

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF072222\
 Data File : BF129310.D
 Acq On : 22 Jul 2022 12:03
 Operator : CG\JU
 Sample : N3214-09
 Misc : MDL-MDL-WATER 8ppm
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 MDL-WATER-03-QT2-2022

Quant Time: Jul 22 12:50:29 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF072022.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Jul 20 13:42:18 2022
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By : Christian Giraldo 07/25/2022
 Supervised By : Jagrut Upadhyay 07/25/2022

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.893	152	120756	20.000	ng	0.00
21) Naphthalene-d8	8.175	136	461522	20.000	ng	0.00
39) Acenaphthene-d10	9.934	164	247877	20.000	ng	0.00
64) Phenanthrene-d10	11.422	188	433914	20.000	ng	0.00
76) Chrysene-d12	14.069	240	344560	20.000	ng	-0.01
86) Perylene-d12	15.563	264	286699	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.510	112	821011	110.893	ng	0.00
7) Phenol-d6	6.522	99	1090807	115.578	ng	0.00
23) Nitrobenzene-d5	7.457	82	780319	90.962	ng	0.00
42) 2,4,6-Tribromophenol	10.728	330	316492	132.340	ng	0.00
45) 2-Fluorobiphenyl	9.251	172	1376610	85.434	ng	0.00
79) Terphenyl-d14	13.010	244	1471692	79.549	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	2.669	88	22364	6.812	ng	91
3) Pyridine	3.540	79	50954m	5.622	ng	
4) n-Nitrosodimethylamine	3.399	42	29776	7.317	ng	# 92
6) Aniline	6.557	93	93018	8.010	ng	100
8) 2-Chlorophenol	6.675	128	62388	7.687	ng	98
9) Benzaldehyde	6.446	77	53143	8.209	ng	98
10) Phenol	6.528	94	71395	7.198	ng	79
11) bis(2-Chloroethyl)ether	6.628	93	58429	7.442	ng	90
12) 1,3-Dichlorobenzene	6.834	146	67693	7.738	ng	99
13) 1,4-Dichlorobenzene	6.910	146	70615	7.978	ng	99
14) 1,2-Dichlorobenzene	7.063	146	65380	7.994	ng	98
15) Benzyl Alcohol	7.028	79	63750	9.310	ng	99
16) 2,2'-oxybis(1-Chloropr...	7.163	45	86159	7.198	ng	93
17) 2-Methylphenol	7.134	107	48348	7.309	ng	97
18) Hexachloroethane	7.404	117	26734	8.050	ng	88
19) n-Nitroso-di-n-propyla...	7.293	70	44462	7.907	ng	98
20) 3+4-Methylphenols	7.287	107	65680	7.613	ng	91
22) Acetophenone	7.298	105	91568	8.450	ng	97
24) Nitrobenzene	7.475	77	71989	8.148	ng	97
25) Isophorone	7.704	82	123453	8.197	ng	98
26) 2-Nitrophenol	7.787	139	32072	7.523	ng	97
27) 2,4-Dimethylphenol	7.822	122	54276m	8.463	ng	
28) bis(2-Chloroethoxy)met...	7.916	93	73749	8.453	ng	96
29) 2,4-Dichlorophenol	8.028	162	50314	7.542	ng	98
30) 1,2,4-Trichlorobenzene	8.116	180	54423	7.850	ng	97
31) Naphthalene	8.198	128	187480	7.920	ng	98
32) Benzoic acid	7.881	122	18659m	3.980	ng	
33) 4-Chloroaniline	8.245	127	77110	7.987	ng	96
34) Hexachlorobutadiene	8.310	225	33107	8.354	ng	93
35) Caprolactam	8.581	113	16177	7.603	ng	# 70
36) 4-Chloro-3-methylphenol	8.716	107	58051	8.191	ng	96
37) 2-Methylnaphthalene	8.887	142	122775	8.004	ng	100
38) 1-Methylnaphthalene	8.987	142	118160	7.962	ng	97
40) 1,2,4,5-Tetrachloroben...	9.051	216	54256	8.337	ng	98
41) Hexachlorocyclopentadiene	9.039	237	23245	8.104	ng	98
43) 2,4,6-Trichlorophenol	9.163	196	34362	7.226	ng	99

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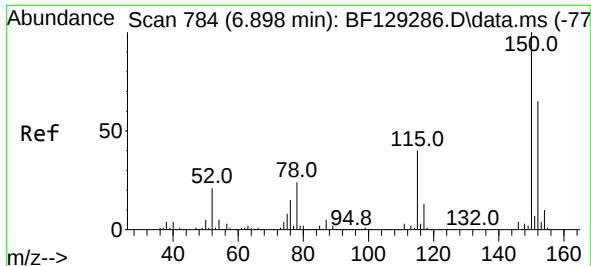
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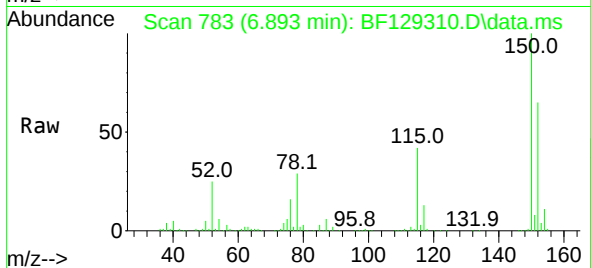
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.204	196	37135	7.198	ng	94
46) 1,1'-Biphenyl	9.351	154	152457	8.324	ng	99
47) 2-Chloronaphthalene	9.375	162	116540	7.943	ng	100
48) 2-Nitroaniline	9.469	65	37933	7.698	ng	99
49) Acenaphthylene	9.792	152	189383	8.405	ng	99
50) Dimethylphthalate	9.645	163	135274	7.943	ng	100
51) 2,6-Dinitrotoluene	9.710	165	29984	7.863	ng	95
52) Acenaphthene	9.963	154	112614	7.702	ng	98
53) 3-Nitroaniline	9.881	138	32907	7.253	ng	97
54) 2,4-Dinitrophenol	9.986	184	9725	5.040	ng	90
55) Dibenzofuran	10.139	168	166594	8.199	ng	96
56) 4-Nitrophenol	10.034	139	23082	6.966	ng	91
57) 2,4-Dinitrotoluene	10.116	165	38942	7.790	ng	# 90
58) Fluorene	10.481	166	134470	8.292	ng	99
59) 2,3,4,6-Tetrachlorophenol	10.251	232	28227m	7.097	ng	
60) Diethylphthalate	10.345	149	132530	8.089	ng	96
61) 4-Chlorophenyl-phenyle...	10.469	204	60303	8.499	ng	# 84
62) 4-Nitroaniline	10.486	138	32030	7.147	ng	94
63) Azobenzene	10.633	77	135380	7.986	ng	94
65) 4,6-Dinitro-2-methylph...	10.522	198	17717	6.638	ng	96
66) n-Nitrosodiphenylamine	10.586	169	112773	7.861	ng	95
67) 4-Bromophenyl-phenylether	10.963	248	37291	7.965	ng	95
68) Hexachlorobenzene	11.028	284	41062	8.008	ng	97
69) Atrazine	11.110	200	36070	8.227	ng	98
70) Pentachlorophenol	11.222	266	17238	6.115	ng	98
71) Phenanthrene	11.445	178	192078	8.065	ng	99
72) Anthracene	11.498	178	197072	8.351	ng	98
73) Carbazole	11.651	167	181824	8.260	ng	98
74) Di-n-butylphthalate	11.975	149	202949	7.979	ng	99
75) Fluoranthene	12.639	202	194552	8.015	ng	97
77) Benzidine	12.757	184	104859	7.636	ng	98
78) Pyrene	12.869	202	203461	6.904	ng	99
80) Butylbenzylphthalate	13.480	149	80315	6.679	ng	97
81) Benzo(a)anthracene	14.057	228	178407	7.519	ng	99
82) 3,3'-Dichlorobenzidine	14.016	252	62170	7.983	ng	# 96
83) Chrysene	14.092	228	171128	7.642	ng	99
84) Bis(2-ethylhexyl)phtha...	14.033	149	109195	7.394	ng	100
85) Di-n-octyl phthalate	14.651	149	157386	7.447	ng	97
87) Indeno(1,2,3-cd)pyrene	17.062	276	115711	5.887	ng	99
88) Benzo(b)fluoranthene	15.116	252	162513	8.516	ng	98
89) Benzo(k)fluoranthene	15.145	252	140908	7.605	ng	98
90) Benzo(a)pyrene	15.492	252	134481	8.710	ng	99
91) Dibenzo(a,h)anthracene	17.080	278	99040	6.252	ng	99
92) Benzo(g,h,i)perylene	17.521	276	98292	5.971	ng	96

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



#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.893 min Scan# 71
 Delta R.T. -0.005 min
 Lab File: BF129310.D
 Acq: 22 Jul 2022 12:03

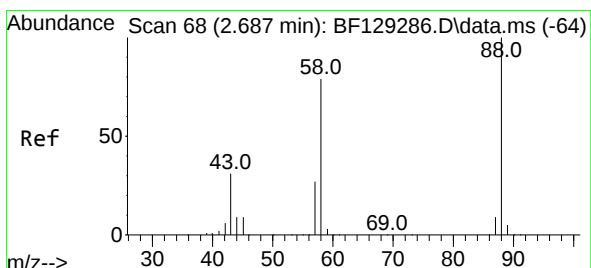
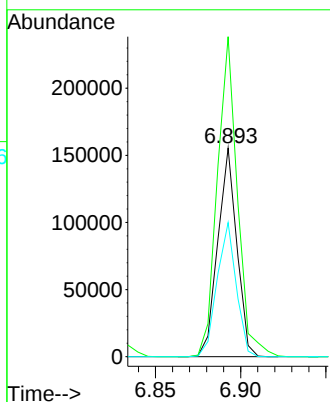
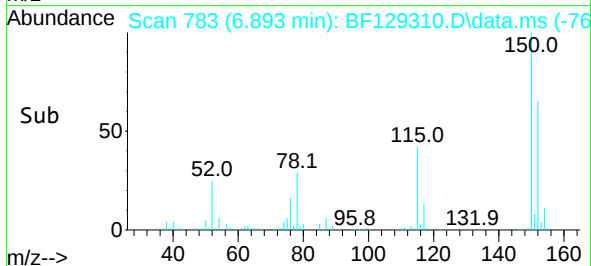
Instrument : BNA_F
 ClientSampleId : MDL-WATER-03-QT2-2022



Tgt Ion:152 Resp: 120750
 Ion Ratio Lower Upper
 152 100
 150 153.4 123.7 185.5
 115 64.3 49.9 74.9

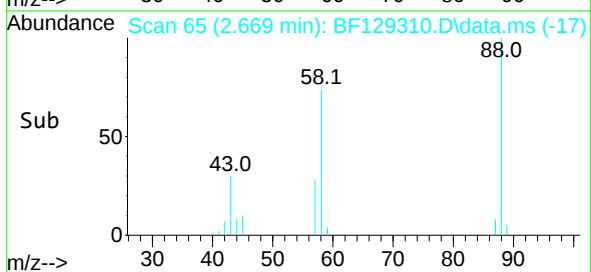
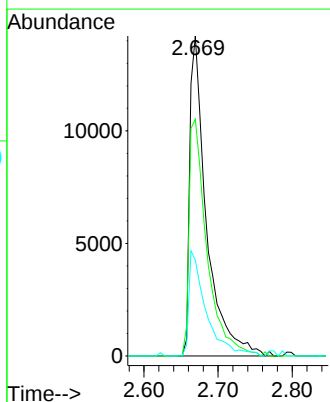
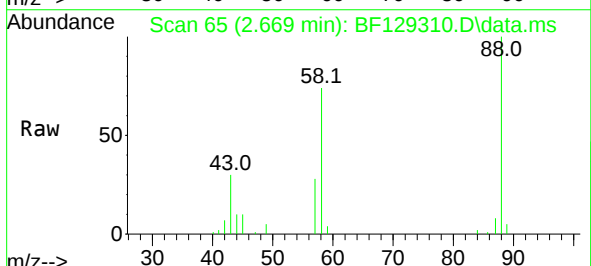
Manual Integrations
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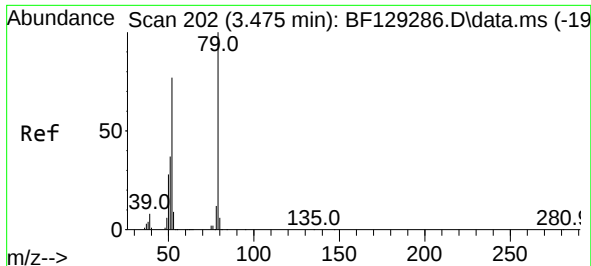
Reviewed By :Christian Giraldo 07/25/2022
 Supervised By :Jagrut Upadhyay 07/25/2022



#2
 1,4-Dioxane
 Concen: 6.812 ng
 RT: 2.669 min Scan# 65
 Delta R.T. -0.017 min
 Lab File: BF129310.D
 Acq: 22 Jul 2022 12:03

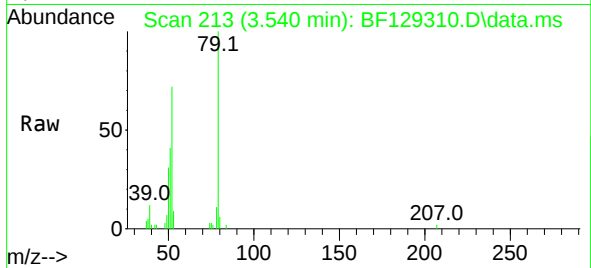
Tgt Ion: 88 Resp: 22364
 Ion Ratio Lower Upper
 88 100
 58 78.5 71.8 107.8
 43 33.8 26.6 39.8





#3
Pyridine
Concen: 5.622 ng m
RT: 3.540 min Scan# 213
Delta R.T. 0.065 min
Lab File: BF129310.D
Acq: 22 Jul 2022 12:03

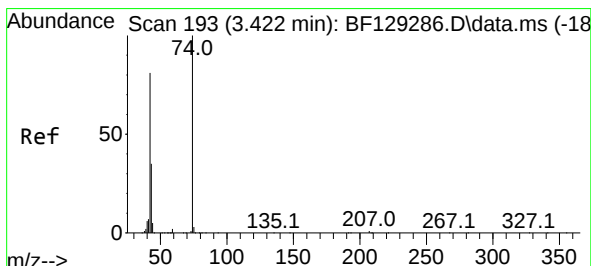
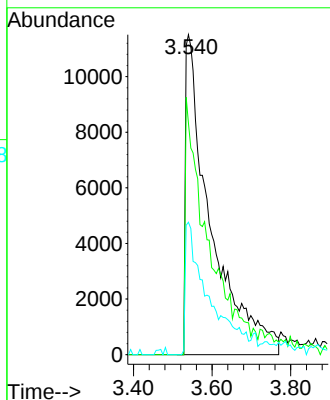
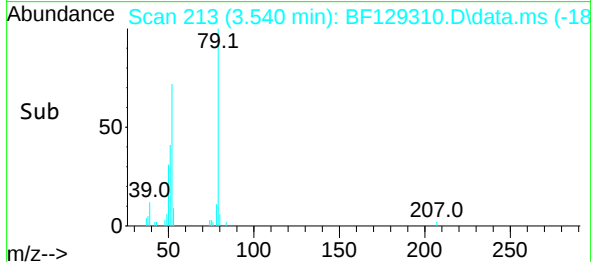
Instrument :
BNA_F
ClientSampleId :
MDL-WATER-03-QT2-2022



Tgt Ion: 79 Resp: 50954
Ion Ratio Lower Upper
79 100
52 72.3 68.6 102.8
51 41.4 32.9 49.3

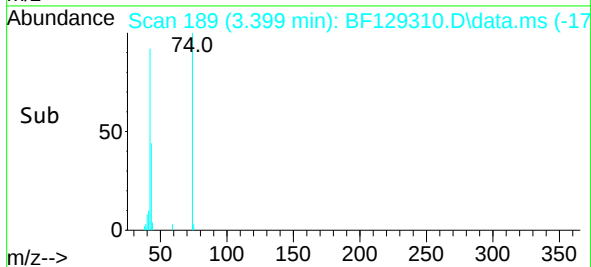
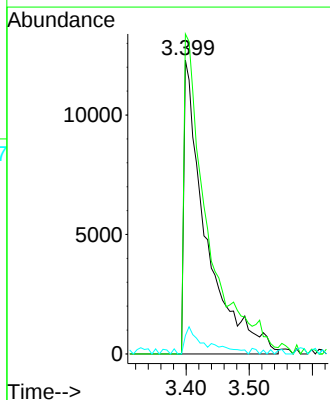
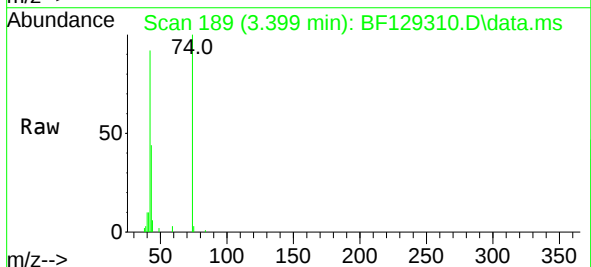
Manual Integrations
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Supervised By :Jagrut Upadhyay 07/25/2022



#4
n-Nitrosodimethylamine
Concen: 7.317 ng
RT: 3.399 min Scan# 189
Delta R.T. -0.023 min
Lab File: BF129310.D
Acq: 22 Jul 2022 12:03

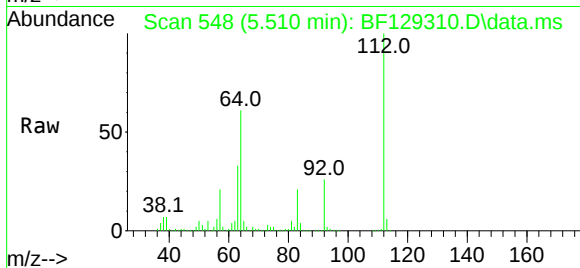
Tgt Ion: 42 Resp: 29776
Ion Ratio Lower Upper
42 100
74 108.9 94.8 142.2
44 6.2 6.6 10.0#





#5
2-Fluorophenol
Concen: 110.893 ng
RT: 5.510 min Scan# 549
Delta R.T. -0.006 min
Lab File: BF129310.D
Acq: 22 Jul 2022 12:03

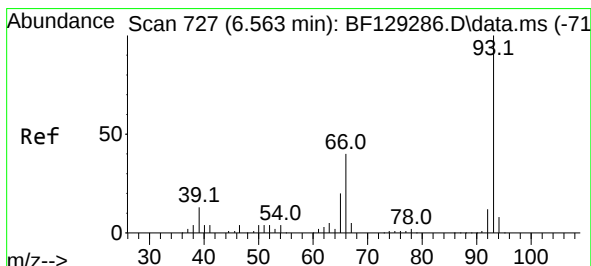
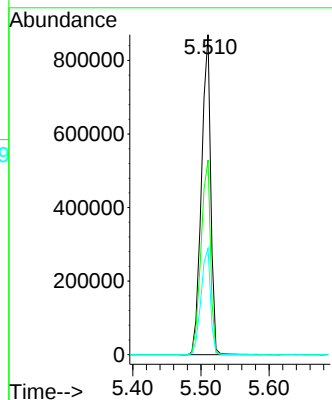
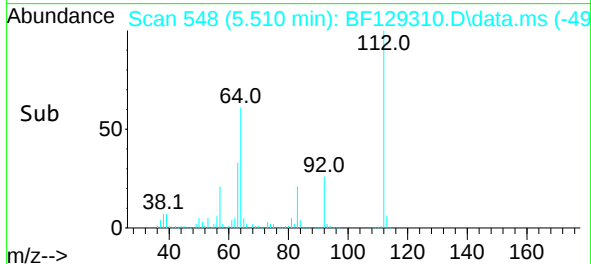
Instrument :
BNA_F
ClientSampleId :
MDL-WATER-03-QT2-2022



Tgt Ion: 112 Resp: 821018
Ion Ratio Lower Upper
112 100
64 60.9 53.3 79.9
63 33.2 28.0 42.0

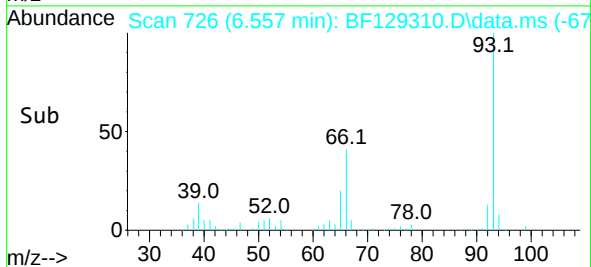
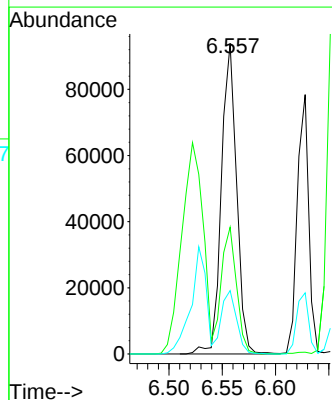
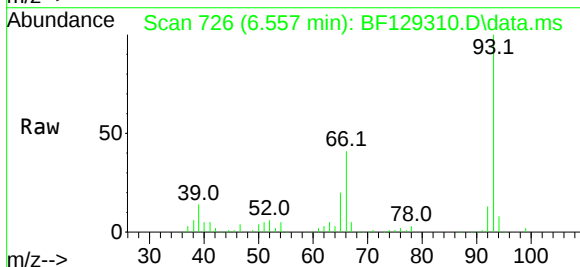
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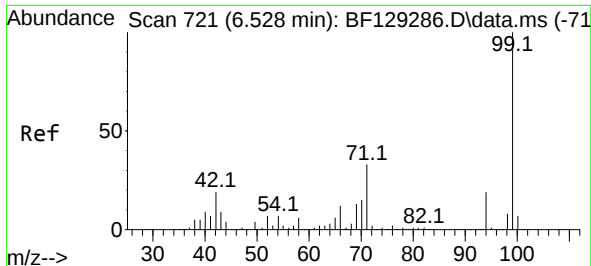
Reviewed By : Christian Giraldo 07/25/2022
Supervised By : Jagrut Upadhyay 07/25/2022



#6
Aniline
Concen: 8.010 ng
RT: 6.557 min Scan# 726
Delta R.T. -0.006 min
Lab File: BF129310.D
Acq: 22 Jul 2022 12:03

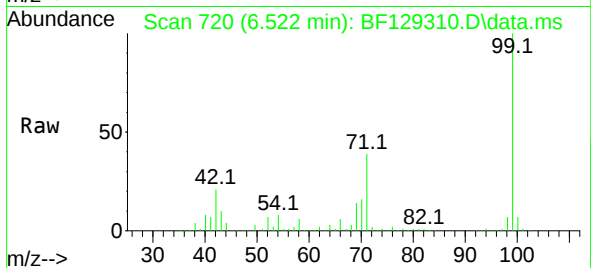
Tgt Ion: 93 Resp: 93018
Ion Ratio Lower Upper
93 100
66 40.8 32.5 48.7
65 20.4 16.4 24.6





#7
Phenol-d6
Concen: 115.578 ng
RT: 6.522 min Scan# 71
Delta R.T. -0.006 min
Lab File: BF129310.D
Acq: 22 Jul 2022 12:03

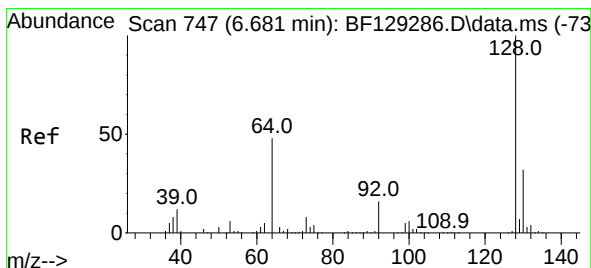
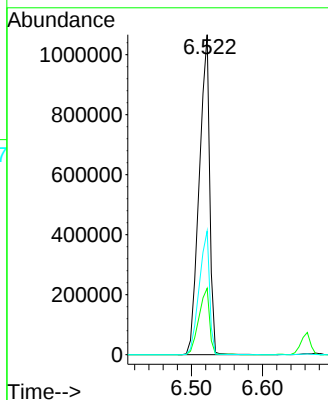
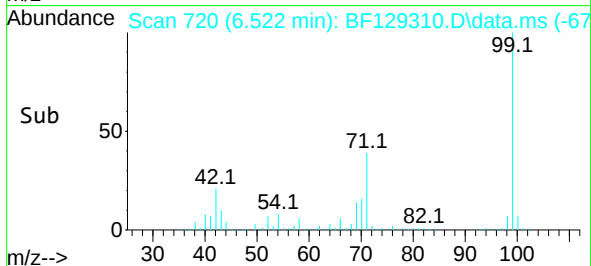
Instrument :
BNA_F
ClientSampleId :
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Tgt Ion: 99 Resp: 109080
Ion Ratio Lower Upper
99 100
42 20.8 17.3 25.9
71 38.6 28.9 43.3

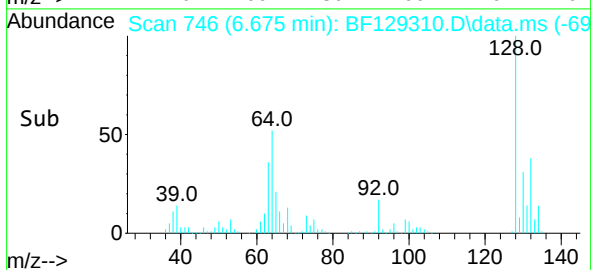
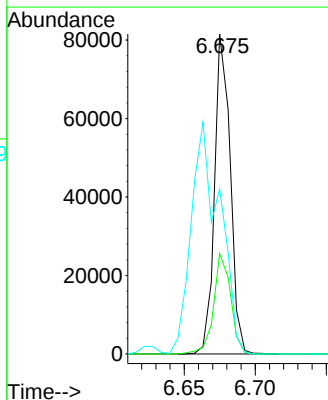
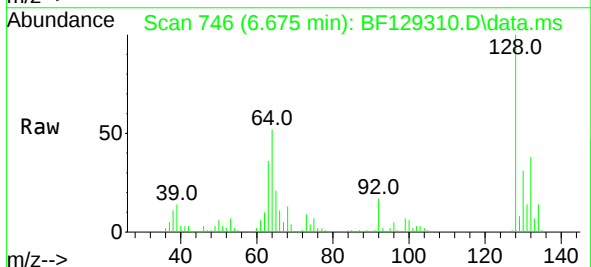
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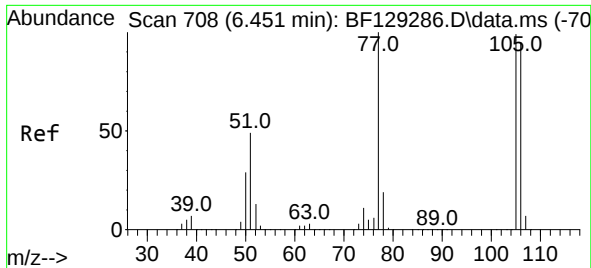
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#8
2-Chlorophenol
Concen: 7.687 ng
RT: 6.675 min Scan# 746
Delta R.T. -0.006 min
Lab File: BF129310.D
Acq: 22 Jul 2022 12:03

Tgt Ion:128 Resp: 62388
Ion Ratio Lower Upper
128 100
130 31.3 13.1 53.1
64 51.6 30.9 70.9





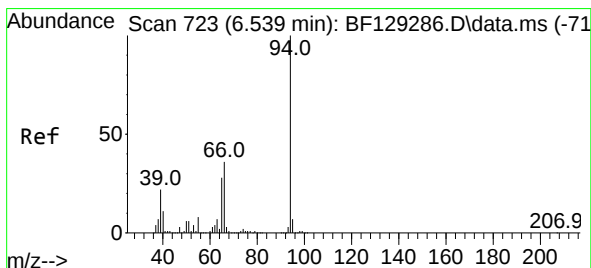
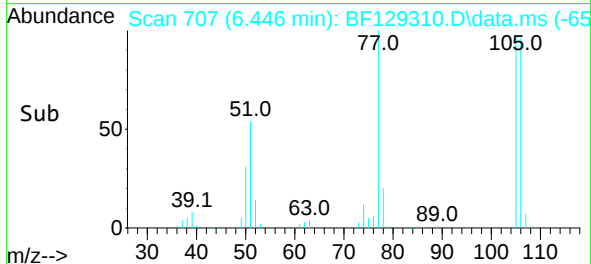
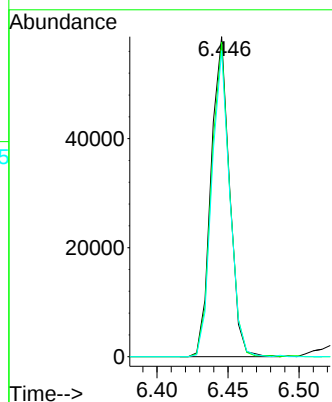
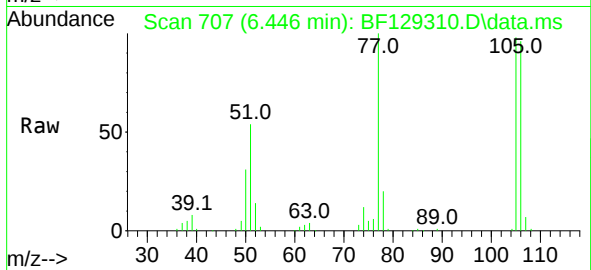
#9
Benzaldehyde
Concen: 8.209 ng
RT: 6.446 min Scan# 708
Delta R.T. -0.006 min
Lab File: BF129310.D
Acq: 22 Jul 2022 12:03

