

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF112222\
 Data File : BF131326.D
 Acq On : 22 Nov 2022 12:31
 Operator : CG\JU
 Sample : N4955-09
 Misc : MDL-MDL-WATER-8ppm
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 MDL-WATER-03-QT4-2022

Quant Time: Nov 23 03:42:44 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF112122.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Nov 23 03:40:59 2022
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By : Christian Giraldo 11/23/2022
 Supervised By : Jagrut Upadhyay 11/23/2022

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.963	152	107243	20.000	ng	0.00
21) Naphthalene-d8	8.257	136	392565	20.000	ng	0.00
39) Acenaphthene-d10	10.022	164	237227	20.000	ng	0.00
64) Phenanthrene-d10	11.516	188	445226	20.000	ng	0.00
76) Chrysene-d12	14.168	240	302803	20.000	ng	#-0.01
86) Perylene-d12	15.709	264	213081	20.000	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.569	112	599593	106.408	ng	0.00
7) Phenol-d6	6.581	99	753862	104.857	ng	0.00
23) Nitrobenzene-d5	7.533	82	569266	73.098	ng	0.00
42) 2,4,6-Tribromophenol	10.810	330	243329	121.920	ng	0.00
45) 2-Fluorobiphenyl	9.333	172	1137889	69.782	ng	0.00
79) Terphenyl-d14	13.115	244	1340294	72.382	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	2.769	88	23412	8.715	ng	98
3) Pyridine	3.563	79	56266	7.543	ng	94
4) n-Nitrosodimethylamine	3.481	42	34336	7.806	ng	95
6) Aniline	6.628	93	86118m	9.140	ng	
8) 2-Chlorophenol	6.745	128	56184	8.801	ng	99
9) Benzaldehyde	6.516	77	52004	10.295	ng	95
10) Phenol	6.592	94	65097	8.167	ng	96
11) bis(2-Chloroethyl)ether	6.698	93	56575	8.471	ng	97
12) 1,3-Dichlorobenzene	6.904	146	65418	8.598	ng	98
13) 1,4-Dichlorobenzene	6.981	146	65441	8.465	ng	98
14) 1,2-Dichlorobenzene	7.139	146	62279	8.749	ng	92
15) Benzyl Alcohol	7.104	79	48509	8.229	ng	99
16) 2,2'-oxybis(1-Chloropr...	7.233	45	109753	8.593	ng	99
17) 2-Methylphenol	7.198	107	45517	8.366	ng	97
18) Hexachloroethane	7.481	117	23453	8.480	ng	95
19) n-Nitroso-di-n-propyla...	7.369	70	43662	8.296	ng	97
20) 3+4-Methylphenols	7.357	107	59874	8.619	ng	92
22) Acetophenone	7.369	105	88860	8.893	ng	# 98
24) Nitrobenzene	7.545	77	67714	8.345	ng	97
25) Isophorone	7.780	82	123180	8.866	ng	99
26) 2-Nitrophenol	7.863	139	19575	9.018	ng	99
27) 2,4-Dimethylphenol	7.892	122	51421	9.547	ng	98
28) bis(2-Chloroethoxy)met...	7.998	93	73016	9.253	ng	99
29) 2,4-Dichlorophenol	8.098	162	49037	8.393	ng	98
30) 1,2,4-Trichlorobenzene	8.192	180	59564	8.230	ng	97
31) Naphthalene	8.275	128	173444	8.291	ng	100
32) Benzoic acid	7.945	122	12820m	4.187	ng	
33) 4-Chloroaniline	8.322	127	71216	8.629	ng	95
34) Hexachlorobutadiene	8.392	225	38558	8.227	ng	97
35) Caprolactam	8.651	113	15083	9.824	ng	# 86
36) 4-Chloro-3-methylphenol	8.792	107	50889	8.384	ng	92
37) 2-Methylnaphthalene	8.969	142	123225	8.694	ng	99
38) 1-Methylnaphthalene	9.069	142	114554	8.334	ng	98
40) 1,2,4,5-Tetrachloroben...	9.133	216	63781	8.285	ng	99
41) Hexachlorocyclopentadiene	9.122	237	30580	8.836	ng	99
43) 2,4,6-Trichlorophenol	9.239	196	32177	7.368	ng	95

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.274	196	39770	8.098	ng	95
46) 1,1'-Biphenyl	9.433	154	156585	8.650	ng	99
47) 2-Chloronaphthalene	9.463	162	119338	8.218	ng	98
48) 2-Nitroaniline	9.551	65	33873	7.682	ng	97
49) Acenaphthylene	9.874	152	186488	8.424	ng	99
50) Dimethylphthalate	9.727	163	143944	8.709	ng	98
51) 2,6-Dinitrotoluene	9.792	165	26748	8.092	ng	89
52) Acenaphthene	10.051	154	114247	8.242	ng	98
53) 3-Nitroaniline	9.963	138	27262	8.026	ng	97
54) 2,4-Dinitrophenol	10.063	184	5563	5.009	ng	# 65
55) Dibenzofuran	10.222	168	172845	8.667	ng	99
56) 4-Nitrophenol	10.104	139	18941	8.035	ng	98
57) 2,4-Dinitrotoluene	10.192	165	33676	8.097	ng	95
58) Fluorene	10.569	166	136196	8.750	ng	100
59) 2,3,4,6-Tetrachlorophenol	10.333	232	33139	8.103	ng	97
60) Diethylphthalate	10.433	149	139918	8.965	ng	99
61) 4-Chlorophenyl-phenyle...	10.563	204	72593	9.098	ng	94
62) 4-Nitroaniline	10.574	138	27654	8.181	ng	99
63) Azobenzene	10.721	77	144760	8.626	ng	95
65) 4,6-Dinitro-2-methylph...	10.598	198	9406	5.368	ng	96
66) n-Nitrosodiphenylamine	10.674	169	117587	8.288	ng	99
67) 4-Bromophenyl-phenylether	11.051	248	44866	8.222	ng	91
68) Hexachlorobenzene	11.116	284	48520	8.378	ng	# 92
69) Atrazine	11.198	200	42771	9.792	ng	96
70) Pentachlorophenol	11.310	266	21228	7.144	ng	96
71) Phenanthrene	11.539	178	203632	8.463	ng	98
72) Anthracene	11.586	178	206166	8.719	ng	99
73) Carbazole	11.745	167	177105	8.780	ng	98
74) Di-n-butylphthalate	12.074	149	214533	9.026	ng	99
75) Fluoranthene	12.733	202	216601	8.543	ng	98
77) Benzidine	12.857	184	91678	16.391	ng	100
78) Pyrene	12.963	202	219615	8.220	ng	99
80) Butylbenzylphthalate	13.586	149	64697	8.405	ng	96
81) Benzo(a)anthracene	14.157	228	169474	8.165	ng	98
82) 3,3'-Dichlorobenzidine	14.121	252	52342	9.503	ng	97
83) Chrysene	14.198	228	162386	7.974	ng	98
84) Bis(2-ethylhexyl)phtha...	14.145	149	90435	8.704	ng	98
85) Di-n-octyl phthalate	14.774	149	102738	6.558	ng	99
87) Indeno(1,2,3-cd)pyrene	17.274	276	95735	6.689	ng	97
88) Benzo(b)fluoranthene	15.245	252	118372m	8.362	ng	
89) Benzo(k)fluoranthene	15.280	252	122231	8.403	ng	96
90) Benzo(a)pyrene	15.639	252	94517	8.138	ng	# 98
91) Dibenzo(a,h)anthracene	17.303	278	82247	6.961	ng	98
92) Benzo(g,h,i)perylene	17.750	276	82712	7.014	ng	97

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

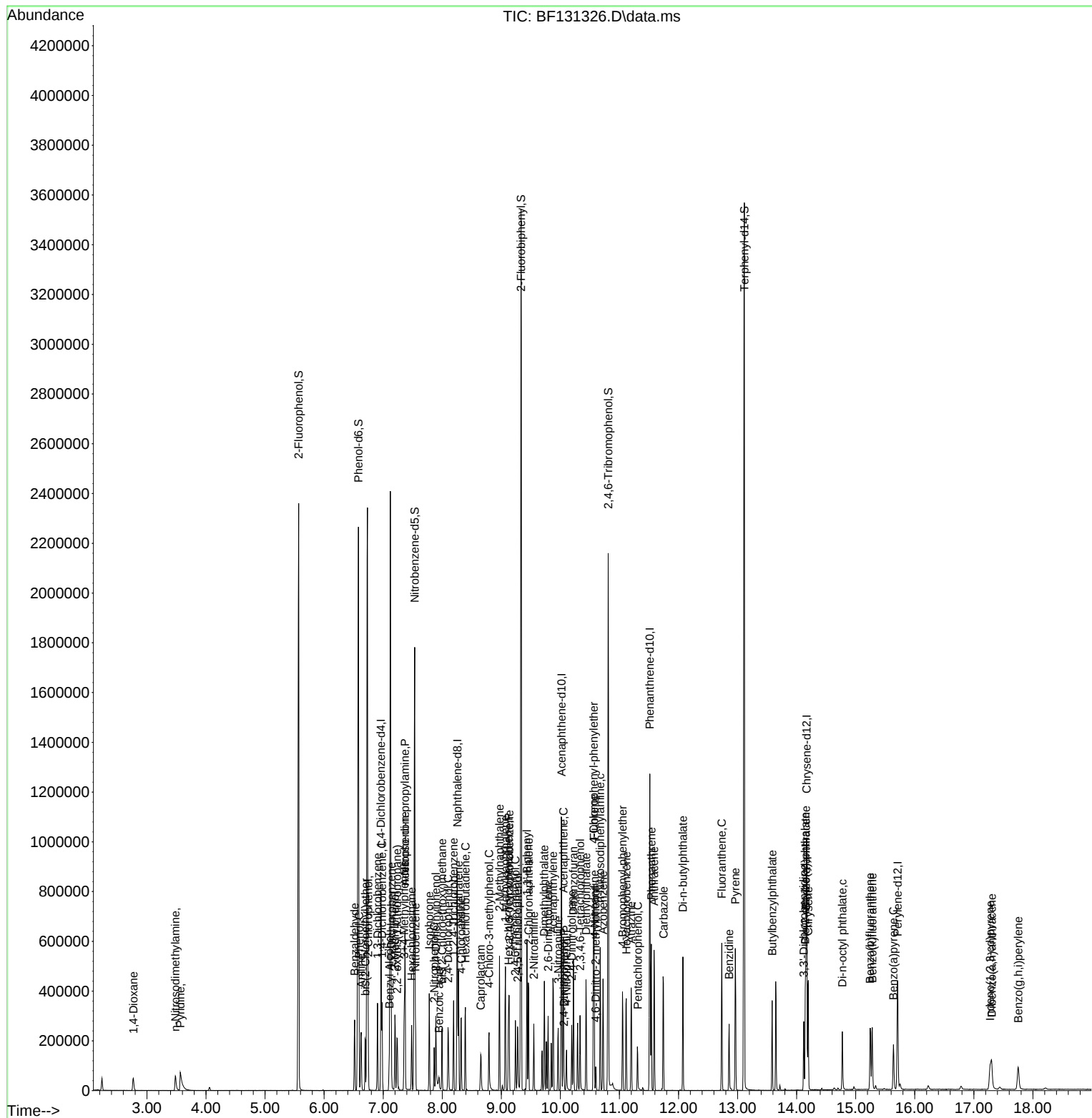
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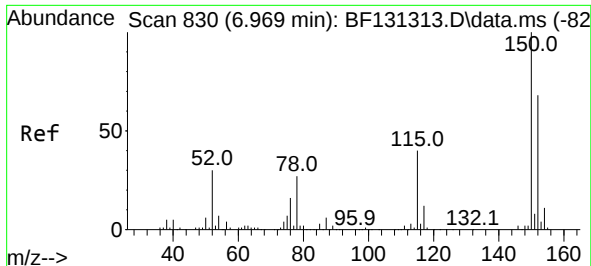
Instrument :
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 ClientSampleId :
 MDL-WATER-03-QT4-2022

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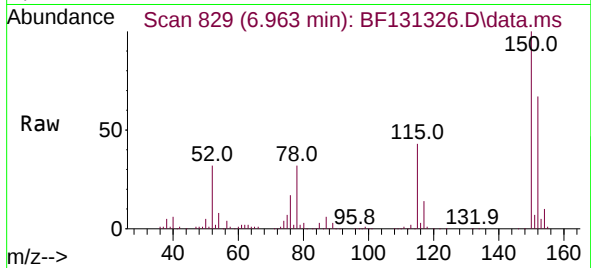
Reviewed By : Christian Giraldo 11/23/2022
 Supervised By : Jagrut Upadhyay 11/23/2022





#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.963 min Scan# 81
Delta R.T. -0.006 min
Lab File: BF131326.D
Acq: 22 Nov 2022 12:31

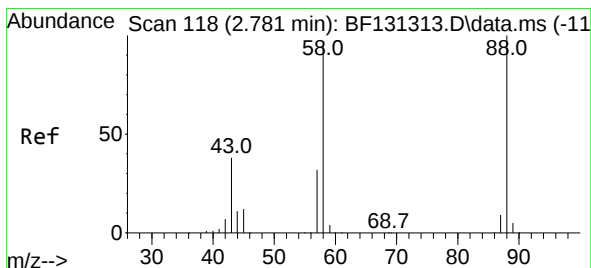
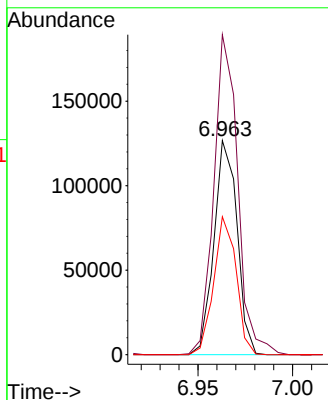
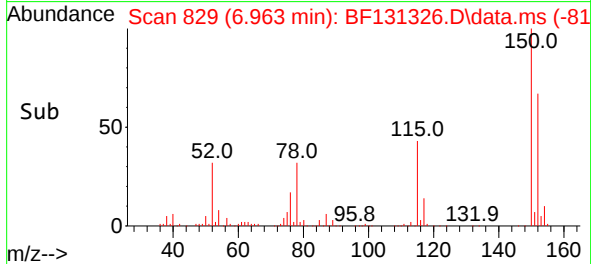
Instrument :
BNA_F
ClientSampleId :
MDL-WATER-03-QT4-2022



Tgt Ion:152 Resp: 107243
Ion Ratio Lower Upper
152 100
150 149.5 117.8 176.8
115 64.4 47.1 70.7

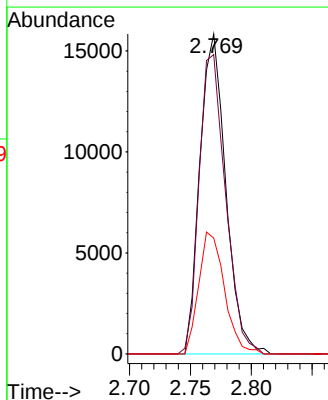
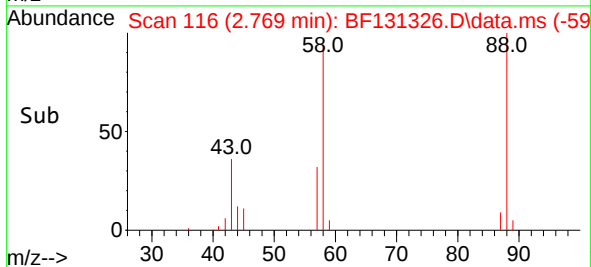
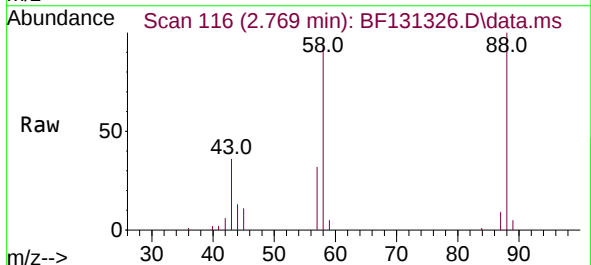
Manual Integrations
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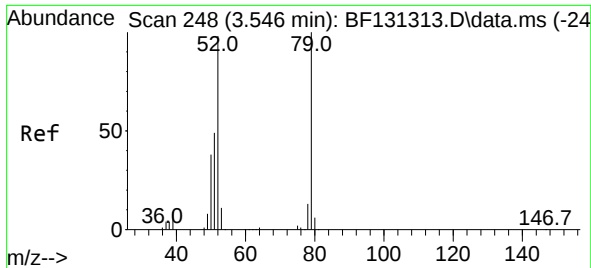
Reviewed By :Christian Giraldo 11/23/2022
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#2
1,4-Dioxane
Concen: 8.715 ng
RT: 2.769 min Scan# 116
Delta R.T. -0.012 min
Lab File: BF131326.D
Acq: 22 Nov 2022 12:31

Tgt Ion: 88 Resp: 23412
Ion Ratio Lower Upper
88 100
58 95.6 78.2 117.4
43 37.9 31.6 47.4





#3

Pyridine

Concen: 7.543 ng

RT: 3.563 min Scan# 21

Delta R.T. 0.017 min

Lab File: BF131326.D

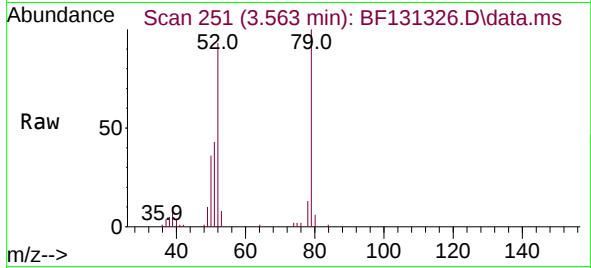
Acq: 22 Nov 2022 12:31

Instrument :

BNA_F

ClientSampleId :

MDL-WATER-03-QT4-2022



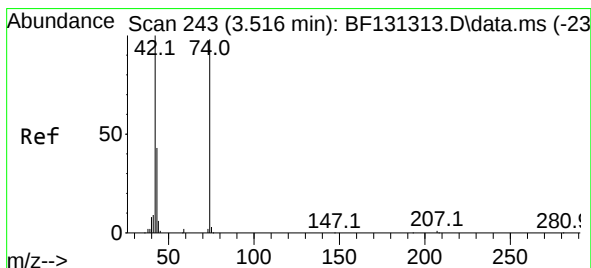
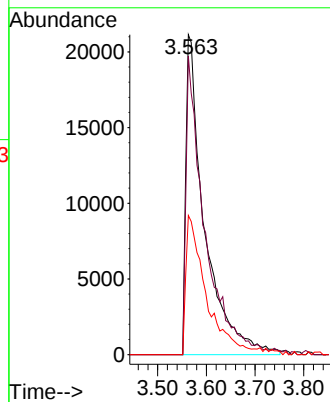
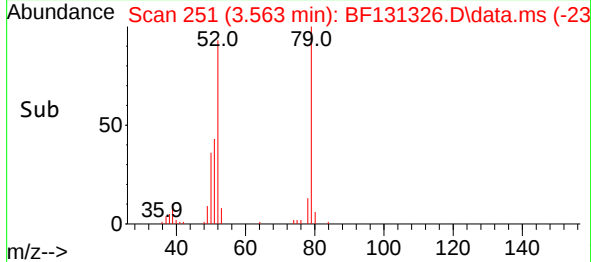
Tgt Ion:	79	Resp:	5626
Ion Ratio	Lower	Upper	
79	100		
52	93.3	78.7	118.1
51	43.5	39.3	58.9

Manual Integrations

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#4

n-Nitrosodimethylamine

Concen: 7.806 ng

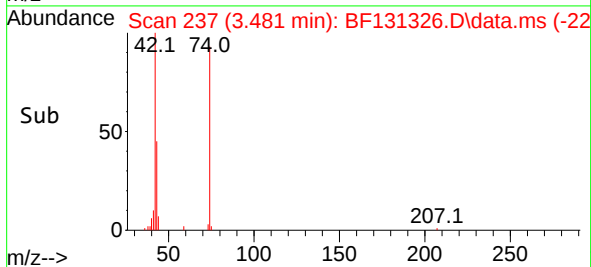
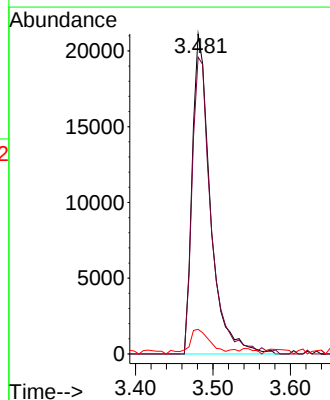
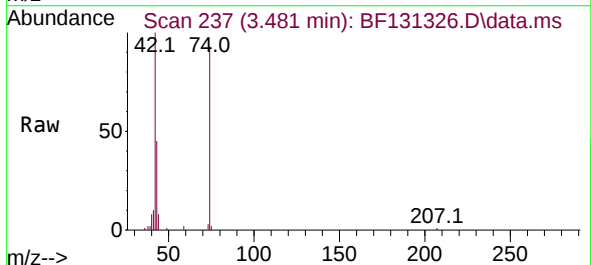
RT: 3.481 min Scan# 237

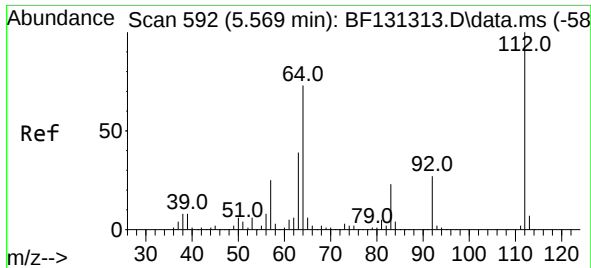
Delta R.T. -0.035 min

Lab File: BF131326.D

Acq: 22 Nov 2022 12:31

Tgt Ion:	42	Resp:	34336
Ion Ratio	Lower	Upper	
42	100		
74	92.7	78.0	117.0
44	7.7	5.2	7.8





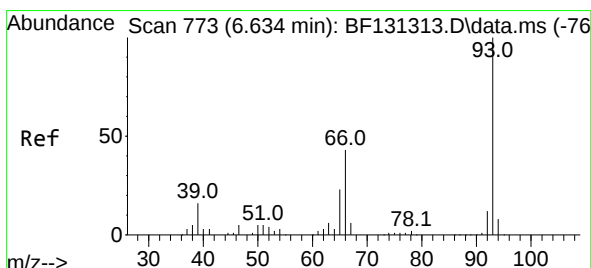
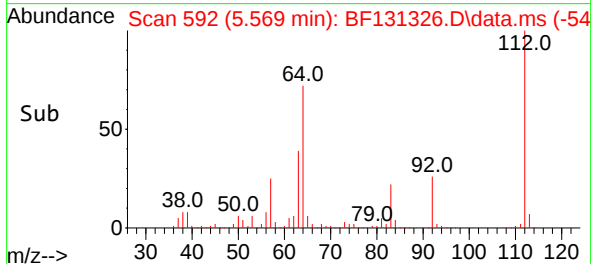
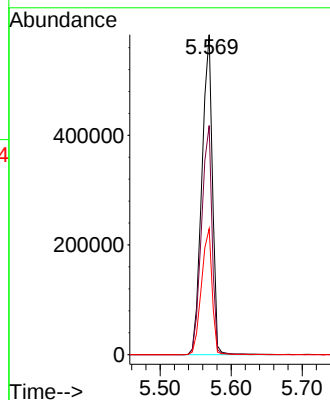
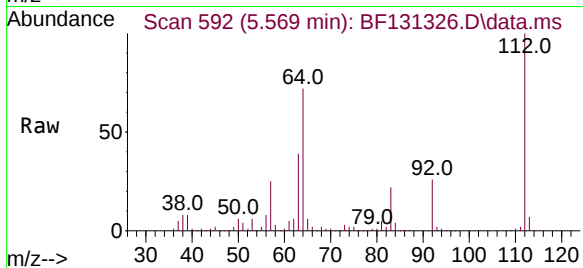
#5
2-Fluorophenol
Concen: 106.408 ng
RT: 5.569 min Scan# 592
Delta R.T. -0.000 min
Lab File: BF131326.D
Acq: 22 Nov 2022 12:31

Instrument :
BNA_F
ClientSampleId :
MDL-WATER-03-QT4-2022

Tgt Ion:112 Resp: 599593
Ion Ratio Lower Upper
112 100
64 71.6 58.6 88.0
63 39.4 31.4 47.0

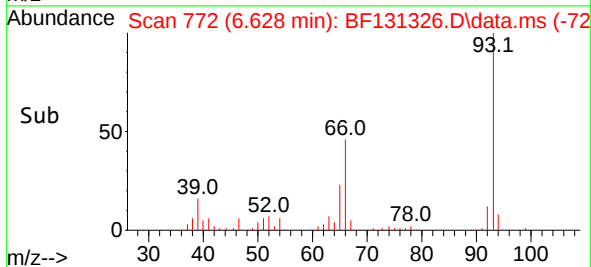
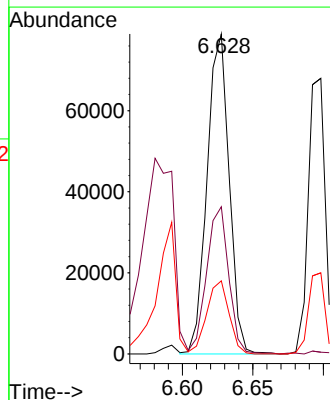
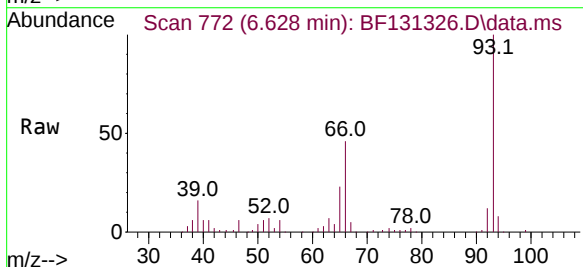
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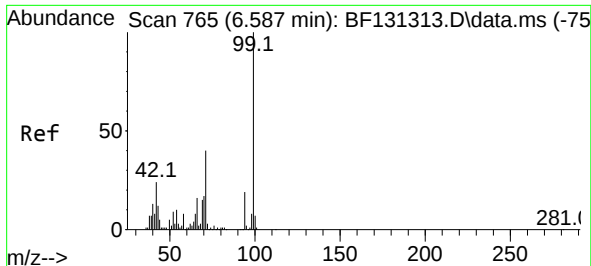
Reviewed By :Christian Giraldo 11/23/2022
Supervised By :Jagrut Upadhyay 11/23/2022



#6
Aniline
Concen: 9.140 ng m
RT: 6.628 min Scan# 772
Delta R.T. -0.006 min
Lab File: BF131326.D
Acq: 22 Nov 2022 12:31

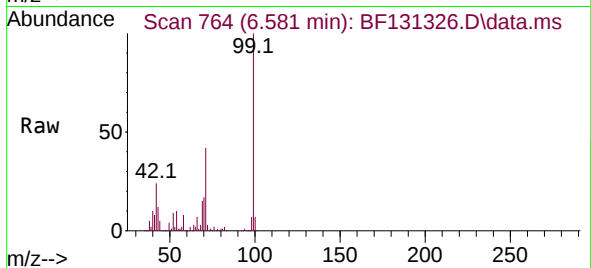
Tgt Ion: 93 Resp: 86118
Ion Ratio Lower Upper
93 100
66 46.0 35.6 53.4
65 22.8 18.4 27.6





#7
Phenol-d6
Concen: 104.857 ng
RT: 6.581 min Scan# 764
Delta R.T. -0.006 min
Lab File: BF131326.D
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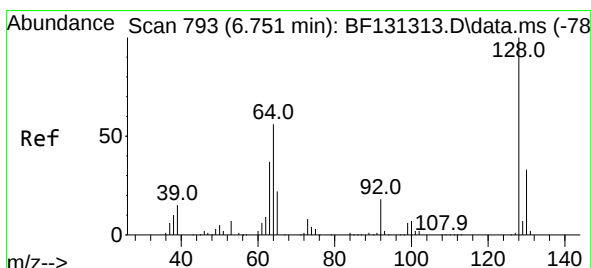
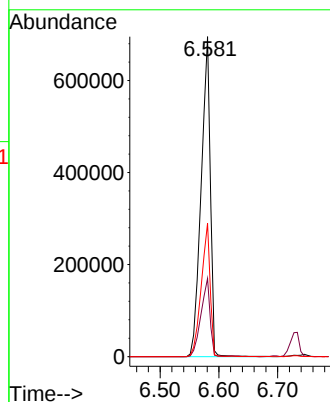
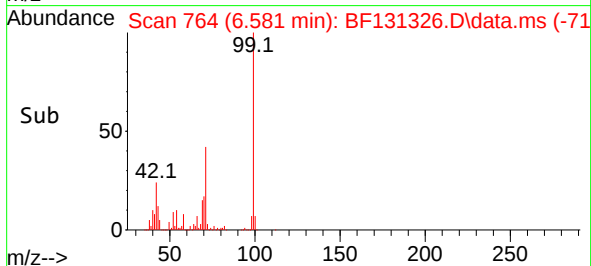
Instrument :
BNA_F
ClientSampleId :
MDL-WATER-03-QT4-2022



Tgt Ion: 99 Resp: 753862
Ion Ratio Lower Upper
99 100
42 24.4 19.4 29.2
71 41.7 32.3 48.5

