

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF013123\
 Data File : BF132248.D
 Acq On : 01 Feb 2023 01:00
 Operator : CG\JU
 Sample : N3980-09
 Misc : MDL-MDL-WATER 8PPM
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 MDL-WATER-03-QT3-2022

Quant Time: Feb 01 06:00:54 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF013123.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Feb 01 05:24:37 2023
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By : Christian Giraldo 02/01/2023
 Supervised By : Jagrut Upadhyay 02/01/2023

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.072	152	188863	20.000	ng	0.00
21) Naphthalene-d8	8.354	136	695804	20.000	ng	0.00
39) Acenaphthene-d10	10.119	164	348689	20.000	ng	0.00
64) Phenanthrene-d10	11.619	188	637303	20.000	ng	0.00
76) Chrysene-d12	14.283	240	461409	20.000	ng	0.00
86) Perylene-d12	15.865	264	438952	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.684	112	1191282	101.389	ng	0.00
7) Phenol-d6	6.684	99	1462929	100.992	ng	0.00
23) Nitrobenzene-d5	7.631	82	877345	70.166	ng	0.00
42) 2,4,6-Tribromophenol	10.913	330	402641	112.288	ng	0.00
45) 2-Fluorobiphenyl	9.430	172	1497938	66.340	ng	0.00
79) Terphenyl-d14	13.213	244	1575853	66.066	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	2.960	88	43377	7.846	ng	98
3) Pyridine	3.760	79	100249	6.684	ng	97
4) n-Nitrosodimethylamine	3.678	42	34823	7.256	ng	# 92
6) Aniline	6.731	93	154087	7.839	ng	98
8) 2-Chlorophenol	6.854	128	103702	8.522	ng	96
9) Benzaldehyde	6.619	77	84827	8.095	ng	95
10) Phenol	6.695	94	121996	8.137	ng	95
11) bis(2-Chloroethyl)ether	6.795	93	102087	8.273	ng	98
12) 1,3-Dichlorobenzene	7.007	146	113982	8.856	ng	99
13) 1,4-Dichlorobenzene	7.084	146	114458	8.909	ng	99
14) 1,2-Dichlorobenzene	7.242	146	107745	8.993	ng	98
15) Benzyl Alcohol	7.195	79	93649m	8.860	ng	
16) 2,2'-oxybis(1-Chloropr...	7.336	45	110059	8.466	ng	99
17) 2-Methylphenol	7.301	107	84188	7.903	ng	98
18) Hexachloroethane	7.584	117	42056	8.726	ng	93
19) n-Nitroso-di-n-propyla...	7.466	70	69886	8.494	ng	99
20) 3+4-Methylphenols	7.454	107	109203	8.032	ng	98
22) Acetophenone	7.472	105	147883	9.037	ng	# 97
24) Nitrobenzene	7.648	77	106612	8.346	ng	100
25) Isophorone	7.878	82	191233	8.058	ng	97
26) 2-Nitrophenol	7.966	139	50494	8.115	ng	91
27) 2,4-Dimethylphenol	7.989	122	85009	7.805	ng	96
28) bis(2-Chloroethoxy)met...	8.089	93	124507	8.537	ng	98
29) 2,4-Dichlorophenol	8.201	162	80436	8.319	ng	97
30) 1,2,4-Trichlorobenzene	8.295	180	91567	8.843	ng	96
31) Naphthalene	8.378	128	302088	8.820	ng	100
32) Benzoic acid	8.036	122	44338m	5.500	ng	
33) 4-Chloroaniline	8.419	127	126644	8.339	ng	97
34) Hexachlorobutadiene	8.489	225	50733	8.716	ng	97
35) Caprolactam	8.748	113	26326	7.986	ng	94
36) 4-Chloro-3-methylphenol	8.883	107	86006	8.256	ng	99
37) 2-Methylnaphthalene	9.072	142	199009	8.578	ng	99
38) 1-Methylnaphthalene	9.172	142	188763	8.756	ng	98
40) 1,2,4,5-Tetrachloroben...	9.236	216	86793	8.845	ng	98
41) Hexachlorocyclopentadiene	9.225	237	48526	8.476	ng	96
43) 2,4,6-Trichlorophenol	9.342	196	56944	8.118	ng	97

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.378	196	61106	7.569	ng	98
46) 1,1'-Biphenyl	9.536	154	247985	9.225	ng	97
47) 2-Chloronaphthalene	9.560	162	185176	9.044	ng	99
48) 2-Nitroaniline	9.648	65	46962	7.712	ng	99
49) Acenaphthylene	9.977	152	288222	8.625	ng	99
50) Dimethylphthalate	9.825	163	206555	8.468	ng	100
51) 2,6-Dinitrotoluene	9.889	165	43994	8.076	ng	91
52) Acenaphthene	10.154	154	181299m	8.666	ng	
53) 3-Nitroaniline	10.060	138	51753	7.834	ng	95
54) 2,4-Dinitrophenol	10.160	184	15793	9.059	ng	# 1
55) Dibenzofuran	10.325	168	258584	8.797	ng	94
56) 4-Nitrophenol	10.201	139	37349	7.513	ng	97
57) 2,4-Dinitrotoluene	10.289	165	56712	8.014	ng	97
58) Fluorene	10.672	166	205863	9.100	ng	99
59) 2,3,4,6-Tetrachlorophenol	10.436	232	46888	7.967	ng	98
60) Diethylphthalate	10.530	149	205259	8.459	ng	99
61) 4-Chlorophenyl-phenyle...	10.660	204	94454	8.798	ng	97
62) 4-Nitroaniline	10.672	138	48770	7.699	ng	98
63) Azobenzene	10.819	77	195535	8.273	ng	98
65) 4,6-Dinitro-2-methylph...	10.701	198	23727	6.560	ng	95
66) n-Nitrosodiphenylamine	10.777	169	174679	8.753	ng	99
67) 4-Bromophenyl-phenylether	11.154	248	55342	8.480	ng	97
68) Hexachlorobenzene	11.219	284	62363	8.941	ng	98
69) Atrazine	11.295	200	52749	9.190	ng	99
70) Pentachlorophenol	11.413	266	30240	6.310	ng	98
71) Phenanthrene	11.642	178	298978	8.978	ng	97
72) Anthracene	11.695	178	301522	8.897	ng	98
73) Carbazole	11.842	167	267908	8.816	ng	99
74) Di-n-butylphthalate	12.171	149	305513	8.504	ng	# 97
75) Fluoranthene	12.842	202	293520	8.637	ng	98
77) Benzidine	12.960	184	150437	9.326	ng	98
78) Pyrene	13.071	202	305595	8.235	ng	98
80) Butylbenzylphthalate	13.683	149	116494	7.105	ng	99
81) Benzo(a)anthracene	14.271	228	265517	8.228	ng	99
82) 3,3'-Dichlorobenzidine	14.224	252	92499	8.999	ng	97
83) Chrysene	14.307	228	246092	8.144	ng	99
84) Bis(2-ethylhexyl)phtha...	14.242	149	169285	7.638	ng	99
85) Di-n-octyl phthalate	14.877	149	266290	7.367	ng	99
87) Indeno(1,2,3-cd)pyrene	17.506	276	203863	6.990	ng	99
88) Benzo(b)fluoranthene	15.383	252	233657	8.374	ng	99
89) Benzo(k)fluoranthene	15.418	252	234412	8.802	ng	98
90) Benzo(a)pyrene	15.795	252	196972	7.581	ng	99
91) Dibenzo(a,h)anthracene	17.530	278	178168	7.598	ng	100
92) Benzo(g,h,i)perylene	18.006	276	175716	7.253	ng	98

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

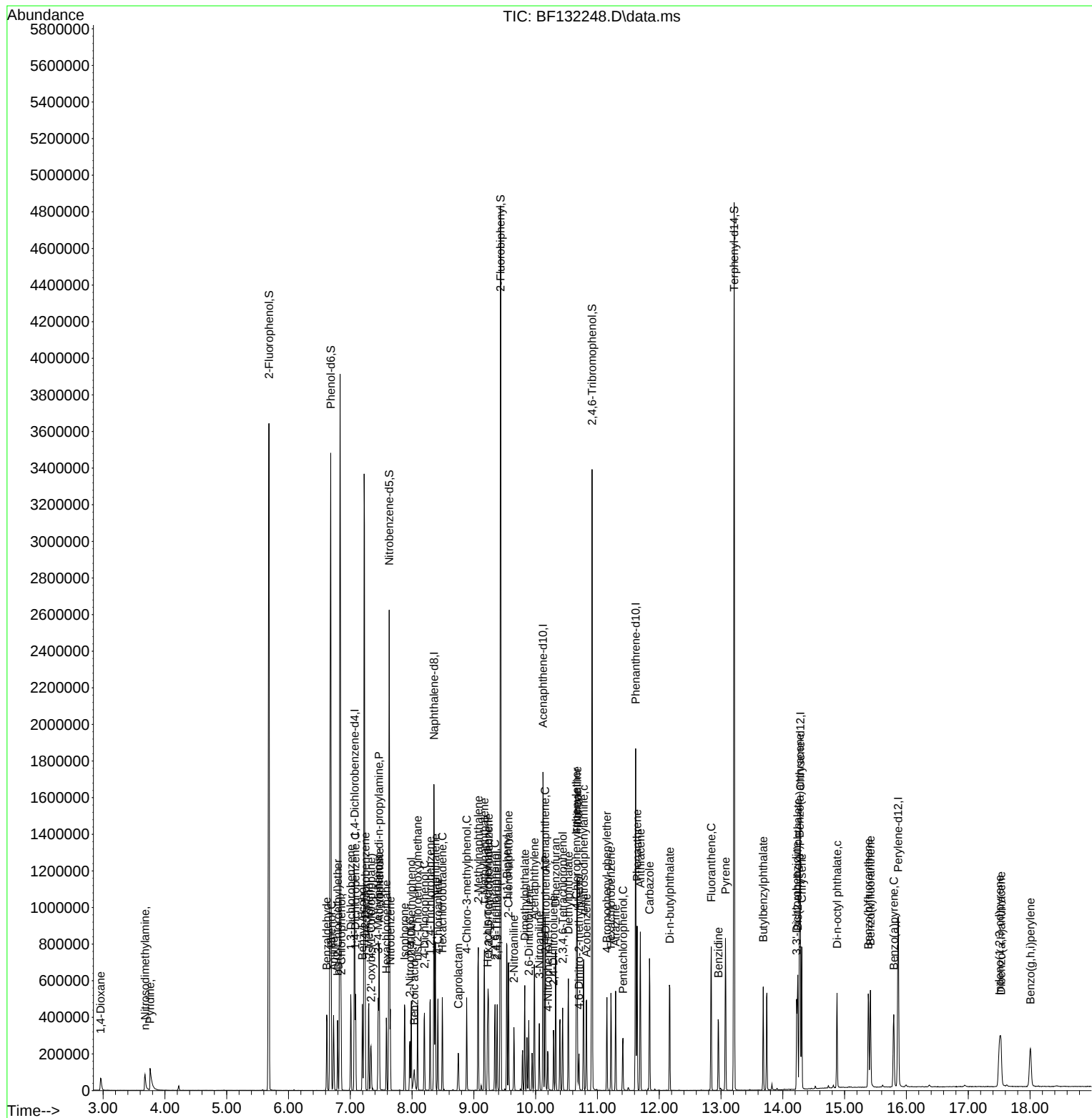
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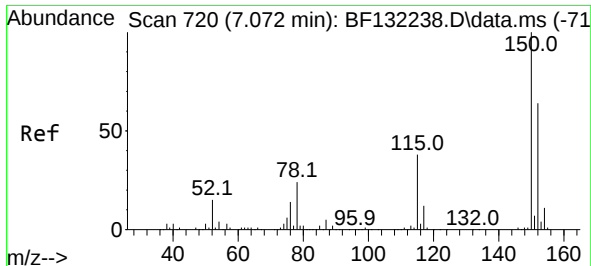
Instrument :
BNA_F
ClientSampleId :
MDL-WATER-03-QT3-2022

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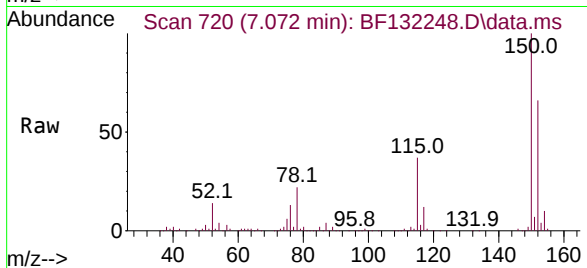
Reviewed By :Christian Giraldo 02/01/2023
Supervised By :Jagrut Upadhyay 02/01/2023





#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 7.072 min Scan# 720
 Delta R.T. -0.000 min
 Lab File: BF132248.D
 Acq: 01 Feb 2023 01:00

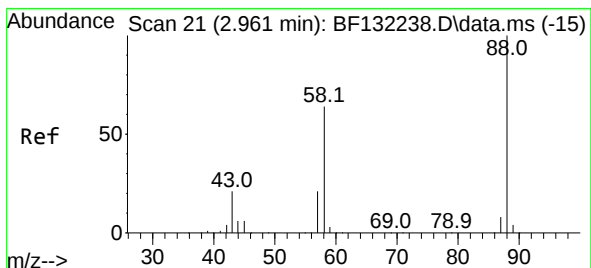
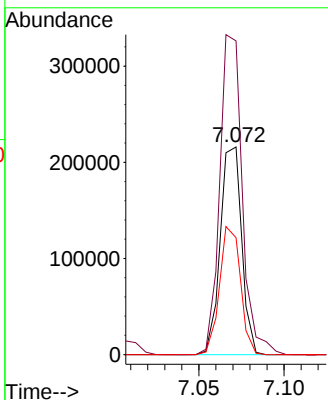
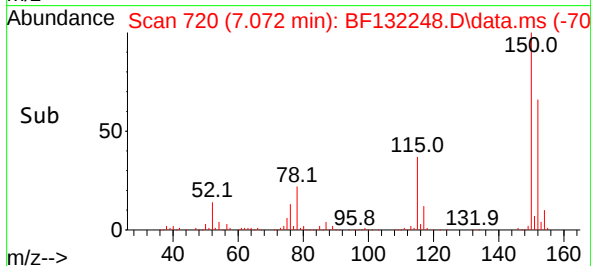
Instrument : BNA_F
 ClientSampleId : MDL-WATER-03-QT3-2022



Tgt Ion:152 Resp: 188863
 Ion Ratio Lower Upper
 152 100
 150 151.1 124.2 186.2
 115 56.3 47.3 70.9

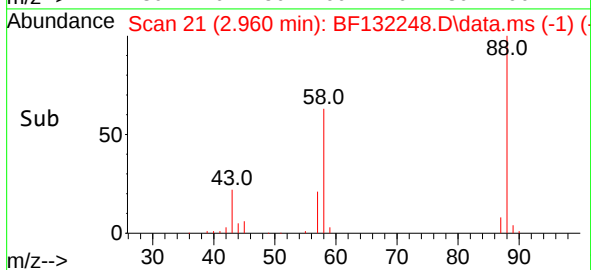
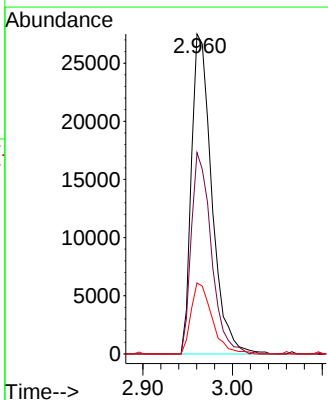
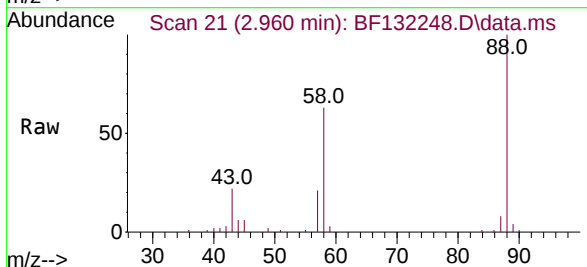
Manual Integrations
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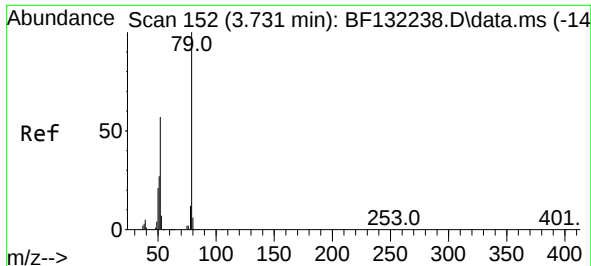
Reviewed By :Christian Giraldo 02/01/2023
 Supervised By :Jagrut Upadhyay 02/01/2023



#2
 1,4-Dioxane
 Concen: 7.846 ng
 RT: 2.960 min Scan# 21
 Delta R.T. -0.000 min
 Lab File: BF132248.D
 Acq: 01 Feb 2023 01:00

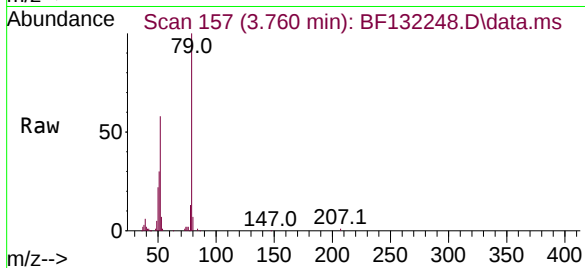
Tgt Ion: 88 Resp: 43377
 Ion Ratio Lower Upper
 88 100
 58 62.1 50.2 75.2
 43 22.9 16.9 25.3





#3
Pyridine
Concen: 6.684 ng
RT: 3.760 min Scan# 11
Delta R.T. 0.029 min
Lab File: BF132248.D
Acq: 01 Feb 2023 01:00

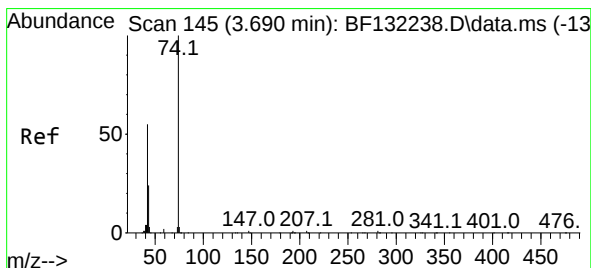
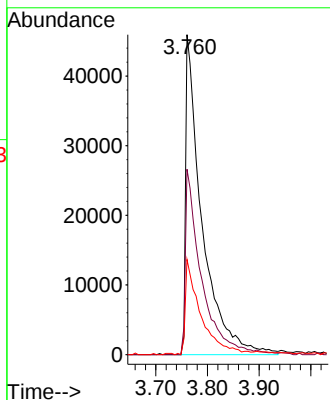
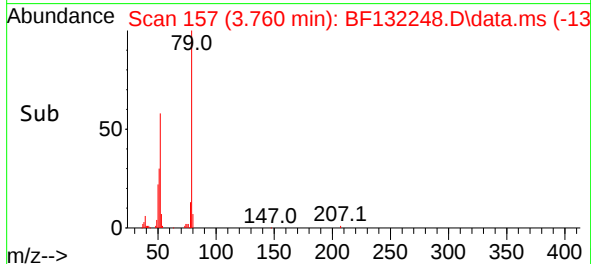
Instrument :
BNA_F
ClientSampleId :
MDL-WATER-03-QT3-2022



