

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF072222\
 Data File : BF129311.D
 Acq On : 22 Jul 2022 12:35
 Operator : CG\JU
 Sample : N3214-09
 Misc : MDL-MDL-WATER 4ppm
 ALS Vial : 7 Sample Multiplier: 1

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

Quant Time: Jul 22 12:58:28 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF072022.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Jul 20 13:42:18 2022
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By : Christian Giraldo 07/25/2022
 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	128224	20.000	ng	0.00
21) Naphthalene-d8	8.175	136	479932	20.000	ng	0.00
39) Acenaphthene-d10	9.933	164	259744	20.000	ng	0.00
64) Phenanthrene-d10	11.422	188	453264	20.000	ng	0.00
76) Chrysene-d12	14.069	240	358089	20.000	ng	-0.01
86) Perylene-d12	15.557	264	280786	20.000	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.510	112	871633	110.874	ng	0.00
7) Phenol-d6	6.522	99	1146734	114.427	ng	0.00
23) Nitrobenzene-d5	7.457	82	825136	92.496	ng	0.00
42) 2,4,6-Tribromophenol	10.722	330	327326	130.617	ng	-0.01
45) 2-Fluorobiphenyl	9.251	172	1465503	86.796	ng	0.00
79) Terphenyl-d14	13.010	244	1547070	80.464	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	2.681	88	11873	3.406	ng	92
3) Pyridine	3.546	79	47779m	4.964	ng	
4) n-Nitrosodimethylamine	3.428	42	16228m	3.755	ng	
6) Aniline	6.557	93	49322	4.000	ng	99
8) 2-Chlorophenol	6.675	128	33106	3.841	ng	98
9) Benzaldehyde	6.445	77	28453	4.139	ng	96
10) Phenol	6.528	94	37969	3.605	ng	# 67
11) bis(2-Chloroethyl)ether	6.628	93	31120	3.733	ng	90
12) 1,3-Dichlorobenzene	6.834	146	35714	3.845	ng	96
13) 1,4-Dichlorobenzene	6.910	146	36375	3.870	ng	97
14) 1,2-Dichlorobenzene	7.063	146	34677	3.993	ng	97
15) Benzyl Alcohol	7.028	79	38311m	5.269	ng	
16) 2,2'-oxybis(1-Chloropr...	7.163	45	45050	3.544	ng	91
17) 2-Methylphenol	7.134	107	26150	3.723	ng	95
18) Hexachloroethane	7.404	117	13773	3.906	ng	93
19) n-Nitroso-di-n-propyla...	7.292	70	23485	3.933	ng	95
20) 3+4-Methylphenols	7.287	107	33990	3.711	ng	95
22) Acetophenone	7.292	105	49115	4.358	ng	# 93
24) Nitrobenzene	7.475	77	39503	4.299	ng	95
25) Isophorone	7.704	82	64579	4.123	ng	99
26) 2-Nitrophenol	7.787	139	16846	3.800	ng	94
27) 2,4-Dimethylphenol	7.822	122	29456m	4.417	ng	
28) bis(2-Chloroethoxy)met...	7.916	93	38722	4.268	ng	97
29) 2,4-Dichlorophenol	8.028	162	27047	3.899	ng	96
30) 1,2,4-Trichlorobenzene	8.116	180	28903	4.009	ng	95
31) Naphthalene	8.198	128	100805	4.095	ng	98
32) Benzoic acid	7.887	122	24016	4.926	ng	99
33) 4-Chloroaniline	8.245	127	39989	3.983	ng	96
34) Hexachlorobutadiene	8.310	225	16790	4.074	ng	94
35) Caprolactam	8.575	113	8302	3.752	ng	# 78
36) 4-Chloro-3-methylphenol	8.716	107	30034	4.075	ng	100
37) 2-Methylnaphthalene	8.886	142	65144	4.084	ng	99
38) 1-Methylnaphthalene	8.986	142	61871	4.009	ng	98
40) 1,2,4,5-Tetrachloroben...	9.051	216	28235	4.141	ng	98
41) Hexachlorocyclopentadiene	9.039	237	10828	3.603	ng	96
43) 2,4,6-Trichlorophenol	9.163	196	17727	3.557	ng	96

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 ALS Vial : 7 Sample Multiplier: 1

Instrument :
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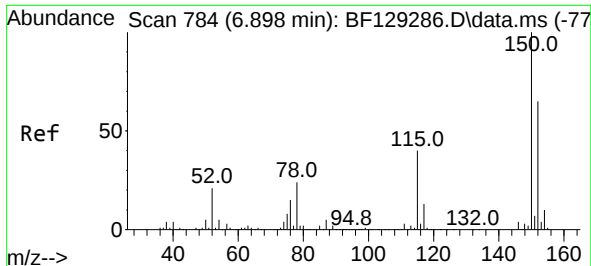
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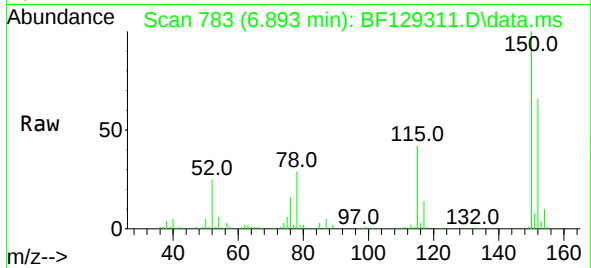
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.198	196	20069	3.712	ng	# 92
46) 1,1'-Biphenyl	9.351	154	81554	4.249	ng	99
47) 2-Chloronaphthalene	9.375	162	61995	4.032	ng	98
48) 2-Nitroaniline	9.469	65	19035	3.687	ng	96
49) Acenaphthylene	9.792	152	100391	4.252	ng	98
50) Dimethylphthalate	9.639	163	69990	3.922	ng	99
51) 2,6-Dinitrotoluene	9.710	165	14490	3.626	ng	97
52) Acenaphthene	9.963	154	63659m	4.155	ng	
53) 3-Nitroaniline	9.881	138	16365	3.442	ng	# 94
54) 2,4-Dinitrophenol	9.986	184	9656	4.776	ng	# 91
55) Dibenzofuran	10.133	168	87141	4.093	ng	95
56) 4-Nitrophenol	10.033	139	11032	3.178	ng	85
57) 2,4-Dinitrotoluene	10.110	165	20003	3.819	ng	99
58) Fluorene	10.480	166	69995	4.119	ng	100
59) 2,3,4,6-Tetrachlorophenol	10.251	232	14419	3.460	ng	# 87
60) Diethylphthalate	10.345	149	68907	4.013	ng	99
61) 4-Chlorophenyl-phenyle...	10.469	204	31943	4.296	ng	# 85
62) 4-Nitroaniline	10.486	138	16198	3.449	ng	97
63) Azobenzene	10.633	77	70394	3.963	ng	95
65) 4,6-Dinitro-2-methylph...	10.522	198	8526	3.058	ng	90
66) n-Nitrosodiphenylamine	10.586	169	59395	3.964	ng	97
67) 4-Bromophenyl-phenylether	10.963	248	19622	4.012	ng	97
68) Hexachlorobenzene	11.028	284	21266	3.970	ng	98
69) Atrazine	11.110	200	18357	4.008	ng	97
70) Pentachlorophenol	11.222	266	8286	2.814	ng	92
71) Phenanthrene	11.445	178	99210	3.988	ng	98
72) Anthracene	11.498	178	102356	4.152	ng	98
73) Carbazole	11.651	167	93865	4.082	ng	97
74) Di-n-butylphthalate	11.975	149	104891	3.948	ng	98
75) Fluoranthene	12.633	202	100764	3.974	ng	98
77) Benzidine	12.757	184	49465	3.466	ng	99
78) Pyrene	12.863	202	105536	3.446	ng	95
80) Butylbenzylphthalate	13.480	149	39302	3.145	ng	92
81) Benzo(a)anthracene	14.057	228	91120	3.695	ng	99
82) 3,3'-Dichlorobenzidine	14.016	252	29339	3.625	ng	# 97
83) Chrysene	14.092	228	85393	3.669	ng	98
84) Bis(2-ethylhexyl)phtha...	14.033	149	52427	3.416	ng	95
85) Di-n-octyl phthalate	14.651	149	71957	3.276	ng	99
87) Indeno(1,2,3-cd)pyrene	17.062	276	58209	3.024	ng	97
88) Benzo(b)fluoranthene	15.115	252	73254	3.920	ng	99
89) Benzo(k)fluoranthene	15.145	252	73287	4.039	ng	99
90) Benzo(a)pyrene	15.492	252	64316	4.253	ng	99
91) Dibenzo(a,h)anthracene	17.074	278	48982	3.157	ng	98
92) Benzo(g,h,i)perylene	17.515	276	49838	3.091	ng	98

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



#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.893 min Scan# 71
Delta R.T. -0.005 min
Lab File: BF129311.D
Acq: 22 Jul 2022 12:35

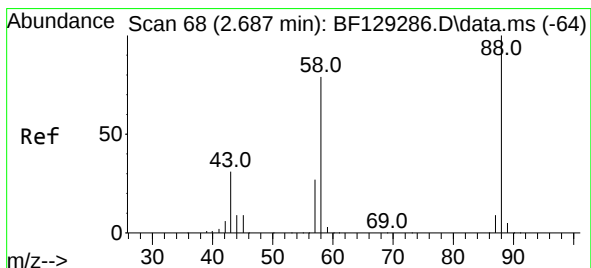
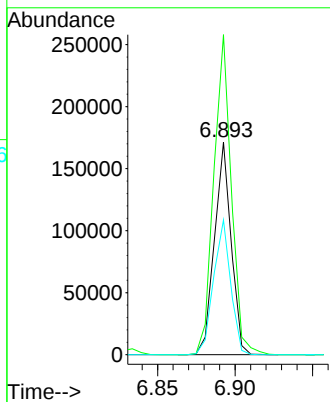
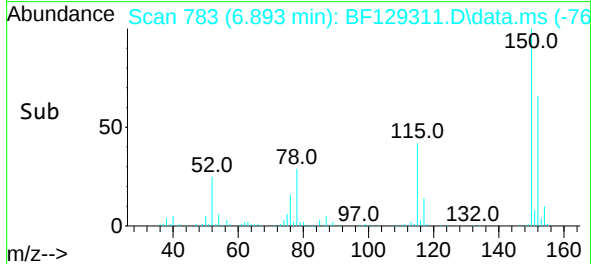
Instrument :
BNA_F
ClientSampleId :
MDL-WATER-03-QT2-2022



Tgt Ion:152 Resp: 128224
Ion Ratio Lower Upper
152 100
150 150.4 123.7 185.5
115 63.3 49.9 74.9

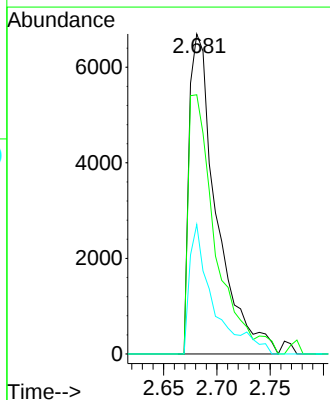
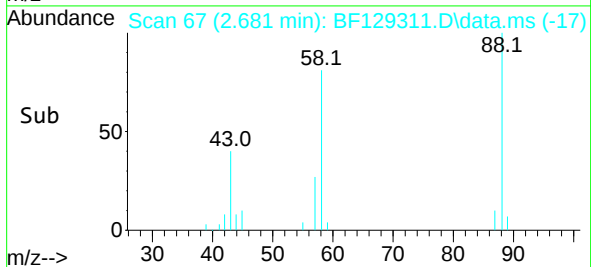
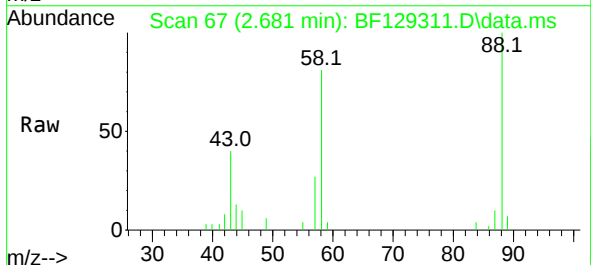
Manual Integrations
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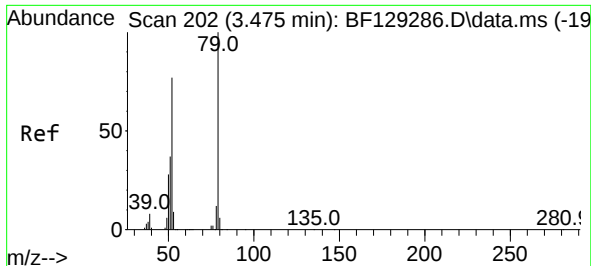
Reviewed By :Christian Giraldo 07/25/2022
Supervised By :Jagrut Upadhyay 07/25/2022



#2
1,4-Dioxane
Concen: 3.406 ng
RT: 2.681 min Scan# 67
Delta R.T. -0.006 min
Lab File: BF129311.D
Acq: 22 Jul 2022 12:35

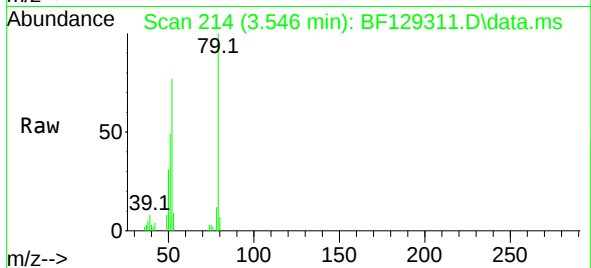
Tgt Ion: 88 Resp: 11873
Ion Ratio Lower Upper
88 100
58 81.2 71.8 107.8
43 35.4 26.6 39.8





#3
Pyridine
Concen: 4.964 ng m
RT: 3.546 min Scan# 214
Delta R.T. 0.071 min
Lab File: BF129311.D
Acq: 22 Jul 2022 12:35

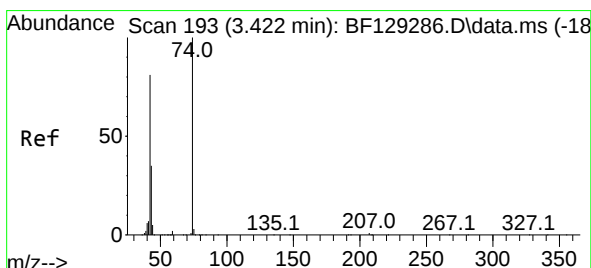
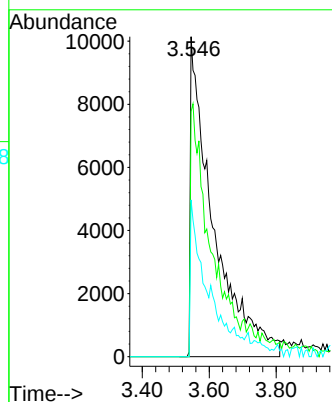
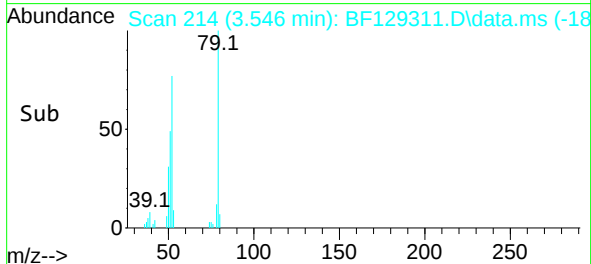
Instrument :
BNA_F
ClientSampleId :
MDL-WATER-03-QT2-2022



Tgt Ion: 79 Resp: 47779
Ion Ratio Lower Upper
79 100
52 76.6 68.6 102.8
51 49.0 32.9 49.3

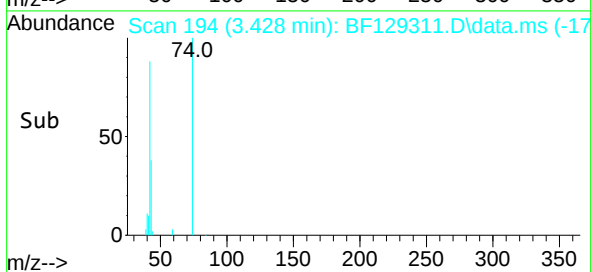
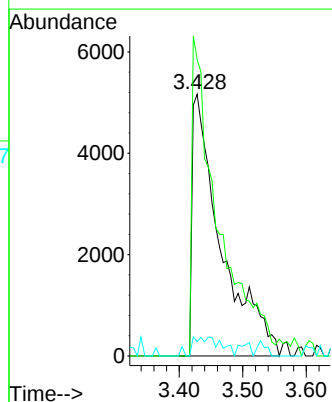
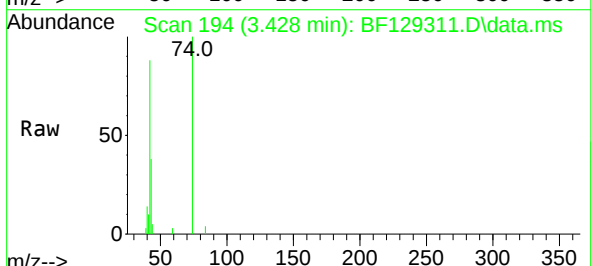
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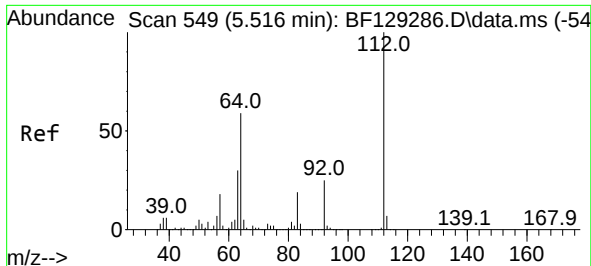
Reviewed By :Christian Giraldo 07/25/2022
Supervised By :Jagrut Upadhyay 07/25/2022



#4
n-Nitrosodimethylamine
Concen: 3.755 ng m
RT: 3.428 min Scan# 194
Delta R.T. 0.006 min
Lab File: BF129311.D
Acq: 22 Jul 2022 12:35

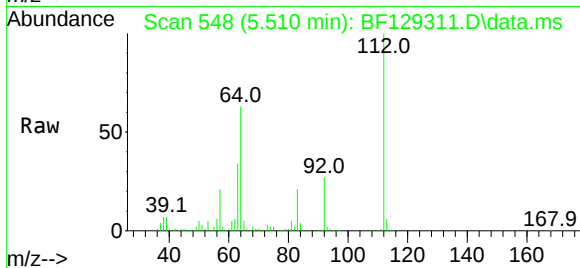
Tgt Ion: 42 Resp: 16228
Ion Ratio Lower Upper
42 100
74 113.1 94.8 142.2
44 5.5 6.6 10.0#





#5
2-Fluorophenol
Concen: 110.874 ng
RT: 5.510 min Scan# 549
Delta R.T. -0.006 min
Lab File: BF129311.D
Acq: 22 Jul 2022 12:35

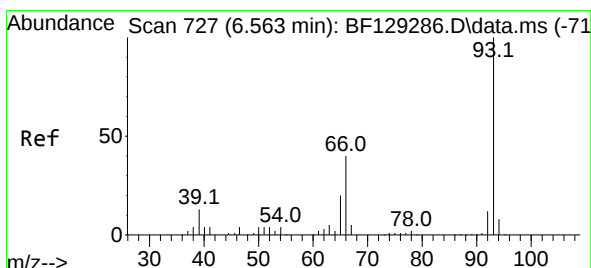
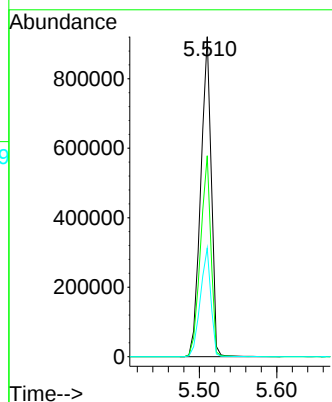
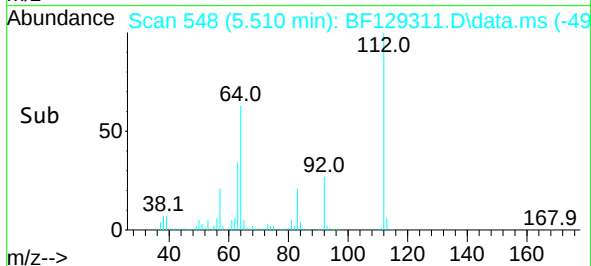
Instrument : BNA_F
ClientSampleId : MDL-WATER-03-QT2-2022



Tgt Ion:112 Resp: 871633
Ion Ratio Lower Upper
112 100
64 62.8 53.3 79.9
63 33.9 28.0 42.0

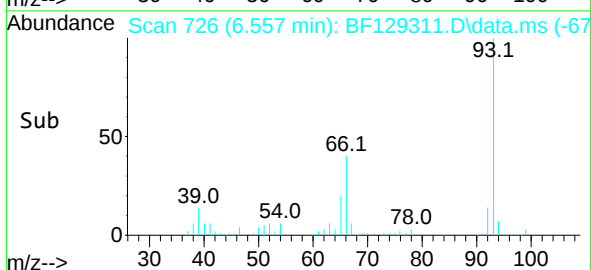
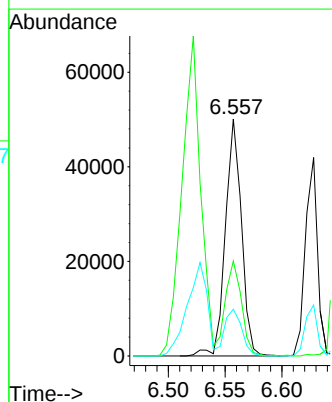
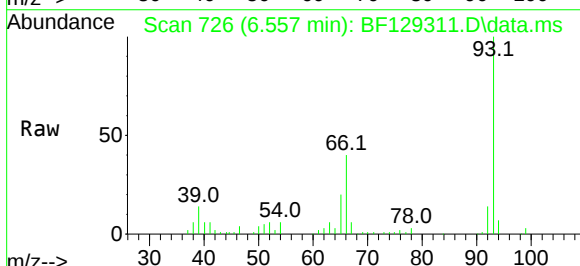
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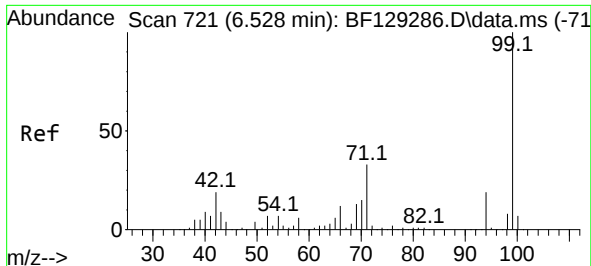
Reviewed By :Christian Giraldo 07/25/2022
Supervised By :Jagrut Upadhyay 07/25/2022



#6
Aniline
Concen: 4.000 ng
RT: 6.557 min Scan# 726
Delta R.T. -0.006 min
Lab File: BF129311.D
Acq: 22 Jul 2022 12:35

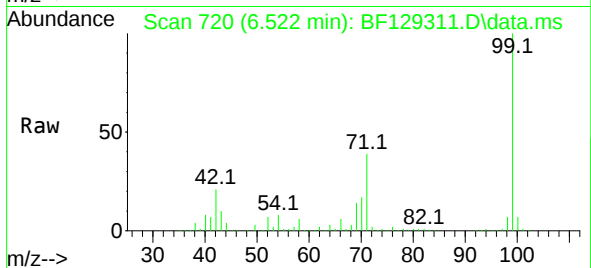
Tgt Ion: 93 Resp: 49322
Ion Ratio Lower Upper
93 100
66 40.1 32.5 48.7
65 19.7 16.4 24.6





#7
Phenol-d6
Concen: 114.427 ng
RT: 6.522 min Scan# 71
Delta R.T. -0.006 min
Lab File: BF129311.D
Acq: 22 Jul 2022 12:35

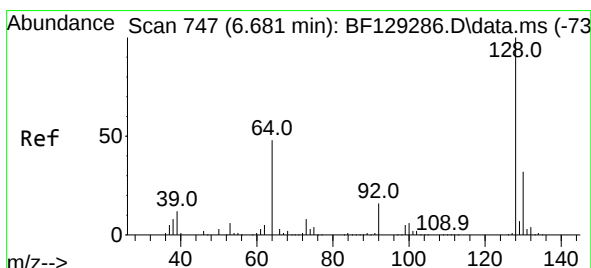
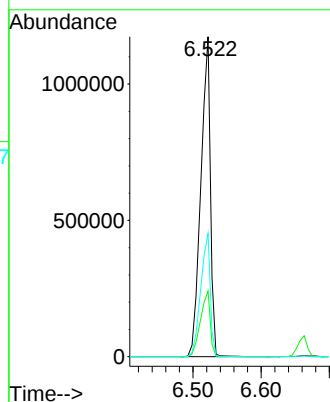
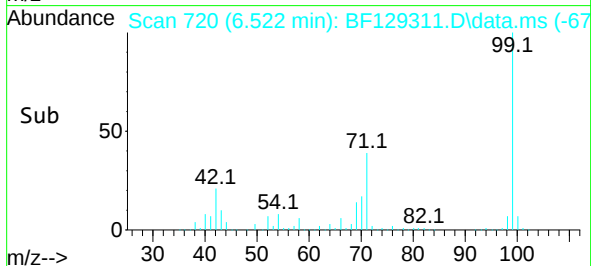
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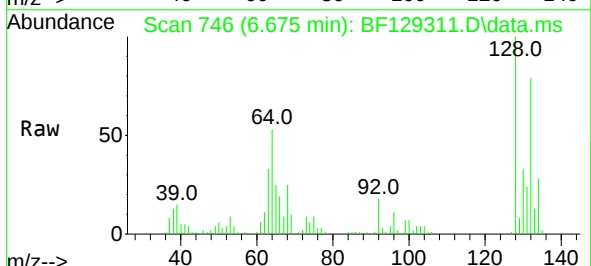
Tgt Ion: 99 Resp: 1146734
Ion Ratio Lower Upper
99 100
42 20.5 17.3 25.9
71 38.5 28.9 43.3

Manual Integrations
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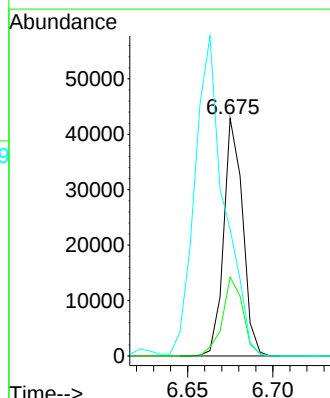
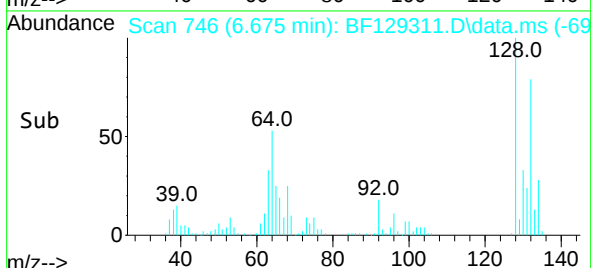
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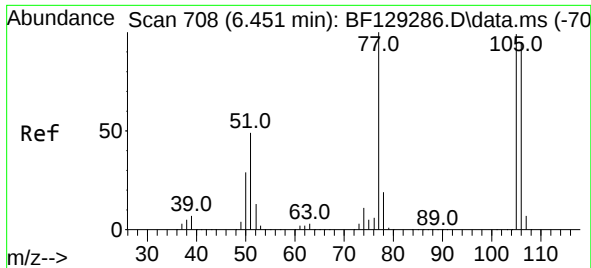


#8
2-Chlorophenol
Concen: 3.841 ng
RT: 6.675 min Scan# 746
Delta R.T. -0.006 min
Lab File: BF129311.D
Acq: 22 Jul 2022 12:35



Tgt Ion:128 Resp: 33106
Ion Ratio Lower Upper
128 100
130 33.2 13.1 53.1
64 53.4 30.9 70.9





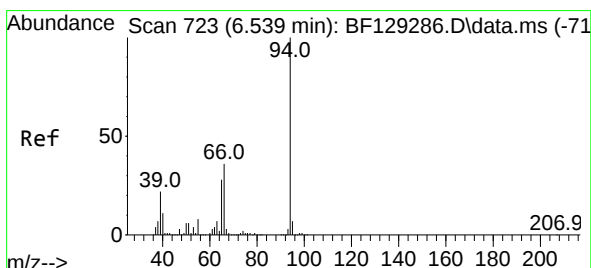
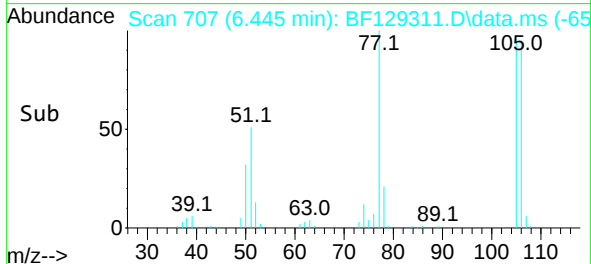
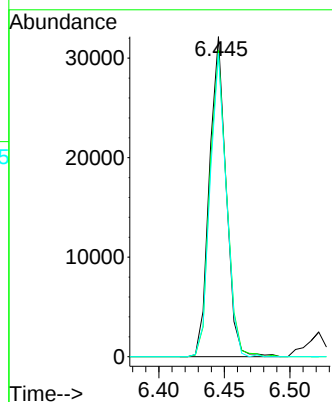
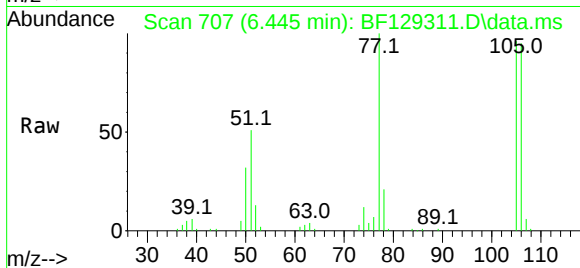
#9
Benzaldehyde
Concen: 4.139 ng
RT: 6.445 min Scan# 708
Delta R.T. -0.006 min
Lab File: BF129311.D
Acq: 22 Jul 2022 12:35