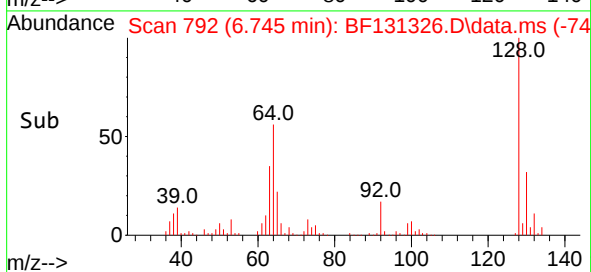
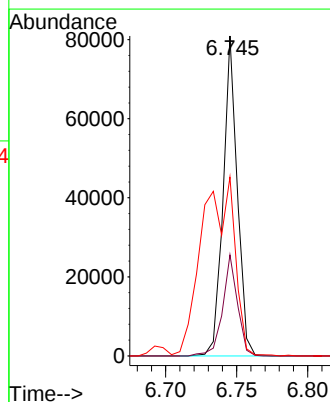
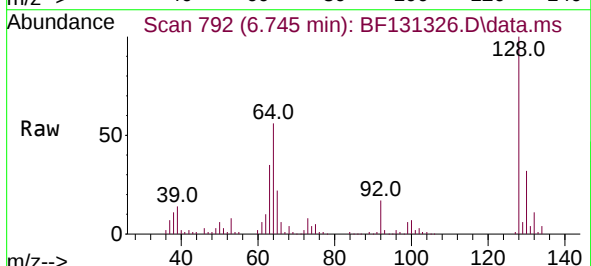
Manual Integrations
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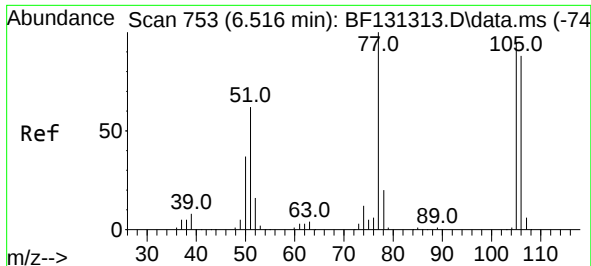
Reviewed By :Christian Giraldo 11/23/2022
Supervised By :Jagrut Upadhyay 11/23/2022



#8
2-Chlorophenol
Concen: 8.801 ng
RT: 6.745 min Scan# 792
Delta R.T. -0.006 min
Lab File: BF131326.D
Acq: 22 Nov 2022 12:31

Tgt Ion:128 Resp: 56184
Ion Ratio Lower Upper
128 100
130 31.6 12.5 52.5
64 55.9 36.9 76.9





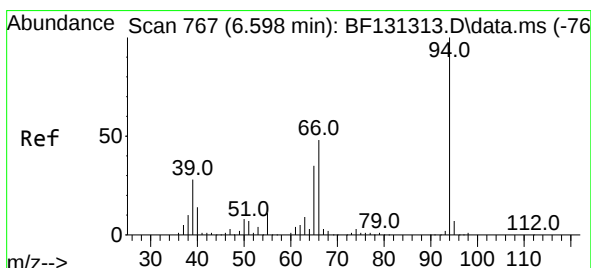
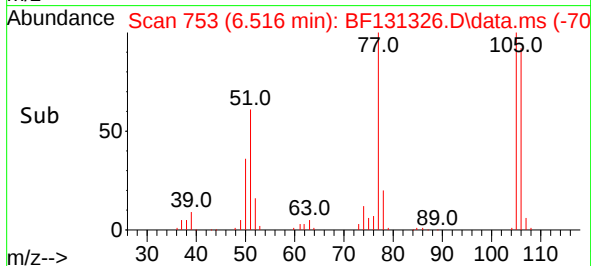
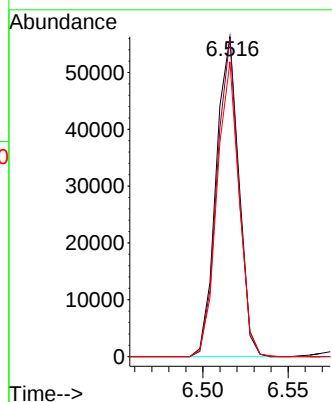
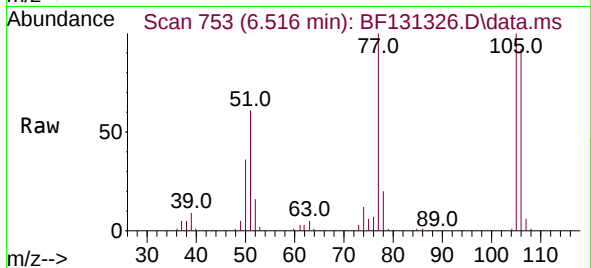
#9
Benzaldehyde
Concen: 10.295 ng
RT: 6.516 min Scan# 753
Delta R.T. -0.000 min
Lab File: BF131326.D
Acq: 22 Nov 2022 12:31

Instrument :
BNA_F
ClientSampleId :
MDL-WATER-03-QT4-2022

Tgt Ion: 77 Resp: 52004
Ion Ratio Lower Upper
77 100
105 99.5 74.5 114.5
106 92.1 68.1 108.1

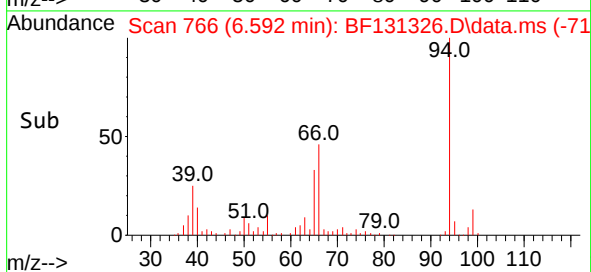
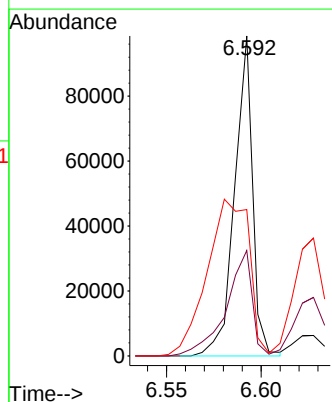
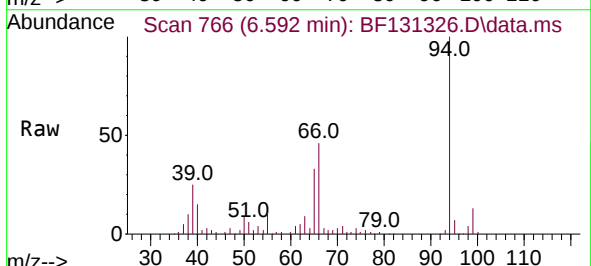
Manual Integrations
APPROVED

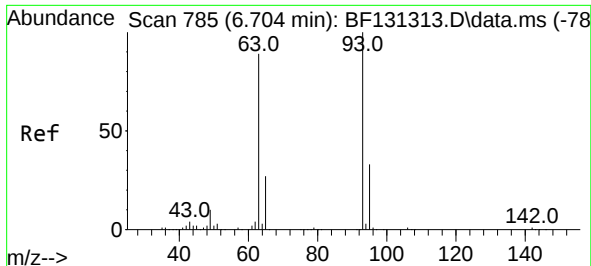
Reviewed By :Christian Giraldo 11/23/2022
Supervised By :Jagrut Upadhyay 11/23/2022



#10
Phenol
Concen: 8.167 ng
RT: 6.592 min Scan# 766
Delta R.T. -0.006 min
Lab File: BF131326.D
Acq: 22 Nov 2022 12:31

Tgt Ion: 94 Resp: 65097
Ion Ratio Lower Upper
94 100
65 32.9 15.0 55.0
66 45.7 28.6 68.6





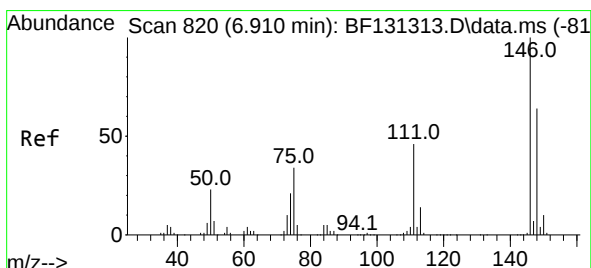
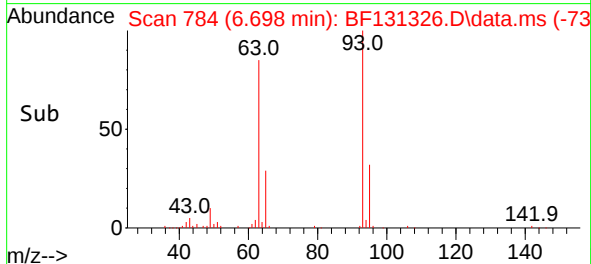
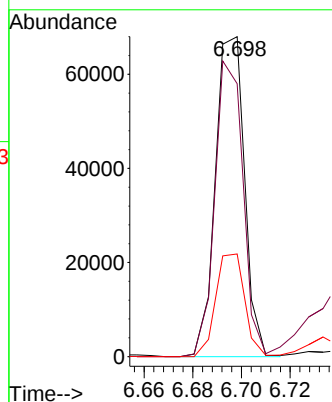
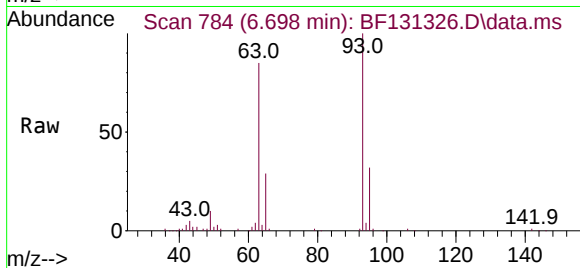
#11
bis(2-Chloroethyl)ether
Concen: 8.471 ng
RT: 6.698 min Scan# 784
Delta R.T. -0.006 min
Lab File: BF131326.D
Acq: 22 Nov 2022 12:31

Instrument :
BNA_F
ClientSampleId :
MDL-WATER-03-QT4-2022

Tgt Ion: 93 Resp: 56579
Ion Ratio Lower Upper
93 100
63 85.3 68.6 108.6
95 32.1 13.1 53.1

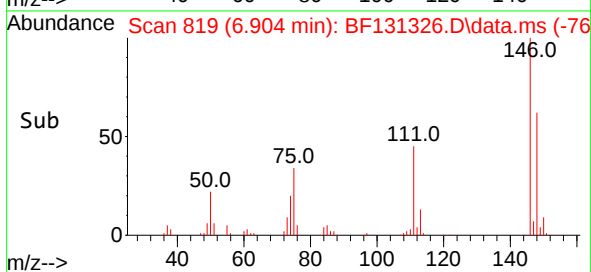
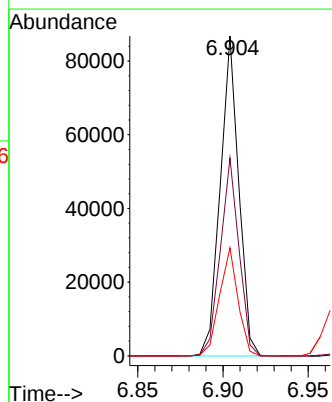
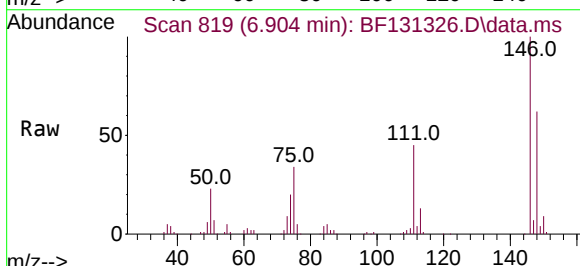
Manual Integrations
APPROVED

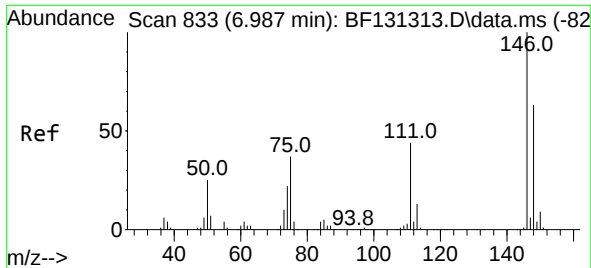
Reviewed By :Christian Giraldo 11/23/2022
Supervised By :Jagrut Upadhyay 11/23/2022



#12
1,3-Dichlorobenzene
Concen: 8.598 ng
RT: 6.904 min Scan# 819
Delta R.T. -0.006 min
Lab File: BF131326.D
Acq: 22 Nov 2022 12:31

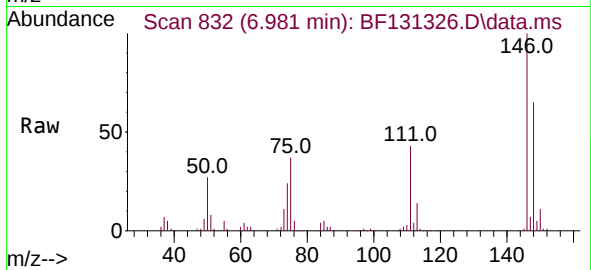
Tgt Ion:146 Resp: 65418
Ion Ratio Lower Upper
146 100
148 61.9 51.4 77.2
75 33.8 27.6 41.4





#13
1,4-Dichlorobenzene
Concen: 8.465 ng
RT: 6.981 min Scan# 833
Delta R.T. -0.006 min
Lab File: BF131326.D
Acq: 22 Nov 2022 12:31

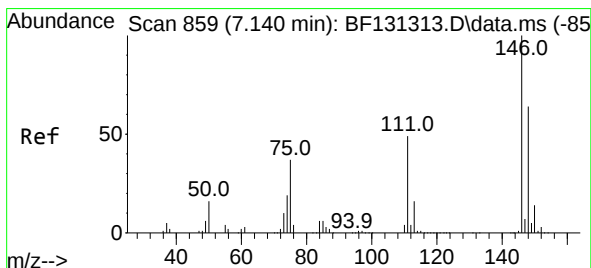
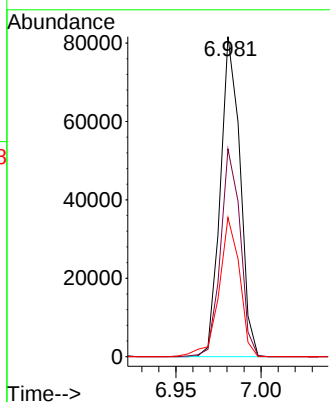
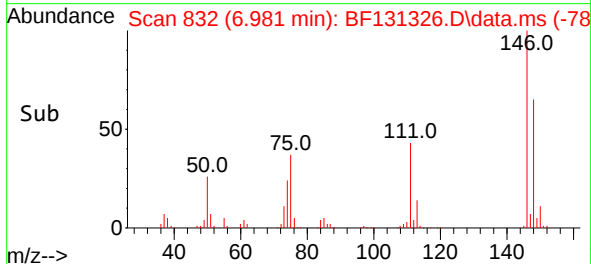
Instrument :
BNA_F
ClientSampleId :
MDL-WATER-03-QT4-2022



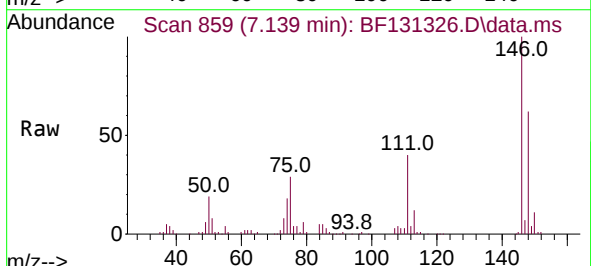
Tgt Ion:146 Resp: 65441
Ion Ratio Lower Upper
146 100
148 64.9 50.2 75.2
111 43.5 35.0 52.6

Manual Integrations
APPROVED

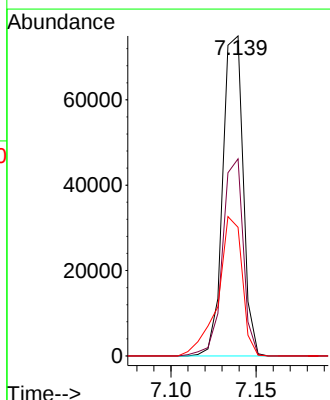
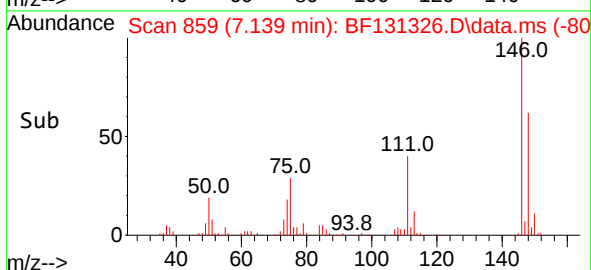
Reviewed By :Christian Giraldo 11/23/2022
Supervised By :Jagrut Upadhyay 11/23/2022

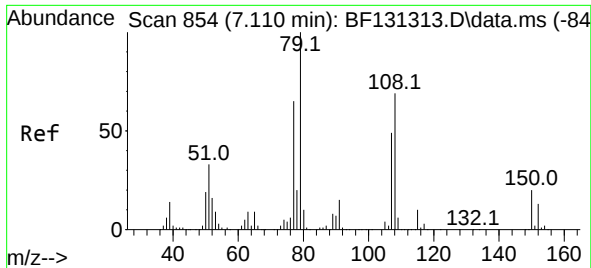


#14
1,2-Dichlorobenzene
Concen: 8.749 ng
RT: 7.139 min Scan# 859
Delta R.T. -0.000 min
Lab File: BF131326.D
Acq: 22 Nov 2022 12:31



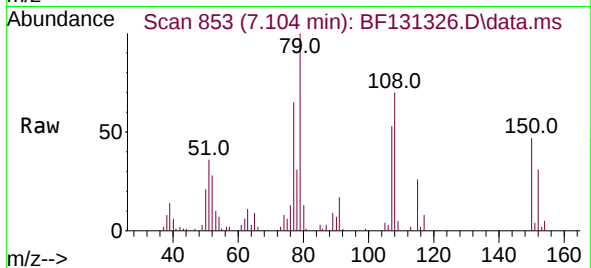
Tgt Ion:146 Resp: 62279
Ion Ratio Lower Upper
146 100
148 61.6 51.4 77.0
111 40.2 39.4 59.0





#15
Benzyl Alcohol
Concen: 8.229 ng
RT: 7.104 min Scan# 81
Delta R.T. -0.006 min
Lab File: BF131326.D
Acq: 22 Nov 2022 12:31

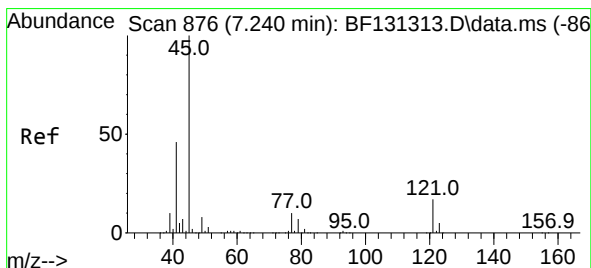
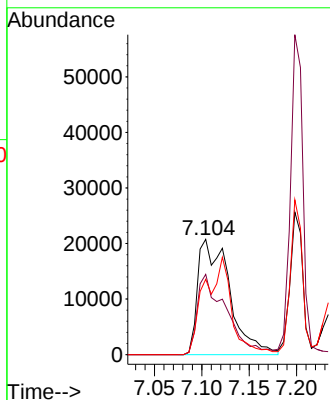
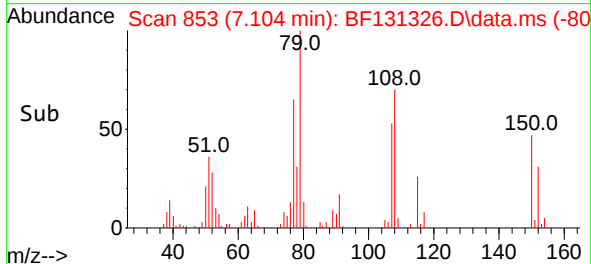
Instrument :
BNA_F
ClientSampleId :
MDL-WATER-03-QT4-2022



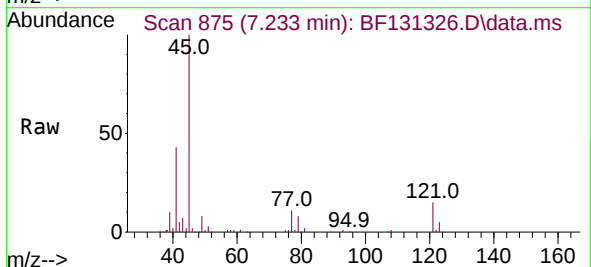
Tgt Ion: 79 Resp: 48509
Ion Ratio Lower Upper
79 100
108 69.7 55.1 82.7
77 65.2 51.8 77.8

Manual Integrations
APPROVED

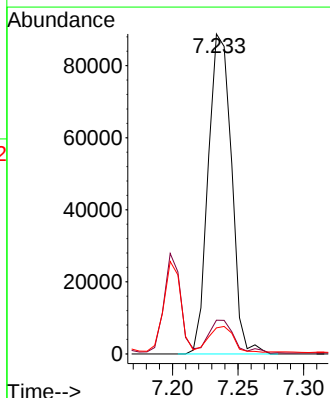
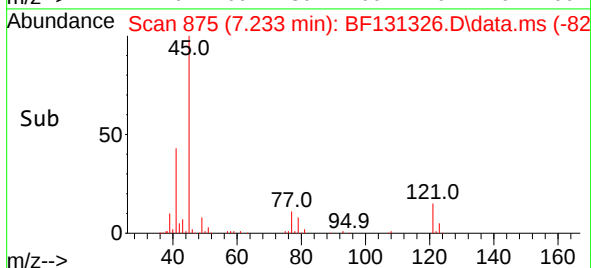
Reviewed By :Christian Giraldo 11/23/2022
Supervised By :Jagrut Upadhyay 11/23/2022

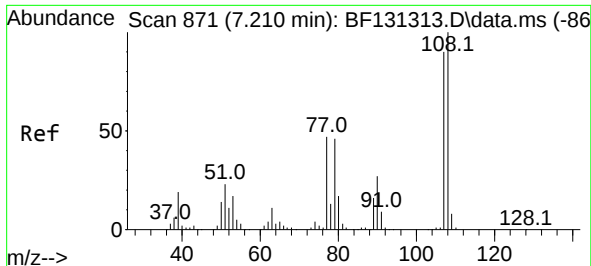


#16
2,2'-oxybis(1-Chloropropane)
Concen: 8.593 ng
RT: 7.233 min Scan# 875
Delta R.T. -0.006 min
Lab File: BF131326.D
Acq: 22 Nov 2022 12:31



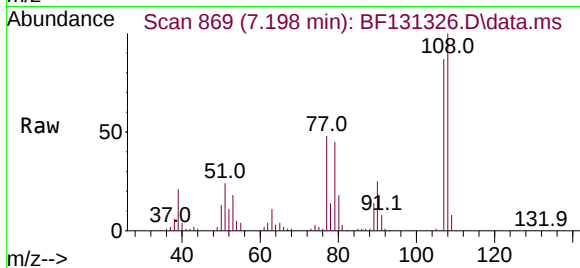
Tgt Ion: 45 Resp: 109753
Ion Ratio Lower Upper
45 100
77 10.5 0.0 31.2
79 8.1 0.0 28.4





#17
2-Methylphenol
Concen: 8.366 ng
RT: 7.198 min Scan# 80
Delta R.T. -0.012 min
Lab File: BF131326.D
Acq: 22 Nov 2022 12:31

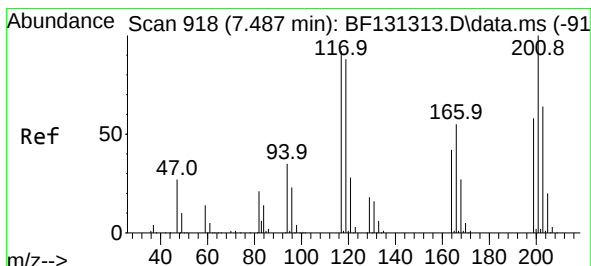
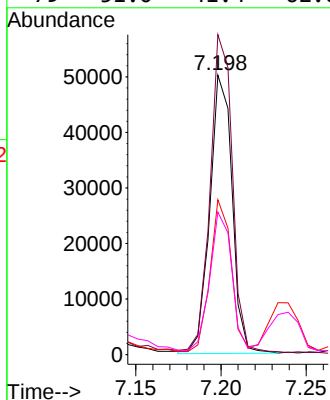
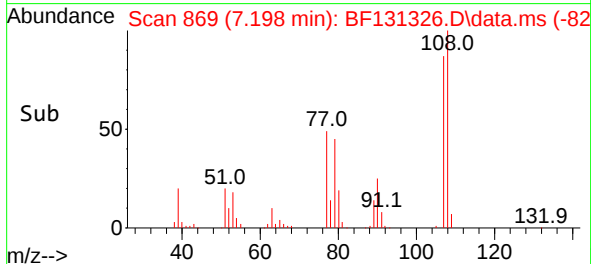
Instrument :
BNA_F
ClientSampleId :
MDL-WATER-03-QT4-2022



Tgt Ion:107 Resp: 4551
Ion Ratio Lower Upper
107 100
108 114.5 89.0 133.6
77 55.4 42.5 63.7
79 51.0 41.4 62.0

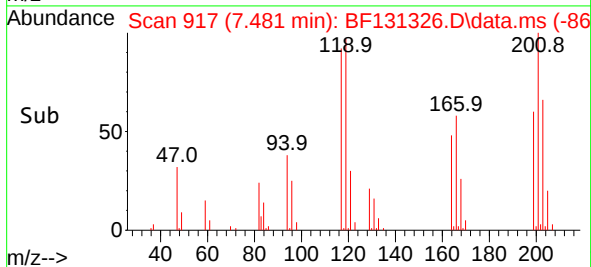
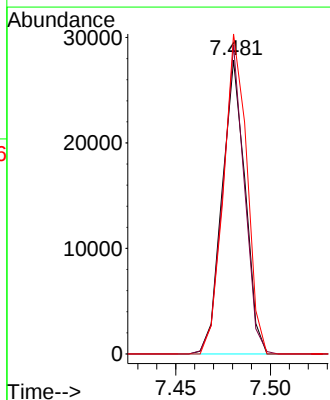
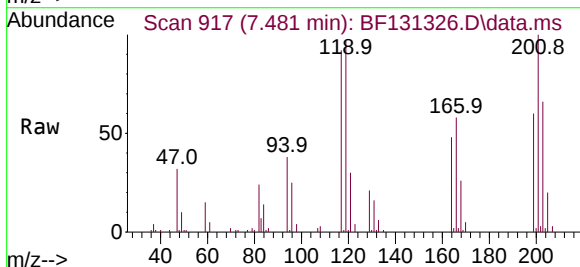
Manual Integrations
APPROVED

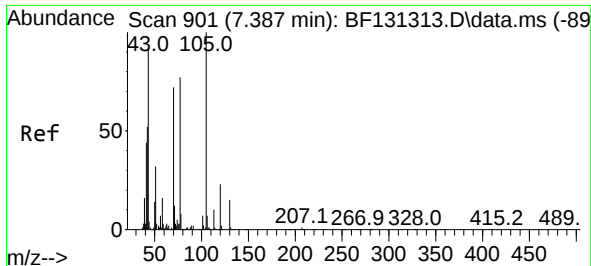
Reviewed By :Christian Giraldo 11/23/2022
Supervised By :Jagrut Upadhyay 11/23/2022



#18
Hexachloroethane
Concen: 8.480 ng
RT: 7.481 min Scan# 917
Delta R.T. -0.006 min
Lab File: BF131326.D
Acq: 22 Nov 2022 12:31

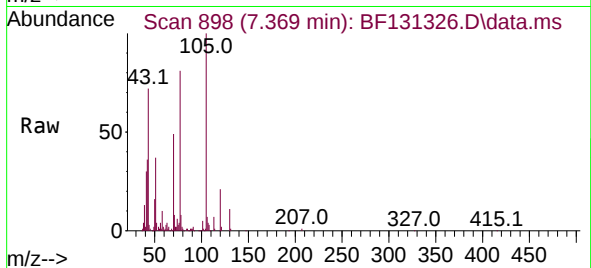
Tgt Ion:117 Resp: 23453
Ion Ratio Lower Upper
117 100
119 105.2 76.6 115.0
201 109.0 87.0 130.6





#19
n-Nitroso-di-n-propylamine
Concen: 8.296 ng
RT: 7.369 min Scan# 895
Delta R.T. -0.018 min
Lab File: BF131326.D
Acq: 22 Nov 2022 12:31

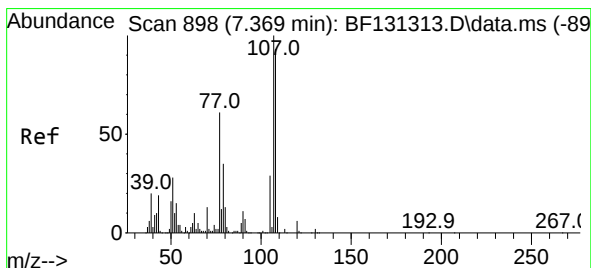
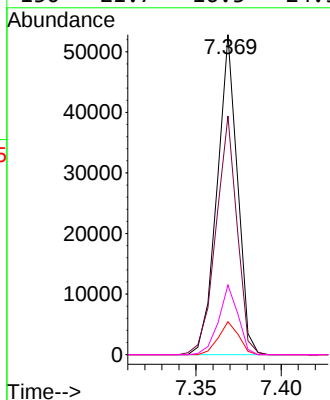
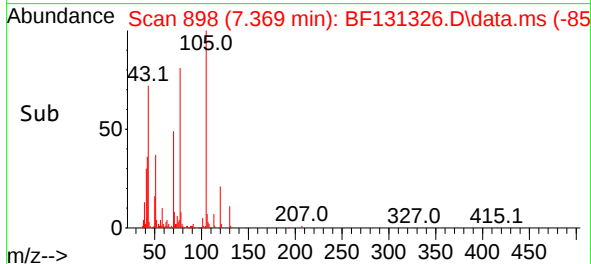
Instrument : BNA_F
ClientSampleId : MDL-WATER-03-QT4-2022



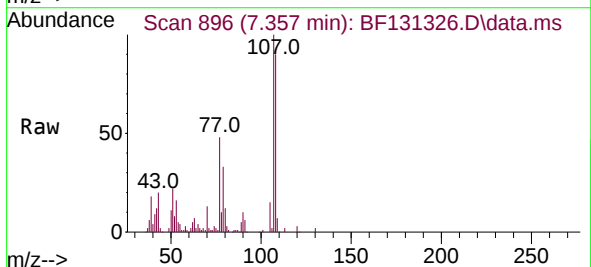
Tgt Ion: 70 Resp: 43662
Ion Ratio Lower Upper
70 100
42 74.6 57.6 86.4
101 10.3 8.2 12.2
130 21.7 16.3 24.5