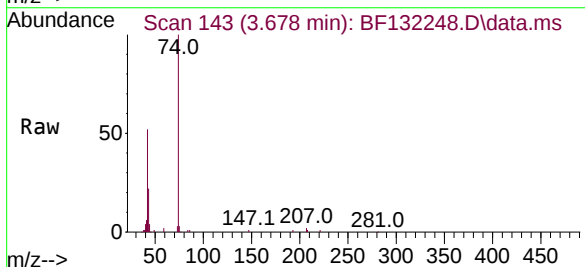
Tgt Ion: 79 Resp: 100249
Ion Ratio Lower Upper
79 100
52 57.9 45.6 68.4
51 29.7 21.5 32.3

Manual Integrations
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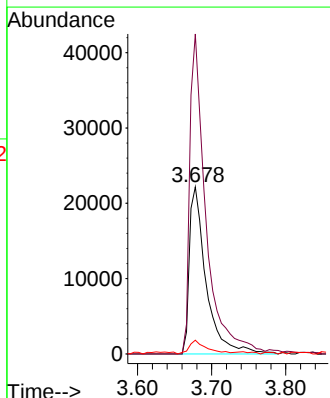
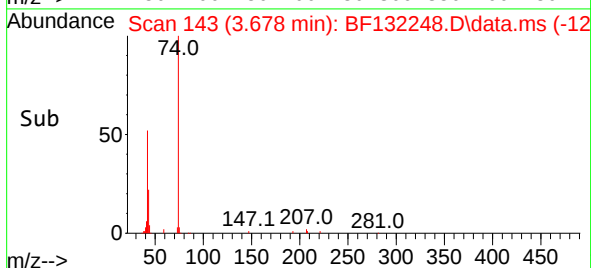
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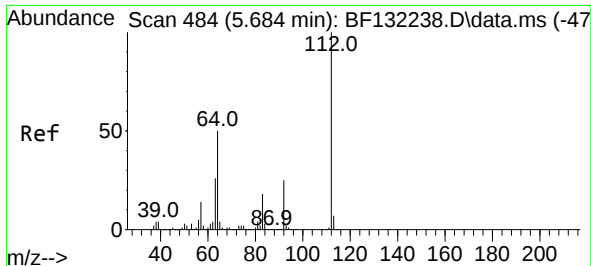


#4
n-Nitrosodimethylamine
Concen: 7.256 ng
RT: 3.678 min Scan# 143
Delta R.T. -0.012 min
Lab File: BF132248.D
Acq: 01 Feb 2023 01:00



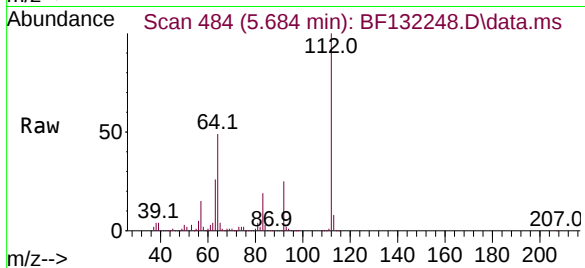
Tgt Ion: 42 Resp: 34823
Ion Ratio Lower Upper
42 100
74 191.6 144.6 217.0
44 8.2 5.1 7.7#





#5
2-Fluorophenol
Concen: 101.389 ng
RT: 5.684 min Scan# 484
Delta R.T. -0.000 min
Lab File: BF132248.D
Acq: 01 Feb 2023 01:00

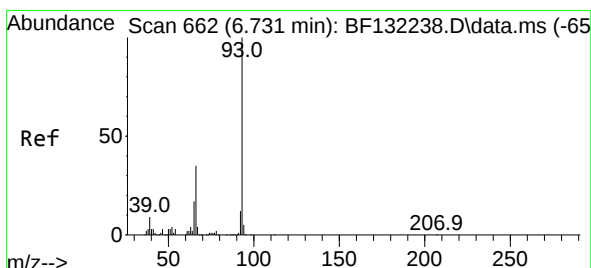
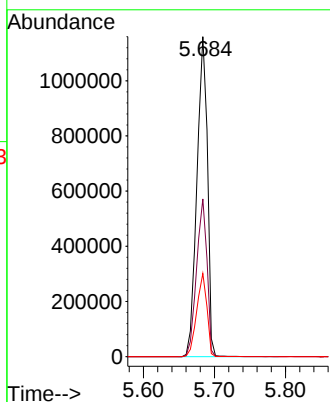
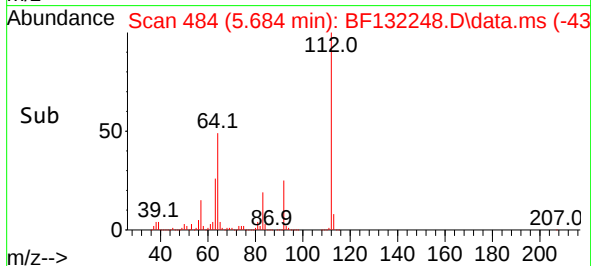
Instrument :
BNA_F
ClientSampleId :
MDL-WATER-03-QT3-2022



Tgt Ion: 112 Resp: 1191282
Ion Ratio Lower Upper
112 100
64 49.3 40.0 60.0
63 26.0 20.5 30.7

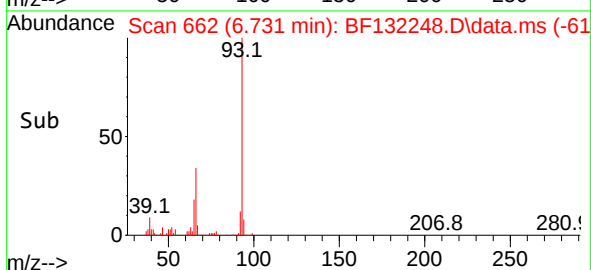
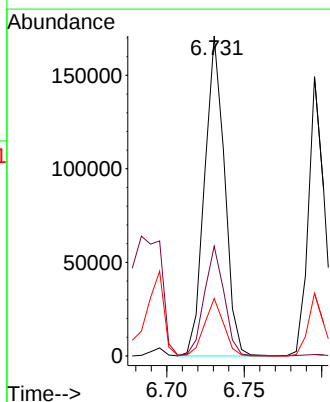
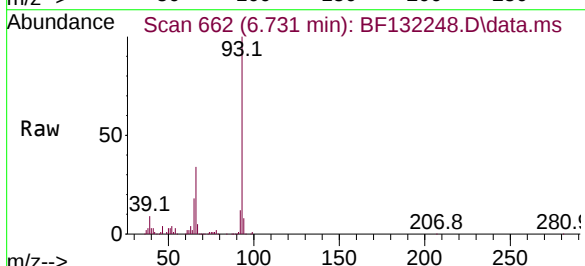
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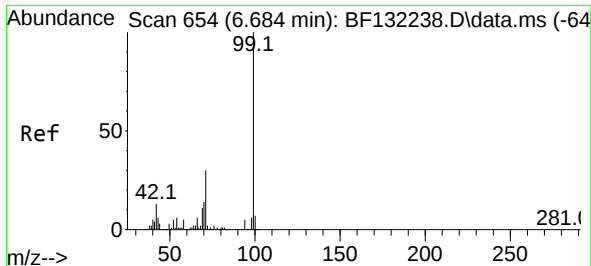
Reviewed By :Christian Giraldo 02/01/2023
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#6
Aniline
Concen: 7.839 ng
RT: 6.731 min Scan# 662
Delta R.T. -0.000 min
Lab File: BF132248.D
Acq: 01 Feb 2023 01:00

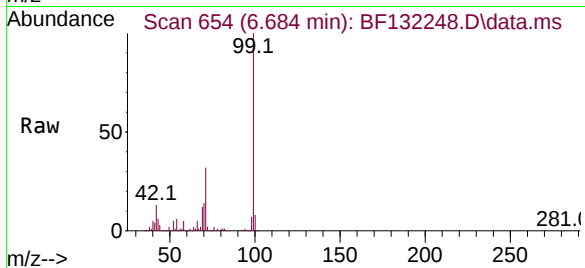
Tgt Ion: 93 Resp: 154087
Ion Ratio Lower Upper
93 100
66 34.3 28.8 43.2
65 17.9 14.2 21.4





#7
Phenol-d6
Concen: 100.992 ng
RT: 6.684 min Scan# 654
Delta R.T. -0.000 min
Lab File: BF132248.D
Acq: 01 Feb 2023 01:00

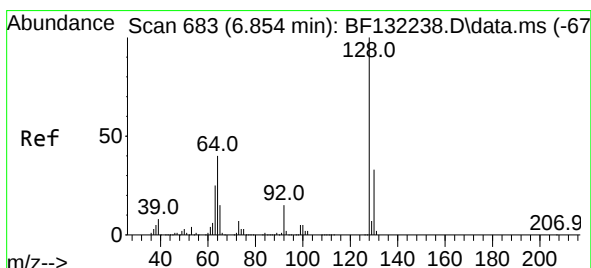
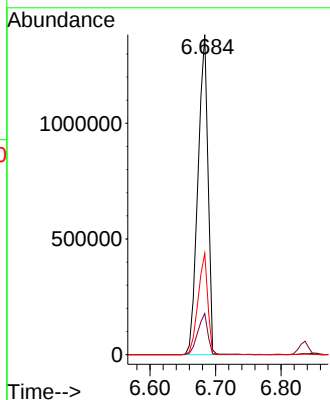
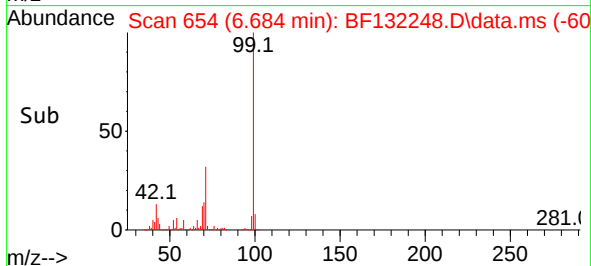
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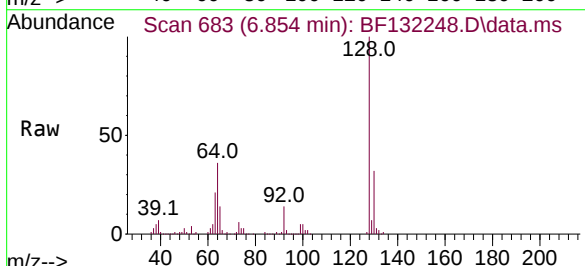
Tgt Ion: 99 Resp: 1462929
Ion Ratio Lower Upper
99 100
42 12.8 10.1 15.1
71 31.7 24.2 36.4

Manual Integrations
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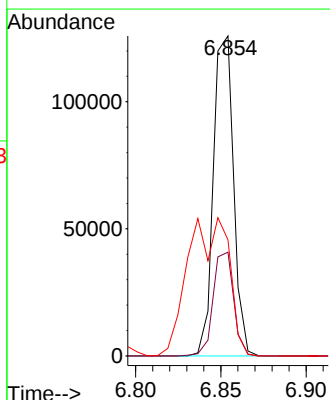
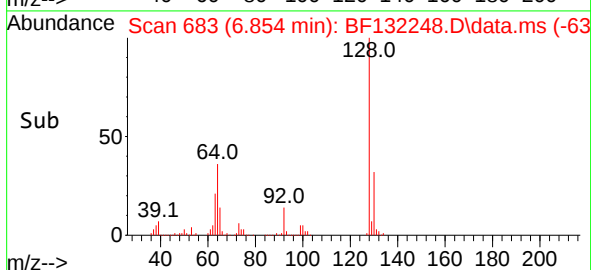
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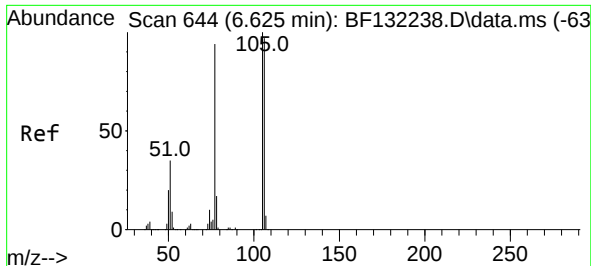


#8
2-Chlorophenol
Concen: 8.522 ng
RT: 6.854 min Scan# 683
Delta R.T. -0.000 min
Lab File: BF132248.D
Acq: 01 Feb 2023 01:00



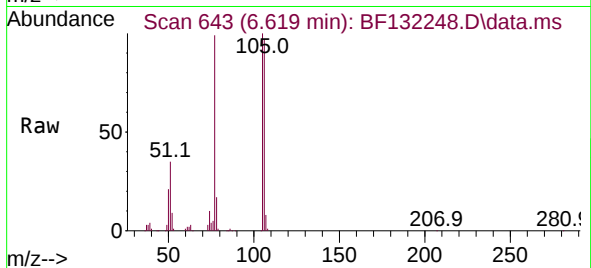
Tgt Ion:128 Resp: 103702
Ion Ratio Lower Upper
128 100
130 32.4 13.3 53.3
64 36.3 20.1 60.1





#9
Benzaldehyde
Concen: 8.095 ng
RT: 6.619 min Scan# 644
Delta R.T. -0.006 min
Lab File: BF132248.D
Acq: 01 Feb 2023 01:00

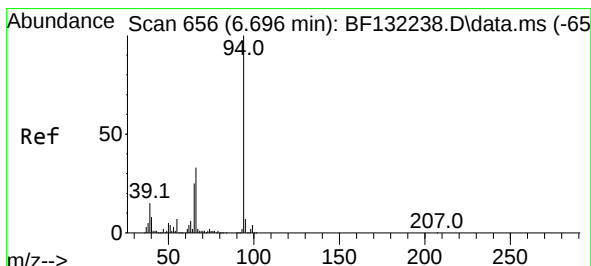
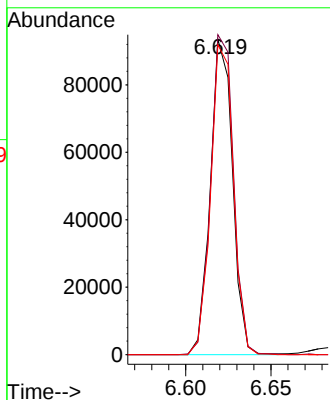
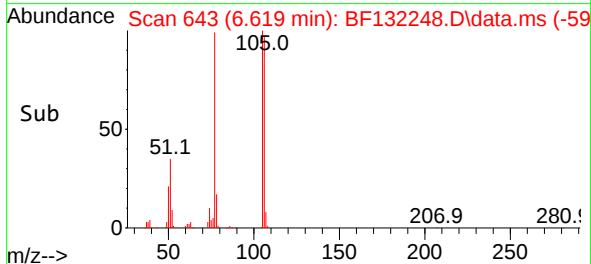
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Tgt Ion: 77 Resp: 8482
Ion Ratio Lower Upper
77 100
105 101.5 86.8 126.8
106 98.3 83.8 123.8

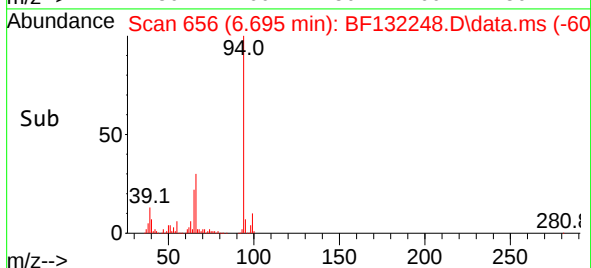
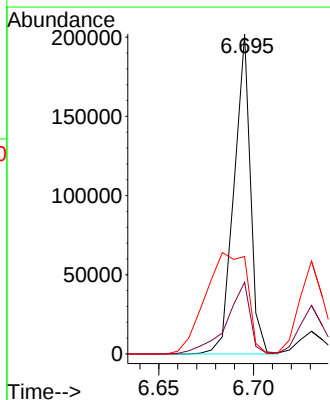
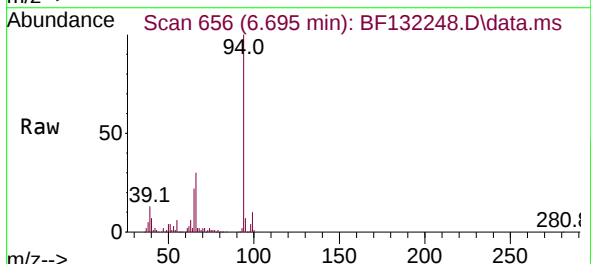
Manual Integrations
APPROVED

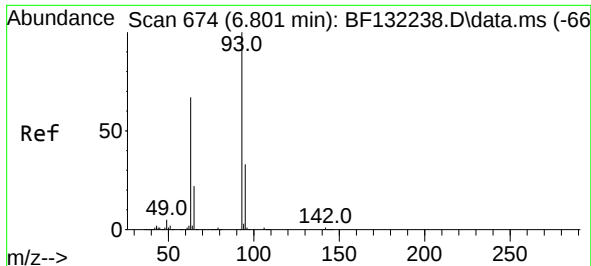
Reviewed By :Christian Giraldo 02/01/2023
Supervised By :Jagrut Upadhyay 02/01/2023



#10
Phenol
Concen: 8.137 ng
RT: 6.695 min Scan# 656
Delta R.T. -0.000 min
Lab File: BF132248.D
Acq: 01 Feb 2023 01:00

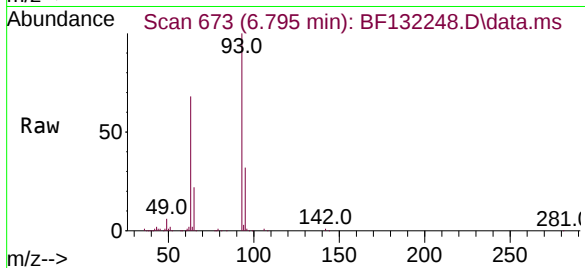
Tgt Ion: 94 Resp: 121996
Ion Ratio Lower Upper
94 100
65 22.4 5.1 45.1
66 30.4 13.0 53.0





#11
bis(2-Chloroethyl)ether
Concen: 8.273 ng
RT: 6.795 min Scan# 61
Delta R.T. -0.006 min
Lab File: BF132248.D
Acq: 01 Feb 2023 01:00