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

Tgt Ion: 77 Resp: 2845
Ion Ratio Lower Upper
77 100
105 95.9 81.6 121.6
106 94.9 76.1 116.1

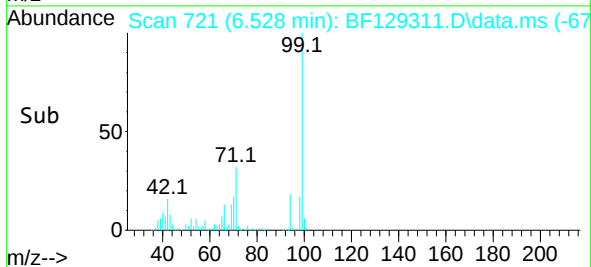
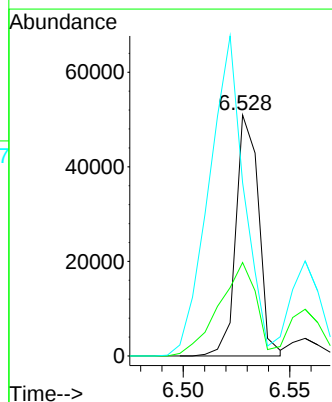
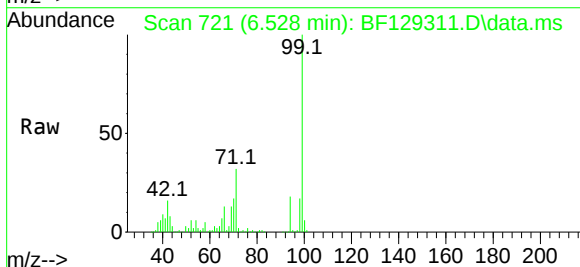
Manual Integrations
APPROVED

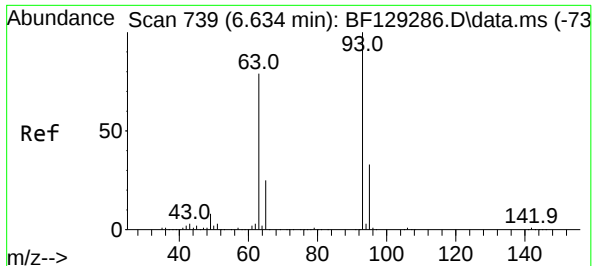
Reviewed By :Christian Giraldo 07/25/2022
Supervised By :Jagrut Upadhyay 07/25/2022



#10
Phenol
Concen: 3.605 ng
RT: 6.528 min Scan# 721
Delta R.T. -0.012 min
Lab File: BF129311.D
Acq: 22 Jul 2022 12:35

Tgt Ion: 94 Resp: 37969
Ion Ratio Lower Upper
94 100
65 38.8 11.4 51.4
66 71.9 21.4 61.4#





#11

bis(2-Chloroethyl)ether

Concen: 3.733 ng

RT: 6.628 min Scan# 711

Delta R.T. -0.006 min

Lab File: BF129311.D

Acq: 22 Jul 2022 12:35

Instrument :

BNA_F

ClientSampleId :

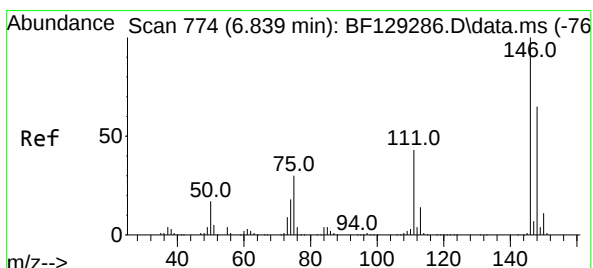
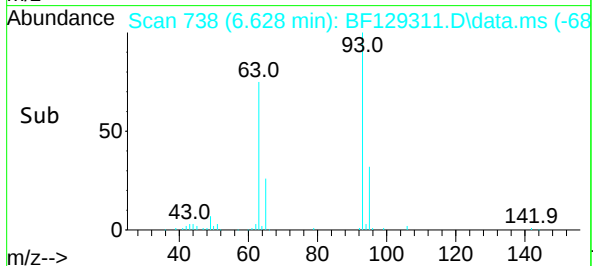
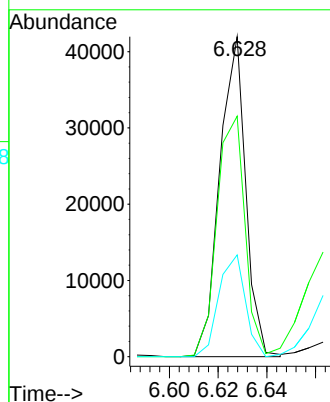
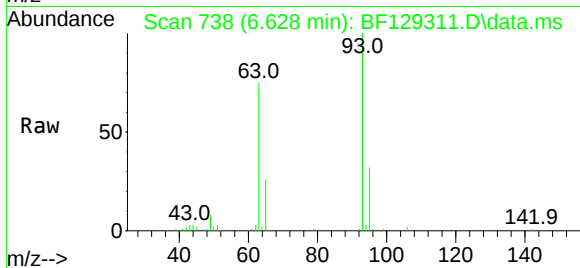
MDL-WATER-03-QT2-2022

Tgt Ion: 93 Resp: 31120

Ion	Ratio	Lower	Upper
93	100		
63	75.1	67.4	107.4
95	31.8	12.7	52.7

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



#12

1,3-Dichlorobenzene

Concen: 3.845 ng

RT: 6.834 min Scan# 773

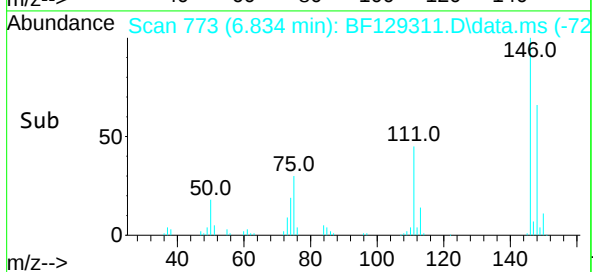
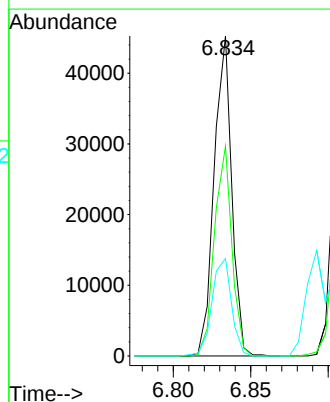
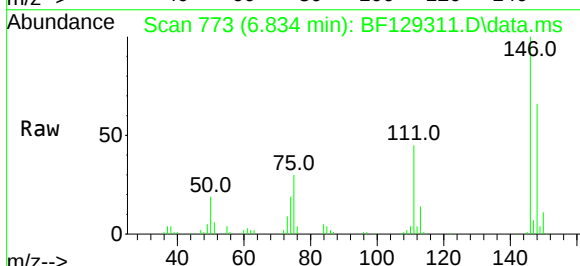
Delta R.T. -0.006 min

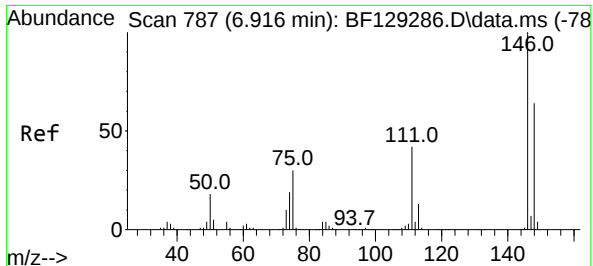
Lab File: BF129311.D

Acq: 22 Jul 2022 12:35

Tgt Ion:146 Resp: 35714

Ion	Ratio	Lower	Upper
146	100		
148	65.6	50.6	75.8
75	30.5	26.3	39.5





#13

1,4-Dichlorobenzene

Concen: 3.870 ng

RT: 6.910 min Scan# 787

Delta R.T. -0.006 min

Lab File: BF129311.D

Acq: 22 Jul 2022 12:35

Instrument :

BNA_F

ClientSampleId :

MDL-WATER-03-QT2-2022

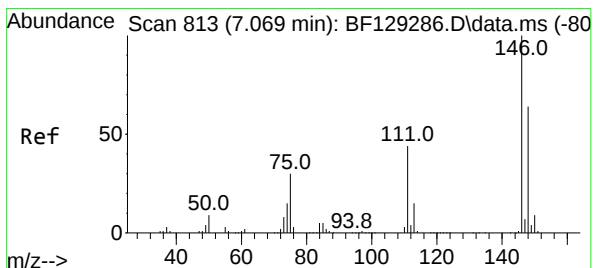
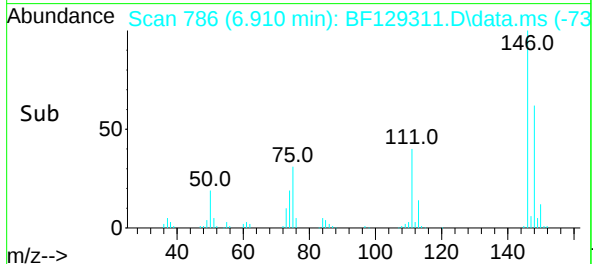
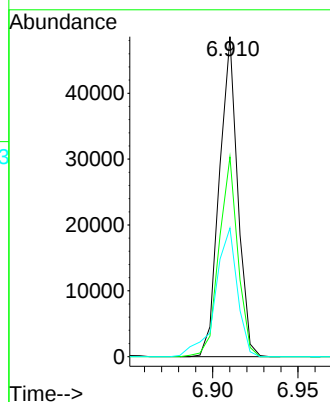
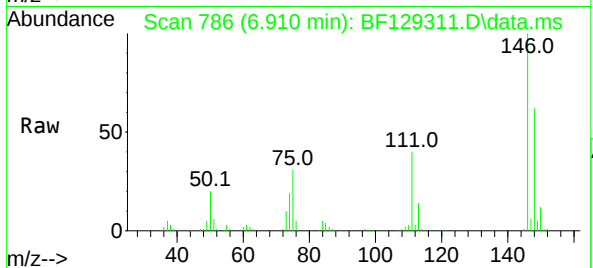
Tgt Ion:146 Resp: 3637

Ion	Ratio	Lower	Upper
146	100		
148	62.4	51.1	76.7
111	40.2	34.2	51.4

Manual Integrations

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



#14

1,2-Dichlorobenzene

Concen: 3.993 ng

RT: 7.063 min Scan# 812

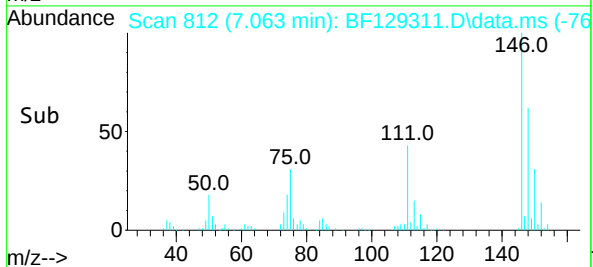
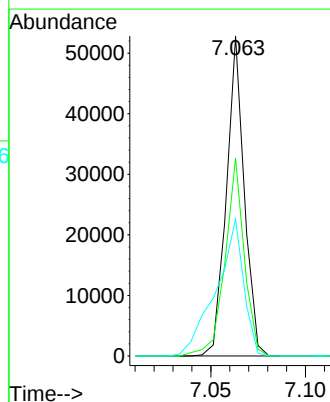
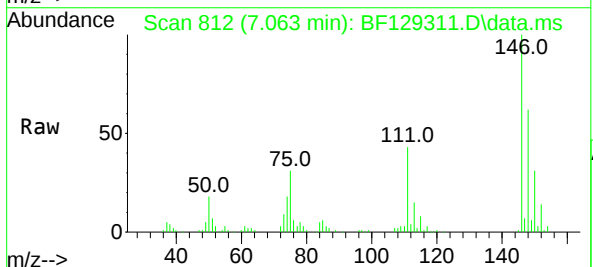
Delta R.T. -0.006 min

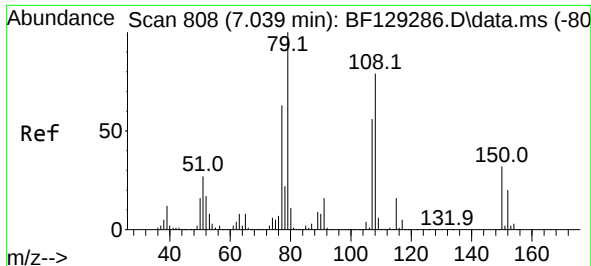
Lab File: BF129311.D

Acq: 22 Jul 2022 12:35

Tgt Ion:146 Resp: 34677

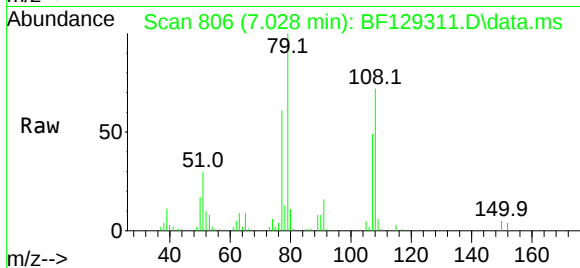
Ion	Ratio	Lower	Upper
146	100		
148	61.8	51.8	77.8
111	42.8	35.1	52.7





#15
Benzyl Alcohol
Concen: 5.269 ng m
RT: 7.028 min Scan# 808
Delta R.T. -0.012 min
Lab File: BF129311.D
Acq: 22 Jul 2022 12:35

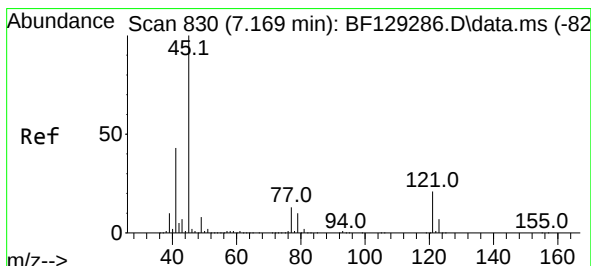
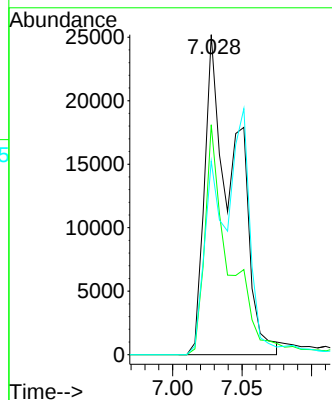
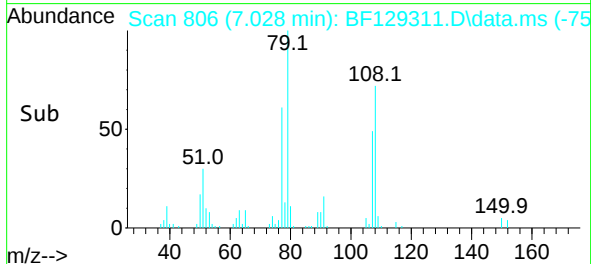
Instrument :
BNA_F
ClientSampleId :
MDL-WATER-03-QT2-2022



Tgt Ion: 79 Resp: 3831
Ion Ratio Lower Upper
79 100
108 71.8 61.8 92.6
77 60.5 50.2 75.4

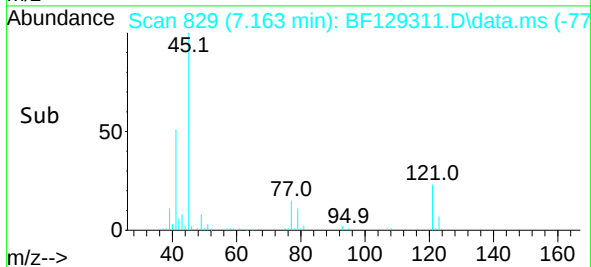
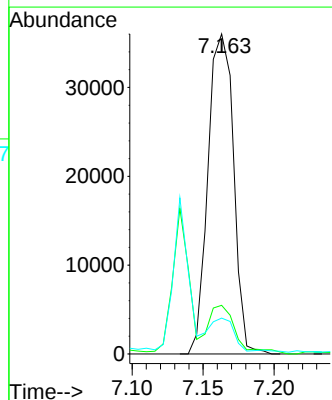
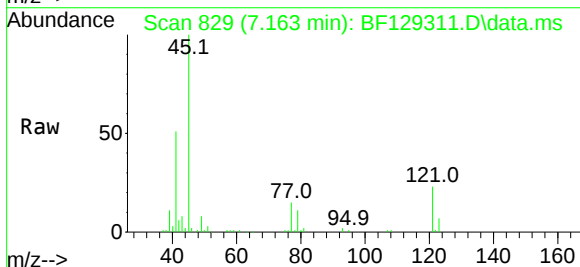
Manual Integrations
APPROVED

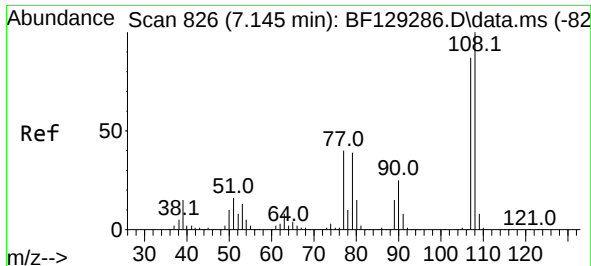
Reviewed By :Christian Giraldo 07/25/2022
Supervised By :Jagrut Upadhyay 07/25/2022



#16
2,2'-oxybis(1-Chloropropane)
Concen: 3.544 ng
RT: 7.163 min Scan# 829
Delta R.T. -0.006 min
Lab File: BF129311.D
Acq: 22 Jul 2022 12:35

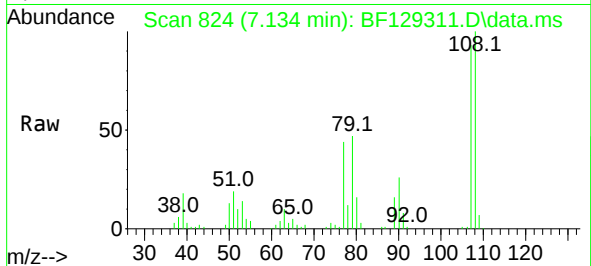
Tgt Ion: 45 Resp: 45050
Ion Ratio Lower Upper
45 100
77 15.2 0.0 31.3
79 11.2 0.0 28.3





#17
2-Methylphenol
Concen: 3.723 ng
RT: 7.134 min Scan# 81
Delta R.T. -0.012 min
Lab File: BF129311.D
Acq: 22 Jul 2022 12:35

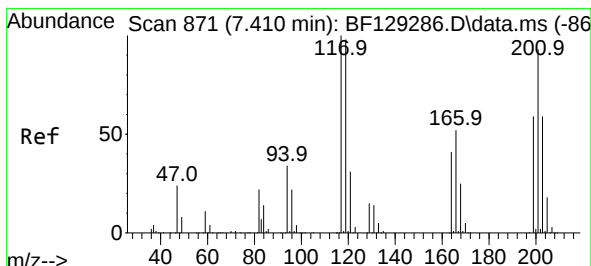
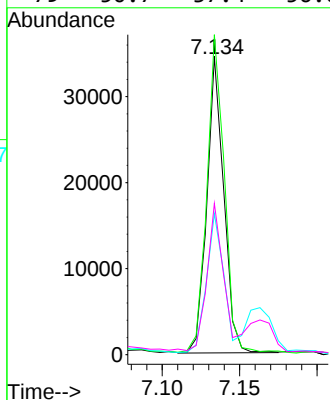
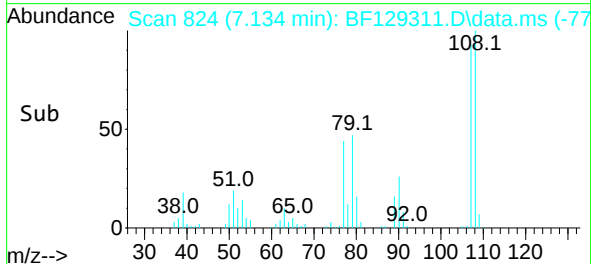
Instrument : BNA_F
ClientSampleId : MDL-WATER-03-QT2-2022



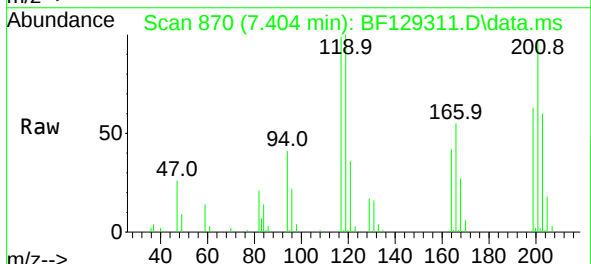
Tgt Ion:107 Resp: 26150
Ion Ratio Lower Upper
107 100
108 107.3 91.9 137.9
77 47.3 37.8 56.8
79 50.7 37.4 56.0

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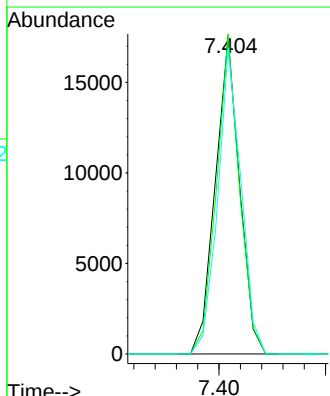
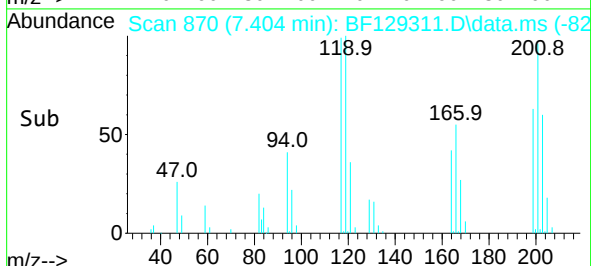
Reviewed By :Christian Giraldo 07/25/2022
Supervised By :Jagrut Upadhyay 07/25/2022

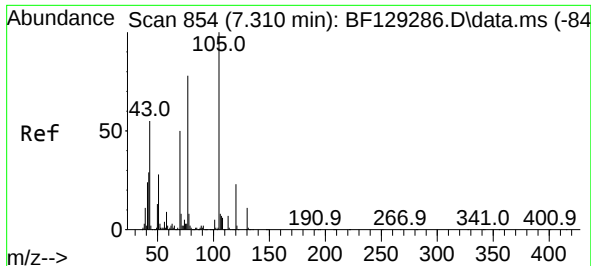


#18
Hexachloroethane
Concen: 3.906 ng
RT: 7.404 min Scan# 870
Delta R.T. -0.006 min
Lab File: BF129311.D
Acq: 22 Jul 2022 12:35



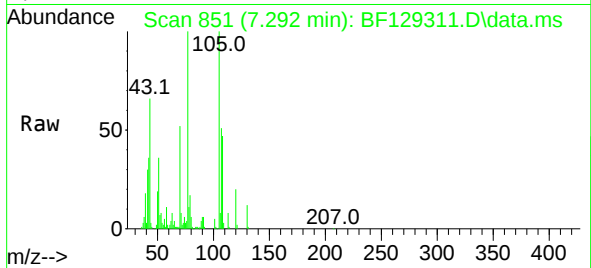
Tgt Ion:117 Resp: 13773
Ion Ratio Lower Upper
117 100
119 100.7 77.4 116.2
201 96.2 84.6 127.0





#19
n-Nitroso-di-n-propylamine
Concen: 3.933 ng
RT: 7.292 min Scan# 81
Delta R.T. -0.018 min
Lab File: BF129311.D
Acq: 22 Jul 2022 12:35

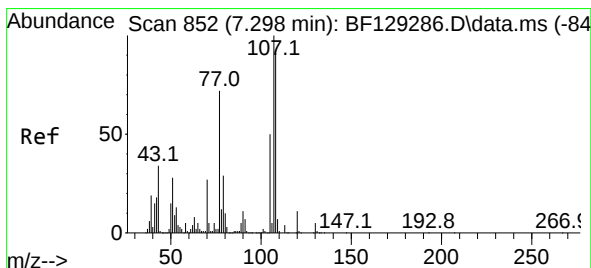
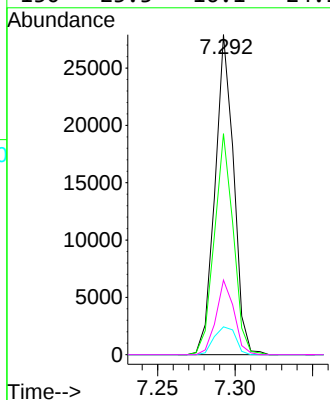
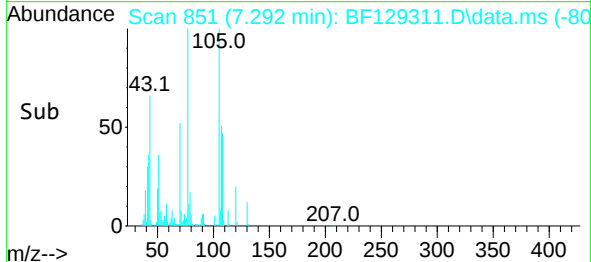
Instrument : BNA_F
ClientSampleId : MDL-WATER-03-QT2-2022



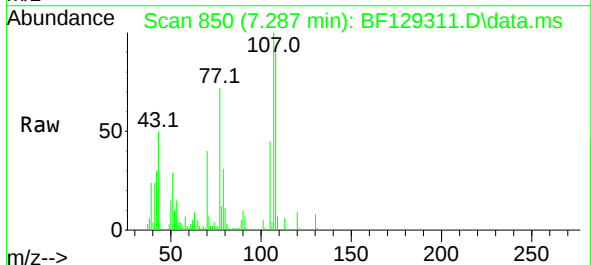
Tgt Ion: 70 Resp: 2348
Ion Ratio Lower Upper
70 100
42 69.0 52.3 78.5
101 8.7 7.5 11.3
130 23.3 16.1 24.1

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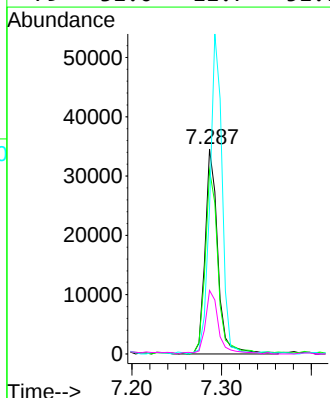
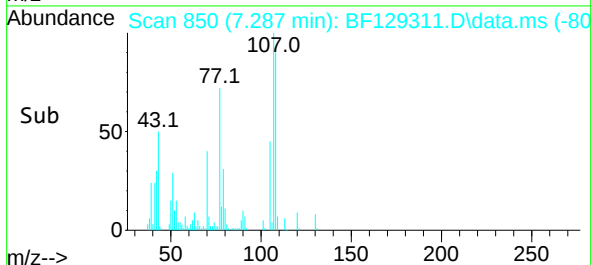
Reviewed By :Christian Giraldo 07/25/2022
Supervised By :Jagrut Upadhyay 07/25/2022

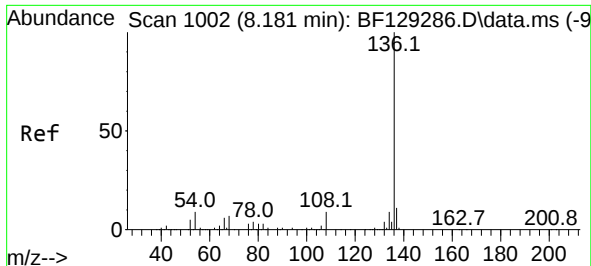


#20
3+4-Methylphenols
Concen: 3.711 ng
RT: 7.287 min Scan# 850
Delta R.T. -0.012 min
Lab File: BF129311.D
Acq: 22 Jul 2022 12:35



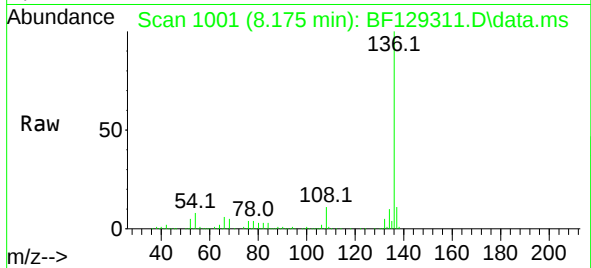
Tgt Ion:107 Resp: 33990
Ion Ratio Lower Upper
107 100
108 89.7 71.8 111.8
77 71.6 59.3 99.3
79 31.0 11.7 51.7





#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.175 min Scan# 1001
Delta R.T. -0.006 min
Lab File: BF129311.D
Acq: 22 Jul 2022 12:35