Instrument : BNA_F
ClientSampleId : MDL-WATER-03-QT2-2022

Tgt Ion: 77 Resp: 5314
Ion Ratio Lower Upper
77 100
105 98.4 81.6 121.6
106 95.6 76.1 116.1

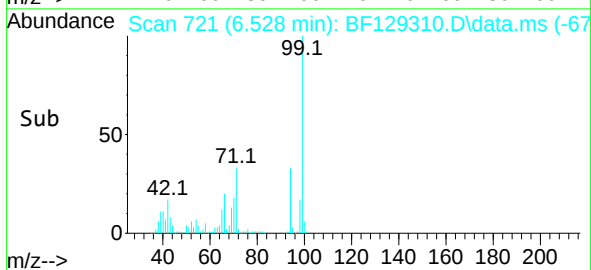
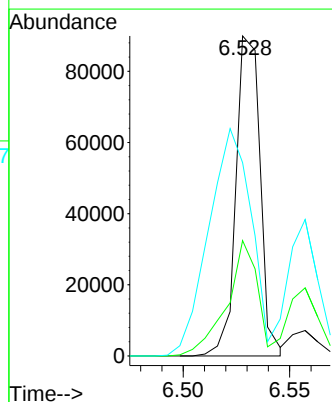
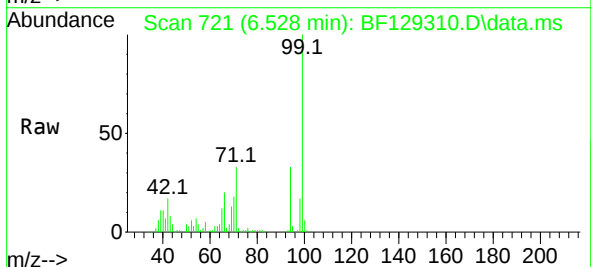
Manual Integrations
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#10
Phenol
Concen: 7.198 ng
RT: 6.528 min Scan# 721
Delta R.T. -0.012 min
Lab File: BF129310.D
Acq: 22 Jul 2022 12:03

Tgt Ion: 94 Resp: 71395
Ion Ratio Lower Upper
94 100
65 36.1 11.4 51.4
66 60.4 21.4 61.4





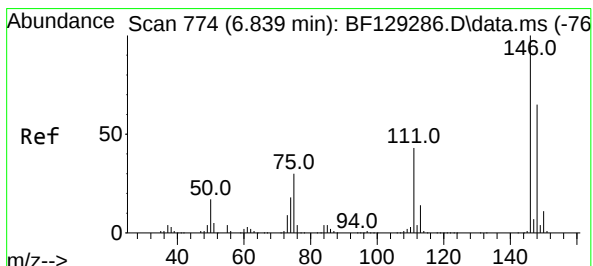
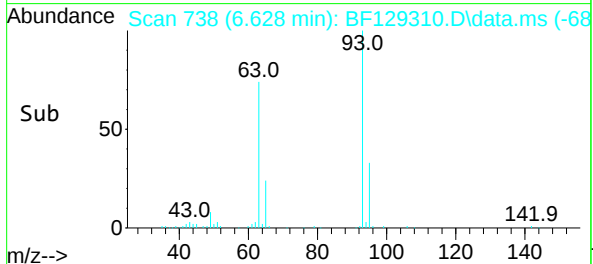
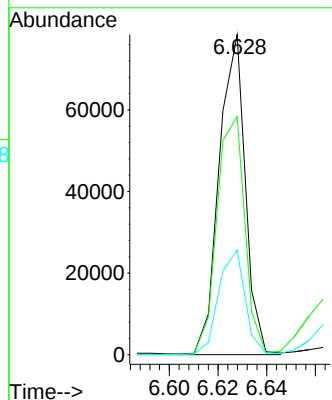
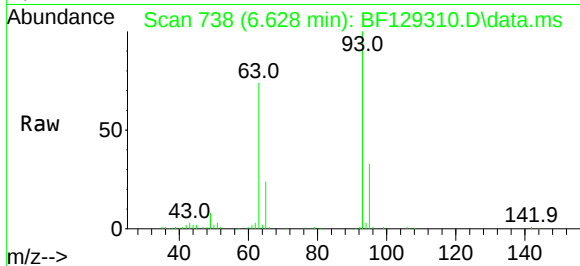
#11
bis(2-Chloroethyl)ether
Concen: 7.442 ng
RT: 6.628 min Scan# 71
Delta R.T. -0.006 min
Lab File: BF129310.D
Acq: 22 Jul 2022 12:03

Instrument :
BNA_F
ClientSampleId :
MDL-WATER-03-QT2-2022

Tgt Ion: 93 Resp: 58429
Ion Ratio Lower Upper
93 100
63 74.4 67.4 107.4
95 32.6 12.7 52.7

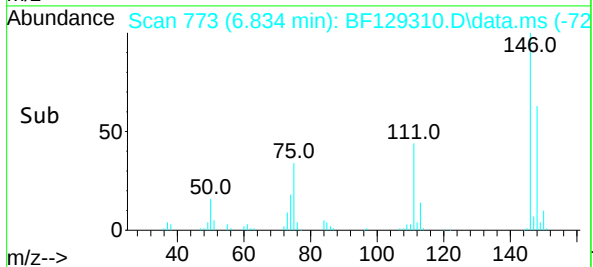
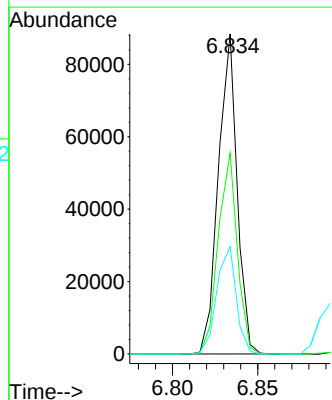
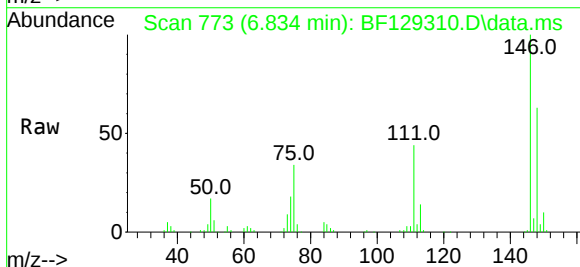
Manual Integrations
APPROVED

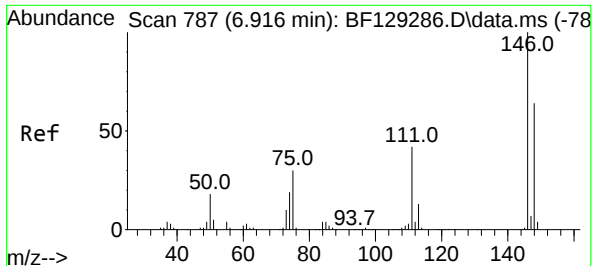
Reviewed By :Christian Giraldo 07/25/2022
Supervised By :Jagrut Upadhyay 07/25/2022



#12
1,3-Dichlorobenzene
Concen: 7.738 ng
RT: 6.834 min Scan# 773
Delta R.T. -0.006 min
Lab File: BF129310.D
Acq: 22 Jul 2022 12:03

Tgt Ion:146 Resp: 67693
Ion Ratio Lower Upper
146 100
148 62.8 50.6 75.8
75 33.6 26.3 39.5





#13

1,4-Dichlorobenzene

Concen: 7.978 ng

RT: 6.910 min Scan# 787

Delta R.T. -0.006 min

Lab File: BF129310.D

Acq: 22 Jul 2022 12:03

Instrument :

BNA_F

ClientSampleId :

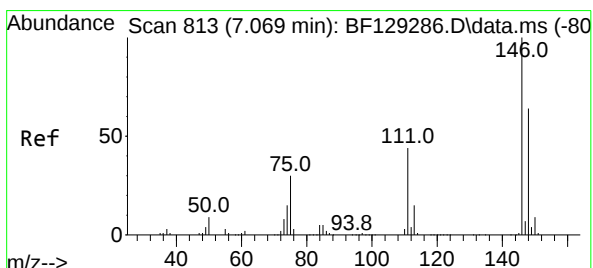
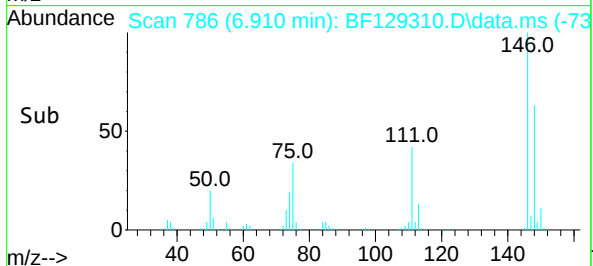
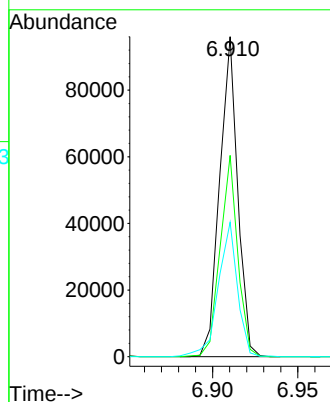
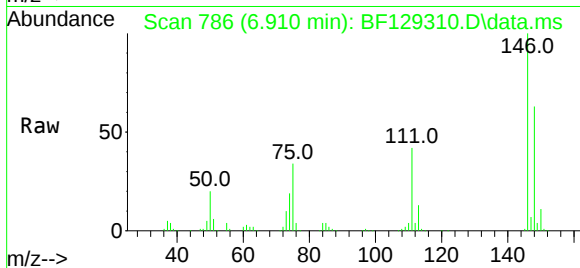
MDL-WATER-03-QT2-2022

Tgt Ion:146 Resp: 70615
 Ion Ratio Lower Upper
 146 100
 148 62.9 51.1 76.7
 111 42.0 34.2 51.4

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 07/25/2022
 Supervised By :Jagrut Upadhyay 07/25/2022



#14

1,2-Dichlorobenzene

Concen: 7.994 ng

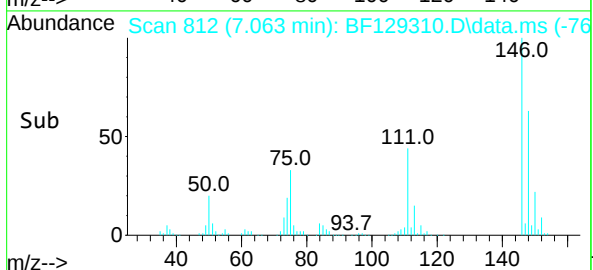
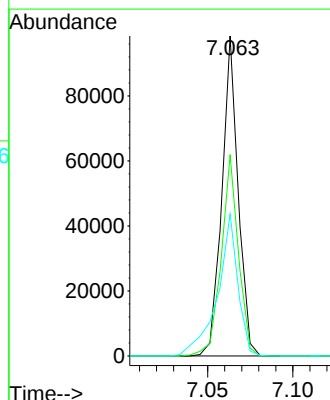
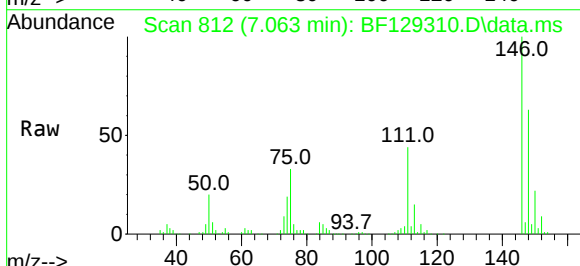
RT: 7.063 min Scan# 812

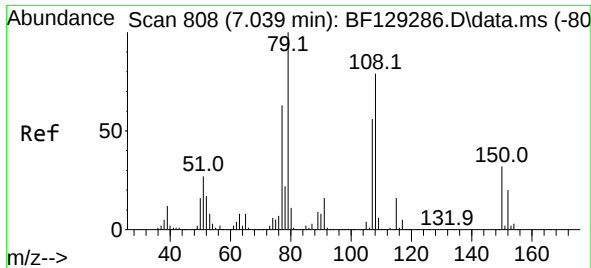
Delta R.T. -0.006 min

Lab File: BF129310.D

Acq: 22 Jul 2022 12:03

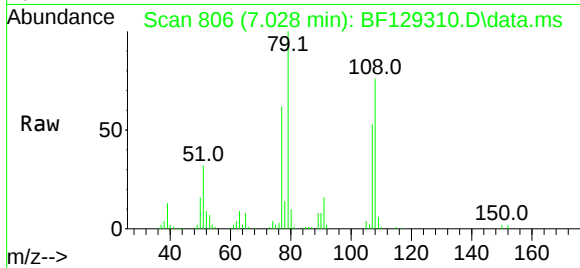
Tgt Ion:146 Resp: 65380
 Ion Ratio Lower Upper
 146 100
 148 62.9 51.8 77.8
 111 44.4 35.1 52.7





#15
Benzyl Alcohol
Concen: 9.310 ng
RT: 7.028 min Scan# 808
Delta R.T. -0.012 min
Lab File: BF129310.D
Acq: 22 Jul 2022 12:03

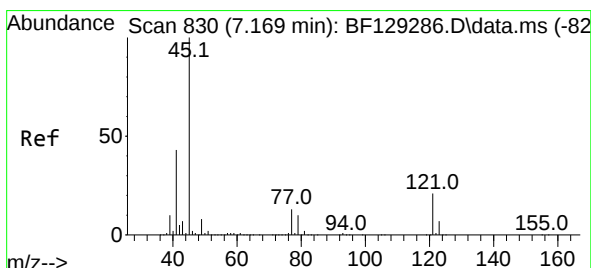
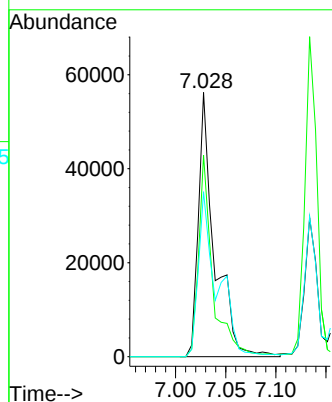
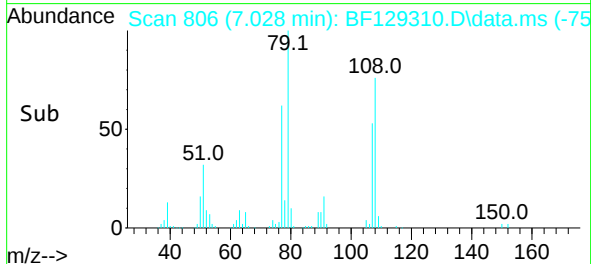
Instrument : BNA_F
ClientSampleId : MDL-WATER-03-QT2-2022



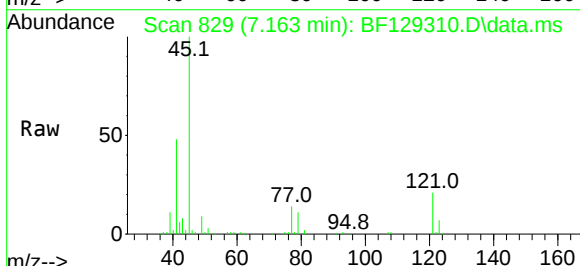
Tgt Ion: 79 Resp: 63750
Ion Ratio Lower Upper
79 100
108 76.3 61.8 92.6
77 62.4 50.2 75.4

Manual Integrations
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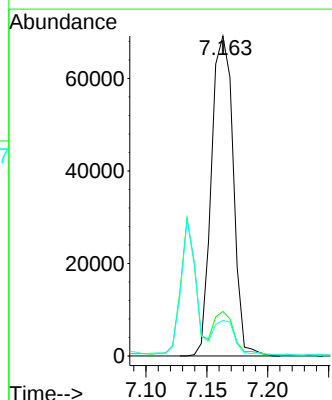
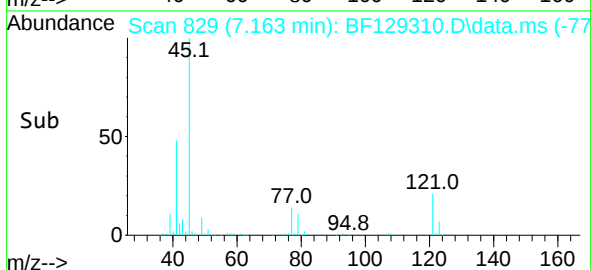
Reviewed By :Christian Giraldo 07/25/2022
Supervised By :Jagrut Upadhyay 07/25/2022

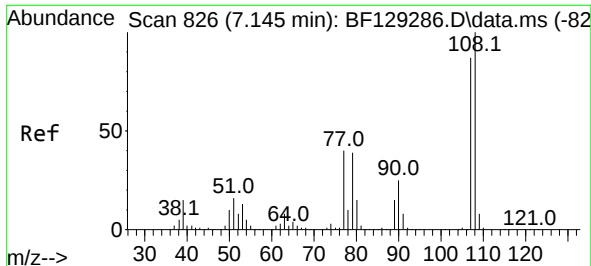


#16
2,2'-oxybis(1-Chloropropane)
Concen: 7.198 ng
RT: 7.163 min Scan# 829
Delta R.T. -0.006 min
Lab File: BF129310.D
Acq: 22 Jul 2022 12:03



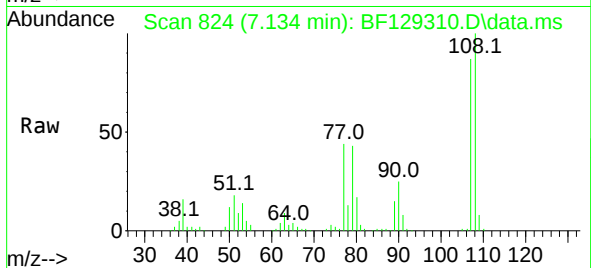
Tgt Ion: 45 Resp: 86159
Ion Ratio Lower Upper
45 100
77 13.9 0.0 31.3
79 11.1 0.0 28.3





#17
2-Methylphenol
Concen: 7.309 ng
RT: 7.134 min Scan# 81
Delta R.T. -0.012 min
Lab File: BF129310.D
Acq: 22 Jul 2022 12:03

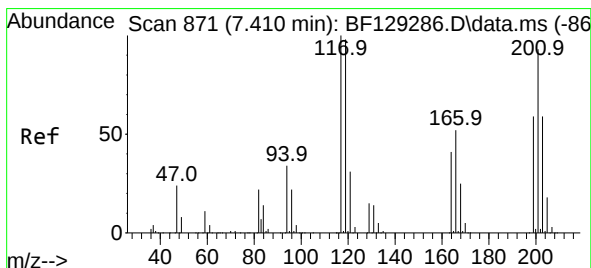
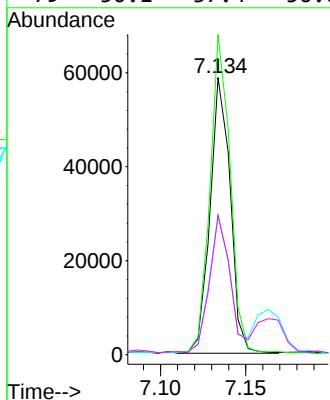
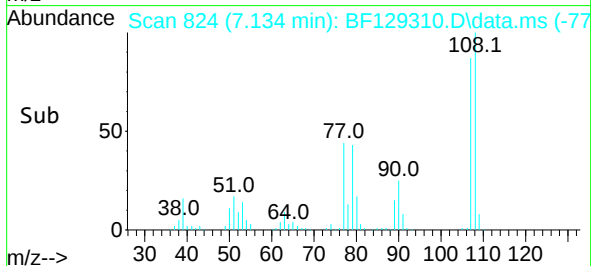
Instrument : BNA_F
ClientSampleId : MDL-WATER-03-QT2-2022



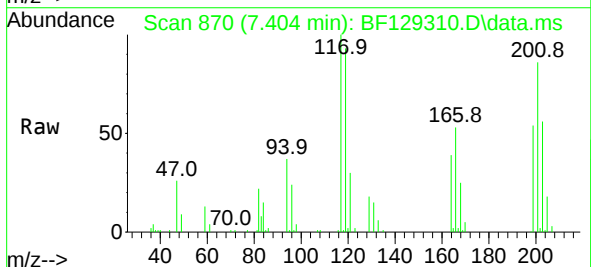
Tgt Ion:107 Resp: 4834
Ion Ratio Lower Upper
107 100
108 115.5 91.9 137.9
77 50.6 37.8 56.8
79 50.1 37.4 56.0

Manual Integrations
APPROVED

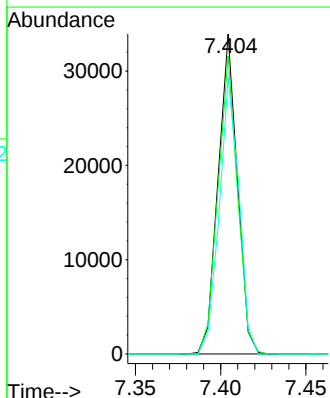
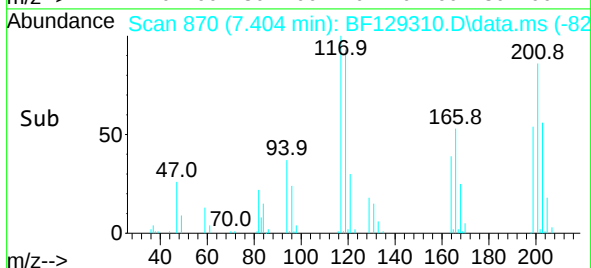
Reviewed By :Christian Giraldo 07/25/2022
Supervised By :Jagrut Upadhyay 07/25/2022

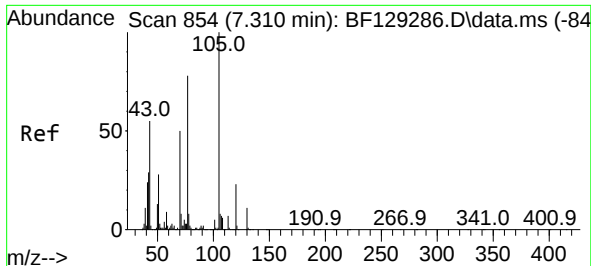


#18
Hexachloroethane
Concen: 8.050 ng
RT: 7.404 min Scan# 870
Delta R.T. -0.006 min
Lab File: BF129310.D
Acq: 22 Jul 2022 12:03



Tgt Ion:117 Resp: 26734
Ion Ratio Lower Upper
117 100
119 93.1 77.4 116.2
201 86.3 84.6 127.0





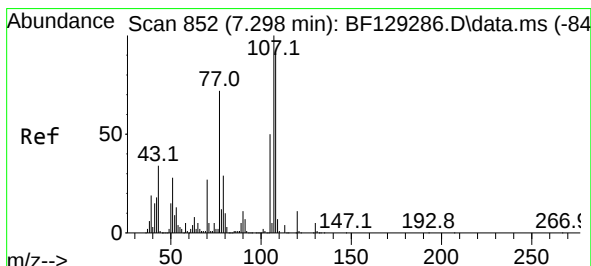
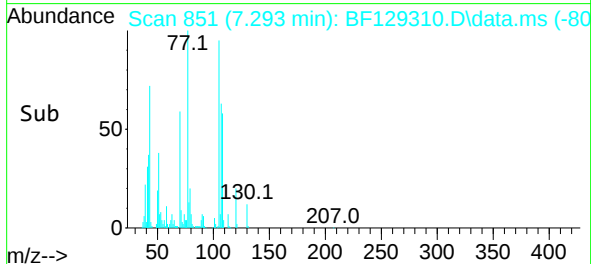
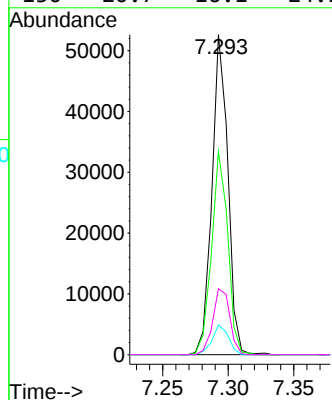
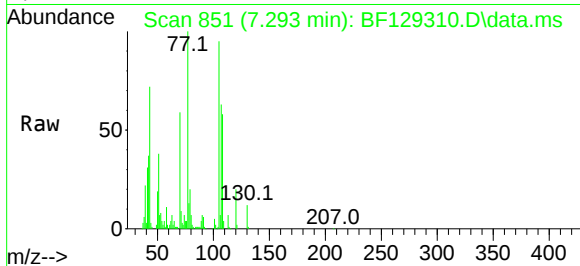
#19
n-Nitroso-di-n-propylamine
Concen: 7.907 ng
RT: 7.293 min Scan# 81
Delta R.T. -0.017 min
Lab File: BF129310.D
Acq: 22 Jul 2022 12:03

Instrument : BNA_F
ClientSampleId : MDL-WATER-03-QT2-2022

Tgt Ion: 70 Resp: 44462
Ion Ratio Lower Upper
70 100
42 63.6 52.3 78.5
101 9.3 7.5 11.3
130 20.7 16.1 24.1

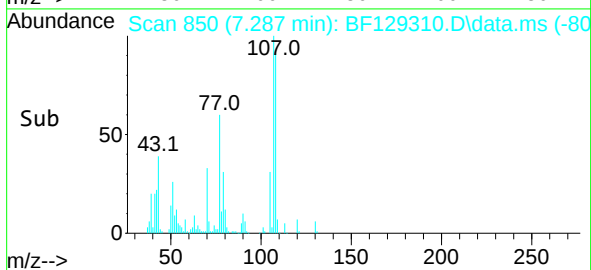
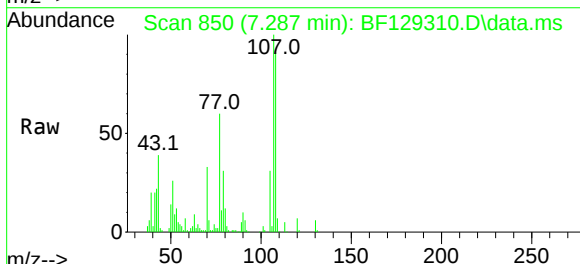
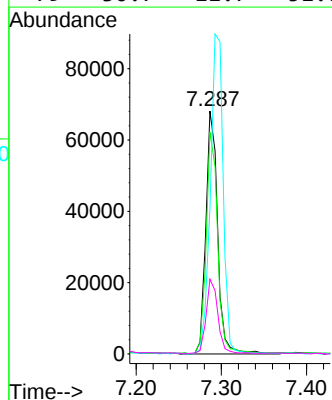
Manual Integrations
APPROVED

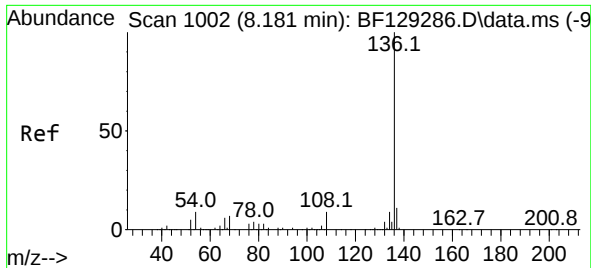
Reviewed By :Christian Giraldo 07/25/2022
Supervised By :Jagrut Upadhyay 07/25/2022



#20
3+4-Methylphenols
Concen: 7.613 ng
RT: 7.287 min Scan# 850
Delta R.T. -0.012 min
Lab File: BF129310.D
Acq: 22 Jul 2022 12:03

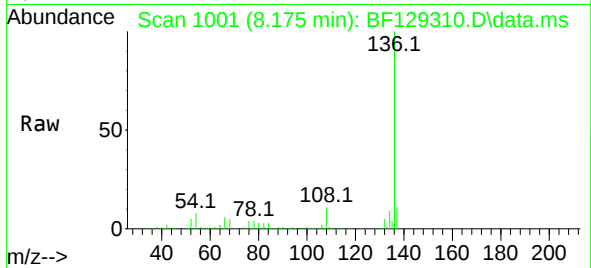
Tgt Ion:107 Resp: 65680
Ion Ratio Lower Upper
107 100
108 91.3 71.8 111.8
77 60.0 59.3 99.3
79 30.7 11.7 51.7





#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.175 min Scan# 1001
Delta R.T. -0.006 min
Lab File: BF129310.D
Acq: 22 Jul 2022 12:03

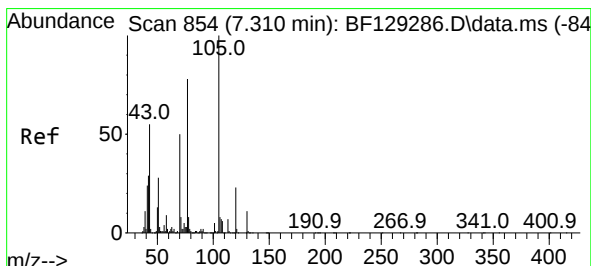
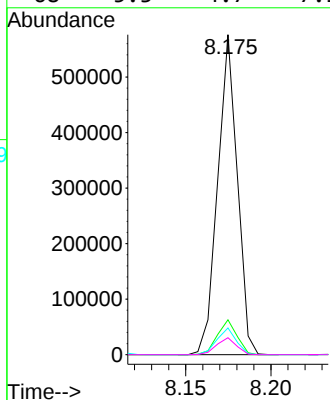
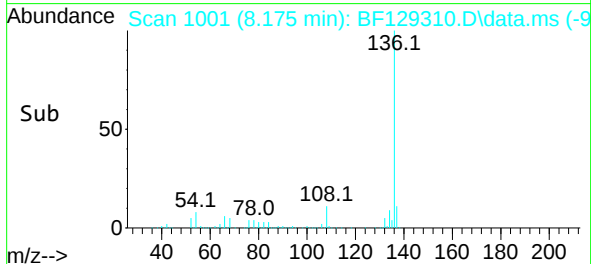
Instrument :
BNA_F
ClientSampleId :
MDL-WATER-03-QT2-2022