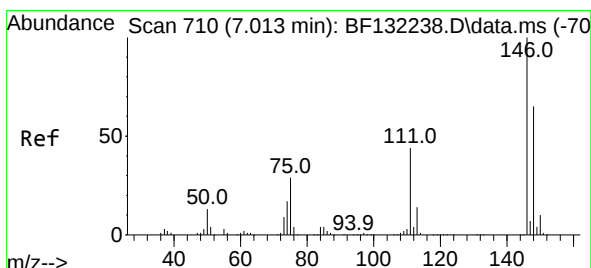
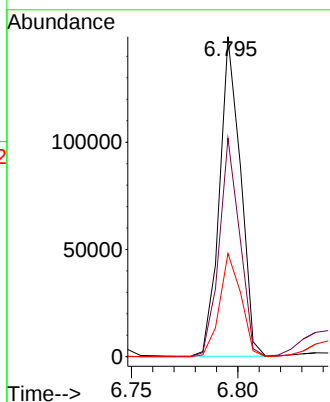
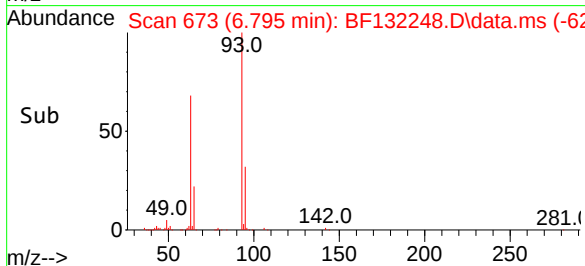
Instrument :
BNA_F
ClientSampleId :
MDL-WATER-03-QT3-2022



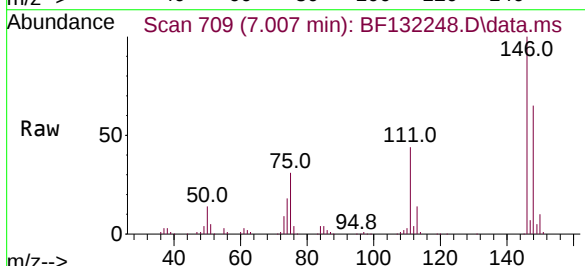
Tgt Ion: 93 Resp: 10208
Ion Ratio Lower Upper
93 100
63 68.3 46.7 86.7
95 32.2 13.4 53.4

Manual Integrations
APPROVED

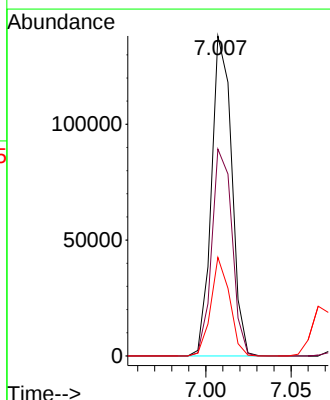
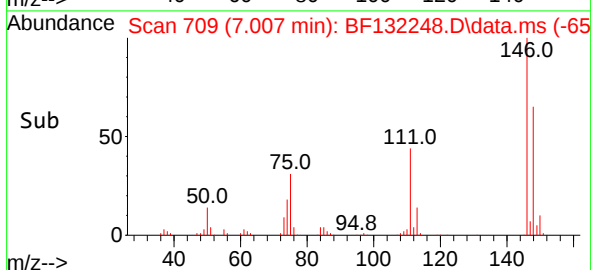
Reviewed By :Christian Giraldo 02/01/2023
Supervised By :Jagrut Upadhyay 02/01/2023

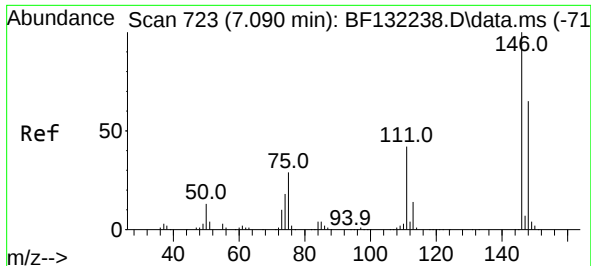


#12
1,3-Dichlorobenzene
Concen: 8.856 ng
RT: 7.007 min Scan# 709
Delta R.T. -0.006 min
Lab File: BF132248.D
Acq: 01 Feb 2023 01:00



Tgt Ion:146 Resp: 113982
Ion Ratio Lower Upper
146 100
148 64.6 51.8 77.8
75 30.8 23.5 35.3





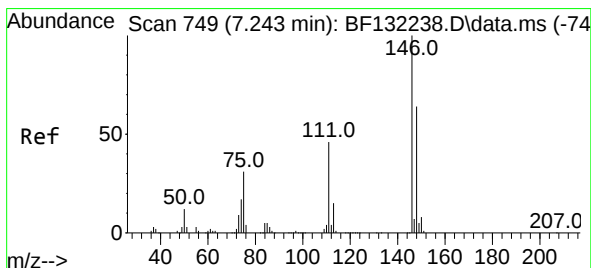
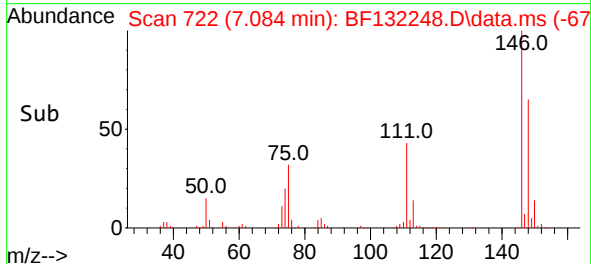
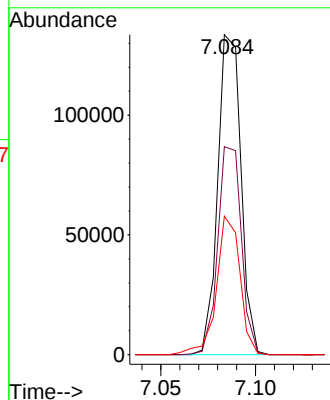
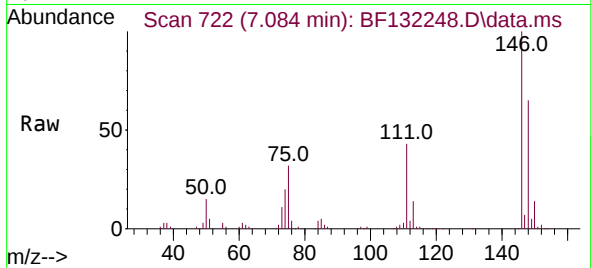
#13
1,4-Dichlorobenzene
Concen: 8.909 ng
RT: 7.084 min Scan# 711
Delta R.T. -0.006 min
Lab File: BF132248.D
Acq: 01 Feb 2023 01:00

Instrument :
BNA_F
ClientSampleId :
MDL-WATER-03-QT3-2022

Tgt Ion:146 Resp: 114458
Ion Ratio Lower Upper
146 100
148 65.0 52.4 78.6
111 43.3 34.0 51.0

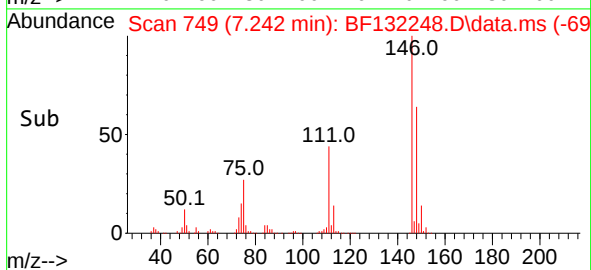
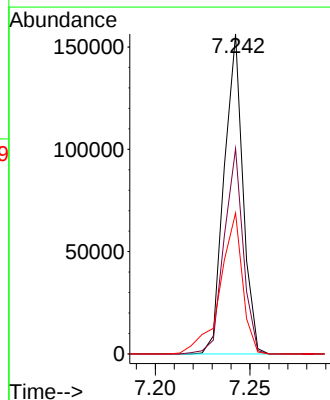
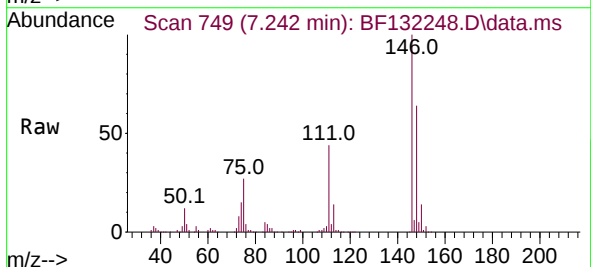
Manual Integrations
APPROVED

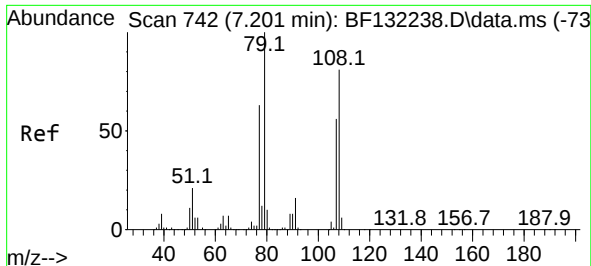
Reviewed By :Christian Giraldo 02/01/2023
Supervised By :Jagrut Upadhyay 02/01/2023



#14
1,2-Dichlorobenzene
Concen: 8.993 ng
RT: 7.242 min Scan# 749
Delta R.T. -0.000 min
Lab File: BF132248.D
Acq: 01 Feb 2023 01:00

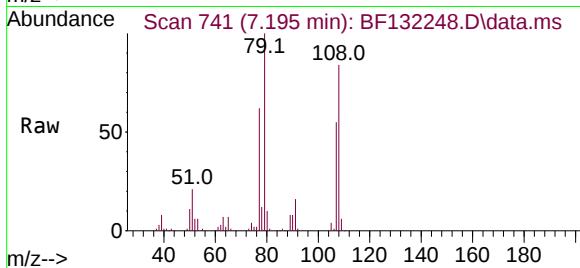
Tgt Ion:146 Resp: 107745
Ion Ratio Lower Upper
146 100
148 64.1 51.4 77.0
111 44.0 37.1 55.7





#15
Benzyl Alcohol
Concen: 8.860 ng m
RT: 7.195 min Scan# 741
Delta R.T. -0.006 min
Lab File: BF132248.D
Acq: 01 Feb 2023 01:00

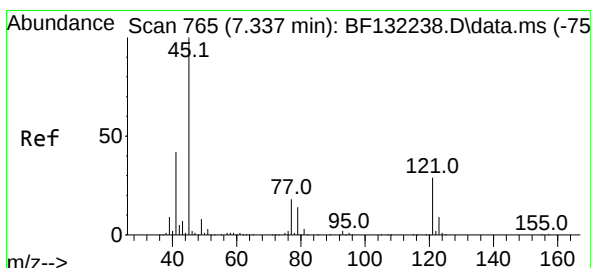
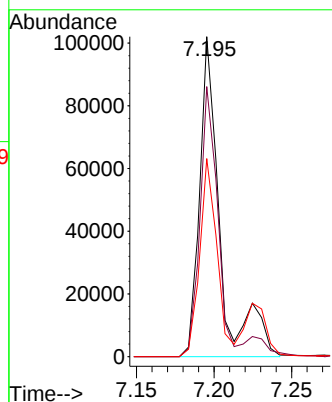
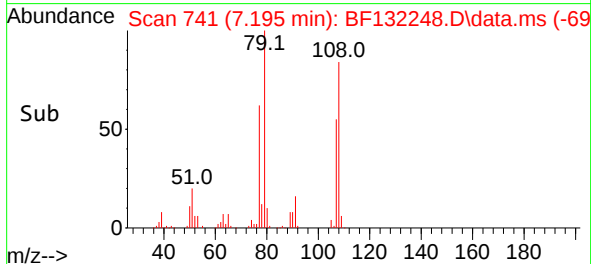
Instrument :
BNA_F
ClientSampleId :
MDL-WATER-03-QT3-2022



Tgt Ion: 79 Resp: 93649
Ion Ratio Lower Upper
79 100
108 84.4 64.6 97.0
77 61.9 50.1 75.1

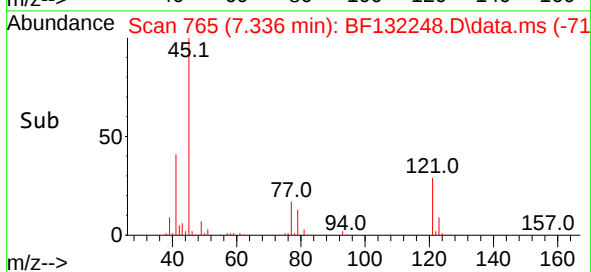
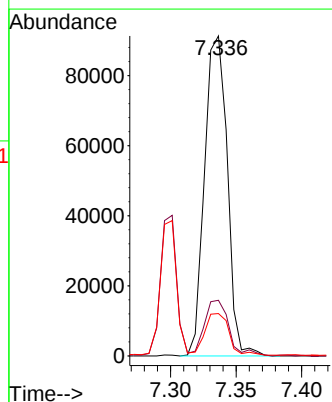
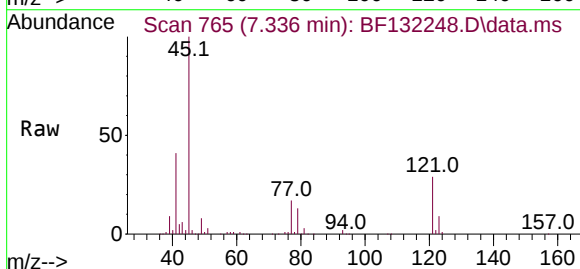
Manual Integrations
APPROVED

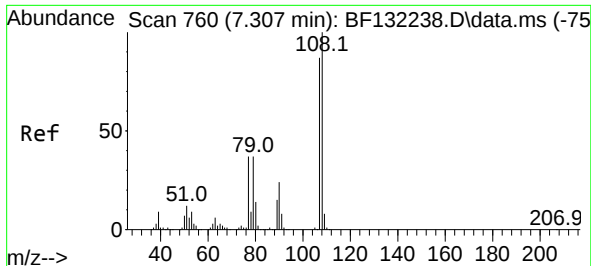
Reviewed By :Christian Giraldo 02/01/2023
Supervised By :Jagrut Upadhyay 02/01/2023



#16
2,2'-oxybis(1-Chloropropane)
Concen: 8.466 ng
RT: 7.336 min Scan# 765
Delta R.T. -0.000 min
Lab File: BF132248.D
Acq: 01 Feb 2023 01:00

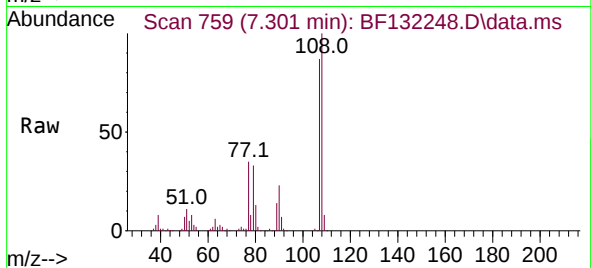
Tgt Ion: 45 Resp: 110059
Ion Ratio Lower Upper
45 100
77 17.4 0.0 38.0
79 13.2 0.0 33.8





#17
2-Methylphenol
Concen: 7.903 ng
RT: 7.301 min Scan# 70
Delta R.T. -0.006 min
Lab File: BF132248.D
Acq: 01 Feb 2023 01:00

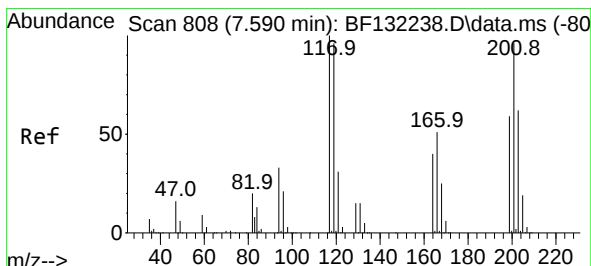
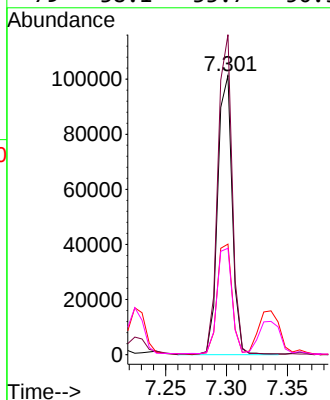
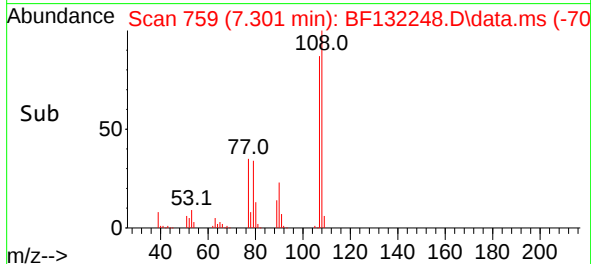
Instrument :
BNA_F
ClientSampleId :
MDL-WATER-03-QT3-2022



Tgt Ion:107 Resp: 84188
Ion Ratio Lower Upper
107 100
108 114.7 91.8 137.6
77 39.6 34.2 51.2
79 38.1 33.7 50.5

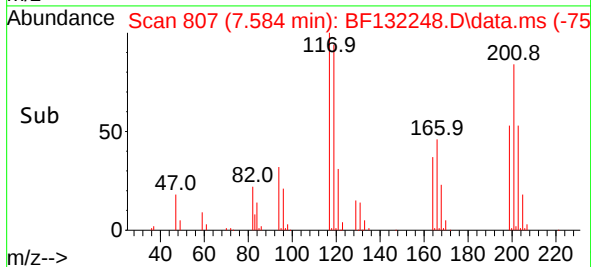
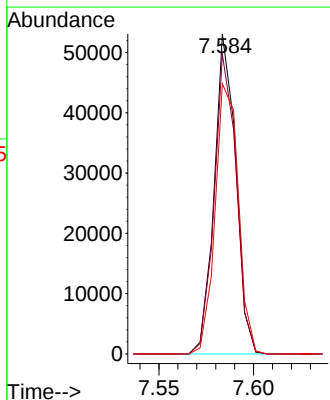
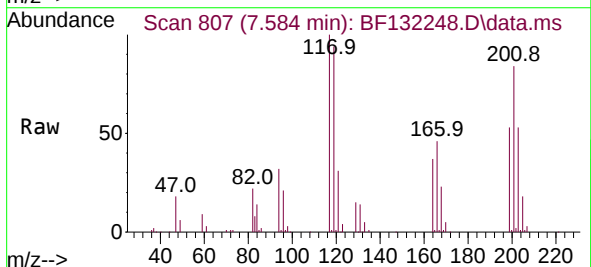
Manual Integrations
APPROVED

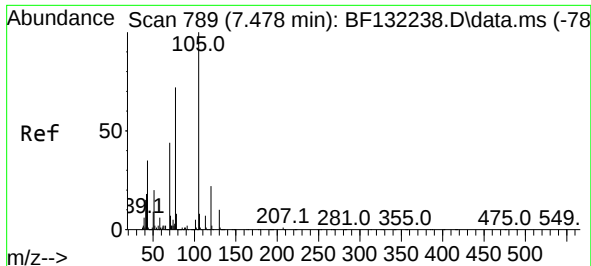
Reviewed By :Christian Giraldo 02/01/2023
Supervised By :Jagrut Upadhyay 02/01/2023



#18
Hexachloroethane
Concen: 8.726 ng
RT: 7.584 min Scan# 807
Delta R.T. -0.006 min
Lab File: BF132248.D
Acq: 01 Feb 2023 01:00

Tgt Ion:117 Resp: 42056
Ion Ratio Lower Upper
117 100
119 93.6 76.7 115.1
201 84.4 76.6 114.8