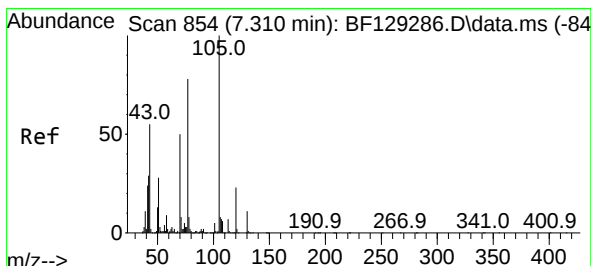
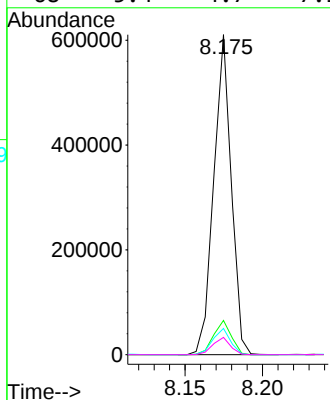
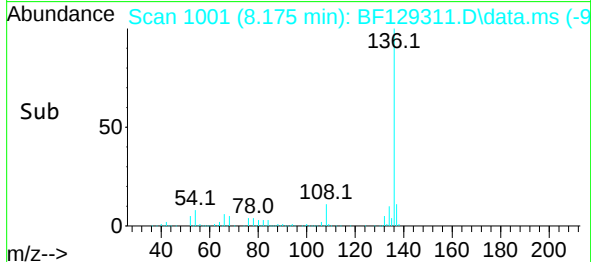
Instrument :
BNA_F
ClientSampleId :
MDL-WATER-03-QT2-2022



Tgt Ion:136 Resp: 479931
Ion Ratio Lower Upper
136 100
137 10.7 8.8 13.2
54 8.2 7.5 11.3
68 5.4 4.7 7.1

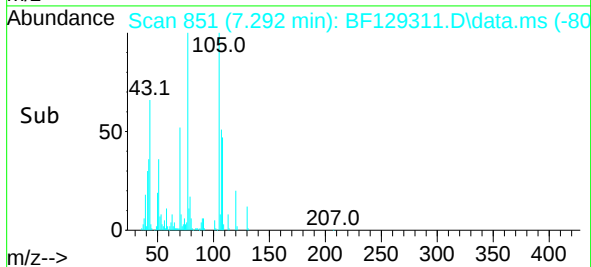
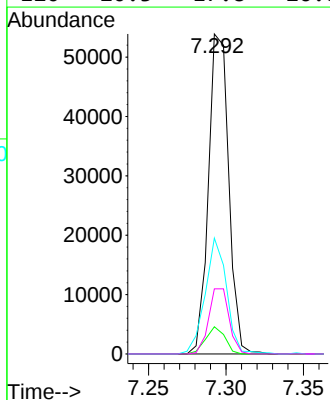
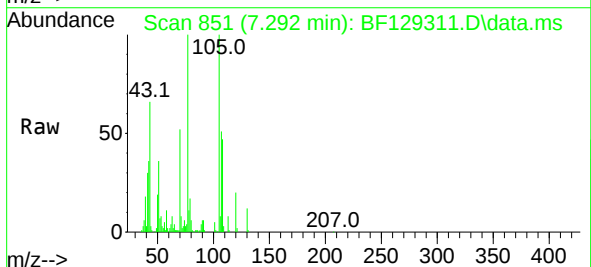
Manual Integrations
APPROVED

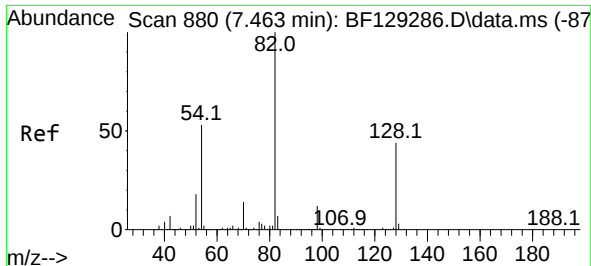
Reviewed By :Christian Giraldo 07/25/2022
Supervised By :Jagrut Upadhyay 07/25/2022



#22
Acetophenone
Concen: 4.358 ng
RT: 7.292 min Scan# 851
Delta R.T. -0.018 min
Lab File: BF129311.D
Acq: 22 Jul 2022 12:35

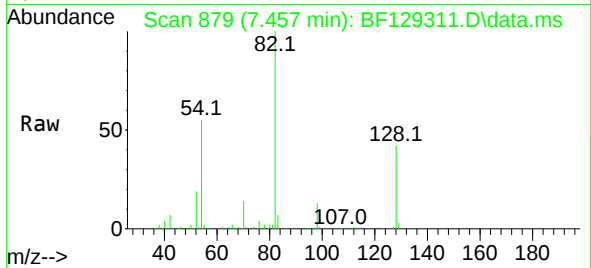
Tgt Ion:105 Resp: 49115
Ion Ratio Lower Upper
105 100
71 8.5 5.0 7.4#
51 36.2 25.0 37.4
120 20.3 17.8 26.8





#23
Nitrobenzene-d5
Concen: 92.496 ng
RT: 7.457 min Scan# 81
Delta R.T. -0.006 min
Lab File: BF129311.D
Acq: 22 Jul 2022 12:35

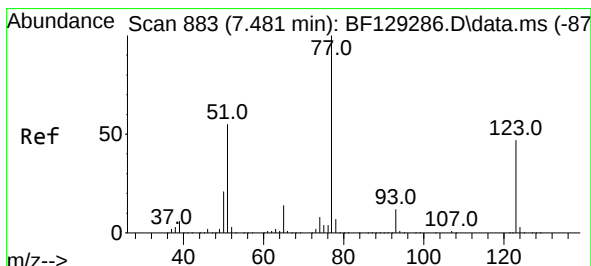
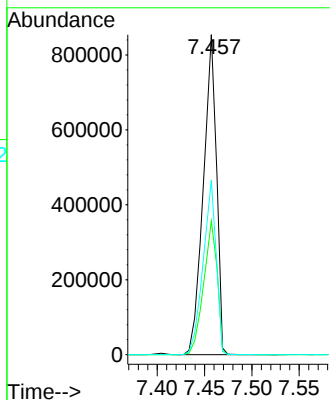
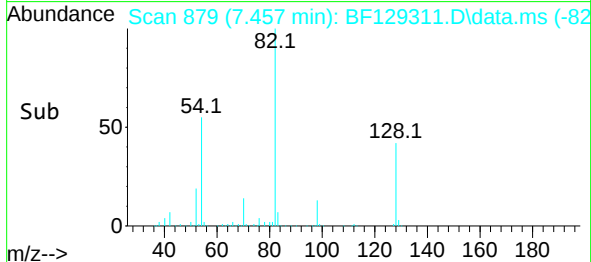
Instrument :
BNA_F
ClientSampleId :
MDL-WATER-03-QT2-2022



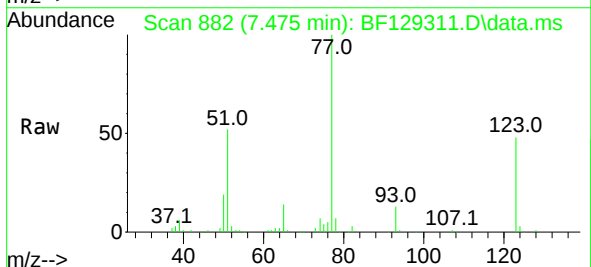
Tgt Ion: 82 Resp: 825130
Ion Ratio Lower Upper
82 100
128 41.8 34.0 51.0
54 54.5 46.9 70.3

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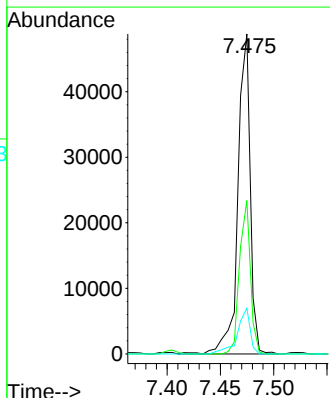
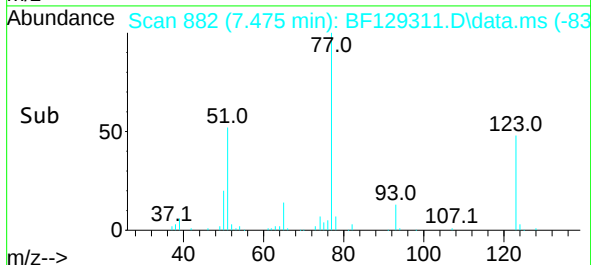
Reviewed By :Christian Giraldo 07/25/2022
Supervised By :Jagrut Upadhyay 07/25/2022

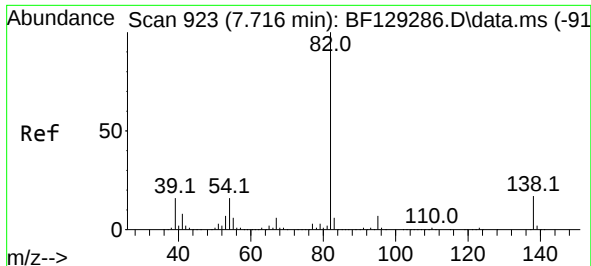


#24
Nitrobenzene
Concen: 4.299 ng
RT: 7.475 min Scan# 882
Delta R.T. -0.006 min
Lab File: BF129311.D
Acq: 22 Jul 2022 12:35



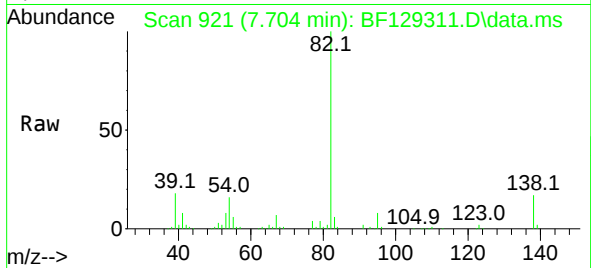
Tgt Ion: 77 Resp: 39503
Ion Ratio Lower Upper
77 100
123 48.0 35.4 53.2
65 14.3 11.8 17.8





#25
Isophorone
Concen: 4.123 ng
RT: 7.704 min Scan# 911
Delta R.T. -0.012 min
Lab File: BF129311.D
Acq: 22 Jul 2022 12:35

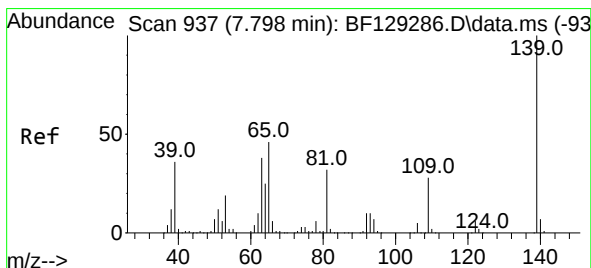
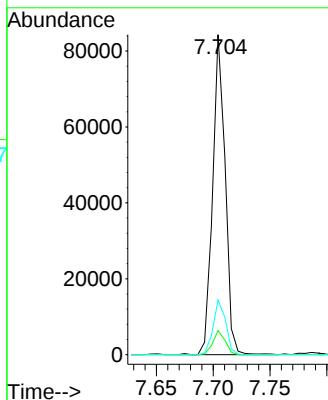
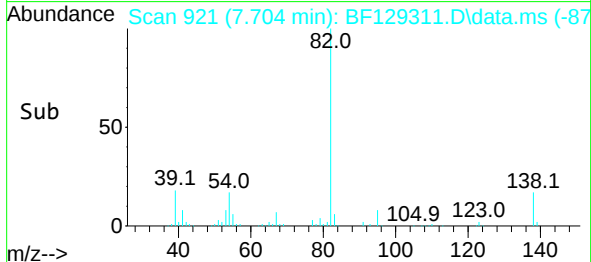
Instrument : BNA_F
ClientSampleId : MDL-WATER-03-QT2-2022



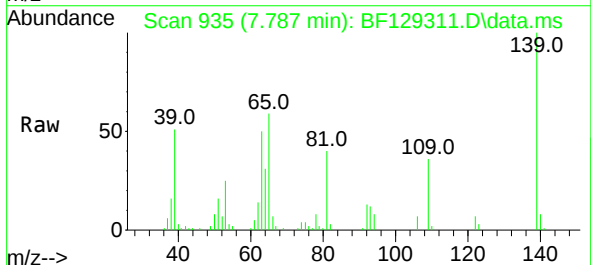
Tgt Ion: 82 Resp: 64579
Ion Ratio Lower Upper
82 100
95 7.6 5.7 8.5
138 17.0 14.2 21.2

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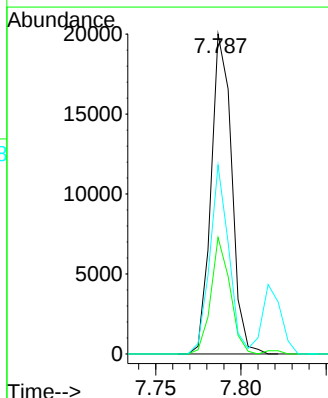
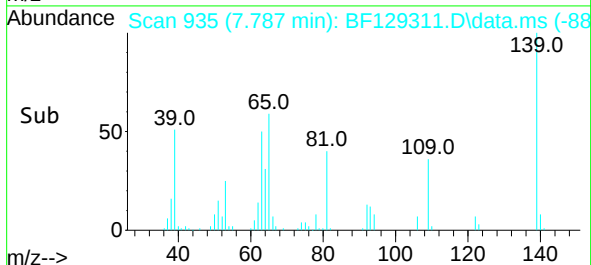
Reviewed By :Christian Giraldo 07/25/2022
Supervised By :Jagrut Upadhyay 07/25/2022

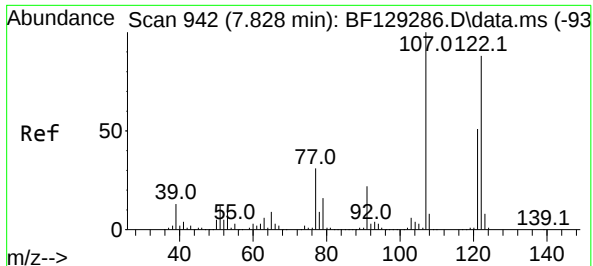


#26
2-Nitrophenol
Concen: 3.800 ng
RT: 7.787 min Scan# 935
Delta R.T. -0.012 min
Lab File: BF129311.D
Acq: 22 Jul 2022 12:35



Tgt Ion:139 Resp: 16846
Ion Ratio Lower Upper
139 100
109 36.4 25.0 37.4
65 59.0 45.1 67.7





#27

2,4-Dimethylphenol

Concen: 4.417 ng m

RT: 7.822 min Scan# 94

Delta R.T. -0.006 min

Lab File: BF129311.D

Acq: 22 Jul 2022 12:35

Instrument :

BNA_F

ClientSampleId :

MDL-WATER-03-QT2-2022

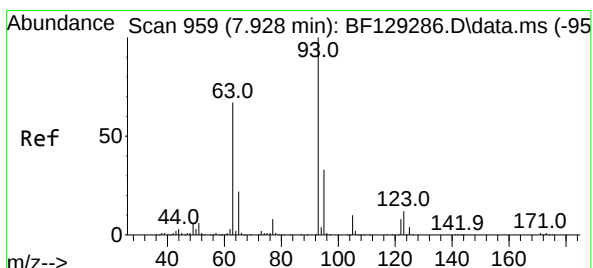
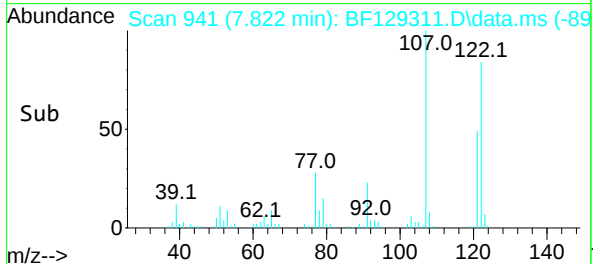
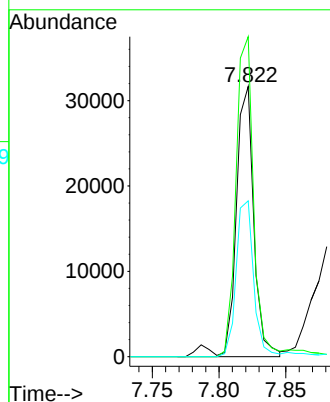
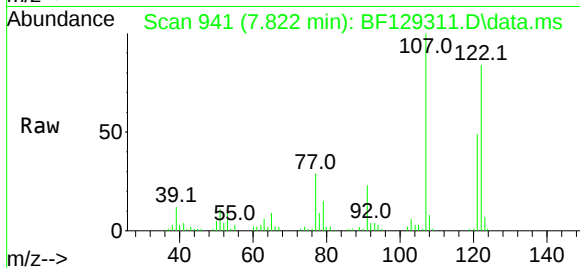
Tgt Ion:122 Resp: 29450

Ion	Ratio	Lower	Upper
122	100		
107	118.4	93.0	139.6
121	57.7	46.6	70.0

Manual Integrations

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



#28

bis(2-Chloroethoxy)methane

Concen: 4.268 ng

RT: 7.916 min Scan# 957

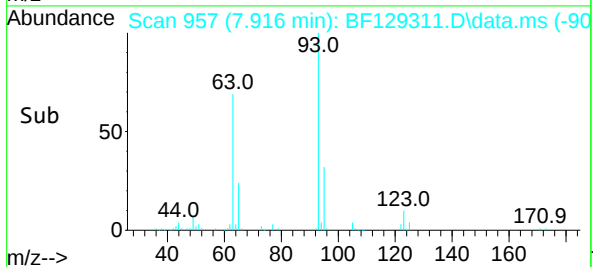
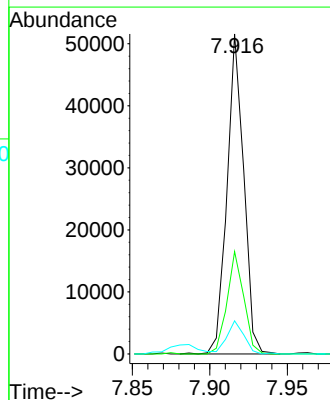
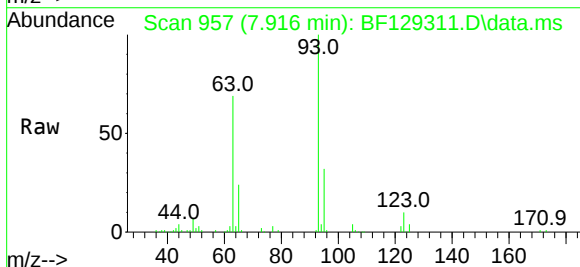
Delta R.T. -0.012 min

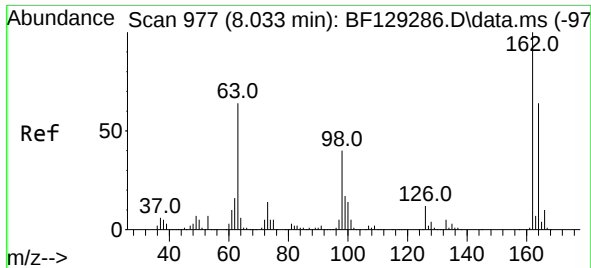
Lab File: BF129311.D

Acq: 22 Jul 2022 12:35

Tgt Ion: 93 Resp: 38722

Ion	Ratio	Lower	Upper
93	100		
95	32.0	26.8	40.2
123	10.4	9.2	13.8





#29

2,4-Dichlorophenol

Concen: 3.899 ng

RT: 8.028 min Scan# 91

Delta R.T. -0.006 min

Lab File: BF129311.D

Acq: 22 Jul 2022 12:35

Instrument :

BNA_F

ClientSampleId :

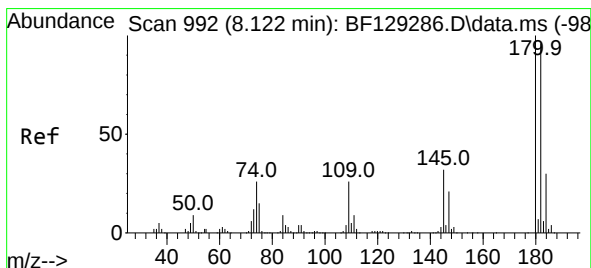
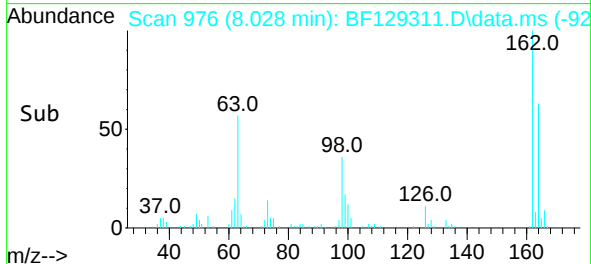
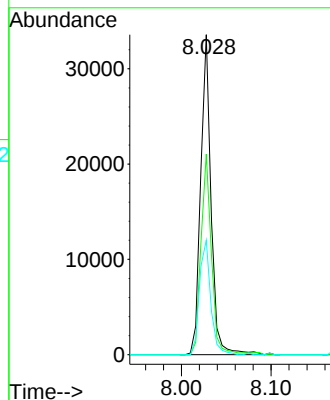
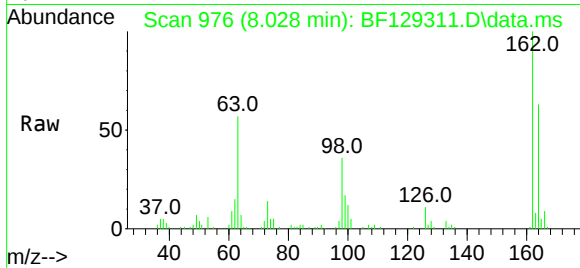
MDL-WATER-03-QT2-2022

Tgt Ion:162 Resp: 2704
 Ion Ratio Lower Upper
 162 100
 164 62.7 44.2 84.2
 98 35.7 19.6 59.6

Manual Integrations

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 Supervised By :Jagrut Upadhyay 07/25/2022



#30

1,2,4-Trichlorobenzene

Concen: 4.009 ng

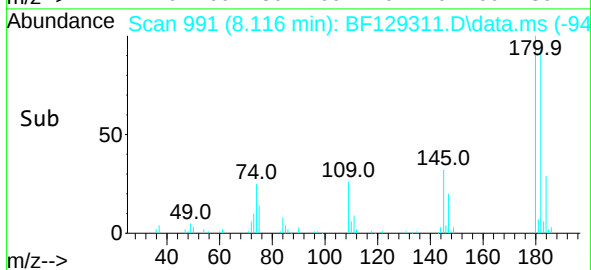
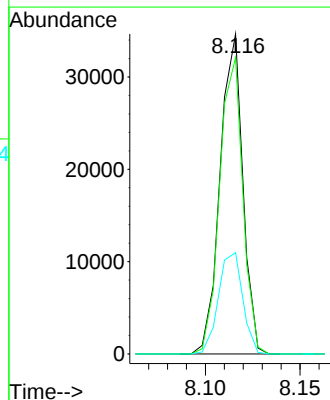
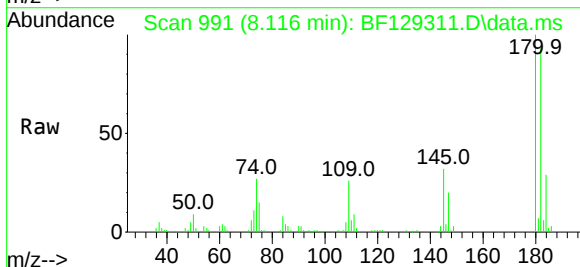
RT: 8.116 min Scan# 991

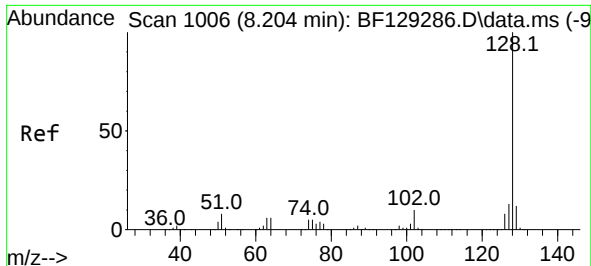
Delta R.T. -0.006 min

Lab File: BF129311.D

Acq: 22 Jul 2022 12:35

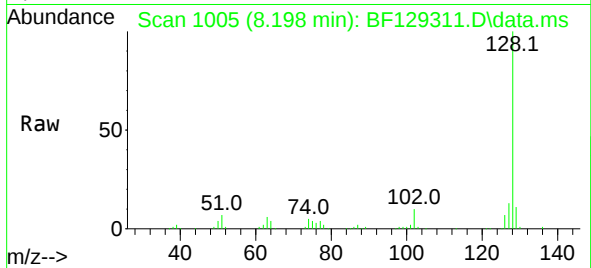
Tgt Ion:180 Resp: 28903
 Ion Ratio Lower Upper
 180 100
 182 92.6 79.2 118.8
 145 31.6 26.2 39.2





#31
Naphthalene
Concen: 4.095 ng
RT: 8.198 min Scan# 1006
Delta R.T. -0.006 min
Lab File: BF129311.D
Acq: 22 Jul 2022 12:35

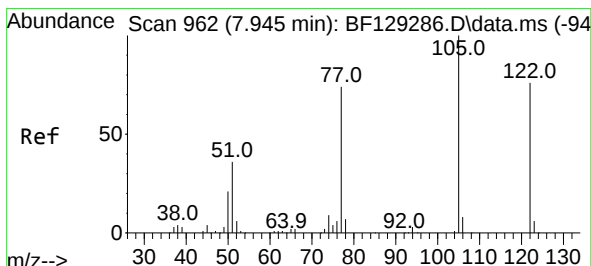
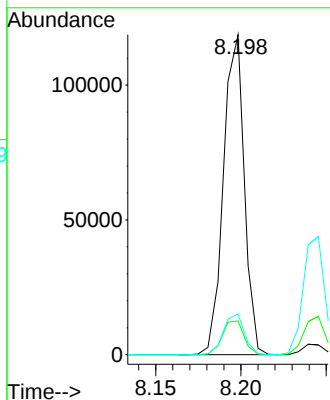
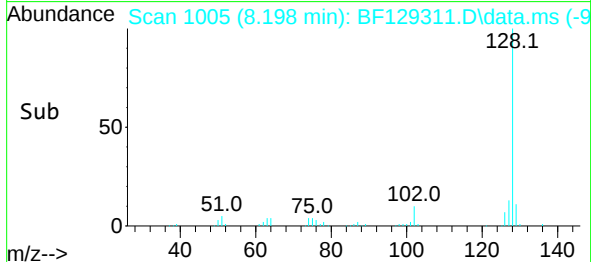
Instrument :
BNA_F
ClientSampleId :
MDL-WATER-03-QT2-2022



Tgt Ion:128 Resp: 10080
Ion Ratio Lower Upper
128 100
129 10.5 9.2 13.8
127 12.8 10.5 15.7

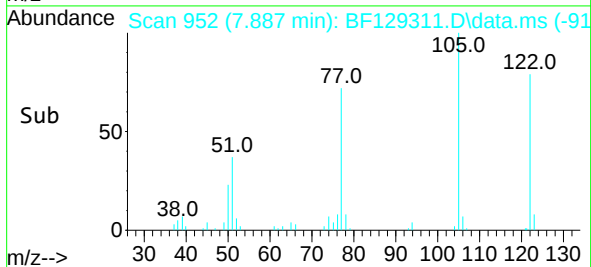
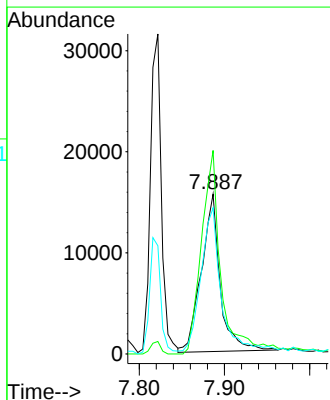
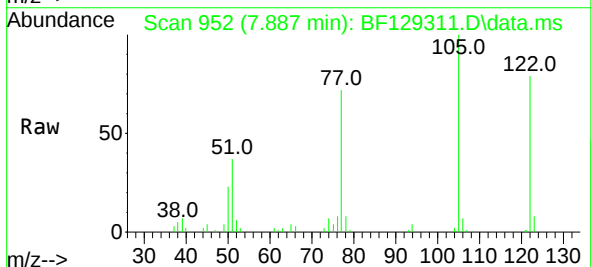
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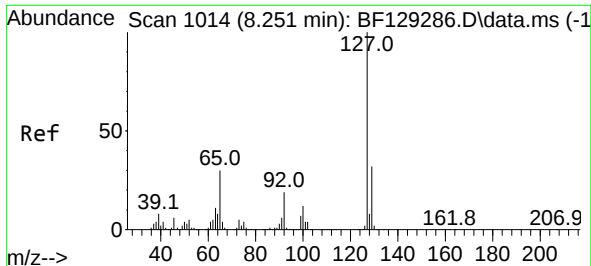
Reviewed By :Christian Giraldo 07/25/2022
Supervised By :Jagrut Upadhyay 07/25/2022



#32
Benzoic acid
Concen: 4.926 ng
RT: 7.887 min Scan# 952
Delta R.T. -0.059 min
Lab File: BF129311.D
Acq: 22 Jul 2022 12:35

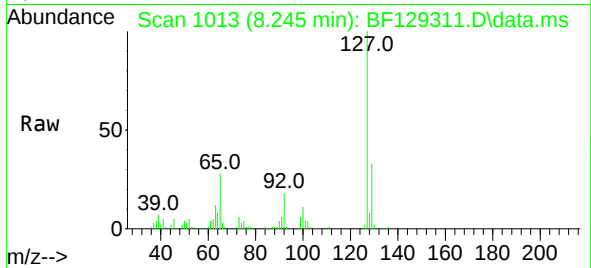
Tgt Ion:122 Resp: 24016
Ion Ratio Lower Upper
122 100
105 127.3 107.1 147.1
77 91.5 74.2 114.2





#33
4-Chloroaniline
Concen: 3.983 ng
RT: 8.245 min Scan# 1013
Delta R.T. -0.006 min
Lab File: BF129311.D
Acq: 22 Jul 2022 12:35