Tgt Ion:136 Resp: 46152
Ion Ratio Lower Upper
136 100
137 10.9 8.8 13.2
54 8.4 7.5 11.3
68 5.3 4.7 7.1

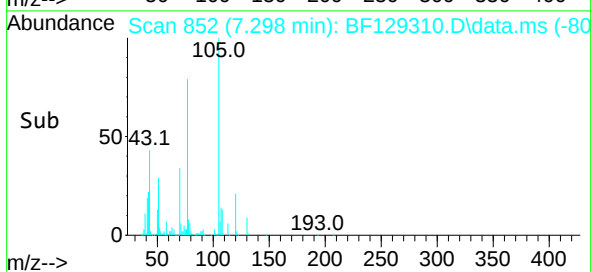
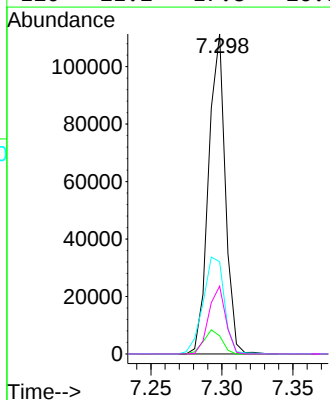
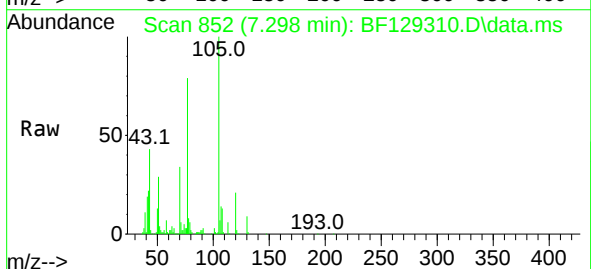
Manual Integrations
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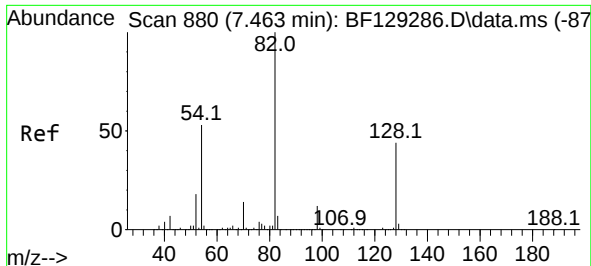
Reviewed By :Christian Giraldo 07/25/2022
Supervised By :Jagrut Upadhyay 07/25/2022



#22
Acetophenone
Concen: 8.450 ng
RT: 7.298 min Scan# 852
Delta R.T. -0.012 min
Lab File: BF129310.D
Acq: 22 Jul 2022 12:03

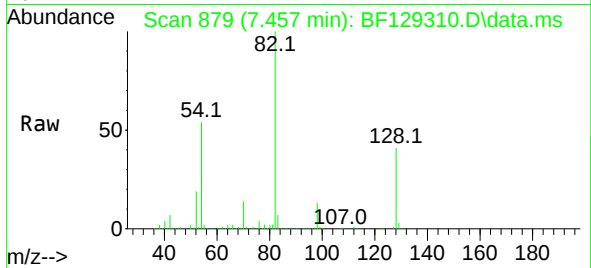
Tgt Ion:105 Resp: 91568
Ion Ratio Lower Upper
105 100
71 5.7 5.0 7.4
51 28.8 25.0 37.4
120 21.2 17.8 26.8





#23
Nitrobenzene-d5
Concen: 90.962 ng
RT: 7.457 min Scan# 81
Delta R.T. -0.006 min
Lab File: BF129310.D
Acq: 22 Jul 2022 12:03

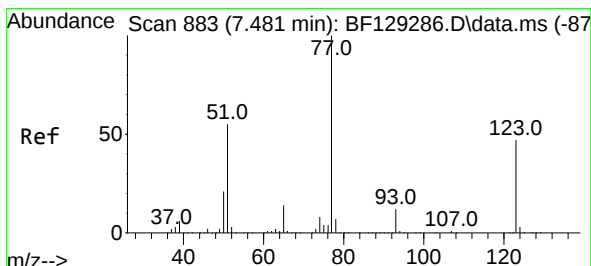
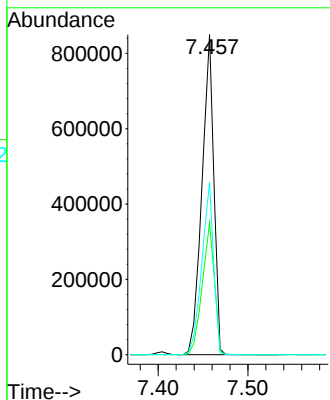
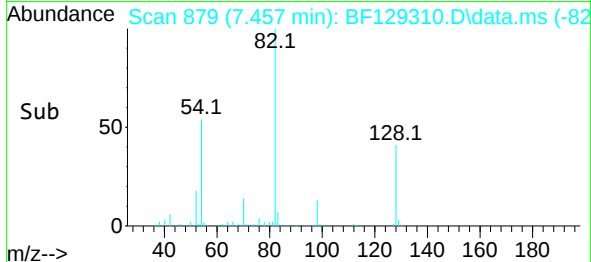
Instrument :
BNA_F
ClientSampleId :
MDL-WATER-03-QT2-2022



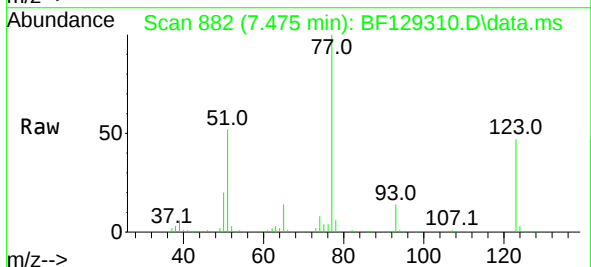
Tgt Ion: 82 Resp: 780319
Ion Ratio Lower Upper
82 100
128 41.2 34.0 51.0
54 53.9 46.9 70.3

Manual Integrations
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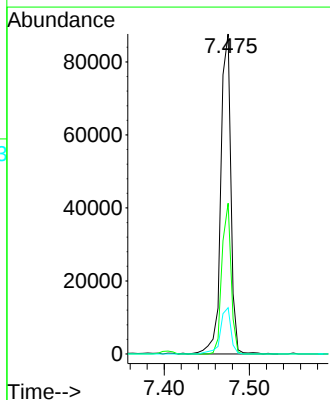
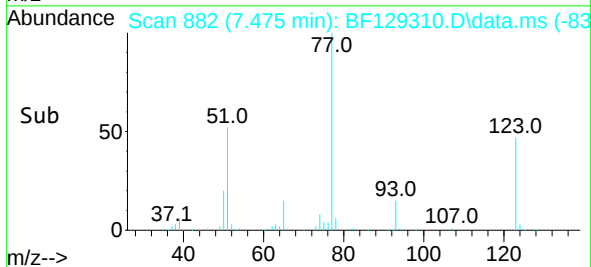
Reviewed By :Christian Giraldo 07/25/2022
Supervised By :Jagrut Upadhyay 07/25/2022



#24
Nitrobenzene
Concen: 8.148 ng
RT: 7.475 min Scan# 882
Delta R.T. -0.006 min
Lab File: BF129310.D
Acq: 22 Jul 2022 12:03



Tgt Ion: 77 Resp: 71989
Ion Ratio Lower Upper
77 100
123 47.1 35.4 53.2
65 14.5 11.8 17.8





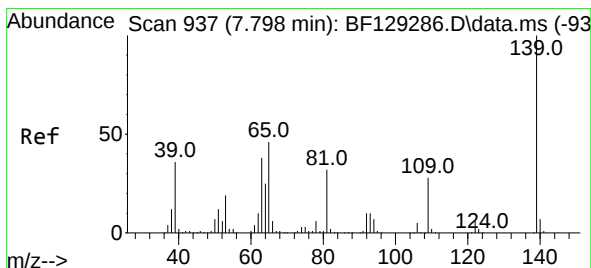
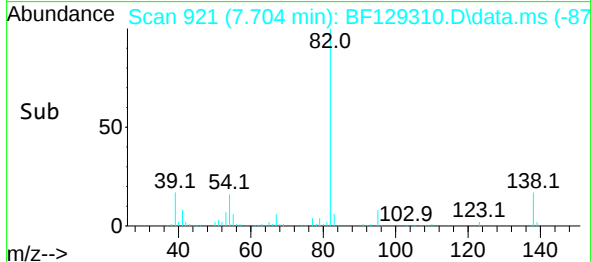
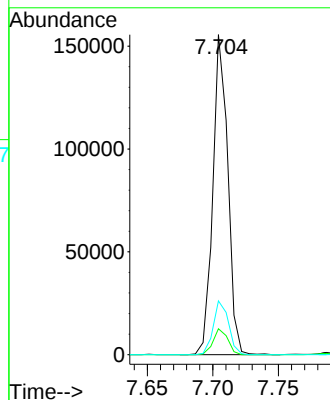
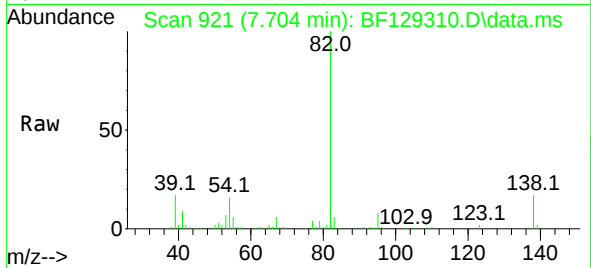
#25
Isophorone
Concen: 8.197 ng
RT: 7.704 min Scan# 91
Delta R.T. -0.012 min
Lab File: BF129310.D
Acq: 22 Jul 2022 12:03

Instrument :
BNA_F
ClientSampleId :
MDL-WATER-03-QT2-2022

Tgt Ion: 82 Resp: 12345
Ion Ratio Lower Upper
82 100
95 8.1 5.7 8.5
138 16.8 14.2 21.2

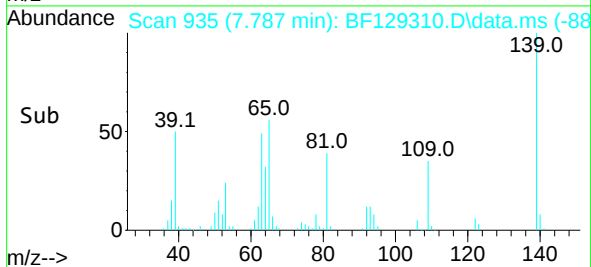
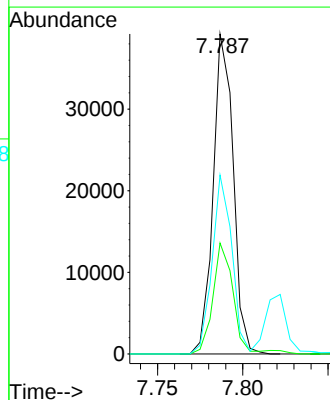
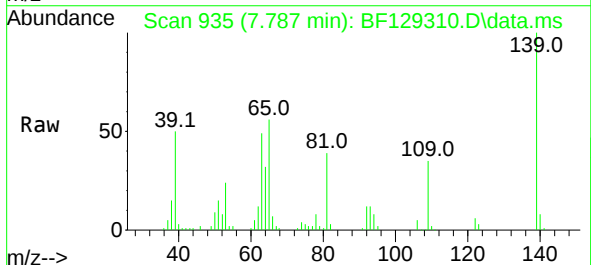
Manual Integrations
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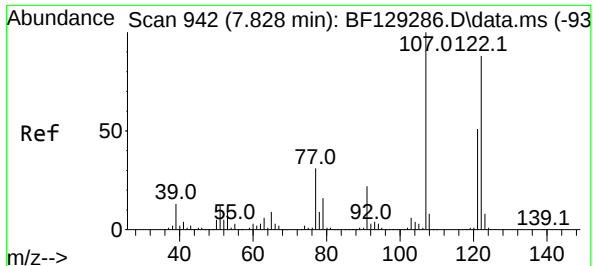
Reviewed By :Christian Giraldo 07/25/2022
Supervised By :Jagrut Upadhyay 07/25/2022



#26
2-Nitrophenol
Concen: 7.523 ng
RT: 7.787 min Scan# 935
Delta R.T. -0.012 min
Lab File: BF129310.D
Acq: 22 Jul 2022 12:03

Tgt Ion:139 Resp: 32072
Ion Ratio Lower Upper
139 100
109 34.6 25.0 37.4
65 55.9 45.1 67.7





#27

2,4-Dimethylphenol

Concen: 8.463 ng m

RT: 7.822 min Scan# 94

Delta R.T. -0.006 min

Lab File: BF129310.D

Acq: 22 Jul 2022 12:03

Instrument :

BNA_F

ClientSampleId :

MDL-WATER-03-QT2-2022

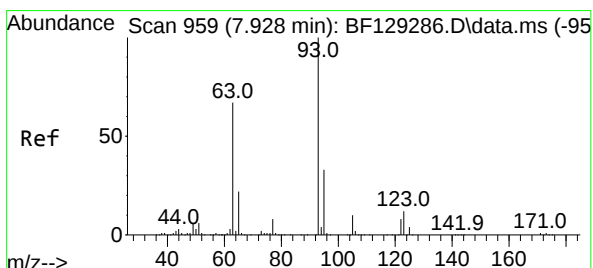
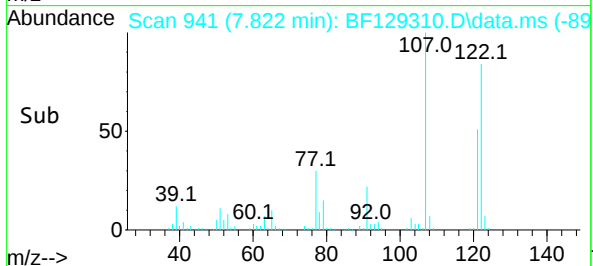
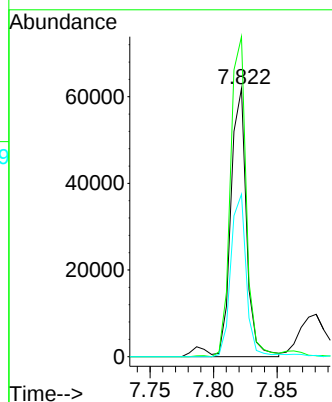
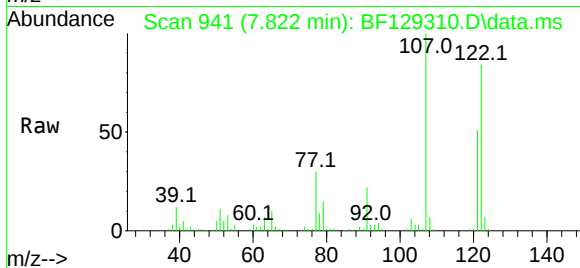
Tgt Ion:122 Resp: 54270

Ion	Ratio	Lower	Upper
122	100		
107	119.3	93.0	139.6
121	60.6	46.6	70.0

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 07/25/2022
Supervised By :Jagrut Upadhyay 07/25/2022



#28

bis(2-Chloroethoxy)methane

Concen: 8.453 ng

RT: 7.916 min Scan# 957

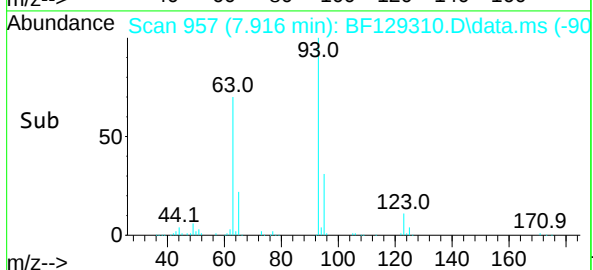
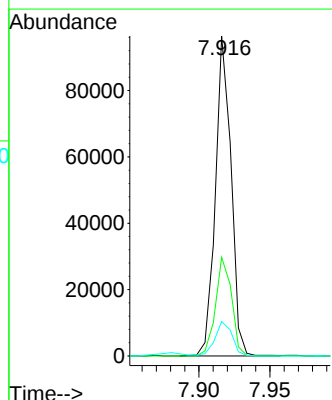
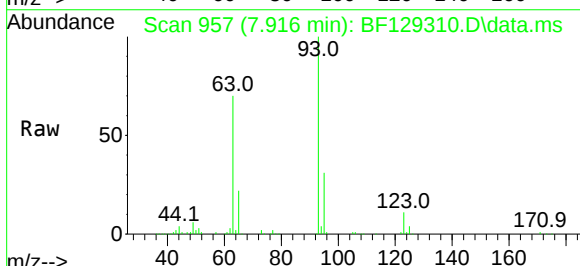
Delta R.T. -0.012 min

Lab File: BF129310.D

Acq: 22 Jul 2022 12:03

Tgt Ion: 93 Resp: 73749

Ion	Ratio	Lower	Upper
93	100		
95	30.9	26.8	40.2
123	10.8	9.2	13.8





#29

2,4-Dichlorophenol

Concen: 7.542 ng

RT: 8.028 min Scan# 91

Delta R.T. -0.006 min

Lab File: BF129310.D

Acq: 22 Jul 2022 12:03

Instrument :

BNA_F

ClientSampleId :

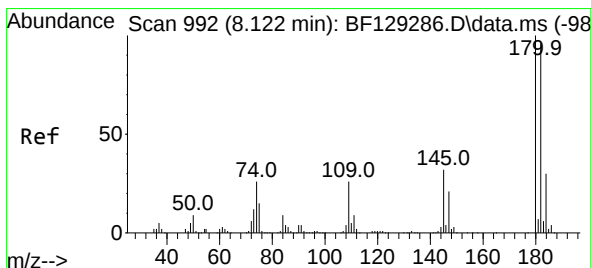
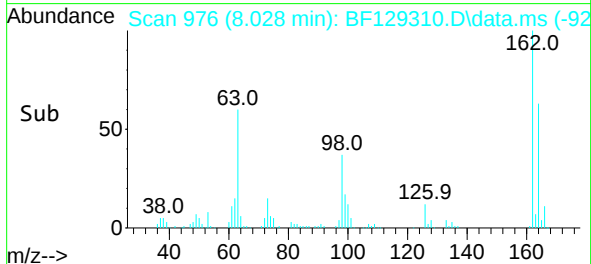
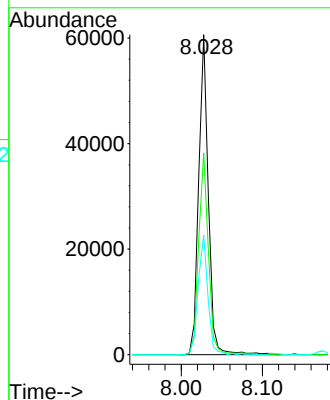
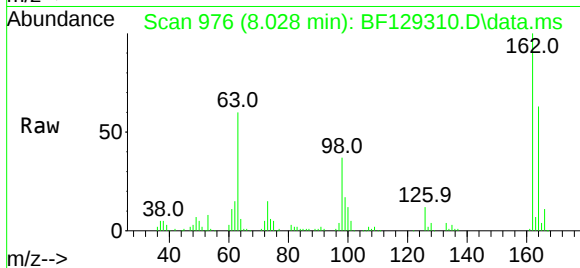
MDL-WATER-03-QT2-2022

Tgt Ion:162 Resp: 50314
 Ion Ratio Lower Upper
 162 100
 164 63.1 44.2 84.2
 98 37.4 19.6 59.6

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 07/25/2022
 Supervised By :Jagrut Upadhyay 07/25/2022



#30

1,2,4-Trichlorobenzene

Concen: 7.850 ng

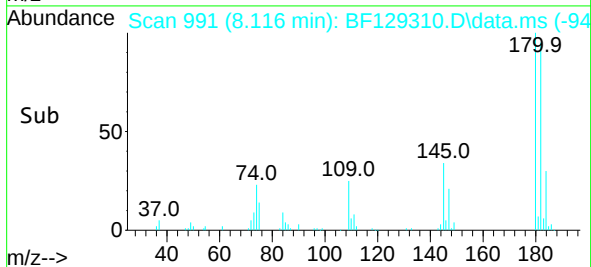
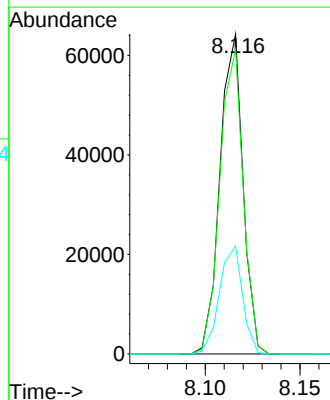
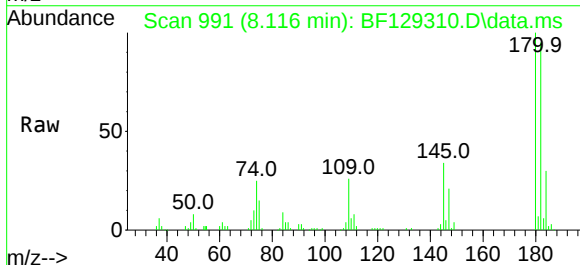
RT: 8.116 min Scan# 991

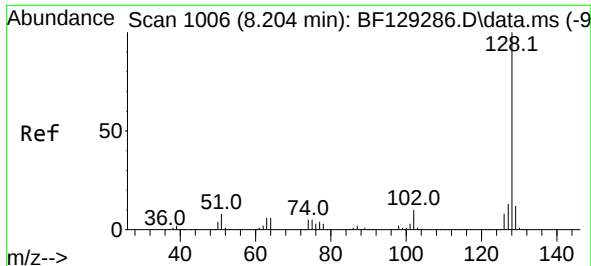
Delta R.T. -0.006 min

Lab File: BF129310.D

Acq: 22 Jul 2022 12:03

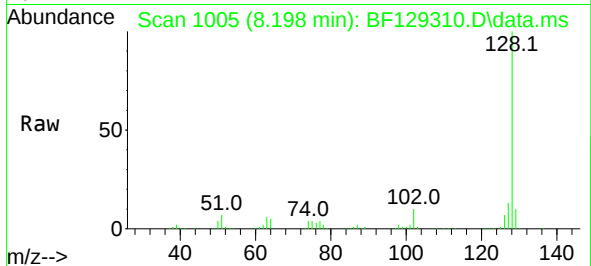
Tgt Ion:180 Resp: 54423
 Ion Ratio Lower Upper
 180 100
 182 95.2 79.2 118.8
 145 33.6 26.2 39.2





#31
Naphthalene
Concen: 7.920 ng
RT: 8.198 min Scan# 1006
Delta R.T. -0.006 min
Lab File: BF129310.D
Acq: 22 Jul 2022 12:03

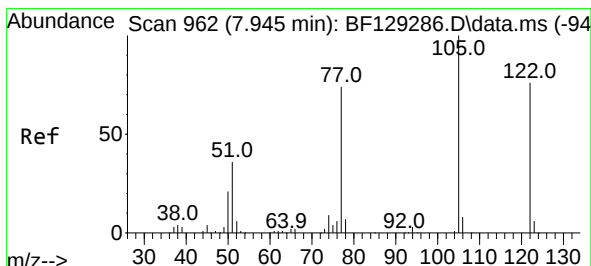
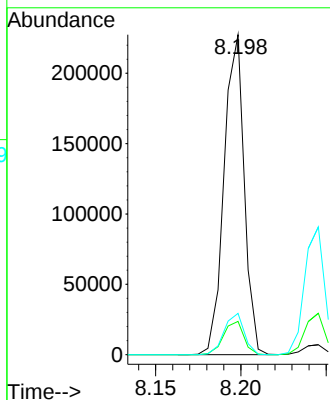
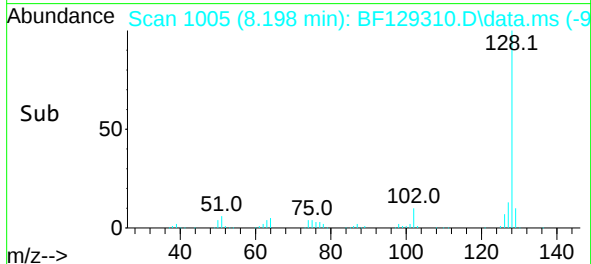
Instrument : BNA_F
ClientSampleId : MDL-WATER-03-QT2-2022



Tgt Ion:128 Resp: 187480
Ion Ratio Lower Upper
128 100
129 10.4 9.2 13.8
127 12.9 10.5 15.7

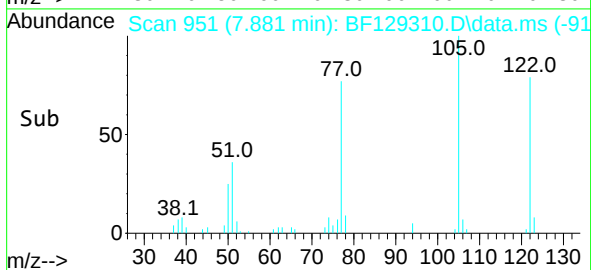
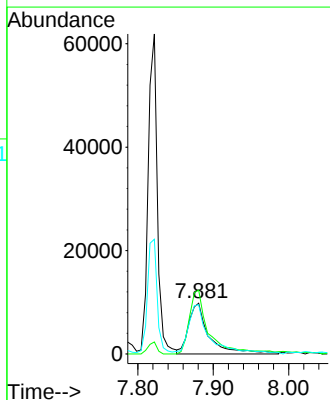
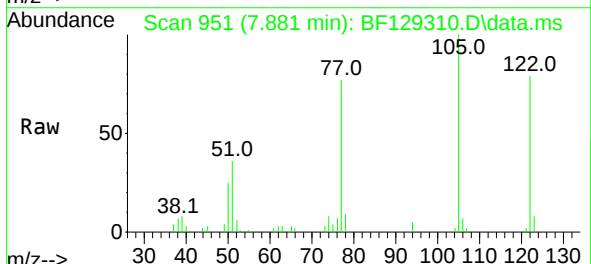
Manual Integrations
APPROVED

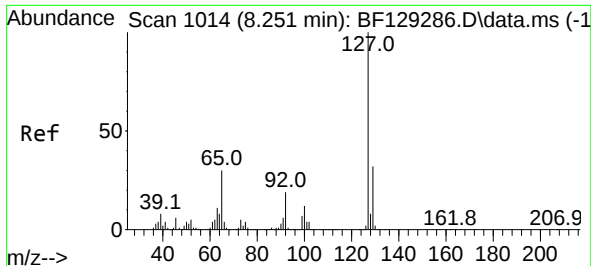
Reviewed By :Christian Giraldo 07/25/2022
Supervised By :Jagrut Upadhyay 07/25/2022



#32
Benzoic acid
Concen: 3.980 ng m
RT: 7.881 min Scan# 951
Delta R.T. -0.065 min
Lab File: BF129310.D
Acq: 22 Jul 2022 12:03

Tgt Ion:122 Resp: 18659
Ion Ratio Lower Upper
122 100
105 126.0 107.1 147.1
77 97.1 74.2 114.2





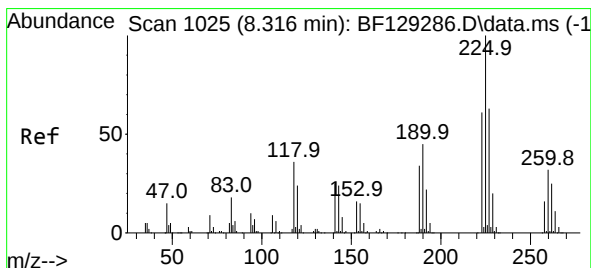
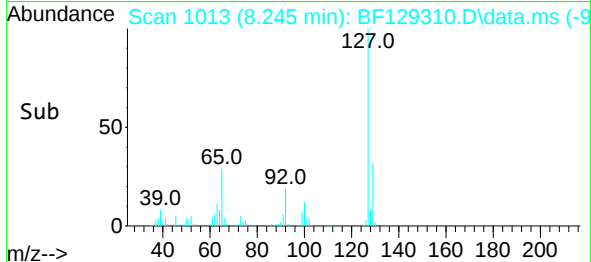
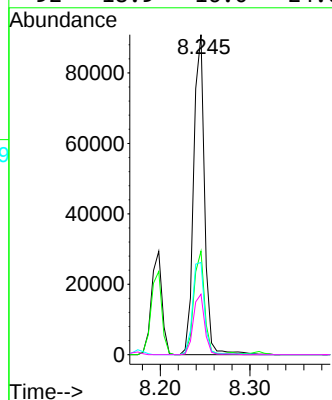
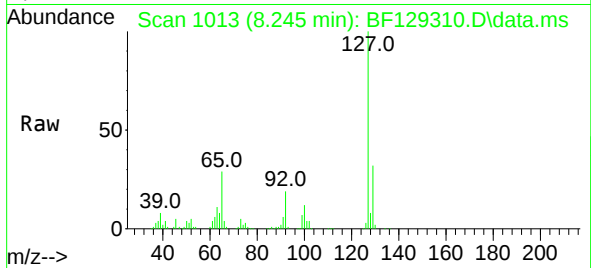
#33
4-Chloroaniline
Concen: 7.987 ng
RT: 8.245 min Scan# 1013
Delta R.T. -0.006 min
Lab File: BF129310.D
Acq: 22 Jul 2022 12:03