#19

n-Nitroso-di-n-propylamine

Concen: 8.494 ng

RT: 7.466 min Scan# 788

Delta R.T. -0.012 min

Lab File: BF132248.D

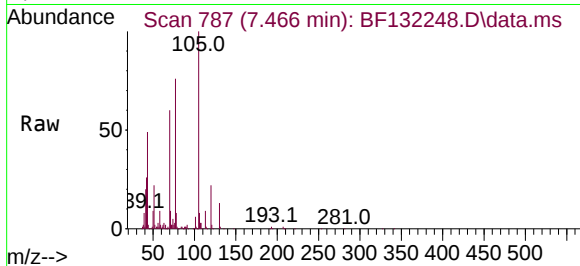
Acq: 01 Feb 2023 01:00

Instrument :

BNA_F

ClientSampleId :

MDL-WATER-03-QT3-2022



Tgt Ion: 70 Resp: 69886

Ion Ratio Lower Upper

70 100

42 42.5 33.4 50.0

101 10.2 8.2 12.4

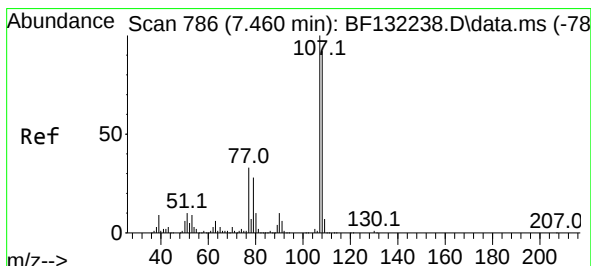
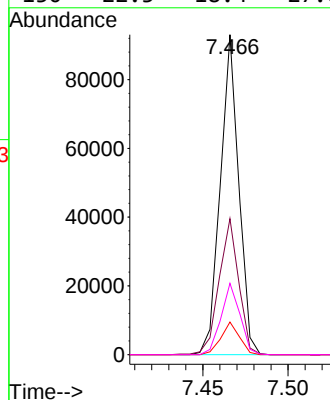
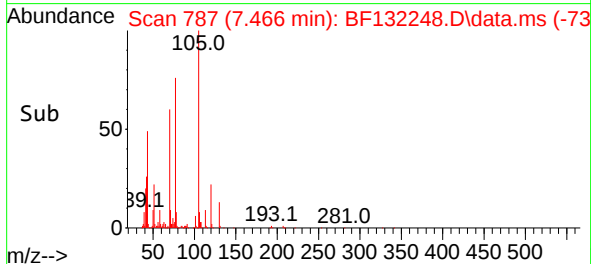
130 22.3 18.4 27.6

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 02/01/2023

Supervised By :Jagrut Upadhyay 02/01/2023



#20

3+4-Methylphenols

Concen: 8.032 ng

RT: 7.454 min Scan# 785

Delta R.T. -0.006 min

Lab File: BF132248.D

Acq: 01 Feb 2023 01:00

Tgt Ion:107 Resp: 109203

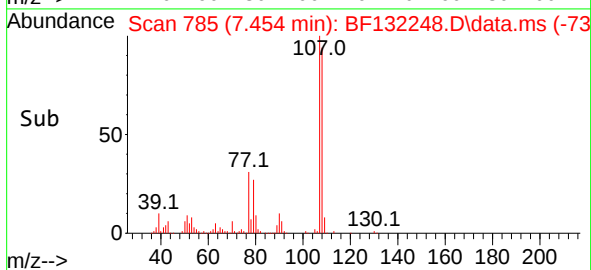
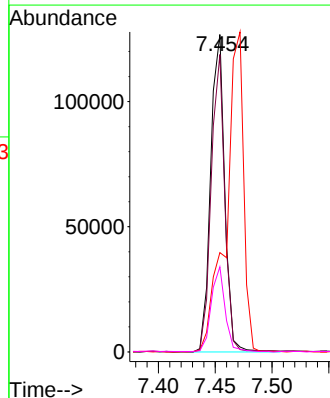
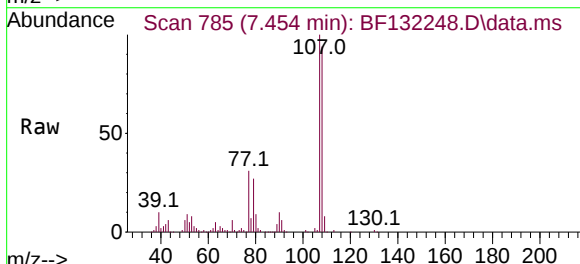
Ion Ratio Lower Upper

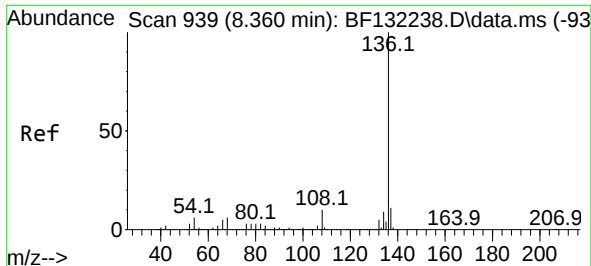
107 100

108 93.7 71.6 111.6

77 31.3 13.4 53.4

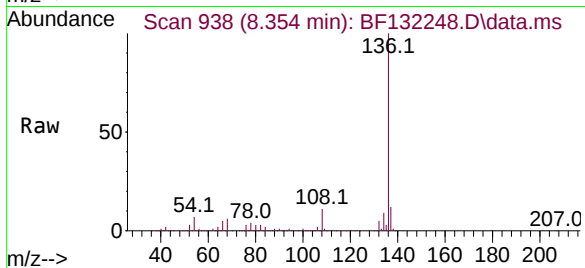
79 26.8 7.7 47.7





#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.354 min Scan# 939
Delta R.T. -0.006 min
Lab File: BF132248.D
Acq: 01 Feb 2023 01:00

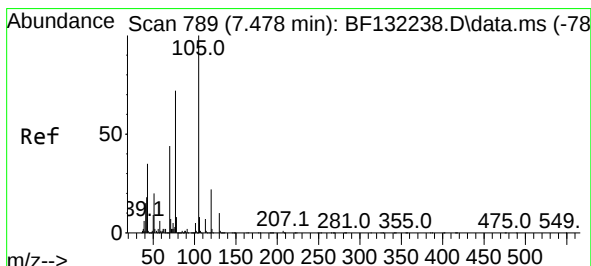
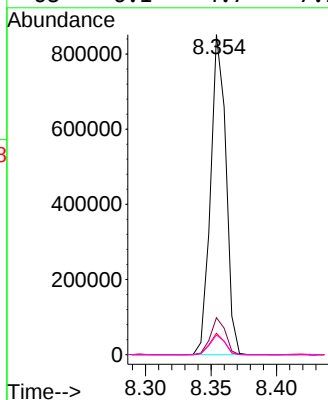
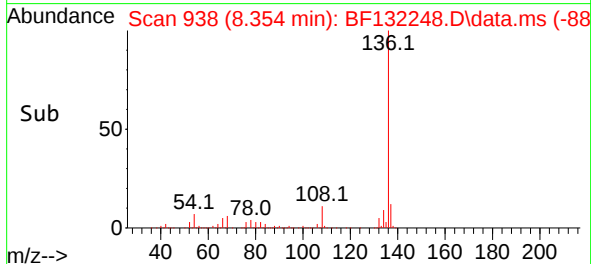
Instrument :
BNA_F
ClientSampleId :
MDL-WATER-03-QT3-2022



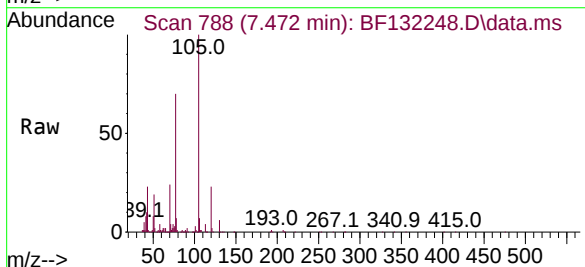
Tgt Ion:136 Resp: 695804
Ion Ratio Lower Upper
136 100
137 11.5 8.8 13.2
54 6.7 4.9 7.3
68 6.1 4.7 7.1

Manual Integrations
APPROVED

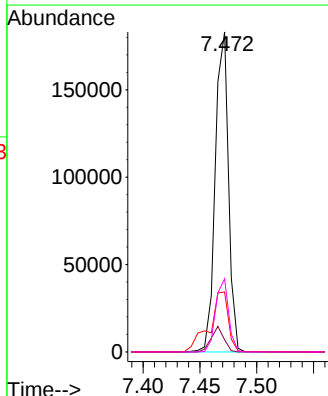
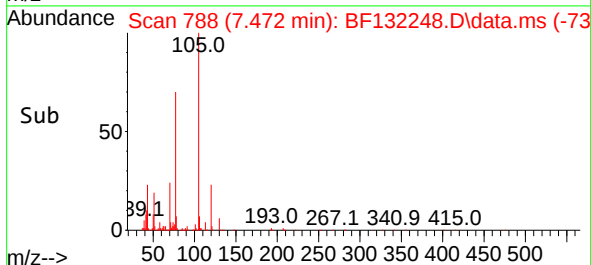
Reviewed By :Christian Giraldo 02/01/2023
Supervised By :Jagrut Upadhyay 02/01/2023

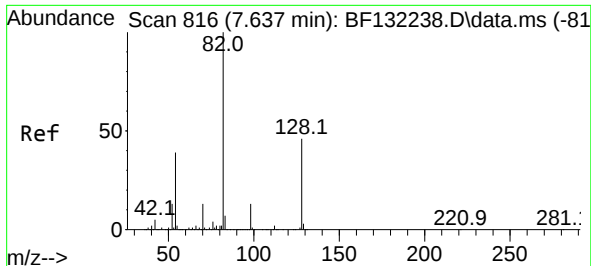


#22
Acetophenone
Concen: 9.037 ng
RT: 7.472 min Scan# 788
Delta R.T. -0.006 min
Lab File: BF132248.D
Acq: 01 Feb 2023 01:00



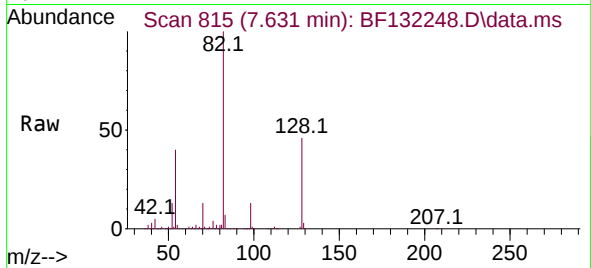
Tgt Ion:105 Resp: 147883
Ion Ratio Lower Upper
105 100
71 3.8 5.8 8.6#
51 18.7 16.2 24.2
120 22.8 18.0 27.0





#23
Nitrobenzene-d5
Concen: 70.166 ng
RT: 7.631 min Scan# 815
Delta R.T. -0.006 min
Lab File: BF132248.D
Acq: 01 Feb 2023 01:00

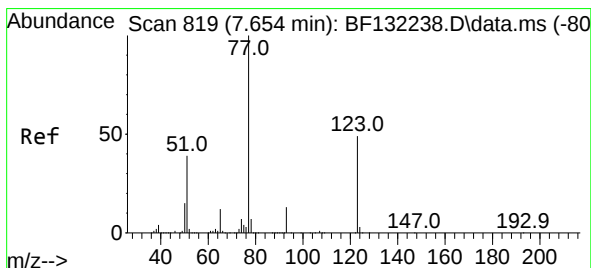
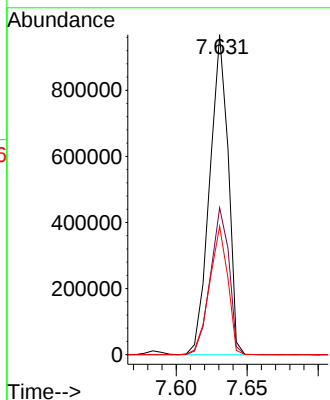
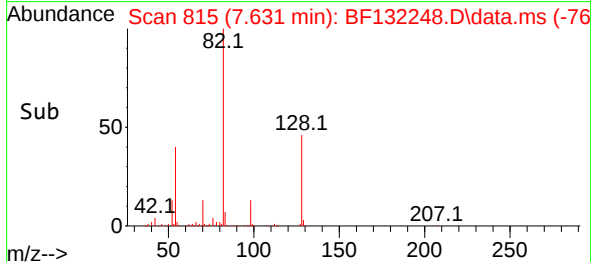
Instrument :
BNA_F
ClientSampleId :
MDL-WATER-03-QT3-2022



Tgt Ion: 82 Resp: 877345
Ion Ratio Lower Upper
82 100
128 45.9 37.0 55.4
54 40.1 31.5 47.3

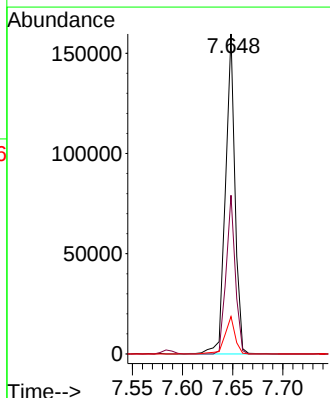
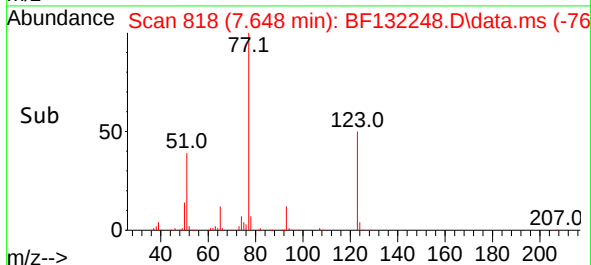
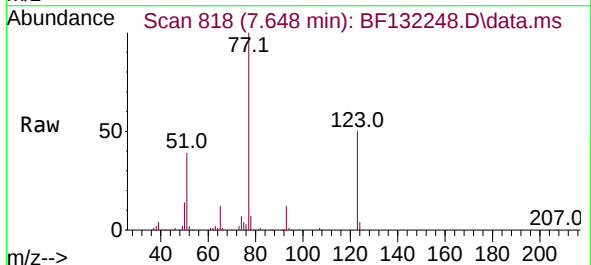
Manual Integrations
APPROVED

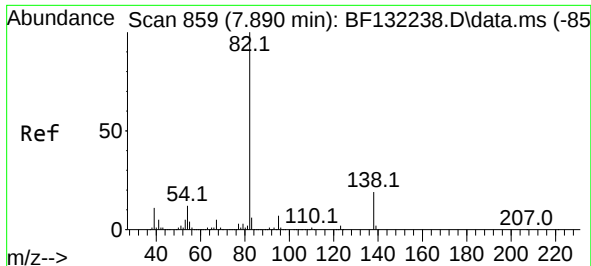
Reviewed By :Christian Giraldo 02/01/2023
Supervised By :Jagrut Upadhyay 02/01/2023



#24
Nitrobenzene
Concen: 8.346 ng
RT: 7.648 min Scan# 818
Delta R.T. -0.006 min
Lab File: BF132248.D
Acq: 01 Feb 2023 01:00

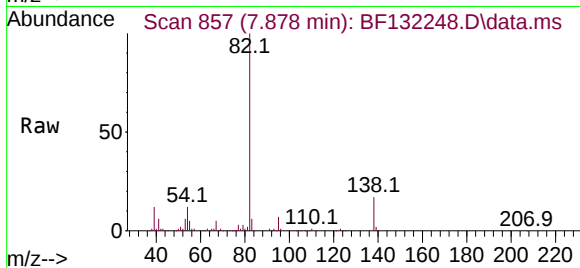
Tgt Ion: 77 Resp: 106612
Ion Ratio Lower Upper
77 100
123 49.6 39.5 59.3
65 11.7 9.8 14.8





#25
Isophorone
Concen: 8.058 ng
RT: 7.878 min Scan# 859
Delta R.T. -0.012 min
Lab File: BF132248.D
Acq: 01 Feb 2023 01:00

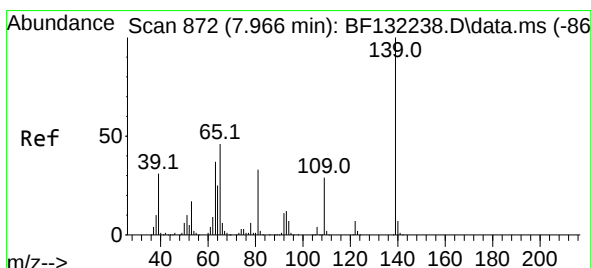
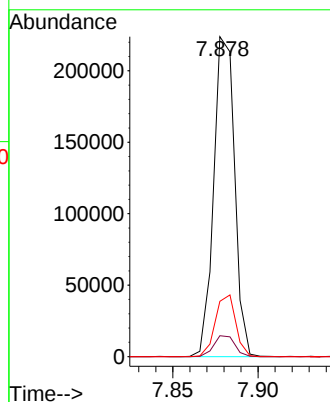
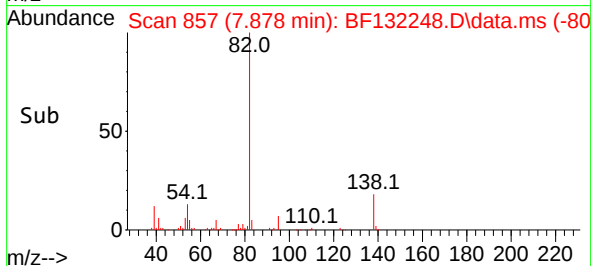
Instrument : BNA_F
ClientSampleId : MDL-WATER-03-QT3-2022



Tgt Ion: 82 Resp: 191233
Ion Ratio Lower Upper
82 100
95 6.5 5.6 8.4
138 17.3 15.0 22.6

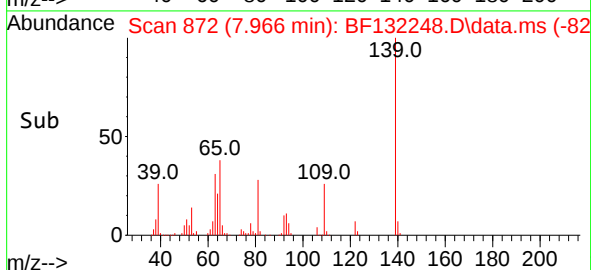
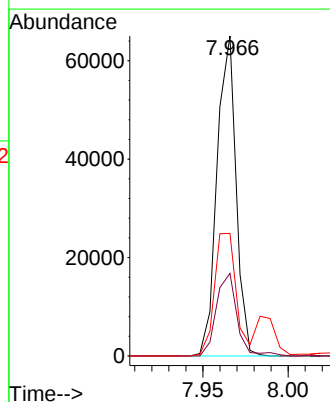
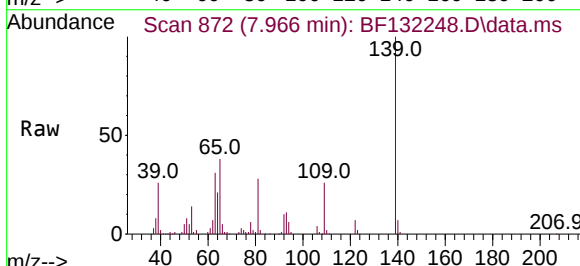
Manual Integrations
APPROVED