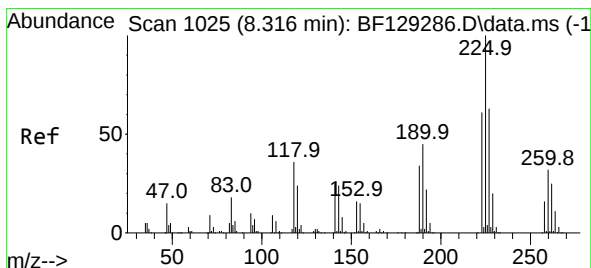
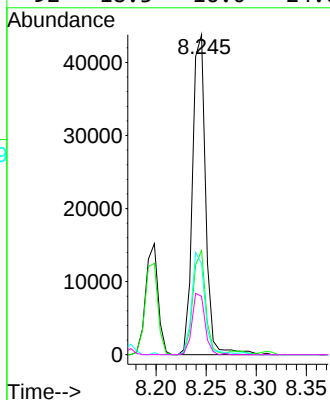
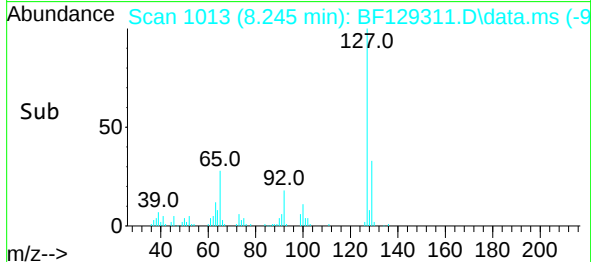
Instrument :
BNA_F
ClientSampleId :
MDL-WATER-03-QT2-2022



Tgt Ion:127 Resp: 39989
Ion Ratio Lower Upper
127 100
129 32.5 26.4 39.6
65 28.3 26.4 39.6
92 18.3 16.0 24.0

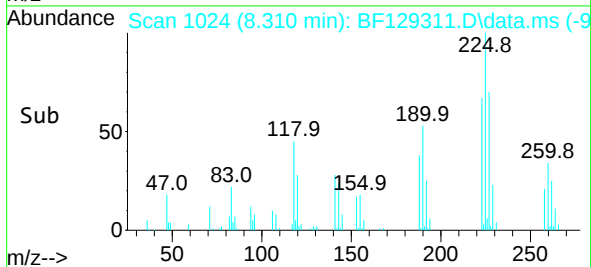
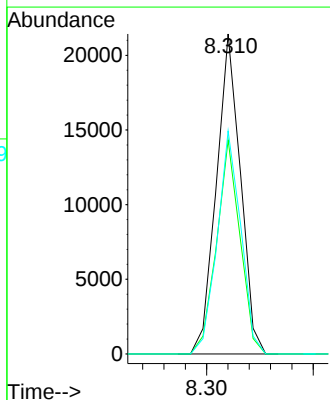
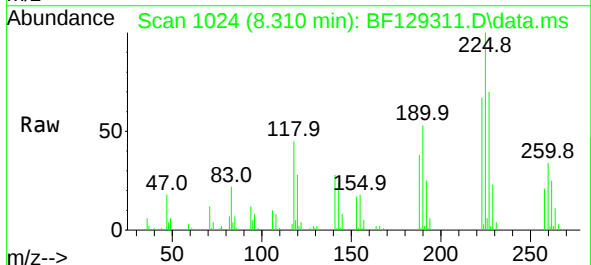
Manual Integrations
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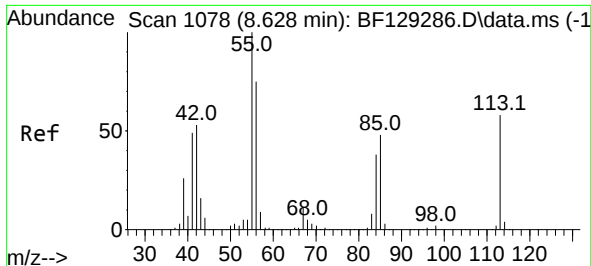
Reviewed By :Christian Giraldo 07/25/2022
Supervised By :Jagrut Upadhyay 07/25/2022



#34
Hexachlorobutadiene
Concen: 4.074 ng
RT: 8.310 min Scan# 1024
Delta R.T. -0.006 min
Lab File: BF129311.D
Acq: 22 Jul 2022 12:35

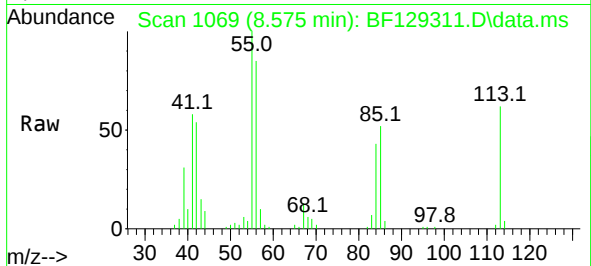
Tgt Ion:225 Resp: 16790
Ion Ratio Lower Upper
225 100
223 66.9 51.0 76.6
227 69.7 51.1 76.7





#35
 Caprolactam
 Concen: 3.752 ng
 RT: 8.575 min Scan# 1069
 Delta R.T. -0.053 min
 Lab File: BF129311.D
 Acq: 22 Jul 2022 12:35

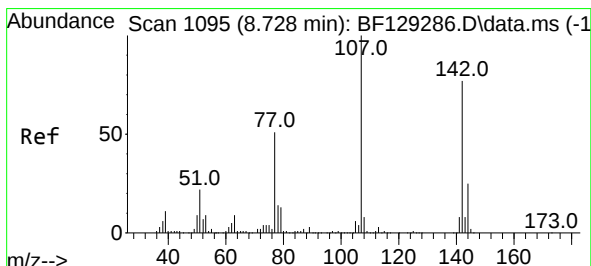
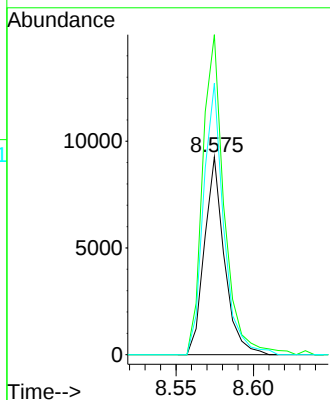
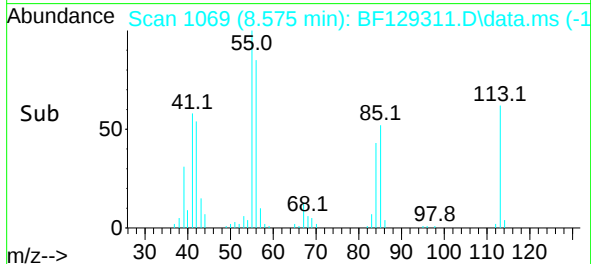
Instrument : BNA_F
 ClientSampleId : MDL-WATER-03-QT2-2022



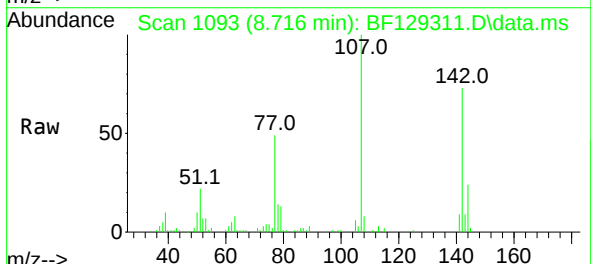
Tgt Ion:113 Resp: 8302
 Ion Ratio Lower Upper
 113 100
 55 161.8 188.5 228.5
 56 137.2 130.6 170.6

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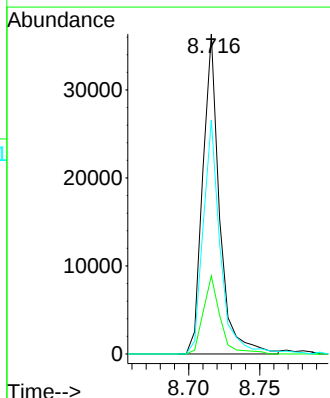
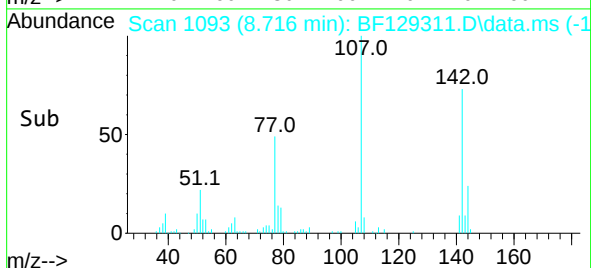
Reviewed By :Christian Giraldo 07/25/2022
 Supervised By :Jagrut Upadhyay 07/25/2022

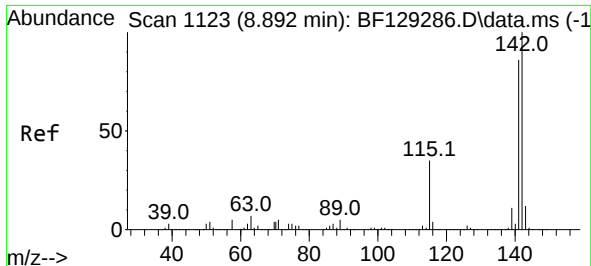


#36
 4-Chloro-3-methylphenol
 Concen: 4.075 ng
 RT: 8.716 min Scan# 1093
 Delta R.T. -0.012 min
 Lab File: BF129311.D
 Acq: 22 Jul 2022 12:35



Tgt Ion:107 Resp: 30034
 Ion Ratio Lower Upper
 107 100
 144 24.4 19.5 29.3
 142 73.1 58.2 87.4





#37

2-Methylnaphthalene

Concen: 4.084 ng

RT: 8.886 min Scan# 1122

Delta R.T. -0.006 min

Lab File: BF129311.D

Acq: 22 Jul 2022 12:35

Instrument :

BNA_F

ClientSampleId :

MDL-WATER-03-QT2-2022

Tgt Ion:142 Resp: 65144

Ion Ratio Lower Upper

142 100

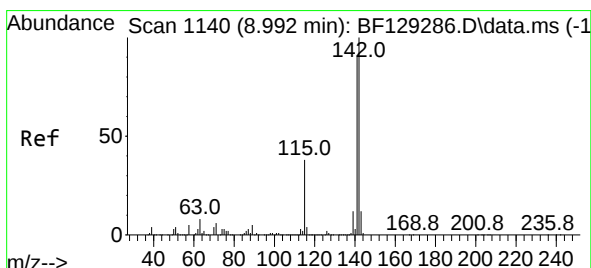
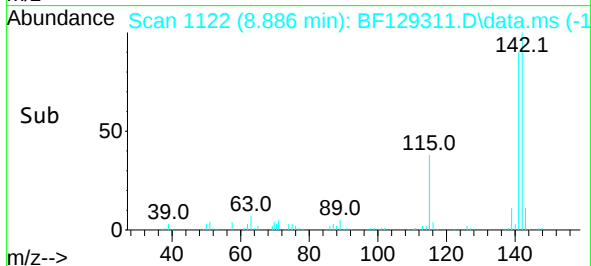
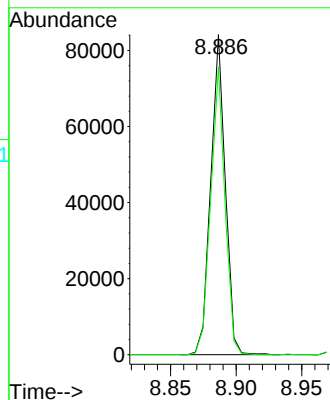
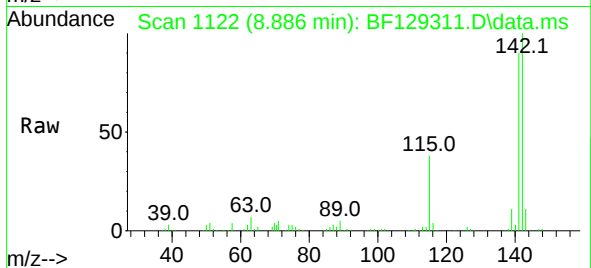
141 89.9 71.0 106.4

Manual Integrations

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Reviewed By :Christian Giraldo 07/25/2022

Supervised By :Jagrut Upadhyay 07/25/2022



#38

1-Methylnaphthalene

Concen: 4.009 ng

RT: 8.986 min Scan# 1139

Delta R.T. -0.006 min

Lab File: BF129311.D

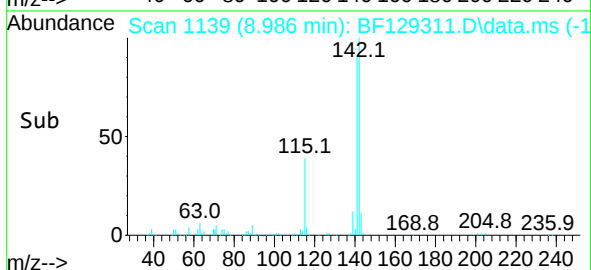
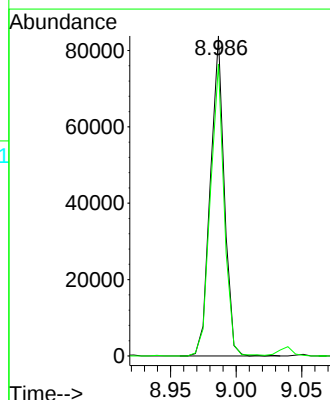
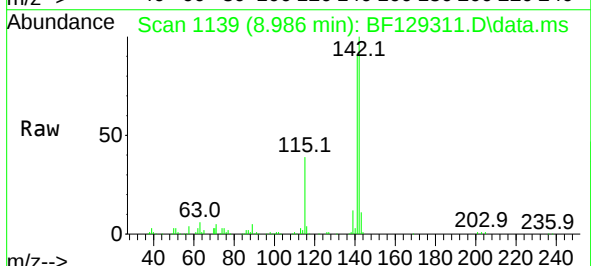
Acq: 22 Jul 2022 12:35

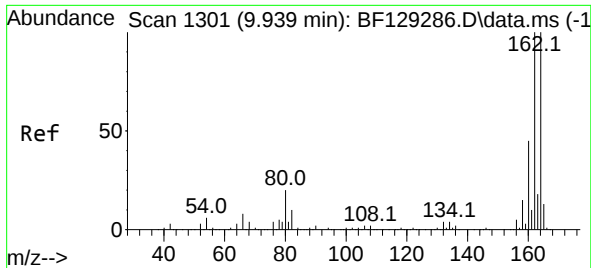
Tgt Ion:142 Resp: 61871

Ion Ratio Lower Upper

142 100

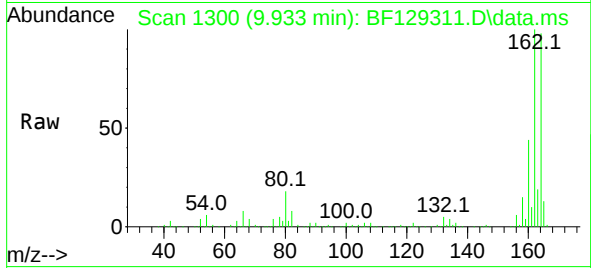
141 91.3 74.2 111.4





#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.933 min Scan# 1150
Delta R.T. -0.006 min
Lab File: BF129311.D
Acq: 22 Jul 2022 12:35

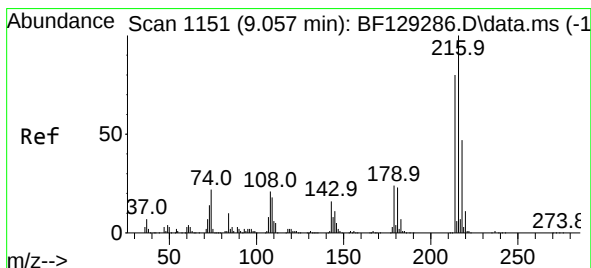
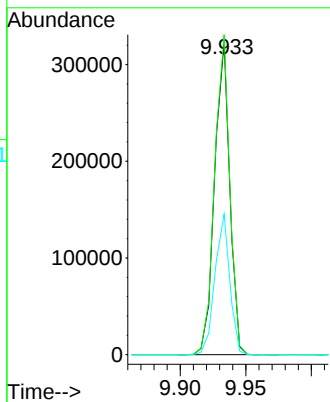
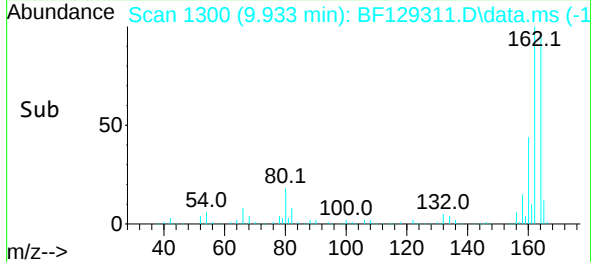
Instrument :
BNA_F
ClientSampleId :
MDL-WATER-03-QT2-2022



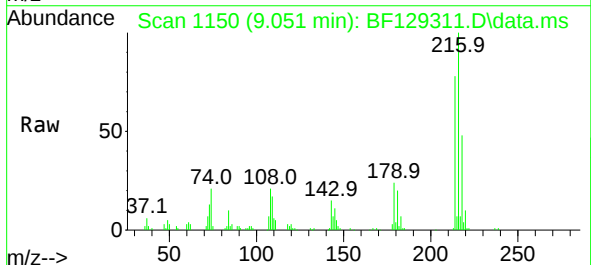
Tgt Ion:164 Resp: 259744
Ion Ratio Lower Upper
164 100
162 102.2 79.5 119.3
160 44.9 34.2 51.4

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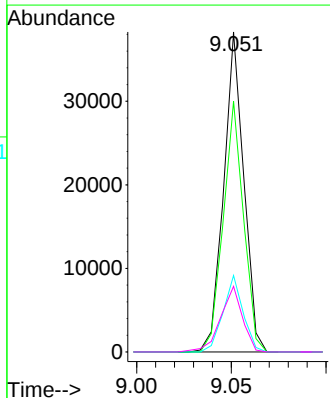
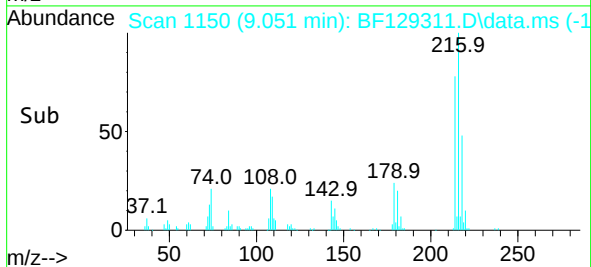
Reviewed By :Christian Giraldo 07/25/2022
Supervised By :Jagrut Upadhyay 07/25/2022

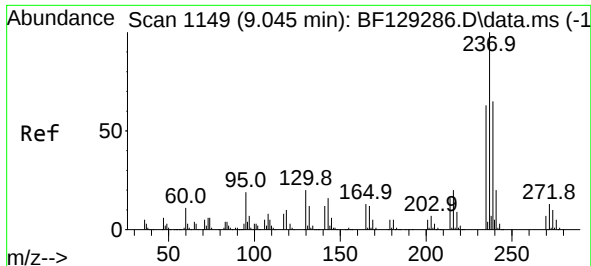


#40
1,2,4,5-Tetrachlorobenzene
Concen: 4.141 ng
RT: 9.051 min Scan# 1150
Delta R.T. -0.006 min
Lab File: BF129311.D
Acq: 22 Jul 2022 12:35



Tgt Ion:216 Resp: 28235
Ion Ratio Lower Upper
216 100
214 79.0 63.6 95.4
179 23.7 17.0 25.6
108 22.3 16.0 24.0





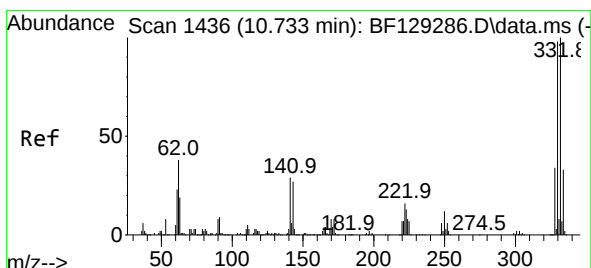
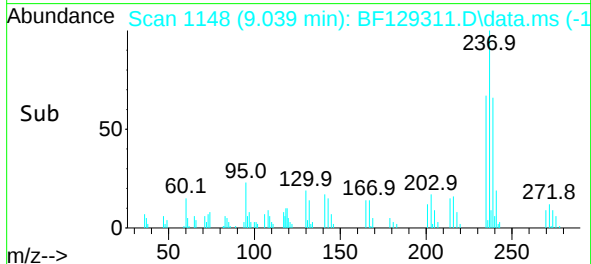
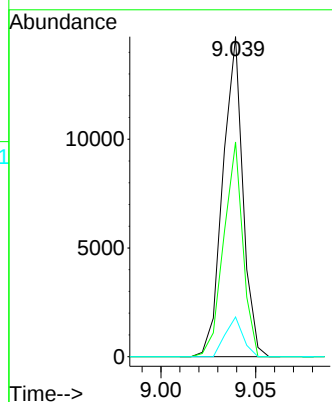
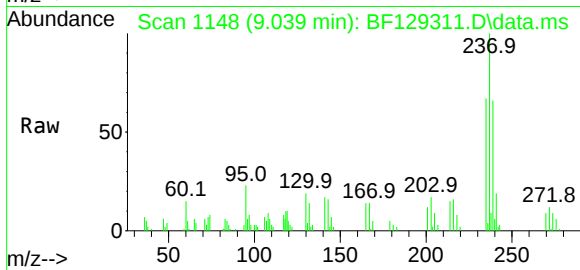
#41
Hexachlorocyclopentadiene
Concen: 3.603 ng
RT: 9.039 min Scan# 1149
Delta R.T. -0.006 min
Lab File: BF129311.D
Acq: 22 Jul 2022 12:35

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

Tgt Ion:237 Resp: 10828
Ion Ratio Lower Upper
237 100
235 67.1 43.2 83.2
272 12.4 0.0 31.9

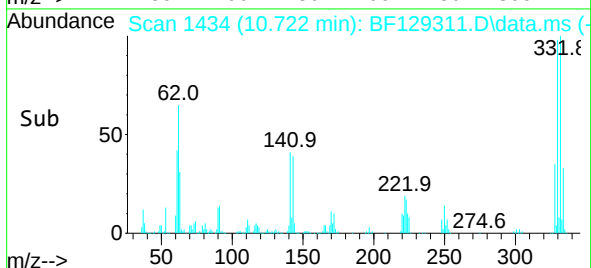
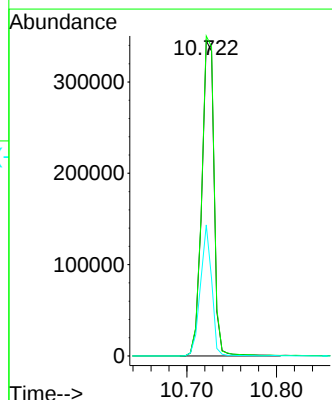
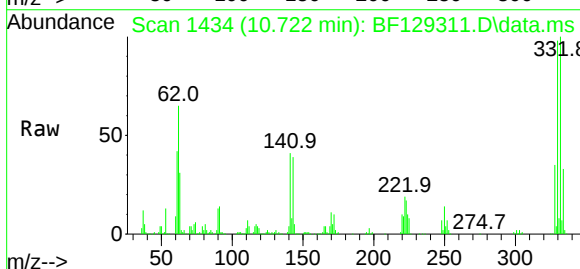
Manual Integrations
APPROVED

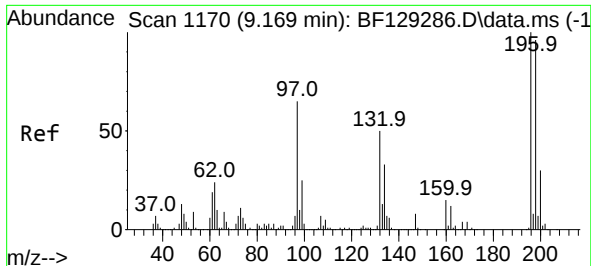
Reviewed By :Christian Giraldo 07/25/2022
Supervised By :Jagrut Upadhyay 07/25/2022



#42
2,4,6-Tribromophenol
Concen: 130.617 ng
RT: 10.722 min Scan# 1434
Delta R.T. -0.012 min
Lab File: BF129311.D
Acq: 22 Jul 2022 12:35

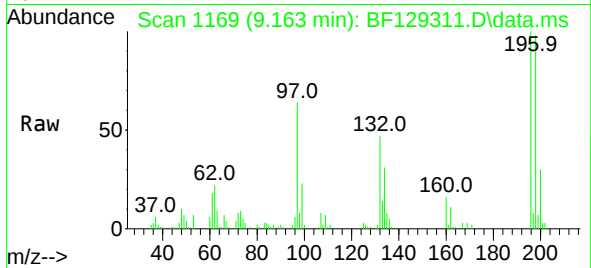
Tgt Ion:330 Resp: 327326
Ion Ratio Lower Upper
330 100
332 101.6 76.8 115.2
141 38.0 28.0 42.0





#43
2,4,6-Trichlorophenol
Concen: 3.557 ng
RT: 9.163 min Scan# 1170
Delta R.T. -0.006 min
Lab File: BF129311.D
Acq: 22 Jul 2022 12:35

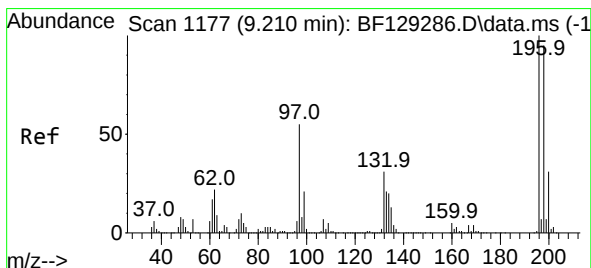
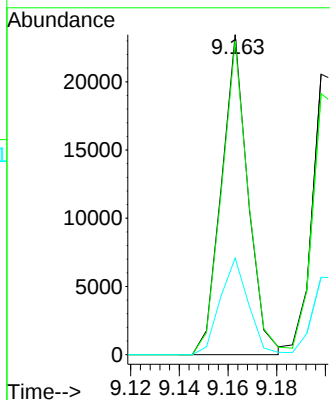
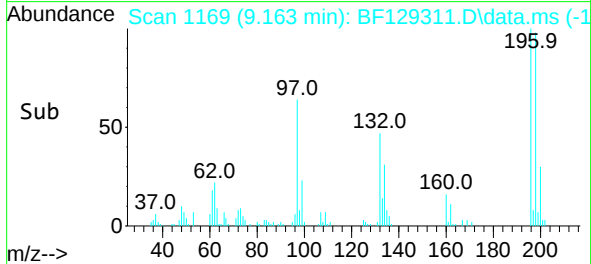
Instrument :
BNA_F
ClientSampleId :
MDL-WATER-03-QT2-2022



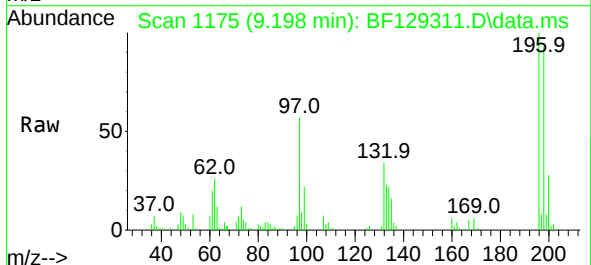
Tgt Ion:196 Resp: 1772
Ion Ratio Lower Upper
196 100
198 98.0 74.0 111.0
200 30.2 24.1 36.1

Manual Integrations
APPROVED

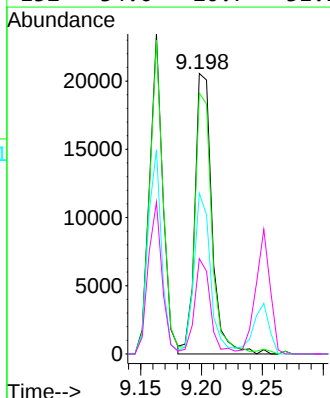
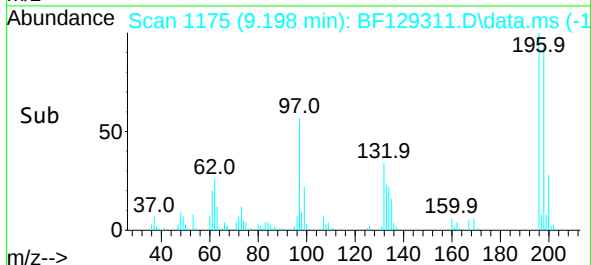
Reviewed By :Christian Giraldo 07/25/2022
Supervised By :Jagrut Upadhyay 07/25/2022

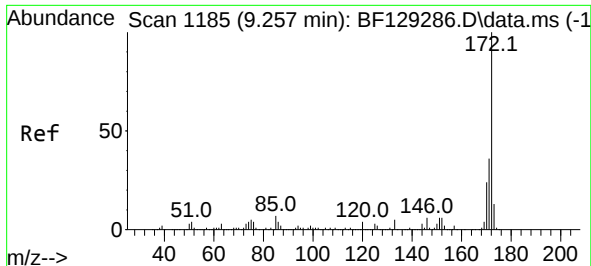


#44
2,4,5-Trichlorophenol
Concen: 3.712 ng
RT: 9.198 min Scan# 1175
Delta R.T. -0.012 min
Lab File: BF129311.D
Acq: 22 Jul 2022 12:35



Tgt Ion:196 Resp: 20069
Ion Ratio Lower Upper
196 100
198 93.0 75.7 113.5
97 57.3 36.4 54.6#
132 34.0 20.7 31.1#





#45

2-Fluorobiphenyl

Concen: 86.796 ng

RT: 9.251 min Scan# 1185

Delta R.T. -0.006 min

Lab File: BF129311.D

Acq: 22 Jul 2022 12:35

Instrument :

BNA_F

ClientSampleId :