Manual Integrations
APPROVED

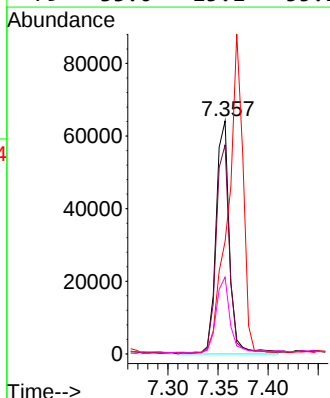
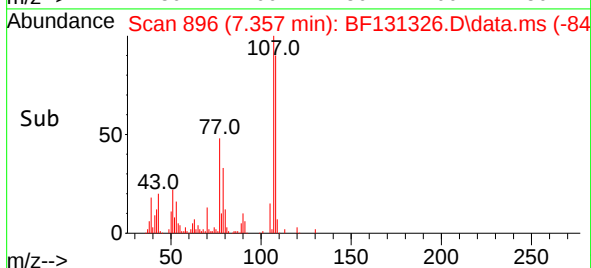
Reviewed By :Christian Giraldo 11/23/2022
Supervised By :Jagrut Upadhyay 11/23/2022

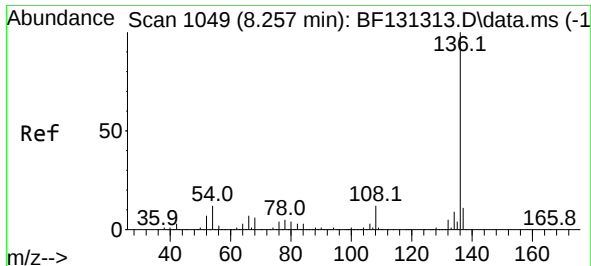


#20
3+4-Methylphenols
Concen: 8.619 ng
RT: 7.357 min Scan# 896
Delta R.T. -0.012 min
Lab File: BF131326.D
Acq: 22 Nov 2022 12:31



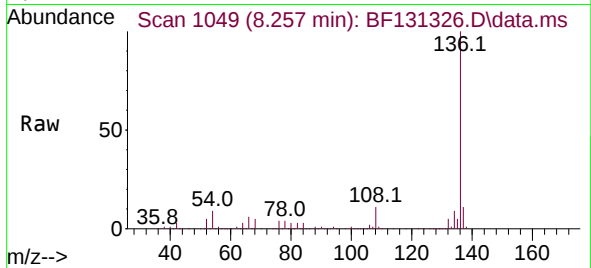
Tgt Ion:107 Resp: 59874
Ion Ratio Lower Upper
107 100
108 89.7 72.6 112.6
77 48.3 41.4 81.4
79 33.0 15.1 55.1





#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.257 min Scan# 1049
Delta R.T. -0.000 min
Lab File: BF131326.D
Acq: 22 Nov 2022 12:31

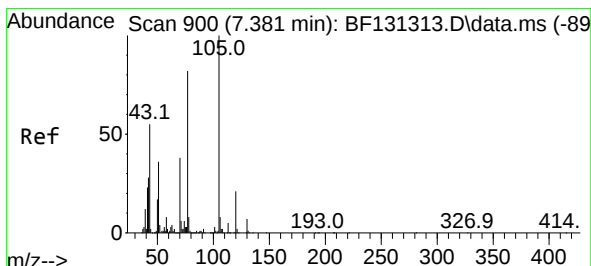
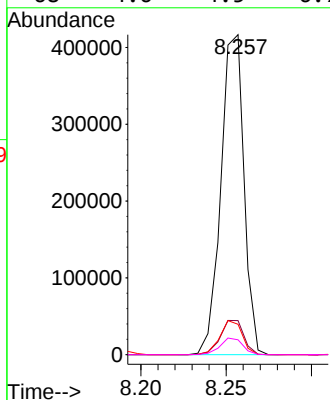
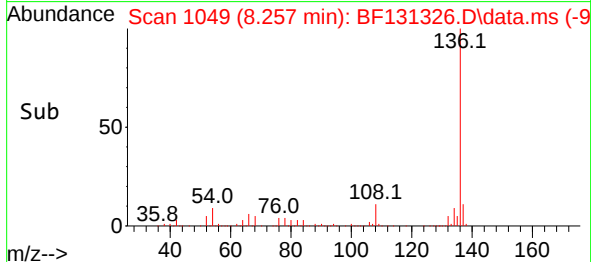
Instrument :
BNA_F
ClientSampleId :
MDL-WATER-03-QT4-2022



Tgt Ion:136 Resp: 392568
Ion Ratio Lower Upper
136 100
137 10.6 9.0 13.6
54 9.5 9.4 14.0
68 4.6 4.5 6.7

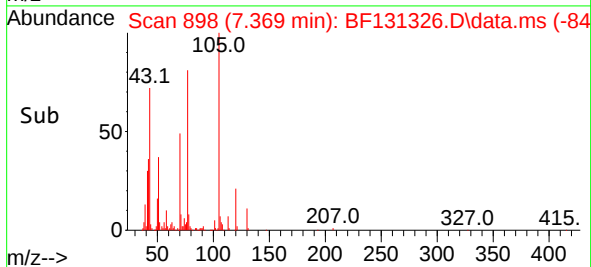
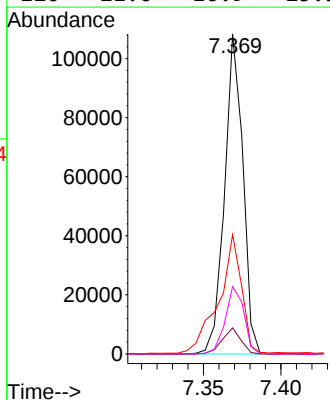
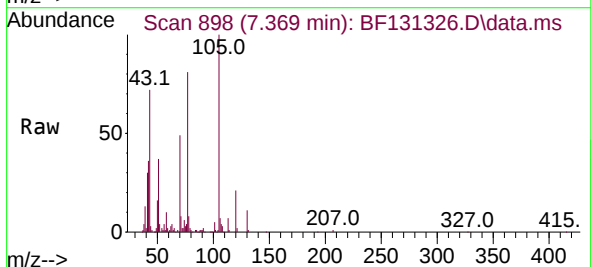
Manual Integrations
APPROVED

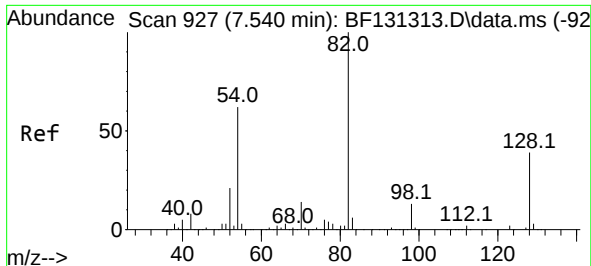
Reviewed By :Christian Giraldo 11/23/2022
Supervised By :Jagrut Upadhyay 11/23/2022



#22
Acetophenone
Concen: 8.893 ng
RT: 7.369 min Scan# 898
Delta R.T. -0.012 min
Lab File: BF131326.D
Acq: 22 Nov 2022 12:31

Tgt Ion:105 Resp: 88860
Ion Ratio Lower Upper
105 100
71 8.1 4.9 7.3#
51 37.3 29.0 43.4
120 21.0 16.9 25.3





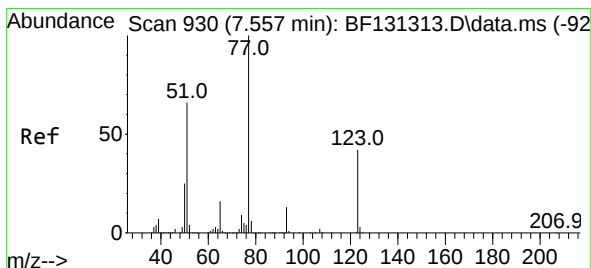
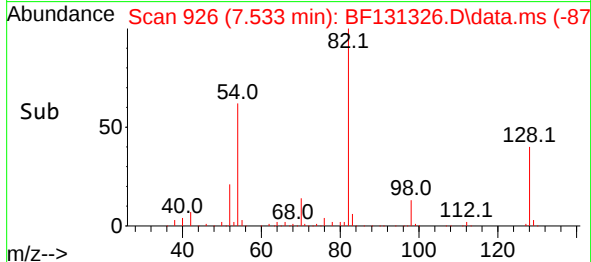
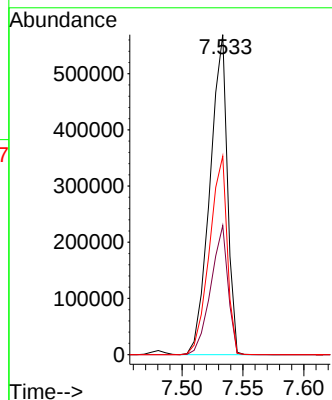
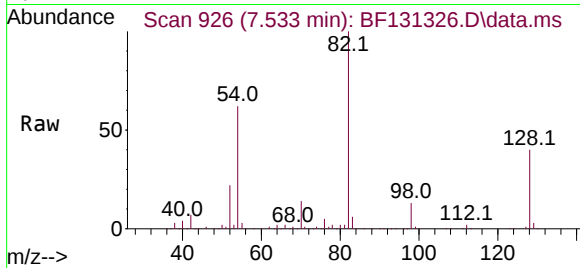
#23
Nitrobenzene-d5
Concen: 73.098 ng
RT: 7.533 min Scan# 91
Delta R.T. -0.006 min
Lab File: BF131326.D
Acq: 22 Nov 2022 12:31

Instrument :
BNA_F
ClientSampleId :
MDL-WATER-03-QT4-2022

Tgt Ion: 82 Resp: 569266
Ion Ratio Lower Upper
82 100
128 40.3 31.4 47.0
54 62.0 49.8 74.6

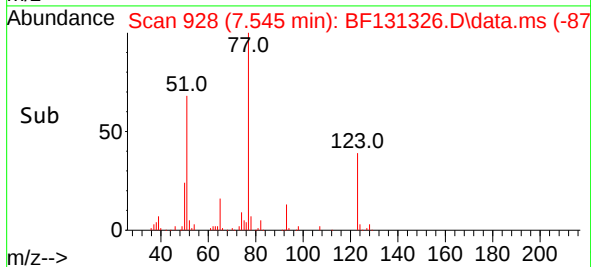
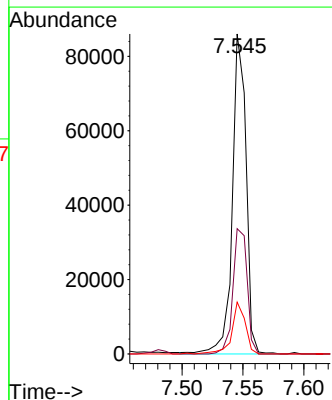
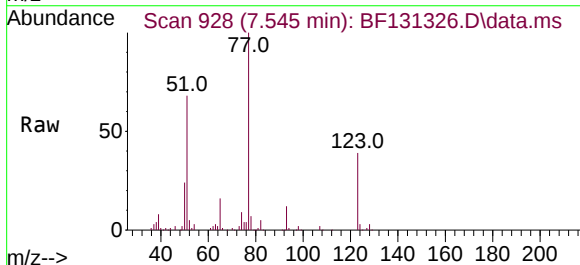
Manual Integrations
APPROVED

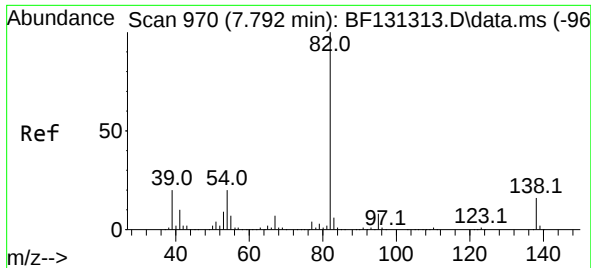
Reviewed By :Christian Giraldo 11/23/2022
Supervised By :Jagrut Upadhyay 11/23/2022



#24
Nitrobenzene
Concen: 8.345 ng
RT: 7.545 min Scan# 928
Delta R.T. -0.012 min
Lab File: BF131326.D
Acq: 22 Nov 2022 12:31

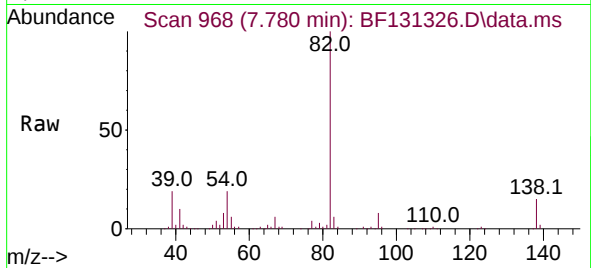
Tgt Ion: 77 Resp: 67714
Ion Ratio Lower Upper
77 100
123 39.1 33.3 49.9
65 16.2 12.7 19.1





#25
Isophorone
Concen: 8.866 ng
RT: 7.780 min Scan# 90
Delta R.T. -0.012 min
Lab File: BF131326.D
Acq: 22 Nov 2022 12:31

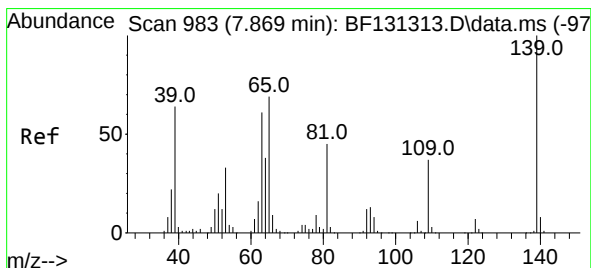
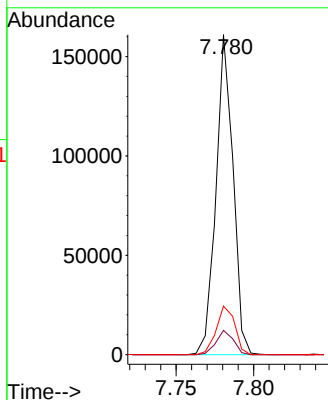
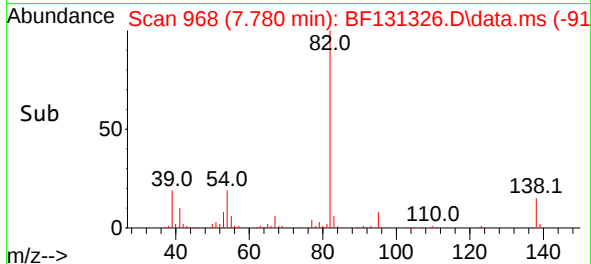
Instrument :
BNA_F
ClientSampleId :
MDL-WATER-03-QT4-2022



Tgt Ion: 82 Resp: 123180
Ion Ratio Lower Upper
82 100
95 7.6 6.2 9.2
138 15.2 12.7 19.1

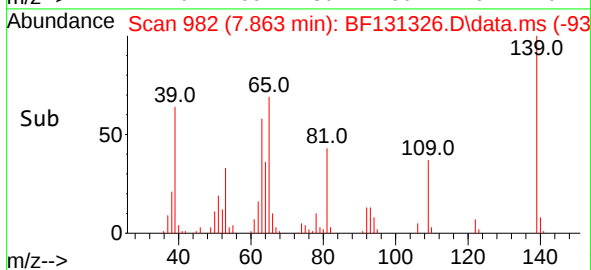
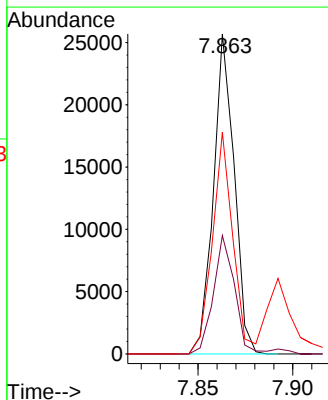
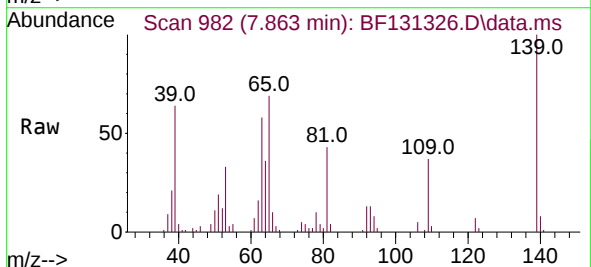
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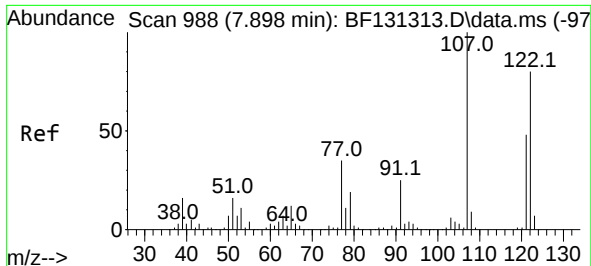
Reviewed By :Christian Giraldo 11/23/2022
Supervised By :Jagrut Upadhyay 11/23/2022



#26
2-Nitrophenol
Concen: 9.018 ng
RT: 7.863 min Scan# 982
Delta R.T. -0.006 min
Lab File: BF131326.D
Acq: 22 Nov 2022 12:31

Tgt Ion:139 Resp: 19575
Ion Ratio Lower Upper
139 100
109 37.0 29.9 44.9
65 69.3 55.7 83.5





#27

2,4-Dimethylphenol

Concen: 9.547 ng

RT: 7.892 min Scan# 988

Delta R.T. -0.006 min

Lab File: BF131326.D

Acq: 22 Nov 2022 12:31

Instrument :

BNA_F

ClientSampleId :

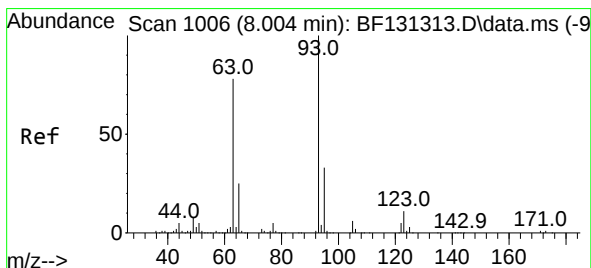
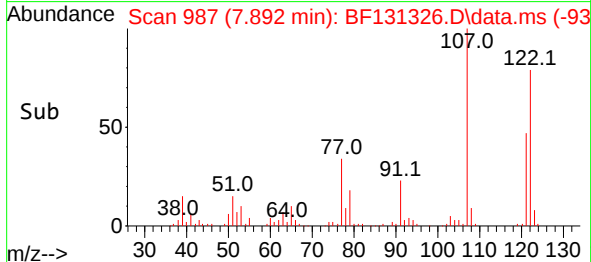
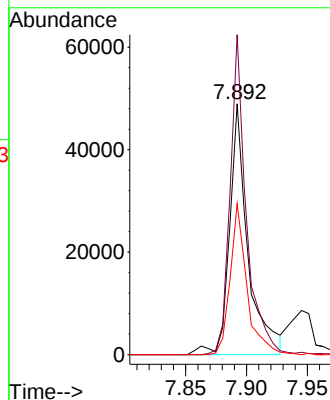
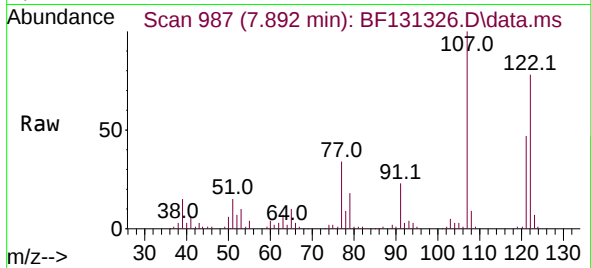
MDL-WATER-03-QT4-2022

Tgt Ion:122 Resp: 51421
 Ion Ratio Lower Upper
 122 100
 107 127.6 99.9 149.9
 121 60.2 47.4 71.2

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Reviewed By :Christian Giraldo 11/23/2022
 Supervised By :Jagrut Upadhyay 11/23/2022



#28

bis(2-Chloroethoxy)methane

Concen: 9.253 ng

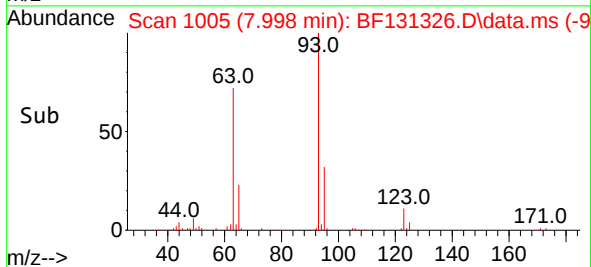
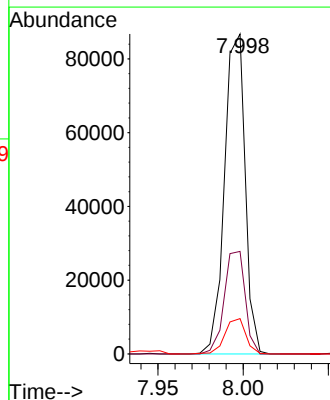
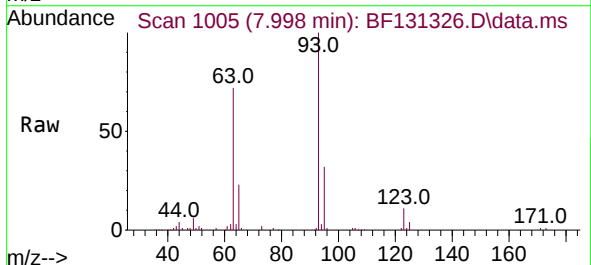
RT: 7.998 min Scan# 1005

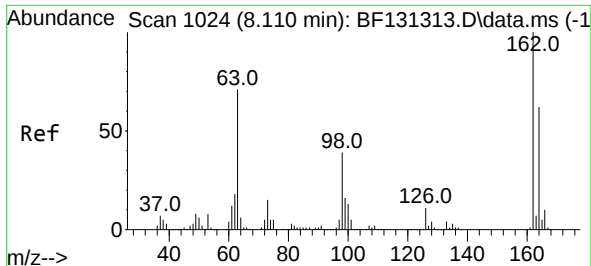
Delta R.T. -0.006 min

Lab File: BF131326.D

Acq: 22 Nov 2022 12:31

Tgt Ion: 93 Resp: 73016
 Ion Ratio Lower Upper
 93 100
 95 32.0 26.4 39.6
 123 11.0 8.8 13.2





#29

2,4-Dichlorophenol

Concen: 8.393 ng

RT: 8.098 min Scan# 1022

Delta R.T. -0.012 min

Lab File: BF131326.D

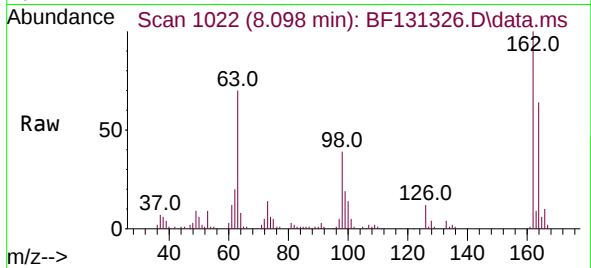
Acq: 22 Nov 2022 12:31

Instrument :

BNA_F

ClientSampleId :

MDL-WATER-03-QT4-2022



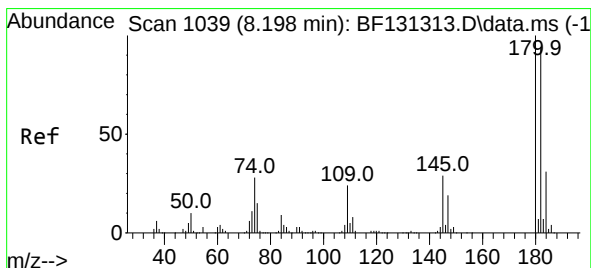
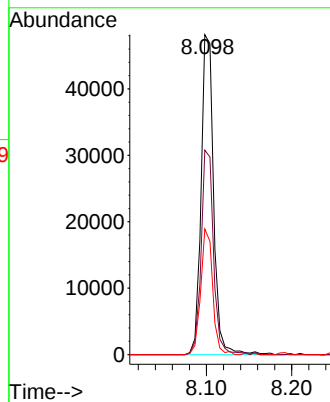
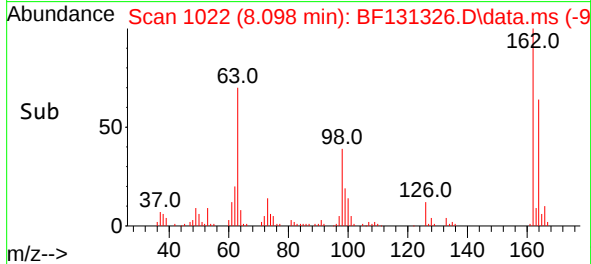
Tgt Ion:162	Resp:	4903
Ion Ratio	Lower	Upper
162	100	
164	63.9	42.2 82.2
98	39.2	18.8 58.8

Manual Integrations

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Reviewed By :Christian Giraldo 11/23/2022

Supervised By :Jagrut Upadhyay 11/23/2022



#30

1,2,4-Trichlorobenzene

Concen: 8.230 ng

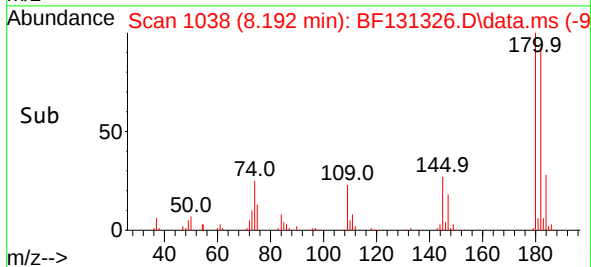
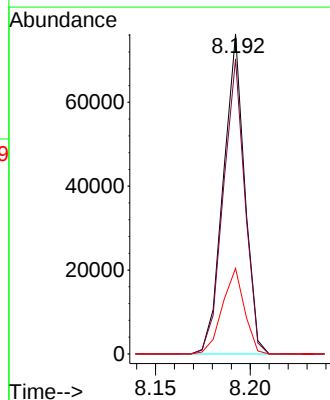
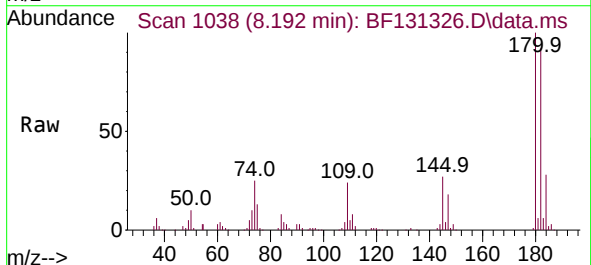
RT: 8.192 min Scan# 1038

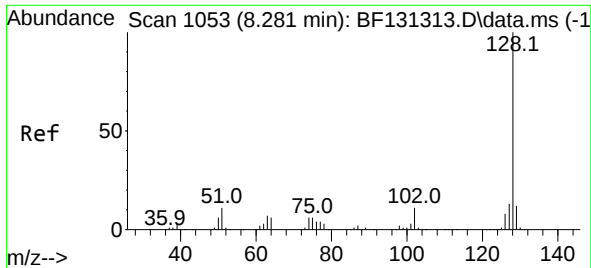
Delta R.T. -0.006 min

Lab File: BF131326.D

Acq: 22 Nov 2022 12:31

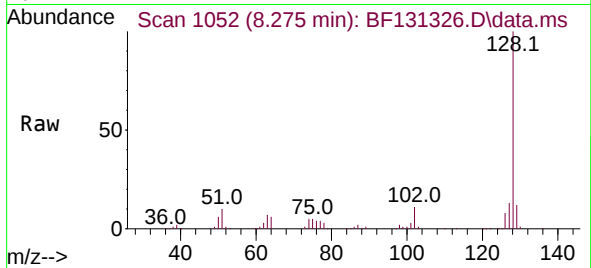
Tgt Ion:180	Resp:	59564
Ion Ratio	Lower	Upper
180	100	
182	92.2	75.3 112.9
145	26.7	23.4 35.0





#31
Naphthalene
Concen: 8.291 ng
RT: 8.275 min Scan# 1053
Delta R.T. -0.006 min
Lab File: BF131326.D
Acq: 22 Nov 2022 12:31

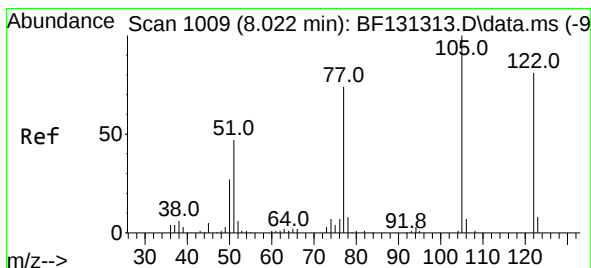
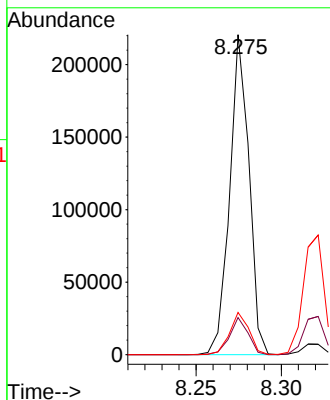
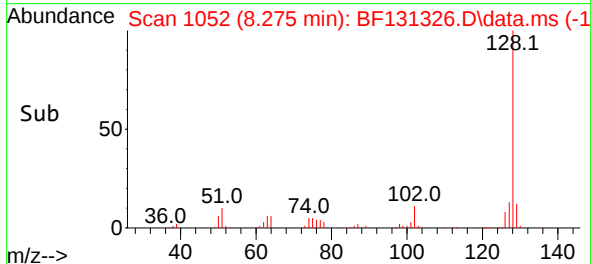
Instrument :
BNA_F
ClientSampleId :
MDL-WATER-03-QT4-2022



Tgt Ion:128 Resp: 17344
Ion Ratio Lower Upper
128 100
129 11.6 9.2 13.8
127 13.2 10.6 16.0

