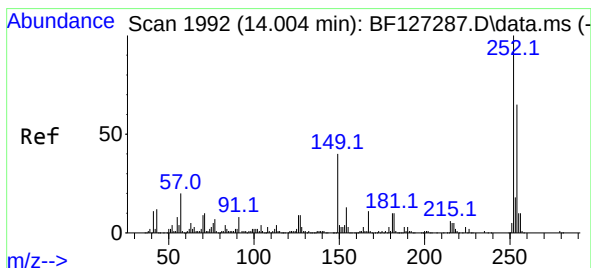
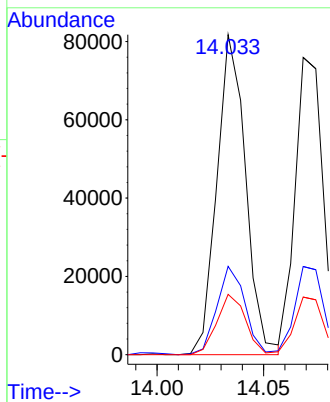
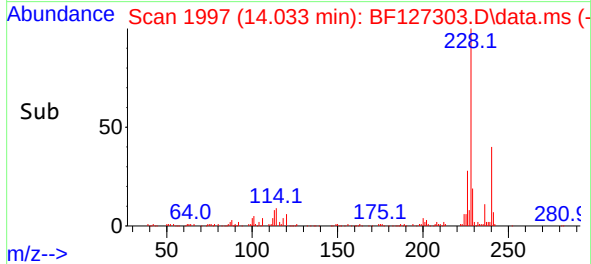
Instrument : BNA_F
ClientSampleId : LOD-MDL-WATER-01-QT1-2022



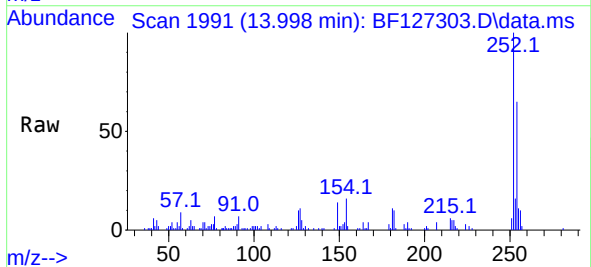
Tgt Ion:228 Resp: 7674
Ion Ratio Lower Upper
228 100
226 27.6 21.4 32.0
229 18.9 15.4 23.2

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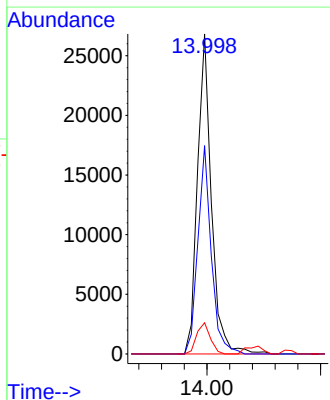
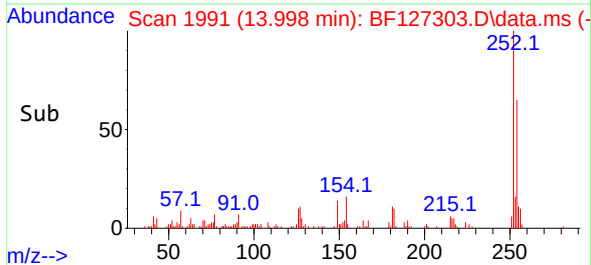
Reviewed By :Christian Giraldo 03/14/2022
Supervised By :Jagrut Upadhyay 03/14/2022

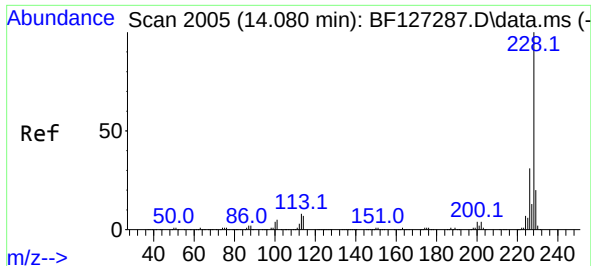


#82
3,3'-Dichlorobenzidine
Concen: 3.660 ng
RT: 13.998 min Scan# 1991
Delta R.T. -0.006 min
Lab File: BF127303.D
Acq: 11 Mar 2022 16:50