MDL-WATER-03-QT2-2022

Tgt Ion:172 Resp: 146550

Ion Ratio Lower Upper

172 100

171 35.3 28.8 43.2

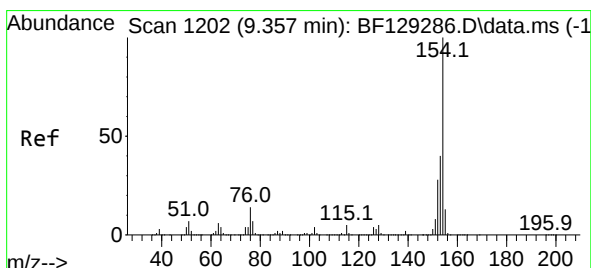
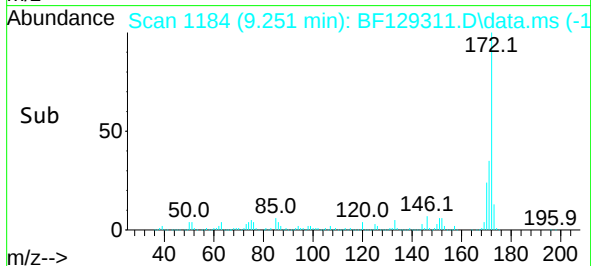
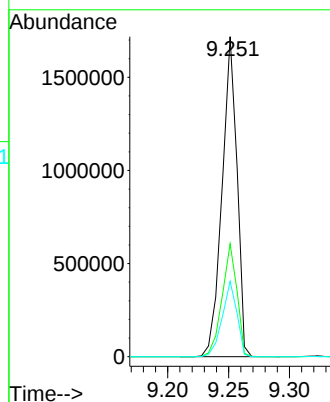
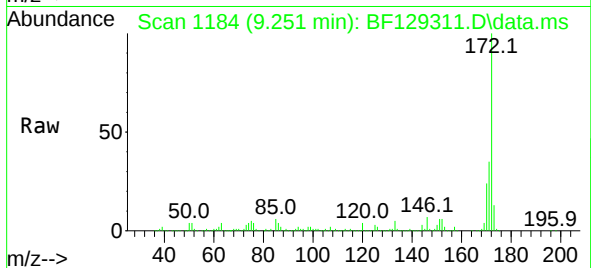
170 23.6 19.8 29.8

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 07/25/2022

Supervised By :Jagrut Upadhyay 07/25/2022



#46

1,1'-Biphenyl

Concen: 4.249 ng

RT: 9.351 min Scan# 1201

Delta R.T. -0.006 min

Lab File: BF129311.D

Acq: 22 Jul 2022 12:35

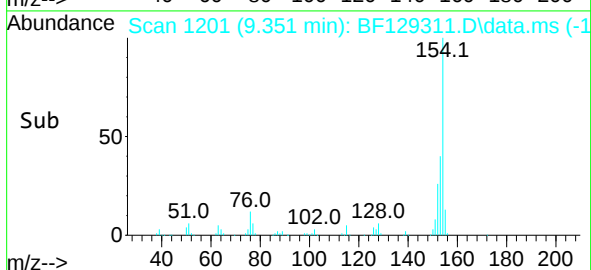
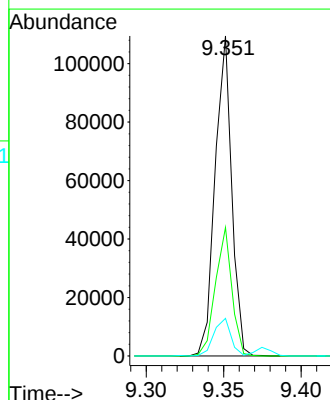
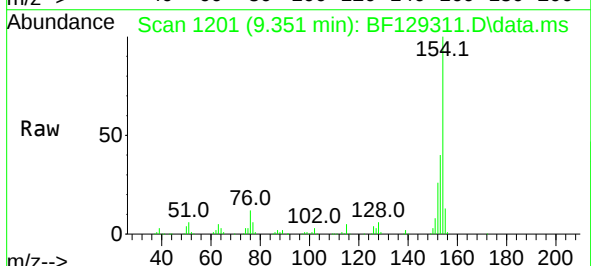
Tgt Ion:154 Resp: 81554

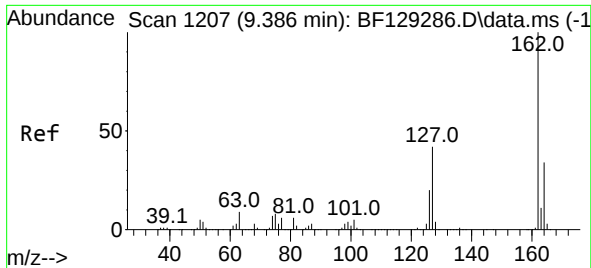
Ion Ratio Lower Upper

154 100

153 40.1 20.6 60.6

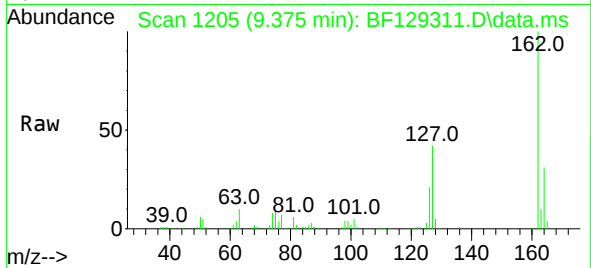
76 11.8 0.0 33.3





#47
2-Chloronaphthalene
Concen: 4.032 ng
RT: 9.375 min Scan# 1205
Delta R.T. -0.012 min
Lab File: BF129311.D
Acq: 22 Jul 2022 12:35

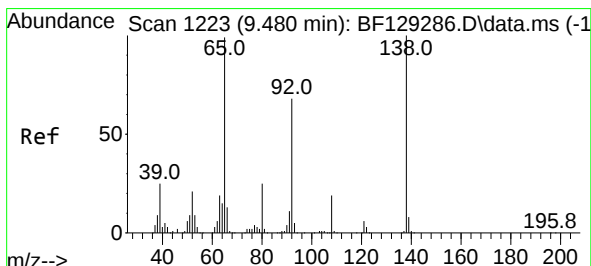
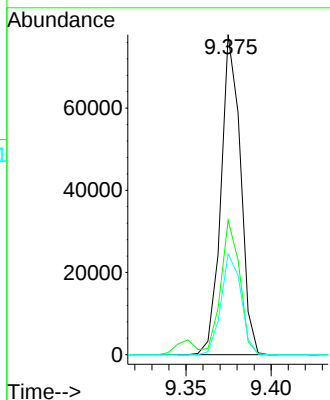
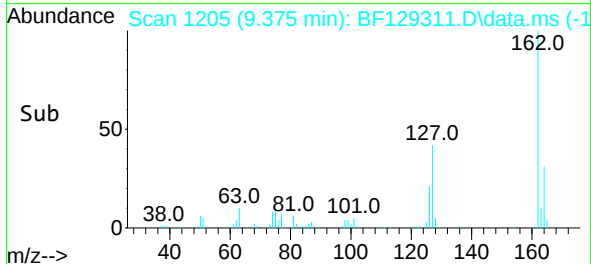
Instrument : BNA_F
ClientSampleId : MDL-WATER-03-QT2-2022



Tgt Ion:162 Resp: 6199
Ion Ratio Lower Upper
162 100
127 42.0 34.5 51.7
164 31.5 26.5 39.7

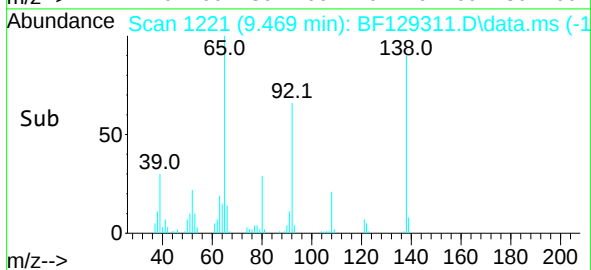
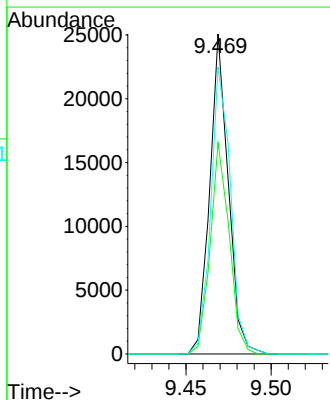
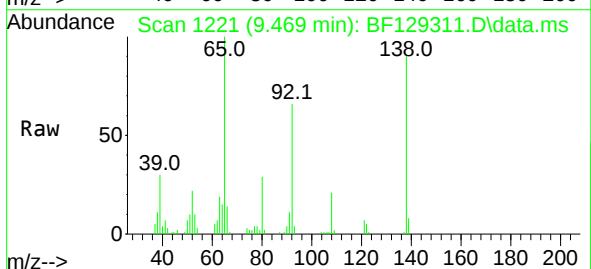
Manual Integrations
APPROVED

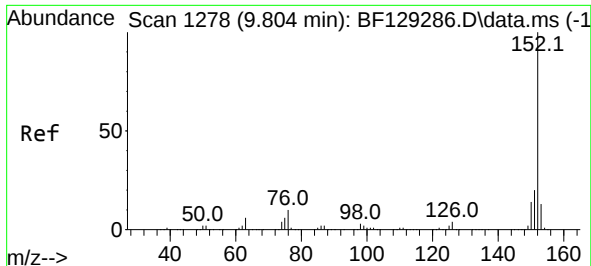
Reviewed By :Christian Giraldo 07/25/2022
Supervised By :Jagrut Upadhyay 07/25/2022



#48
2-Nitroaniline
Concen: 3.687 ng
RT: 9.469 min Scan# 1221
Delta R.T. -0.012 min
Lab File: BF129311.D
Acq: 22 Jul 2022 12:35

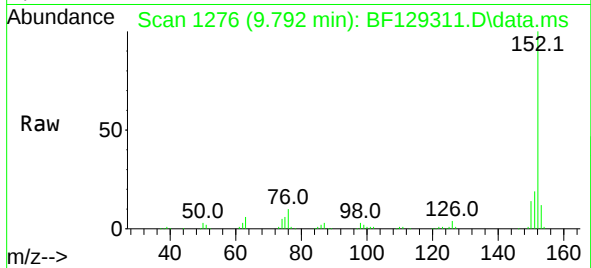
Tgt Ion: 65 Resp: 19035
Ion Ratio Lower Upper
65 100
92 66.0 51.9 77.9
138 89.7 76.4 114.6





#49
Acenaphthylene
Concen: 4.252 ng
RT: 9.792 min Scan# 11
Delta R.T. -0.012 min
Lab File: BF129311.D
Acq: 22 Jul 2022 12:35

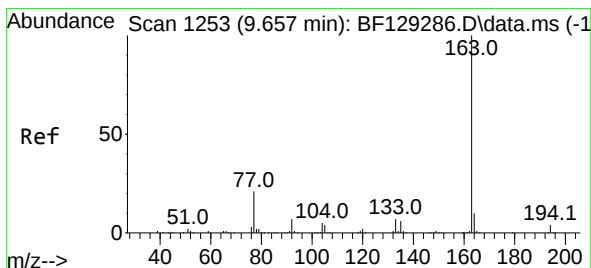
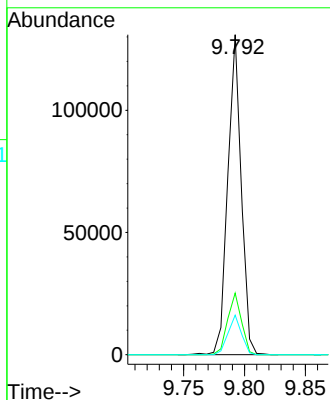
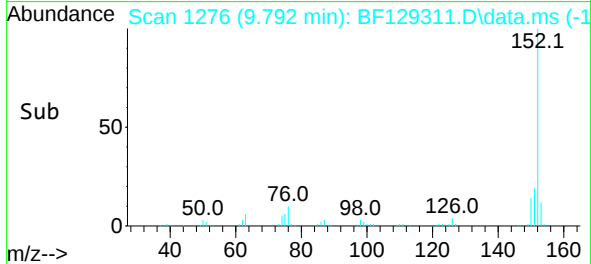
Instrument :
BNA_F
ClientSampleId :
MDL-WATER-03-QT2-2022



Tgt Ion:152 Resp: 10039
Ion Ratio Lower Upper
152 100
151 19.3 16.2 24.4
153 12.4 10.7 16.1

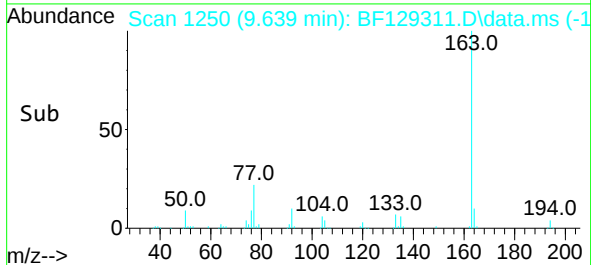
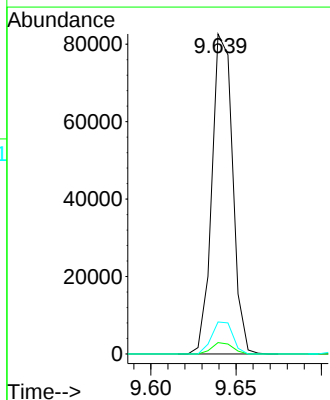
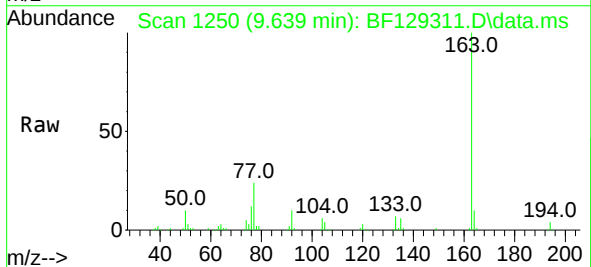
Manual Integrations
APPROVED

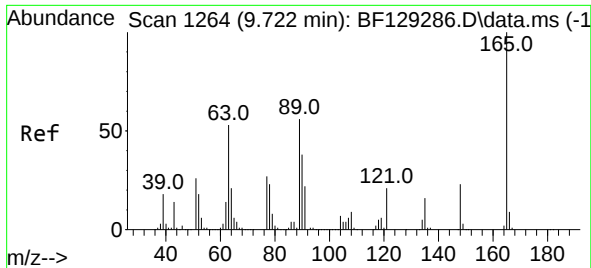
Reviewed By :Christian Giraldo 07/25/2022
Supervised By :Jagrut Upadhyay 07/25/2022



#50
Dimethylphthalate
Concen: 3.922 ng
RT: 9.639 min Scan# 1250
Delta R.T. -0.018 min
Lab File: BF129311.D
Acq: 22 Jul 2022 12:35

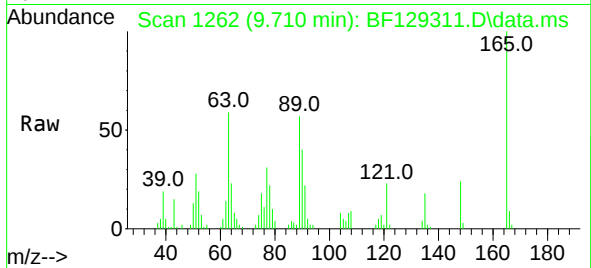
Tgt Ion:163 Resp: 69990
Ion Ratio Lower Upper
163 100
194 3.6 3.2 4.8
164 10.0 8.2 12.2





#51
2,6-Dinitrotoluene
Concen: 3.626 ng
RT: 9.710 min Scan# 11
Delta R.T. -0.012 min
Lab File: BF129311.D
Acq: 22 Jul 2022 12:35

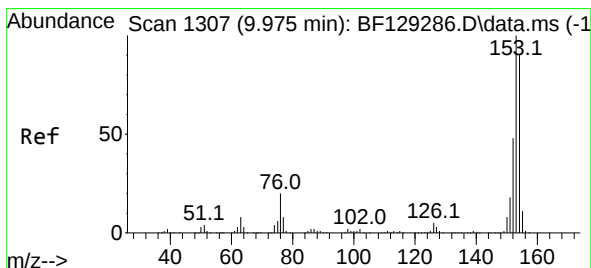
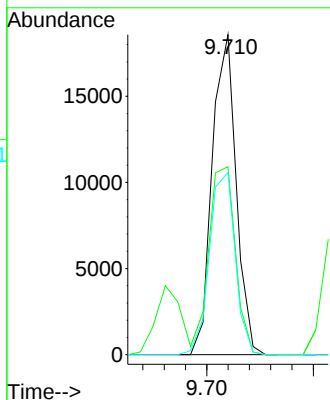
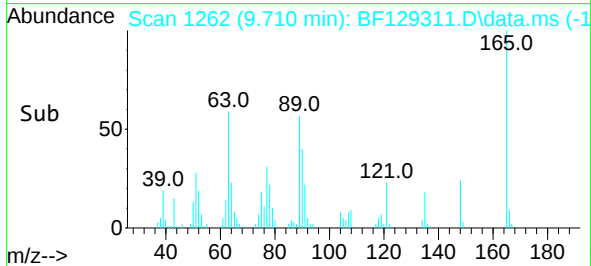
Instrument :
BNA_F
ClientSampleId :
MDL-WATER-03-QT2-2022



Tgt Ion:165 Resp: 14490
Ion Ratio Lower Upper
165 100
63 58.8 44.9 67.3
89 56.9 43.6 65.4

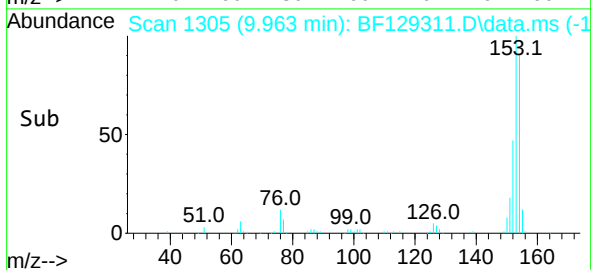
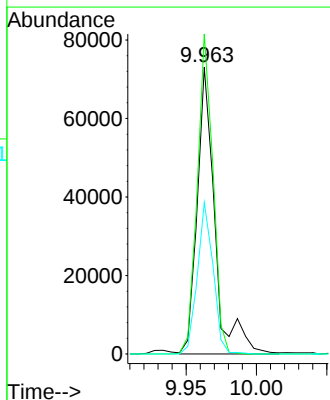
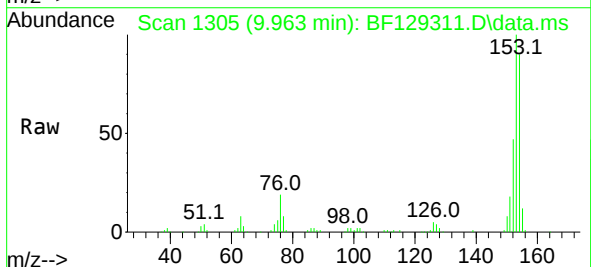
Manual Integrations
APPROVED

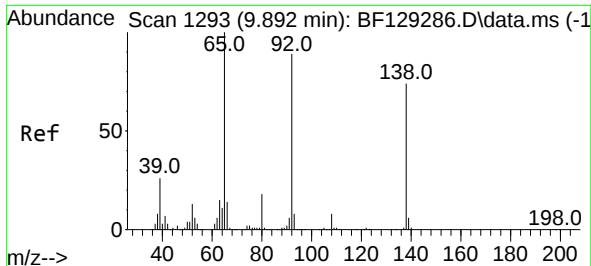
Reviewed By :Christian Giraldo 07/25/2022
Supervised By :Jagrut Upadhyay 07/25/2022



#52
Acenaphthene
Concen: 4.155 ng m
RT: 9.963 min Scan# 1305
Delta R.T. -0.012 min
Lab File: BF129311.D
Acq: 22 Jul 2022 12:35

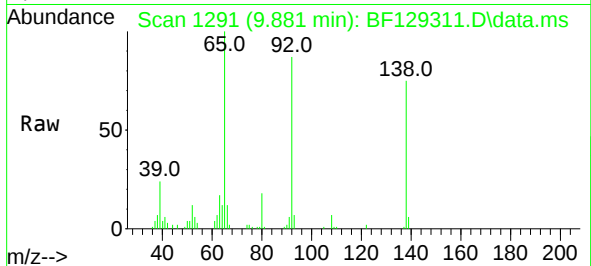
Tgt Ion:154 Resp: 63659
Ion Ratio Lower Upper
154 100
153 111.6 89.6 134.4
152 52.8 42.4 63.6





#53
3-Nitroaniline
Concen: 3.442 ng
RT: 9.881 min Scan# 11
Delta R.T. -0.012 min
Lab File: BF129311.D
Acq: 22 Jul 2022 12:35

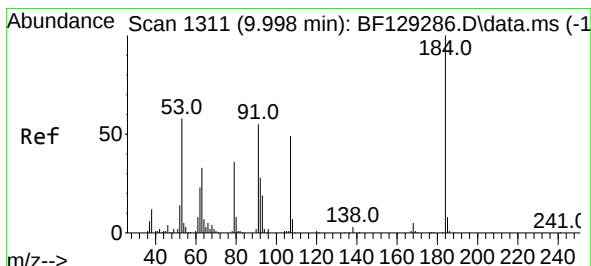
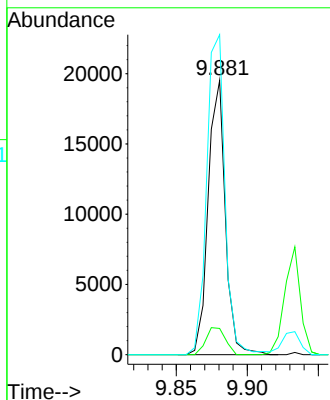
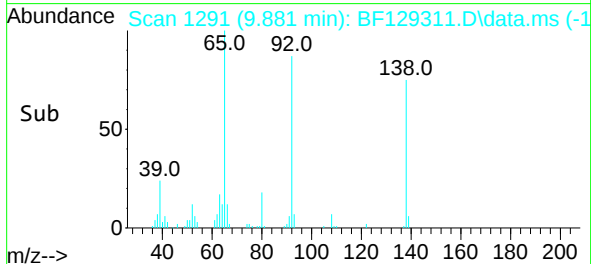
Instrument : BNA_F
ClientSampleId : MDL-WATER-03-QT2-2022



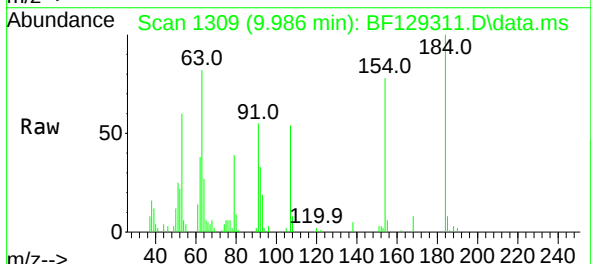
Tgt Ion:138 Resp: 1636
Ion Ratio Lower Upper
138 100
108 9.6 10.9 16.3
92 116.7 98.2 147.2

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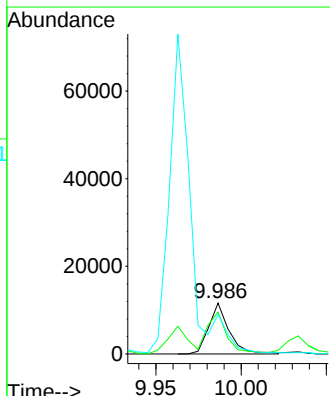
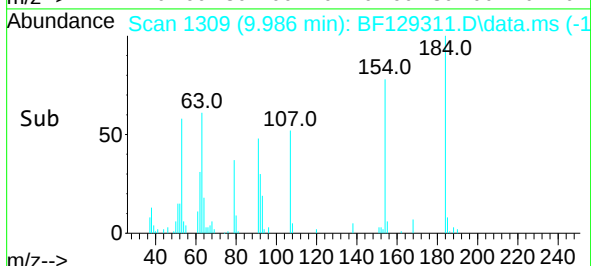
Reviewed By :Christian Giraldo 07/25/2022
Supervised By :Jagrut Upadhyay 07/25/2022

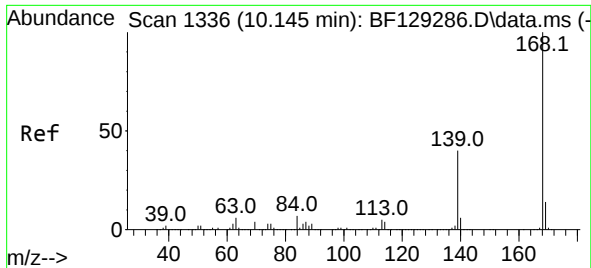


#54
2,4-Dinitrophenol
Concen: 4.776 ng
RT: 9.986 min Scan# 1309
Delta R.T. -0.012 min
Lab File: BF129311.D
Acq: 22 Jul 2022 12:35



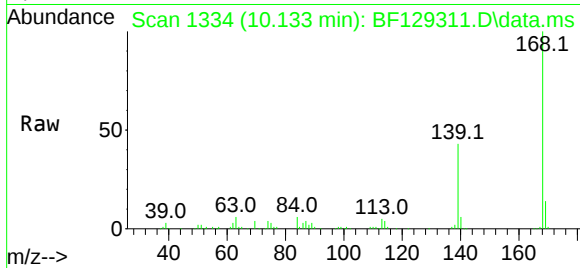
Tgt Ion:184 Resp: 9656
Ion Ratio Lower Upper
184 100
63 82.4 64.5 96.7
154 77.5 50.6 75.8





#55
Dibenzenofuran
Concen: 4.093 ng
RT: 10.133 min Scan# 11
Delta R.T. -0.012 min
Lab File: BF129311.D
Acq: 22 Jul 2022 12:35

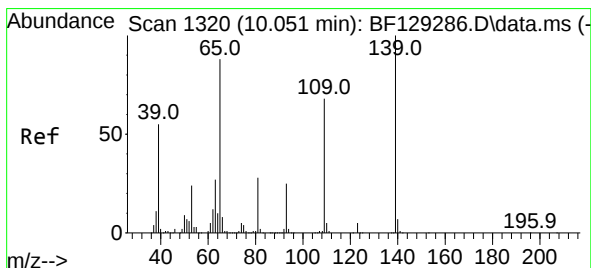
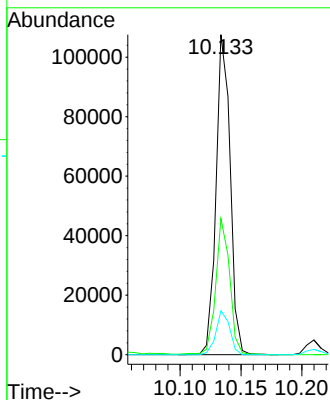
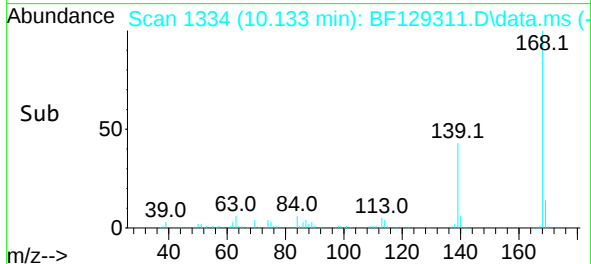
Instrument :
BNA_F
ClientSampleId :
MDL-WATER-03-QT2-2022



Tgt Ion:168 Resp: 8714
Ion Ratio Lower Upper
168 100
139 42.5 30.6 46.0
169 13.7 11.0 16.6

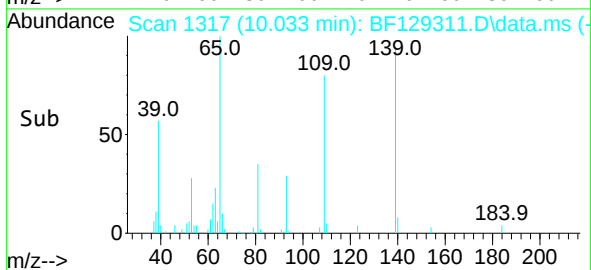
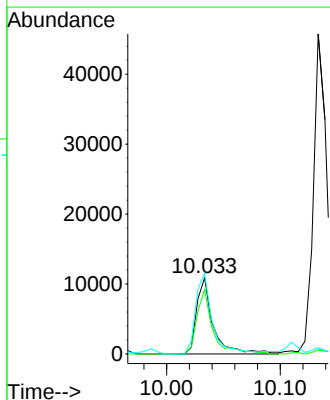
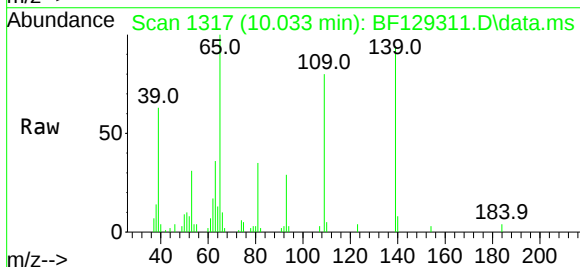
Manual Integrations
APPROVED

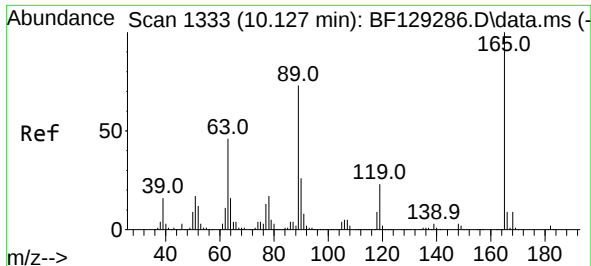
Reviewed By :Christian Giraldo 07/25/2022
Supervised By :Jagrut Upadhyay 07/25/2022



#56
4-Nitrophenol
Concen: 3.178 ng
RT: 10.033 min Scan# 1317
Delta R.T. -0.018 min
Lab File: BF129311.D
Acq: 22 Jul 2022 12:35