Instrument : BNA_F
ClientSampleId : MDL-WATER-03-QT2-2022

Tgt Ion:127	Resp: 77110
Ion Ratio	Lower Upper
127 100	
129 32.4	26.4 39.6
65 28.8	26.4 39.6
92 18.9	16.0 24.0

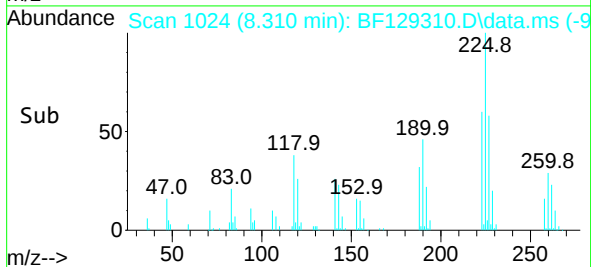
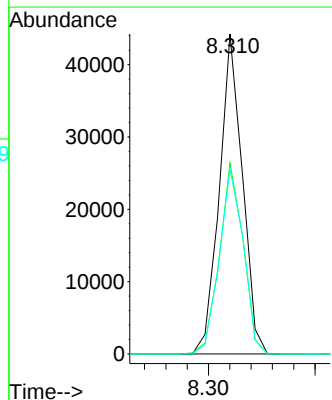
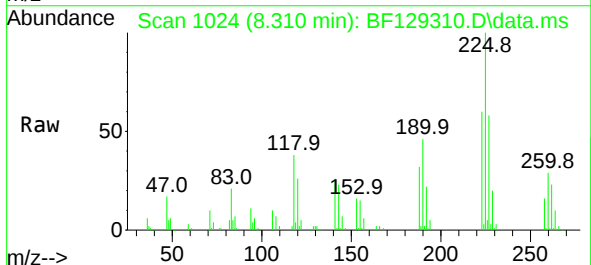
Manual Integrations
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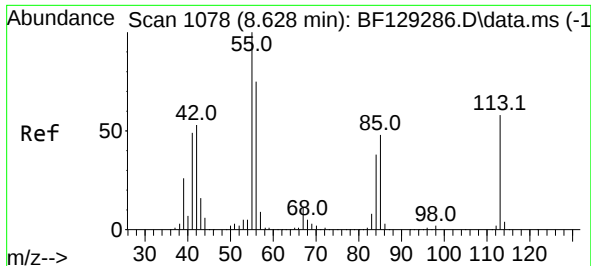
Reviewed By :Christian Giraldo 07/25/2022
Supervised By :Jagrut Upadhyay 07/25/2022



#34
Hexachlorobutadiene
Concen: 8.354 ng
RT: 8.310 min Scan# 1024
Delta R.T. -0.006 min
Lab File: BF129310.D
Acq: 22 Jul 2022 12:03

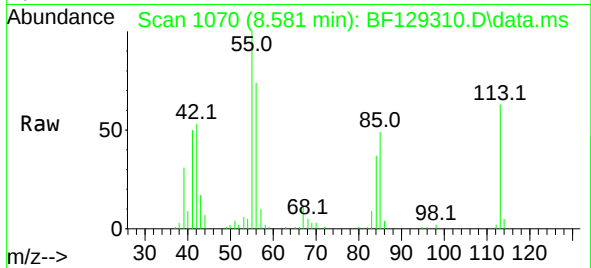
Tgt Ion:225	Resp: 33107
Ion Ratio	Lower Upper
225 100	
223 59.6	51.0 76.6
227 57.9	51.1 76.7





#35
Caprolactam
Concen: 7.603 ng
RT: 8.581 min Scan# 1078
Delta R.T. -0.047 min
Lab File: BF129310.D
Acq: 22 Jul 2022 12:03

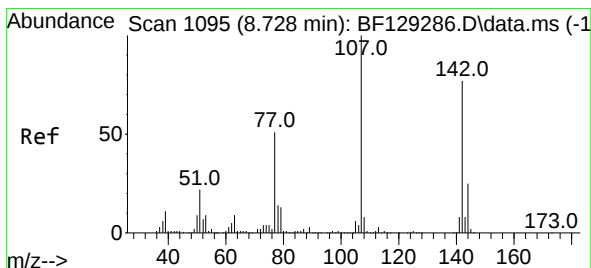
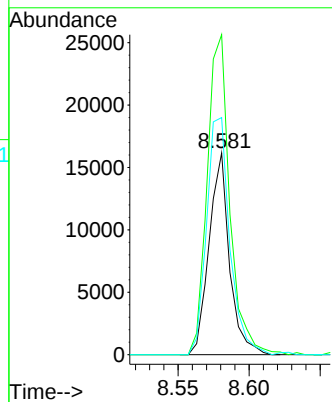
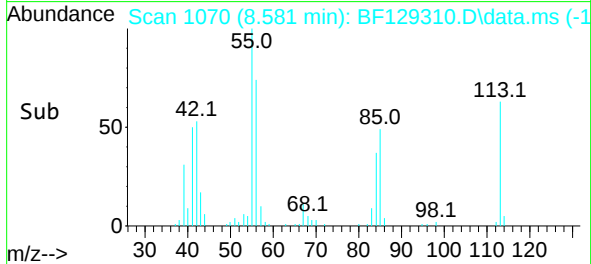
Instrument : BNA_F
ClientSampleId : MDL-WATER-03-QT2-2022



Tgt Ion:113 Resp: 1617
Ion Ratio Lower Upper
113 100
55 158.7 188.5 228.5
56 117.6 130.6 170.6

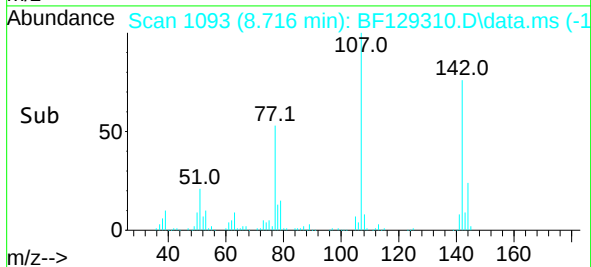
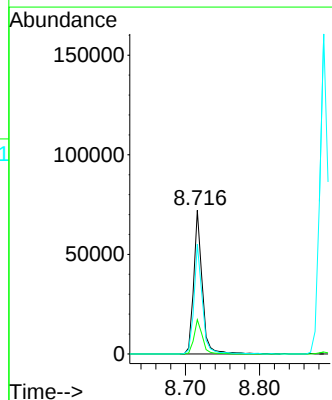
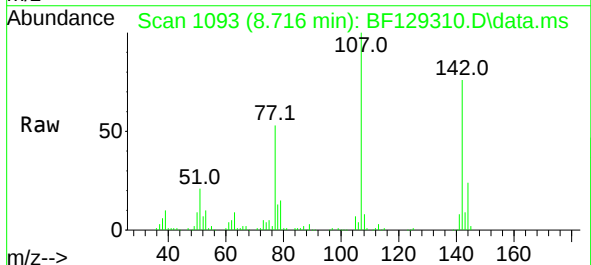
Manual Integrations
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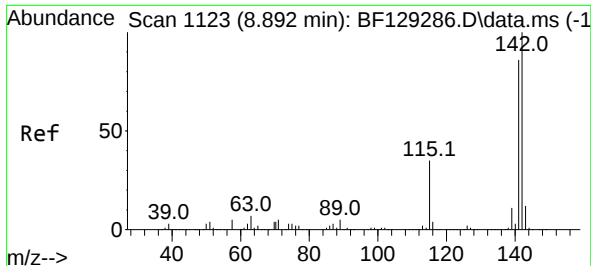
Reviewed By :Christian Giraldo 07/25/2022
Supervised By :Jagrut Upadhyay 07/25/2022



#36
4-Chloro-3-methylphenol
Concen: 8.191 ng
RT: 8.716 min Scan# 1093
Delta R.T. -0.012 min
Lab File: BF129310.D
Acq: 22 Jul 2022 12:03

Tgt Ion:107 Resp: 58051
Ion Ratio Lower Upper
107 100
144 23.8 19.5 29.3
142 76.4 58.2 87.4





#37

2-Methylnaphthalene

Concen: 8.004 ng

RT: 8.887 min Scan# 1122

Delta R.T. -0.006 min

Lab File: BF129310.D

Acq: 22 Jul 2022 12:03

Instrument :

BNA_F

ClientSampleId :

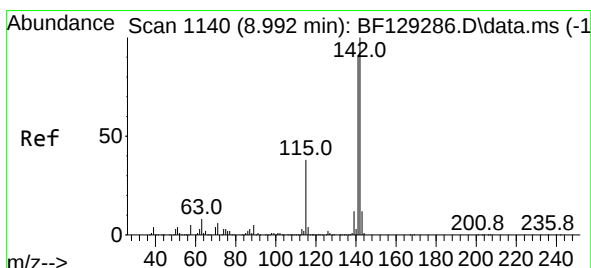
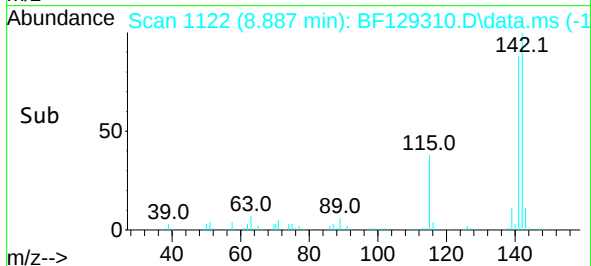
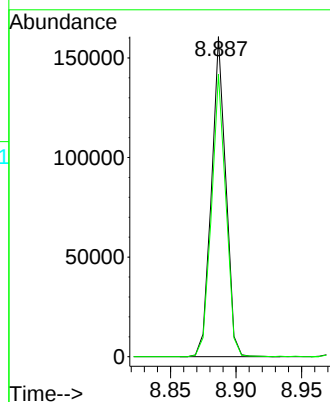
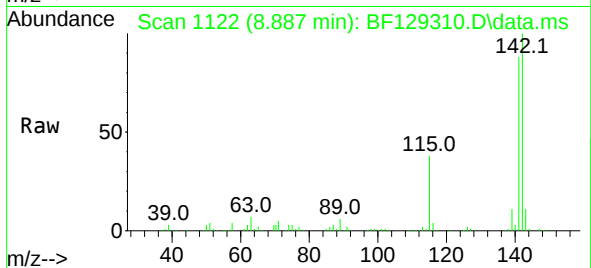
MDL-WATER-03-QT2-2022

Tgt Ion:142 Resp: 122775
 Ion Ratio Lower Upper
 142 100
 141 88.3 71.0 106.4

Manual Integrations

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Reviewed By :Christian Giraldo 07/25/2022
 Supervised By :Jagrut Upadhyay 07/25/2022



#38

1-Methylnaphthalene

Concen: 7.962 ng

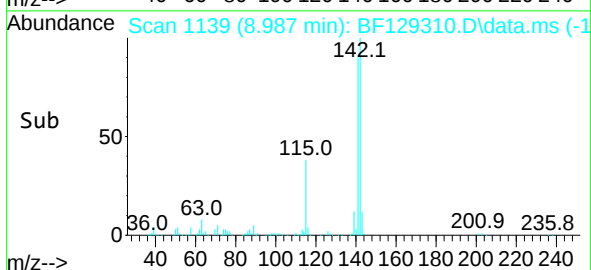
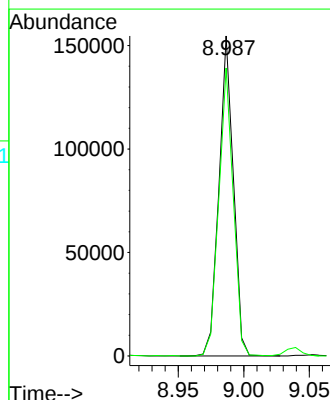
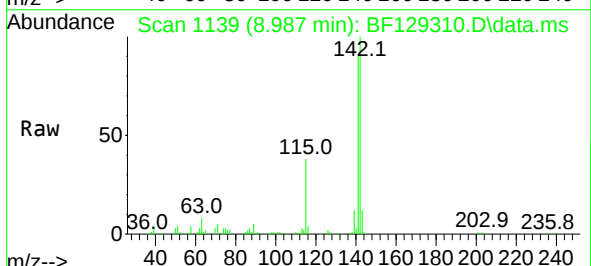
RT: 8.987 min Scan# 1139

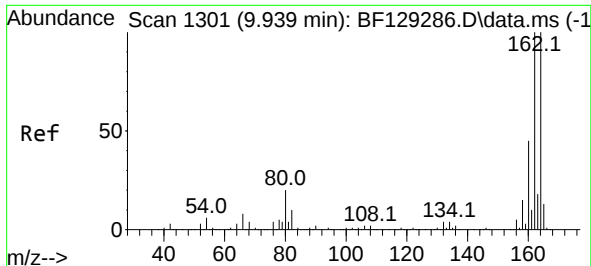
Delta R.T. -0.006 min

Lab File: BF129310.D

Acq: 22 Jul 2022 12:03

Tgt Ion:142 Resp: 118160
 Ion Ratio Lower Upper
 142 100
 141 90.0 74.2 111.4





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.934 min Scan# 11

Delta R.T. -0.006 min

Lab File: BF129310.D

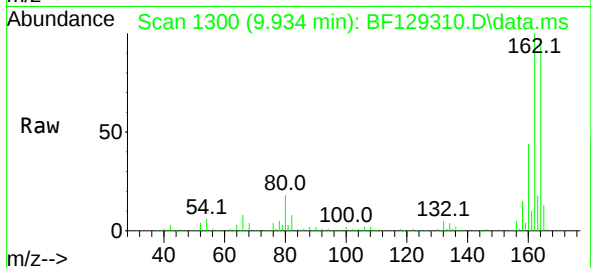
Acq: 22 Jul 2022 12:03

Instrument :

BNA_F

ClientSampleId :

MDL-WATER-03-QT2-2022



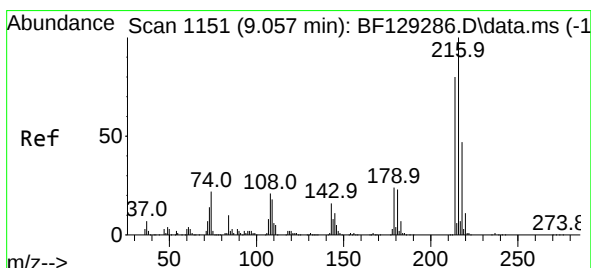
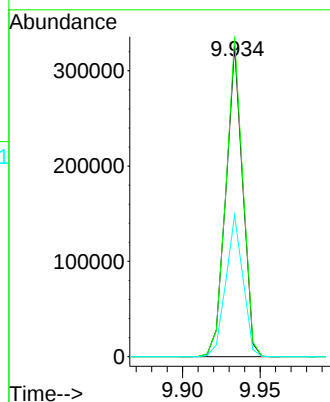
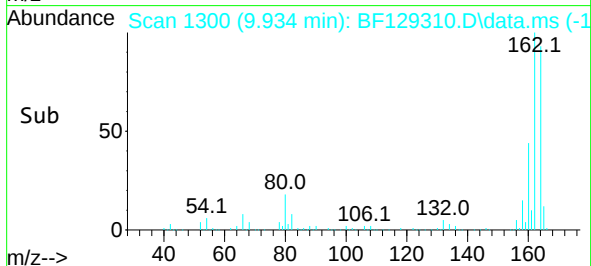
Tgt Ion:	164	Resp:	24787
Ion Ratio	Lower	Upper	
164	100		
162	102.8	79.5	119.3
160	45.6	34.2	51.4

Manual Integrations

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Reviewed By :Christian Giraldo 07/25/2022

Supervised By :Jagrut Upadhyay 07/25/2022



#40

1,2,4,5-Tetrachlorobenzene

Concen: 8.337 ng

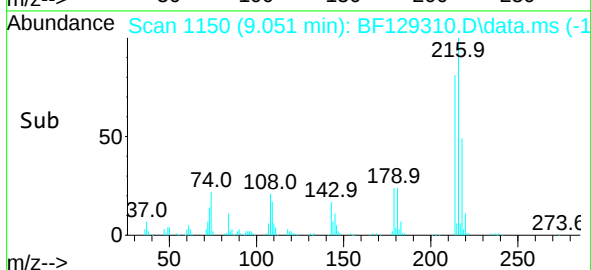
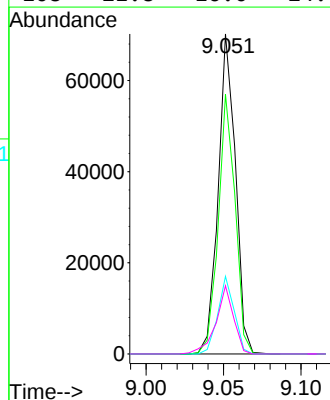
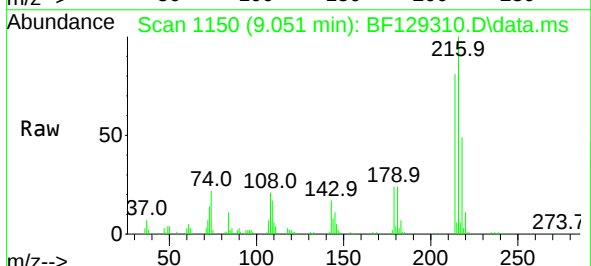
RT: 9.051 min Scan# 1150

Delta R.T. -0.006 min

Lab File: BF129310.D

Acq: 22 Jul 2022 12:03

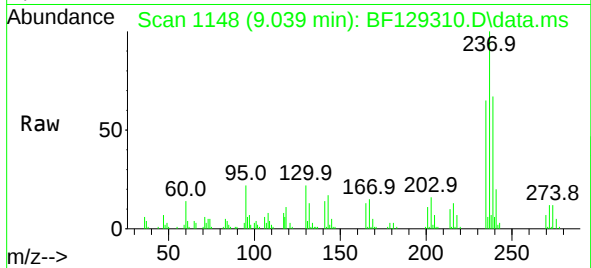
Tgt Ion:	216	Resp:	54256
Ion Ratio	Lower	Upper	
216	100		
214	79.2	63.6	95.4
179	23.1	17.0	25.6
108	21.8	16.0	24.0





#41
Hexachlorocyclopentadiene
Concen: 8.104 ng
RT: 9.039 min Scan# 1149
Delta R.T. -0.006 min
Lab File: BF129310.D
Acq: 22 Jul 2022 12:03

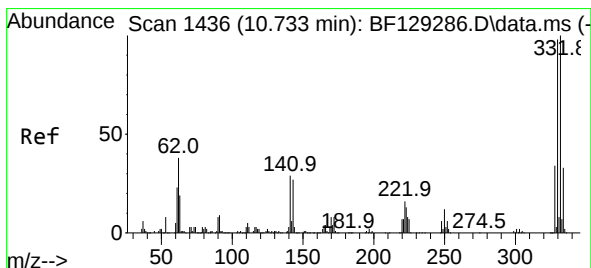
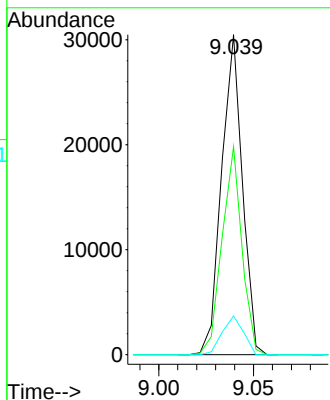
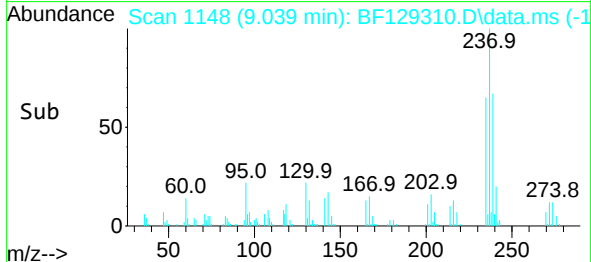
Instrument :
BNA_F
ClientSampleId :
MDL-WATER-03-QT2-2022



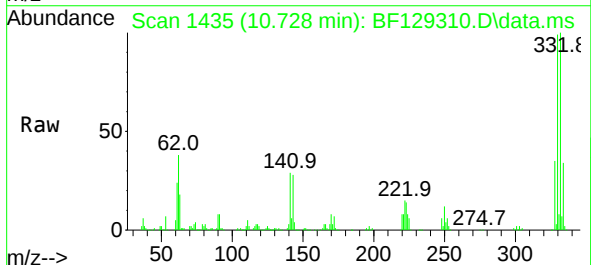
Tgt Ion:237 Resp: 23245
Ion Ratio Lower Upper
237 100
235 65.0 43.2 83.2
272 12.1 0.0 31.9

Manual Integrations
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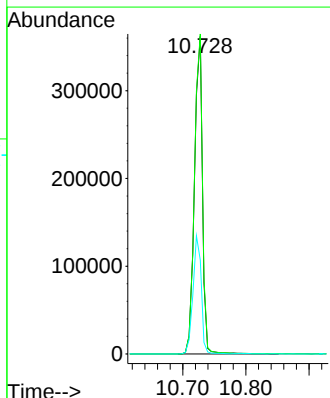
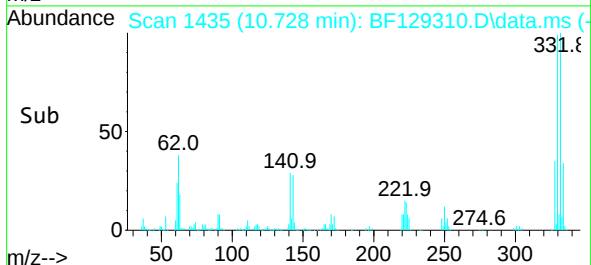
Reviewed By :Christian Giraldo 07/25/2022
Supervised By :Jagrut Upadhyay 07/25/2022

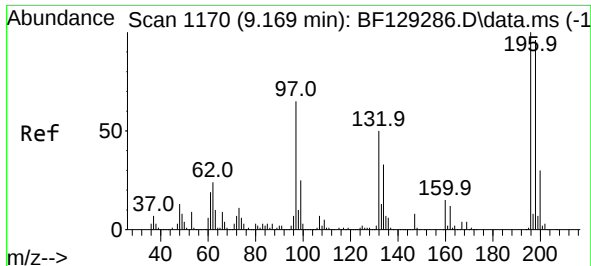


#42
2,4,6-Tribromophenol
Concen: 132.340 ng
RT: 10.728 min Scan# 1435
Delta R.T. -0.006 min
Lab File: BF129310.D
Acq: 22 Jul 2022 12:03



Tgt Ion:330 Resp: 316492
Ion Ratio Lower Upper
330 100
332 101.5 76.8 115.2
141 38.5 28.0 42.0





#43

2,4,6-Trichlorophenol

Concen: 7.226 ng

RT: 9.163 min Scan# 1169

Delta R.T. -0.006 min

Lab File: BF129310.D

Acq: 22 Jul 2022 12:03

Instrument :

BNA_F

ClientSampleId :

MDL-WATER-03-QT2-2022

Tgt Ion:196 Resp: 3436

Ion Ratio Lower Upper

196 100

198 91.3 74.0 111.0

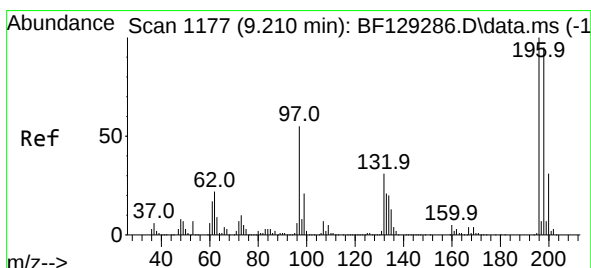
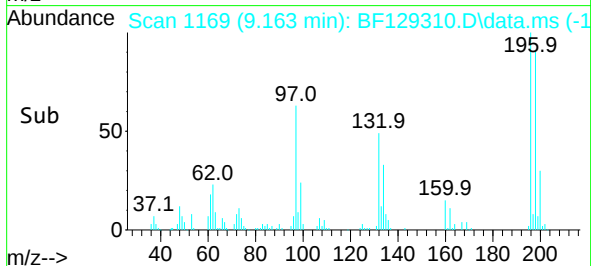
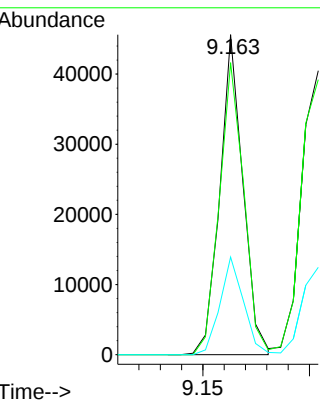
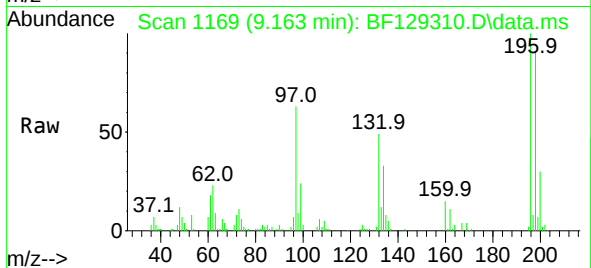
200 30.5 24.1 36.1

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 07/25/2022

Supervised By :Jagrut Upadhyay 07/25/2022



#44

2,4,5-Trichlorophenol

Concen: 7.198 ng

RT: 9.204 min Scan# 1176

Delta R.T. -0.006 min

Lab File: BF129310.D

Acq: 22 Jul 2022 12:03

Tgt Ion:196 Resp: 37135

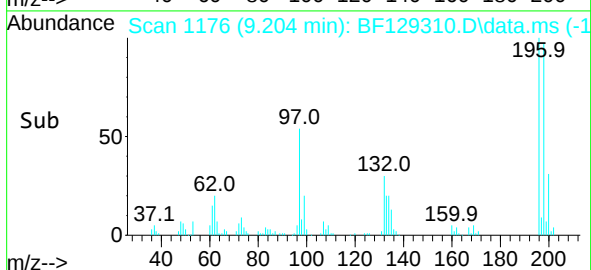
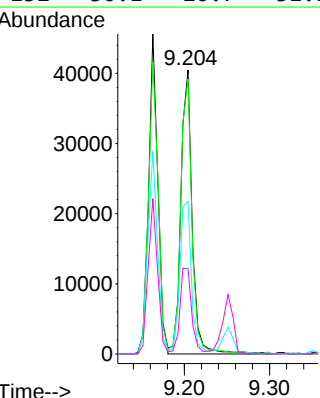
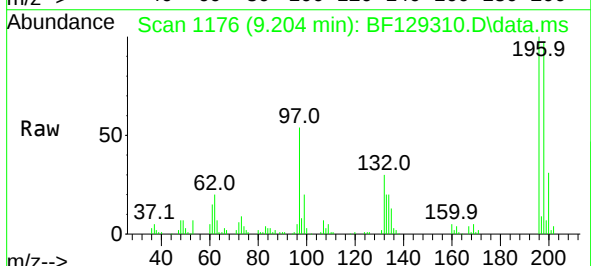
Ion Ratio Lower Upper

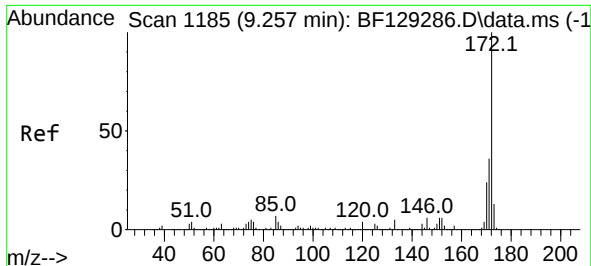
196 100

198 96.8 75.7 113.5

97 53.7 36.4 54.6

132 30.1 20.7 31.1





#45

2-Fluorobiphenyl

Concen: 85.434 ng

RT: 9.251 min Scan# 1184

Delta R.T. -0.006 min

Lab File: BF129310.D

Acq: 22 Jul 2022 12:03

Instrument :

BNA_F

ClientSampleId :

MDL-WATER-03-QT2-2022

Tgt Ion:172 Resp: 1376610

Ion Ratio Lower Upper

172 100

171 35.1 28.8 43.2

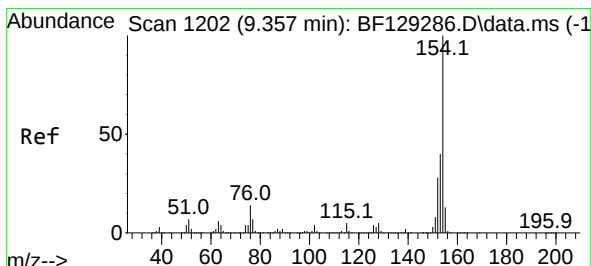
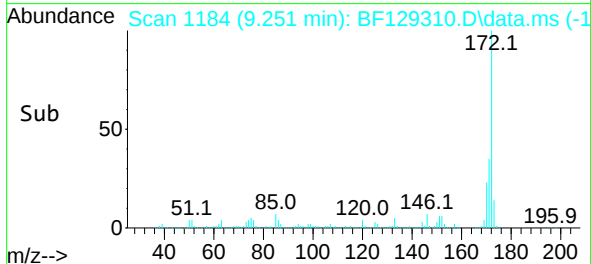
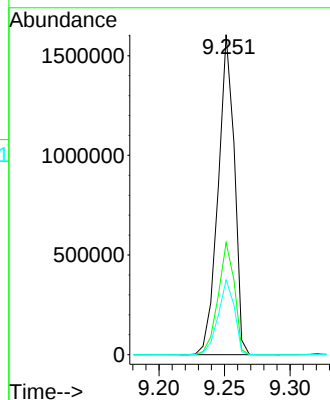
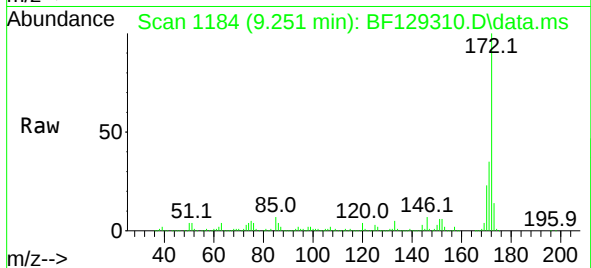
170 23.3 19.8 29.8