Tgt Ion:252 Resp: 22921
Ion Ratio Lower Upper
252 100
254 65.1 51.0 76.4
126 9.8 13.4 20.0#





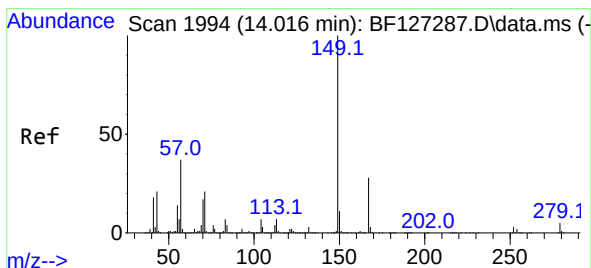
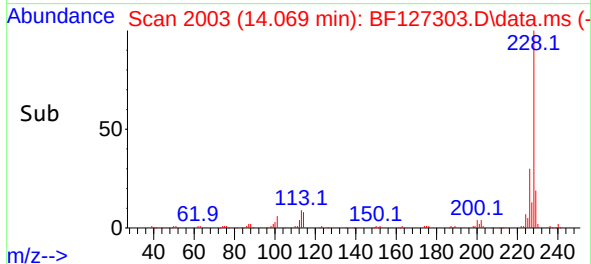
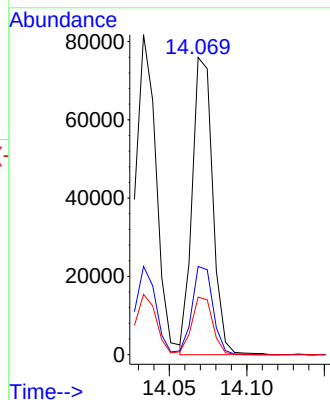
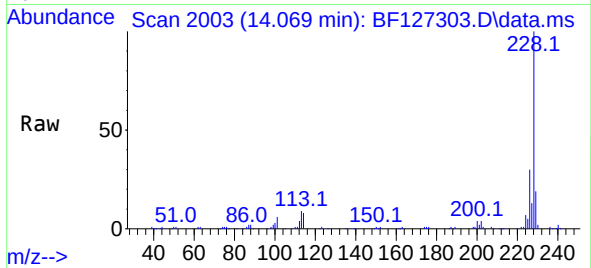
#83
Chrysene
Concen: 3.736 ng
RT: 14.069 min Scan# 2005
Delta R.T. -0.012 min
Lab File: BF127303.D
Acq: 11 Mar 2022 16:50

Instrument : BNA_F
ClientSampleId : LOD-MDL-WATER-01-QT1-2022

Tgt Ion:228 Resp: 70000
Ion Ratio Lower Upper
228 100
226 29.7 23.7 35.5
229 19.4 15.5 23.3