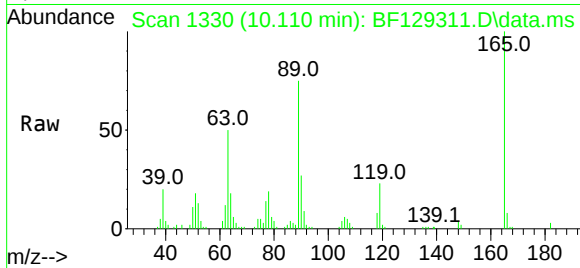
Tgt Ion:139 Resp: 11032
Ion Ratio Lower Upper
139 100
109 84.9 50.7 90.7
65 106.6 74.5 114.5





#57
2,4-Dinitrotoluene
Concen: 3.819 ng
RT: 10.110 min Scan# 1333
Delta R.T. -0.018 min
Lab File: BF129311.D
Acq: 22 Jul 2022 12:35

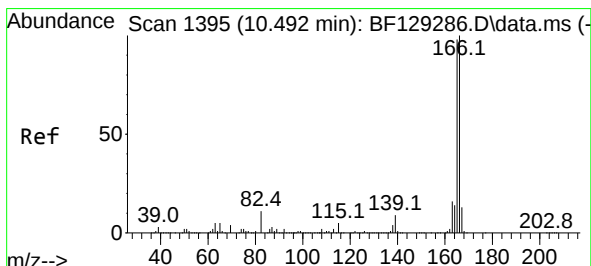
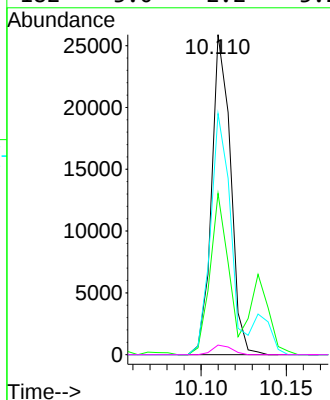
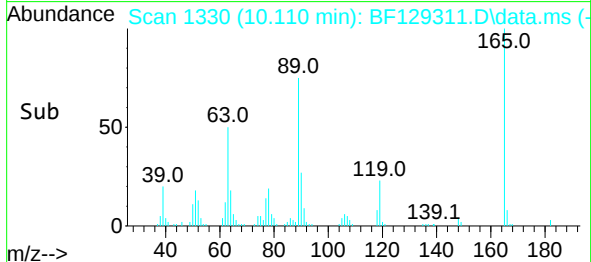
Instrument : BNA_F
ClientSampleId : MDL-WATER-03-QT2-2022



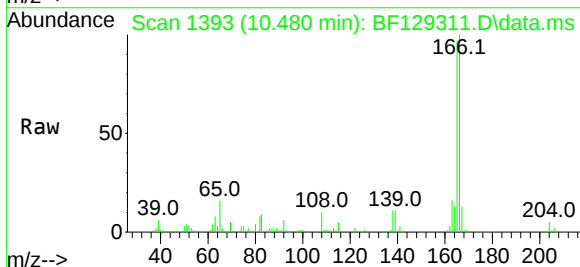
Tgt Ion:165 Resp: 2000
Ion Ratio Lower Upper
165 100
63 50.4 39.8 59.6
89 75.3 60.2 90.2
182 3.0 2.2 3.2

Manual Integrations
APPROVED

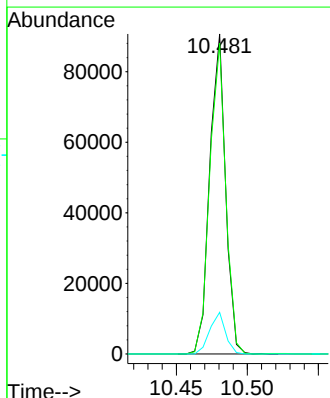
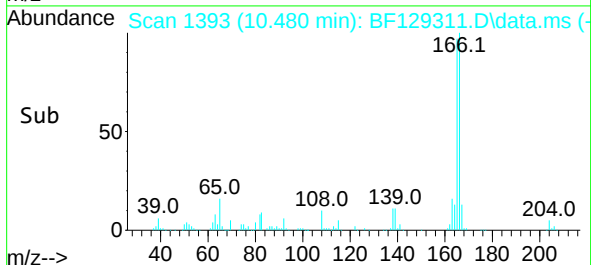
Reviewed By :Christian Giraldo 07/25/2022
Supervised By :Jagrut Upadhyay 07/25/2022

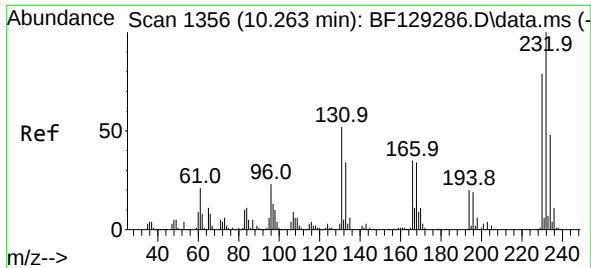


#58
Fluorene
Concen: 4.119 ng
RT: 10.480 min Scan# 1393
Delta R.T. -0.012 min
Lab File: BF129311.D
Acq: 22 Jul 2022 12:35



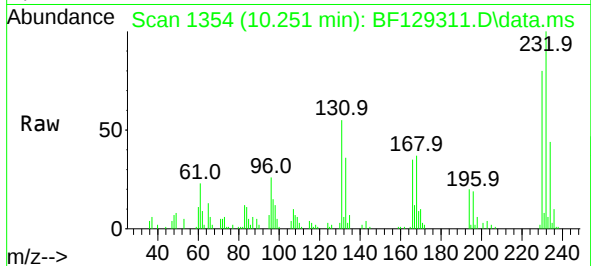
Tgt Ion:166 Resp: 69995
Ion Ratio Lower Upper
166 100
165 97.1 78.1 117.1
167 13.0 10.5 15.7





#59
2,3,4,6-Tetrachlorophenol
Concen: 3.460 ng
RT: 10.251 min Scan# 1354
Delta R.T. -0.012 min
Lab File: BF129311.D
Acq: 22 Jul 2022 12:35

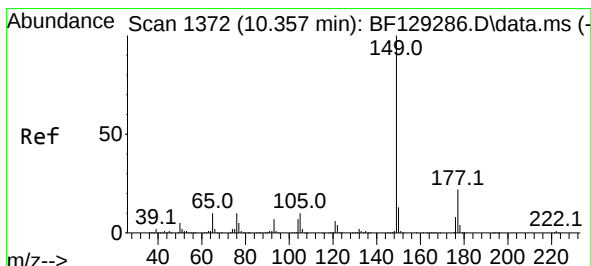
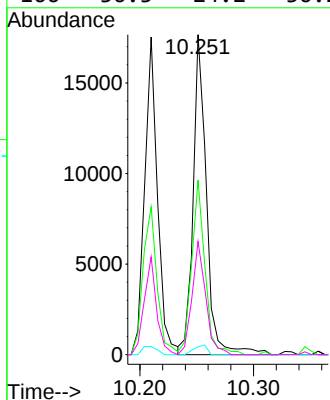
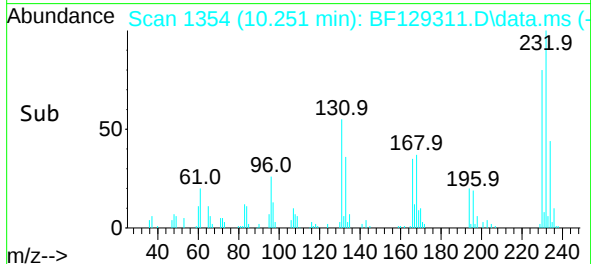
Instrument :
BNA_F
ClientSampleId :
MDL-WATER-03-QT2-2022



Tgt Ion:232 Resp: 14419
Ion Ratio Lower Upper
232 100
131 54.6 36.1 54.1
130 2.9 1.8 2.8
166 36.3 24.2 36.2

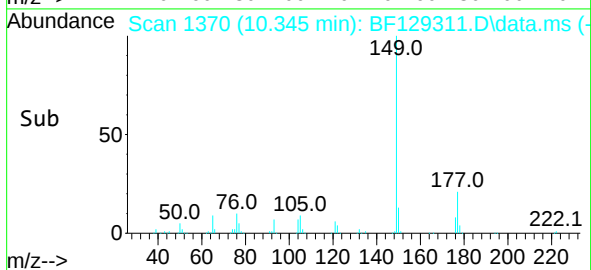
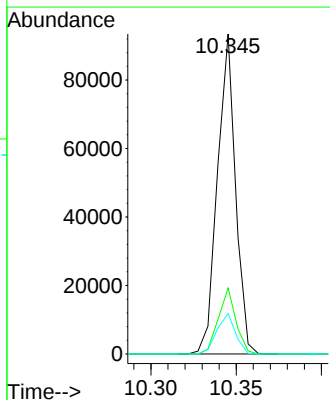
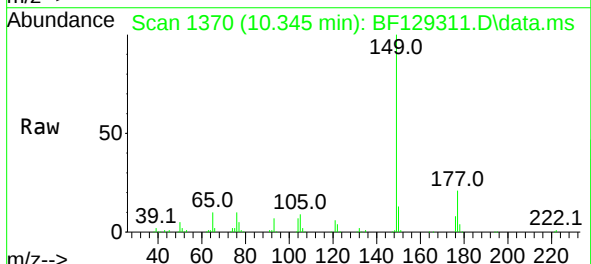
Manual Integrations
APPROVED

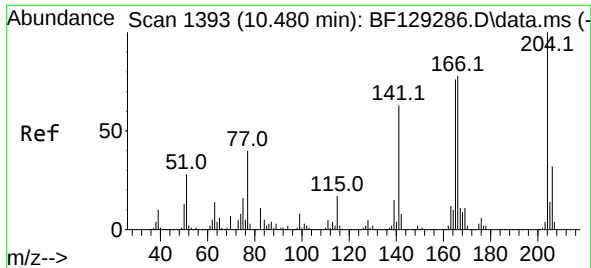
Reviewed By :Christian Giraldo 07/25/2022
Supervised By :Jagrut Upadhyay 07/25/2022



#60
Diethylphthalate
Concen: 4.013 ng
RT: 10.345 min Scan# 1370
Delta R.T. -0.012 min
Lab File: BF129311.D
Acq: 22 Jul 2022 12:35

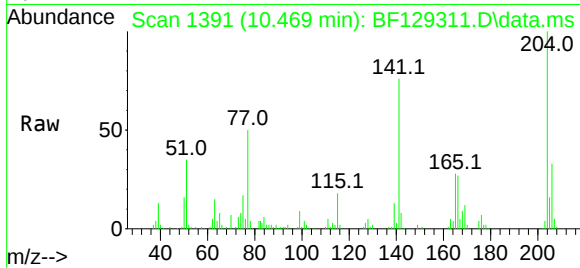
Tgt Ion:149 Resp: 68907
Ion Ratio Lower Upper
149 100
177 20.6 17.3 25.9
150 12.7 10.2 15.2





#61
4-Chlorophenyl-phenylether
Concen: 4.296 ng
RT: 10.469 min Scan# 1394
Delta R.T. -0.012 min
Lab File: BF129311.D
Acq: 22 Jul 2022 12:35

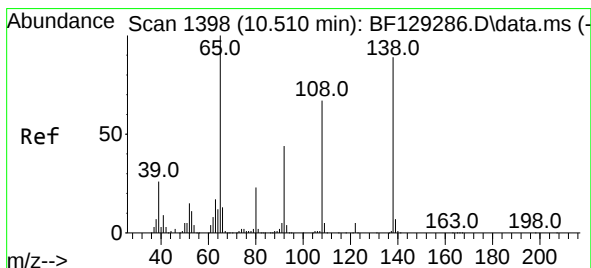
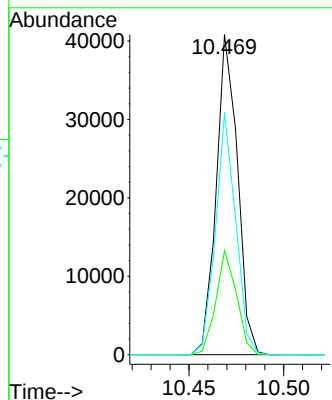
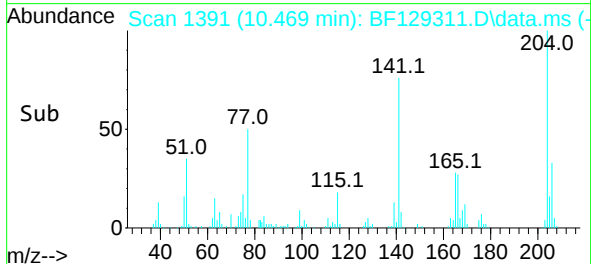
Instrument :
BNA_F
ClientSampleId :
MDL-WATER-03-QT2-2022



Tgt Ion:204 Resp: 3194
Ion Ratio Lower Upper
204 100
206 32.6 25.8 38.6
141 75.7 47.0 70.4

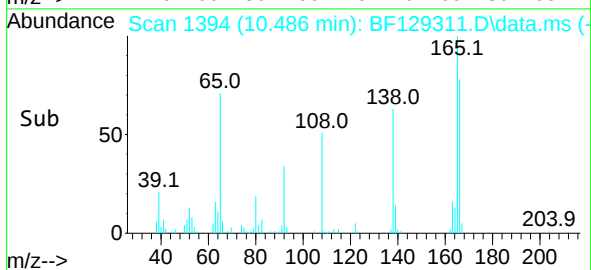
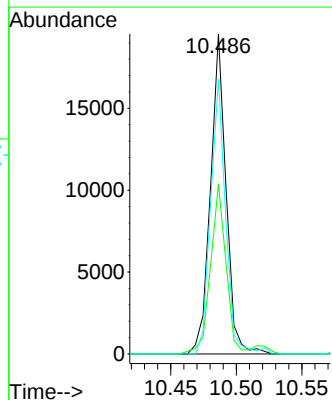
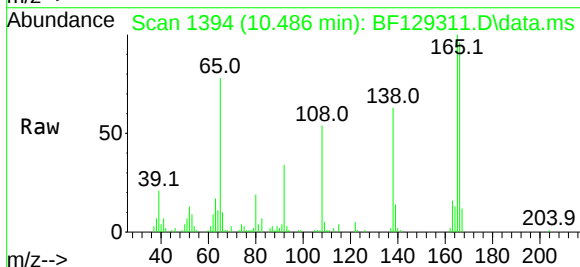
Manual Integrations
APPROVED

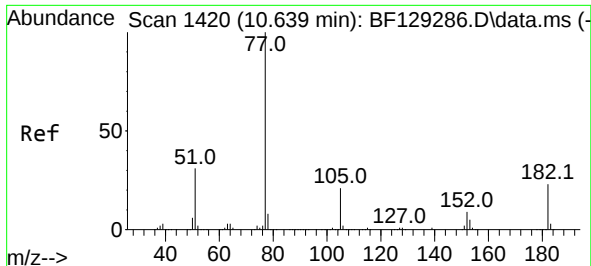
Reviewed By :Christian Giraldo 07/25/2022
Supervised By :Jagrut Upadhyay 07/25/2022



#62
4-Nitroaniline
Concen: 3.449 ng
RT: 10.486 min Scan# 1394
Delta R.T. -0.023 min
Lab File: BF129311.D
Acq: 22 Jul 2022 12:35

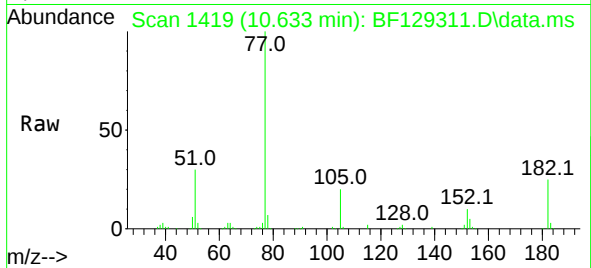
Tgt Ion:138 Resp: 16198
Ion Ratio Lower Upper
138 100
92 53.2 33.5 73.5
108 85.9 61.0 101.0





#63
Azobenzene
Concen: 3.963 ng
RT: 10.633 min Scan# 1419
Delta R.T. -0.006 min
Lab File: BF129311.D
Acq: 22 Jul 2022 12:35

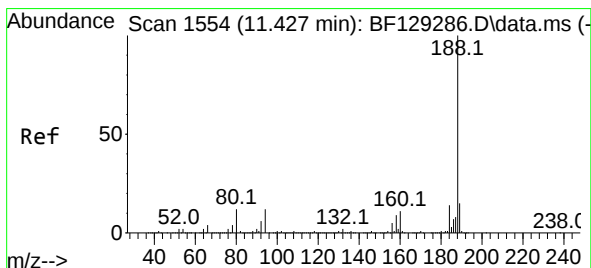
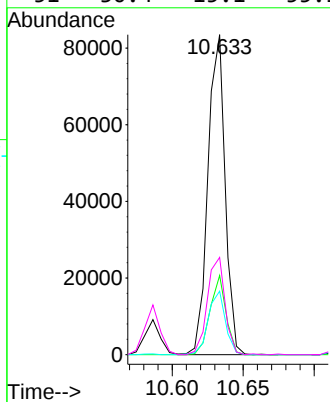
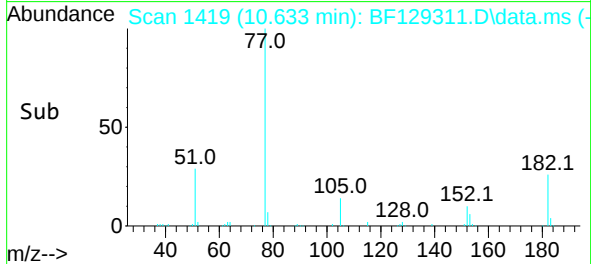
Instrument :
BNA_F
ClientSampleId :
MDL-WATER-03-QT2-2022



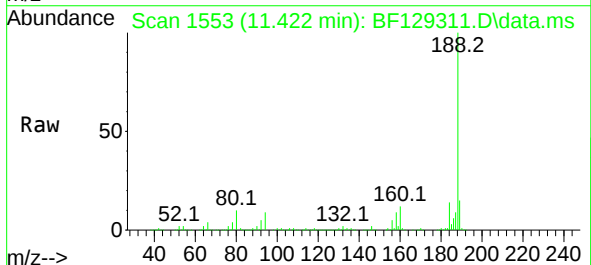
Tgt Ion: 77 Resp: 70394
Ion Ratio Lower Upper
77 100
182 24.8 5.6 45.6
105 19.9 1.6 41.6
51 30.4 15.1 55.1

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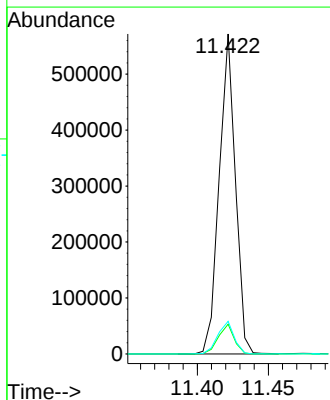
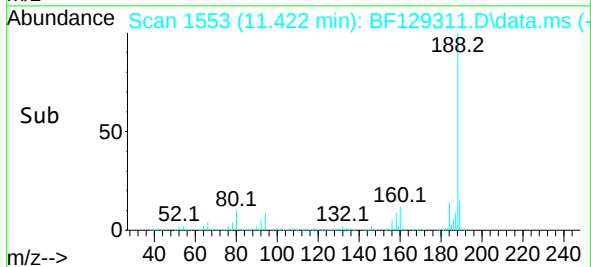
Reviewed By :Christian Giraldo 07/25/2022
Supervised By :Jagrut Upadhyay 07/25/2022

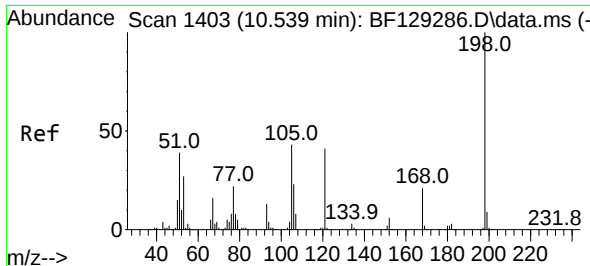


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.422 min Scan# 1553
Delta R.T. -0.006 min
Lab File: BF129311.D
Acq: 22 Jul 2022 12:35



Tgt Ion:188 Resp: 453264
Ion Ratio Lower Upper
188 100
94 9.3 7.0 10.6
80 10.2 7.6 11.4





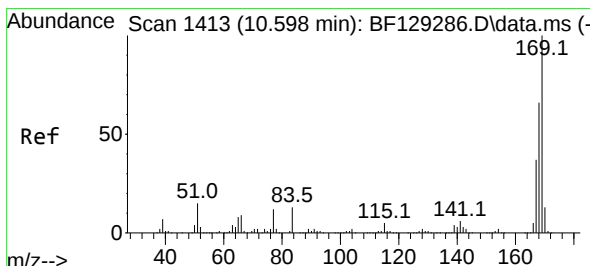
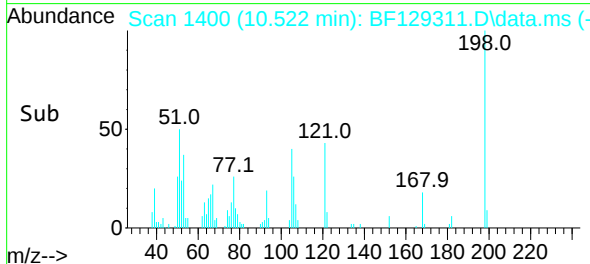
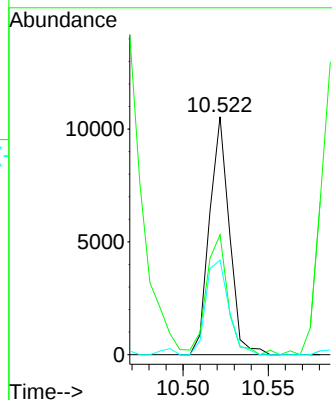
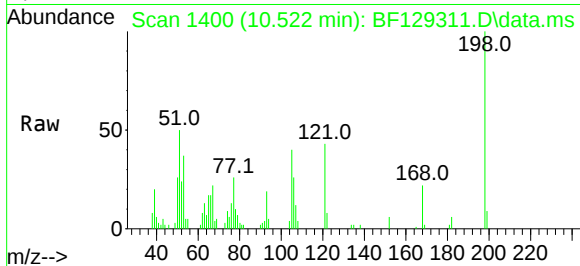
#65
4,6-Dinitro-2-methylphenol
Concen: 3.058 ng
RT: 10.522 min Scan# 1410
Delta R.T. -0.018 min
Lab File: BF129311.D
Acq: 22 Jul 2022 12:35

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

Tgt Ion:198 Resp: 8520
Ion Ratio Lower Upper
198 100
51 50.4 37.6 77.6
105 39.8 27.0 67.0

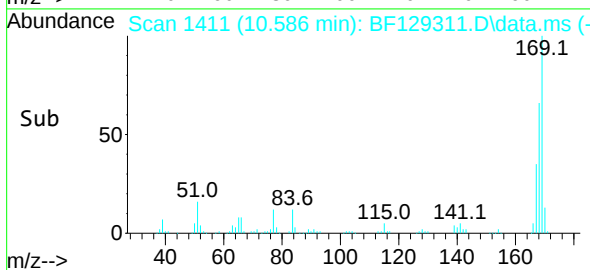
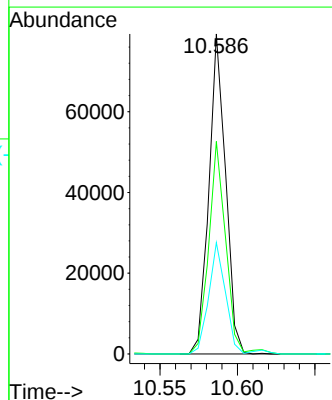
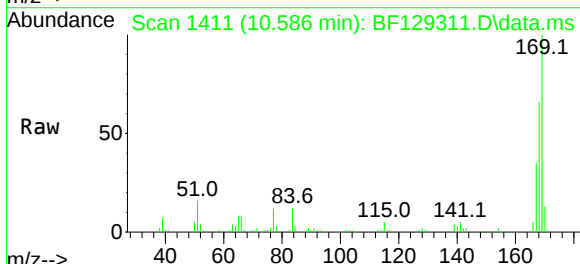
Manual Integrations
APPROVED

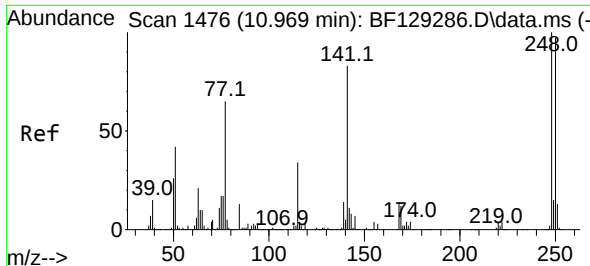
Reviewed By :Christian Giraldo 07/25/2022
Supervised By :Jagrut Upadhyay 07/25/2022



#66
n-Nitrosodiphenylamine
Concen: 3.964 ng
RT: 10.586 min Scan# 1411
Delta R.T. -0.012 min
Lab File: BF129311.D
Acq: 22 Jul 2022 12:35

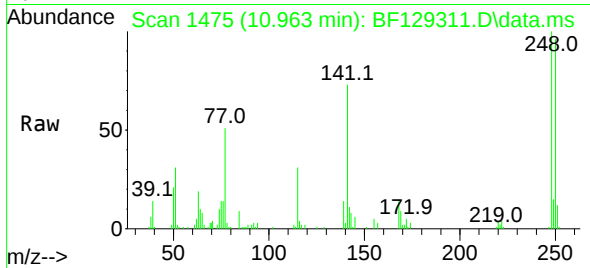
Tgt Ion:169 Resp: 59395
Ion Ratio Lower Upper
169 100
168 66.4 50.1 75.1
167 34.8 27.9 41.9





#67
4-Bromophenyl-phenylether
Concen: 4.012 ng
RT: 10.963 min Scan# 1475
Delta R.T. -0.006 min
Lab File: BF129311.D
Acq: 22 Jul 2022 12:35

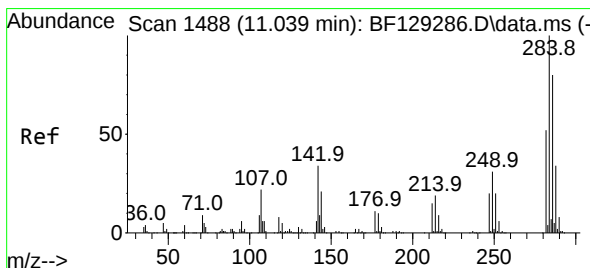
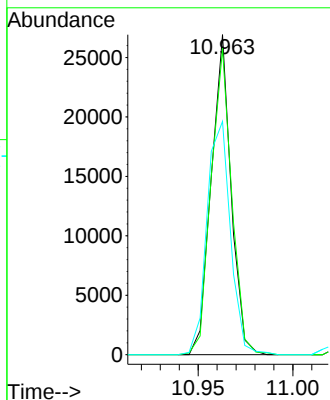
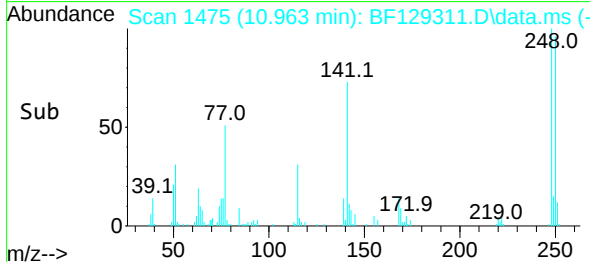
Instrument :
BNA_F
ClientSampleId :
MDL-WATER-03-QT2-2022



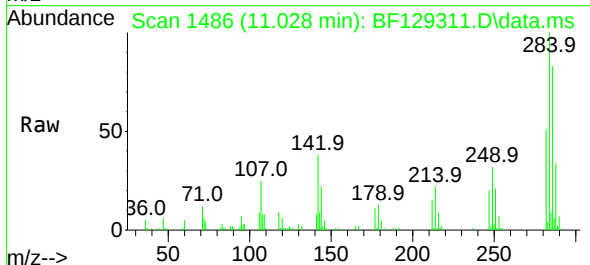
Tgt Ion:248 Resp: 1962
Ion Ratio Lower Upper
248 100
250 95.7 80.6 120.8
141 72.9 58.9 88.3

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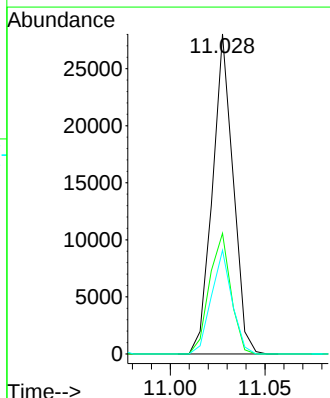
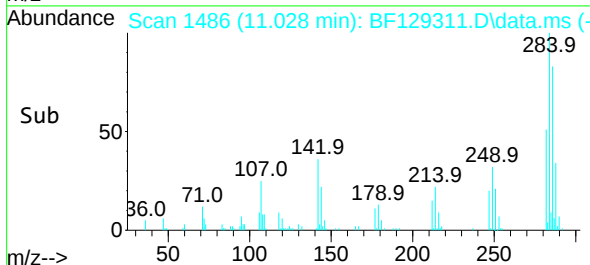
Reviewed By :Christian Giraldo 07/25/2022
Supervised By :Jagrut Upadhyay 07/25/2022