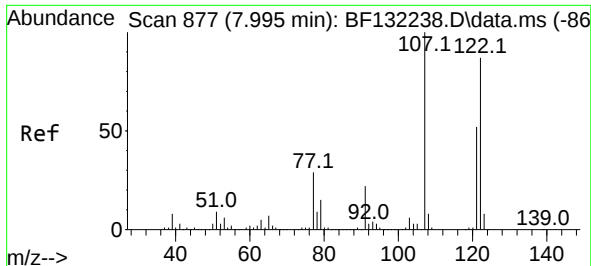
Reviewed By :Christian Giraldo 02/01/2023
Supervised By :Jagrut Upadhyay 02/01/2023



#26
2-Nitrophenol
Concen: 8.115 ng
RT: 7.966 min Scan# 872
Delta R.T. -0.000 min
Lab File: BF132248.D
Acq: 01 Feb 2023 01:00

Tgt Ion:139 Resp: 50494
Ion Ratio Lower Upper
139 100
109 25.8 23.0 34.6
65 38.3 36.6 55.0





#27

2,4-Dimethylphenol

Concen: 7.805 ng

RT: 7.989 min Scan# 81

Delta R.T. -0.006 min

Lab File: BF132248.D

Acq: 01 Feb 2023 01:00

Instrument :

BNA_F

ClientSampleId :

MDL-WATER-03-QT3-2022

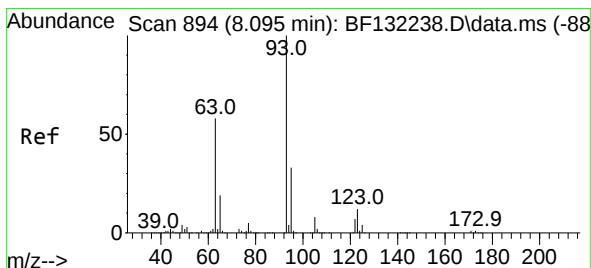
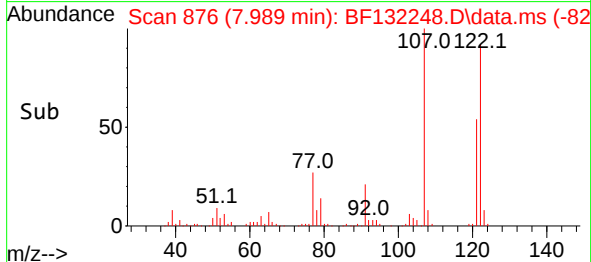
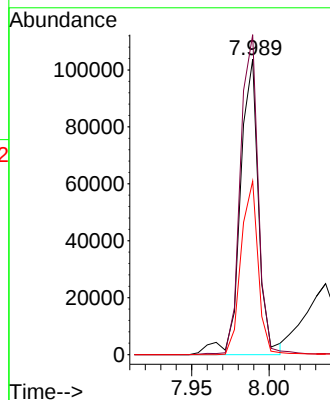
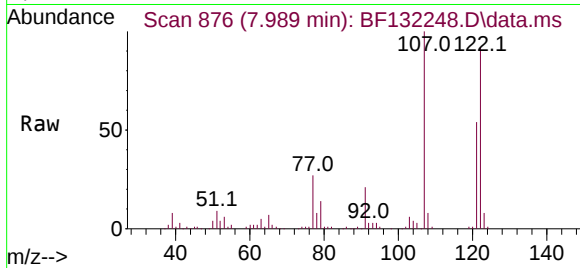
Tgt Ion:122 Resp: 85009
 Ion Ratio Lower Upper
 122 100
 107 108.4 91.9 137.9
 121 58.8 47.8 71.8

Manual Integrations

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Reviewed By :Christian Giraldo 02/01/2023

Supervised By :Jagrut Upadhyay 02/01/2023



#28

bis(2-Chloroethoxy)methane

Concen: 8.537 ng

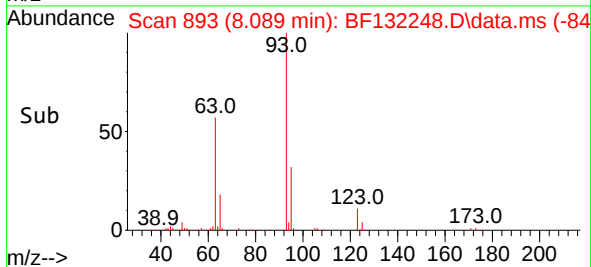
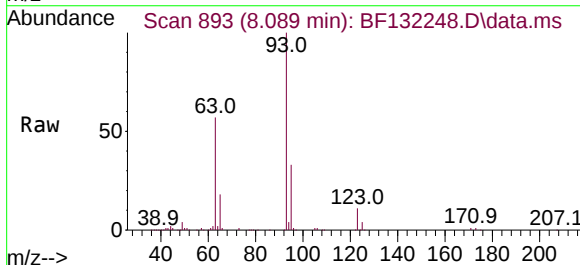
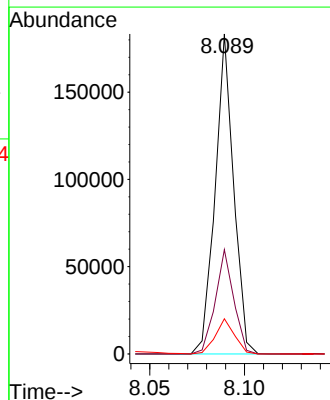
RT: 8.089 min Scan# 893

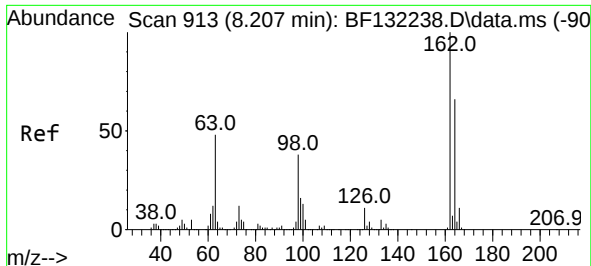
Delta R.T. -0.006 min

Lab File: BF132248.D

Acq: 01 Feb 2023 01:00

Tgt Ion: 93 Resp: 124507
 Ion Ratio Lower Upper
 93 100
 95 32.6 26.6 40.0
 123 11.0 9.5 14.3





#29

2,4-Dichlorophenol

Concen: 8.319 ng

RT: 8.201 min Scan# 913

Delta R.T. -0.006 min

Lab File: BF132248.D

Acq: 01 Feb 2023 01:00

Instrument :

BNA_F

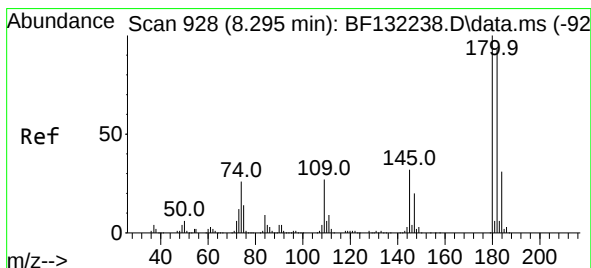
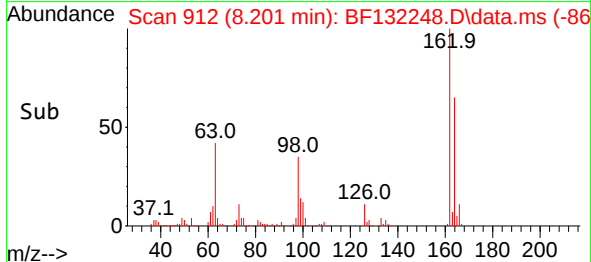
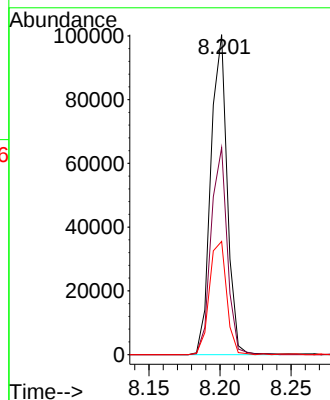
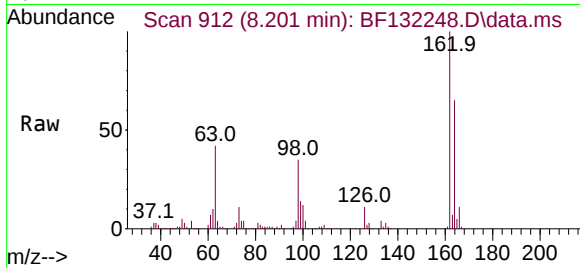
ClientSampleId :

MDL-WATER-03-QT3-2022

Tgt Ion:162 Resp: 80436
 Ion Ratio Lower Upper
 162 100
 164 64.7 46.4 86.4
 98 35.4 17.8 57.8

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Reviewed By :Christian Giraldo 02/01/2023
 Supervised By :Jagrut Upadhyay 02/01/2023



#30

1,2,4-Trichlorobenzene

Concen: 8.843 ng

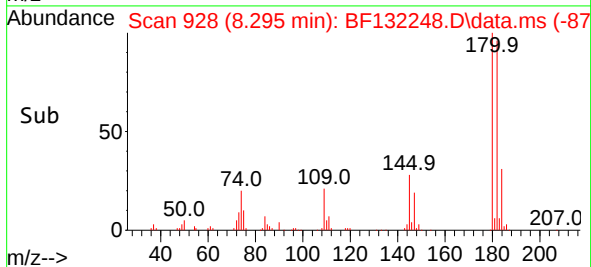
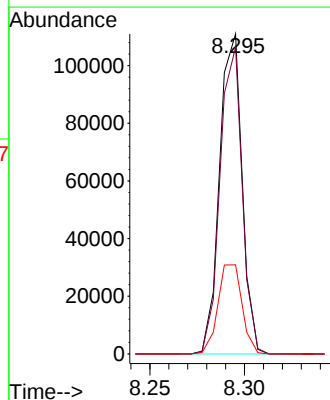
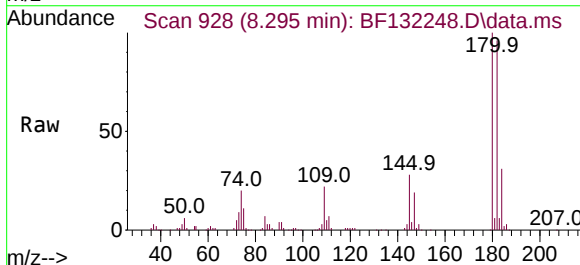
RT: 8.295 min Scan# 928

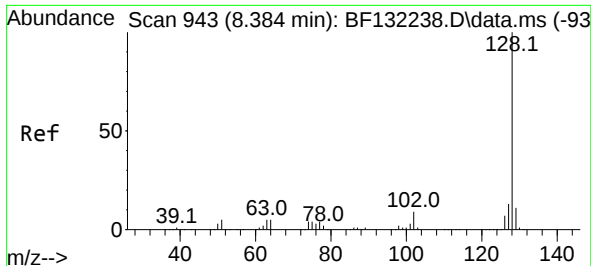
Delta R.T. -0.000 min

Lab File: BF132248.D

Acq: 01 Feb 2023 01:00

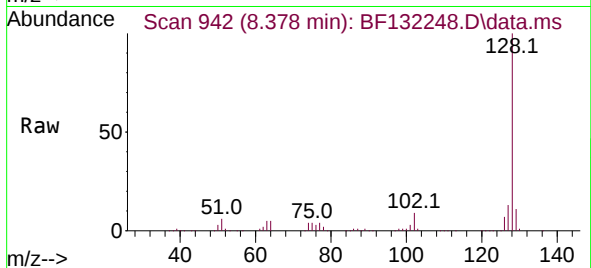
Tgt Ion:180 Resp: 91567
 Ion Ratio Lower Upper
 180 100
 182 95.8 74.6 112.0
 145 27.8 25.3 37.9





#31
Naphthalene
Concen: 8.820 ng
RT: 8.378 min Scan# 943
Delta R.T. -0.006 min
Lab File: BF132248.D
Acq: 01 Feb 2023 01:00

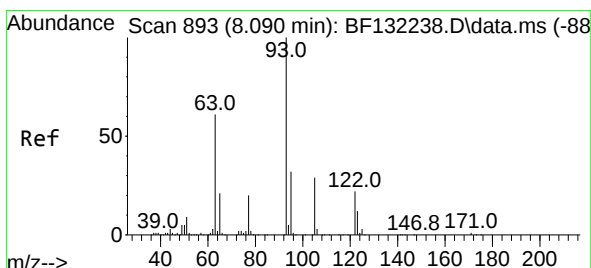
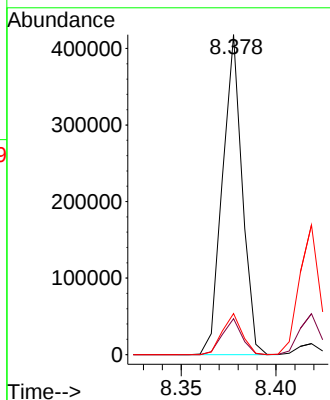
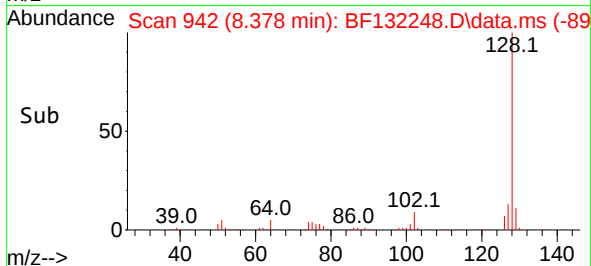
Instrument :
BNA_F
ClientSampleId :
MDL-WATER-03-QT3-2022



Tgt Ion:128 Resp: 302088
Ion Ratio Lower Upper
128 100
129 11.2 9.0 13.4
127 12.8 10.5 15.7

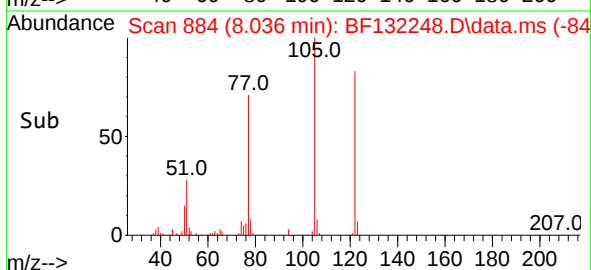
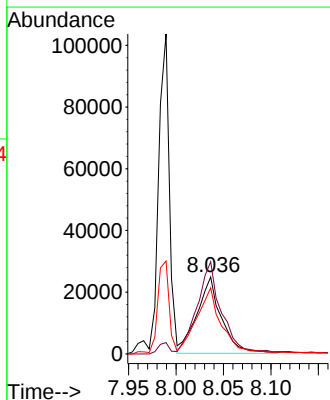
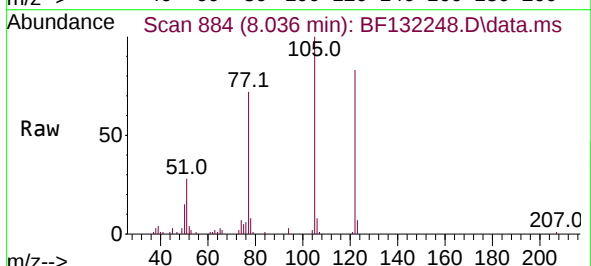
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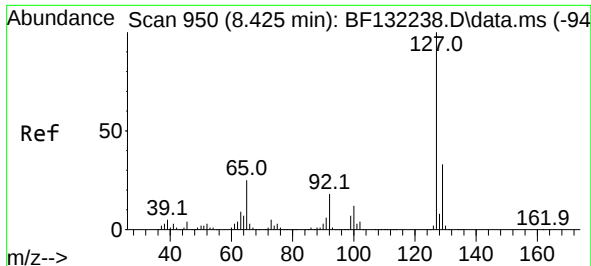
Reviewed By :Christian Giraldo 02/01/2023
Supervised By :Jagrut Upadhyay 02/01/2023



#32
Benzoic acid
Concen: 5.500 ng m
RT: 8.036 min Scan# 884
Delta R.T. -0.054 min
Lab File: BF132248.D
Acq: 01 Feb 2023 01:00

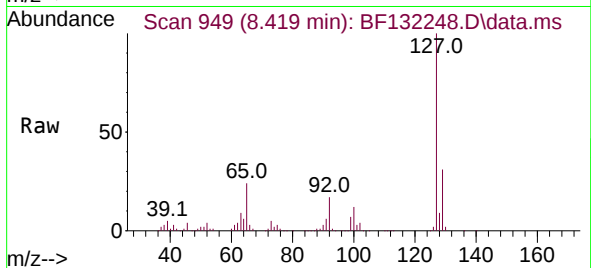
Tgt Ion:122 Resp: 44338
Ion Ratio Lower Upper
122 100
105 119.9 106.3 146.3
77 86.0 70.6 110.6





#33
4-Chloroaniline
Concen: 8.339 ng
RT: 8.419 min Scan# 94
Delta R.T. -0.006 min
Lab File: BF132248.D
Acq: 01 Feb 2023 01:00

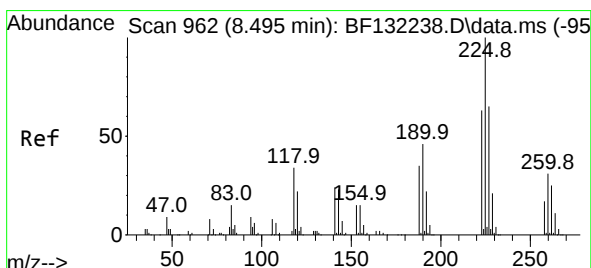
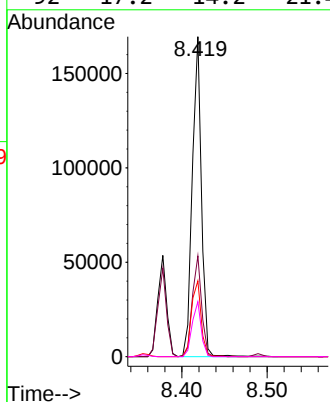
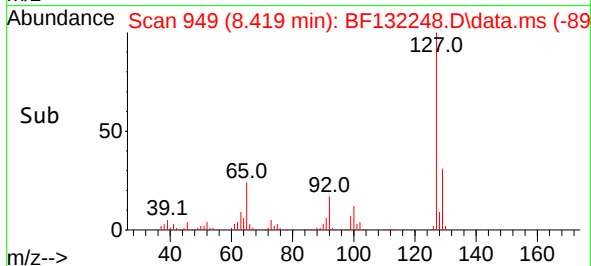
Instrument :
BNA_F
ClientSampleId :
MDL-WATER-03-QT3-2022



Tgt Ion:127 Resp: 126644
Ion Ratio Lower Upper
127 100
129 31.5 26.6 39.8
65 23.7 20.2 30.2
92 17.2 14.2 21.4