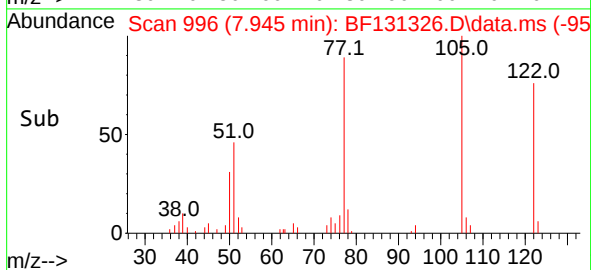
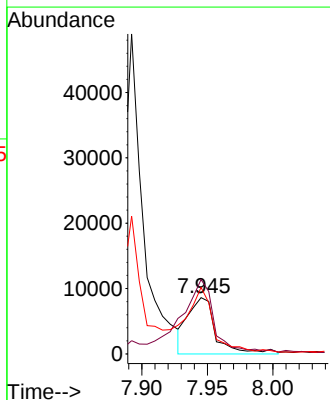
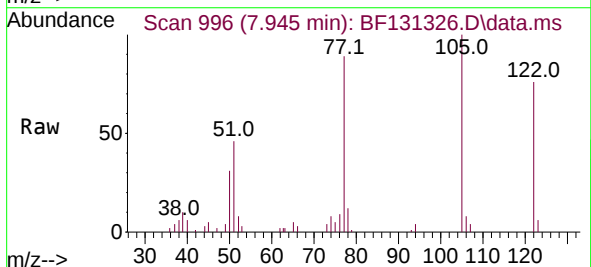
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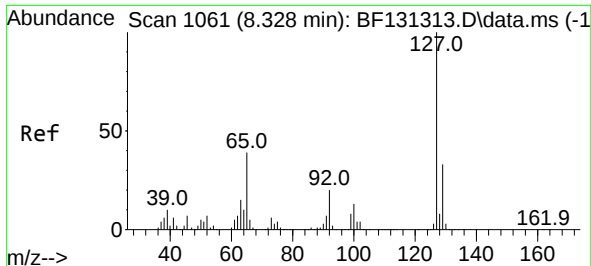
Reviewed By :Christian Giraldo 11/23/2022
Supervised By :Jagrut Upadhyay 11/23/2022



#32
Benzoic acid
Concen: 4.187 ng m
RT: 7.945 min Scan# 996
Delta R.T. -0.077 min
Lab File: BF131326.D
Acq: 22 Nov 2022 12:31

Tgt Ion:122 Resp: 12820
Ion Ratio Lower Upper
122 100
105 132.1 103.8 143.8
77 118.2 74.3 114.3#





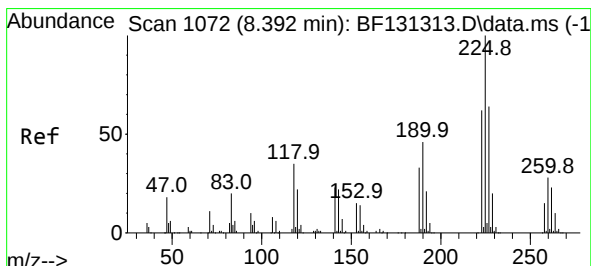
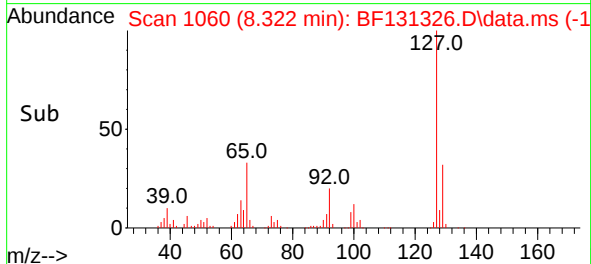
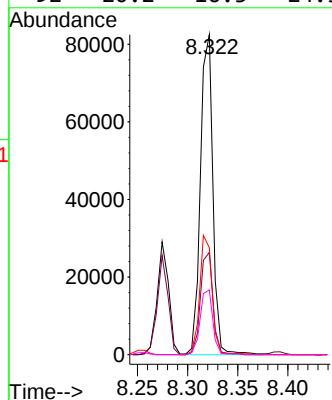
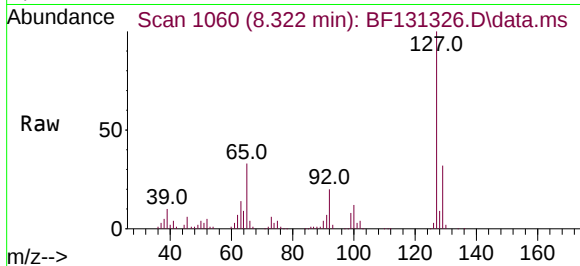
#33
4-Chloroaniline
Concen: 8.629 ng
RT: 8.322 min Scan# 1061
Delta R.T. -0.006 min
Lab File: BF131326.D
Acq: 22 Nov 2022 12:31

Instrument :
BNA_F
ClientSampleId :
MDL-WATER-03-QT4-2022

Tgt Ion:	127	Resp:	71216
Ion Ratio	Lower	Upper	
127	100		
129	31.9	26.4	39.6
65	33.4	31.0	46.6
92	20.2	16.3	24.5

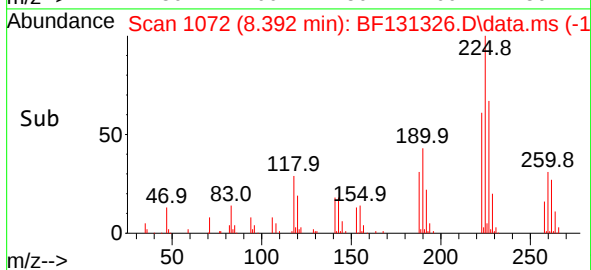
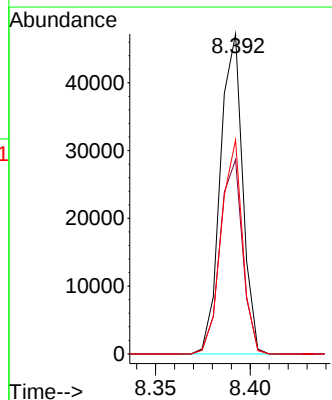
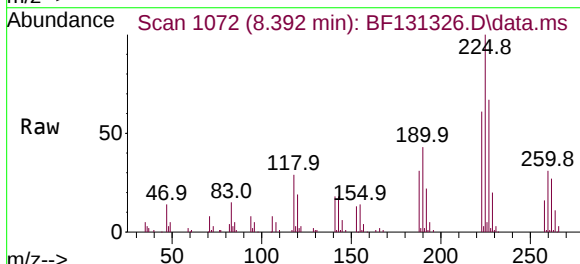
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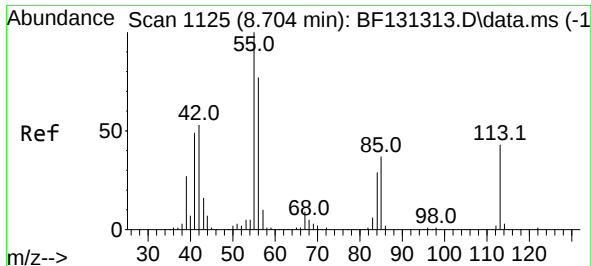
Reviewed By :Christian Giraldo 11/23/2022
Supervised By :Jagrut Upadhyay 11/23/2022



#34
Hexachlorobutadiene
Concen: 8.227 ng
RT: 8.392 min Scan# 1072
Delta R.T. -0.000 min
Lab File: BF131326.D
Acq: 22 Nov 2022 12:31

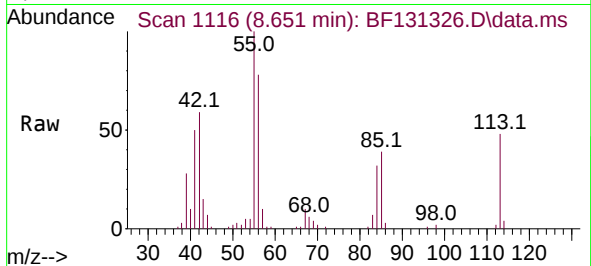
Tgt Ion:	225	Resp:	38558
Ion Ratio	Lower	Upper	
225	100		
223	60.7	49.4	74.0
227	66.9	51.1	76.7





#35
Caprolactam
Concen: 9.824 ng
RT: 8.651 min Scan# 1116
Delta R.T. -0.053 min
Lab File: BF131326.D
Acq: 22 Nov 2022 12:31

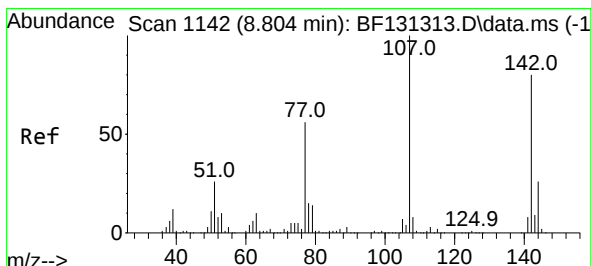
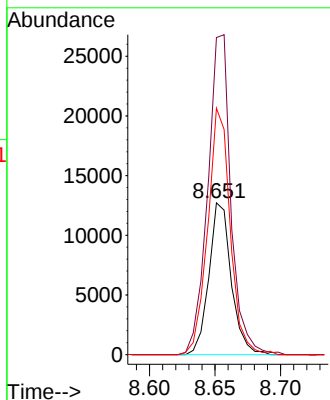
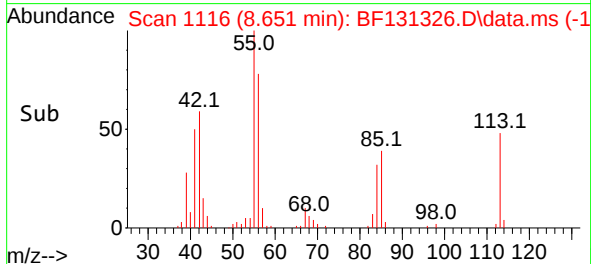
Instrument :
BNA_F
ClientSampleId :
MDL-WATER-03-QT4-2022



Tgt Ion:113 Resp: 15083
Ion Ratio Lower Upper
113 100
55 208.9 214.5 254.5
56 162.4 159.4 199.4

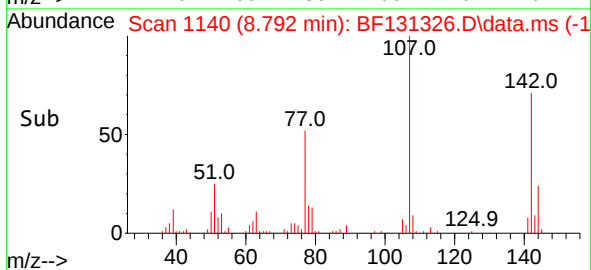
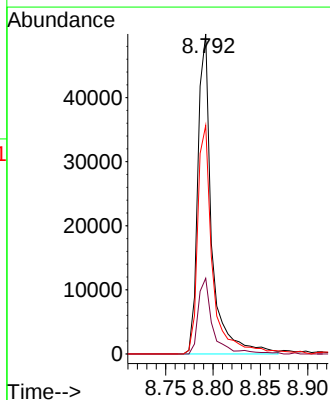
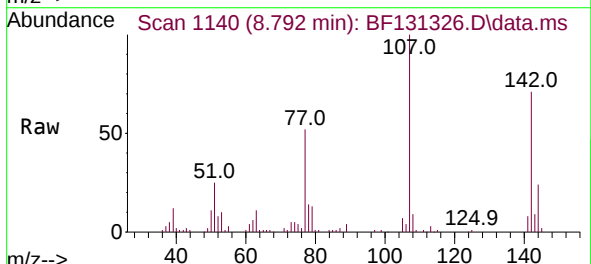
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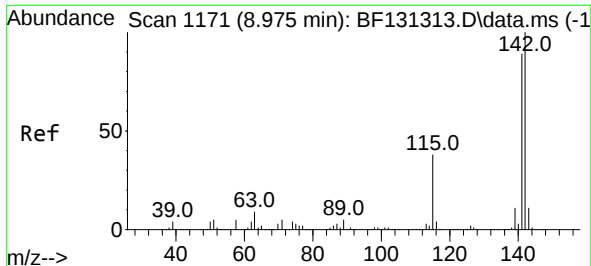
Reviewed By :Christian Giraldo 11/23/2022
Supervised By :Jagrut Upadhyay 11/23/2022



#36
4-Chloro-3-methylphenol
Concen: 8.384 ng
RT: 8.792 min Scan# 1140
Delta R.T. -0.012 min
Lab File: BF131326.D
Acq: 22 Nov 2022 12:31

Tgt Ion:107 Resp: 50889
Ion Ratio Lower Upper
107 100
144 23.6 20.9 31.3
142 71.4 63.9 95.9





#37

2-Methylnaphthalene

Concen: 8.694 ng

RT: 8.969 min Scan# 1171

Delta R.T. -0.006 min

Lab File: BF131326.D

Acq: 22 Nov 2022 12:31

Instrument :

BNA_F

ClientSampleId :

MDL-WATER-03-QT4-2022

Tgt Ion:142 Resp: 123225

Ion Ratio Lower Upper

142 100

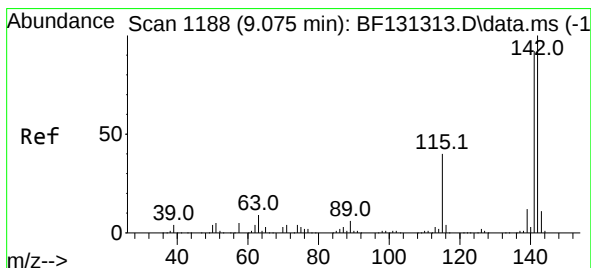
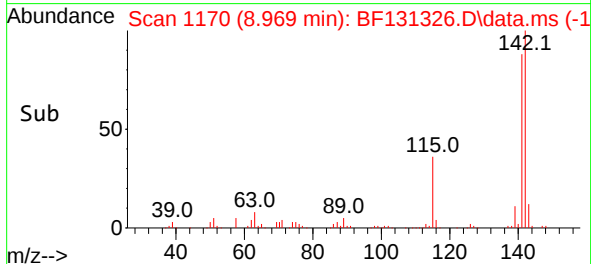
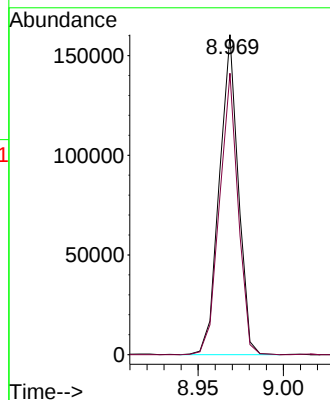
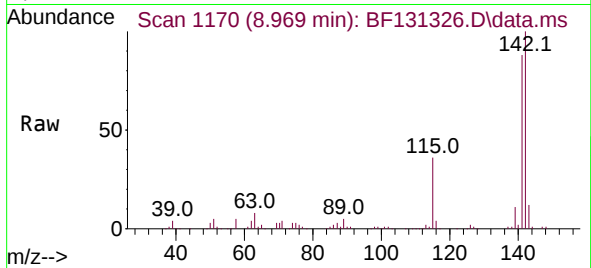
141 87.9 71.0 106.4

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Reviewed By :Christian Giraldo 11/23/2022

Supervised By :Jagrut Upadhyay 11/23/2022



#38

1-Methylnaphthalene

Concen: 8.334 ng

RT: 9.069 min Scan# 1187

Delta R.T. -0.006 min

Lab File: BF131326.D

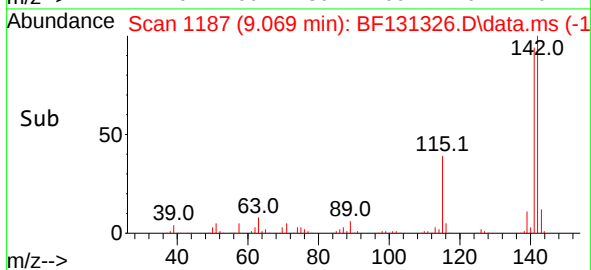
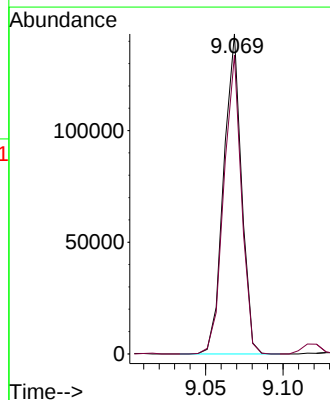
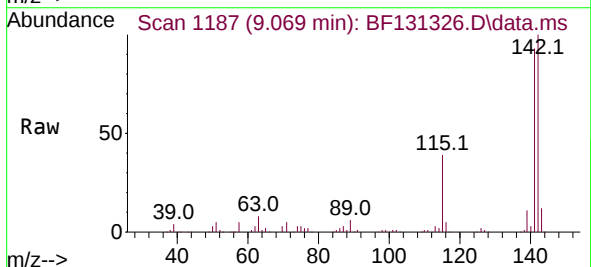
Acq: 22 Nov 2022 12:31

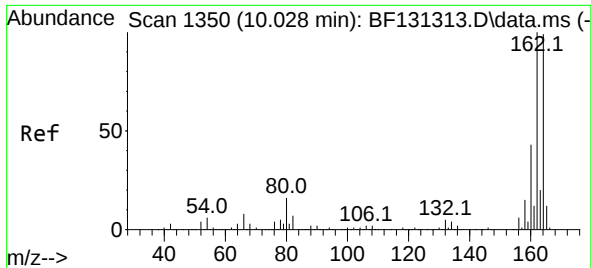
Tgt Ion:142 Resp: 114554

Ion Ratio Lower Upper

142 100

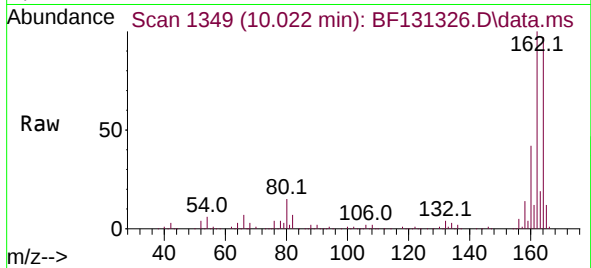
141 93.4 73.4 110.0





#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 10.022 min Scan# 1349
Delta R.T. -0.006 min
Lab File: BF131326.D
Acq: 22 Nov 2022 12:31

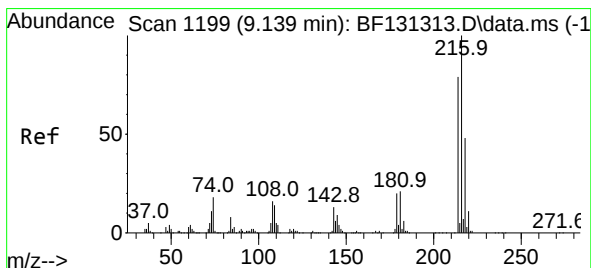
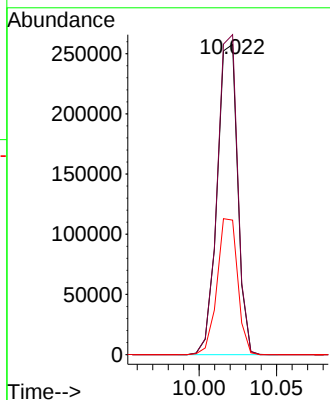
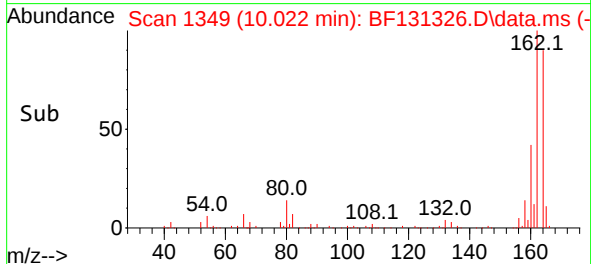
Instrument :
BNA_F
ClientSampleId :
MDL-WATER-03-QT4-2022



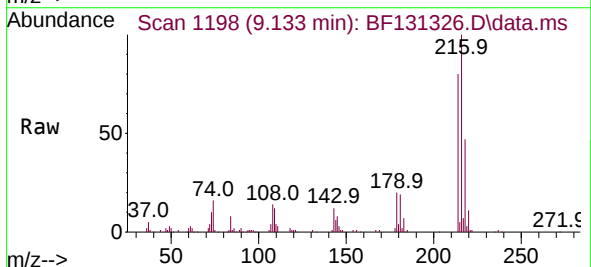
Tgt Ion:164 Resp: 237227
Ion Ratio Lower Upper
164 100
162 103.2 80.6 120.8
160 43.4 34.4 51.6

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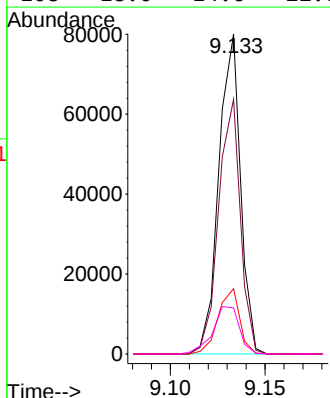
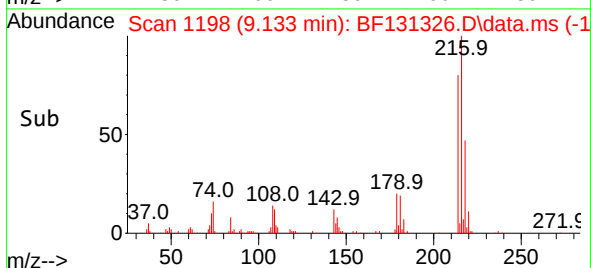
Reviewed By :Christian Giraldo 11/23/2022
Supervised By :Jagrut Upadhyay 11/23/2022

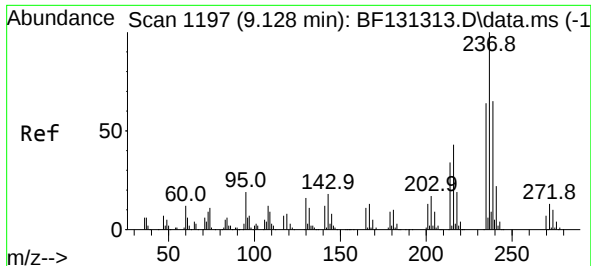


#40
1,2,4,5-Tetrachlorobenzene
Concen: 8.285 ng
RT: 9.133 min Scan# 1198
Delta R.T. -0.006 min
Lab File: BF131326.D
Acq: 22 Nov 2022 12:31



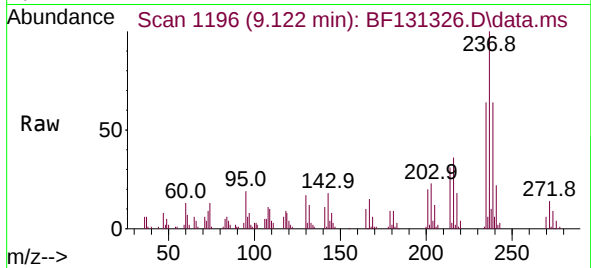
Tgt Ion:216 Resp: 63781
Ion Ratio Lower Upper
216 100
214 79.8 63.1 94.7
179 20.2 16.2 24.4
108 18.0 14.6 22.0





#41
Hexachlorocyclopentadiene
Concen: 8.836 ng
RT: 9.122 min Scan# 1197
Delta R.T. -0.006 min
Lab File: BF131326.D
Acq: 22 Nov 2022 12:31

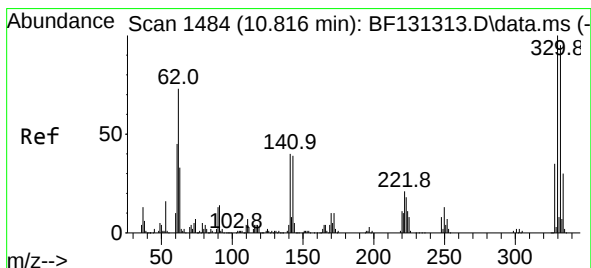
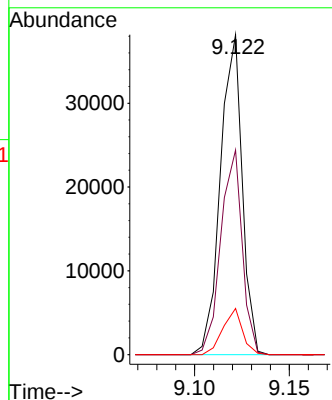
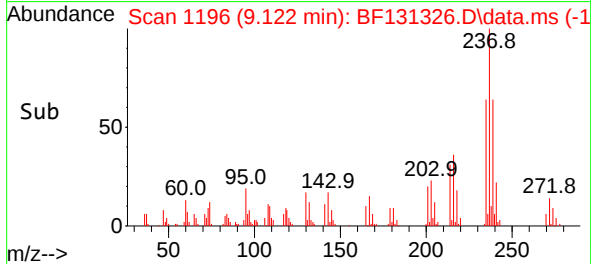
Instrument :
BNA_F
ClientSampleId :
MDL-WATER-03-QT4-2022



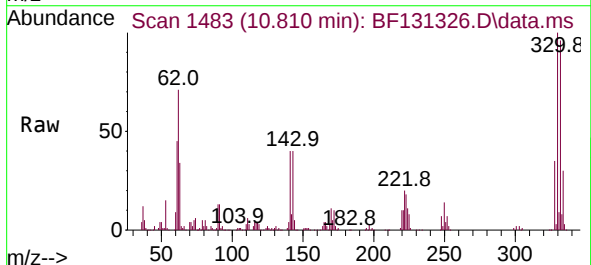
Tgt Ion:237 Resp: 30580
Ion Ratio Lower Upper
237 100
235 63.9 44.2 84.2
272 14.4 0.0 33.4

Manual Integrations
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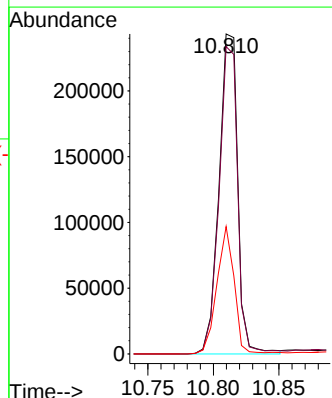
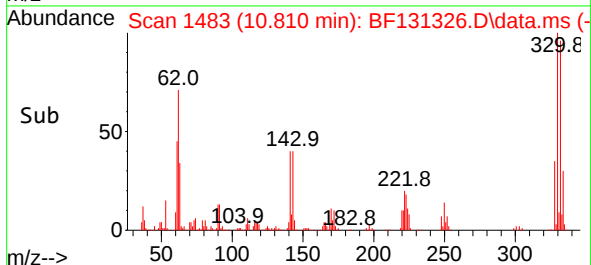
Reviewed By :Christian Giraldo 11/23/2022
Supervised By :Jagrut Upadhyay 11/23/2022

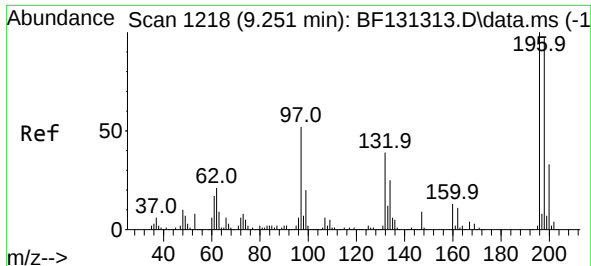


#42
2,4,6-Tribromophenol
Concen: 121.920 ng
RT: 10.810 min Scan# 1483
Delta R.T. -0.006 min
Lab File: BF131326.D
Acq: 22 Nov 2022 12:31



Tgt Ion:330 Resp: 243329
Ion Ratio Lower Upper
330 100
332 95.5 77.5 116.3
141 36.9 29.3 43.9





#43

2,4,6-Trichlorophenol

Concen: 7.368 ng

RT: 9.239 min Scan# 1217

Delta R.T. -0.012 min

Lab File: BF131326.D

Acq: 22 Nov 2022 12:31

Instrument :

BNA_F

ClientSampleId :

MDL-WATER-03-QT4-2022

Tgt Ion:196 Resp: 3217

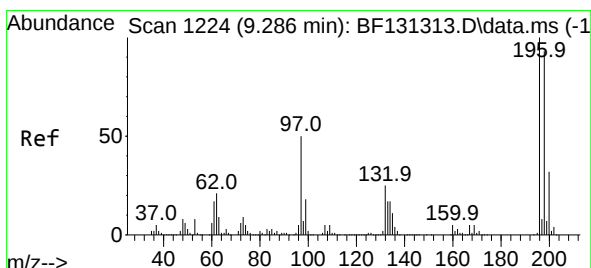
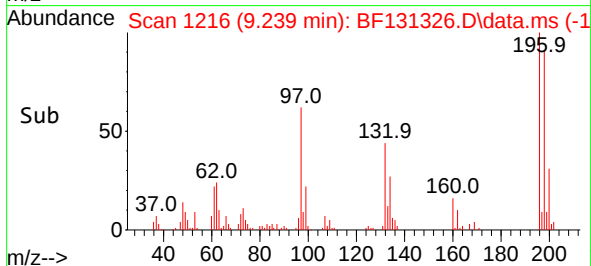
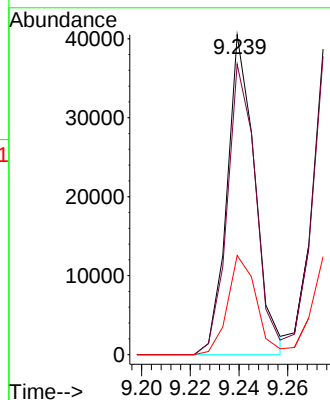
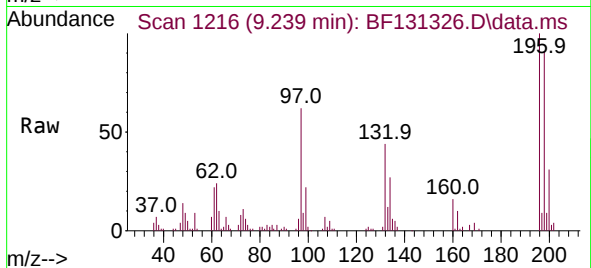
Ion	Ratio	Lower	Upper
196	100		
198	90.8	77.4	116.0
200	31.0	26.3	39.5

Manual Integrations

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Supervised By :Jagrut Upadhyay 11/23/2022



#44

2,4,5-Trichlorophenol

Concen: 8.098 ng

RT: 9.274 min Scan# 1222

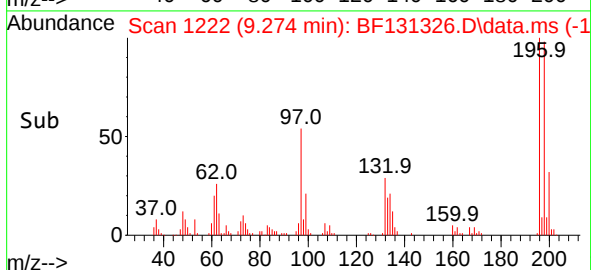
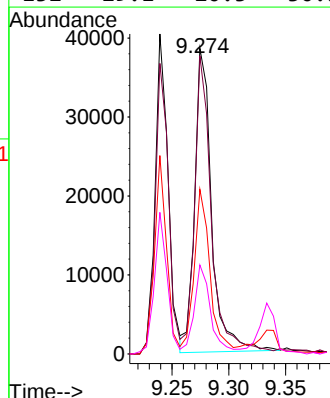
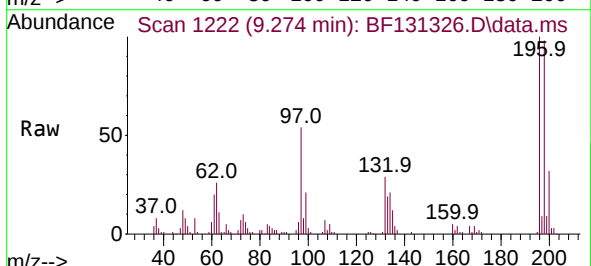
Delta R.T. -0.012 min