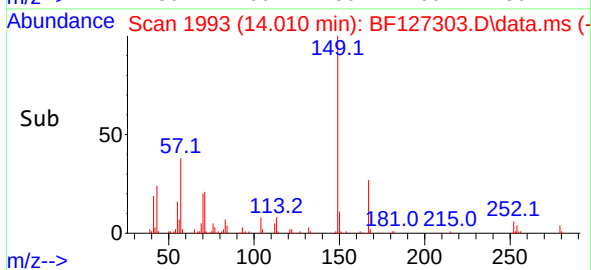
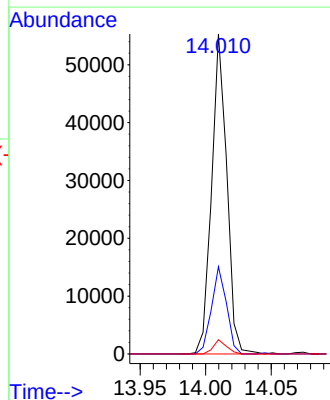
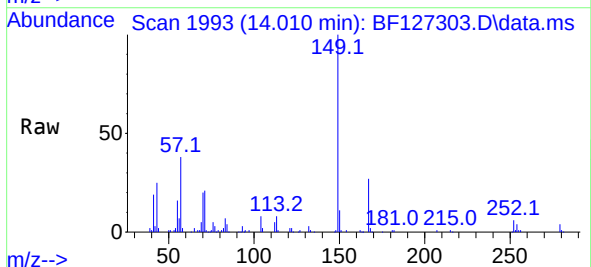
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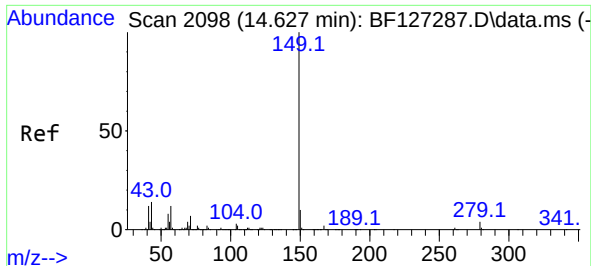
Reviewed By :Christian Giraldo 03/14/2022
Supervised By :Jagrut Upadhyay 03/14/2022



#84
Bis(2-ethylhexyl)phthalate
Concen: 3.692 ng
RT: 14.010 min Scan# 1993
Delta R.T. -0.006 min
Lab File: BF127303.D
Acq: 11 Mar 2022 16:50

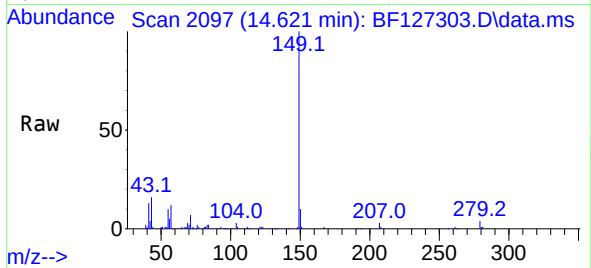
Tgt Ion:149 Resp: 44570
Ion Ratio Lower Upper
149 100
167 27.2 21.4 32.2
279 4.5 2.4 3.6#





#85
Di-n-octyl phthalate
Concen: 3.388 ng
RT: 14.621 min Scan# 2098
Delta R.T. -0.006 min
Lab File: BF127303.D
Acq: 11 Mar 2022 16:50

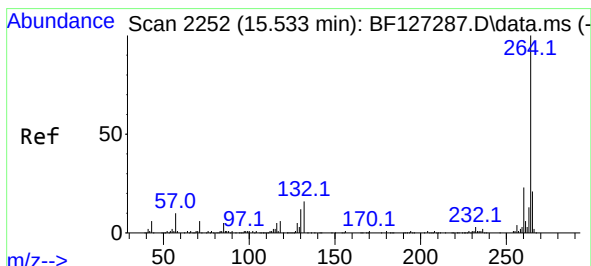
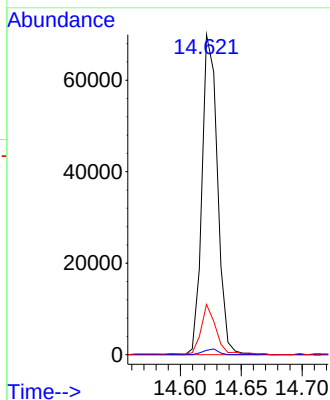
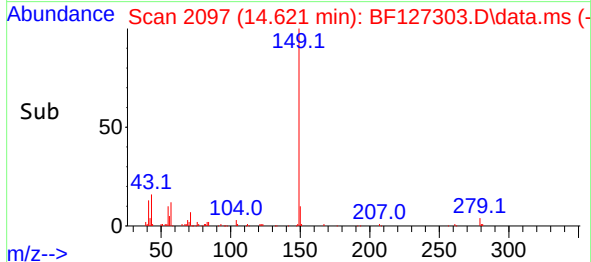
Instrument : BNA_F
ClientSampleId :
LOD-MDL-WATER-01-QT1-2022