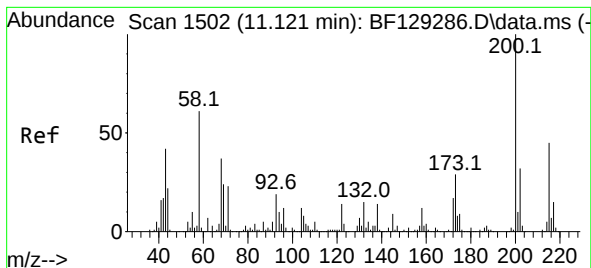


#68
Hexachlorobenzene
Concen: 3.970 ng
RT: 11.028 min Scan# 1486
Delta R.T. -0.012 min
Lab File: BF129311.D
Acq: 22 Jul 2022 12:35



Tgt Ion:284 Resp: 21266
Ion Ratio Lower Upper
284 100
142 37.7 29.0 43.4
249 32.4 25.0 37.6





#69

Atrazine

Concen: 4.008 ng

RT: 11.110 min Scan# 1110

Delta R.T. -0.012 min

Lab File: BF129311.D

Acq: 22 Jul 2022 12:35

Instrument :

BNA_F

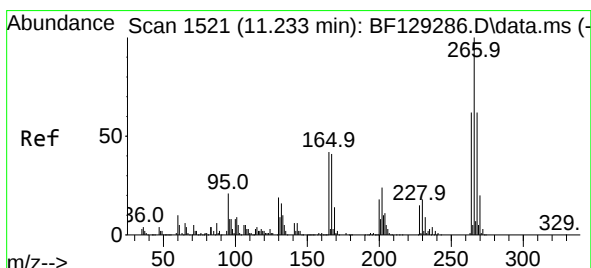
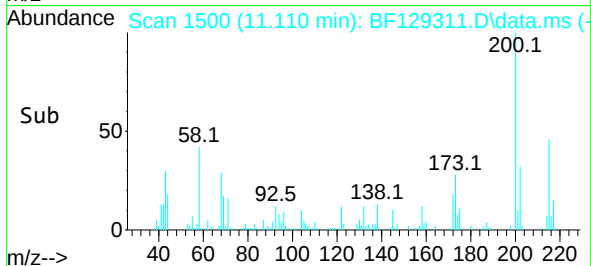
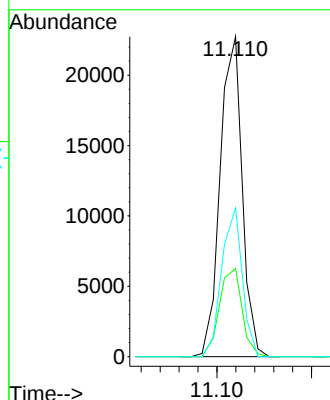
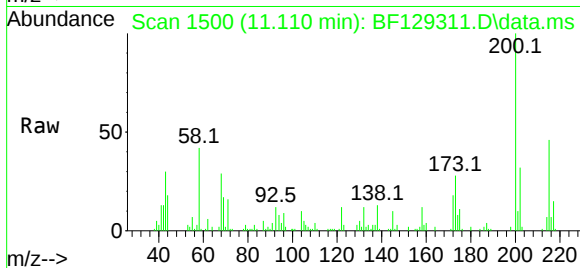
ClientSampleId :

MDL-WATER-03-QT2-2022

Tgt Ion:200 Resp: 1835
 Ion Ratio Lower Upper
 200 100
 173 27.5 6.3 46.3
 215 46.5 28.3 68.3

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



#70

Pentachlorophenol

Concen: 2.814 ng

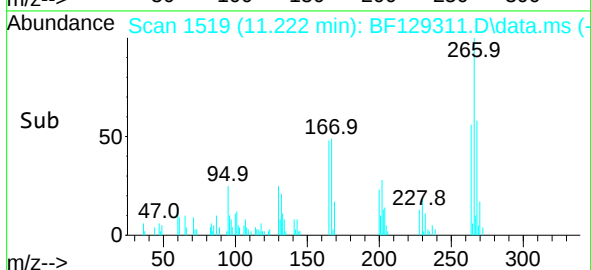
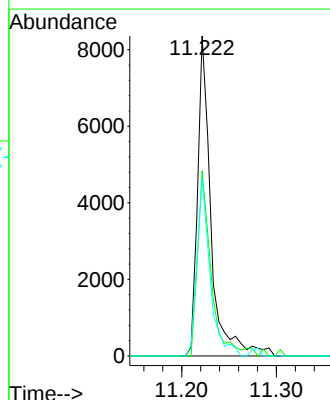
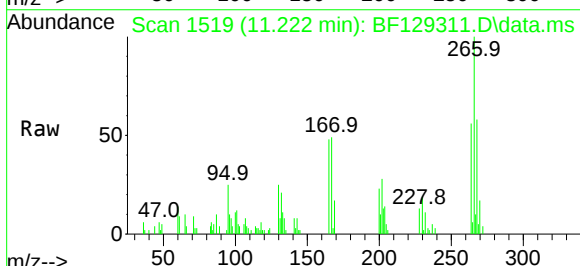
RT: 11.222 min Scan# 1519

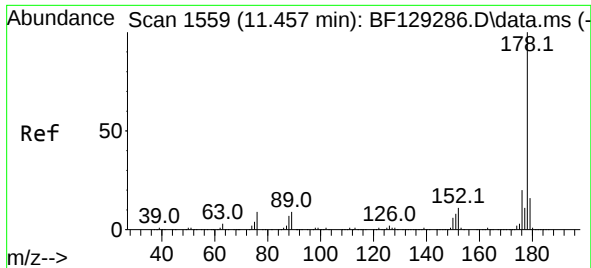
Delta R.T. -0.012 min

Lab File: BF129311.D

Acq: 22 Jul 2022 12:35

Tgt Ion:266 Resp: 8286
 Ion Ratio Lower Upper
 266 100
 268 57.9 51.0 76.4
 264 55.5 49.4 74.2





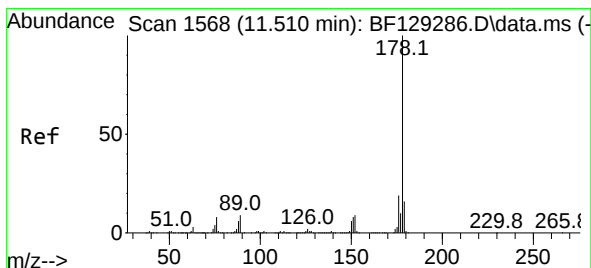
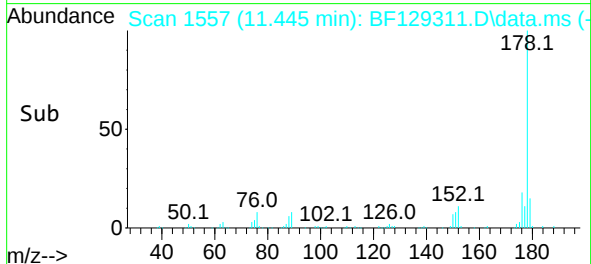
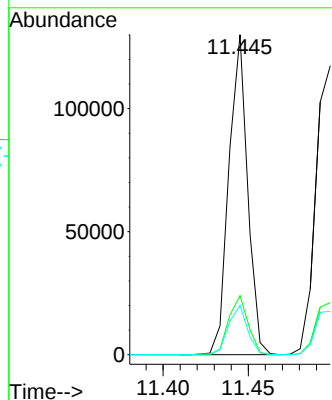
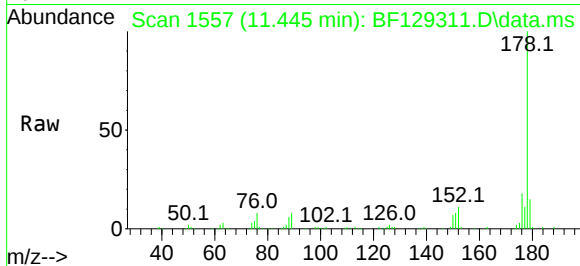
#71
Phenanthrene
Concen: 3.988 ng
RT: 11.445 min Scan# 1559
Delta R.T. -0.012 min
Lab File: BF129311.D
Acq: 22 Jul 2022 12:35

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

Tgt Ion:178 Resp: 99210
Ion Ratio Lower Upper
178 100
176 18.5 16.0 24.0
179 15.4 12.6 19.0

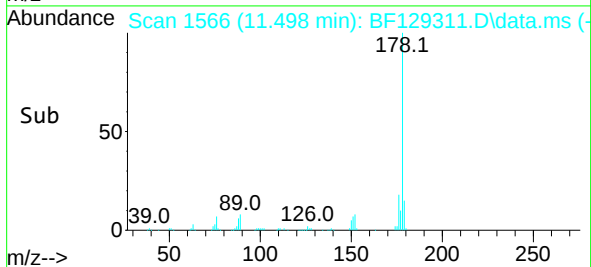
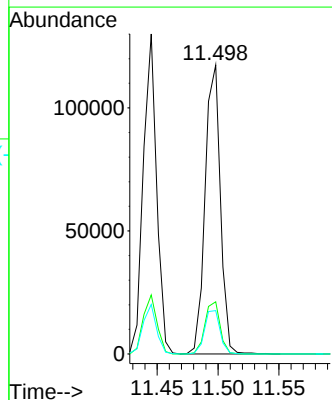
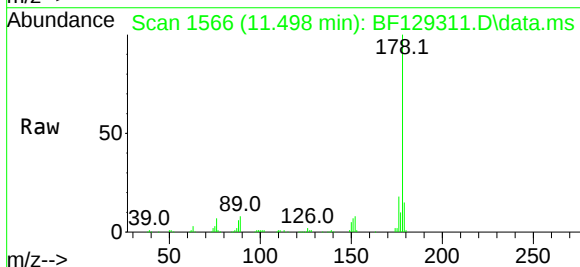
Manual Integrations
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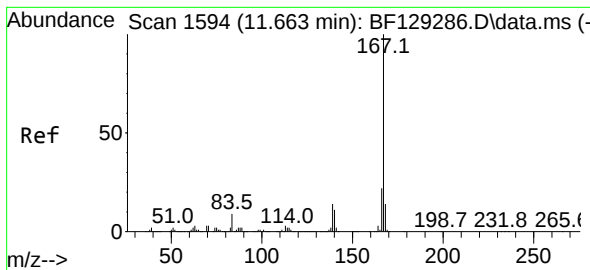
Reviewed By :Christian Giraldo 07/25/2022
Supervised By :Jagrut Upadhyay 07/25/2022



#72
Anthracene
Concen: 4.152 ng
RT: 11.498 min Scan# 1566
Delta R.T. -0.012 min
Lab File: BF129311.D
Acq: 22 Jul 2022 12:35

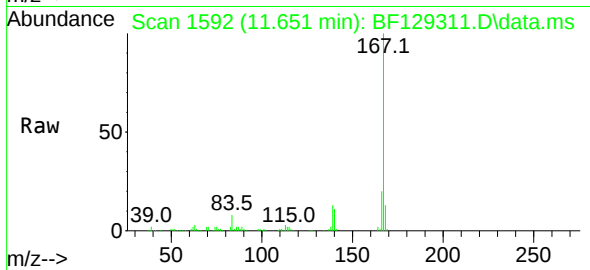
Tgt Ion:178 Resp: 102356
Ion Ratio Lower Upper
178 100
176 18.0 15.4 23.2
179 15.0 12.6 19.0





#73
 Carbazole
 Concen: 4.082 ng
 RT: 11.651 min Scan# 11
 Delta R.T. -0.012 min
 Lab File: BF129311.D
 Acq: 22 Jul 2022 12:35

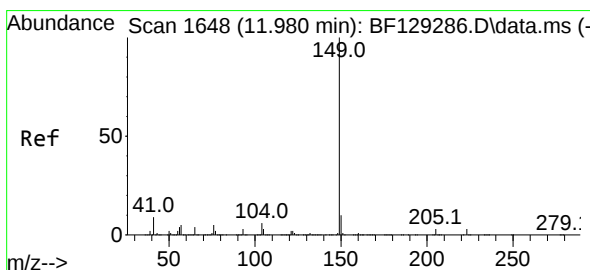
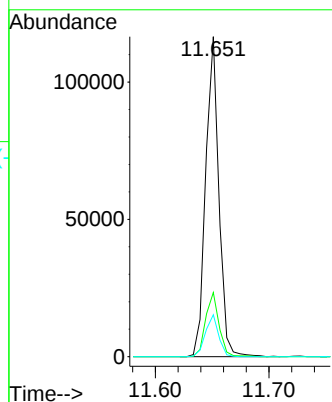
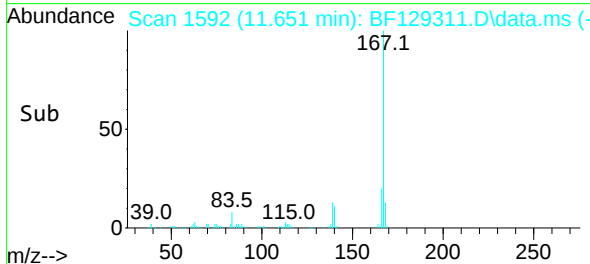
Instrument : BNA_F
 ClientSampleId : MDL-WATER-03-QT2-2022



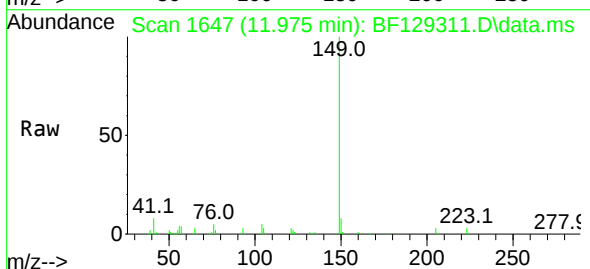
Tgt Ion:167 Resp: 9386
 Ion Ratio Lower Upper
 167 100
 166 20.1 17.7 26.5
 139 13.1 11.2 16.8

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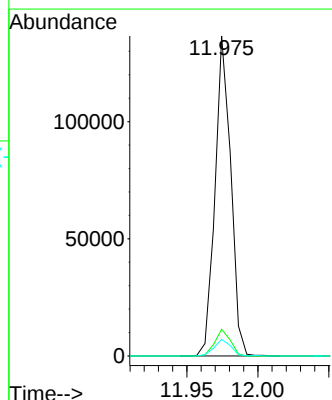
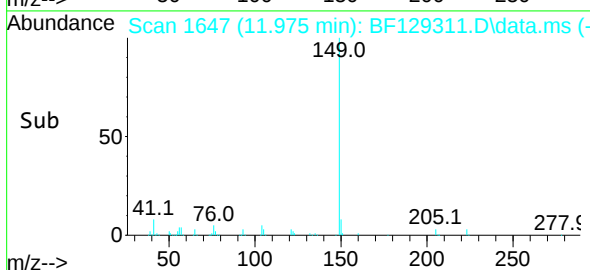
Reviewed By :Christian Giraldo 07/25/2022
 Supervised By :Jagrut Upadhyay 07/25/2022

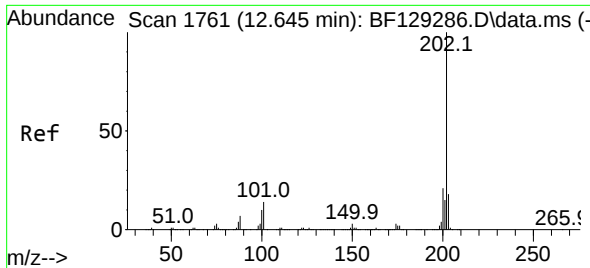


#74
 Di-n-butylphthalate
 Concen: 3.948 ng
 RT: 11.975 min Scan# 1647
 Delta R.T. -0.006 min
 Lab File: BF129311.D
 Acq: 22 Jul 2022 12:35



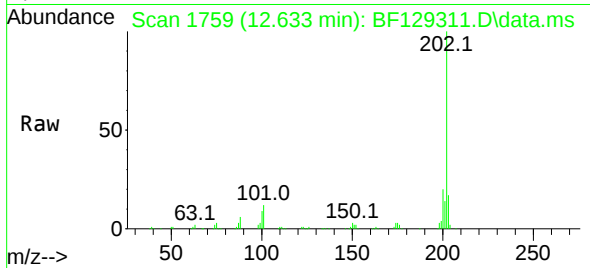
Tgt Ion:149 Resp: 104891
 Ion Ratio Lower Upper
 149 100
 150 8.3 7.5 11.3
 104 5.2 4.4 6.6





#75
Fluoranthene
Concen: 3.974 ng
RT: 12.633 min Scan# 11
Delta R.T. -0.012 min
Lab File: BF129311.D
Acq: 22 Jul 2022 12:35

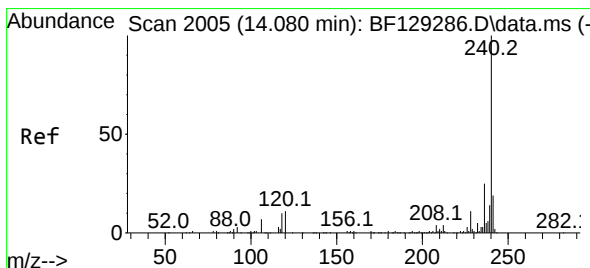
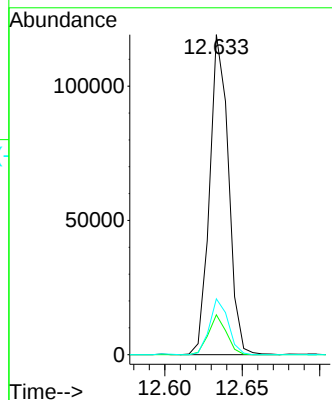
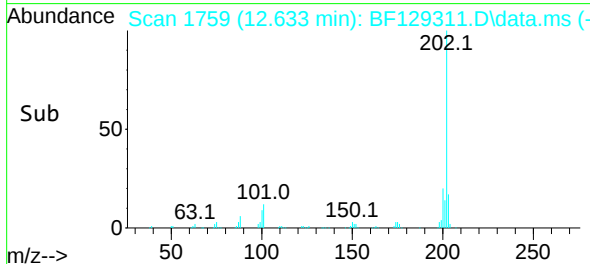
Instrument :
BNA_F
ClientSampleId :
MDL-WATER-03-QT2-2022



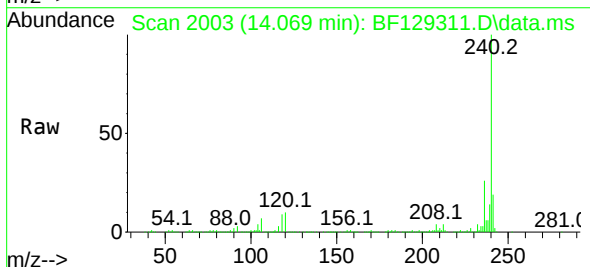
Tgt Ion:202 Resp: 100764
Ion Ratio Lower Upper
202 100
101 12.5 0.0 31.4
203 17.5 0.0 38.0

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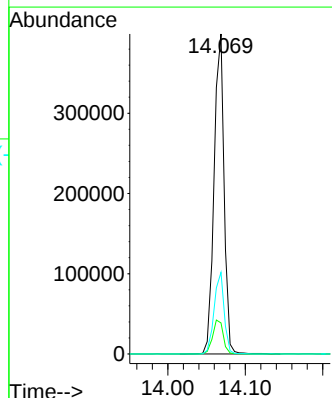
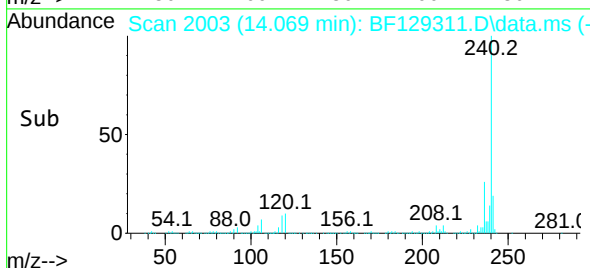
Reviewed By :Christian Giraldo 07/25/2022
Supervised By :Jagrut Upadhyay 07/25/2022

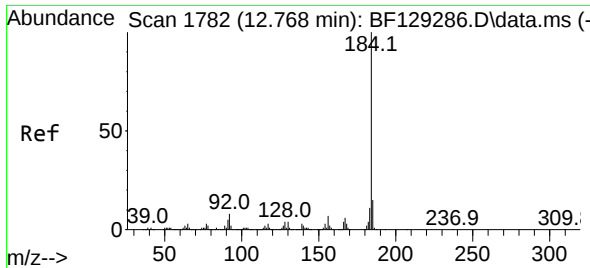


#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.069 min Scan# 2003
Delta R.T. -0.012 min
Lab File: BF129311.D
Acq: 22 Jul 2022 12:35



Tgt Ion:240 Resp: 358089
Ion Ratio Lower Upper
240 100
120 9.7 8.9 13.3
236 25.5 20.8 31.2





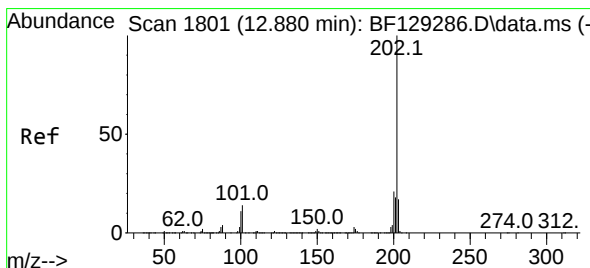
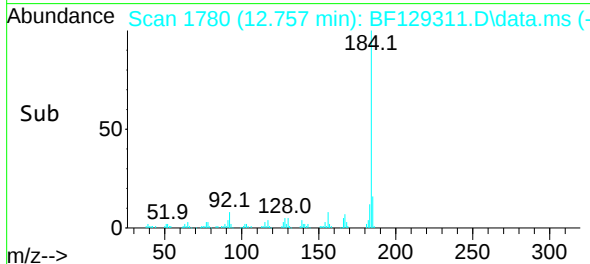
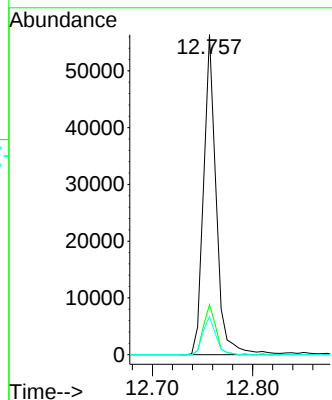
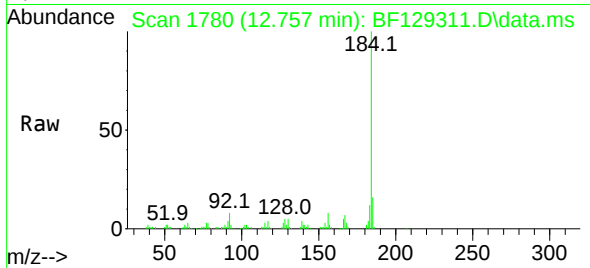
#77
Benzidine
Concen: 3.466 ng
RT: 12.757 min Scan# 1779
Delta R.T. -0.012 min
Lab File: BF129311.D
Acq: 22 Jul 2022 12:35

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

Tgt Ion:184 Resp: 4946
Ion Ratio Lower Upper
184 100
185 15.6 11.9 17.9
183 11.9 9.3 13.9

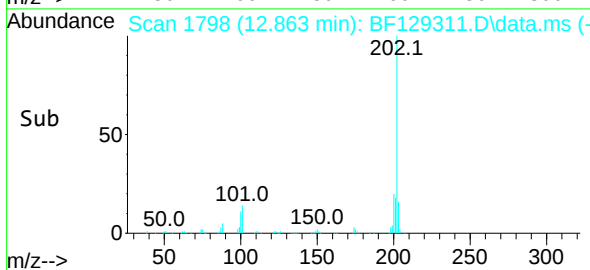
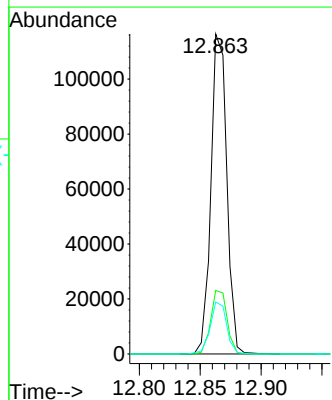
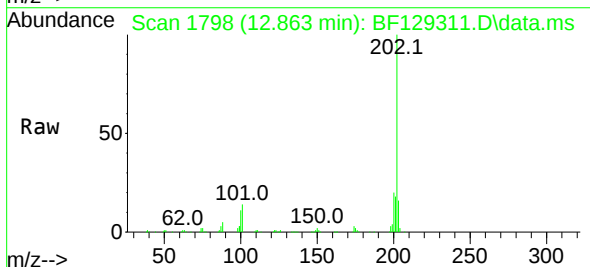
Manual Integrations
APPROVED

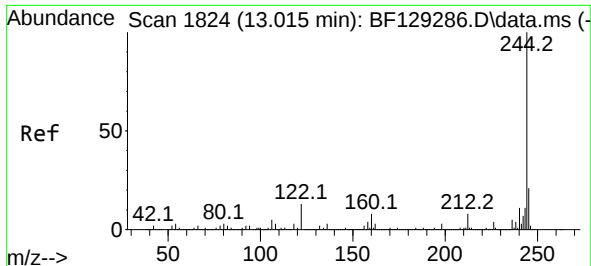
Reviewed By :Christian Giraldo 07/25/2022
Supervised By :Jagrut Upadhyay 07/25/2022



#78
Pyrene
Concen: 3.446 ng
RT: 12.863 min Scan# 1798
Delta R.T. -0.018 min
Lab File: BF129311.D
Acq: 22 Jul 2022 12:35

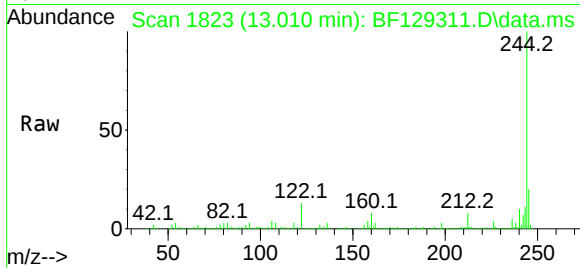
Tgt Ion:202 Resp: 105536
Ion Ratio Lower Upper
202 100
200 19.8 17.7 26.5
203 16.3 14.6 21.8





#79
 Terphenyl-d14
 Concen: 80.464 ng
 RT: 13.010 min Scan# 11
 Delta R.T. -0.006 min
 Lab File: BF129311.D
 Acq: 22 Jul 2022 12:35

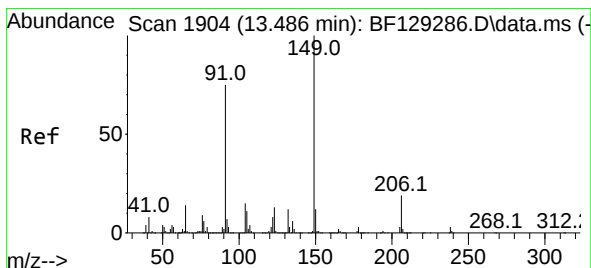
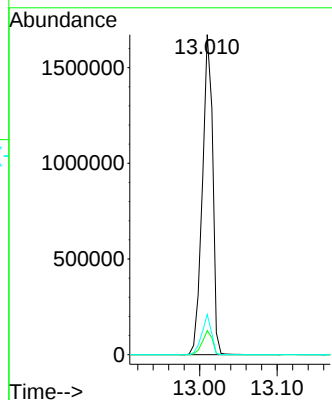
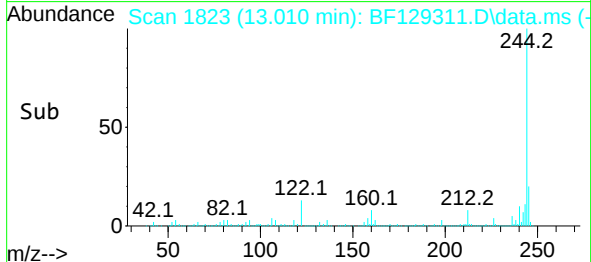
Instrument :
 BNA_F
 ClientSampleId :
 MDL-WATER-03-QT2-2022



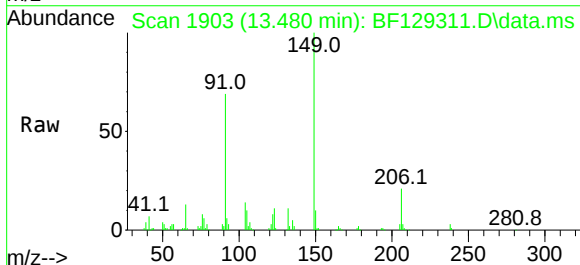
Tgt Ion:244 Resp: 1547070
 Ion Ratio Lower Upper
 244 100
 212 7.5 6.1 9.1
 122 12.5 8.8 13.2

Manual Integrations
 APPROVED

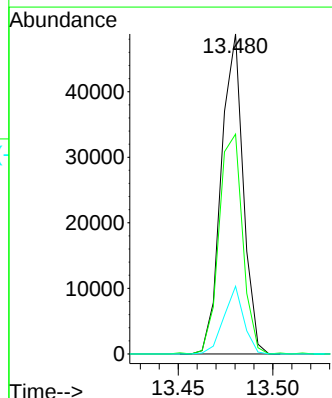
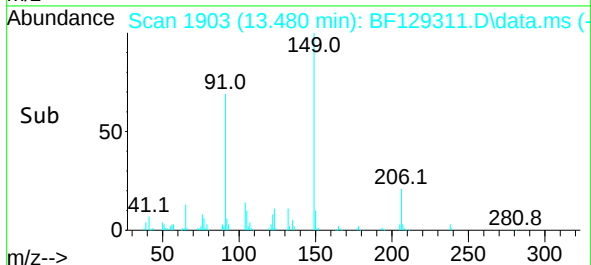
Reviewed By :Christian Giraldo 07/25/2022
 Supervised By :Jagrut Upadhyay 07/25/2022