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 07/25/2022

Supervised By :Jagrut Upadhyay 07/25/2022



#46

1,1'-Biphenyl

Concen: 8.324 ng

RT: 9.351 min Scan# 1201

Delta R.T. -0.006 min

Lab File: BF129310.D

Acq: 22 Jul 2022 12:03

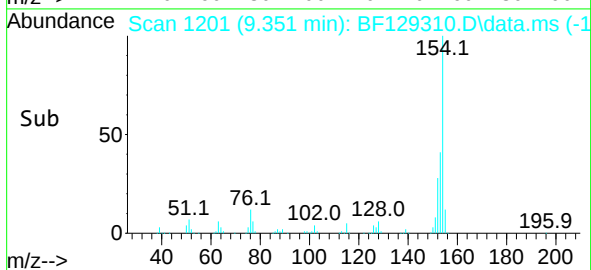
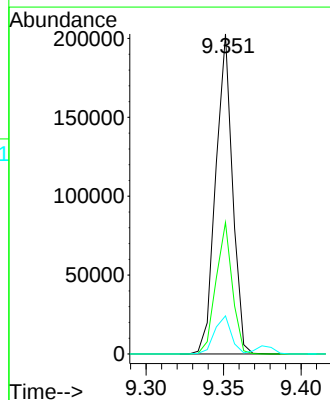
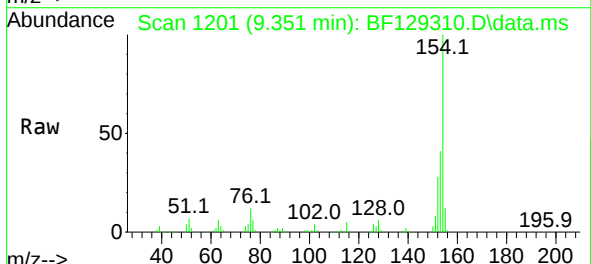
Tgt Ion:154 Resp: 152457

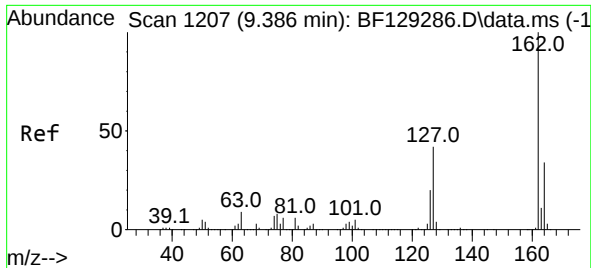
Ion Ratio Lower Upper

154 100

153 41.1 20.6 60.6

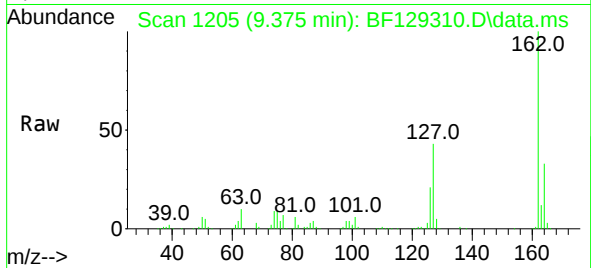
76 11.9 0.0 33.3





#47
2-Chloronaphthalene
Concen: 7.943 ng
RT: 9.375 min Scan# 11
Delta R.T. -0.012 min
Lab File: BF129310.D
Acq: 22 Jul 2022 12:03

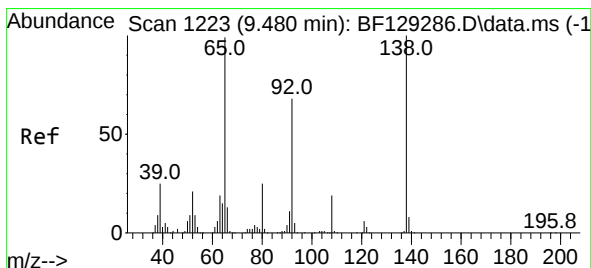
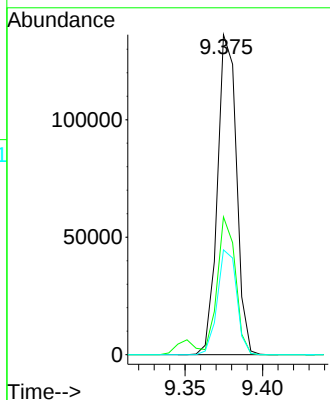
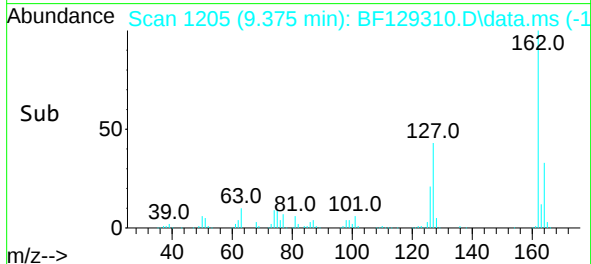
Instrument :
BNA_F
ClientSampleId :
MDL-WATER-03-QT2-2022



Tgt Ion:162 Resp: 116540
Ion Ratio Lower Upper
162 100
127 43.0 34.5 51.7
164 32.8 26.5 39.7

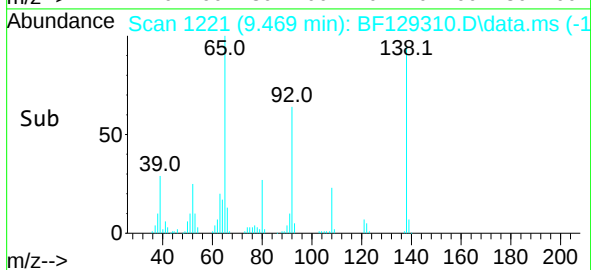
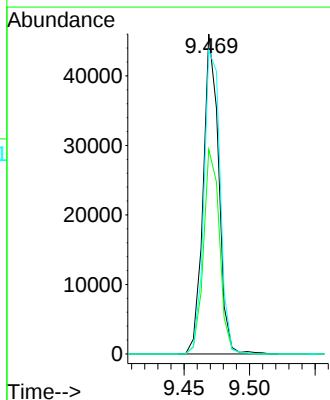
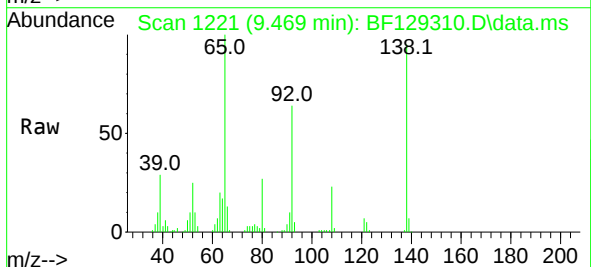
Manual Integrations
APPROVED

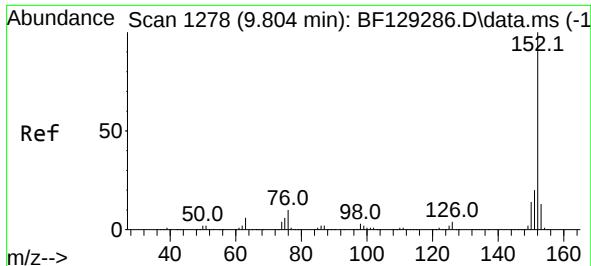
Reviewed By :Christian Giraldo 07/25/2022
Supervised By :Jagrut Upadhyay 07/25/2022



#48
2-Nitroaniline
Concen: 7.698 ng
RT: 9.469 min Scan# 1221
Delta R.T. -0.012 min
Lab File: BF129310.D
Acq: 22 Jul 2022 12:03

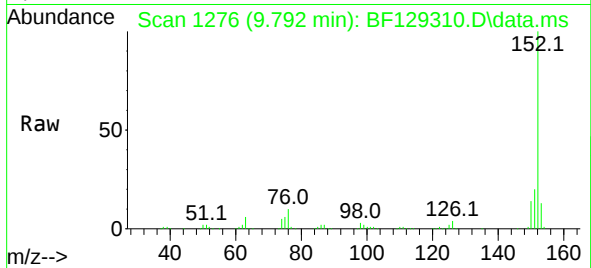
Tgt Ion: 65 Resp: 37933
Ion Ratio Lower Upper
65 100
92 63.9 51.9 77.9
138 94.9 76.4 114.6





#49
Acenaphthylene
Concen: 8.405 ng
RT: 9.792 min Scan# 1276
Delta R.T. -0.012 min
Lab File: BF129310.D
Acq: 22 Jul 2022 12:03

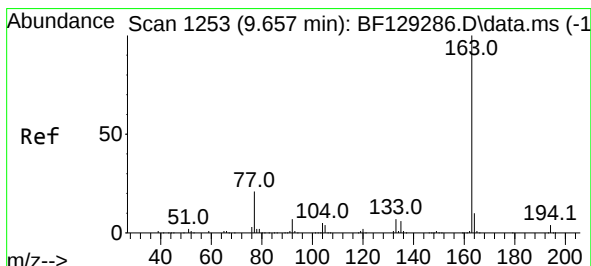
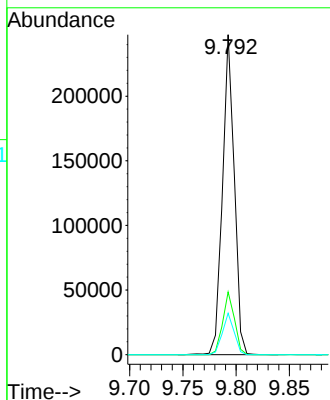
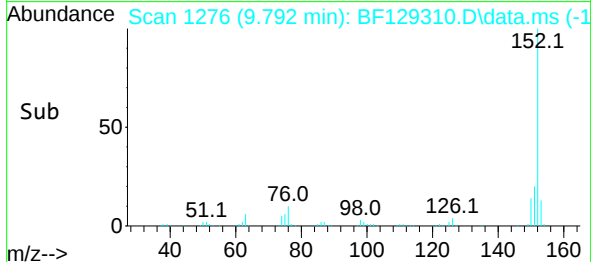
Instrument : BNA_F
ClientSampleId :
MDL-WATER-03-QT2-2022



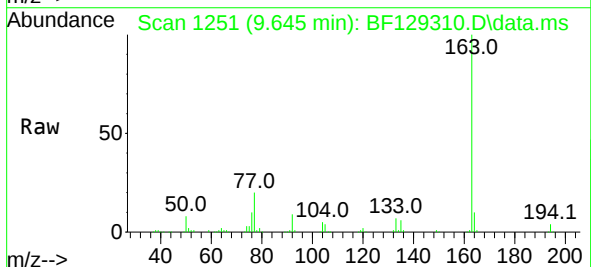
Tgt Ion:152 Resp: 18938
Ion Ratio Lower Upper
152 100
151 19.6 16.2 24.4
153 12.9 10.7 16.1

Manual Integrations
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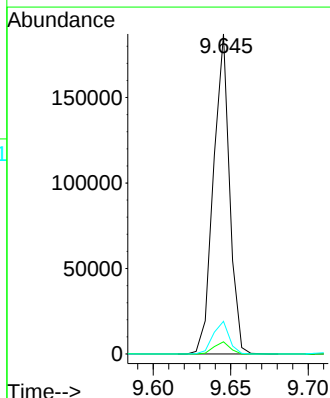
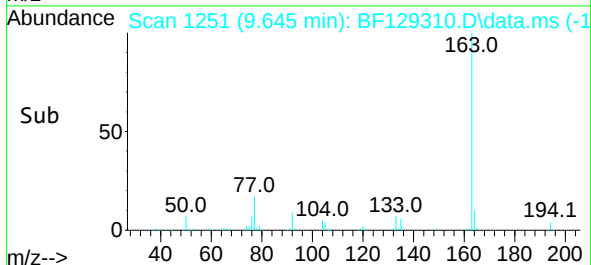
Reviewed By :Christian Giraldo 07/25/2022
Supervised By :Jagrut Upadhyay 07/25/2022

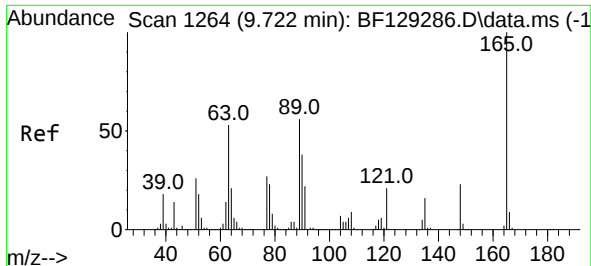


#50
Dimethylphthalate
Concen: 7.943 ng
RT: 9.645 min Scan# 1251
Delta R.T. -0.012 min
Lab File: BF129310.D
Acq: 22 Jul 2022 12:03



Tgt Ion:163 Resp: 135274
Ion Ratio Lower Upper
163 100
194 3.8 3.2 4.8
164 10.2 8.2 12.2





#51

2,6-Dinitrotoluene

Concen: 7.863 ng

RT: 9.710 min Scan# 1305

Delta R.T. -0.012 min

Lab File: BF129310.D

Acq: 22 Jul 2022 12:03

Instrument :

BNA_F

ClientSampleId :

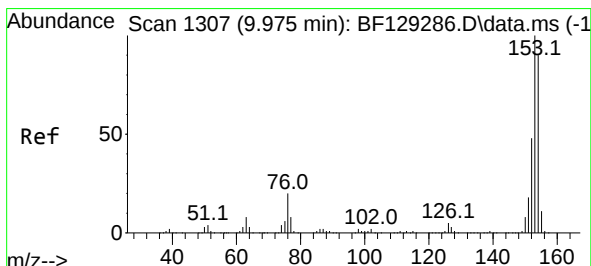
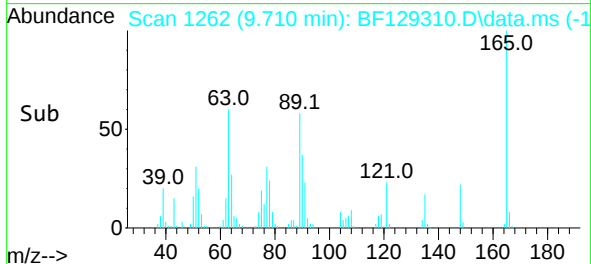
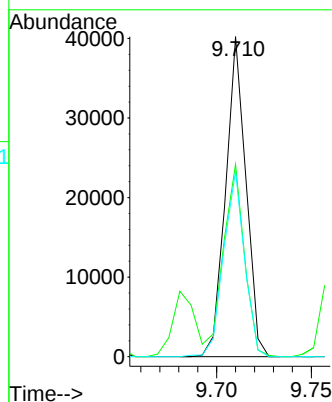
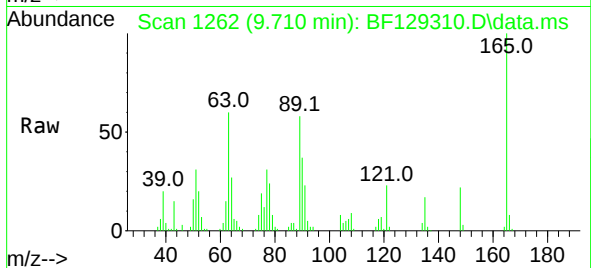
MDL-WATER-03-QT2-2022

Tgt Ion:165	Resp:	29984
Ion Ratio	Lower	Upper
165	100	
63	60.1	44.9 67.3
89	58.0	43.6 65.4

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 07/25/2022
Supervised By :Jagrut Upadhyay 07/25/2022



#52

Acenaphthene

Concen: 7.702 ng

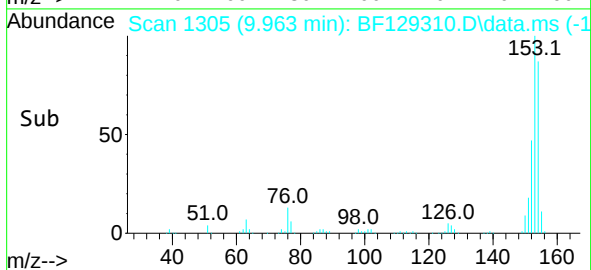
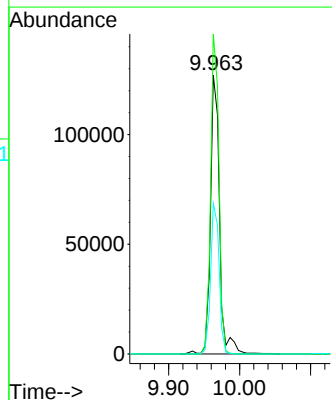
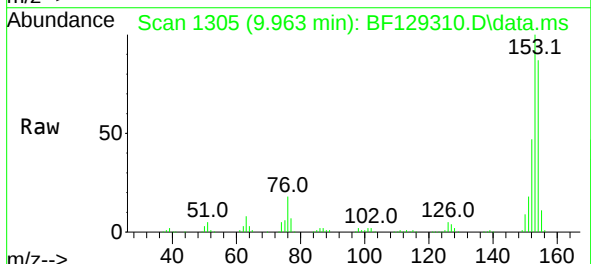
RT: 9.963 min Scan# 1305

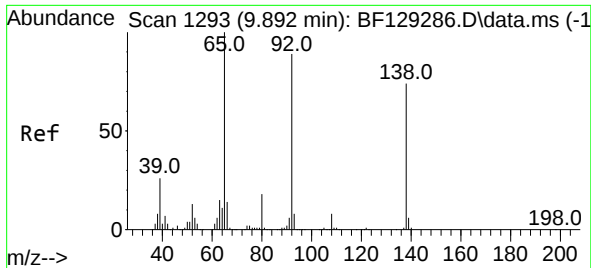
Delta R.T. -0.012 min

Lab File: BF129310.D

Acq: 22 Jul 2022 12:03

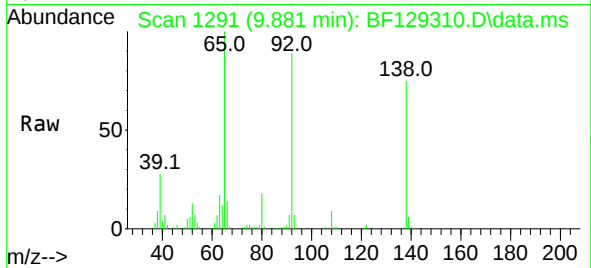
Tgt Ion:154	Resp:	112614
Ion Ratio	Lower	Upper
154	100	
153	114.9	89.6 134.4
152	54.0	42.4 63.6





#53
3-Nitroaniline
Concen: 7.253 ng
RT: 9.881 min Scan# 110
Delta R.T. -0.012 min
Lab File: BF129310.D
Acq: 22 Jul 2022 12:03

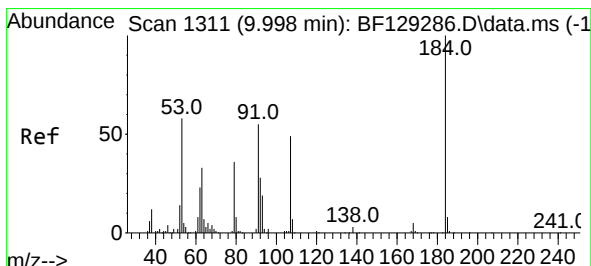
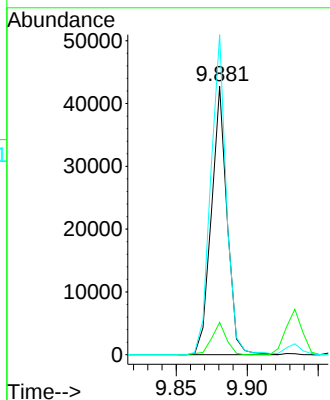
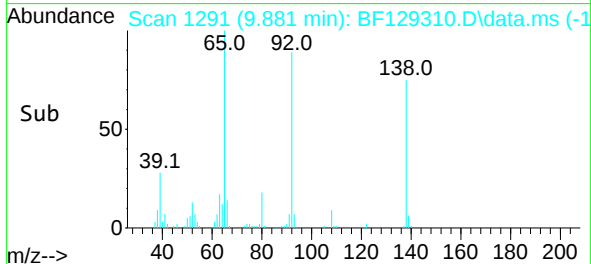
Instrument : BNA_F
ClientSampleId : MDL-WATER-03-QT2-2022



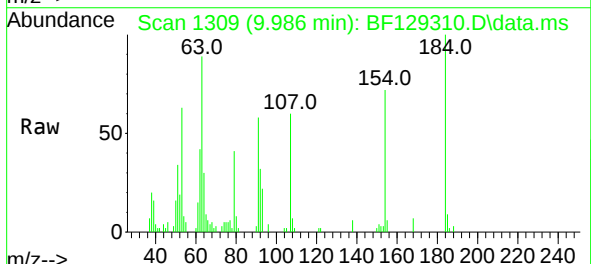
Tgt Ion:138 Resp: 3290
Ion Ratio Lower Upper
138 100
108 12.1 10.9 16.3
92 119.2 98.2 147.2

Manual Integrations
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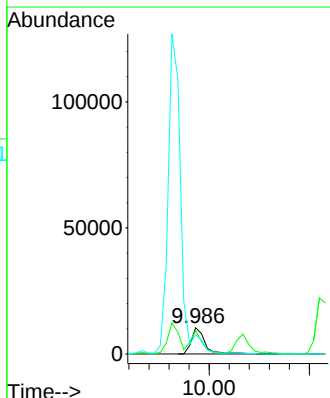
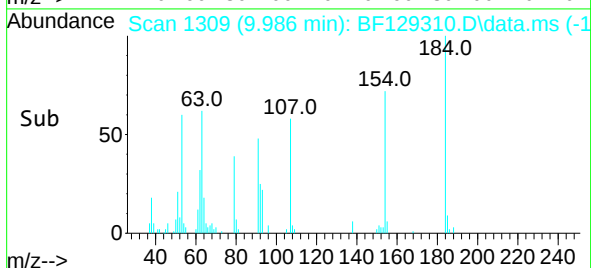
Reviewed By :Christian Giraldo 07/25/2022
Supervised By :Jagrut Upadhyay 07/25/2022

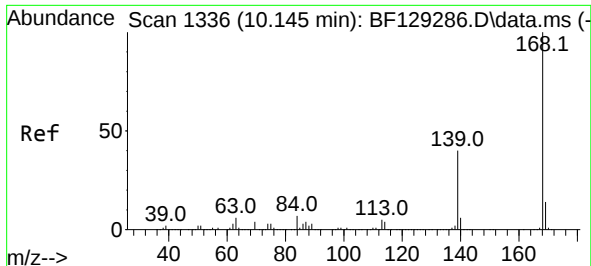


#54
2,4-Dinitrophenol
Concen: 5.040 ng
RT: 9.986 min Scan# 1309
Delta R.T. -0.012 min
Lab File: BF129310.D
Acq: 22 Jul 2022 12:03



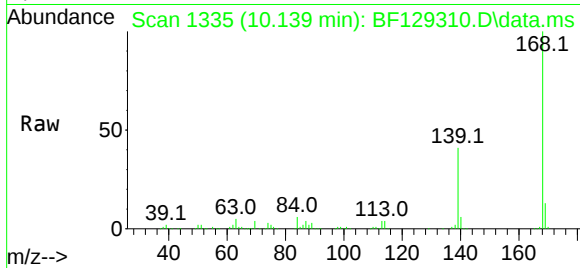
Tgt Ion:184 Resp: 9725
Ion Ratio Lower Upper
184 100
63 89.2 64.5 96.7
154 71.9 50.6 75.8





#55
Dibenzenofuran
Concen: 8.199 ng
RT: 10.139 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF129310.D
Acq: 22 Jul 2022 12:03

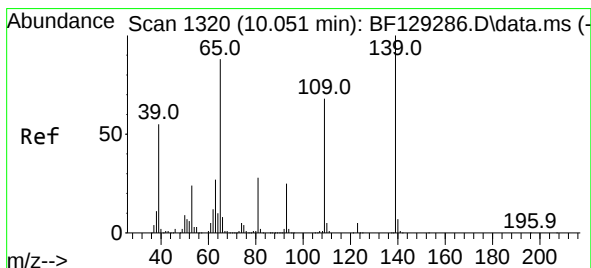
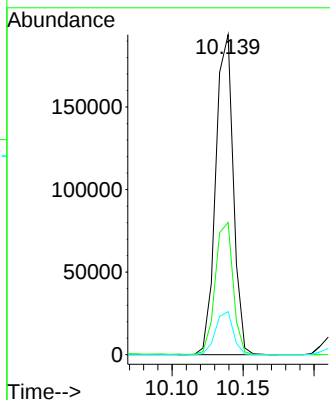
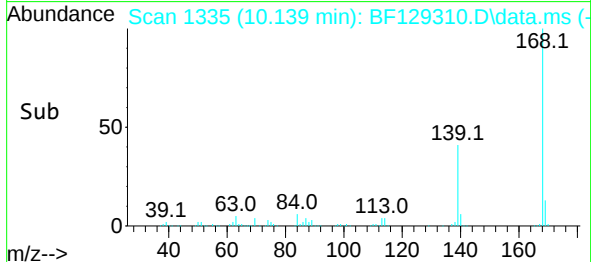
Instrument :
BNA_F
ClientSampleId :
MDL-WATER-03-QT2-2022



Tgt Ion:168 Resp: 166594
Ion Ratio Lower Upper
168 100
139 41.3 30.6 46.0
169 13.5 11.0 16.6

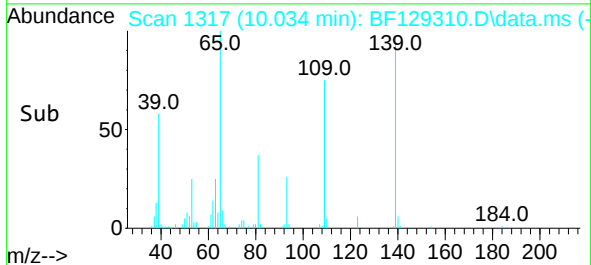
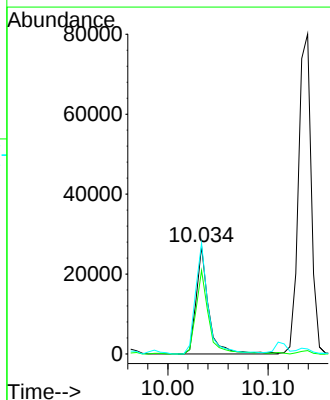
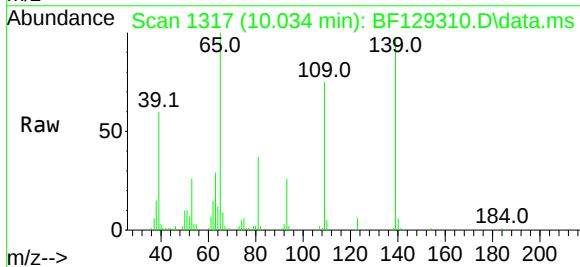
Manual Integrations
APPROVED

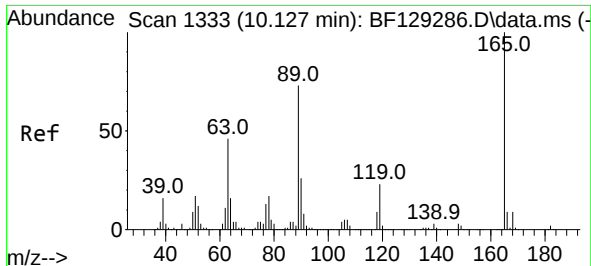
Reviewed By :Christian Giraldo 07/25/2022
Supervised By :Jagrut Upadhyay 07/25/2022



#56
4-Nitrophenol
Concen: 6.966 ng
RT: 10.034 min Scan# 1317
Delta R.T. -0.017 min
Lab File: BF129310.D
Acq: 22 Jul 2022 12:03

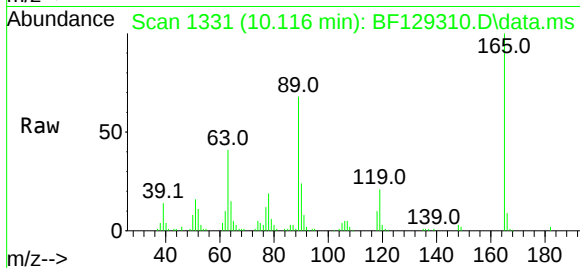
Tgt Ion:139 Resp: 23082
Ion Ratio Lower Upper
139 100
109 77.7 50.7 90.7
65 103.2 74.5 114.5





#57
2,4-Dinitrotoluene
Concen: 7.790 ng
RT: 10.116 min Scan# 1331
Delta R.T. -0.012 min
Lab File: BF129310.D
Acq: 22 Jul 2022 12:03