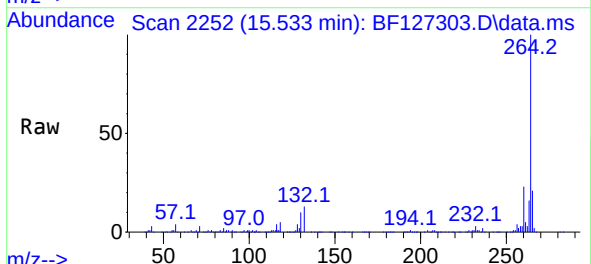
Tgt Ion:149 Resp: 61904
Ion Ratio Lower Upper
149 100
167 1.7 1.1 1.7
43 15.7 9.9 14.9

Manual Integrations
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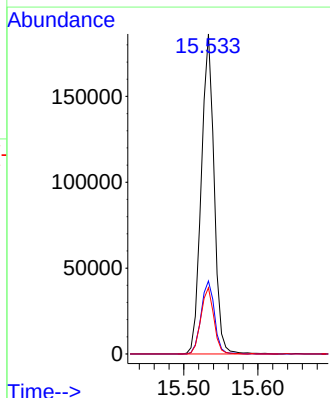
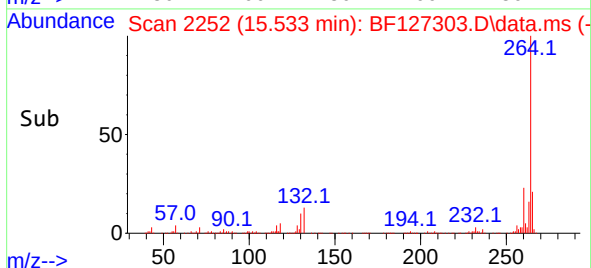
Reviewed By :Christian Giraldo 03/14/2022
Supervised By :Jagrut Upadhyay 03/14/2022

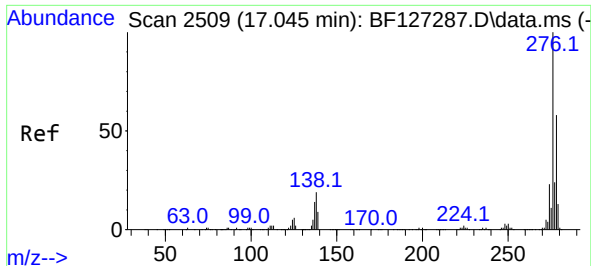


#86
Perylene-d12
Concen: 20.000 ng
RT: 15.533 min Scan# 2252
Delta R.T. 0.000 min
Lab File: BF127303.D
Acq: 11 Mar 2022 16:50



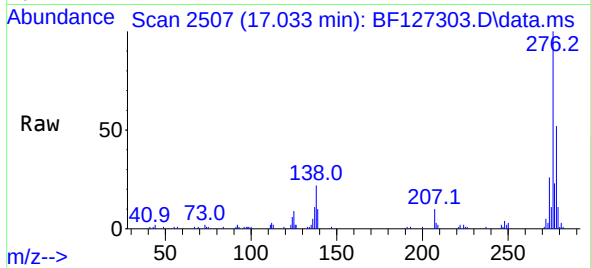
Tgt Ion:264 Resp: 223982
Ion Ratio Lower Upper
264 100
260 22.8 19.2 28.8
265 20.7 17.4 26.2





#87
Indeno(1,2,3-cd)pyrene
Concen: 3.223 ng
RT: 17.033 min Scan# 2177
Delta R.T. -0.012 min
Lab File: BF127303.D
Acq: 11 Mar 2022 16:50