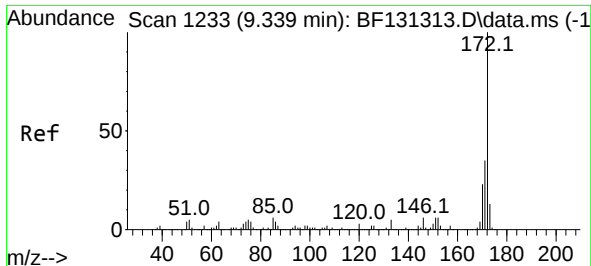
Lab File: BF131326.D

Acq: 22 Nov 2022 12:31

Tgt Ion:196 Resp: 39770

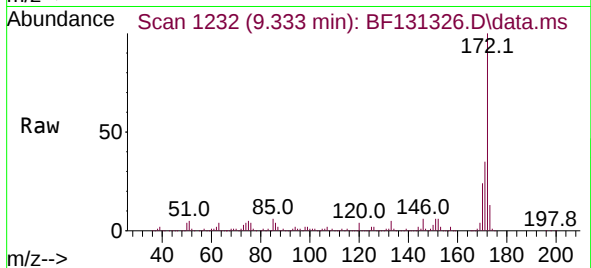
Ion	Ratio	Lower	Upper
196	100		
198	97.6	75.0	112.4
97	53.9	40.3	60.5
132	29.1	20.3	30.5





#45
2-Fluorobiphenyl
Concen: 69.782 ng
RT: 9.333 min Scan# 1249
Delta R.T. -0.006 min
Lab File: BF131326.D
Acq: 22 Nov 2022 12:31

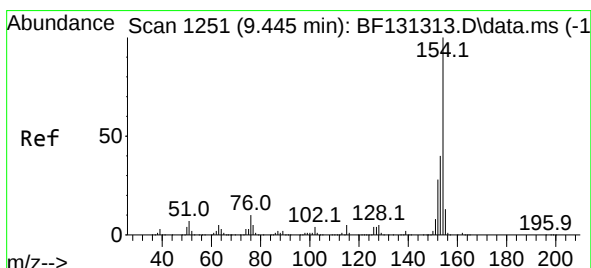
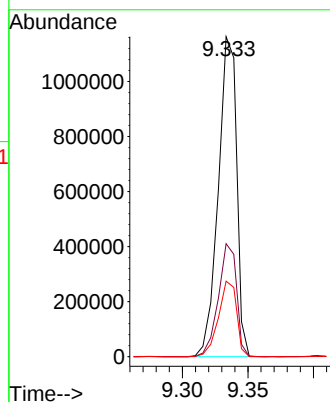
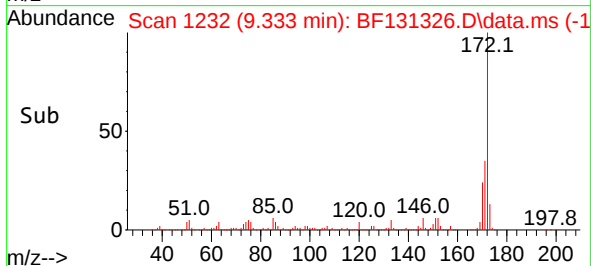
Instrument : BNA_F
ClientSampleId : MDL-WATER-03-QT4-2022



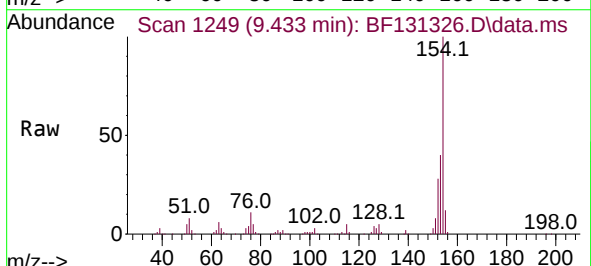
Tgt Ion:172 Resp: 1137889
Ion Ratio Lower Upper
172 100
171 35.3 28.2 42.2
170 23.6 18.7 28.1

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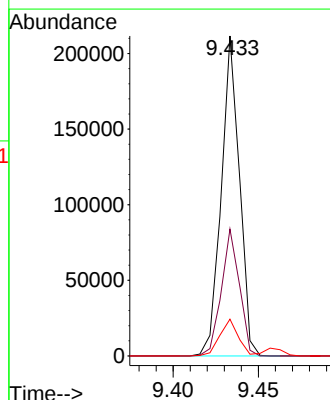
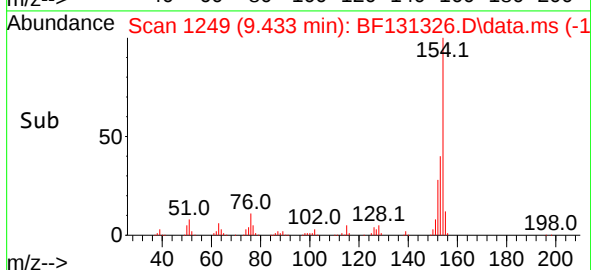
Reviewed By :Christian Giraldo 11/23/2022
Supervised By :Jagrut Upadhyay 11/23/2022

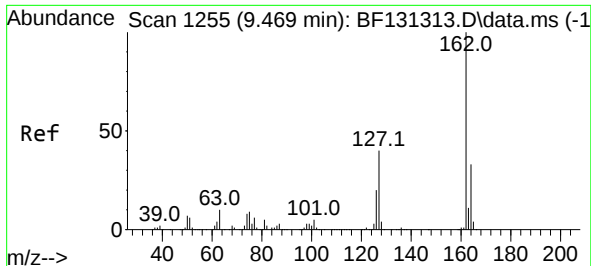


#46
1,1'-Biphenyl
Concen: 8.650 ng
RT: 9.433 min Scan# 1249
Delta R.T. -0.012 min
Lab File: BF131326.D
Acq: 22 Nov 2022 12:31



Tgt Ion:154 Resp: 156585
Ion Ratio Lower Upper
154 100
153 39.6 19.8 59.8
76 11.5 0.0 30.2





#47

2-Chloronaphthalene

Concen: 8.218 ng

RT: 9.463 min Scan# 119338

Delta R.T. -0.006 min

Lab File: BF131326.D

Acq: 22 Nov 2022 12:31

Instrument :

BNA_F

ClientSampleId :

MDL-WATER-03-QT4-2022

Tgt Ion: 162 Resp: 119338

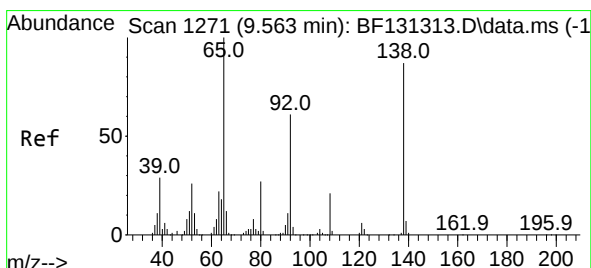
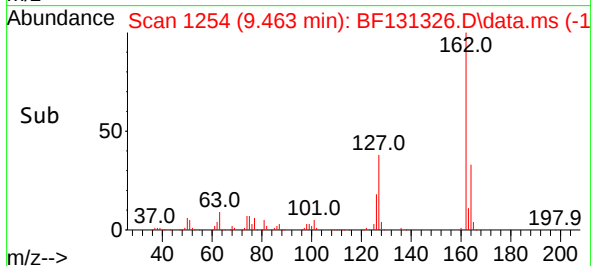
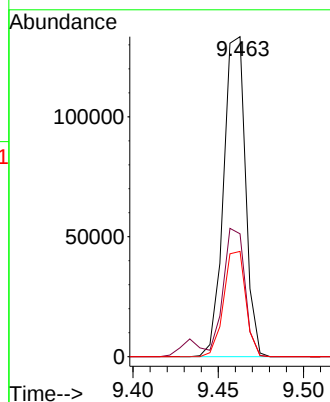
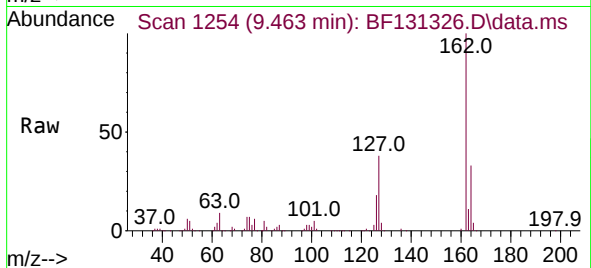
Ion	Ratio	Lower	Upper
162	100		
127	38.4	32.1	48.1
164	32.9	26.6	39.8

Manual Integrations

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Reviewed By :Christian Giraldo 11/23/2022

Supervised By :Jagrut Upadhyay 11/23/2022



#48

2-Nitroaniline

Concen: 7.682 ng

RT: 9.551 min Scan# 1269

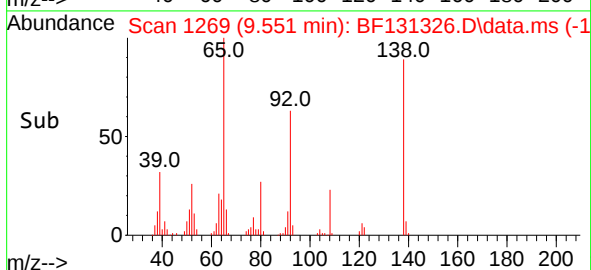
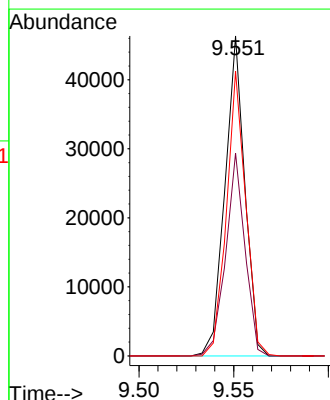
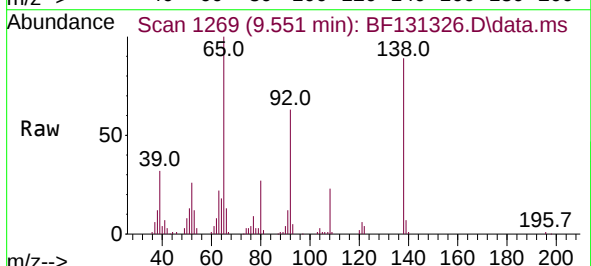
Delta R.T. -0.012 min

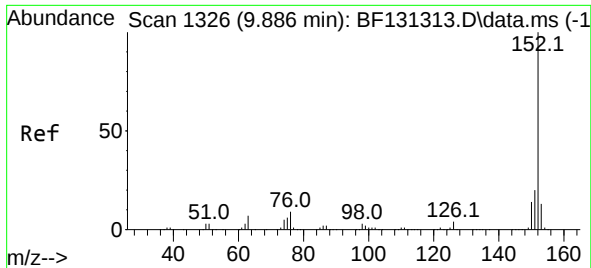
Lab File: BF131326.D

Acq: 22 Nov 2022 12:31

Tgt Ion: 65 Resp: 33873

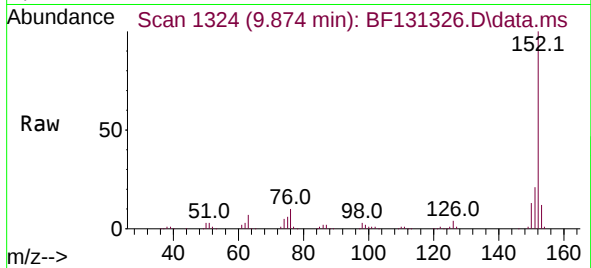
Ion	Ratio	Lower	Upper
65	100		
92	63.4	49.0	73.4
138	89.0	69.4	104.2





#49
Acenaphthylene
Concen: 8.424 ng
RT: 9.874 min Scan# 1326
Delta R.T. -0.012 min
Lab File: BF131326.D
Acq: 22 Nov 2022 12:31

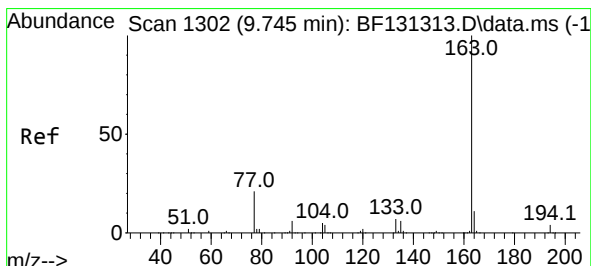
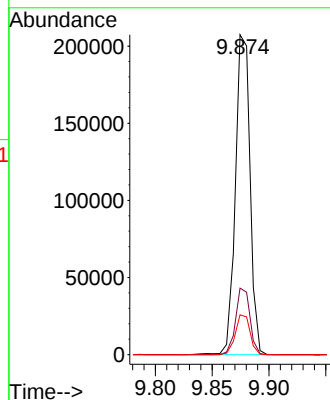
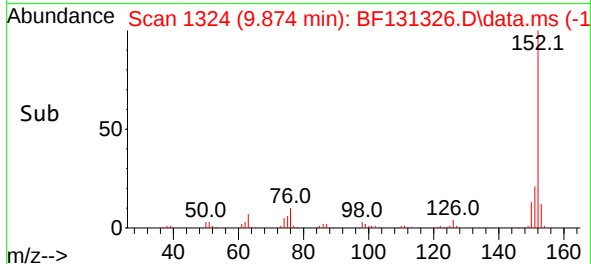
Instrument : BNA_F
ClientSampleId : MDL-WATER-03-QT4-2022



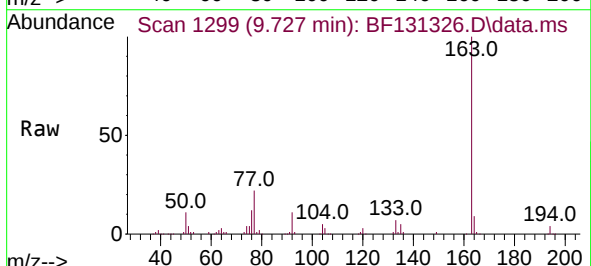
Tgt Ion:152 Resp: 186488
Ion Ratio Lower Upper
152 100
151 20.8 16.2 24.4
153 12.4 10.6 15.8

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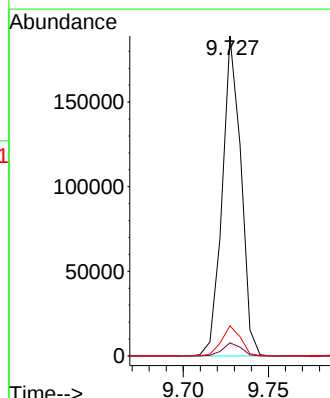
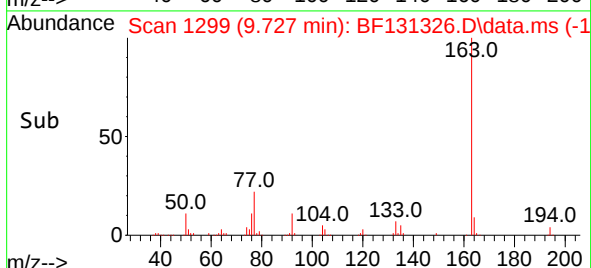
Reviewed By :Christian Giraldo 11/23/2022
Supervised By :Jagrut Upadhyay 11/23/2022

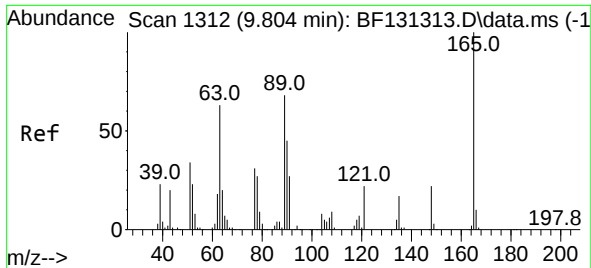


#50
Dimethylphthalate
Concen: 8.709 ng
RT: 9.727 min Scan# 1299
Delta R.T. -0.018 min
Lab File: BF131326.D
Acq: 22 Nov 2022 12:31



Tgt Ion:163 Resp: 143944
Ion Ratio Lower Upper
163 100
194 4.1 3.1 4.7
164 9.4 8.5 12.7





#51

2,6-Dinitrotoluene

Concen: 8.092 ng

RT: 9.792 min Scan# 1310

Delta R.T. -0.012 min

Lab File: BF131326.D

Acq: 22 Nov 2022 12:31

Instrument :

BNA_F

ClientSampleId :

MDL-WATER-03-QT4-2022

Tgt Ion:165 Resp: 26748

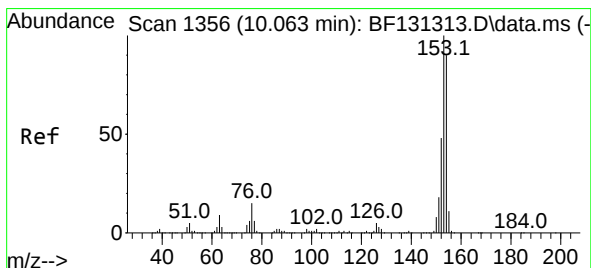
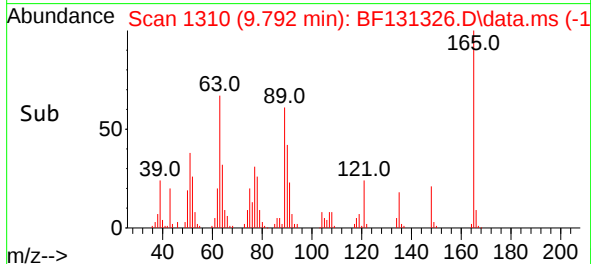
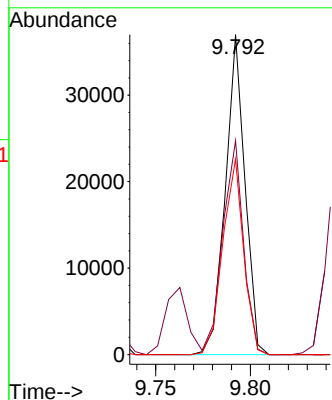
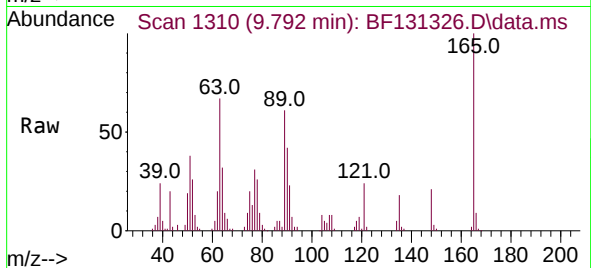
Ion	Ratio	Lower	Upper
165	100		
63	66.9	62.0	93.0
89	61.1	54.4	81.6

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Reviewed By :Christian Giraldo 11/23/2022

Supervised By :Jagrut Upadhyay 11/23/2022



#52

Acenaphthene

Concen: 8.242 ng

RT: 10.051 min Scan# 1354

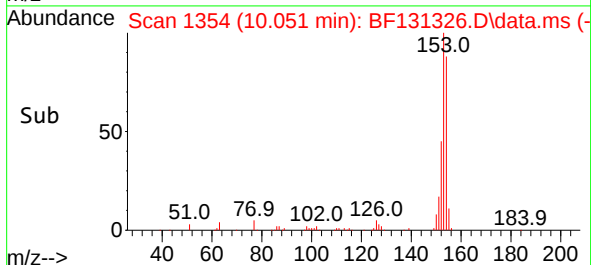
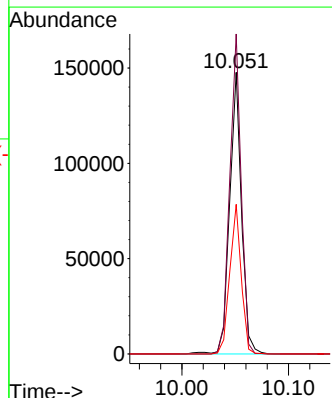
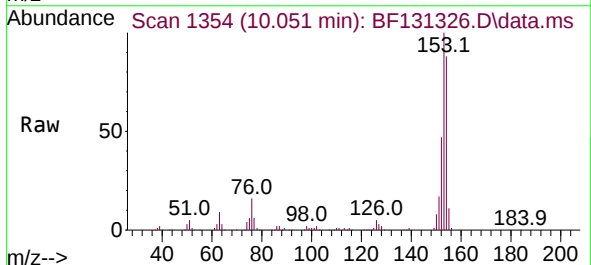
Delta R.T. -0.012 min

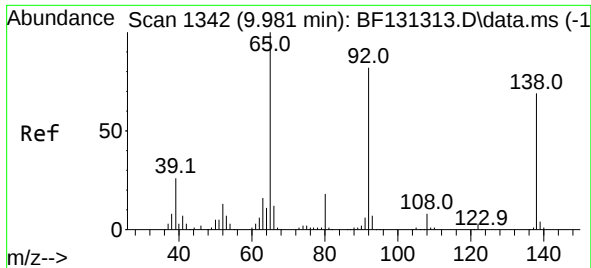
Lab File: BF131326.D

Acq: 22 Nov 2022 12:31

Tgt Ion:154 Resp: 114247

Ion	Ratio	Lower	Upper
154	100		
153	113.7	88.4	132.6
152	53.1	42.8	64.2





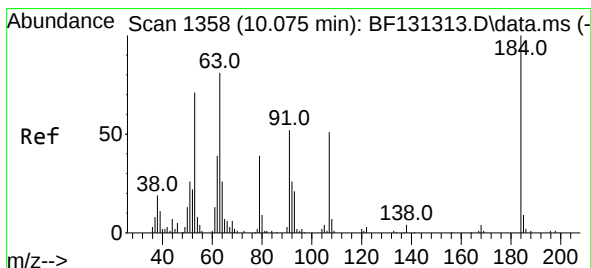
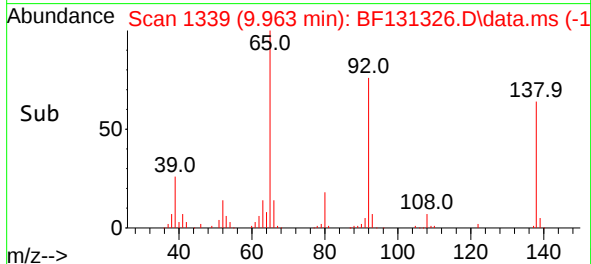
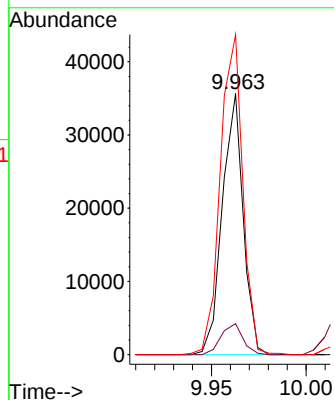
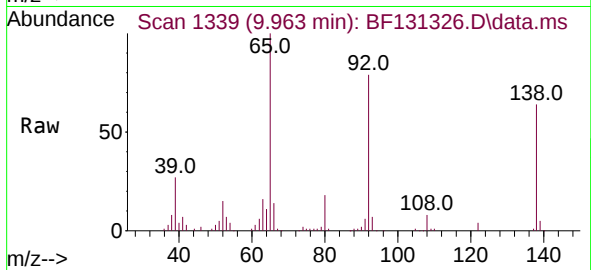
#53
3-Nitroaniline
Concen: 8.026 ng
RT: 9.963 min Scan# 1339
Delta R.T. -0.018 min
Lab File: BF131326.D
Acq: 22 Nov 2022 12:31

Instrument : BNA_F
ClientSampleId : MDL-WATER-03-QT4-2022

Tgt Ion:138 Resp: 27262
Ion Ratio Lower Upper
138 100
108 11.8 8.9 13.3
92 122.6 95.3 142.9

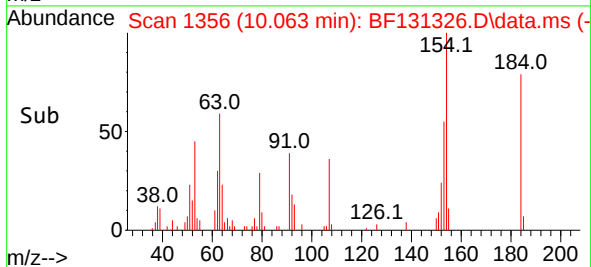
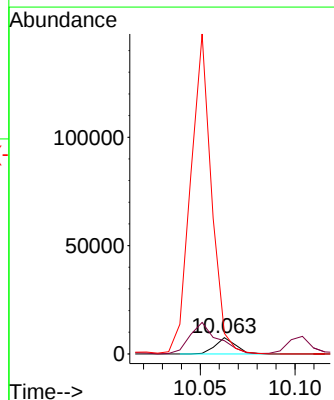
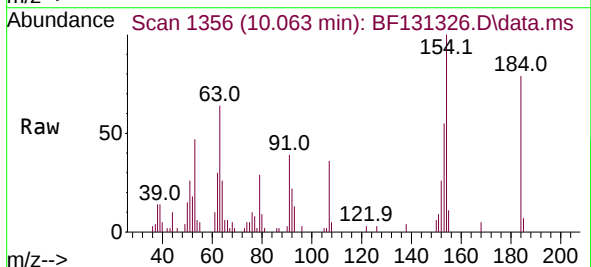
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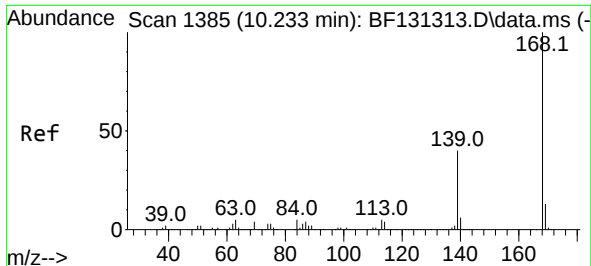
Reviewed By :Christian Giraldo 11/23/2022
Supervised By :Jagrut Upadhyay 11/23/2022



#54
2,4-Dinitrophenol
Concen: 5.009 ng
RT: 10.063 min Scan# 1356
Delta R.T. -0.012 min
Lab File: BF131326.D
Acq: 22 Nov 2022 12:31

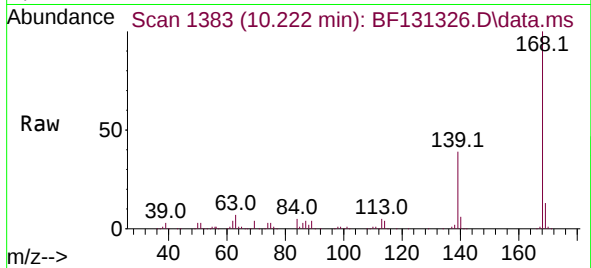
Tgt Ion:184 Resp: 5563
Ion Ratio Lower Upper
184 100
63 81.3 72.1 108.1
154 126.6 56.3 84.5#





#55
Dibenzenofuran
Concen: 8.667 ng
RT: 10.222 min Scan# 1385
Delta R.T. -0.012 min
Lab File: BF131326.D
Acq: 22 Nov 2022 12:31

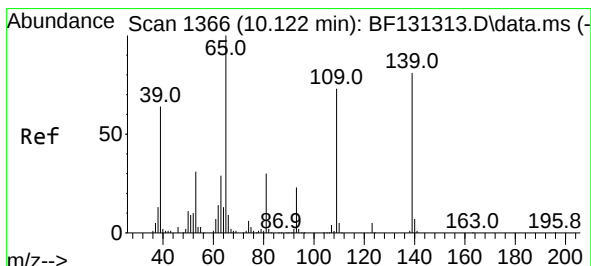
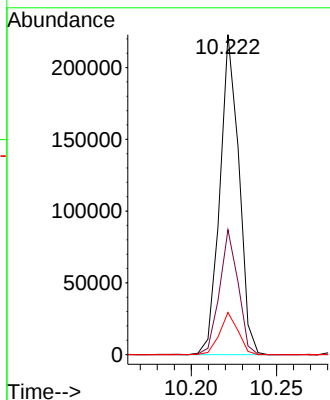
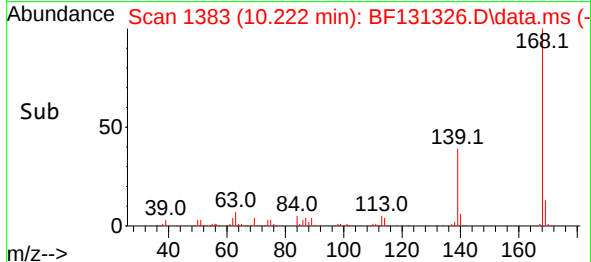
Instrument :
BNA_F
ClientSampleId :
MDL-WATER-03-QT4-2022



Tgt Ion:168 Resp: 172845
Ion Ratio Lower Upper
168 100
139 39.0 31.7 47.5
169 13.2 10.6 15.8