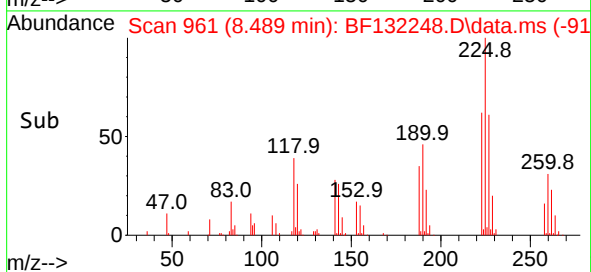
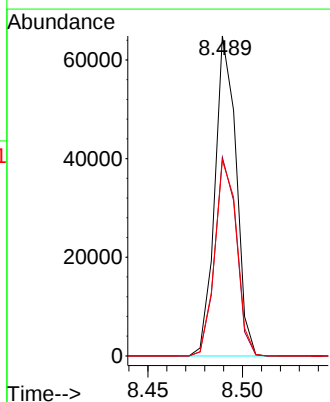
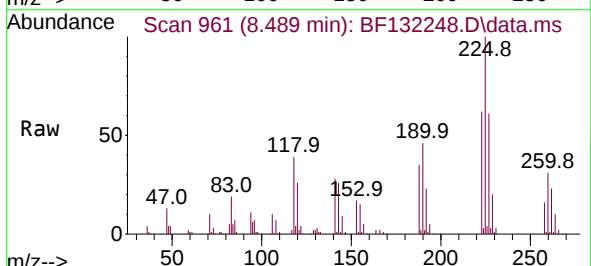
Manual Integrations
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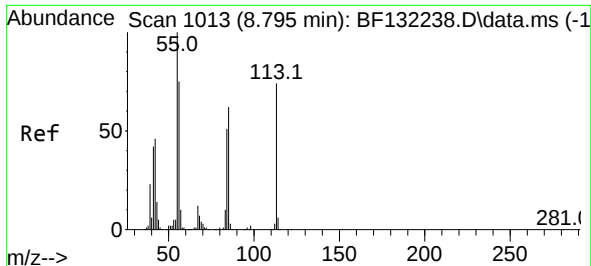
Reviewed By :Christian Giraldo 02/01/2023
Supervised By :Jagrut Upadhyay 02/01/2023



#34
Hexachlorobutadiene
Concen: 8.716 ng
RT: 8.489 min Scan# 961
Delta R.T. -0.006 min
Lab File: BF132248.D
Acq: 01 Feb 2023 01:00

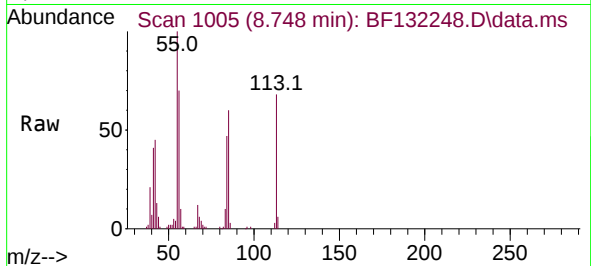
Tgt Ion:225 Resp: 50733
Ion Ratio Lower Upper
225 100
223 62.1 50.6 75.8
227 61.1 51.7 77.5





#35
Caprolactam
Concen: 7.986 ng
RT: 8.748 min Scan# 1013
Delta R.T. -0.047 min
Lab File: BF132248.D
Acq: 01 Feb 2023 01:00

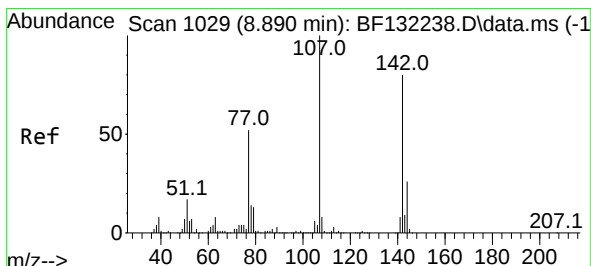
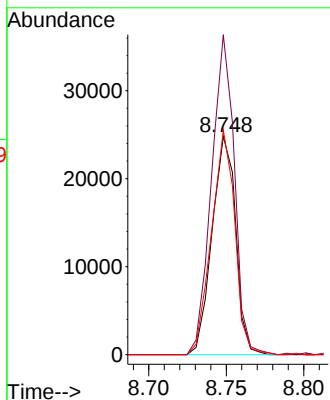
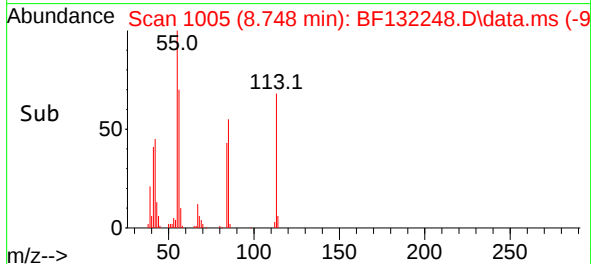
Instrument : BNA_F
ClientSampleId : MDL-WATER-03-QT3-2022



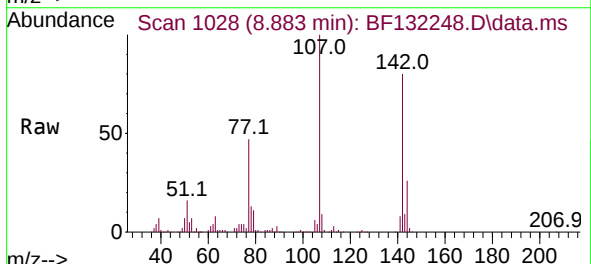
Tgt Ion:113 Resp: 26326
Ion Ratio Lower Upper
113 100
55 146.7 114.7 154.7
56 102.8 81.1 121.1

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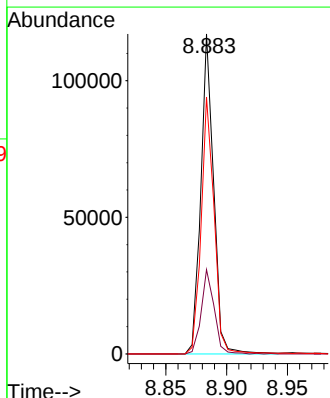
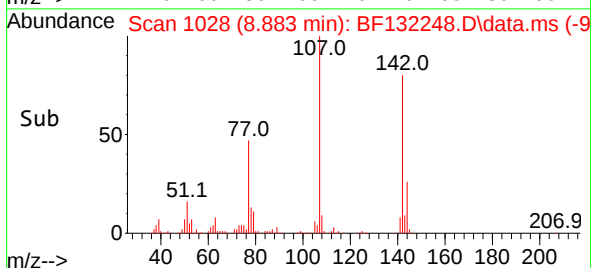
Reviewed By :Christian Giraldo 02/01/2023
Supervised By :Jagrut Upadhyay 02/01/2023

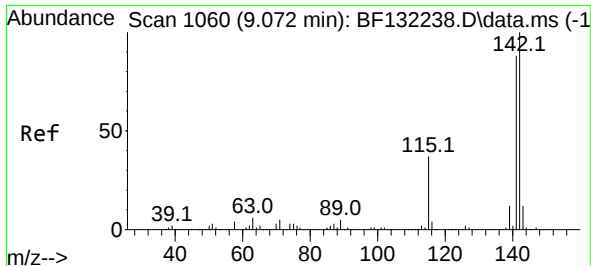


#36
4-Chloro-3-methylphenol
Concen: 8.256 ng
RT: 8.883 min Scan# 1028
Delta R.T. -0.006 min
Lab File: BF132248.D
Acq: 01 Feb 2023 01:00



Tgt Ion:107 Resp: 86006
Ion Ratio Lower Upper
107 100
144 26.3 20.5 30.7
142 80.3 63.6 95.4





#37

2-Methylnaphthalene

Concen: 8.578 ng

RT: 9.072 min Scan# 1060

Delta R.T. -0.000 min

Lab File: BF132248.D

Acq: 01 Feb 2023 01:00

Instrument :

BNA_F

ClientSampleId :

MDL-WATER-03-QT3-2022

Tgt Ion:142 Resp: 199009

Ion Ratio Lower Upper

142 100

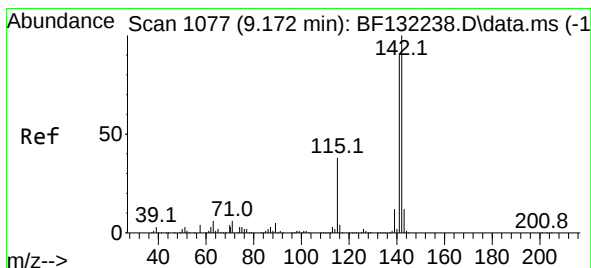
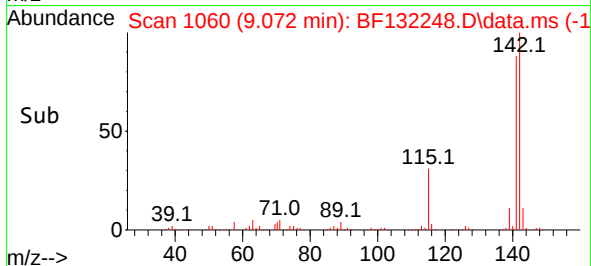
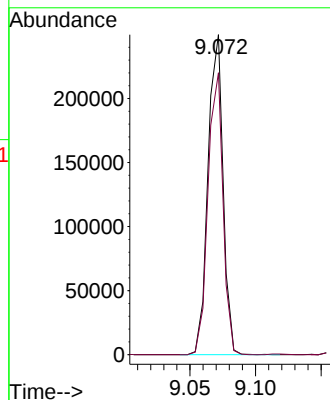
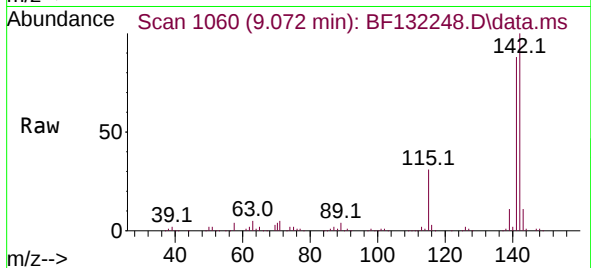
141 88.1 70.1 105.1

Manual Integrations

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Reviewed By :Christian Giraldo 02/01/2023

Supervised By :Jagrut Upadhyay 02/01/2023



#38

1-Methylnaphthalene

Concen: 8.756 ng

RT: 9.172 min Scan# 1077

Delta R.T. -0.000 min

Lab File: BF132248.D

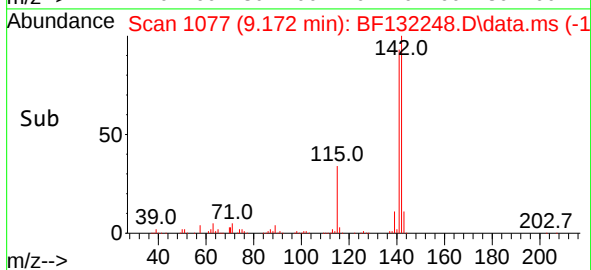
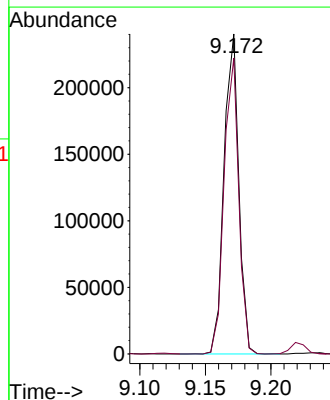
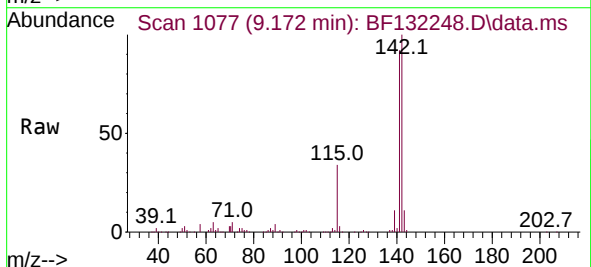
Acq: 01 Feb 2023 01:00

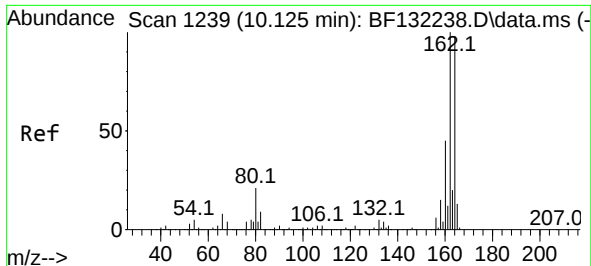
Tgt Ion:142 Resp: 188763

Ion Ratio Lower Upper

142 100

141 92.5 72.6 108.8





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 10.119 min Scan# 1239

Delta R.T. -0.006 min

Lab File: BF132248.D

Acq: 01 Feb 2023 01:00

Instrument :

BNA_F

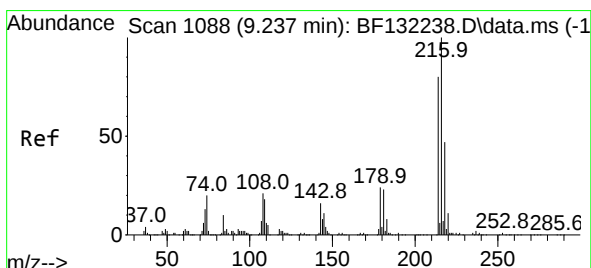
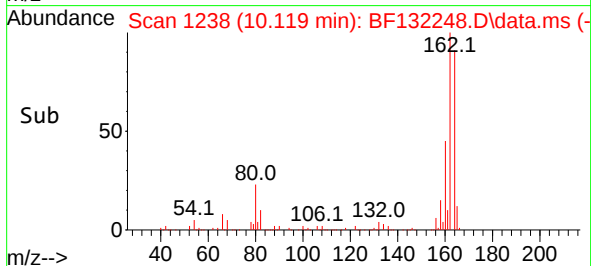
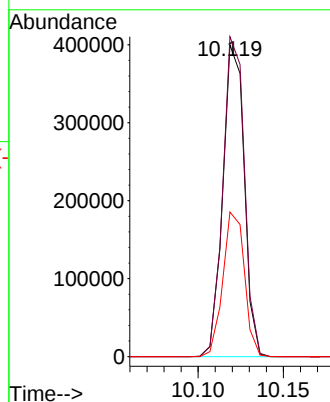
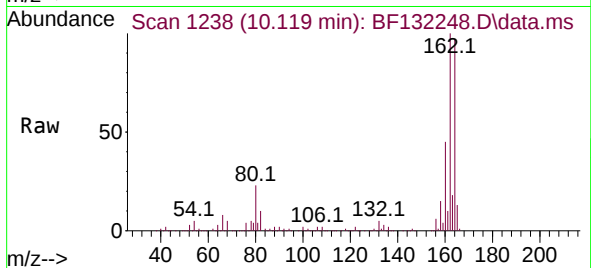
ClientSampleId :

MDL-WATER-03-QT3-2022

Tgt Ion:164 Resp: 348689
 Ion Ratio Lower Upper
 164 100
 162 102.7 82.0 123.0
 160 46.4 37.1 55.7

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Reviewed By :Christian Giraldo 02/01/2023
 Supervised By :Jagrut Upadhyay 02/01/2023



#40

1,2,4,5-Tetrachlorobenzene

Concen: 8.845 ng

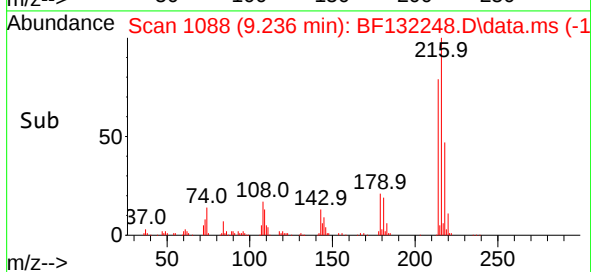
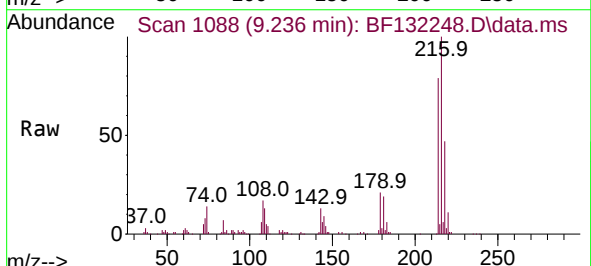
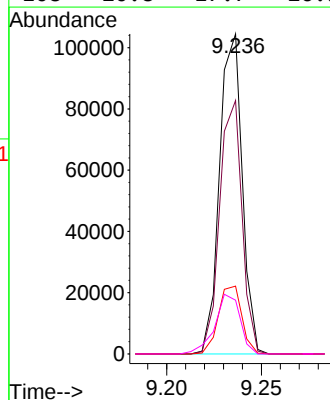
RT: 9.236 min Scan# 1088

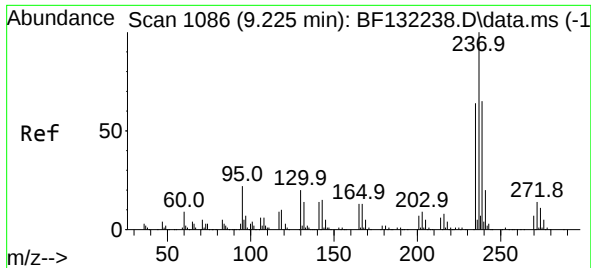
Delta R.T. -0.000 min

Lab File: BF132248.D

Acq: 01 Feb 2023 01:00

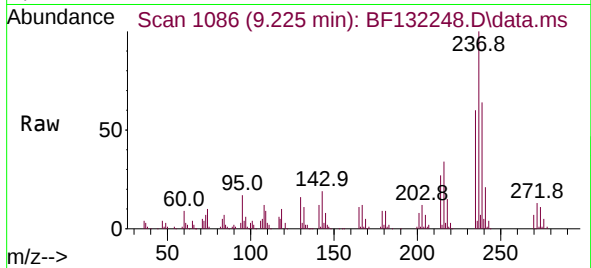
Tgt Ion:216 Resp: 86793
 Ion Ratio Lower Upper
 216 100
 214 78.2 63.6 95.4
 179 22.0 18.3 27.5
 108 20.8 17.7 26.5





#41
Hexachlorocyclopentadiene
Concen: 8.476 ng
RT: 9.225 min Scan# 1086
Delta R.T. -0.000 min
Lab File: BF132248.D
Acq: 01 Feb 2023 01:00