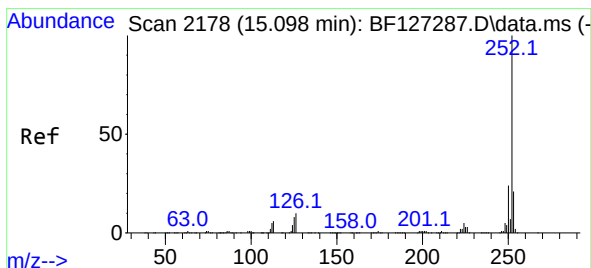
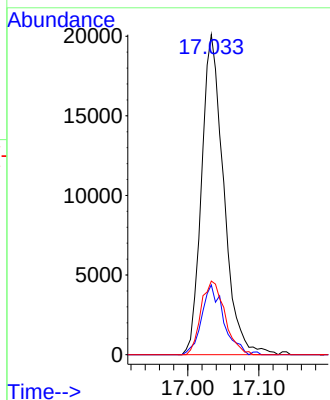
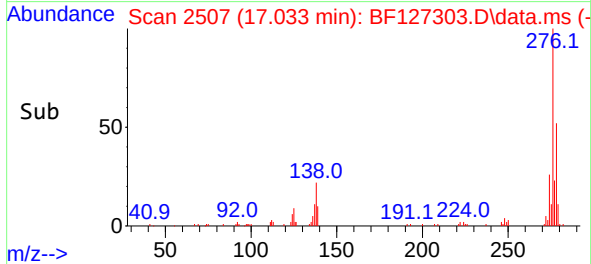
Instrument : BNA_F
ClientSampleId :
LOD-MDL-WATER-01-QT1-2022



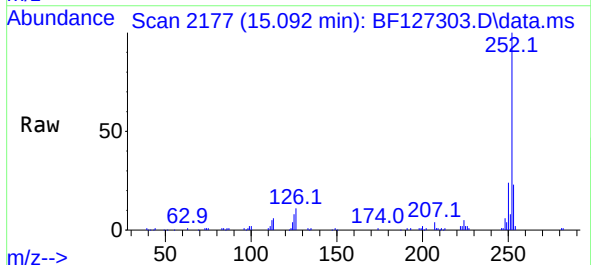
Tgt Ion:276 Resp: 4349
Ion Ratio Lower Upper
276 100
138 21.6 29.2 43.8
277 24.7 19.8 29.8

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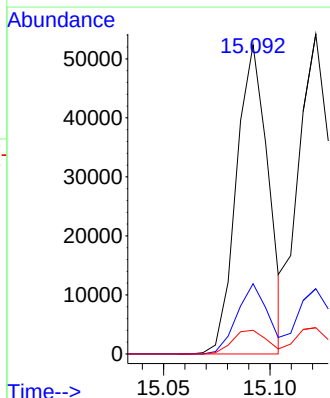
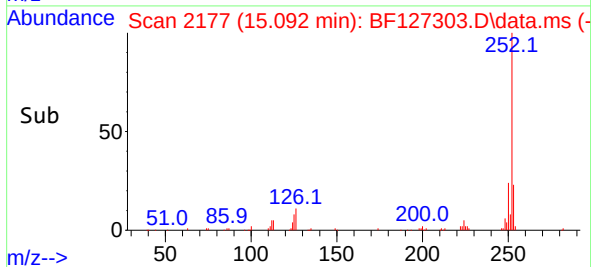
Reviewed By :Christian Giraldo 03/14/2022
Supervised By :Jagrut Upadhyay 03/14/2022

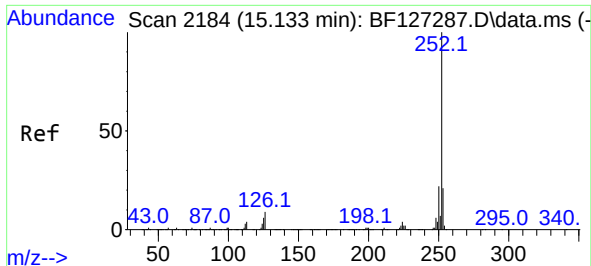


#88
Benzo(b)fluoranthene
Concen: 3.724 ng
RT: 15.092 min Scan# 2177
Delta R.T. -0.006 min
Lab File: BF127303.D
Acq: 11 Mar 2022 16:50



Tgt Ion:252 Resp: 54748
Ion Ratio Lower Upper
252 100
253 22.7 17.8 26.8
125 7.7 12.4 18.6





#89

Benzo(k)fluoranthene

Concen: 4.285 ng

RT: 15.121 min Scan# 2182

Delta R.T. -0.012 min

Lab File: BF127303.D

Acq: 11 Mar 2022 16:50

Instrument :