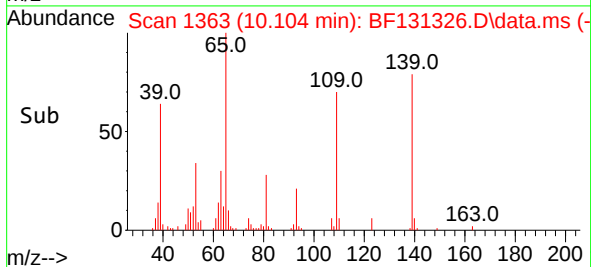
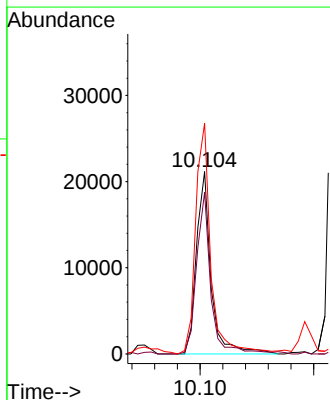
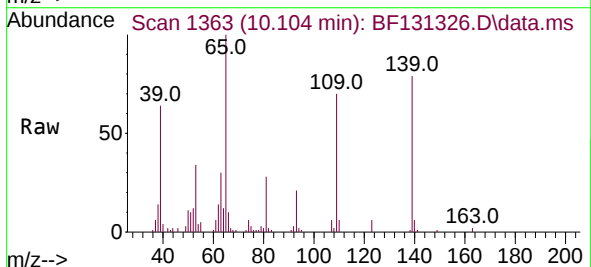
Manual Integrations
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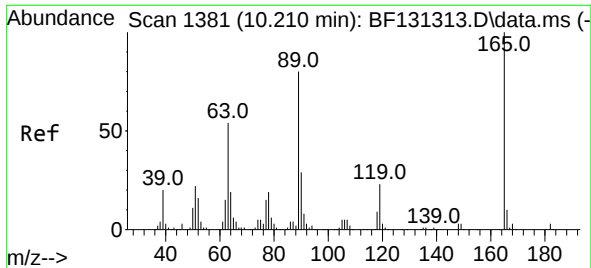
Reviewed By :Christian Giraldo 11/23/2022
Supervised By :Jagrut Upadhyay 11/23/2022



#56
4-Nitrophenol
Concen: 8.035 ng
RT: 10.104 min Scan# 1363
Delta R.T. -0.018 min
Lab File: BF131326.D
Acq: 22 Nov 2022 12:31

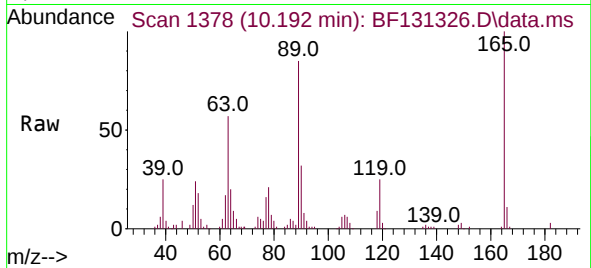
Tgt Ion:139 Resp: 18941
Ion Ratio Lower Upper
139 100
109 88.7 69.6 109.6
65 126.5 103.4 143.4





#57
2,4-Dinitrotoluene
Concen: 8.097 ng
RT: 10.192 min Scan# 1381
Delta R.T. -0.018 min
Lab File: BF131326.D
Acq: 22 Nov 2022 12:31

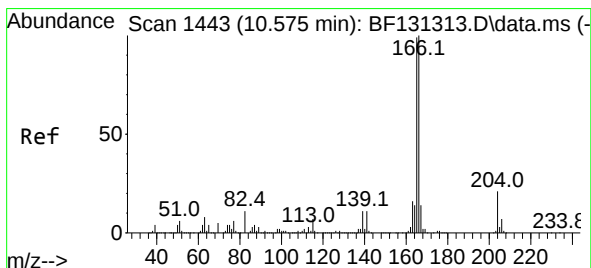
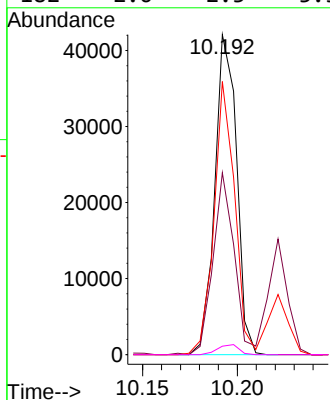
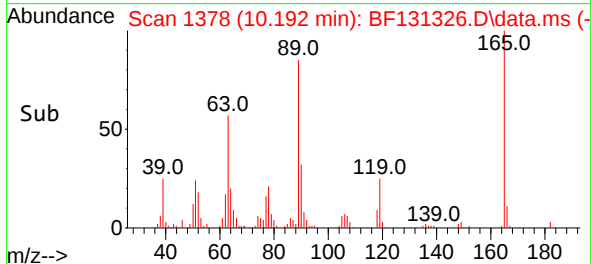
Instrument :
BNA_F
ClientSampleId :
MDL-WATER-03-QT4-2022



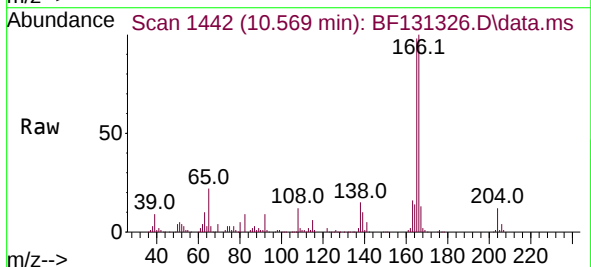
Tgt Ion:165 Resp: 33676
Ion Ratio Lower Upper
165 100
63 56.8 43.4 65.2
89 85.3 64.0 96.0
182 2.6 2.3 3.5

Manual Integrations
APPROVED

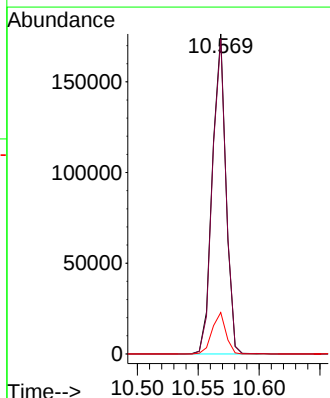
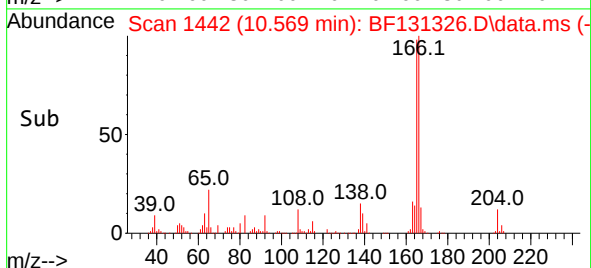
Reviewed By :Christian Giraldo 11/23/2022
Supervised By :Jagrut Upadhyay 11/23/2022

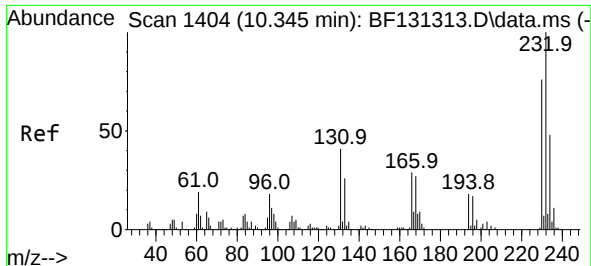


#58
Fluorene
Concen: 8.750 ng
RT: 10.569 min Scan# 1442
Delta R.T. -0.006 min
Lab File: BF131326.D
Acq: 22 Nov 2022 12:31



Tgt Ion:166 Resp: 136196
Ion Ratio Lower Upper
166 100
165 98.4 79.0 118.4
167 13.0 10.9 16.3





#59

2,3,4,6-Tetrachlorophenol

Concen: 8.103 ng

RT: 10.333 min Scan# 1419

Delta R.T. -0.012 min

Lab File: BF131326.D

Acq: 22 Nov 2022 12:31

Instrument :

BNA_F

ClientSampleId :

MDL-WATER-03-QT4-2022

Tgt Ion:232 Resp: 33139

Ion Ratio Lower Upper

232 100

131 45.4 35.2 52.8

130 2.1 1.8 2.8

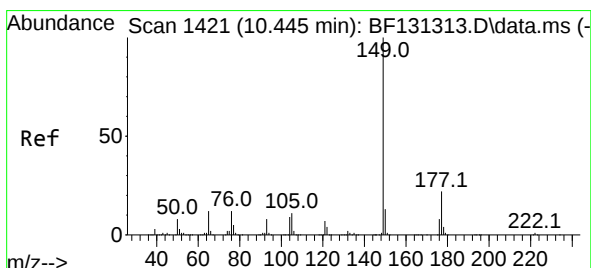
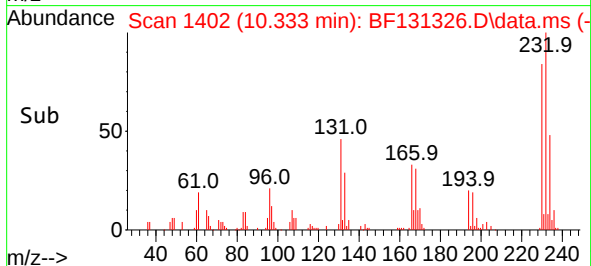
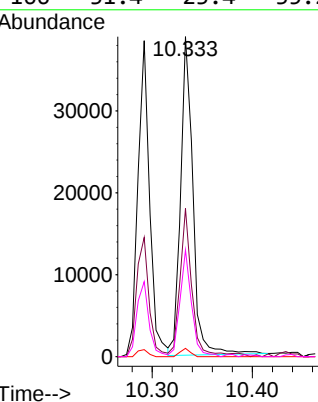
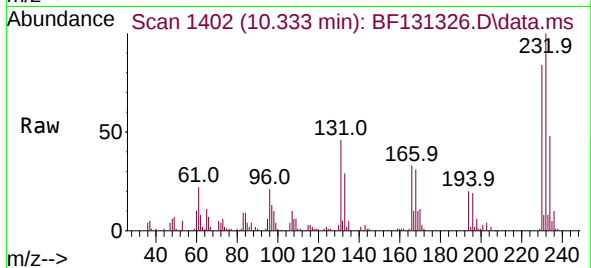
166 31.4 23.4 35.2

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 11/23/2022

Supervised By :Jagrut Upadhyay 11/23/2022



#60

Diethylphthalate

Concen: 8.965 ng

RT: 10.433 min Scan# 1419

Delta R.T. -0.012 min

Lab File: BF131326.D

Acq: 22 Nov 2022 12:31

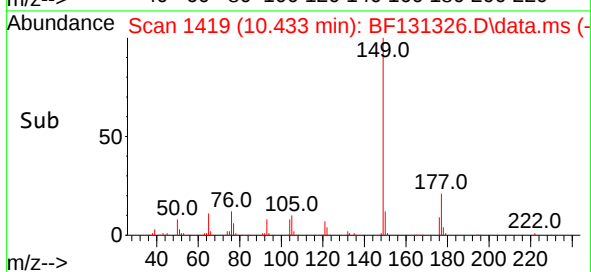
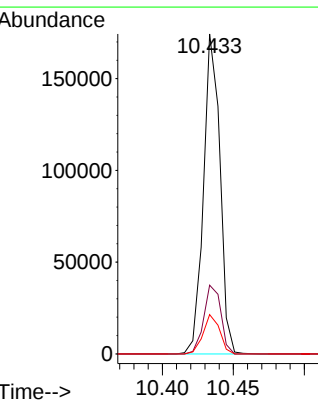
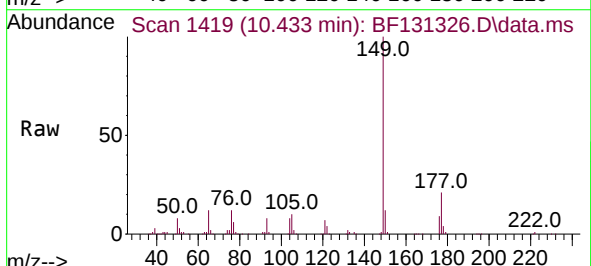
Tgt Ion:149 Resp: 139918

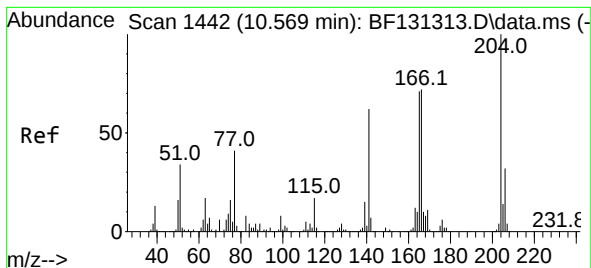
Ion Ratio Lower Upper

149 100

177 21.5 17.6 26.4

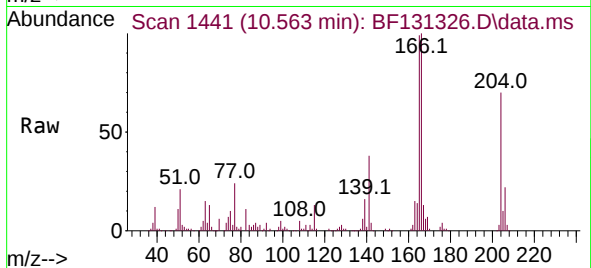
150 12.3 10.2 15.4





#61
4-Chlorophenyl-phenylether
Concen: 9.098 ng
RT: 10.563 min Scan# 1442
Delta R.T. -0.006 min
Lab File: BF131326.D
Acq: 22 Nov 2022 12:31

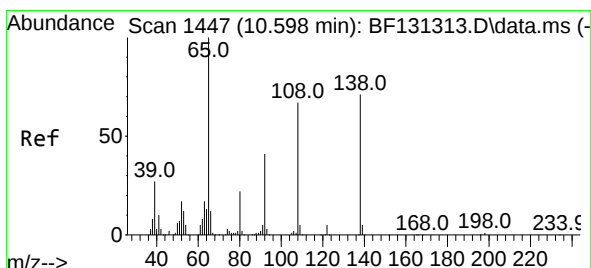
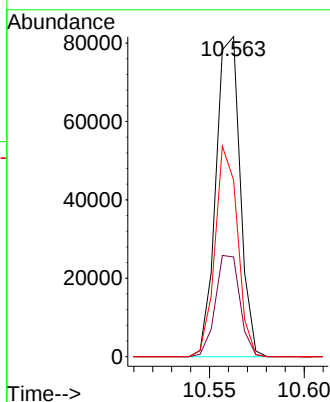
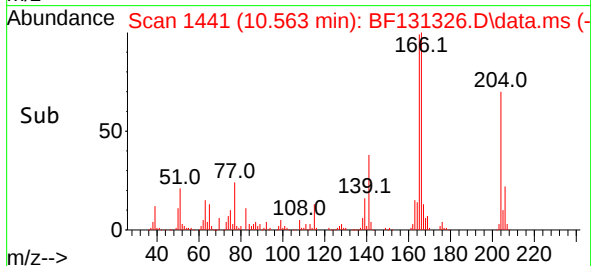
Instrument :
BNA_F
ClientSampleId :
MDL-WATER-03-QT4-2022



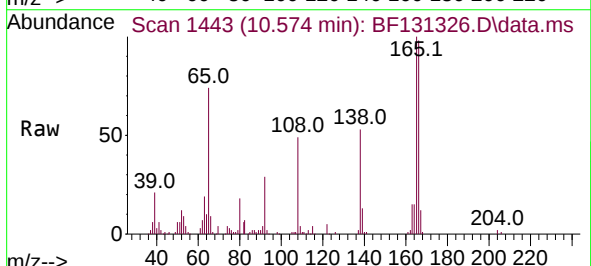
Tgt Ion:204 Resp: 72593
Ion Ratio Lower Upper
204 100
206 31.1 25.7 38.5
141 55.2 49.2 73.8

Manual Integrations
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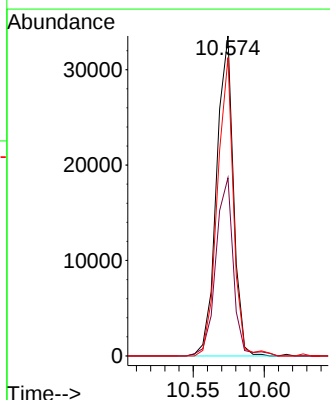
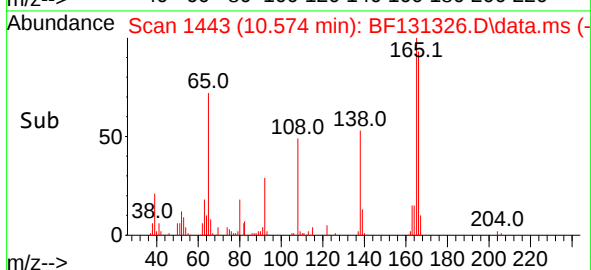
Reviewed By :Christian Giraldo 11/23/2022
Supervised By :Jagrut Upadhyay 11/23/2022

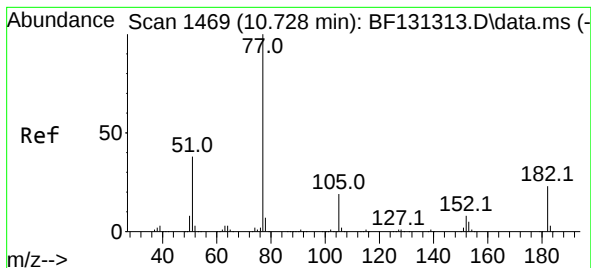


#62
4-Nitroaniline
Concen: 8.181 ng
RT: 10.574 min Scan# 1443
Delta R.T. -0.024 min
Lab File: BF131326.D
Acq: 22 Nov 2022 12:31



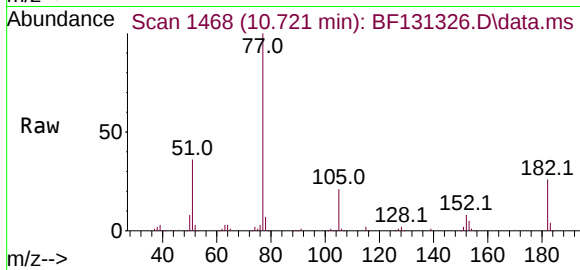
Tgt Ion:138 Resp: 27654
Ion Ratio Lower Upper
138 100
92 55.6 37.0 77.0
108 93.2 74.0 114.0





#63
 Azobenzene
 Concen: 8.626 ng
 RT: 10.721 min Scan# 1469
 Delta R.T. -0.006 min
 Lab File: BF131326.D
 Acq: 22 Nov 2022 12:31

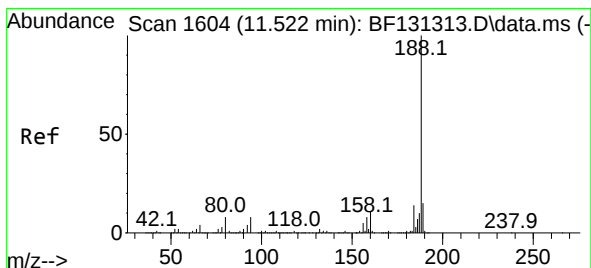
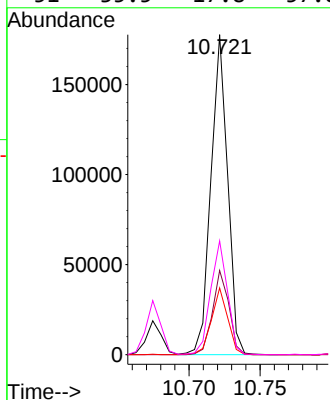
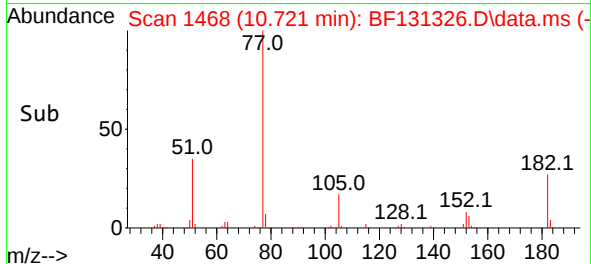
Instrument : BNA_F
 ClientSampleId : MDL-WATER-03-QT4-2022



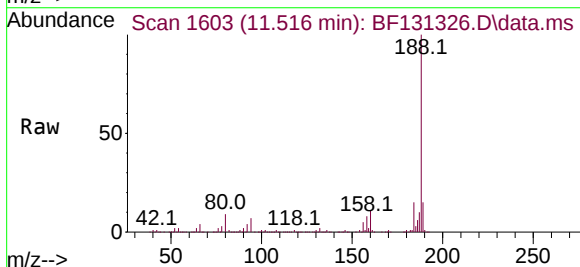
Tgt Ion: 77 Resp: 144760
 Ion Ratio Lower Upper
 77 100
 182 26.3 3.1 43.1
 105 20.8 0.0 39.2
 51 35.5 17.8 57.8

Manual Integrations
 APPROVED

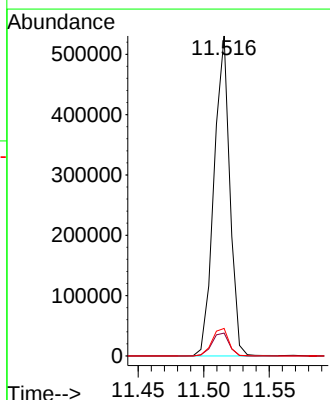
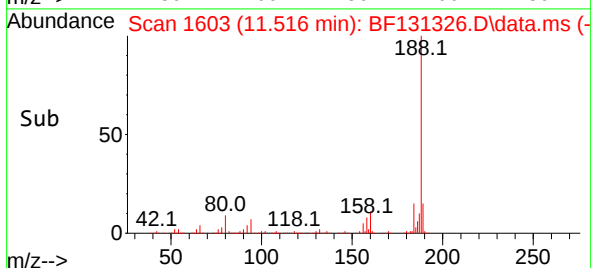
Reviewed By :Christian Giraldo 11/23/2022
 Supervised By :Jagrut Upadhyay 11/23/2022

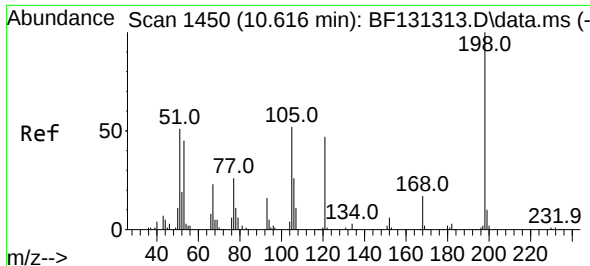


#64
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 11.516 min Scan# 1603
 Delta R.T. -0.006 min
 Lab File: BF131326.D
 Acq: 22 Nov 2022 12:31



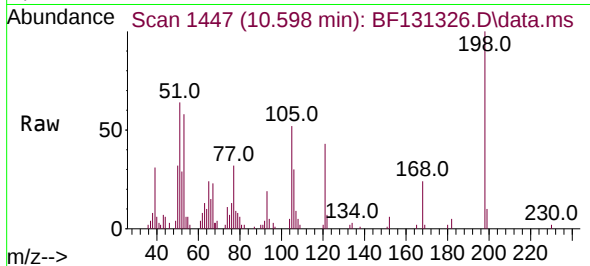
Tgt Ion:188 Resp: 445226
 Ion Ratio Lower Upper
 188 100
 94 7.1 6.3 9.5
 80 8.6 6.8 10.2





#65
4,6-Dinitro-2-methylphenol
Concen: 5.368 ng
RT: 10.598 min Scan# 1447
Delta R.T. -0.018 min
Lab File: BF131326.D
Acq: 22 Nov 2022 12:31

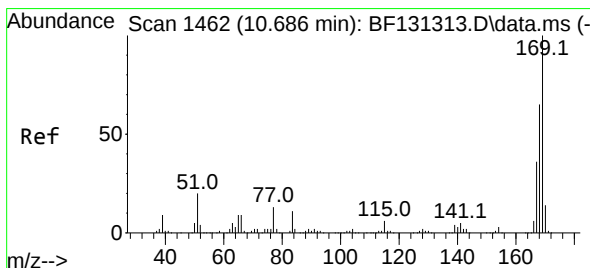
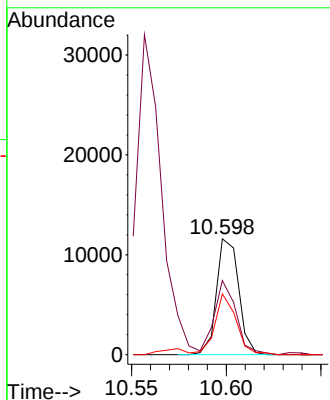
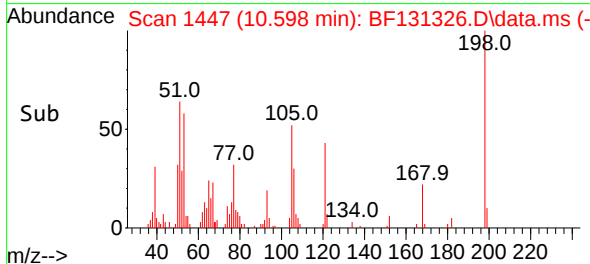
Instrument :
BNA_F
ClientSampleId :
MDL-WATER-03-QT4-2022



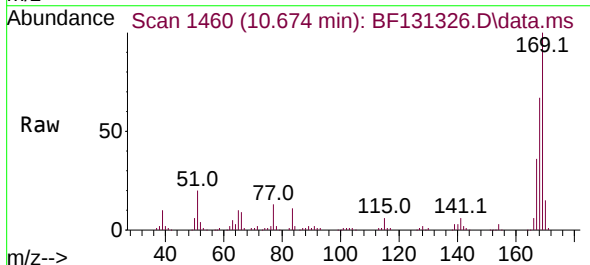
Tgt Ion:198 Resp: 9406
Ion Ratio Lower Upper
198 100
51 64.0 50.1 90.1
105 52.5 32.5 72.5

Manual Integrations
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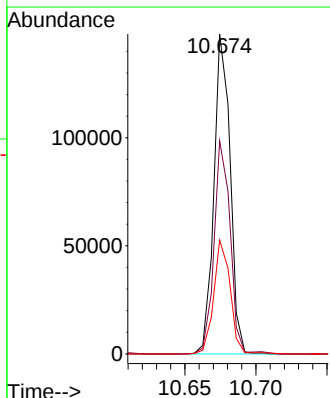
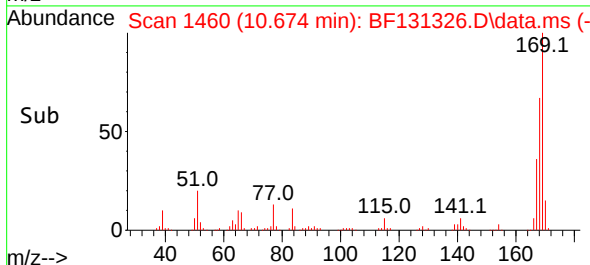
Reviewed By :Christian Giraldo 11/23/2022
Supervised By :Jagrut Upadhyay 11/23/2022

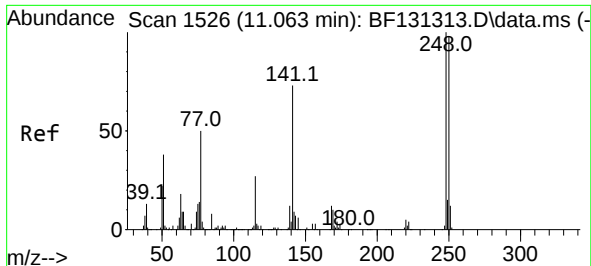


#66
n-Nitrosodiphenylamine
Concen: 8.288 ng
RT: 10.674 min Scan# 1460
Delta R.T. -0.012 min
Lab File: BF131326.D
Acq: 22 Nov 2022 12:31



Tgt Ion:169 Resp: 117587
Ion Ratio Lower Upper
169 100
168 66.6 52.4 78.6
167 35.5 29.2 43.8





#67

4-Bromophenyl-phenylether

Concen: 8.222 ng

RT: 11.051 min Scan# 1526

Delta R.T. -0.012 min

Lab File: BF131326.D

Acq: 22 Nov 2022 12:31

Instrument :

BNA_F

ClientSampleId :

MDL-WATER-03-QT4-2022

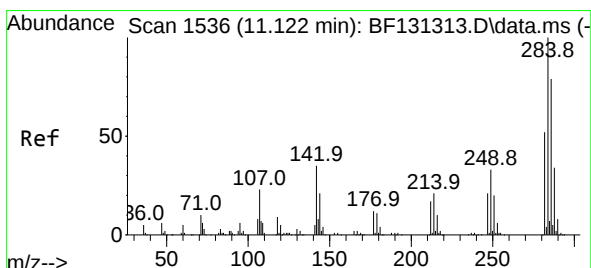
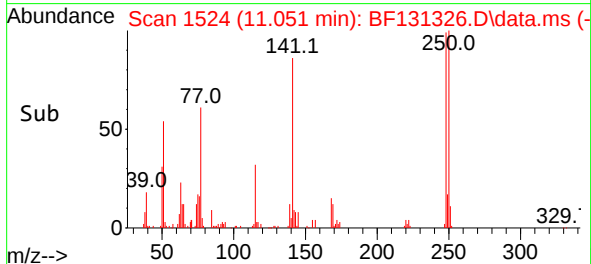
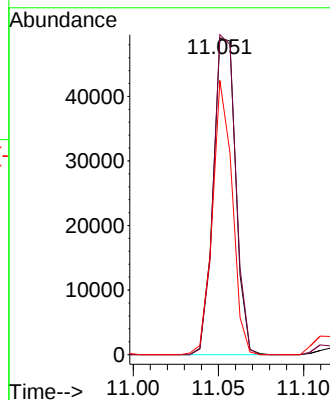
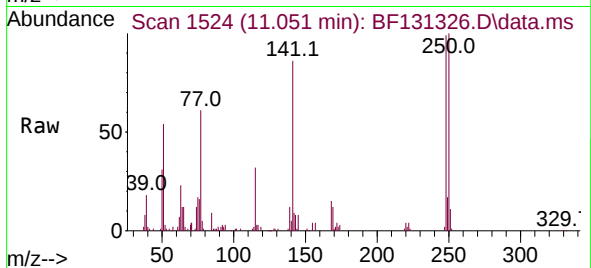
Tgt Ion:	248	Resp:	44866
Ion Ratio	Lower	Upper	
248	100		
250	101.0	78.3	117.5
141	86.6	58.0	87.0

Manual Integrations

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Reviewed By :Christian Giraldo 11/23/2022

Supervised By :Jagrut Upadhyay 11/23/2022



#68

Hexachlorobenzene

Concen: 8.378 ng

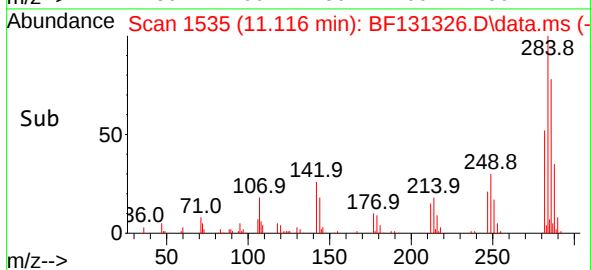
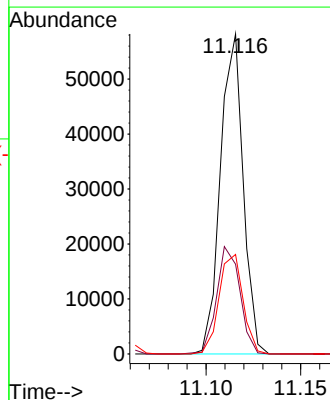
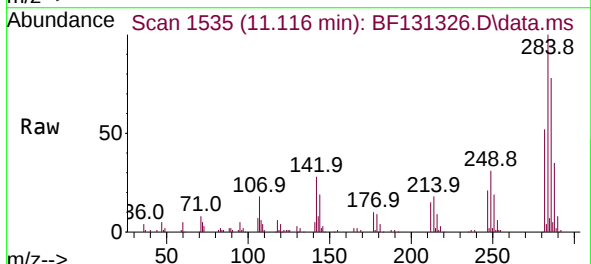
RT: 11.116 min Scan# 1535