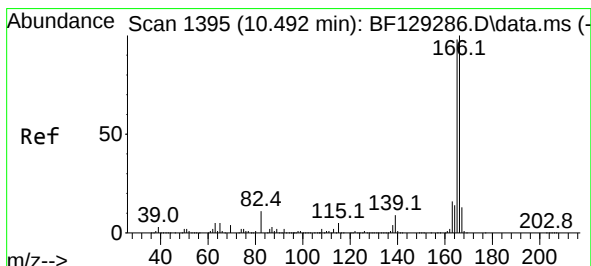
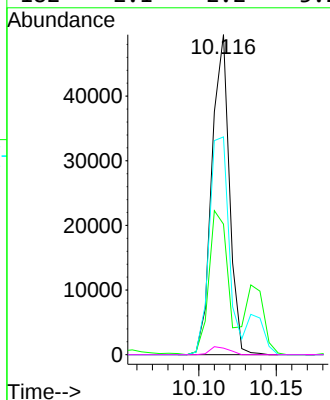
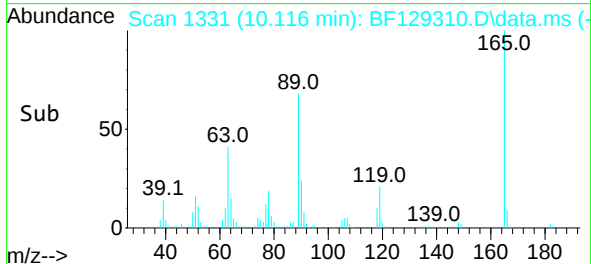
Instrument :
BNA_F
ClientSampleId :
MDL-WATER-03-QT2-2022



Tgt Ion:165 Resp: 3894
Ion Ratio Lower Upper
165 100
63 40.8 39.8 59.6
89 68.0 60.2 90.2
182 2.1 2.2 3.2#

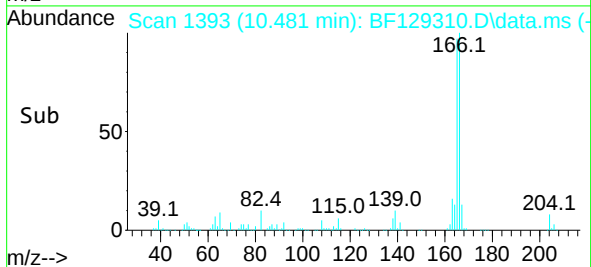
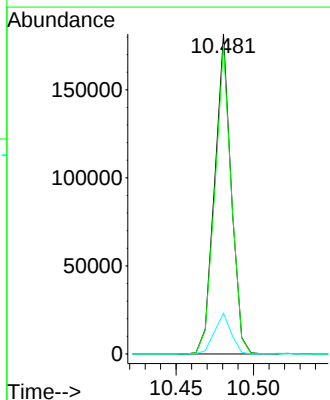
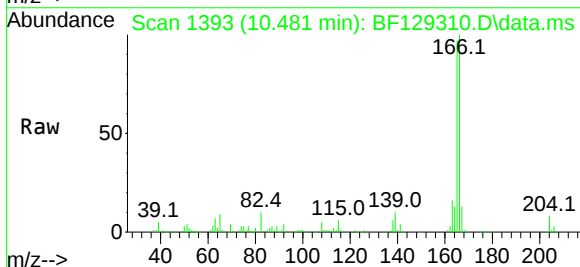
Manual Integrations
APPROVED

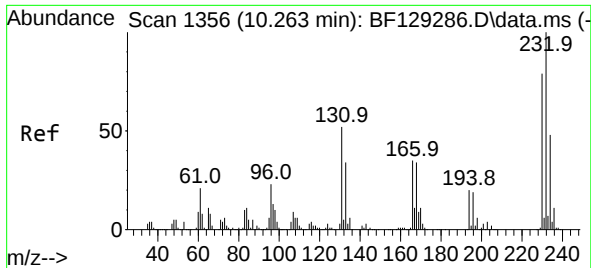
Reviewed By :Christian Giraldo 07/25/2022
Supervised By :Jagrut Upadhyay 07/25/2022



#58
Fluorene
Concen: 8.292 ng
RT: 10.481 min Scan# 1393
Delta R.T. -0.012 min
Lab File: BF129310.D
Acq: 22 Jul 2022 12:03

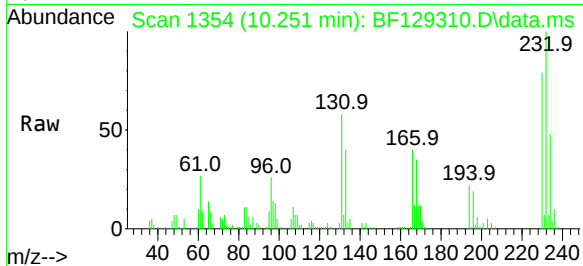
Tgt Ion:166 Resp: 134470
Ion Ratio Lower Upper
166 100
165 96.7 78.1 117.1
167 12.8 10.5 15.7





#59
2,3,4,6-Tetrachlorophenol
Concen: 7.097 ng m
RT: 10.251 min Scan# 11
Delta R.T. -0.012 min
Lab File: BF129310.D
Acq: 22 Jul 2022 12:03

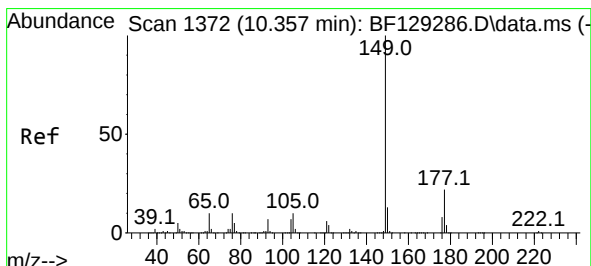
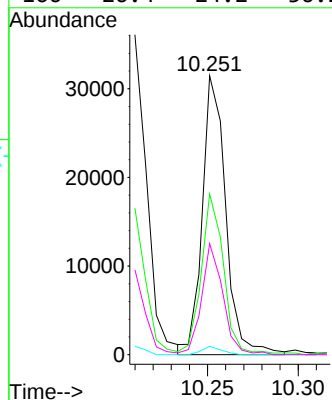
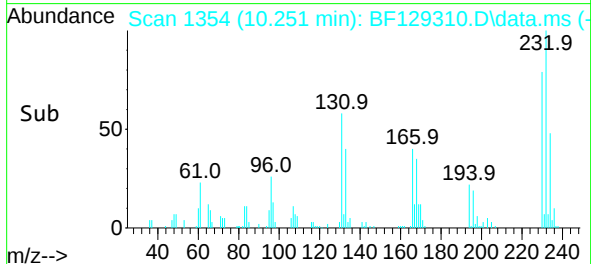
Instrument :
BNA_F
ClientSampleId :
MDL-WATER-03-QT2-2022



Tgt Ion:232 Resp: 2822
Ion Ratio Lower Upper
232 100
131 47.6 36.1 54.1
130 2.5 1.8 2.8
166 26.4 24.2 36.2

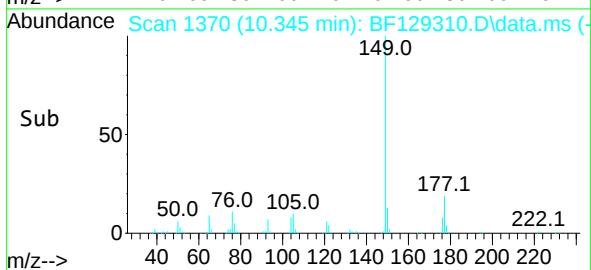
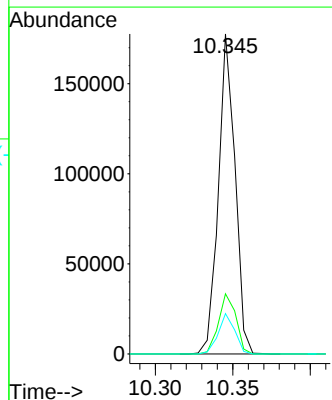
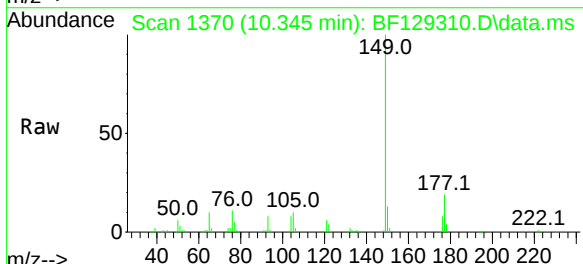
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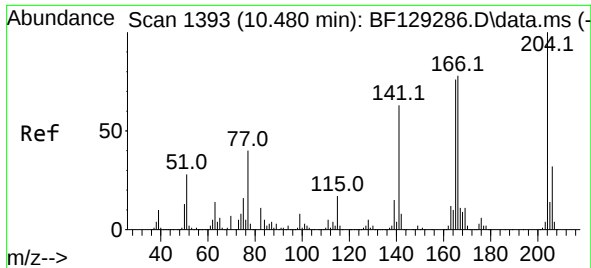
Reviewed By :Christian Giraldo 07/25/2022
Supervised By :Jagrut Upadhyay 07/25/2022



#60
Diethylphthalate
Concen: 8.089 ng
RT: 10.345 min Scan# 1370
Delta R.T. -0.012 min
Lab File: BF129310.D
Acq: 22 Jul 2022 12:03

Tgt Ion:149 Resp: 132530
Ion Ratio Lower Upper
149 100
177 18.8 17.3 25.9
150 12.6 10.2 15.2





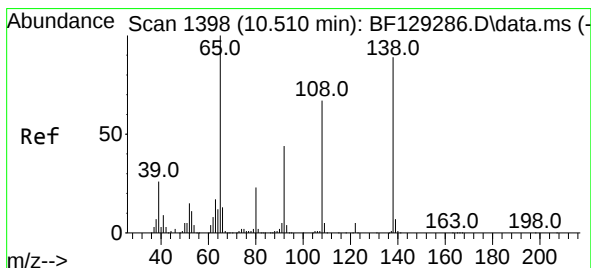
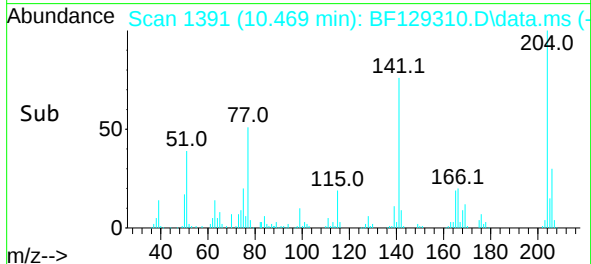
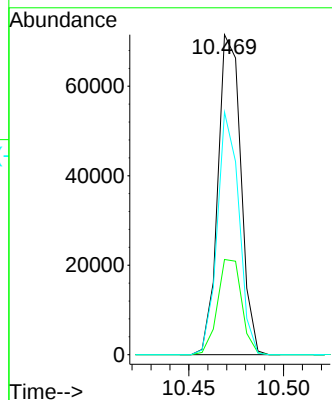
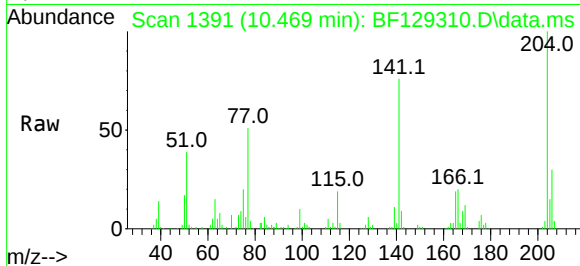
#61
4-Chlorophenyl-phenylether
Concen: 8.499 ng
RT: 10.469 min Scan# 1391
Delta R.T. -0.012 min
Lab File: BF129310.D
Acq: 22 Jul 2022 12:03

Instrument : BNA_F
ClientSampleId : MDL-WATER-03-QT2-2022

Tgt Ion:204 Resp: 60300
Ion Ratio Lower Upper
204 100
206 29.8 25.8 38.6
141 75.8 47.0 70.4

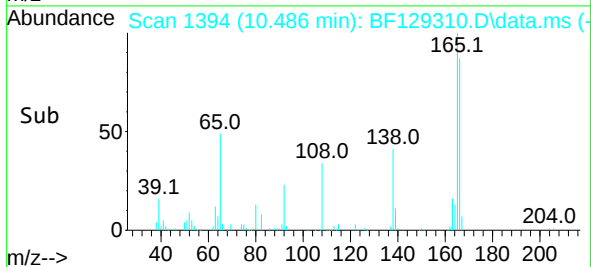
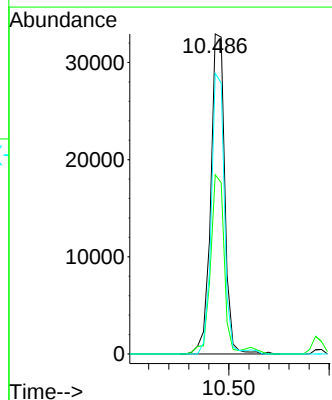
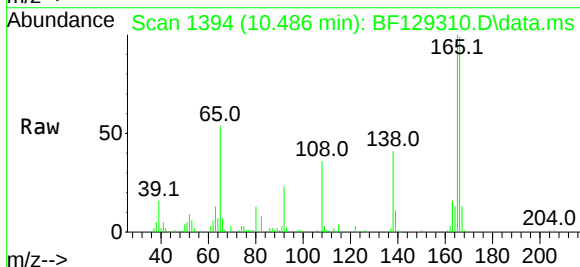
Manual Integrations
APPROVED

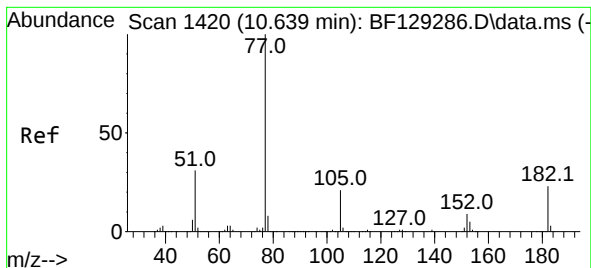
Reviewed By :Christian Giraldo 07/25/2022
Supervised By :Jagrut Upadhyay 07/25/2022



#62
4-Nitroaniline
Concen: 7.147 ng
RT: 10.486 min Scan# 1394
Delta R.T. -0.023 min
Lab File: BF129310.D
Acq: 22 Jul 2022 12:03

Tgt Ion:138 Resp: 32030
Ion Ratio Lower Upper
138 100
92 56.0 33.5 73.5
108 87.7 61.0 101.0





#63

Azobenzene

Concen: 7.986 ng

RT: 10.633 min Scan# 1420

Delta R.T. -0.006 min

Lab File: BF129310.D

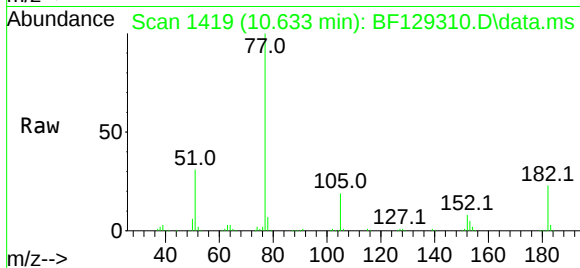
Acq: 22 Jul 2022 12:03

Instrument :

BNA_F

ClientSampleId :

MDL-WATER-03-QT2-2022



Tgt Ion: 77 Resp: 135380

Ion Ratio Lower Upper

77 100

182 23.4 5.6 45.6

105 19.3 1.6 41.6

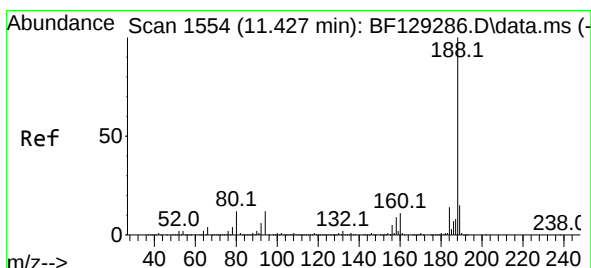
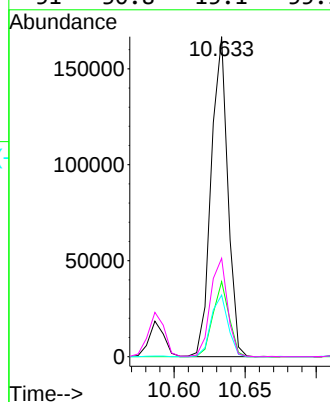
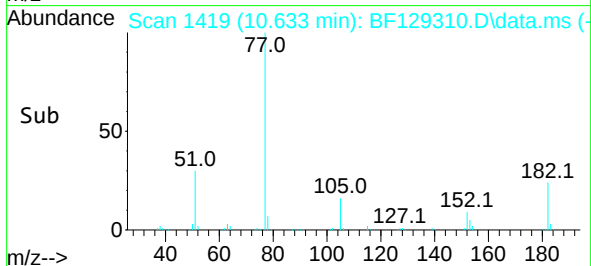
51 30.8 15.1 55.1

Manual Integrations

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Reviewed By :Christian Giraldo 07/25/2022

Supervised By :Jagrut Upadhyay 07/25/2022



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.422 min Scan# 1553

Delta R.T. -0.006 min

Lab File: BF129310.D

Acq: 22 Jul 2022 12:03

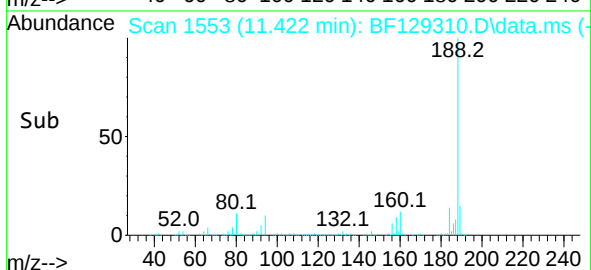
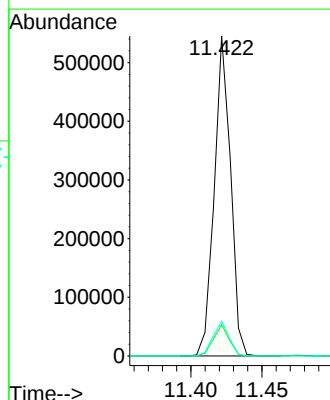
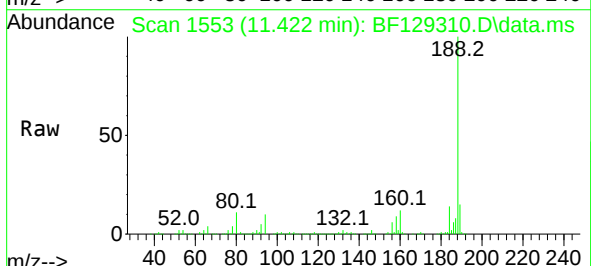
Tgt Ion:188 Resp: 433914

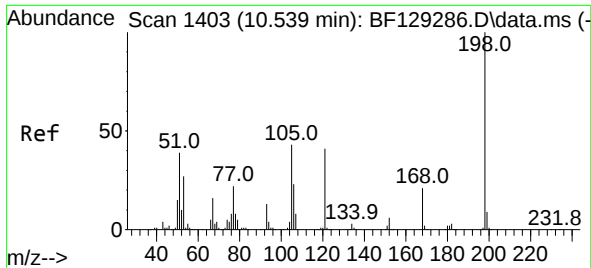
Ion Ratio Lower Upper

188 100

94 9.8 7.0 10.6

80 10.9 7.6 11.4





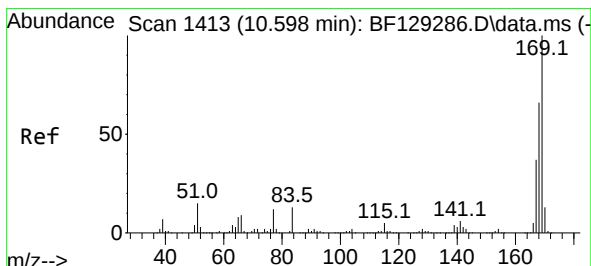
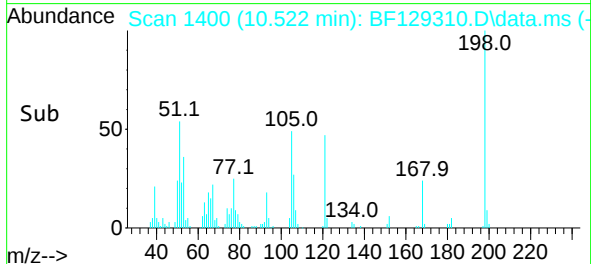
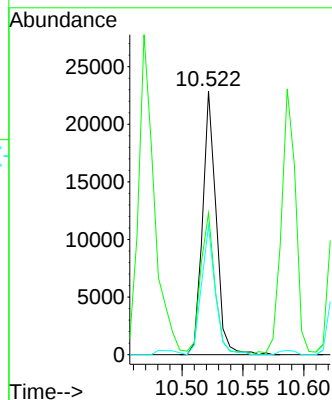
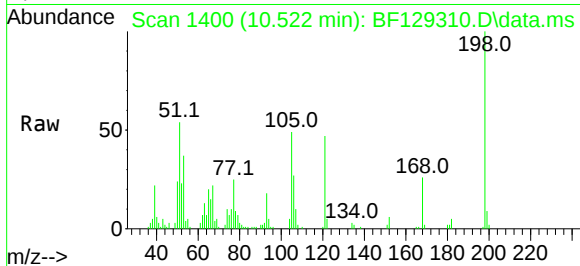
#65
4,6-Dinitro-2-methylphenol
Concen: 6.638 ng
RT: 10.522 min Scan# 1410
Delta R.T. -0.017 min
Lab File: BF129310.D
Acq: 22 Jul 2022 12:03

Instrument : BNA_F
ClientSampleId : MDL-WATER-03-QT2-2022

Tgt Ion:198 Resp: 1771
Ion Ratio Lower Upper
198 100
51 53.7 37.6 77.6
105 49.0 27.0 67.0

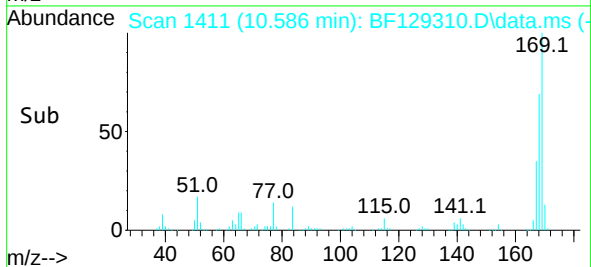
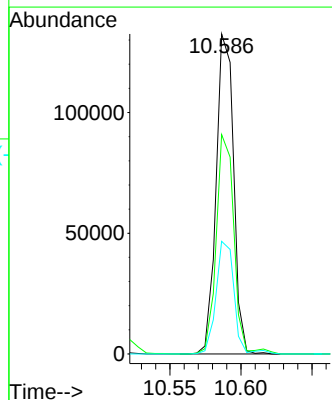
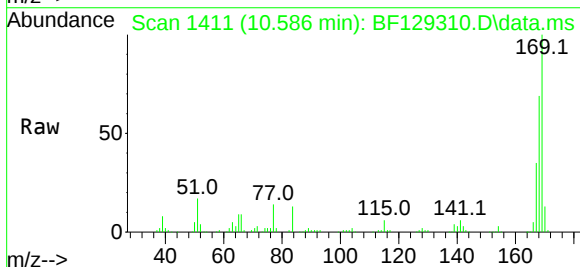
Manual Integrations
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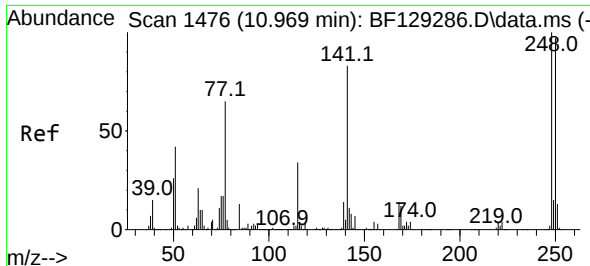
Reviewed By :Christian Giraldo 07/25/2022
Supervised By :Jagrut Upadhyay 07/25/2022



#66
n-Nitrosodiphenylamine
Concen: 7.861 ng
RT: 10.586 min Scan# 1411
Delta R.T. -0.012 min
Lab File: BF129310.D
Acq: 22 Jul 2022 12:03

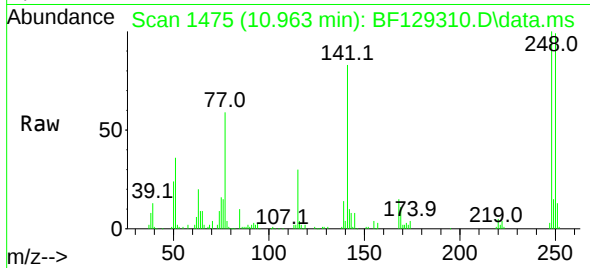
Tgt Ion:169 Resp: 112773
Ion Ratio Lower Upper
169 100
168 68.6 50.1 75.1
167 35.2 27.9 41.9





#67
4-Bromophenyl-phenylether
Concen: 7.965 ng
RT: 10.963 min Scan# 1475
Delta R.T. -0.006 min
Lab File: BF129310.D
Acq: 22 Jul 2022 12:03

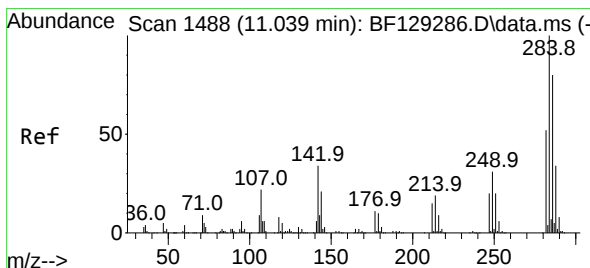
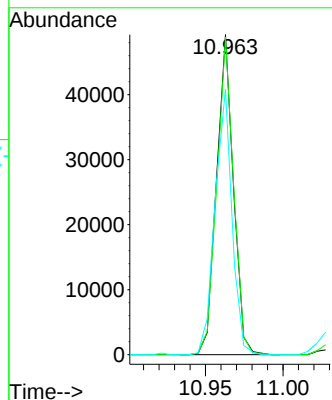
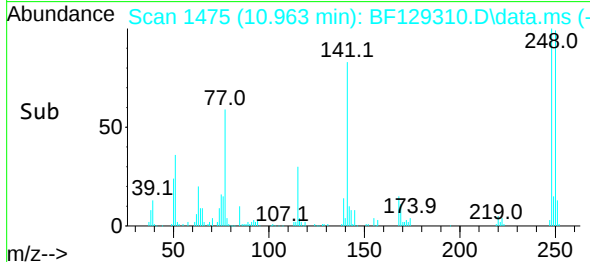
Instrument :
BNA_F
ClientSampleId :
MDL-WATER-03-QT2-2022



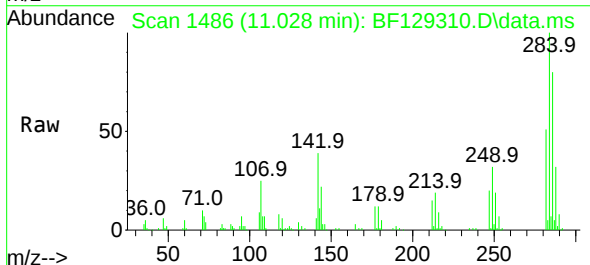
Tgt Ion:248 Resp: 3729
Ion Ratio Lower Upper
248 100
250 99.3 80.6 120.8
141 83.0 58.9 88.3

Manual Integrations
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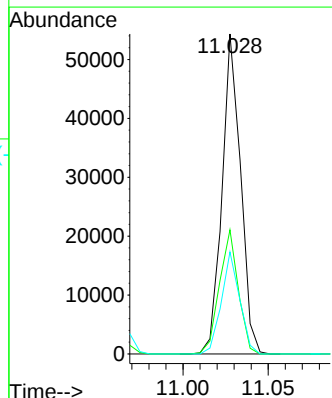
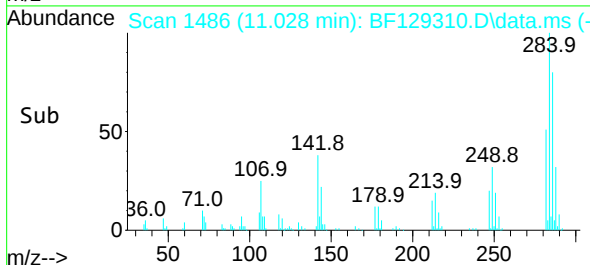
Reviewed By :Christian Giraldo 07/25/2022
Supervised By :Jagrut Upadhyay 07/25/2022

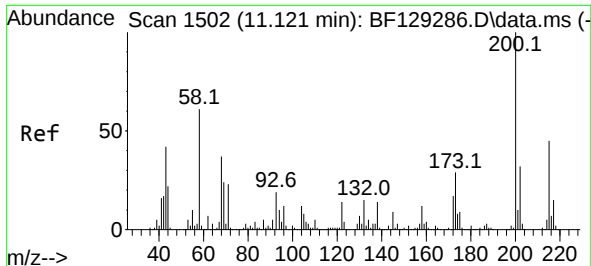


#68
Hexachlorobenzene
Concen: 8.008 ng
RT: 11.028 min Scan# 1486
Delta R.T. -0.012 min
Lab File: BF129310.D
Acq: 22 Jul 2022 12:03