BNA_F

ClientSampleId :

LOD-MDL-WATER-01-QT1-2022

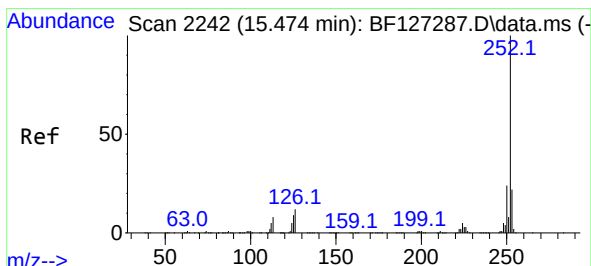
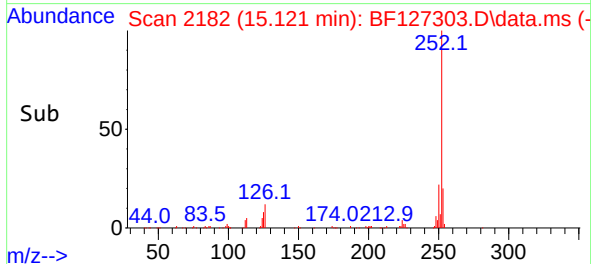
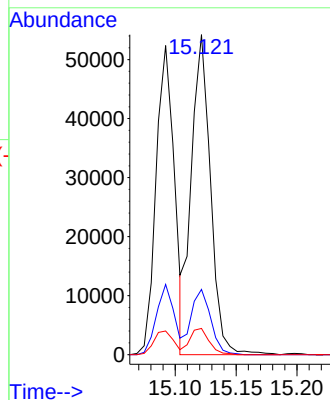
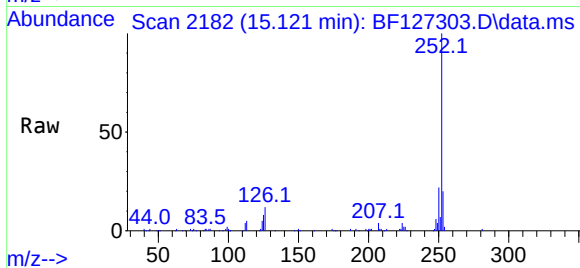
Tgt Ion:252	Resp:	59234
Ion Ratio	Lower	Upper
252	100	
253	20.4	17.5 26.3
125	8.2	11.8 17.6

Manual Integrations

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Reviewed By :Christian Giraldo 03/14/2022

Supervised By :Jagrut Upadhyay 03/14/2022



#90

Benzo(a)pyrene

Concen: 4.263 ng

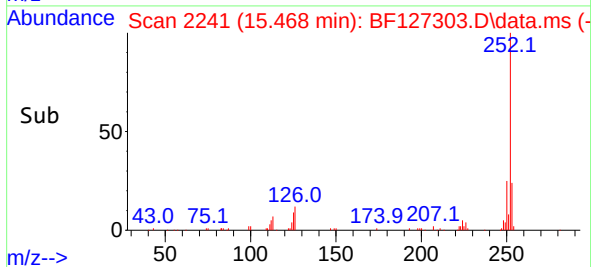
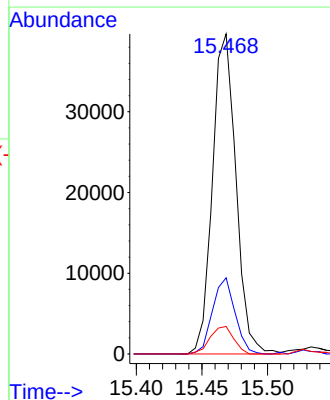
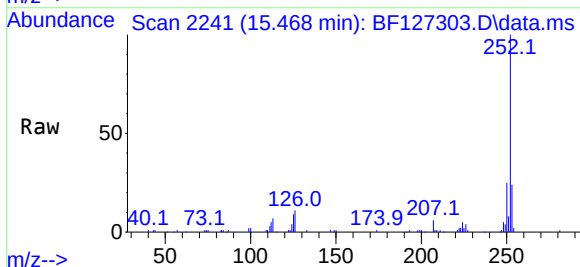
RT: 15.468 min Scan# 2241