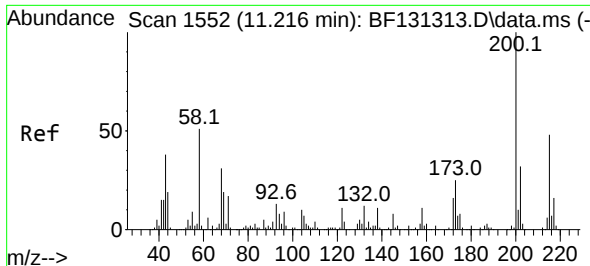
Delta R.T. -0.006 min

Lab File: BF131326.D

Acq: 22 Nov 2022 12:31

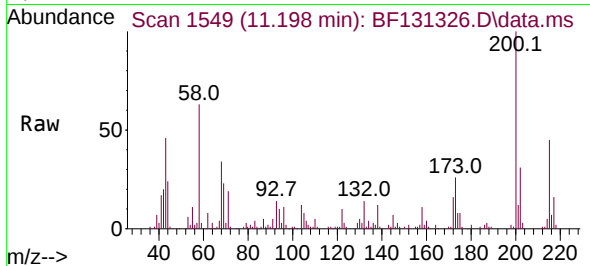
Tgt Ion:	284	Resp:	48520
Ion Ratio	Lower	Upper	
284	100		
142	28.1	28.4	42.6#
249	31.1	26.5	39.7





#69
Atrazine
Concen: 9.792 ng
RT: 11.198 min Scan# 1549
Delta R.T. -0.018 min
Lab File: BF131326.D
Acq: 22 Nov 2022 12:31

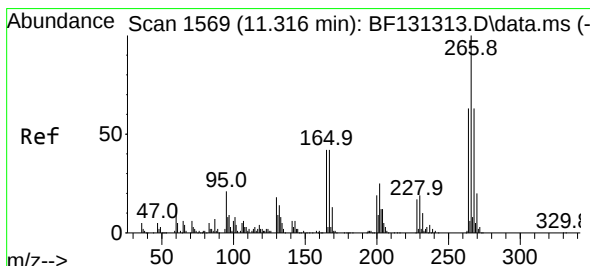
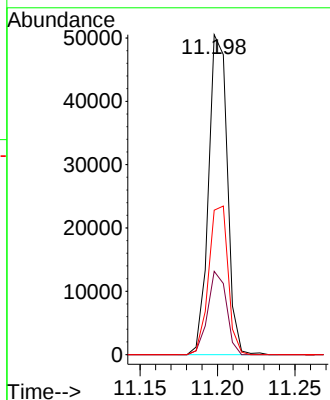
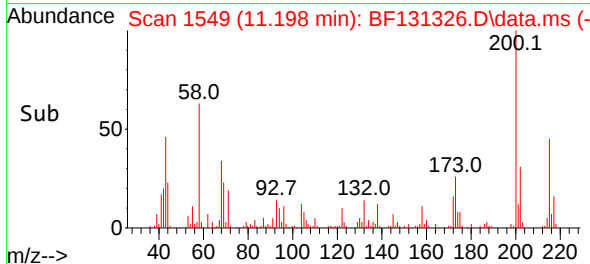
Instrument :
BNA_F
ClientSampleId :
MDL-WATER-03-QT4-2022



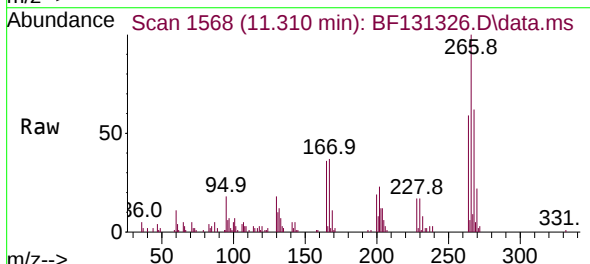
Tgt Ion:200 Resp: 4277
Ion Ratio Lower Upper
200 100
173 26.0 5.2 45.2
215 45.1 28.3 68.3

Manual Integrations
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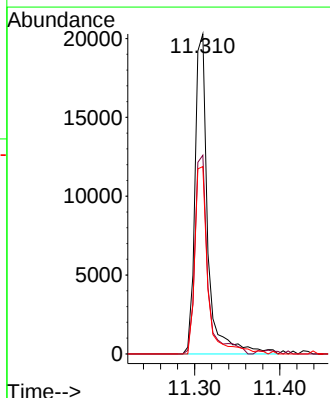
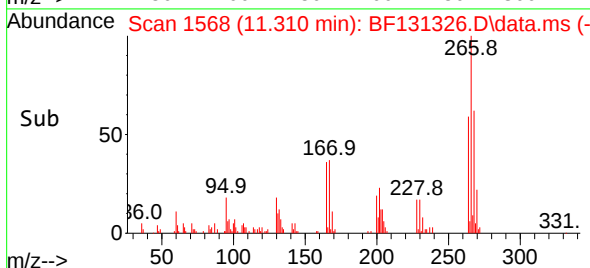
Reviewed By :Christian Giraldo 11/23/2022
Supervised By :Jagrut Upadhyay 11/23/2022

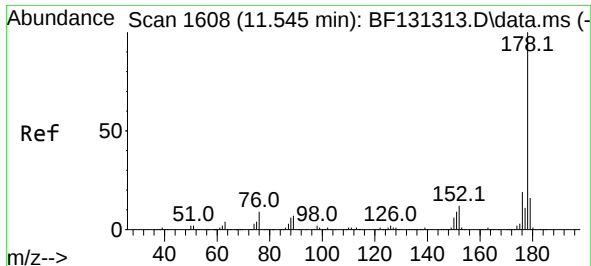


#70
Pentachlorophenol
Concen: 7.144 ng
RT: 11.310 min Scan# 1568
Delta R.T. -0.006 min
Lab File: BF131326.D
Acq: 22 Nov 2022 12:31



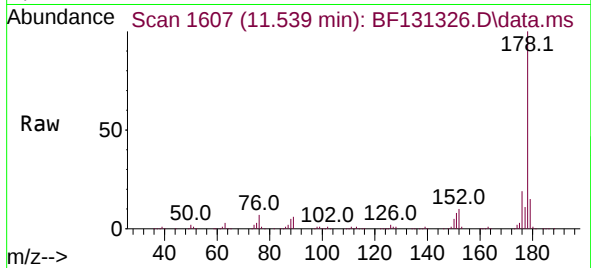
Tgt Ion:266 Resp: 21228
Ion Ratio Lower Upper
266 100
268 62.1 50.6 75.8
264 58.5 50.4 75.6





#71
Phenanthrene
Concen: 8.463 ng
RT: 11.539 min Scan# 1607
Delta R.T. -0.006 min
Lab File: BF131326.D
Acq: 22 Nov 2022 12:31

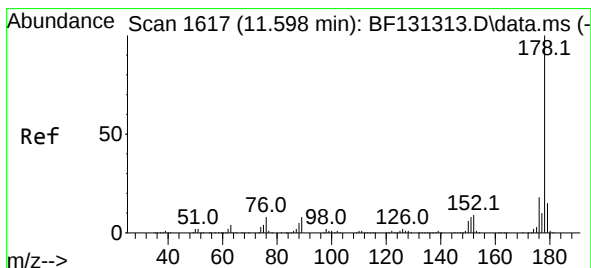
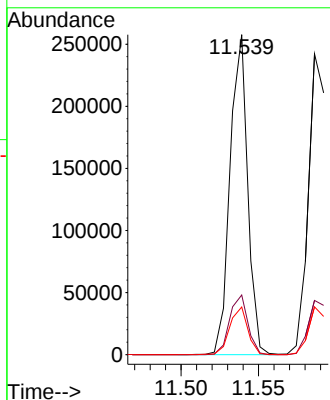
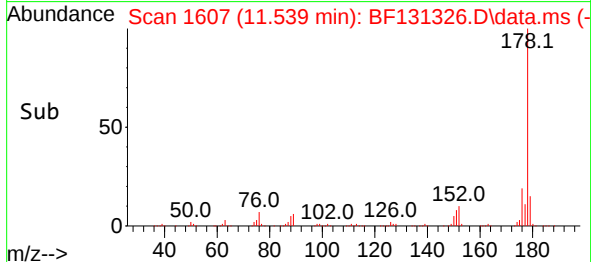
Instrument :
BNA_F
ClientSampleId :
MDL-WATER-03-QT4-2022



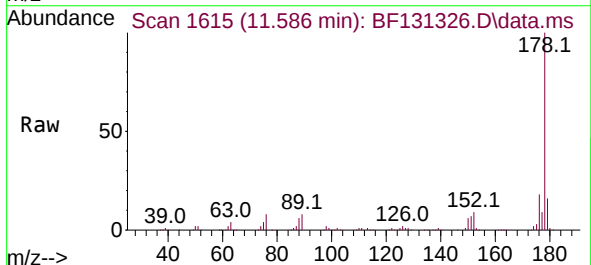
Tgt Ion:178 Resp: 203632
Ion Ratio Lower Upper
178 100
176 18.6 15.6 23.4
179 14.9 12.4 18.6

Manual Integrations
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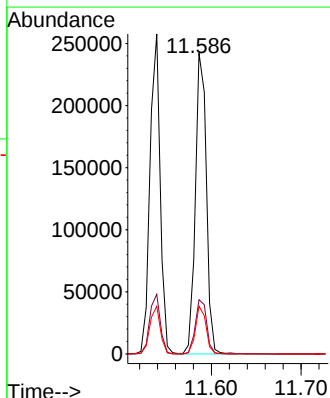
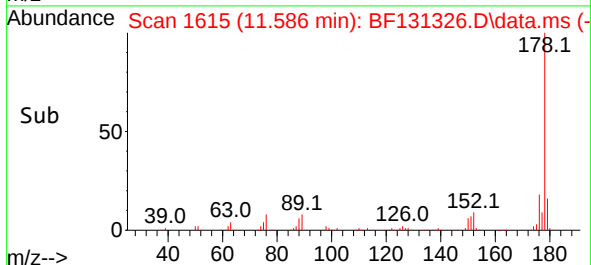
Reviewed By :Christian Giraldo 11/23/2022
Supervised By :Jagrut Upadhyay 11/23/2022

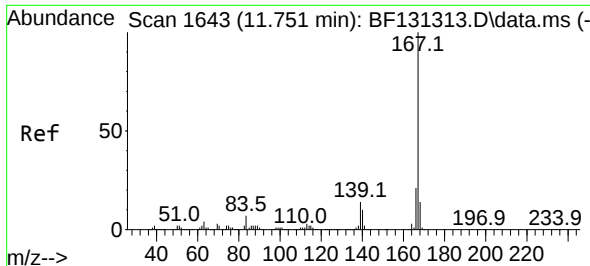


#72
Anthracene
Concen: 8.719 ng
RT: 11.586 min Scan# 1615
Delta R.T. -0.012 min
Lab File: BF131326.D
Acq: 22 Nov 2022 12:31



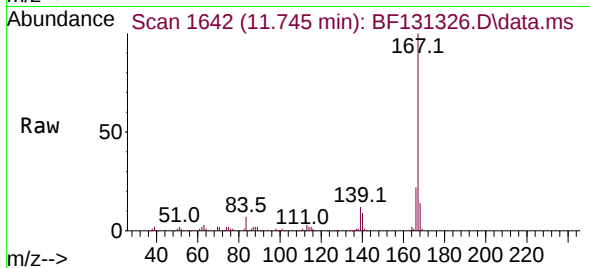
Tgt Ion:178 Resp: 206166
Ion Ratio Lower Upper
178 100
176 18.0 14.7 22.1
179 15.9 12.2 18.4





#73
Carbazole
Concen: 8.780 ng
RT: 11.745 min Scan# 1642
Delta R.T. -0.006 min
Lab File: BF131326.D
Acq: 22 Nov 2022 12:31

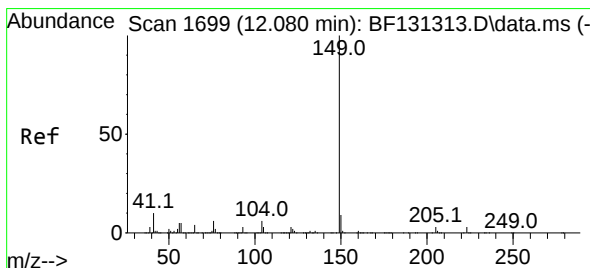
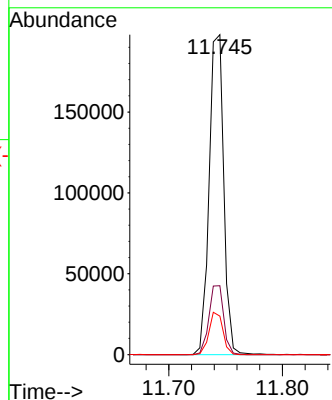
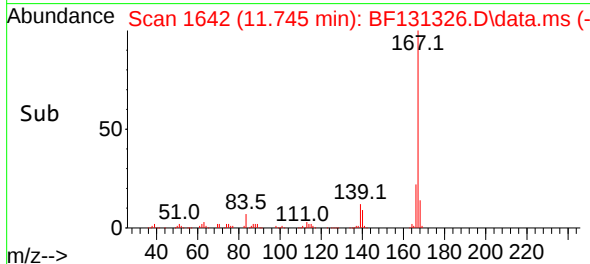
Instrument : BNA_F
ClientSampleId : MDL-WATER-03-QT4-2022



Tgt Ion:167 Resp: 177105
Ion Ratio Lower Upper
167 100
166 21.5 17.0 25.6
139 12.0 10.8 16.2

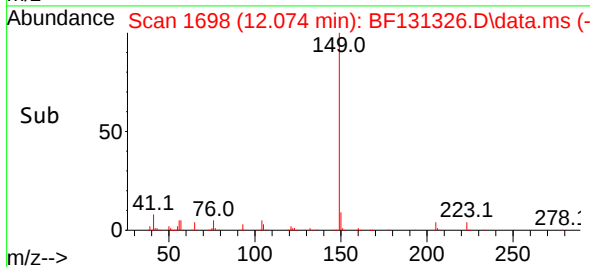
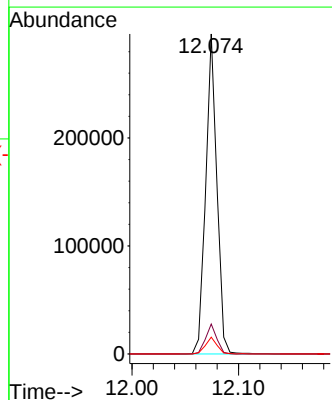
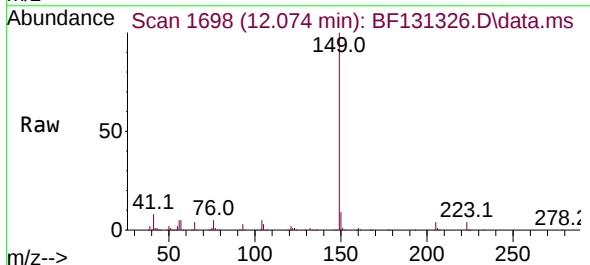
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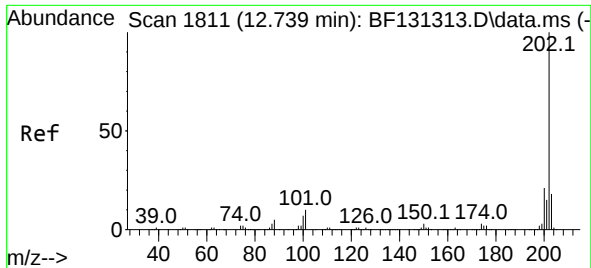
Reviewed By :Christian Giraldo 11/23/2022
Supervised By :Jagrut Upadhyay 11/23/2022



#74
Di-n-butylphthalate
Concen: 9.026 ng
RT: 12.074 min Scan# 1698
Delta R.T. -0.006 min
Lab File: BF131326.D
Acq: 22 Nov 2022 12:31

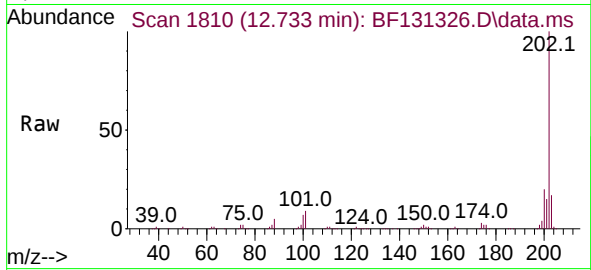
Tgt Ion:149 Resp: 214533
Ion Ratio Lower Upper
149 100
150 9.3 7.3 10.9
104 5.3 4.7 7.1





#75
Fluoranthene
Concen: 8.543 ng
RT: 12.733 min Scan# 1811
Delta R.T. -0.006 min
Lab File: BF131326.D
Acq: 22 Nov 2022 12:31

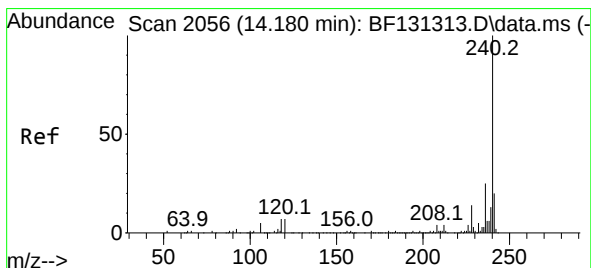
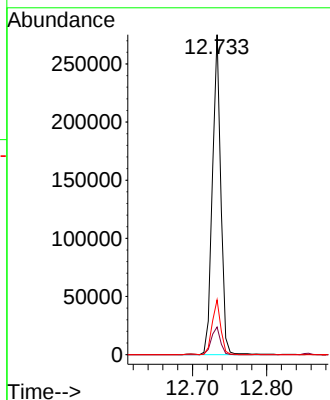
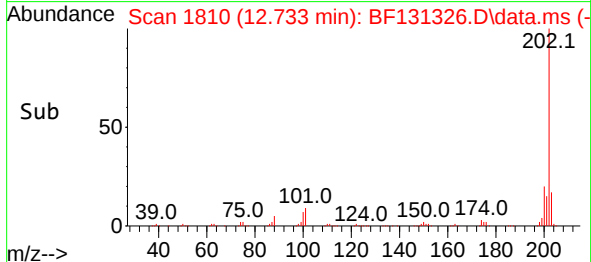
Instrument : BNA_F
ClientSampleId : MDL-WATER-03-QT4-2022



Tgt Ion:202 Resp: 216601
Ion Ratio Lower Upper
202 100
101 8.7 0.0 29.6
203 17.1 0.0 37.8

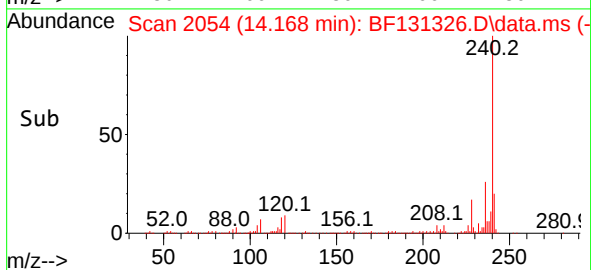
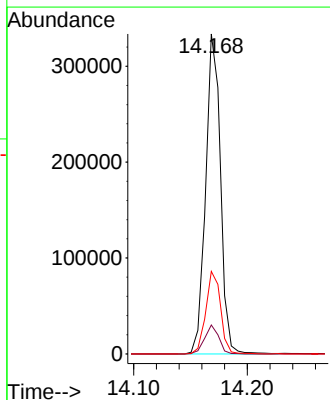
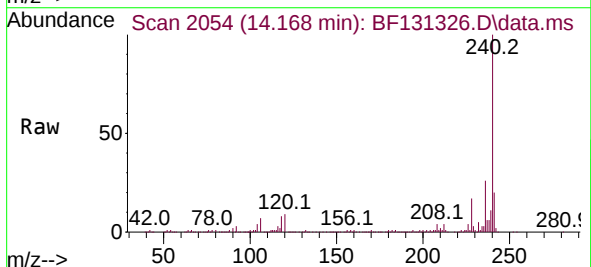
Manual Integrations
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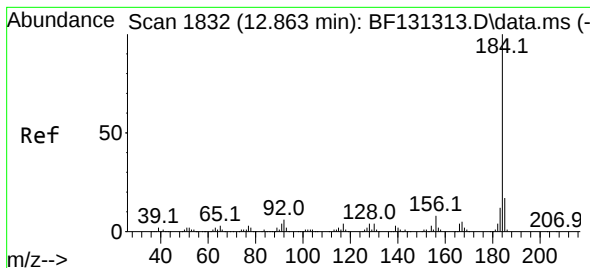
Reviewed By :Christian Giraldo 11/23/2022
Supervised By :Jagrut Upadhyay 11/23/2022



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.168 min Scan# 2054
Delta R.T. -0.012 min
Lab File: BF131326.D
Acq: 22 Nov 2022 12:31

Tgt Ion:240 Resp: 302803
Ion Ratio Lower Upper
240 100
120 9.0 5.8 8.8#
236 25.8 20.3 30.5





#77

Benzidine

Concen: 16.391 ng

RT: 12.857 min Scan# 1831

Delta R.T. -0.006 min

Lab File: BF131326.D

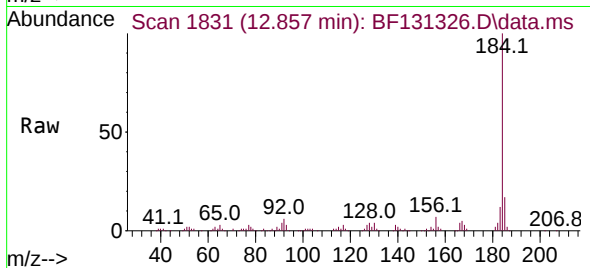
Acq: 22 Nov 2022 12:31

Instrument :

BNA_F

ClientSampleId :

MDL-WATER-03-QT4-2022



Tgt Ion:184 Resp: 91678

Ion Ratio Lower Upper

184 100

185 17.4 13.8 20.8

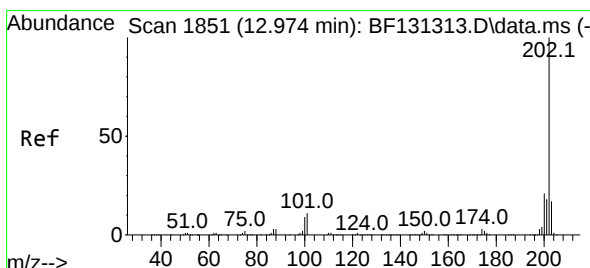
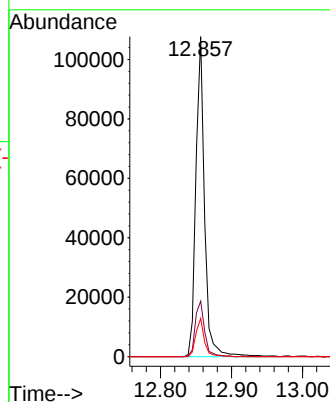
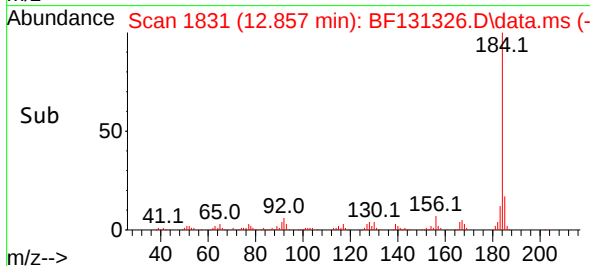
183 11.9 9.6 14.4

Manual Integrations

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Reviewed By :Christian Giraldo 11/23/2022

Supervised By :Jagrut Upadhyay 11/23/2022



#78

Pyrene

Concen: 8.220 ng

RT: 12.963 min Scan# 1849

Delta R.T. -0.012 min

Lab File: BF131326.D

Acq: 22 Nov 2022 12:31

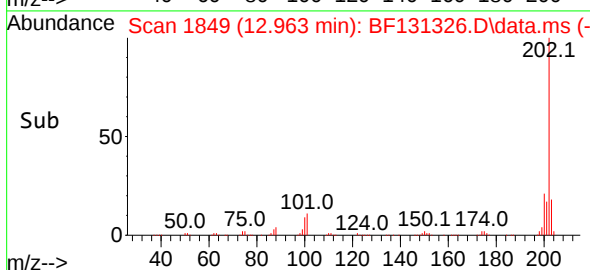
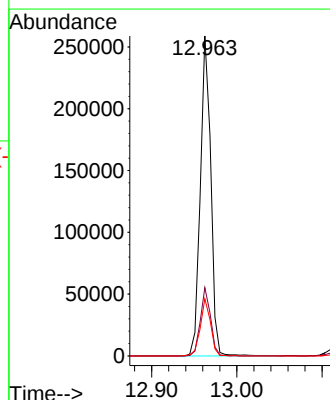
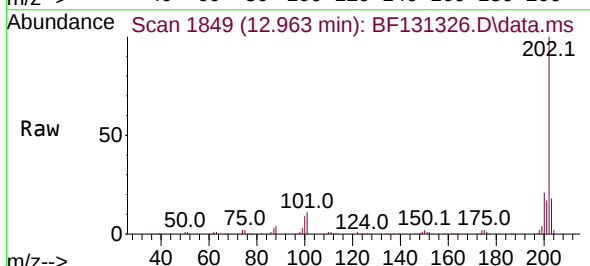
Tgt Ion:202 Resp: 219615

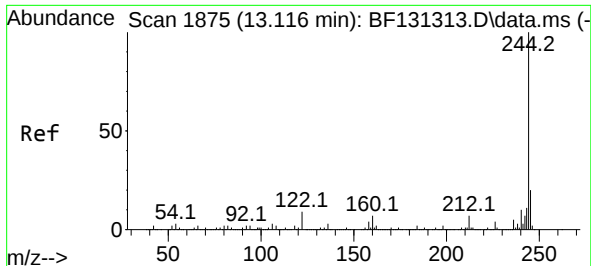
Ion Ratio Lower Upper

202 100

200 21.3 16.9 25.3

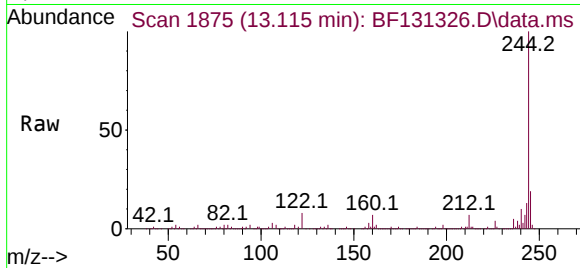
203 17.8 13.9 20.9





#79
Terphenyl-d14
Concen: 72.382 ng
RT: 13.115 min Scan# 1875
Delta R.T. -0.000 min
Lab File: BF131326.D
Acq: 22 Nov 2022 12:31

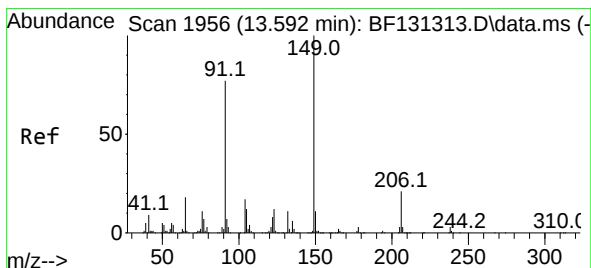
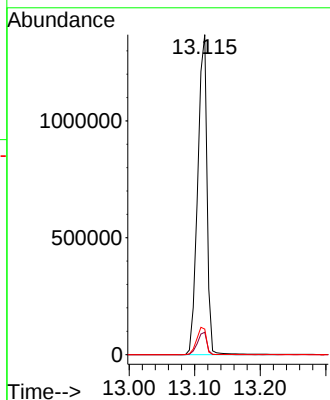
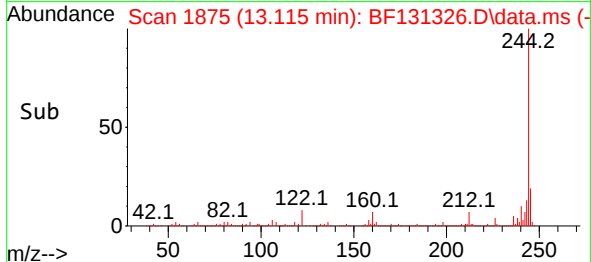
Instrument : BNA_F
ClientSampleId : MDL-WATER-03-QT4-2022



Tgt Ion:244 Resp: 1340294
Ion Ratio Lower Upper
244 100
212 7.0 5.9 8.9
122 8.0 7.5 11.3

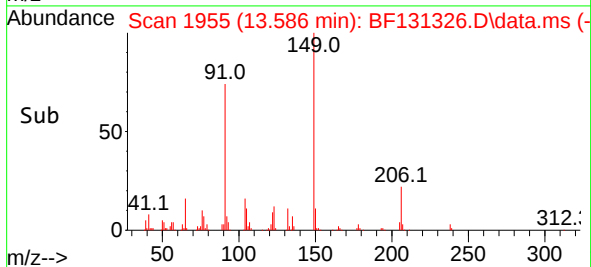
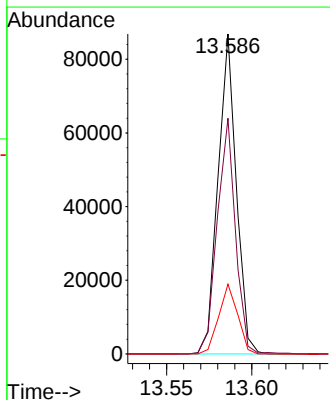
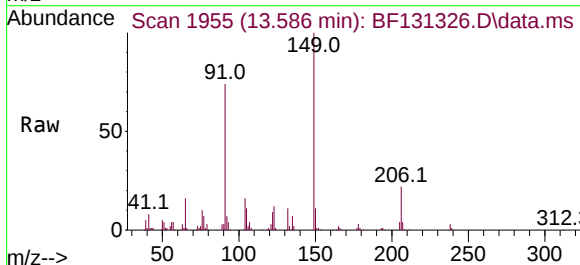
Manual Integrations
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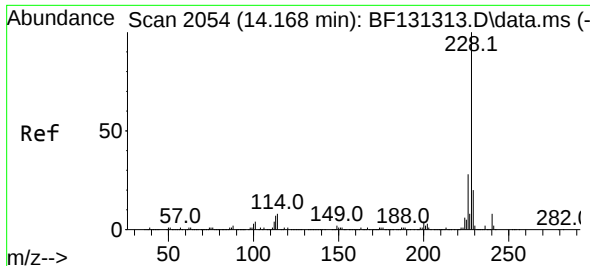
Reviewed By :Christian Giraldo 11/23/2022
Supervised By :Jagrut Upadhyay 11/23/2022