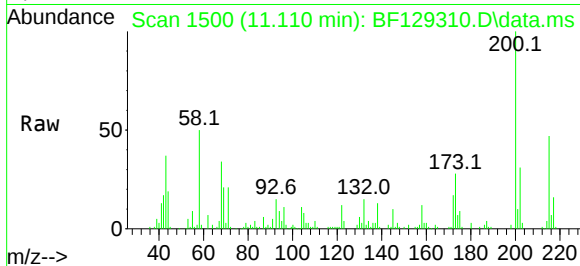
Tgt Ion:284 Resp: 41062
Ion Ratio Lower Upper
284 100
142 38.8 29.0 43.4
249 31.9 25.0 37.6





#69
 Atrazine
 Concen: 8.227 ng
 RT: 11.110 min Scan# 1110
 Delta R.T. -0.012 min
 Lab File: BF129310.D
 Acq: 22 Jul 2022 12:03

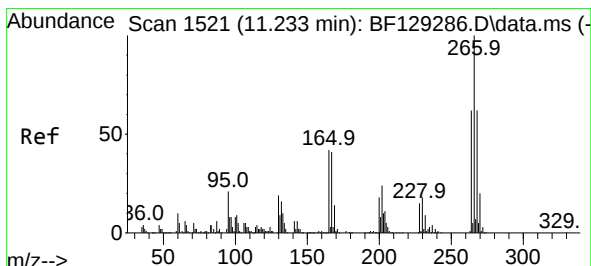
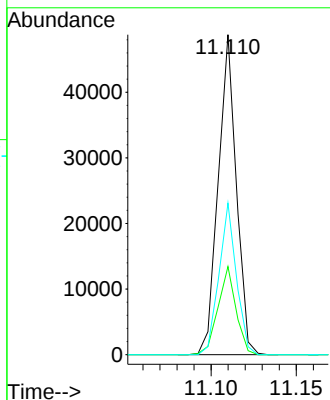
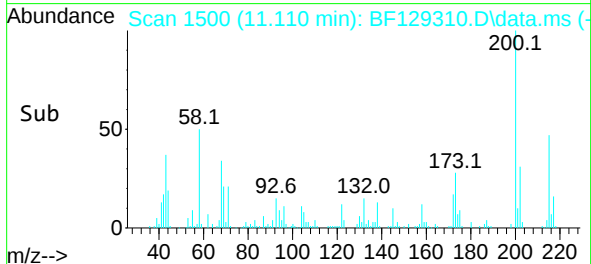
Instrument : BNA_F
 ClientSampleId : MDL-WATER-03-QT2-2022



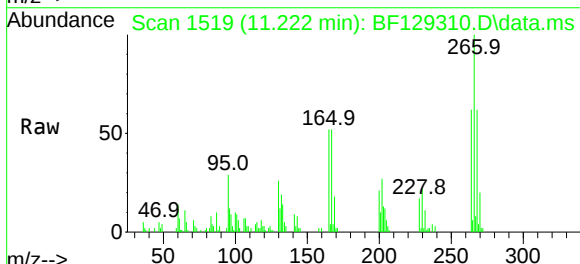
Tgt Ion:200 Resp: 36070
 Ion Ratio Lower Upper
 200 100
 173 27.5 6.3 46.3
 215 47.3 28.3 68.3

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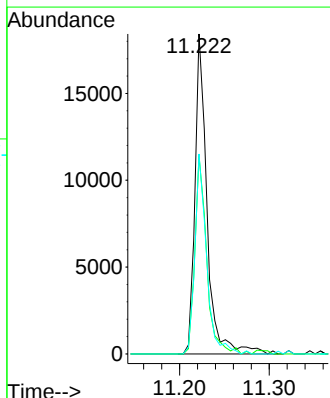
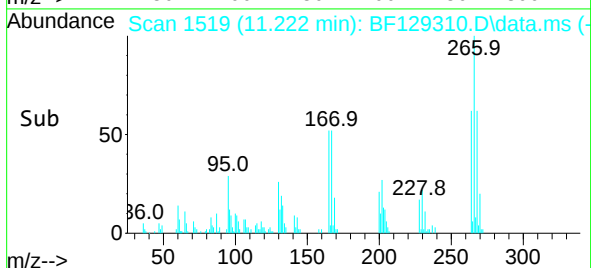
Reviewed By :Christian Giraldo 07/25/2022
 Supervised By :Jagrut Upadhyay 07/25/2022

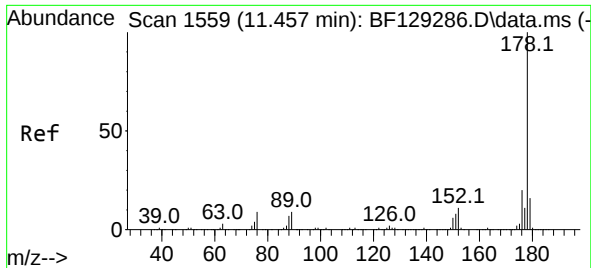


#70
 Pentachlorophenol
 Concen: 6.115 ng
 RT: 11.222 min Scan# 1519
 Delta R.T. -0.012 min
 Lab File: BF129310.D
 Acq: 22 Jul 2022 12:03



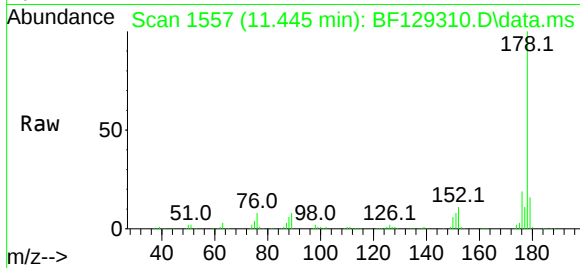
Tgt Ion:266 Resp: 17238
 Ion Ratio Lower Upper
 266 100
 268 62.1 51.0 76.4
 264 62.5 49.4 74.2





#71
Phenanthrene
Concen: 8.065 ng
RT: 11.445 min Scan# 1557
Delta R.T. -0.012 min
Lab File: BF129310.D
Acq: 22 Jul 2022 12:03

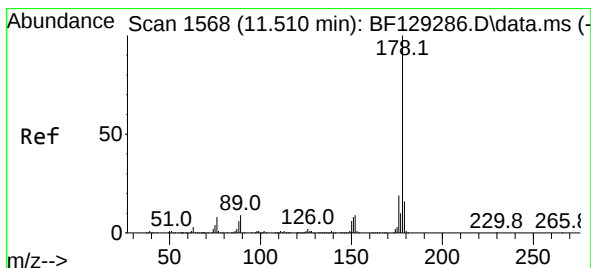
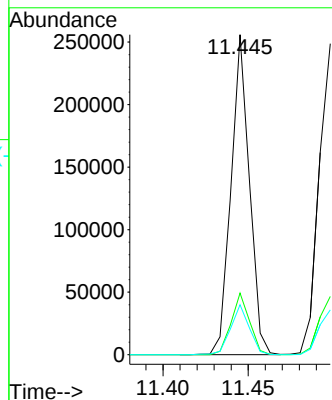
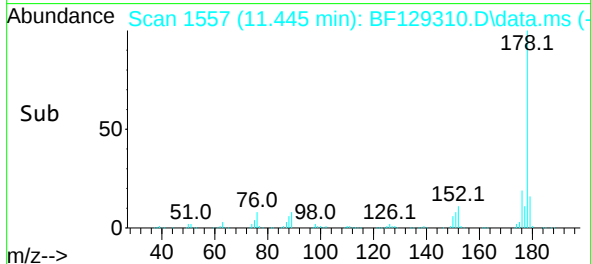
Instrument :
BNA_F
ClientSampleId :
MDL-WATER-03-QT2-2022



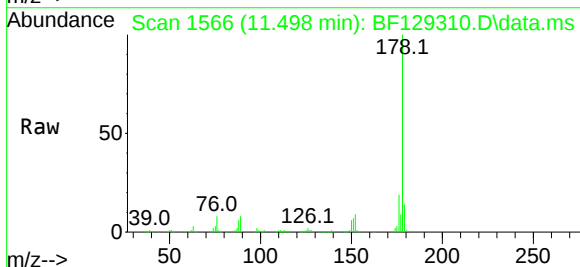
Tgt Ion:178 Resp: 192078
Ion Ratio Lower Upper
178 100
176 19.3 16.0 24.0
179 15.6 12.6 19.0

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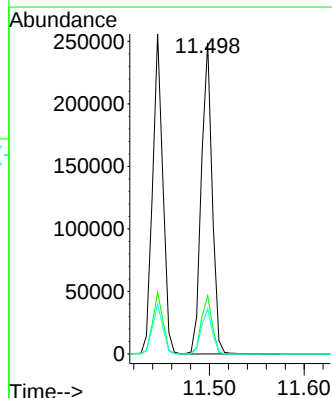
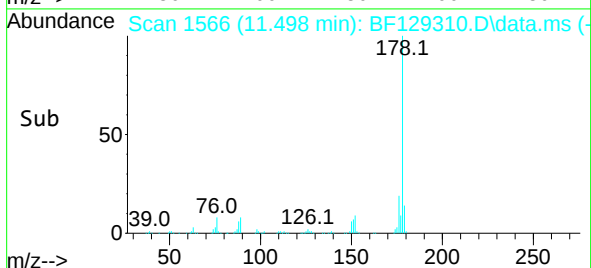
Reviewed By :Christian Giraldo 07/25/2022
Supervised By :Jagrut Upadhyay 07/25/2022

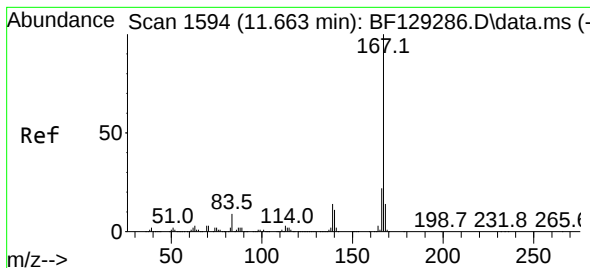


#72
Anthracene
Concen: 8.351 ng
RT: 11.498 min Scan# 1566
Delta R.T. -0.012 min
Lab File: BF129310.D
Acq: 22 Jul 2022 12:03



Tgt Ion:178 Resp: 197072
Ion Ratio Lower Upper
178 100
176 18.7 15.4 23.2
179 14.4 12.6 19.0





#73

Carbazole

Concen: 8.260 ng

RT: 11.651 min Scan# 11

Delta R.T. -0.012 min

Lab File: BF129310.D

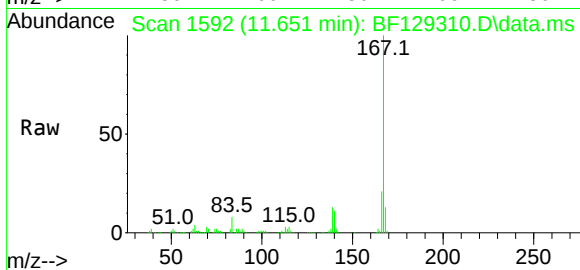
Acq: 22 Jul 2022 12:03

Instrument :

BNA_F

ClientSampleId :

MDL-WATER-03-QT2-2022



Tgt Ion:167 Resp: 181824

Ion Ratio Lower Upper

167 100

166 21.1 17.7 26.5

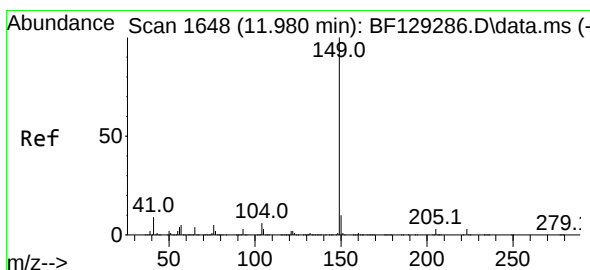
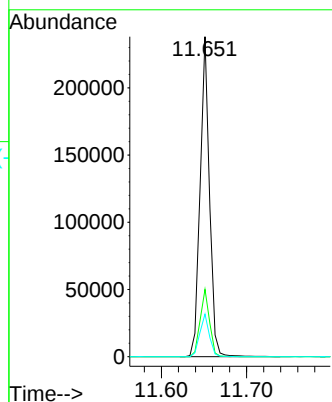
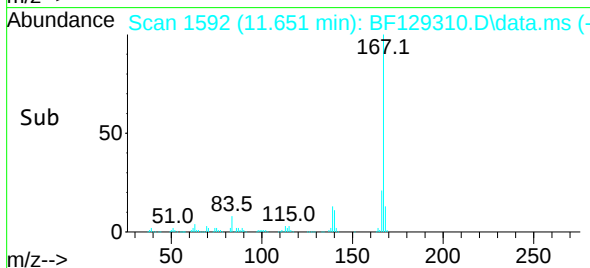
139 13.3 11.2 16.8

Manual Integrations

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Reviewed By :Christian Giraldo 07/25/2022

Supervised By :Jagrut Upadhyay 07/25/2022



#74

Di-n-butylphthalate

Concen: 7.979 ng

RT: 11.975 min Scan# 1647

Delta R.T. -0.006 min

Lab File: BF129310.D

Acq: 22 Jul 2022 12:03

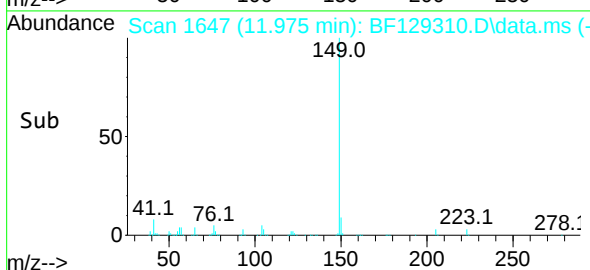
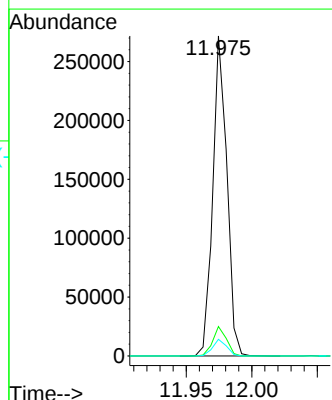
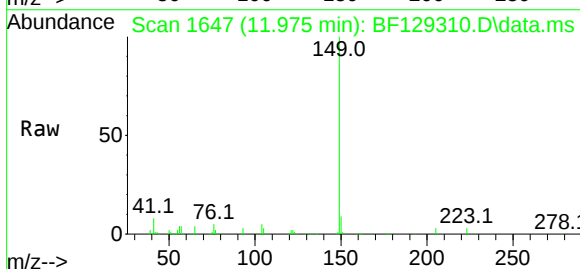
Tgt Ion:149 Resp: 202949

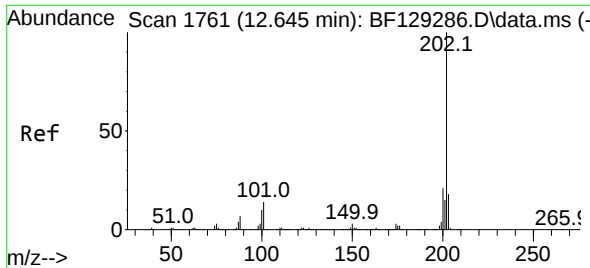
Ion Ratio Lower Upper

149 100

150 9.2 7.5 11.3

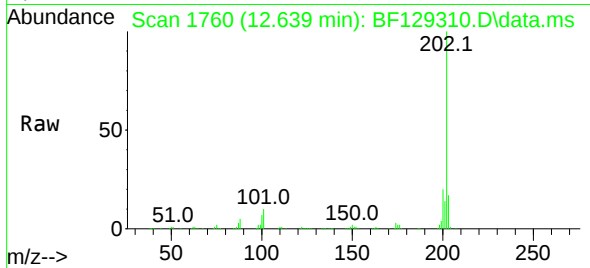
104 5.2 4.4 6.6





#75
Fluoranthene
Concen: 8.015 ng
RT: 12.639 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF129310.D
Acq: 22 Jul 2022 12:03

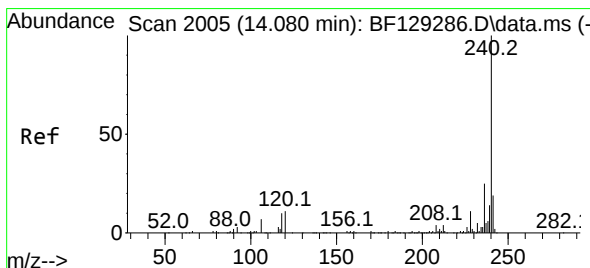
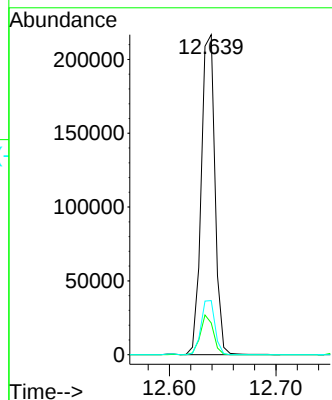
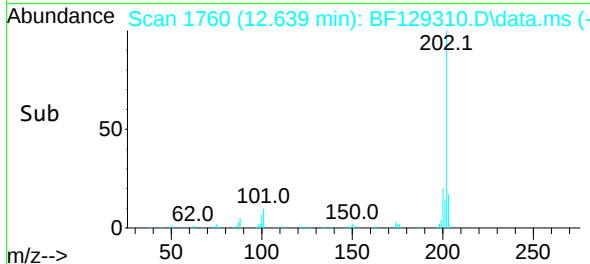
Instrument :
BNA_F
ClientSampleId :
MDL-WATER-03-QT2-2022



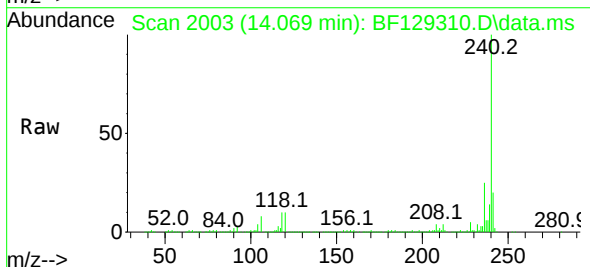
Tgt Ion:202 Resp: 194552
Ion Ratio Lower Upper
202 100
101 9.9 0.0 31.4
203 16.9 0.0 38.0

Manual Integrations
APPROVED

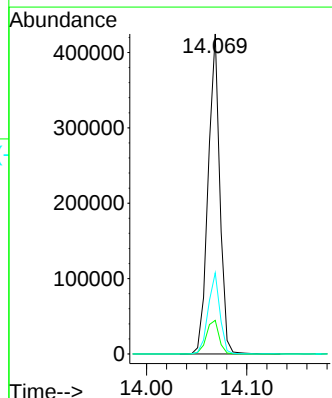
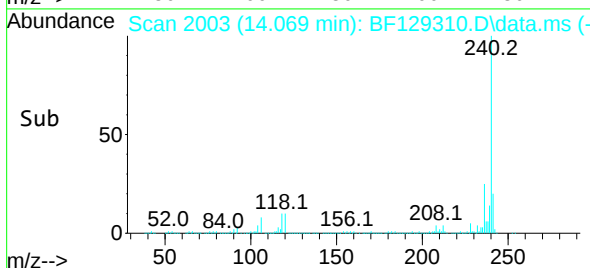
Reviewed By :Christian Giraldo 07/25/2022
Supervised By :Jagrut Upadhyay 07/25/2022

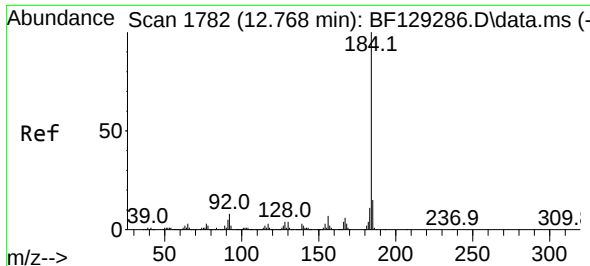


#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.069 min Scan# 2003
Delta R.T. -0.012 min
Lab File: BF129310.D
Acq: 22 Jul 2022 12:03



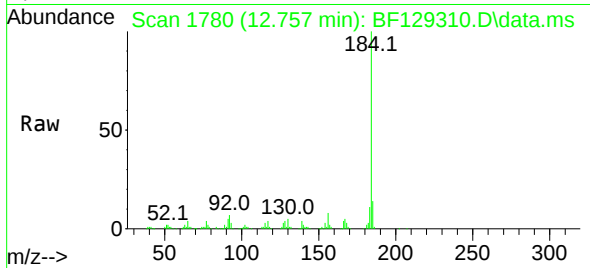
Tgt Ion:240 Resp: 344560
Ion Ratio Lower Upper
240 100
120 10.5 8.9 13.3
236 25.4 20.8 31.2





#77
Benzidine
Concen: 7.636 ng
RT: 12.757 min Scan# 1799
Delta R.T. -0.012 min
Lab File: BF129310.D
Acq: 22 Jul 2022 12:03

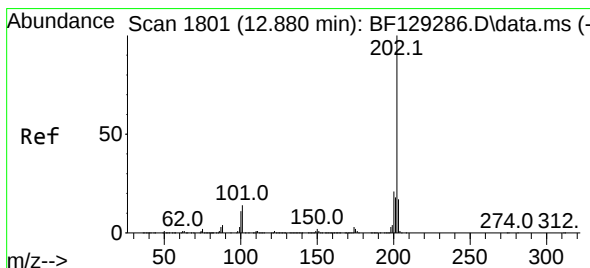
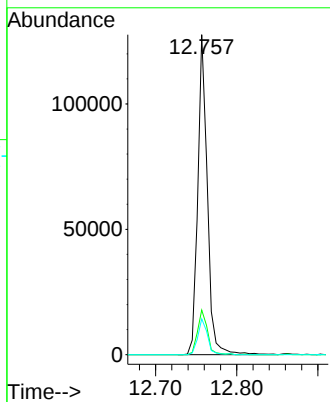
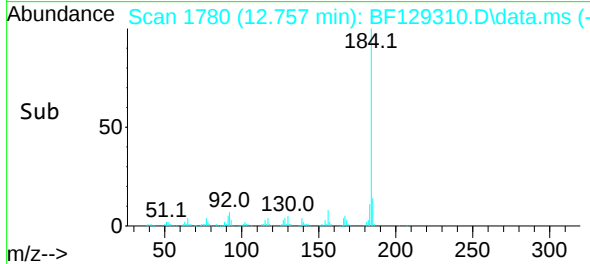
Instrument : BNA_F
ClientSampleId : MDL-WATER-03-QT2-2022



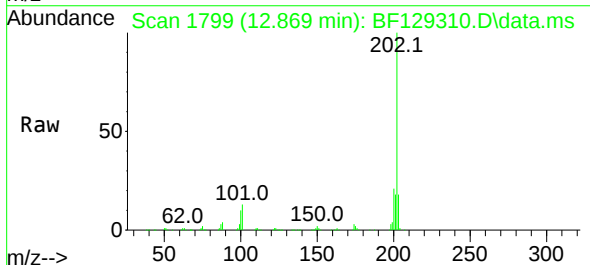
Tgt Ion:184 Resp: 104859
Ion Ratio Lower Upper
184 100
185 14.0 11.9 17.9
183 11.2 9.3 13.9

Manual Integrations
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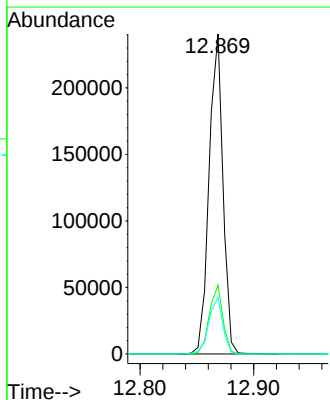
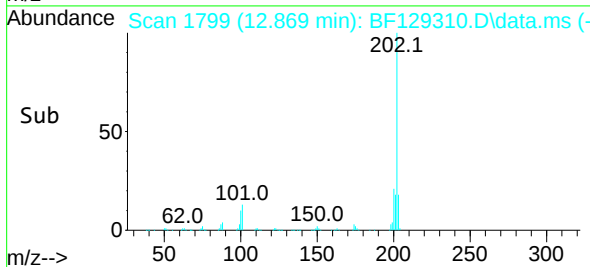
Reviewed By :Christian Giraldo 07/25/2022
Supervised By :Jagrut Upadhyay 07/25/2022

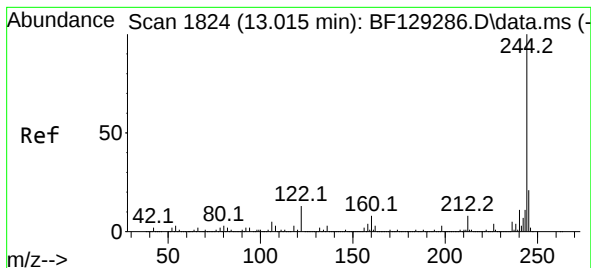


#78
Pyrene
Concen: 6.904 ng
RT: 12.869 min Scan# 1799
Delta R.T. -0.012 min
Lab File: BF129310.D
Acq: 22 Jul 2022 12:03



Tgt Ion:202 Resp: 203461
Ion Ratio Lower Upper
202 100
200 21.4 17.7 26.5
203 17.7 14.6 21.8





#79

Terphenyl-d14

Concen: 79.549 ng

RT: 13.010 min Scan# 11

Delta R.T. -0.006 min

Lab File: BF129310.D

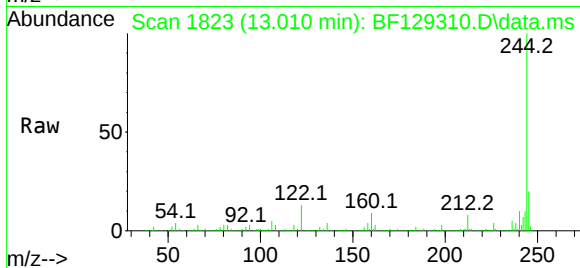
Acq: 22 Jul 2022 12:03

Instrument :

BNA_F

ClientSampleId :

MDL-WATER-03-QT2-2022



Tgt Ion:244 Resp: 1471692

Ion Ratio Lower Upper

244 100

212 7.5 6.1 9.1

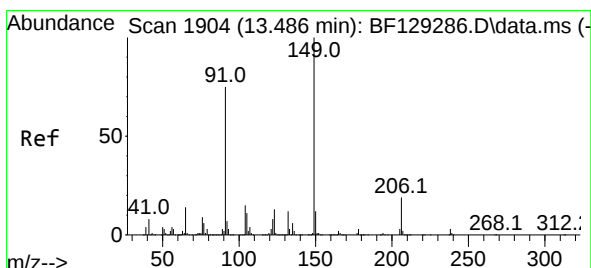
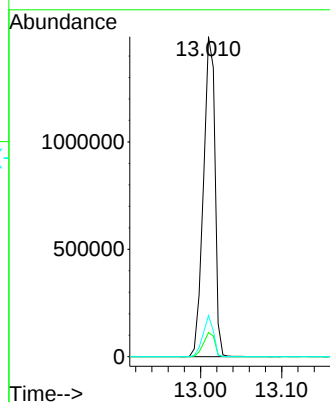
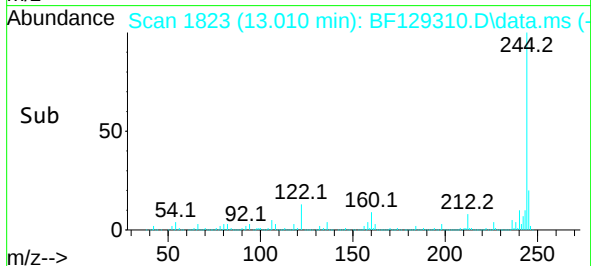
122 12.8 8.8 13.2

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 07/25/2022

Supervised By :Jagrut Upadhyay 07/25/2022



#80

Butylbenzylphthalate

Concen: 6.679 ng

RT: 13.480 min Scan# 1903

Delta R.T. -0.006 min

Lab File: BF129310.D

Acq: 22 Jul 2022 12:03

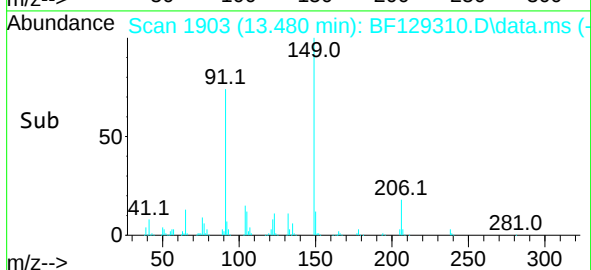
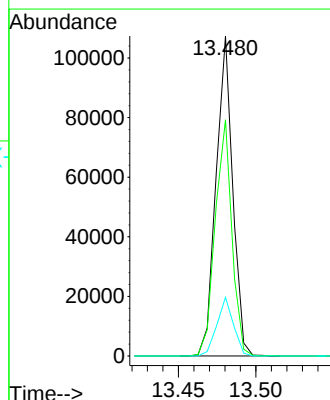
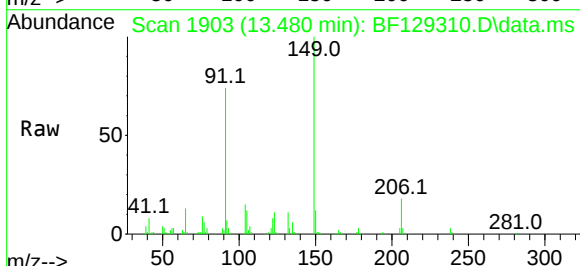
Tgt Ion:149 Resp: 80315