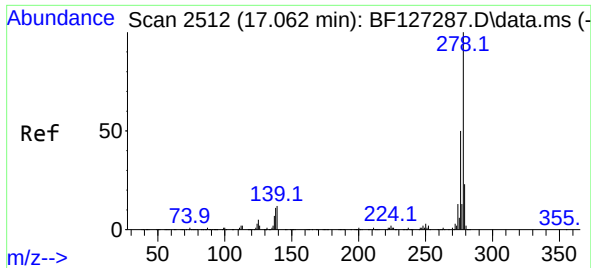
Delta R.T. -0.006 min

Lab File: BF127303.D

Acq: 11 Mar 2022 16:50

Tgt Ion:252	Resp:	49349
Ion Ratio	Lower	Upper
252	100	
253	23.8	17.1 25.7
125	8.6	13.0 19.6





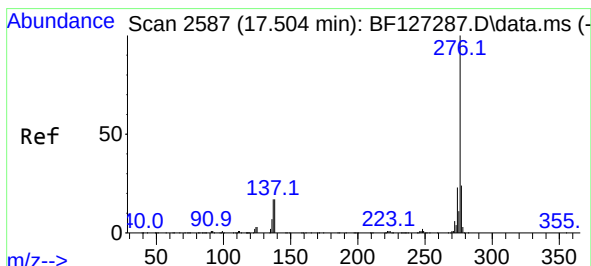
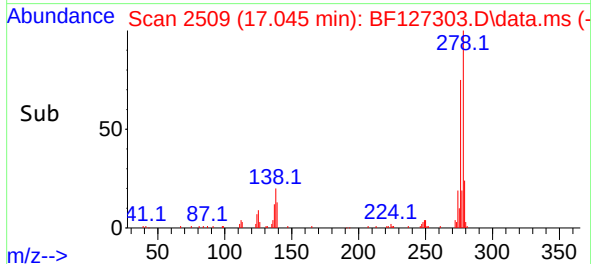
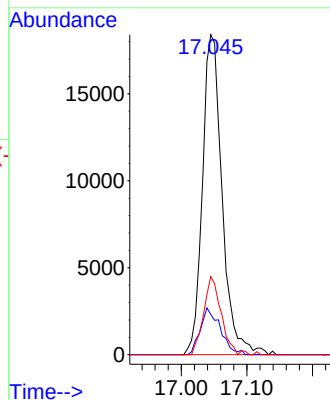
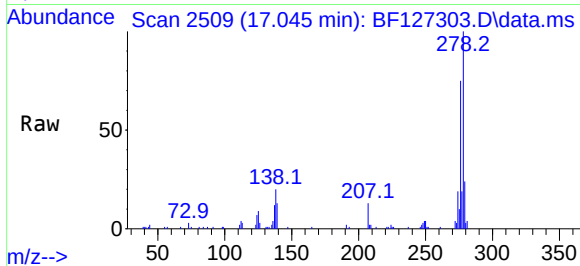
#91
Dibenzo(a,h)anthracene
Concen: 3.430 ng
RT: 17.045 min Scan# 2509
Delta R.T. -0.018 min
Lab File: BF127303.D
Acq: 11 Mar 2022 16:50

Instrument : BNA_F
ClientSampleId : LOD-MDL-WATER-01-QT1-2022

Tgt Ion: 278 Resp: 38520
Ion Ratio Lower Upper
278 100
139 12.6 18.0 27.0
279 24.4 18.6 27.8

Manual Integrations
APPROVED

Reviewed By : Christian Giraldo 03/14/2022
Supervised By : Jagrut Upadhyay 03/14/2022



#92
Benzo(g,h,i)perylene
Concen: 3.313 ng
RT: 17.486 min Scan# 2584
Delta R.T. -0.018 min
Lab File: BF127303.D
Acq: 11 Mar 2022 16:50

Tgt Ion: 276 Resp: 36296
Ion Ratio Lower Upper
276 100
277 22.3 18.5 27.7
138 19.8 25.9 38.9