#80
Butylbenzylphthalate
Concen: 8.405 ng
RT: 13.586 min Scan# 1955
Delta R.T. -0.006 min
Lab File: BF131326.D
Acq: 22 Nov 2022 12:31

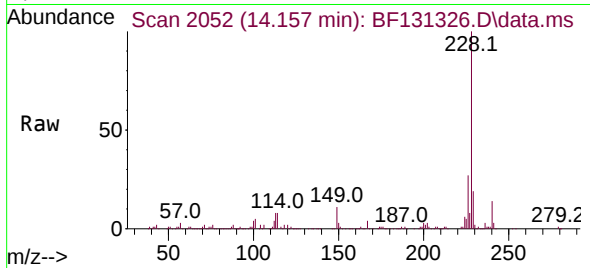
Tgt Ion:149 Resp: 64697
Ion Ratio Lower Upper
149 100
91 73.6 61.9 92.9
206 21.8 16.5 24.7





#81
Benzo(a)anthracene
Concen: 8.165 ng
RT: 14.157 min Scan# 2052
Delta R.T. -0.011 min
Lab File: BF131326.D
Acq: 22 Nov 2022 12:31

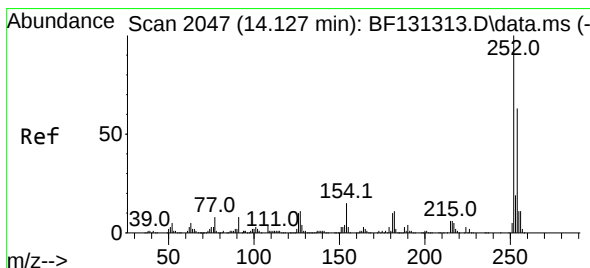
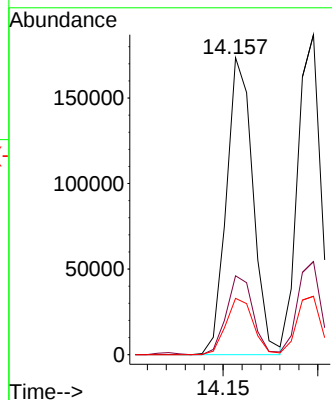
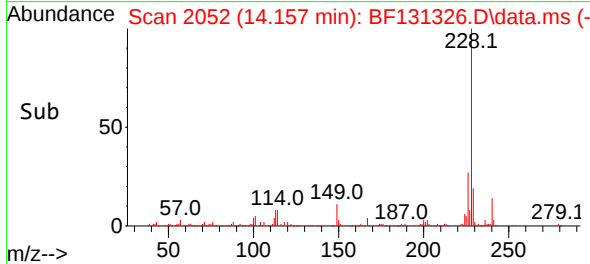
Instrument : BNA_F
ClientSampleId : MDL-WATER-03-QT4-2022



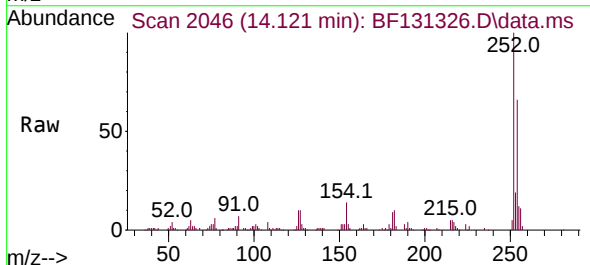
Tgt Ion:228 Resp: 169474
Ion Ratio Lower Upper
228 100
226 26.6 22.0 33.0
229 18.9 15.7 23.5

Manual Integrations
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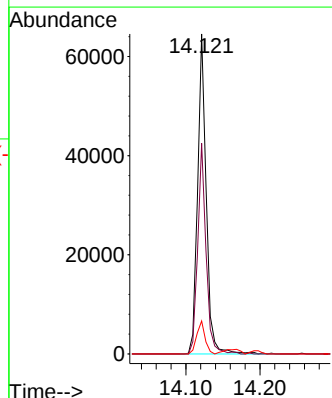
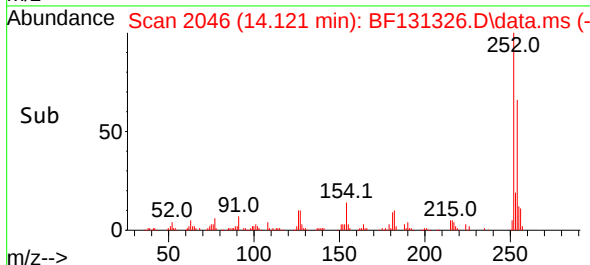
Reviewed By :Christian Giraldo 11/23/2022
Supervised By :Jagrut Upadhyay 11/23/2022

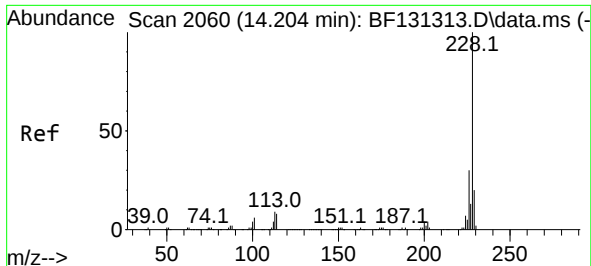


#82
3,3'-Dichlorobenzidine
Concen: 9.503 ng
RT: 14.121 min Scan# 2046
Delta R.T. -0.006 min
Lab File: BF131326.D
Acq: 22 Nov 2022 12:31



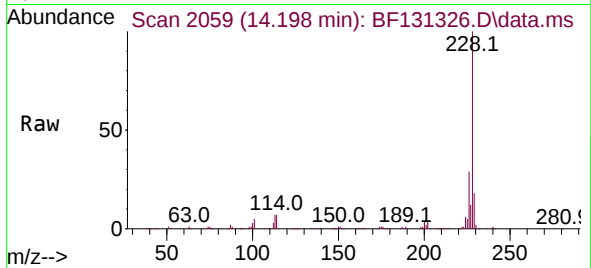
Tgt Ion:252 Resp: 52342
Ion Ratio Lower Upper
252 100
254 65.8 50.8 76.2
126 10.3 8.3 12.5





#83
Chrysene
Concen: 7.974 ng
RT: 14.198 min Scan# 2059
Delta R.T. -0.006 min
Lab File: BF131326.D
Acq: 22 Nov 2022 12:31

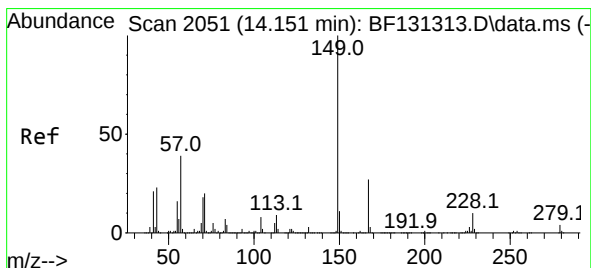
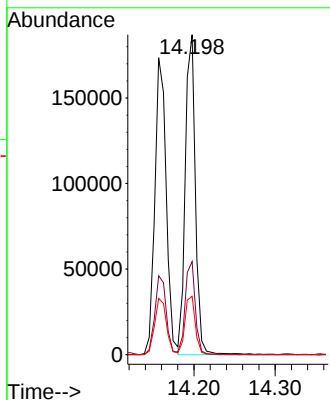
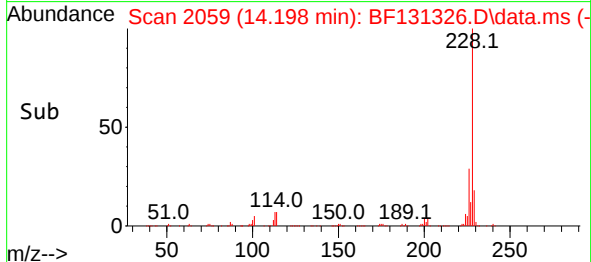
Instrument : BNA_F
ClientSampleId : MDL-WATER-03-QT4-2022



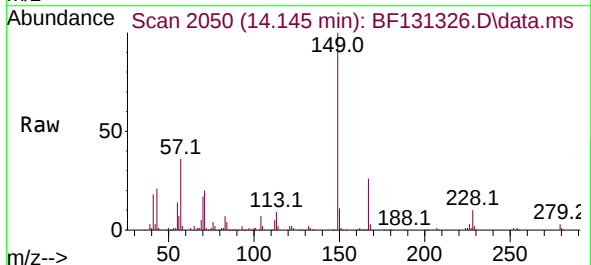
Tgt Ion:228 Resp: 162386
Ion Ratio Lower Upper
228 100
226 29.1 23.7 35.5
229 18.2 16.2 24.4

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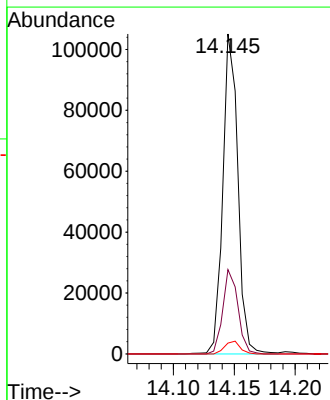
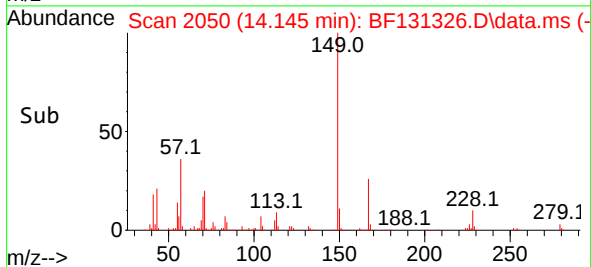
Reviewed By :Christian Giraldo 11/23/2022
Supervised By :Jagrut Upadhyay 11/23/2022

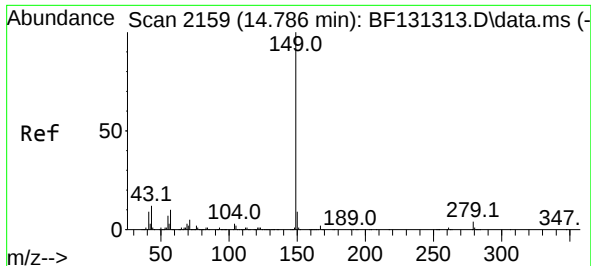


#84
Bis(2-ethylhexyl)phthalate
Concen: 8.704 ng
RT: 14.145 min Scan# 2050
Delta R.T. -0.006 min
Lab File: BF131326.D
Acq: 22 Nov 2022 12:31



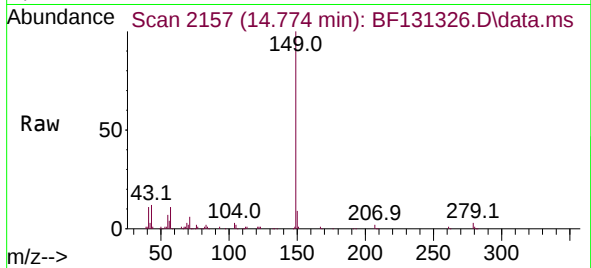
Tgt Ion:149 Resp: 90435
Ion Ratio Lower Upper
149 100
167 26.3 21.9 32.9
279 3.4 3.0 4.4





#85
Di-n-octyl phthalate
Concen: 6.558 ng
RT: 14.774 min Scan# 2159
Delta R.T. -0.012 min
Lab File: BF131326.D
Acq: 22 Nov 2022 12:31

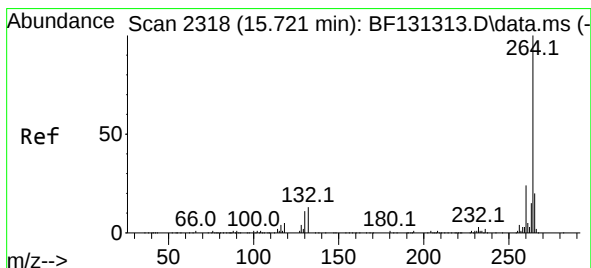
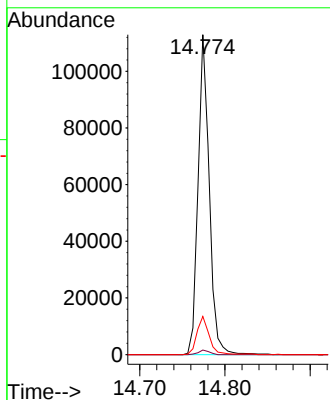
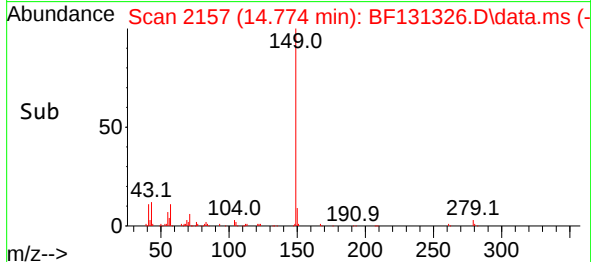
Instrument : BNA_F
ClientSampleId : MDL-WATER-03-QT4-2022



Tgt Ion:149 Resp: 102738
Ion Ratio Lower Upper
149 100
167 1.4 1.2 1.8
43 13.1 10.7 16.1

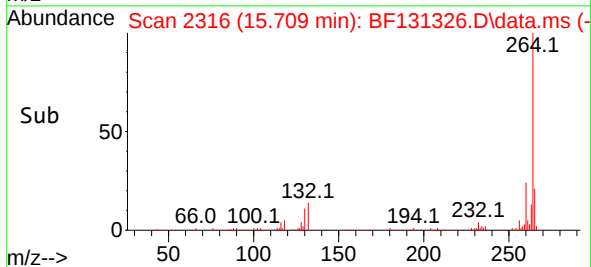
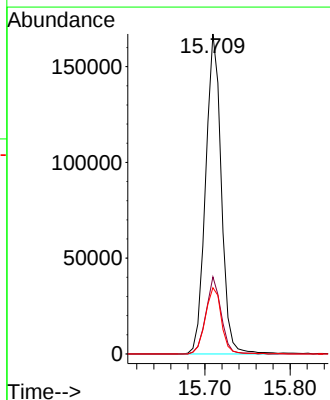
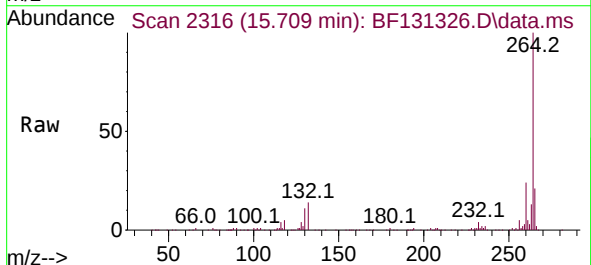
Manual Integrations
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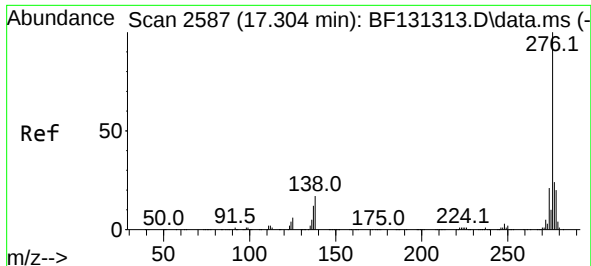
Reviewed By :Christian Giraldo 11/23/2022
Supervised By :Jagrut Upadhyay 11/23/2022



#86
Perylene-d12
Concen: 20.000 ng
RT: 15.709 min Scan# 2316
Delta R.T. -0.012 min
Lab File: BF131326.D
Acq: 22 Nov 2022 12:31

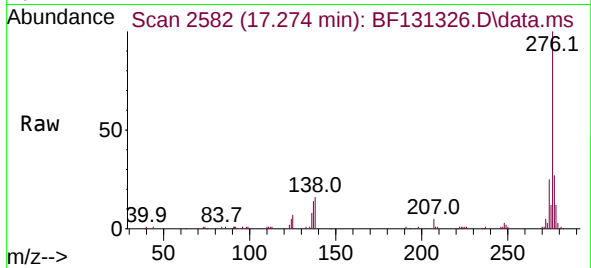
Tgt Ion:264 Resp: 213081
Ion Ratio Lower Upper
264 100
260 24.1 19.0 28.4
265 20.7 16.4 24.6





#87
Indeno(1,2,3-cd)pyrene
Concen: 6.689 ng
RT: 17.274 min Scan# 21
Delta R.T. -0.030 min
Lab File: BF131326.D
Acq: 22 Nov 2022 12:31

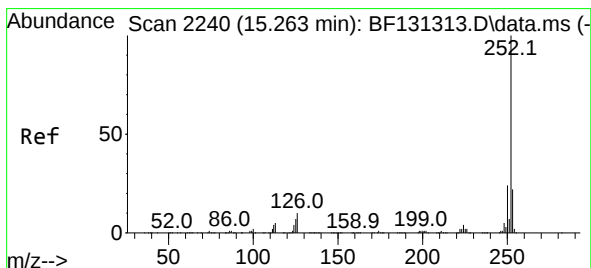
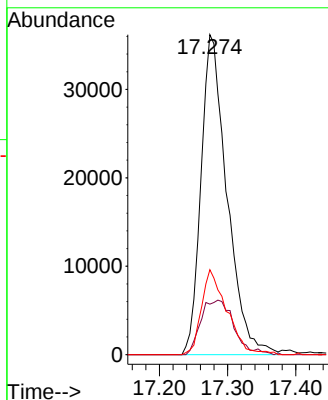
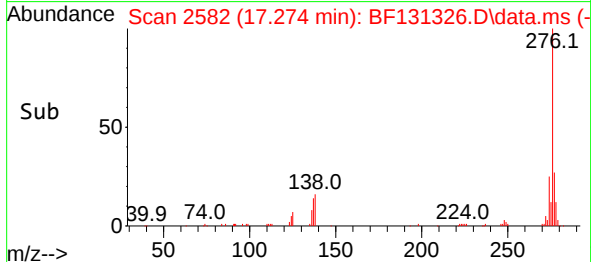
Instrument :
BNA_F
ClientSampleId :
MDL-WATER-03-QT4-2022



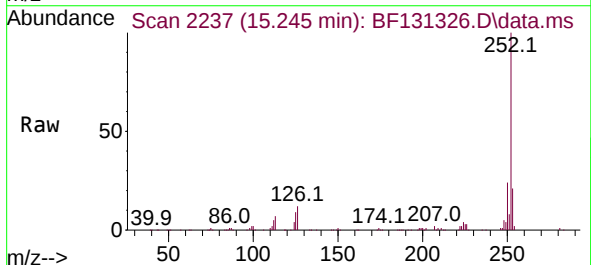
Tgt Ion: 276 Resp: 95735
Ion Ratio Lower Upper
276 100
138 21.6 15.8 23.6
277 26.1 20.3 30.5

Manual Integrations
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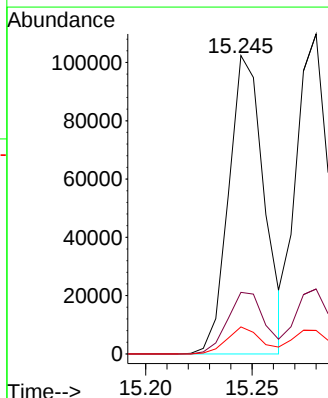
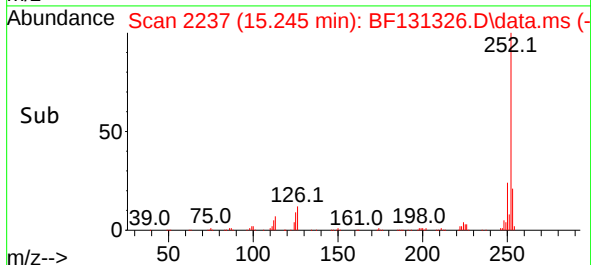
Reviewed By : Christian Giraldo 11/23/2022
Supervised By : Jagrut Upadhyay 11/23/2022

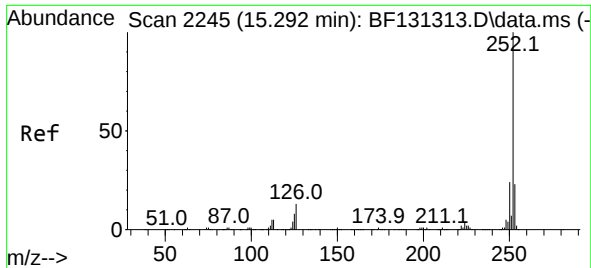


#88
Benzo(b)fluoranthene
Concen: 8.362 ng m
RT: 15.245 min Scan# 2237
Delta R.T. -0.018 min
Lab File: BF131326.D
Acq: 22 Nov 2022 12:31



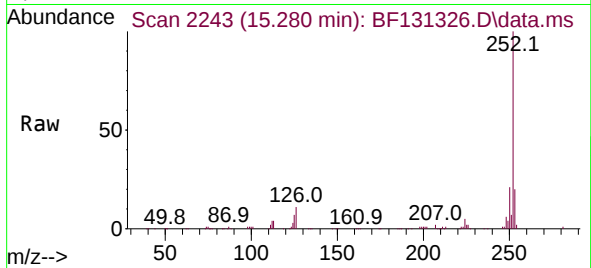
Tgt Ion: 252 Resp: 118372
Ion Ratio Lower Upper
252 100
253 20.6 17.5 26.3
125 9.0 5.8 8.6





#89
Benzo(k)fluoranthene
Concen: 8.403 ng
RT: 15.280 min Scan# 21
Delta R.T. -0.012 min
Lab File: BF131326.D
Acq: 22 Nov 2022 12:31

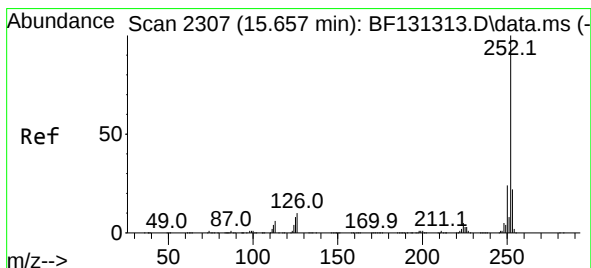
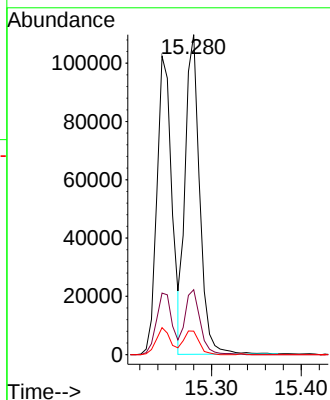
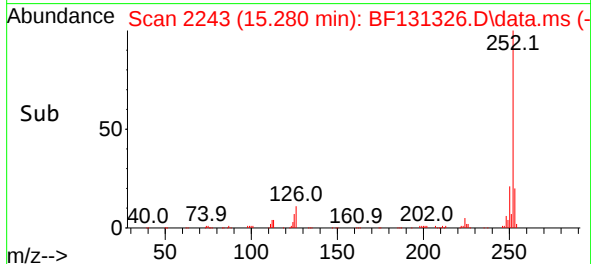
Instrument :
BNA_F
ClientSampleId :
MDL-WATER-03-QT4-2022



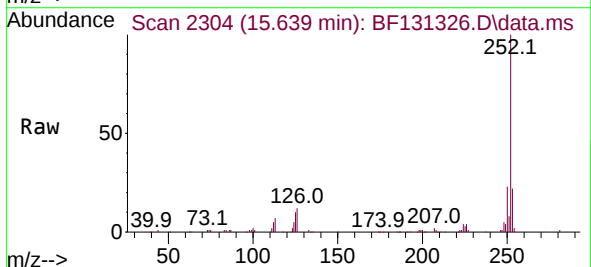
Tgt Ion:252 Resp: 122231
Ion Ratio Lower Upper
252 100
253 20.3 17.9 26.9
125 7.3 6.6 10.0

Manual Integrations
APPROVED

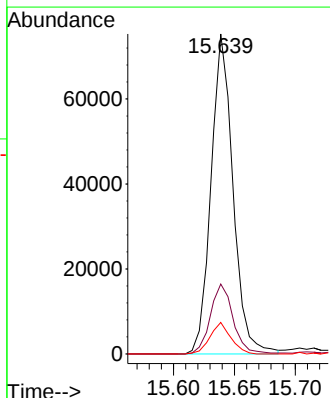
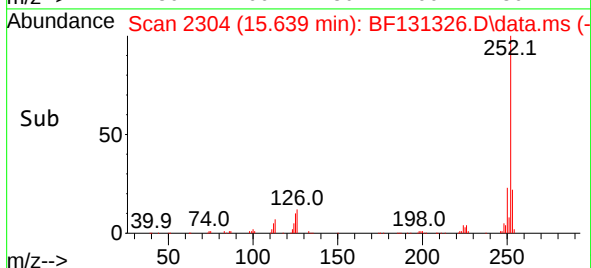
Reviewed By :Christian Giraldo 11/23/2022
Supervised By :Jagrut Upadhyay 11/23/2022

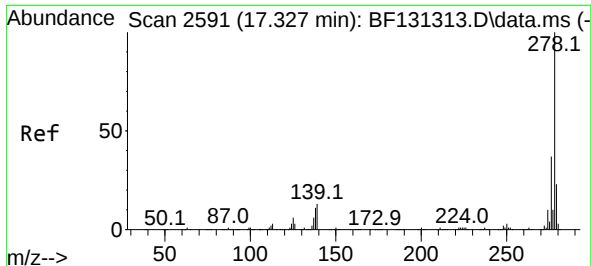


#90
Benzo(a)pyrene
Concen: 8.138 ng
RT: 15.639 min Scan# 2304
Delta R.T. -0.018 min
Lab File: BF131326.D
Acq: 22 Nov 2022 12:31



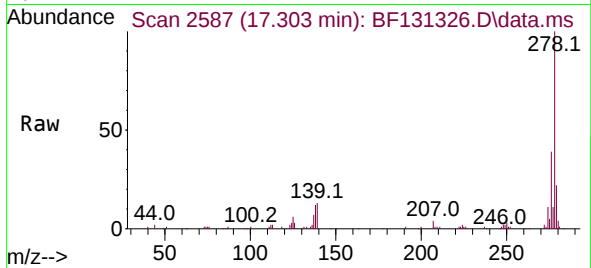
Tgt Ion:252 Resp: 94517
Ion Ratio Lower Upper
252 100
253 21.8 17.5 26.3
125 9.8 6.1 9.1#





#91
Dibenzo(a,h)anthracene
Concen: 6.961 ng
RT: 17.303 min Scan# 2587
Delta R.T. -0.024 min
Lab File: BF131326.D
Acq: 22 Nov 2022 12:31

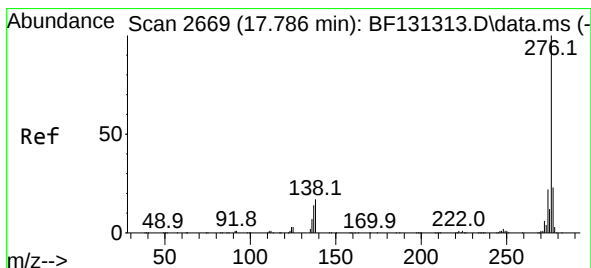
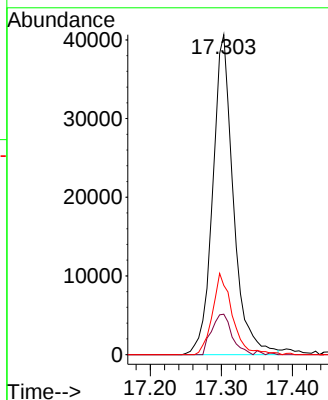
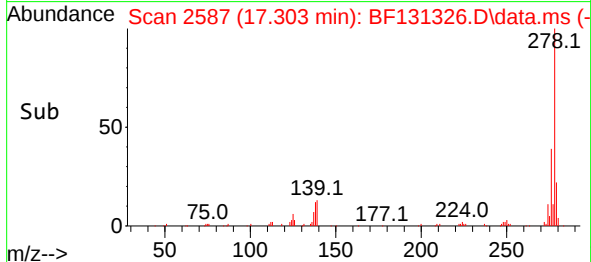
Instrument : BNA_F
ClientSampleId : MDL-WATER-03-QT4-2022



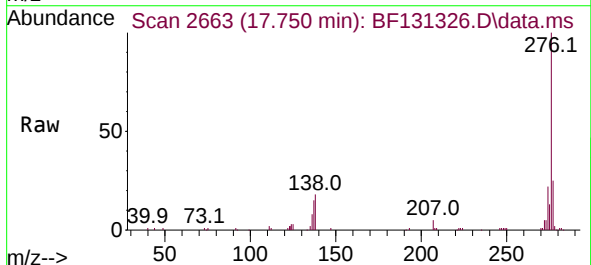
Tgt Ion: 278 Resp: 8224
Ion Ratio Lower Upper
278 100
139 12.6 10.4 15.6
279 21.6 18.3 27.5

Manual Integrations
APPROVED

Reviewed By : Christian Giraldo 11/23/2022
Supervised By : Jagrut Upadhyay 11/23/2022



#92
Benzo(g,h,i)perylene
Concen: 7.014 ng
RT: 17.750 min Scan# 2663
Delta R.T. -0.035 min
Lab File: BF131326.D
Acq: 22 Nov 2022 12:31



Tgt Ion: 276 Resp: 82712
Ion Ratio Lower Upper
276 100
277 24.9 18.3 27.5
138 17.6 13.8 20.6