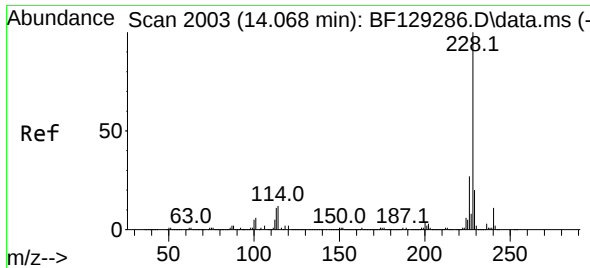


#80
 Butylbenzylphthalate
 Concen: 3.145 ng
 RT: 13.480 min Scan# 1903
 Delta R.T. -0.006 min
 Lab File: BF129311.D
 Acq: 22 Jul 2022 12:35



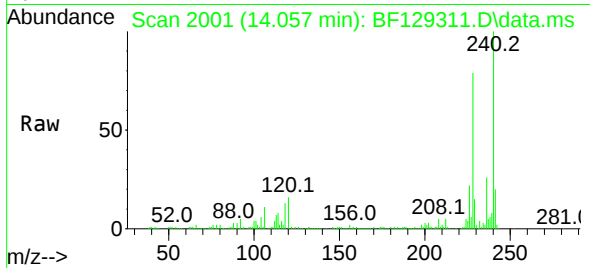
Tgt Ion:149 Resp: 39302
 Ion Ratio Lower Upper
 149 100
 91 68.7 61.2 91.8
 206 21.1 15.7 23.5





#81
Benzo(a)anthracene
Concen: 3.695 ng
RT: 14.057 min Scan# 2003
Delta R.T. -0.012 min
Lab File: BF129311.D
Acq: 22 Jul 2022 12:35

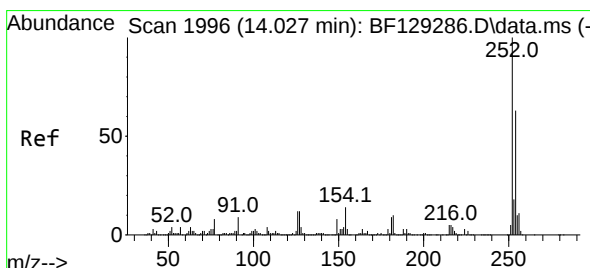
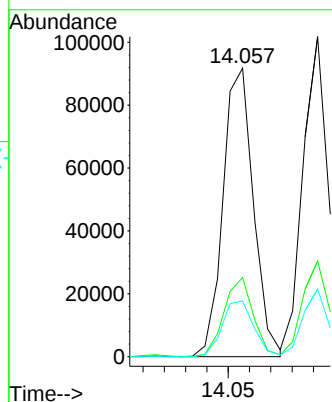
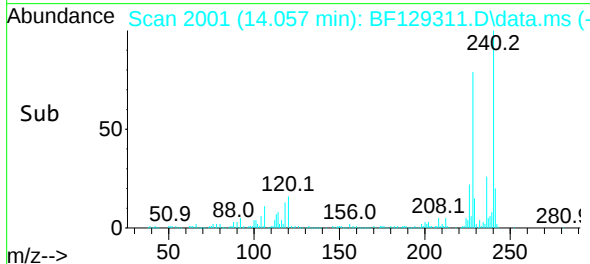
Instrument : BNA_F
ClientSampleId : MDL-WATER-03-QT2-2022



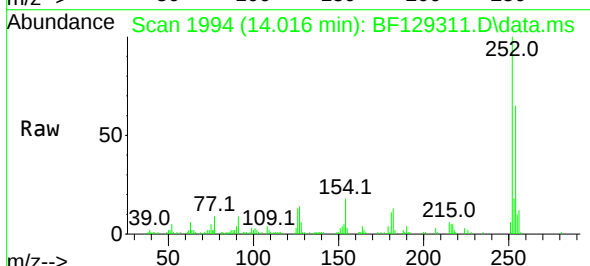
Tgt Ion:228 Resp: 91120
Ion Ratio Lower Upper
228 100
226 27.4 22.1 33.1
229 19.3 15.8 23.8

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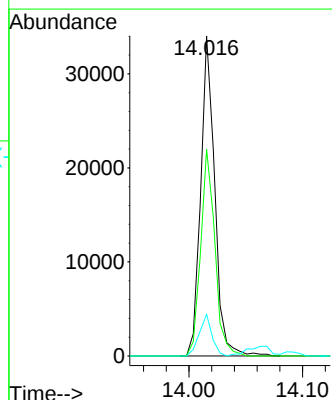
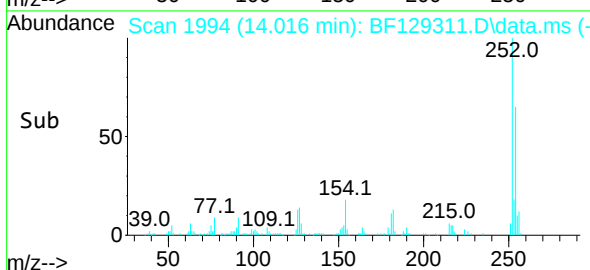
Reviewed By :Christian Giraldo 07/25/2022
Supervised By :Jagrut Upadhyay 07/25/2022

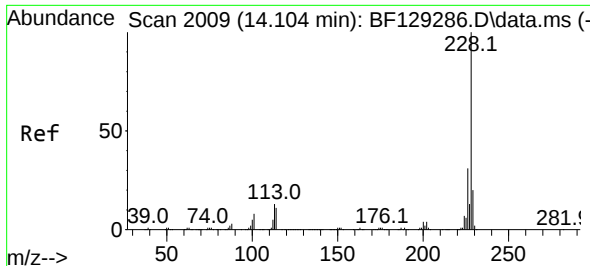


#82
3,3'-Dichlorobenzidine
Concen: 3.625 ng
RT: 14.016 min Scan# 1994
Delta R.T. -0.012 min
Lab File: BF129311.D
Acq: 22 Jul 2022 12:35



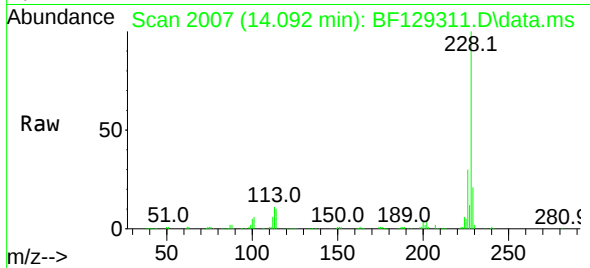
Tgt Ion:252 Resp: 29339
Ion Ratio Lower Upper
252 100
254 64.6 50.2 75.4
126 13.0 8.2 12.4





#83
Chrysene
Concen: 3.669 ng
RT: 14.092 min Scan# 2009
Delta R.T. -0.012 min
Lab File: BF129311.D
Acq: 22 Jul 2022 12:35

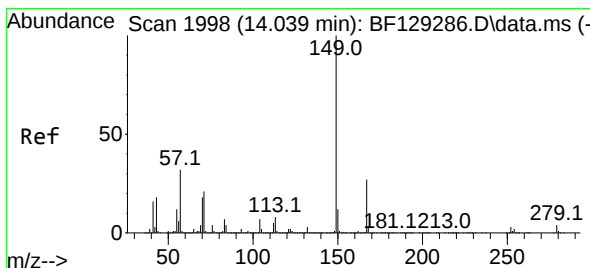
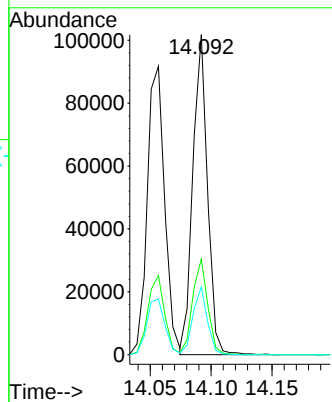
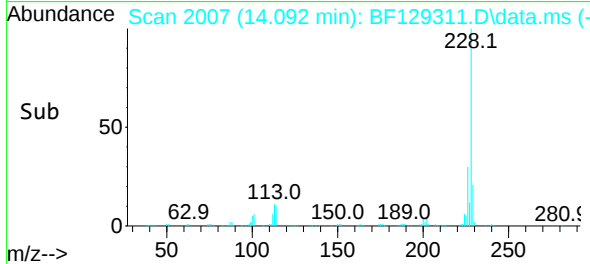
Instrument : BNA_F
ClientSampleId : MDL-WATER-03-QT2-2022



Tgt Ion:228 Resp: 8539
Ion Ratio Lower Upper
228 100
226 29.9 24.3 36.5
229 21.2 15.9 23.9

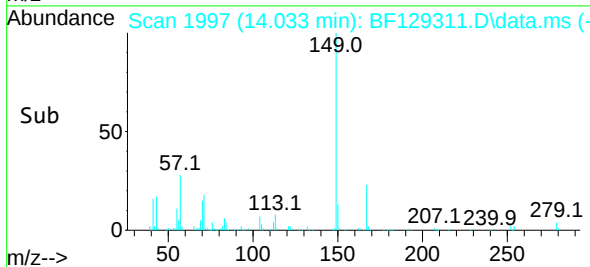
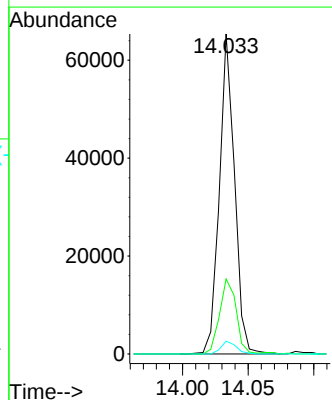
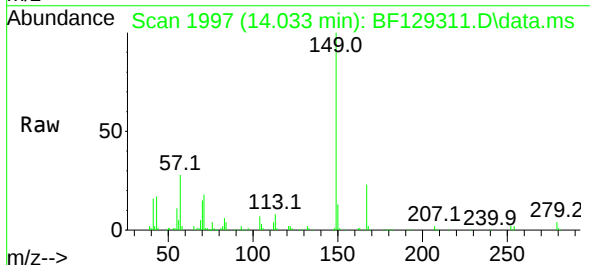
Manual Integrations
APPROVED

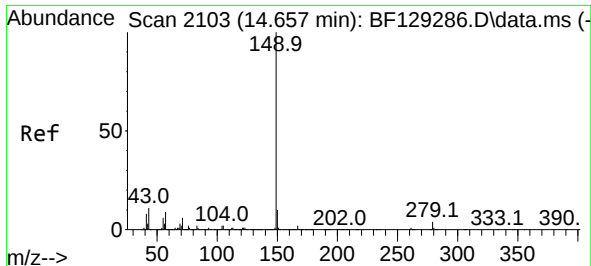
Reviewed By :Christian Giraldo 07/25/2022
Supervised By :Jagrut Upadhyay 07/25/2022



#84
Bis(2-ethylhexyl)phthalate
Concen: 3.416 ng
RT: 14.033 min Scan# 1997
Delta R.T. -0.006 min
Lab File: BF129311.D
Acq: 22 Jul 2022 12:35

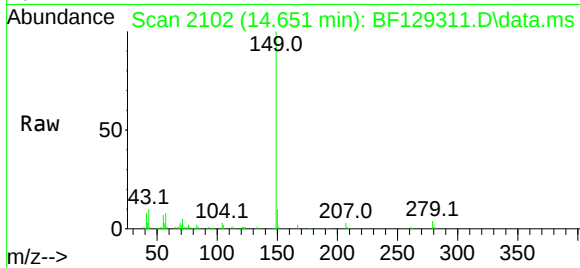
Tgt Ion:149 Resp: 52427
Ion Ratio Lower Upper
149 100
167 23.5 21.0 31.4
279 4.0 3.1 4.7





#85
Di-n-octyl phthalate
Concen: 3.276 ng
RT: 14.651 min Scan# 2103
Delta R.T. -0.006 min
Lab File: BF129311.D
Acq: 22 Jul 2022 12:35

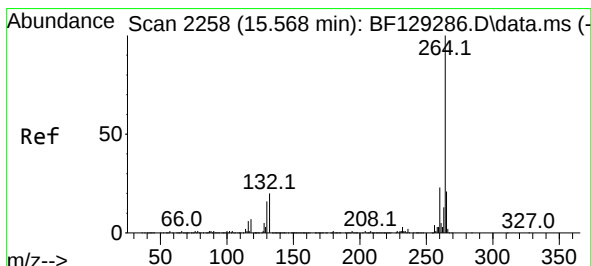
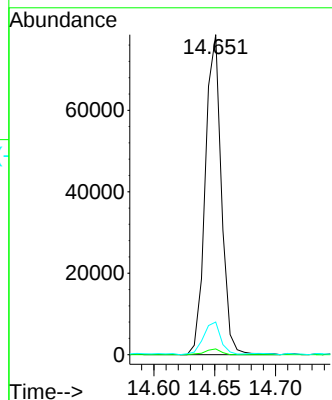
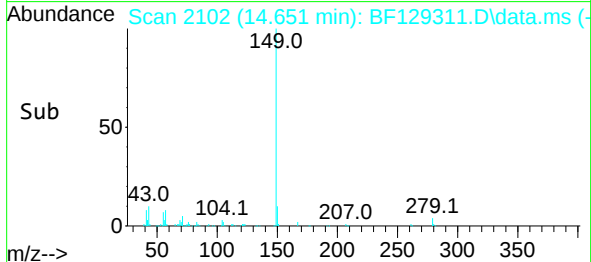
Instrument : BNA_F
ClientSampleId : MDL-WATER-03-QT2-2022



Tgt Ion:149 Resp: 7195
Ion Ratio Lower Upper
149 100
167 1.7 1.3 1.9
43 11.2 9.2 13.8

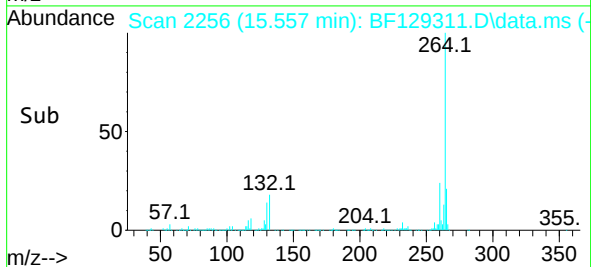
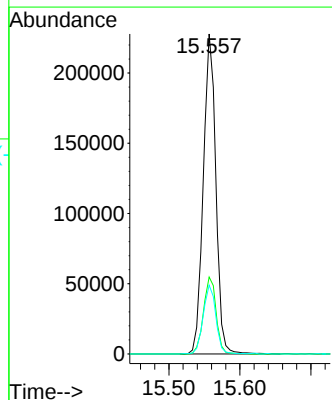
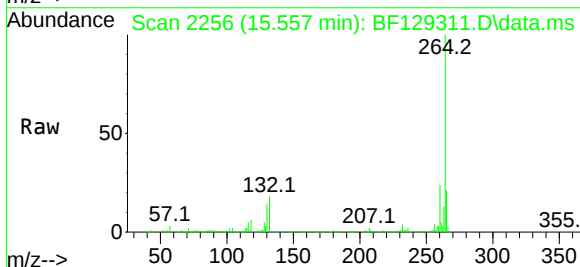
Manual Integrations
APPROVED

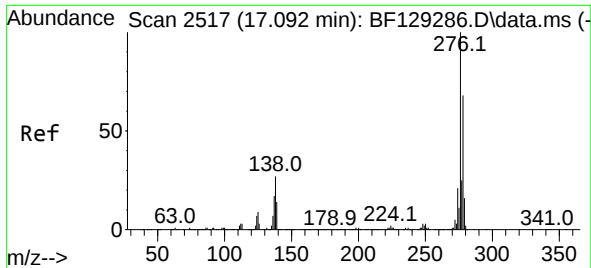
Reviewed By :Christian Giraldo 07/25/2022
Supervised By :Jagrut Upadhyay 07/25/2022



#86
Perylene-d12
Concen: 20.000 ng
RT: 15.557 min Scan# 2256
Delta R.T. -0.012 min
Lab File: BF129311.D
Acq: 22 Jul 2022 12:35

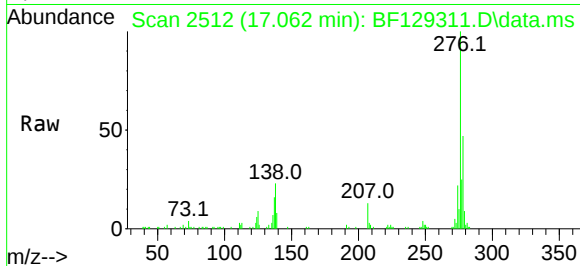
Tgt Ion:264 Resp: 280786
Ion Ratio Lower Upper
264 100
260 24.1 18.4 27.6
265 21.5 17.2 25.8





#87
Indeno(1,2,3-cd)pyrene
Concen: 3.024 ng
RT: 17.062 min Scan# 2111
Delta R.T. -0.029 min
Lab File: BF129311.D
Acq: 22 Jul 2022 12:35

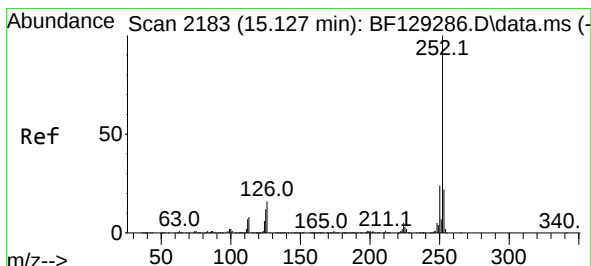
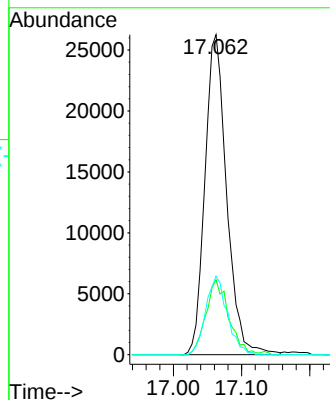
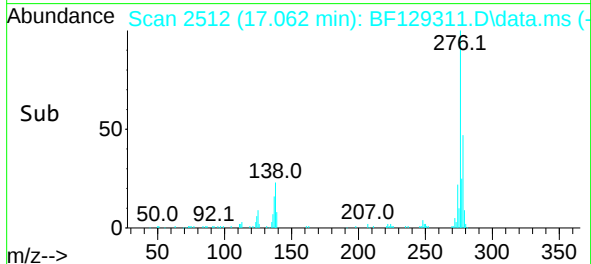
Instrument : BNA_F
ClientSampleId : MDL-WATER-03-QT2-2022



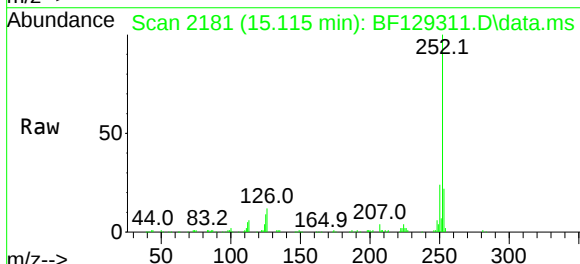
Tgt Ion: 276 Resp: 58209
Ion Ratio Lower Upper
276 100
138 24.7 21.1 31.7
277 24.4 20.3 30.5

Manual Integrations
APPROVED

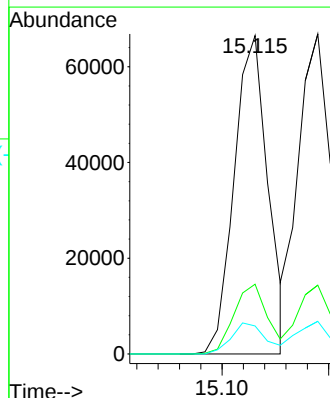
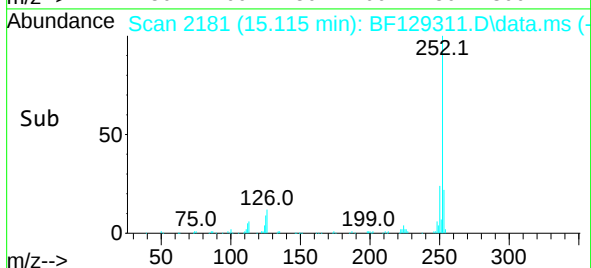
Reviewed By : Christian Giraldo 07/25/2022
Supervised By : Jagrut Upadhyay 07/25/2022

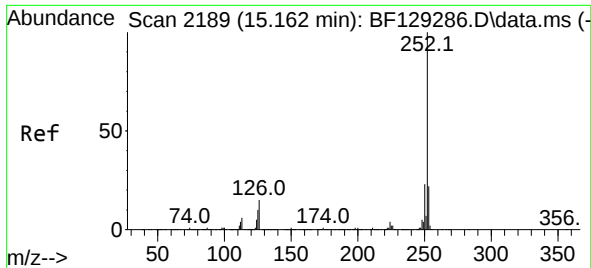


#88
Benzo(b)fluoranthene
Concen: 3.920 ng
RT: 15.115 min Scan# 2181
Delta R.T. -0.012 min
Lab File: BF129311.D
Acq: 22 Jul 2022 12:35



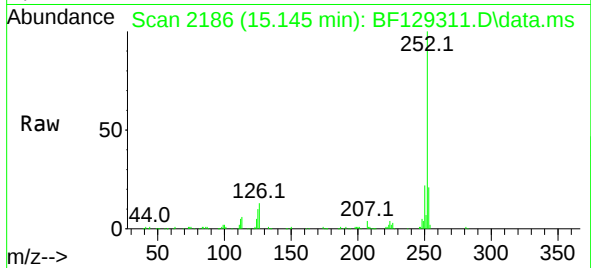
Tgt Ion: 252 Resp: 73254
Ion Ratio Lower Upper
252 100
253 21.9 17.7 26.5
125 8.8 8.0 12.0





#89
Benzo(k)fluoranthene
Concen: 4.039 ng
RT: 15.145 min Scan# 2189
Delta R.T. -0.018 min
Lab File: BF129311.D
Acq: 22 Jul 2022 12:35

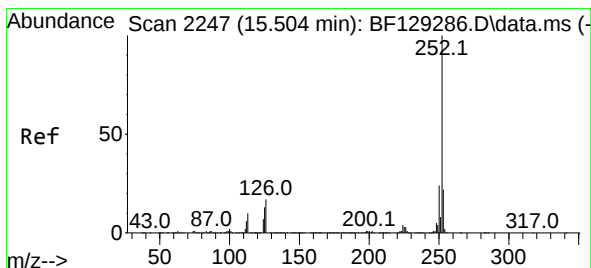
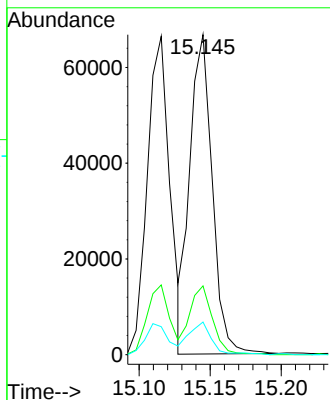
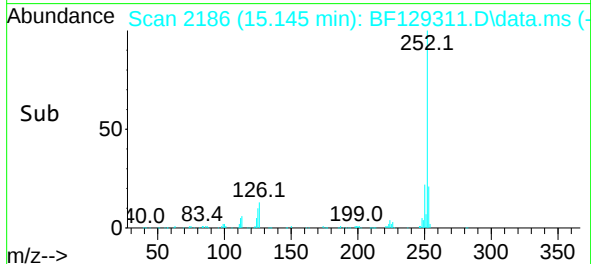
Instrument :
BNA_F
ClientSampleId :
MDL-WATER-03-QT2-2022



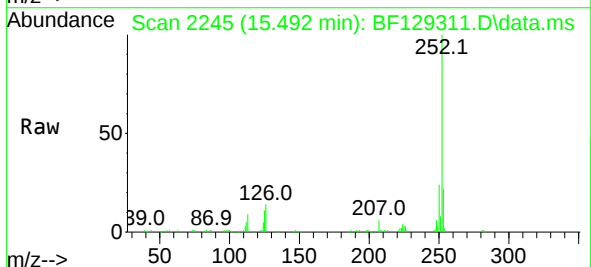
Tgt Ion:252 Resp: 7328
Ion Ratio Lower Upper
252 100
253 21.5 17.8 26.6
125 10.2 8.3 12.5

Manual Integrations
APPROVED

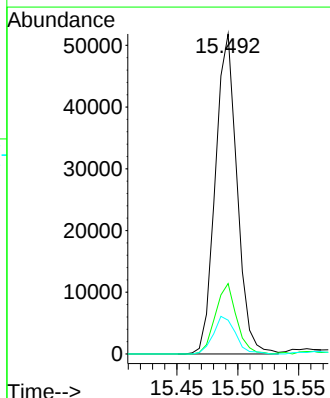
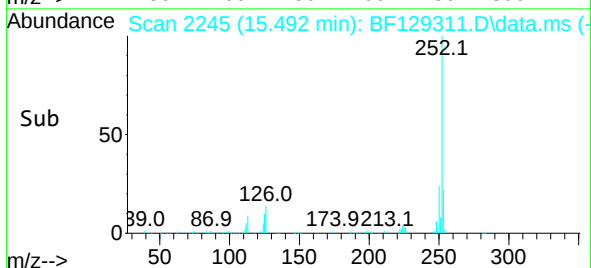
Reviewed By :Christian Giraldo 07/25/2022
Supervised By :Jagrut Upadhyay 07/25/2022

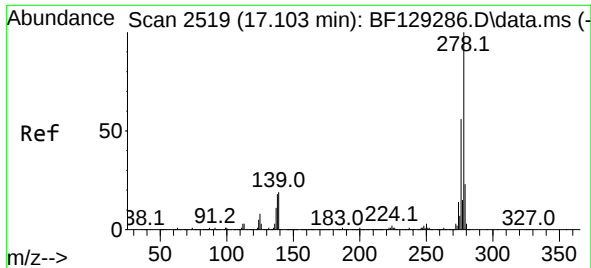


#90
Benzo(a)pyrene
Concen: 4.253 ng
RT: 15.492 min Scan# 2245
Delta R.T. -0.012 min
Lab File: BF129311.D
Acq: 22 Jul 2022 12:35



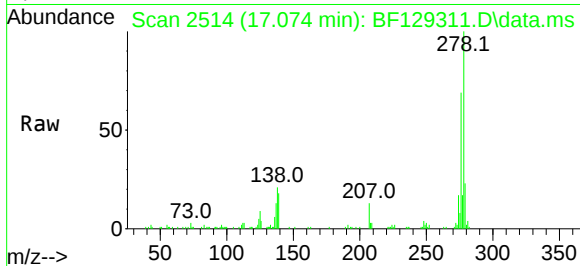
Tgt Ion:252 Resp: 64316
Ion Ratio Lower Upper
252 100
253 22.0 17.0 25.6
125 10.6 8.8 13.2





#91
Dibenzo(a,h)anthracene
Concen: 3.157 ng
RT: 17.074 min Scan# 2514
Delta R.T. -0.029 min
Lab File: BF129311.D
Acq: 22 Jul 2022 12:35

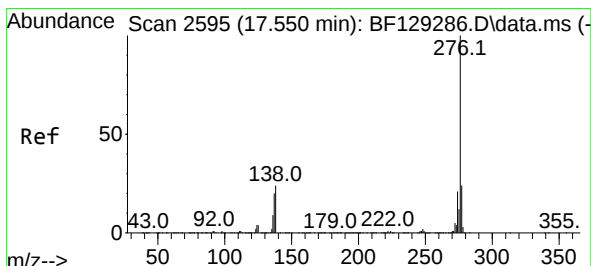
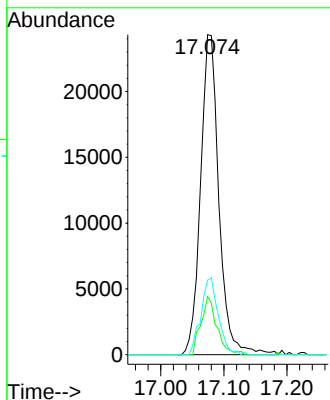
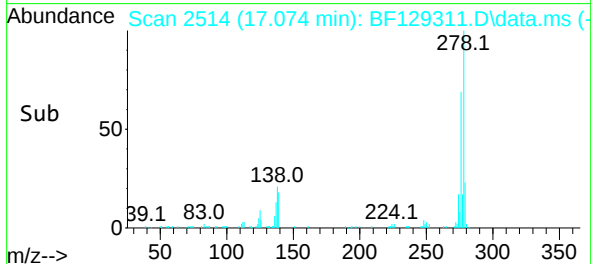
Instrument : BNA_F
ClientSampleId : MDL-WATER-03-QT2-2022



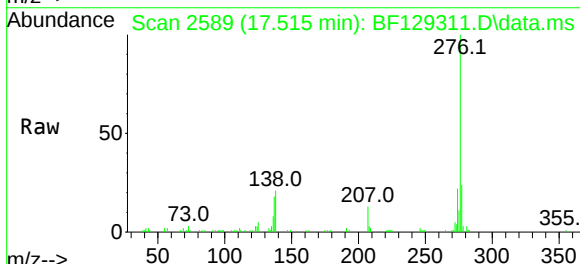
Tgt Ion: 278 Resp: 4898
Ion Ratio Lower Upper
278 100
139 18.2 12.8 19.2
279 23.3 18.6 28.0

Manual Integrations
APPROVED

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



#92
Benzo(g,h,i)perylene
Concen: 3.091 ng
RT: 17.515 min Scan# 2589
Delta R.T. -0.035 min
Lab File: BF129311.D
Acq: 22 Jul 2022 12:35



Tgt Ion: 276 Resp: 49838
Ion Ratio Lower Upper
276 100
277 24.4 19.1 28.7
138 21.3 18.0 27.0