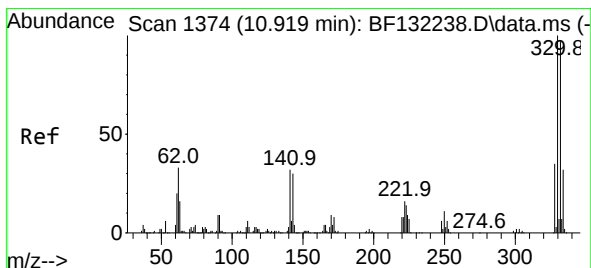
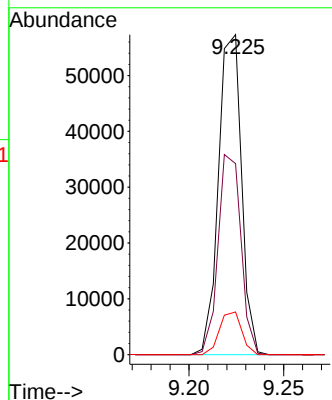
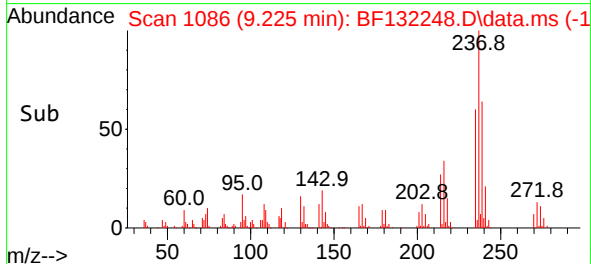
Instrument : BNA_F
ClientSampleId : MDL-WATER-03-QT3-2022



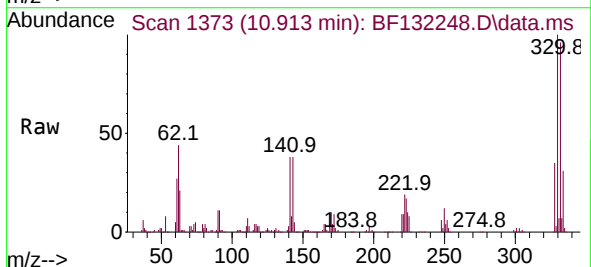
Tgt Ion: 237 Resp: 48526
Ion Ratio Lower Upper
237 100
235 59.7 43.5 83.5
272 13.3 0.0 33.6

Manual Integrations
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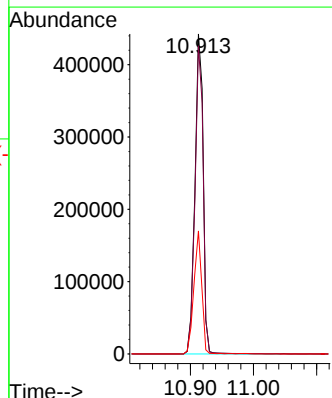
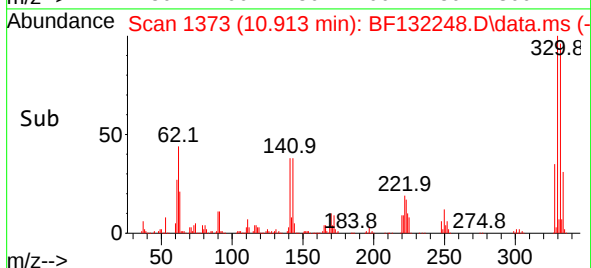
Reviewed By : Christian Giraldo 02/01/2023
Supervised By : Jagrut Upadhyay 02/01/2023

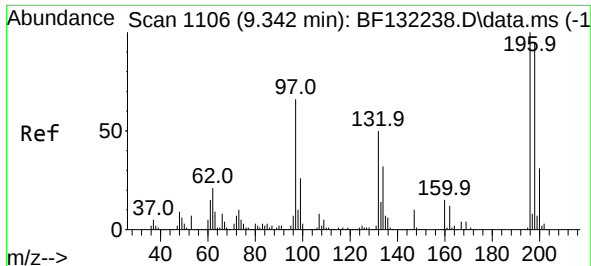


#42
2,4,6-Tribromophenol
Concen: 112.288 ng
RT: 10.913 min Scan# 1373
Delta R.T. -0.006 min
Lab File: BF132248.D
Acq: 01 Feb 2023 01:00



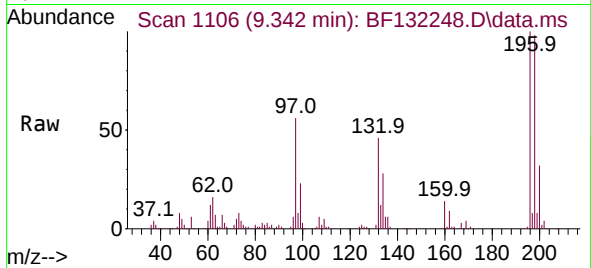
Tgt Ion: 330 Resp: 402641
Ion Ratio Lower Upper
330 100
332 95.4 77.9 116.9
141 36.5 31.0 46.4





#43
2,4,6-Trichlorophenol
Concen: 8.118 ng
RT: 9.342 min Scan# 1106
Delta R.T. -0.000 min
Lab File: BF132248.D
Acq: 01 Feb 2023 01:00

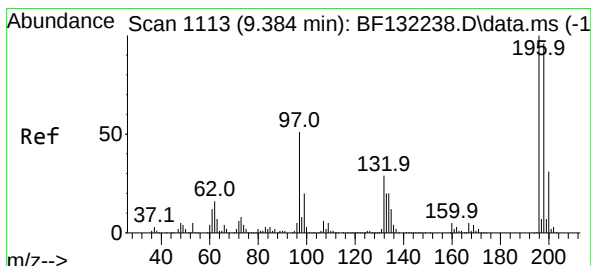
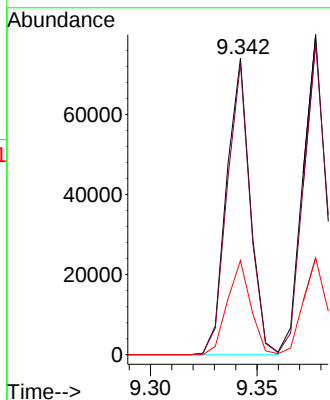
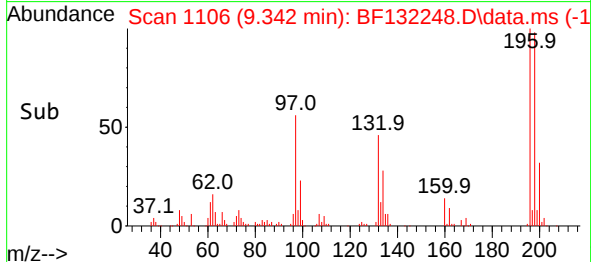
Instrument :
BNA_F
ClientSampleId :
MDL-WATER-03-QT3-2022



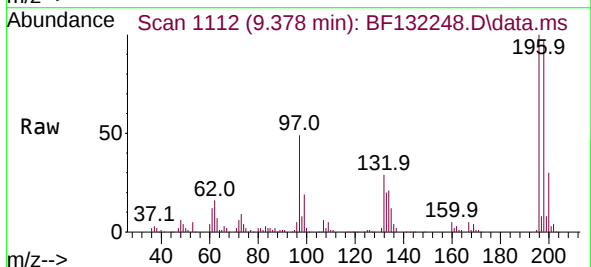
Tgt Ion:196 Resp: 56944
Ion Ratio Lower Upper
196 100
198 98.3 75.9 113.9
200 31.7 24.7 37.1

Manual Integrations
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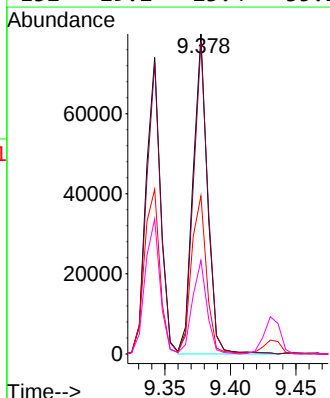
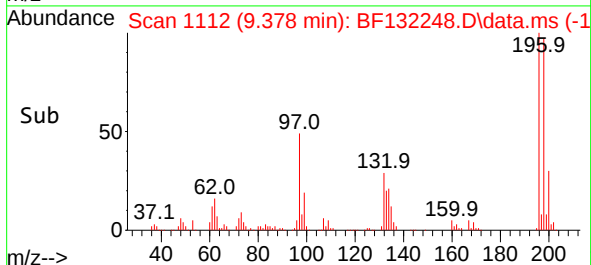
Reviewed By :Christian Giraldo 02/01/2023
Supervised By :Jagrut Upadhyay 02/01/2023

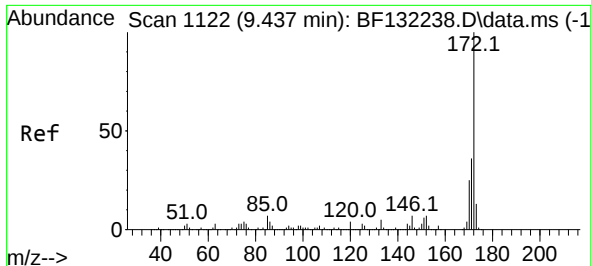


#44
2,4,5-Trichlorophenol
Concen: 7.569 ng
RT: 9.378 min Scan# 1112
Delta R.T. -0.006 min
Lab File: BF132248.D
Acq: 01 Feb 2023 01:00



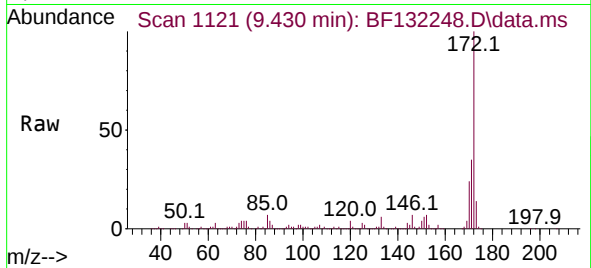
Tgt Ion:196 Resp: 61106
Ion Ratio Lower Upper
196 100
198 97.4 77.0 115.4
97 49.4 41.2 61.8
132 29.2 23.4 35.2





#45
2-Fluorobiphenyl
Concen: 66.340 ng
RT: 9.430 min Scan# 1122
Delta R.T. -0.007 min
Lab File: BF132248.D
Acq: 01 Feb 2023 01:00

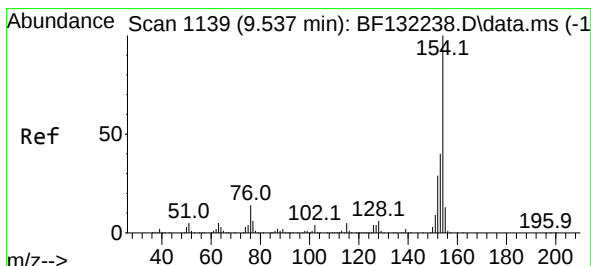
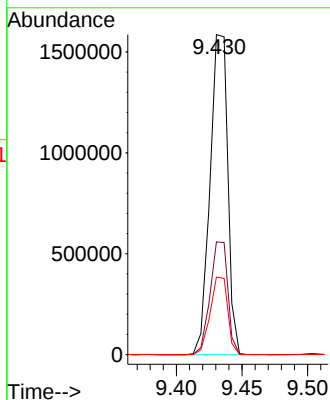
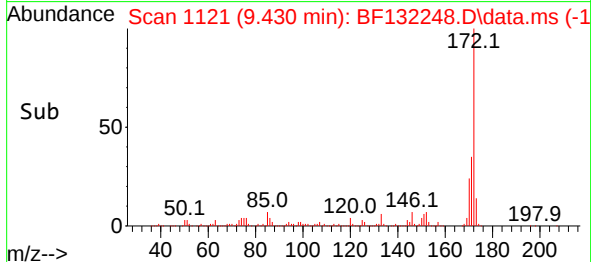
Instrument :
BNA_F
ClientSampleId :
MDL-WATER-03-QT3-2022



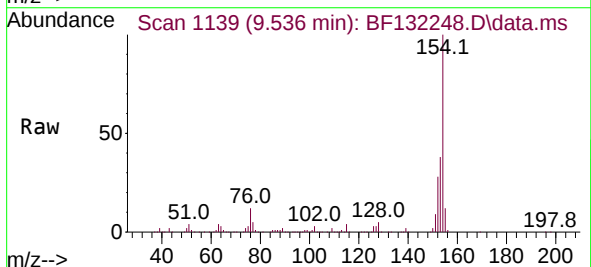
Tgt Ion:172 Resp: 1497938
Ion Ratio Lower Upper
172 100
171 35.2 28.6 43.0
170 24.2 19.7 29.5

Manual Integrations
APPROVED

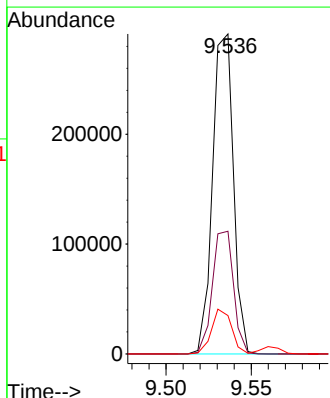
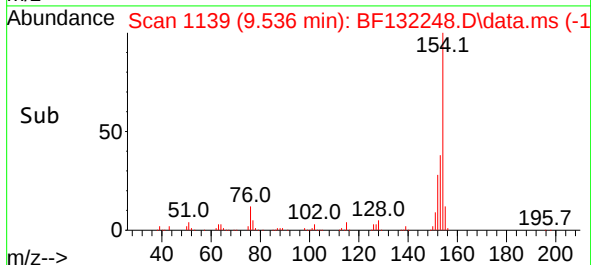
Reviewed By :Christian Giraldo 02/01/2023
Supervised By :Jagrut Upadhyay 02/01/2023

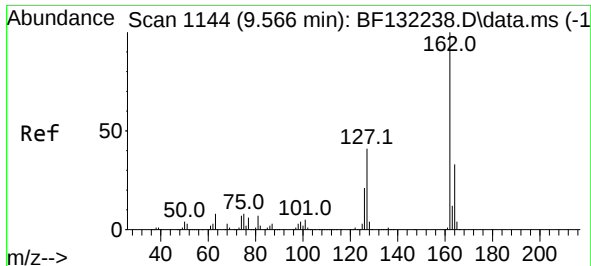


#46
1,1'-Biphenyl
Concen: 9.225 ng
RT: 9.536 min Scan# 1139
Delta R.T. -0.000 min
Lab File: BF132248.D
Acq: 01 Feb 2023 01:00



Tgt Ion:154 Resp: 247985
Ion Ratio Lower Upper
154 100
153 38.3 19.9 59.9
76 12.0 0.0 34.0





#47

2-Chloronaphthalene

Concen: 9.044 ng

RT: 9.560 min Scan# 1144

Delta R.T. -0.006 min

Lab File: BF132248.D

Acq: 01 Feb 2023 01:00

Instrument :

BNA_F

ClientSampleId :

MDL-WATER-03-QT3-2022

Tgt Ion:162 Resp: 185176

Ion Ratio Lower Upper

162 100

127 42.5 33.3 49.9

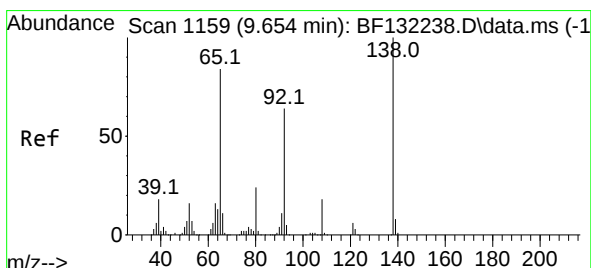
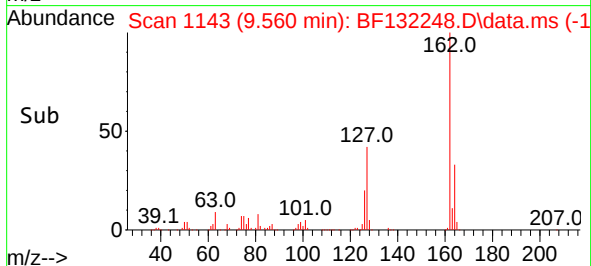
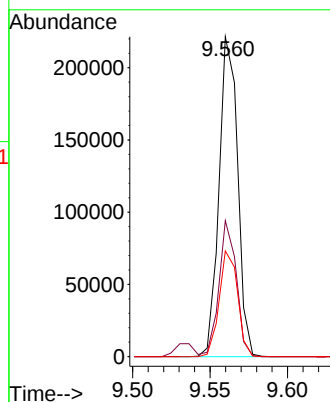
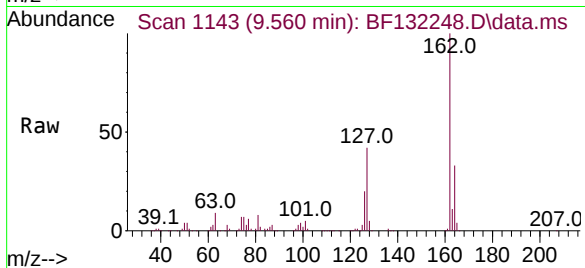
164 33.0 26.8 40.2

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 02/01/2023

Supervised By :Jagrut Upadhyay 02/01/2023



#48

2-Nitroaniline

Concen: 7.712 ng

RT: 9.648 min Scan# 1158

Delta R.T. -0.006 min

Lab File: BF132248.D

Acq: 01 Feb 2023 01:00

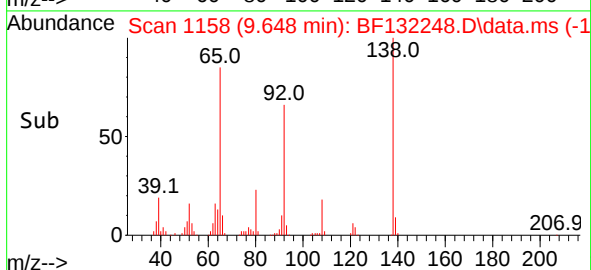
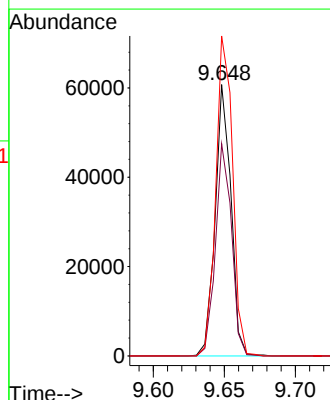
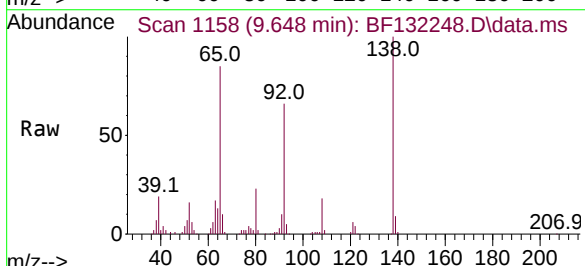
Tgt Ion: 65 Resp: 46962

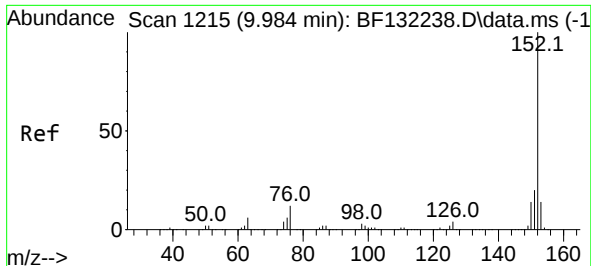
Ion Ratio Lower Upper

65 100

92 78.2 61.0 91.4

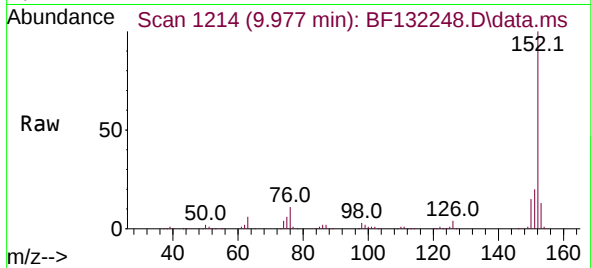
138 118.0 95.0 142.4





#49
Acenaphthylene
Concen: 8.625 ng
RT: 9.977 min Scan# 1188
Delta R.T. -0.006 min
Lab File: BF132248.D
Acq: 01 Feb 2023 01:00