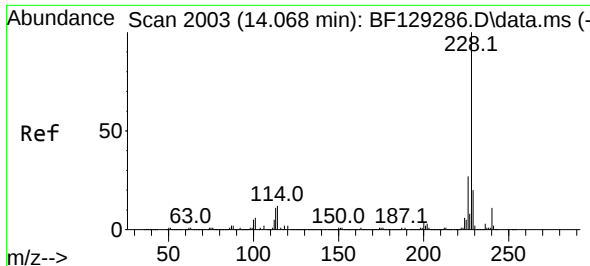
Ion Ratio Lower Upper

149 100

91 73.8 61.2 91.8

206 18.4 15.7 23.5





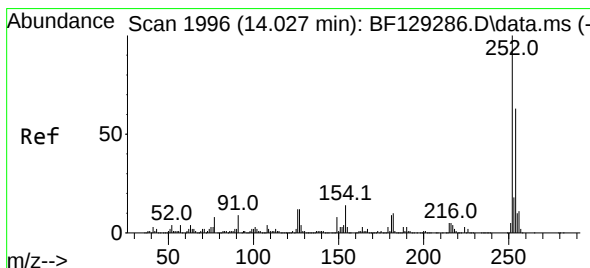
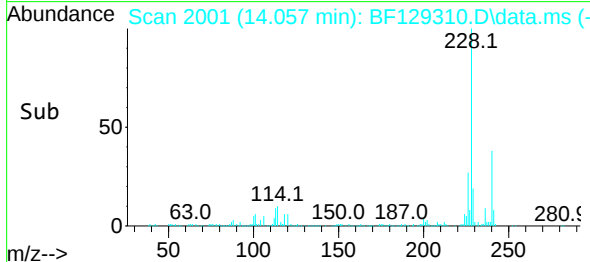
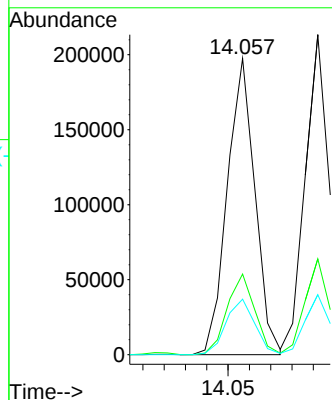
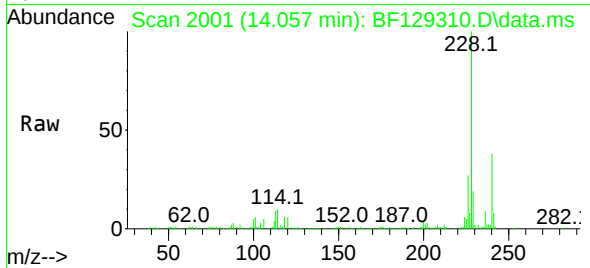
#81
Benzo(a)anthracene
Concen: 7.519 ng
RT: 14.057 min Scan# 2003
Delta R.T. -0.012 min
Lab File: BF129310.D
Acq: 22 Jul 2022 12:03

Instrument : BNA_F
ClientSampleId :
MDL-WATER-03-QT2-2022

Tgt Ion:228 Resp: 17840
Ion Ratio Lower Upper
228 100
226 27.2 22.1 33.1
229 18.8 15.8 23.8

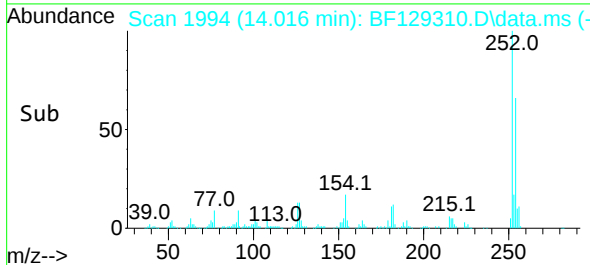
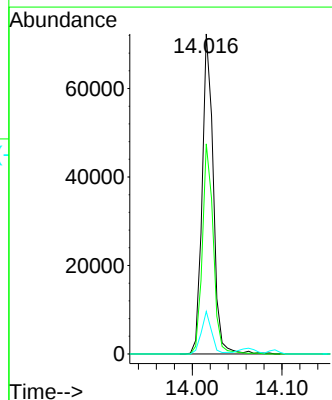
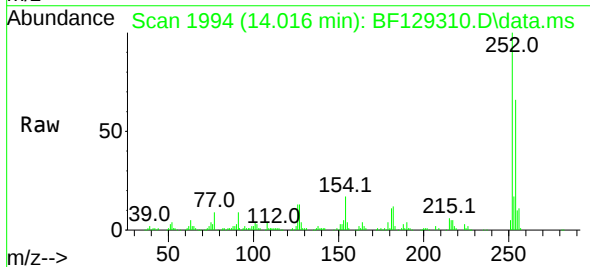
Manual Integrations
APPROVED

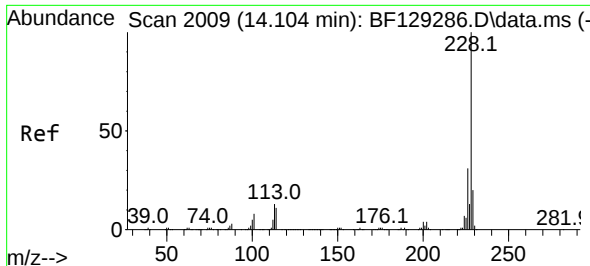
Reviewed By :Christian Giraldo 07/25/2022
Supervised By :Jagrut Upadhyay 07/25/2022



#82
3,3'-Dichlorobenzidine
Concen: 7.983 ng
RT: 14.016 min Scan# 1994
Delta R.T. -0.012 min
Lab File: BF129310.D
Acq: 22 Jul 2022 12:03

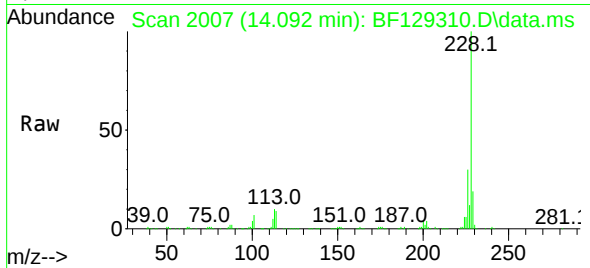
Tgt Ion:252 Resp: 62170
Ion Ratio Lower Upper
252 100
254 65.7 50.2 75.4
126 13.3 8.2 12.4





#83
Chrysene
Concen: 7.642 ng
RT: 14.092 min Scan# 2009
Delta R.T. -0.012 min
Lab File: BF129310.D
Acq: 22 Jul 2022 12:03

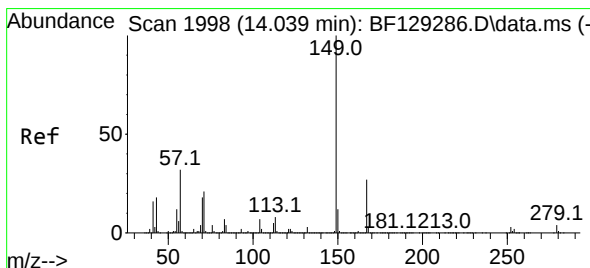
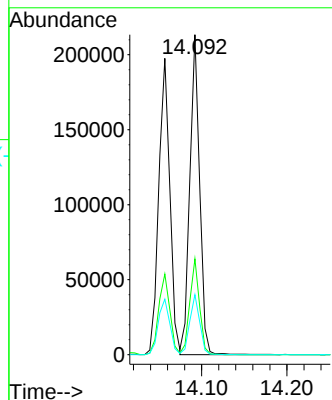
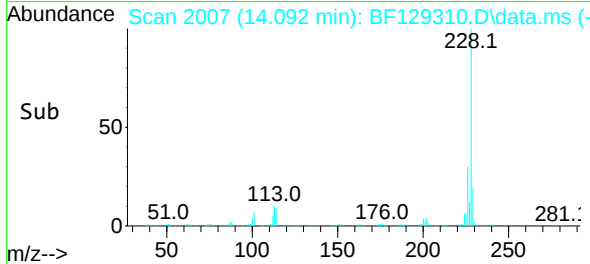
Instrument : BNA_F
ClientSampleId : MDL-WATER-03-QT2-2022



Tgt Ion:228 Resp: 171128
Ion Ratio Lower Upper
228 100
226 30.0 24.3 36.5
229 18.7 15.9 23.9

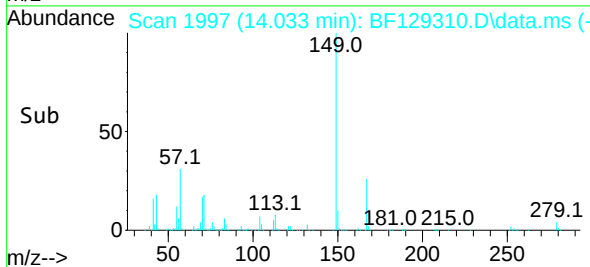
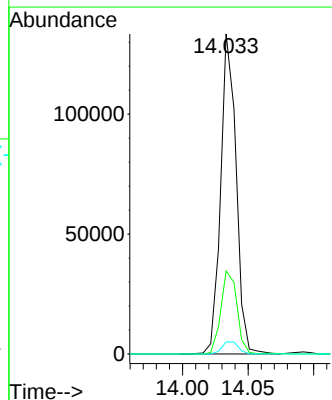
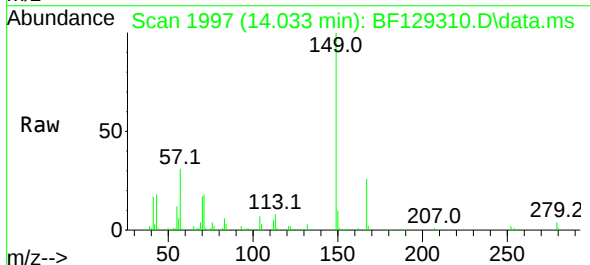
Manual Integrations
APPROVED

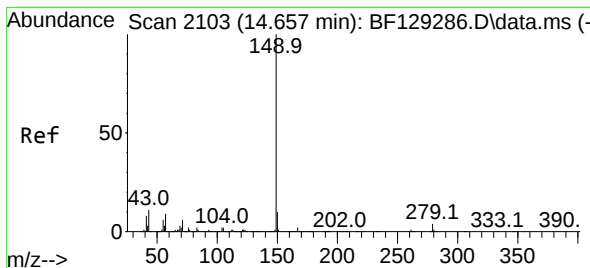
Reviewed By :Christian Giraldo 07/25/2022
Supervised By :Jagrut Upadhyay 07/25/2022



#84
Bis(2-ethylhexyl)phthalate
Concen: 7.394 ng
RT: 14.033 min Scan# 1997
Delta R.T. -0.006 min
Lab File: BF129310.D
Acq: 22 Jul 2022 12:03

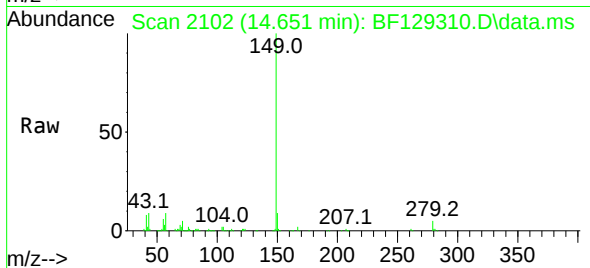
Tgt Ion:149 Resp: 109195
Ion Ratio Lower Upper
149 100
167 26.0 21.0 31.4
279 3.8 3.1 4.7





#85
Di-n-octyl phthalate
Concen: 7.447 ng
RT: 14.651 min Scan# 2103
Delta R.T. -0.006 min
Lab File: BF129310.D
Acq: 22 Jul 2022 12:03

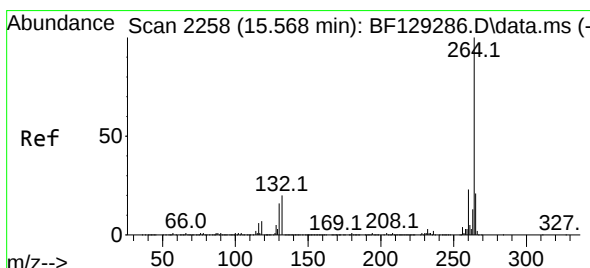
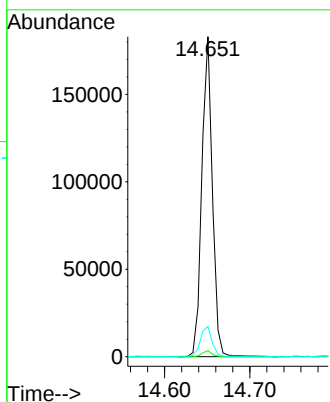
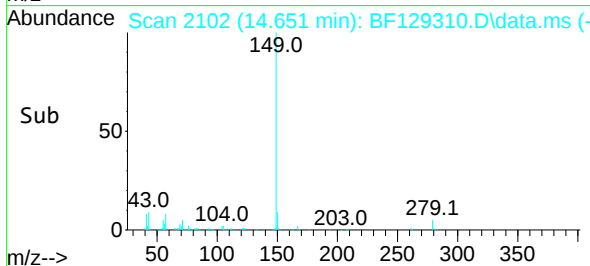
Instrument : BNA_F
ClientSampleId : MDL-WATER-03-QT2-2022



Tgt Ion:149 Resp: 157380
Ion Ratio Lower Upper
149 100
167 1.7 1.3 1.9
43 10.3 9.2 13.8

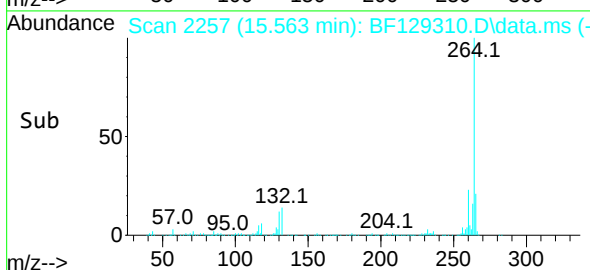
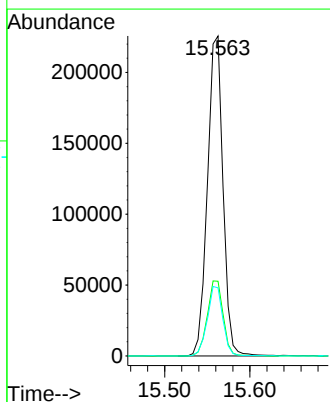
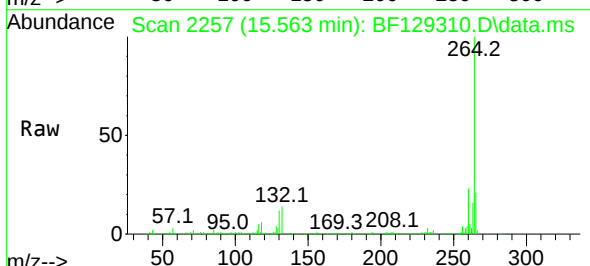
Manual Integrations
APPROVED

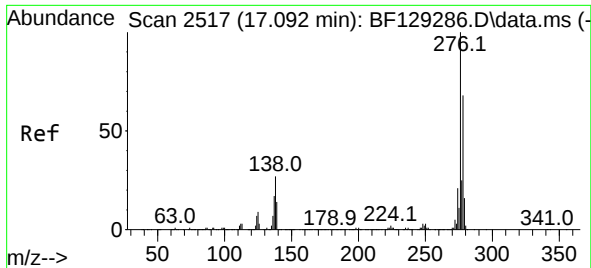
Reviewed By :Christian Giraldo 07/25/2022
Supervised By :Jagrut Upadhyay 07/25/2022



#86
Perylene-d12
Concen: 20.000 ng
RT: 15.563 min Scan# 2257
Delta R.T. -0.006 min
Lab File: BF129310.D
Acq: 22 Jul 2022 12:03

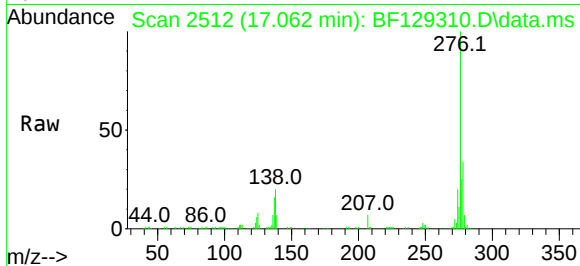
Tgt Ion:264 Resp: 286699
Ion Ratio Lower Upper
264 100
260 23.4 18.4 27.6
265 21.3 17.2 25.8





#87
Indeno(1,2,3-cd)pyrene
Concen: 5.887 ng
RT: 17.062 min Scan# 2112
Delta R.T. -0.029 min
Lab File: BF129310.D
Acq: 22 Jul 2022 12:03

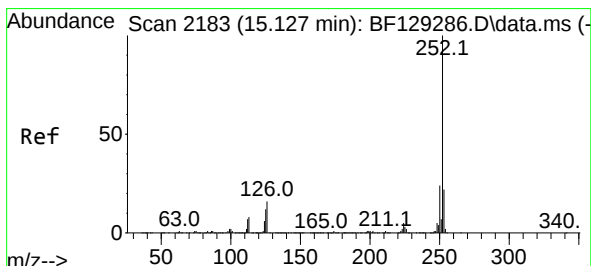
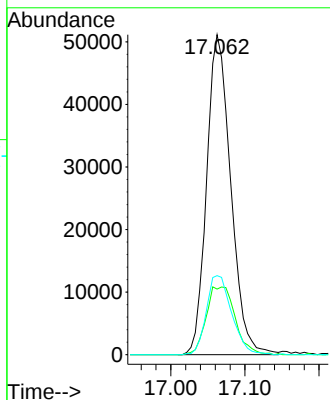
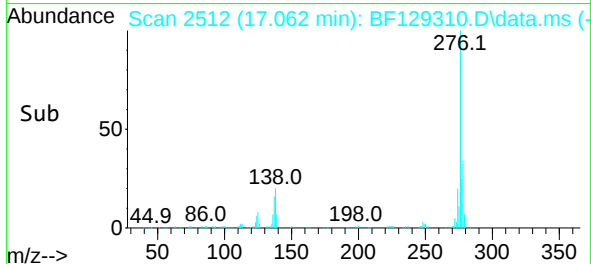
Instrument : BNA_F
ClientSampleId : MDL-WATER-03-QT2-2022



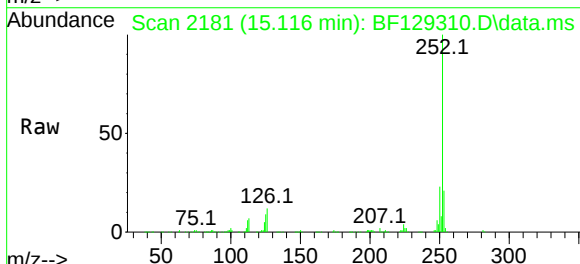
Tgt Ion: 276 Resp: 11571
Ion Ratio Lower Upper
276 100
138 25.5 21.1 31.7
277 26.0 20.3 30.5

Manual Integrations
APPROVED

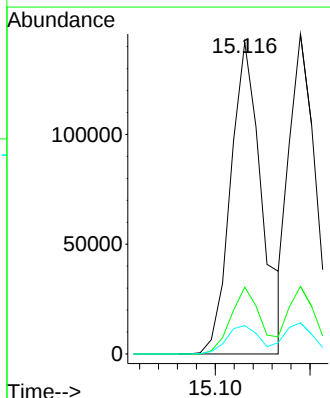
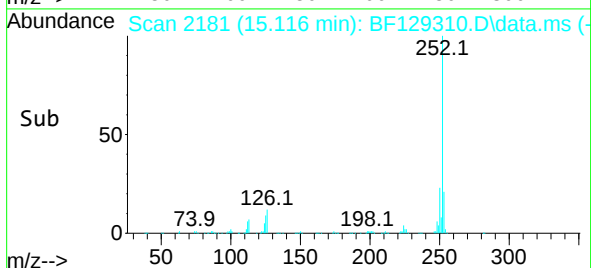
Reviewed By : Christian Giraldo 07/25/2022
Supervised By : Jagrut Upadhyay 07/25/2022

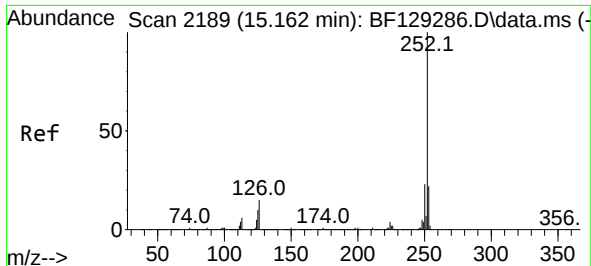


#88
Benzo(b)fluoranthene
Concen: 8.516 ng
RT: 15.116 min Scan# 2181
Delta R.T. -0.012 min
Lab File: BF129310.D
Acq: 22 Jul 2022 12:03



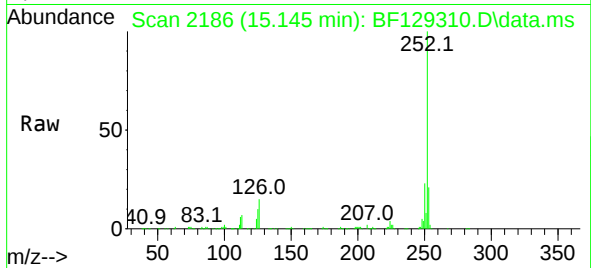
Tgt Ion: 252 Resp: 162513
Ion Ratio Lower Upper
252 100
253 21.5 17.7 26.5
125 9.1 8.0 12.0





#89
Benzo(k)fluoranthene
Concen: 7.605 ng
RT: 15.145 min Scan# 2189
Delta R.T. -0.017 min
Lab File: BF129310.D
Acq: 22 Jul 2022 12:03

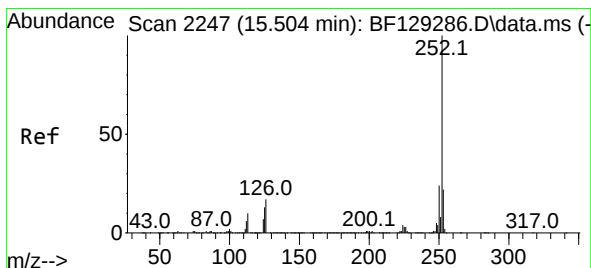
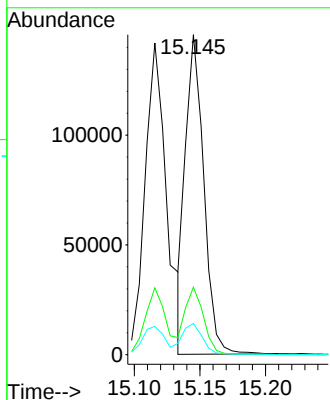
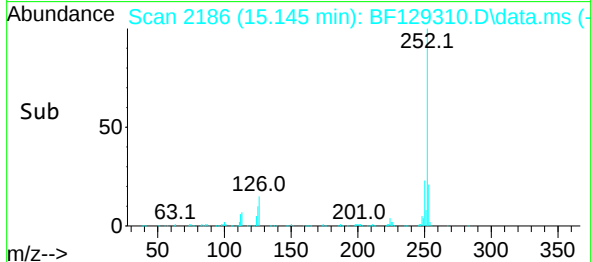
Instrument : BNA_F
ClientSampleId : MDL-WATER-03-QT2-2022



Tgt Ion:252 Resp: 140908
Ion Ratio Lower Upper
252 100
253 21.1 17.8 26.6
125 9.8 8.3 12.5

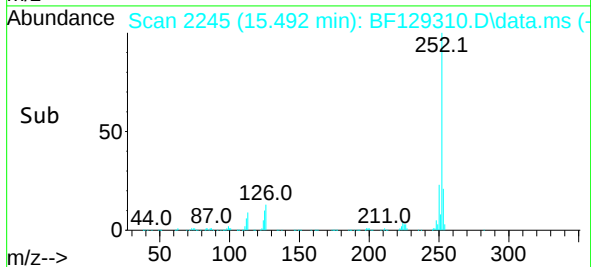
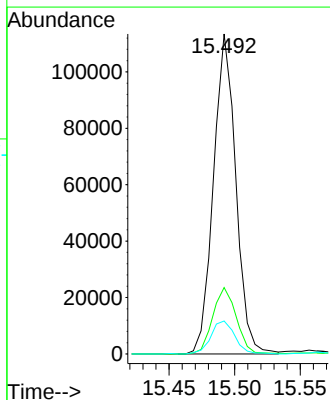
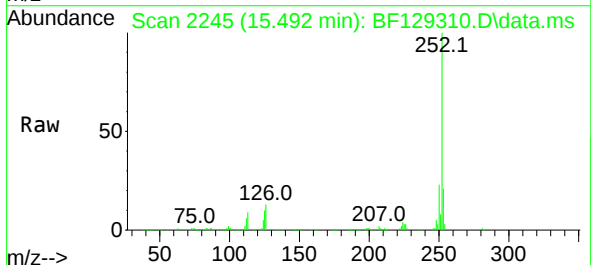
Manual Integrations
APPROVED

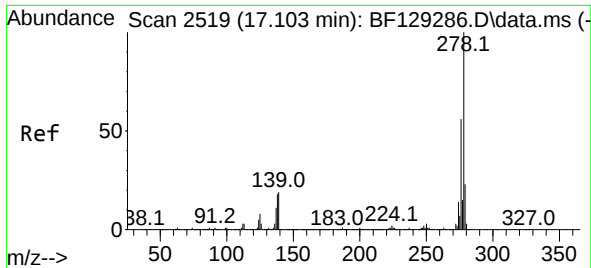
Reviewed By :Christian Giraldo 07/25/2022
Supervised By :Jagrut Upadhyay 07/25/2022



#90
Benzo(a)pyrene
Concen: 8.710 ng
RT: 15.492 min Scan# 2245
Delta R.T. -0.012 min
Lab File: BF129310.D
Acq: 22 Jul 2022 12:03

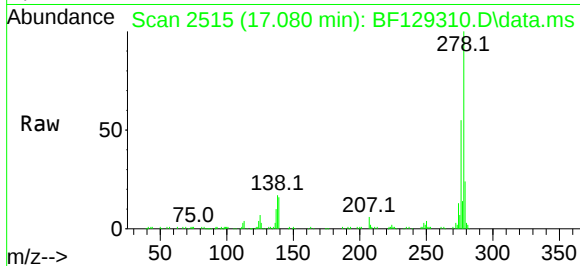
Tgt Ion:252 Resp: 134481
Ion Ratio Lower Upper
252 100
253 20.8 17.0 25.6
125 10.3 8.8 13.2





#91
Dibenzo(a,h)anthracene
Concen: 6.252 ng
RT: 17.080 min Scan# 21
Delta R.T. -0.023 min
Lab File: BF129310.D
Acq: 22 Jul 2022 12:03

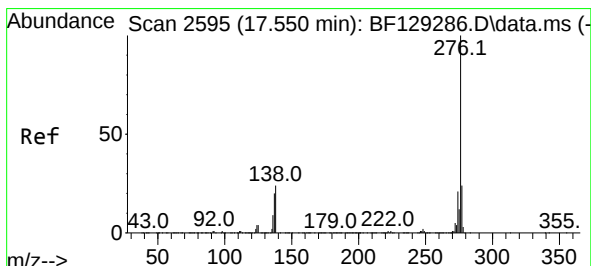
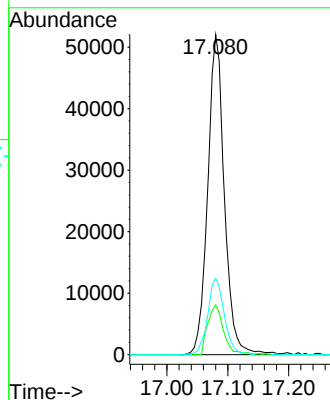
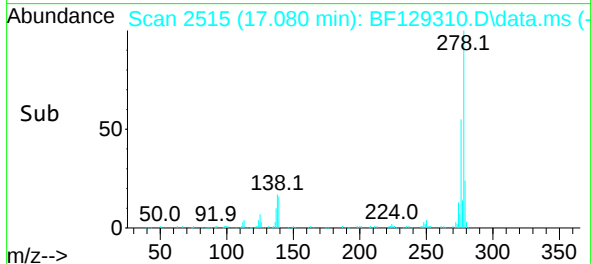
Instrument :
BNA_F
ClientSampleId :
MDL-WATER-03-QT2-2022



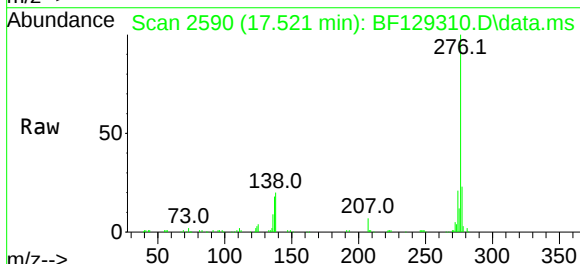
Tgt Ion:278 Resp: 99040
Ion Ratio Lower Upper
278 100
139 15.5 12.8 19.2
279 24.0 18.6 28.0

Manual Integrations
APPROVED

Reviewed By :Christian Giraldo 07/25/2022
Supervised By :Jagrut Upadhyay 07/25/2022



#92
Benzo(g,h,i)perylene
Concen: 5.971 ng
RT: 17.521 min Scan# 2590
Delta R.T. -0.029 min
Lab File: BF129310.D
Acq: 22 Jul 2022 12:03



Tgt Ion:276 Resp: 98292
Ion Ratio Lower Upper
276 100
277 22.7 19.1 28.7
138 20.1 18.0 27.0