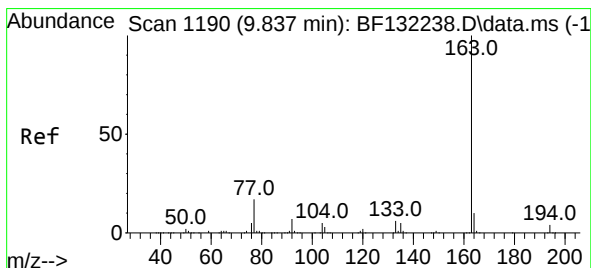
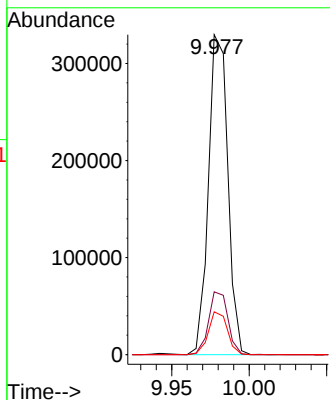
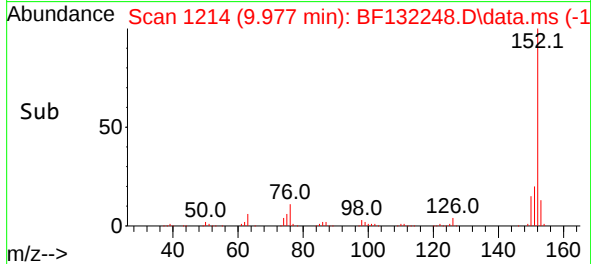
Instrument : BNA_F
ClientSampleId : MDL-WATER-03-QT3-2022



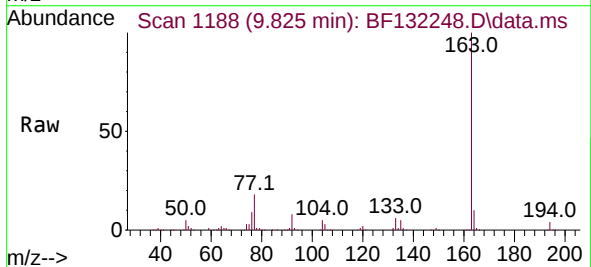
Tgt Ion:152 Resp: 288222
Ion Ratio Lower Upper
152 100
151 19.6 15.9 23.9
153 13.4 10.9 16.3

Manual Integrations
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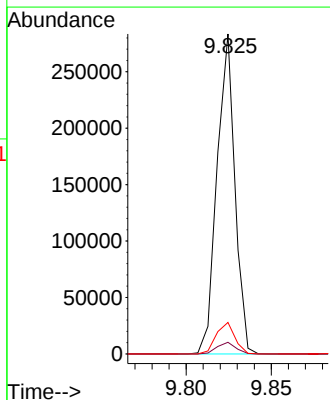
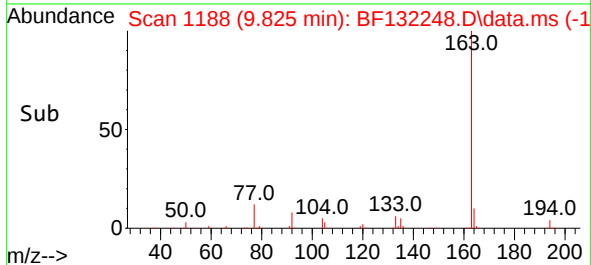
Reviewed By :Christian Giraldo 02/01/2023
Supervised By :Jagrut Upadhyay 02/01/2023

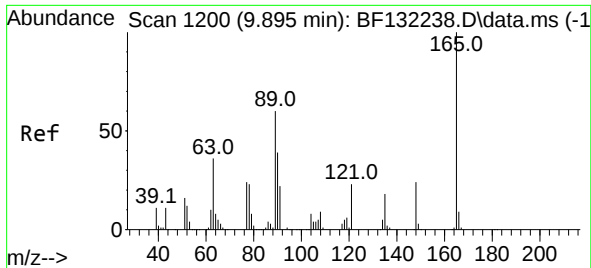


#50
Dimethylphthalate
Concen: 8.468 ng
RT: 9.825 min Scan# 1188
Delta R.T. -0.012 min
Lab File: BF132248.D
Acq: 01 Feb 2023 01:00



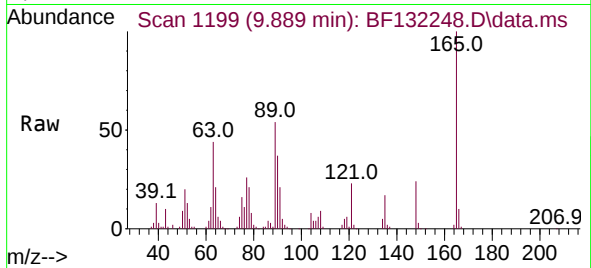
Tgt Ion:163 Resp: 206555
Ion Ratio Lower Upper
163 100
194 3.6 3.0 4.4
164 9.8 7.9 11.9





#51
2,6-Dinitrotoluene
Concen: 8.076 ng
RT: 9.889 min Scan# 1199
Delta R.T. -0.006 min
Lab File: BF132248.D
Acq: 01 Feb 2023 01:00

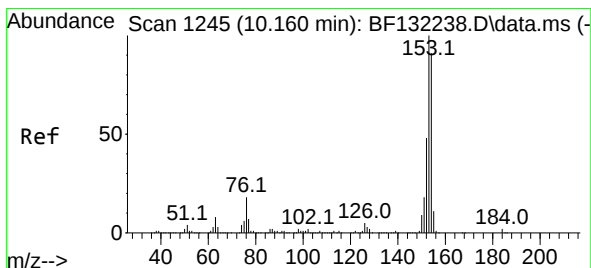
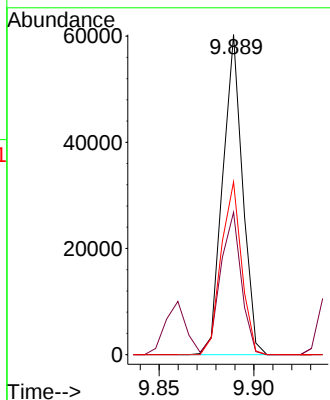
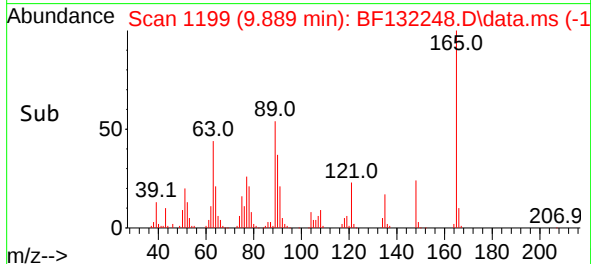
Instrument :
BNA_F
ClientSampleId :
MDL-WATER-03-QT3-2022



Tgt Ion:165 Resp: 43994
Ion Ratio Lower Upper
165 100
63 44.5 41.5 62.3
89 54.0 48.1 72.1

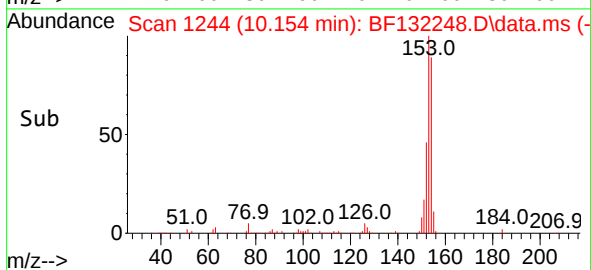
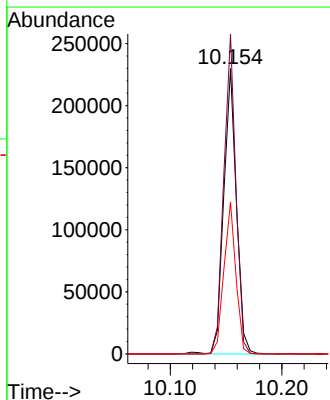
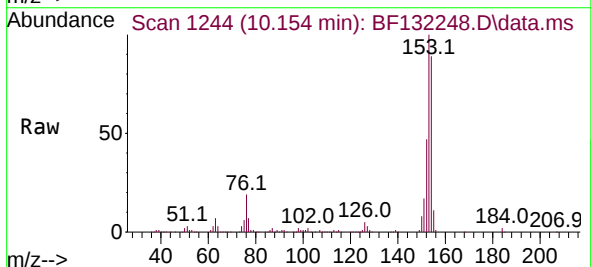
Manual Integrations
APPROVED

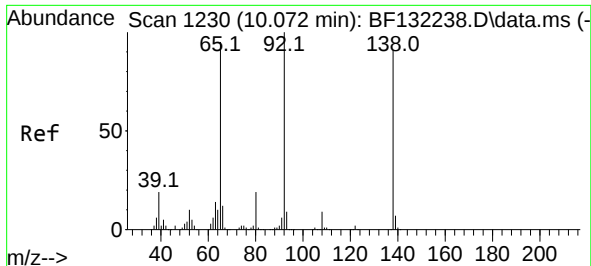
Reviewed By :Christian Giraldo 02/01/2023
Supervised By :Jagrut Upadhyay 02/01/2023



#52
Acenaphthene
Concen: 8.666 ng m
RT: 10.154 min Scan# 1244
Delta R.T. -0.006 min
Lab File: BF132248.D
Acq: 01 Feb 2023 01:00

Tgt Ion:154 Resp: 181299
Ion Ratio Lower Upper
154 100
153 112.2 88.3 132.5
152 53.3 42.7 64.1





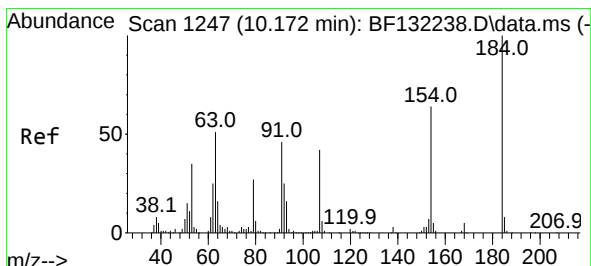
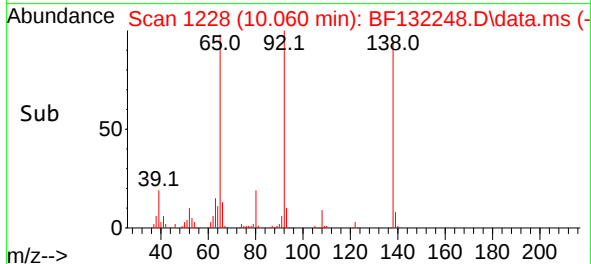
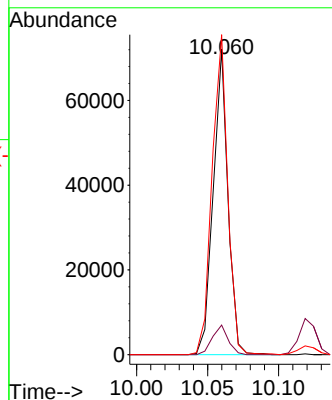
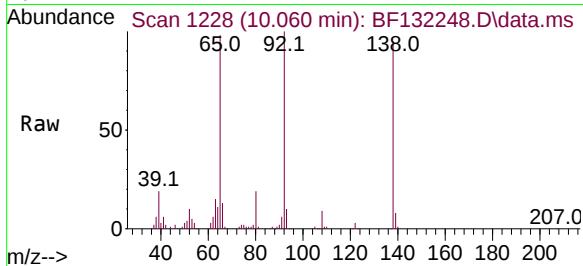
#53
3-Nitroaniline
Concen: 7.834 ng
RT: 10.060 min Scan# 1228
Delta R.T. -0.012 min
Lab File: BF132248.D
Acq: 01 Feb 2023 01:00

Instrument : BNA_F
ClientSampleId : MDL-WATER-03-QT3-2022

Tgt Ion:138 Resp: 51753
Ion Ratio Lower Upper
138 100
108 9.7 7.6 11.4
92 104.9 88.3 132.5

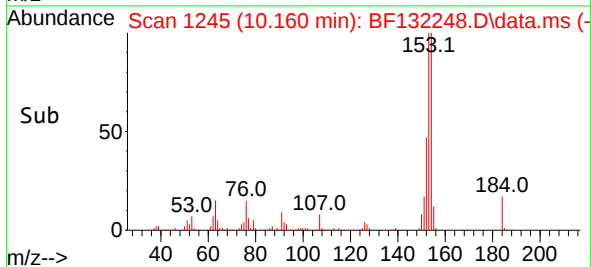
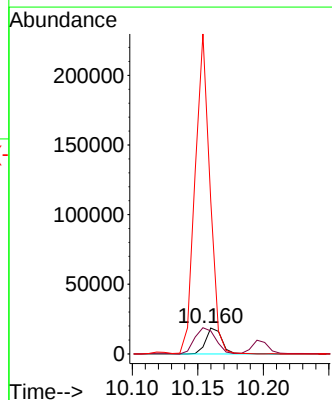
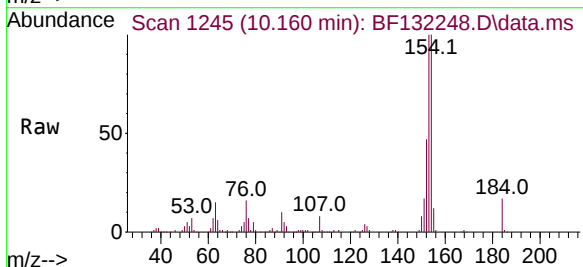
Manual Integrations
APPROVED

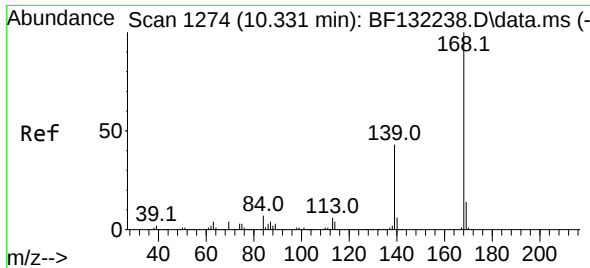
Reviewed By :Christian Giraldo 02/01/2023
Supervised By :Jagrut Upadhyay 02/01/2023



#54
2,4-Dinitrophenol
Concen: 9.059 ng
RT: 10.160 min Scan# 1245
Delta R.T. -0.012 min
Lab File: BF132248.D
Acq: 01 Feb 2023 01:00

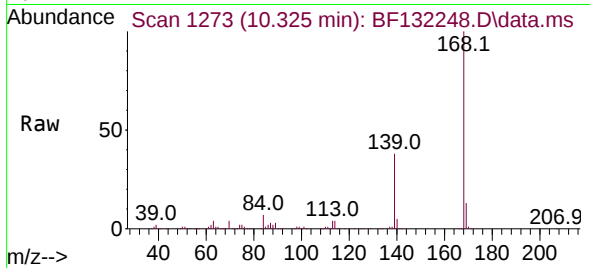
Tgt Ion:184 Resp: 15793
Ion Ratio Lower Upper
184 100
63 88.4 41.6 62.4#
154 591.1 57.0 85.6#





#55
Dibenzofuran
Concen: 8.797 ng
RT: 10.325 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF132248.D
Acq: 01 Feb 2023 01:00

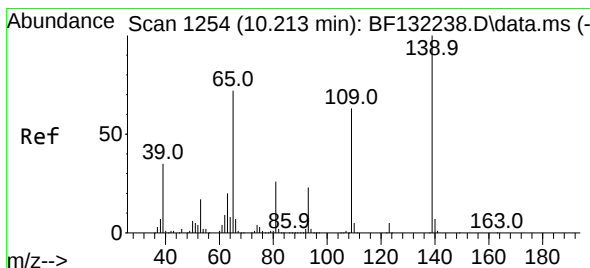
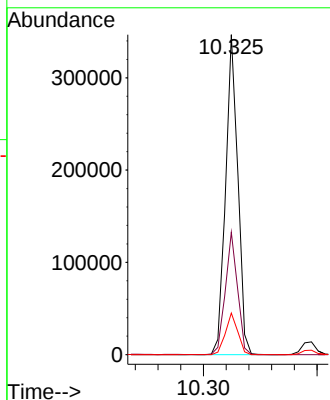
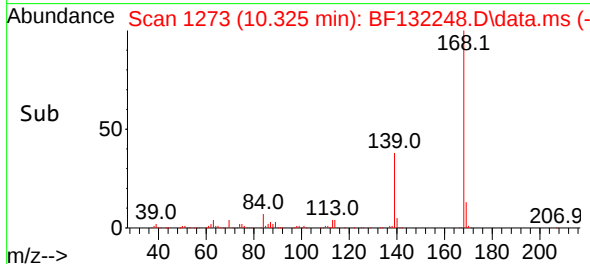
Instrument :
BNA_F
ClientSampleId :
MDL-WATER-03-QT3-2022



Tgt Ion:168 Resp: 258584
Ion Ratio Lower Upper
168 100
139 38.2 34.2 51.4
169 13.0 11.2 16.8

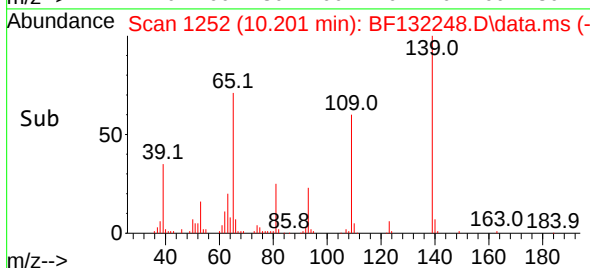
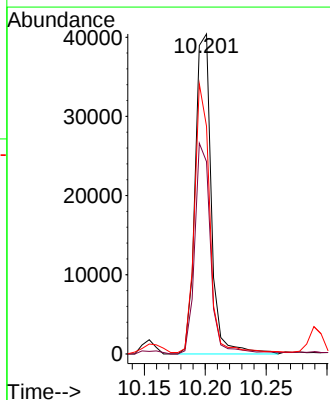
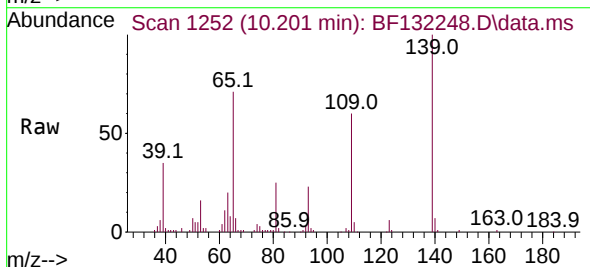
Manual Integrations
APPROVED

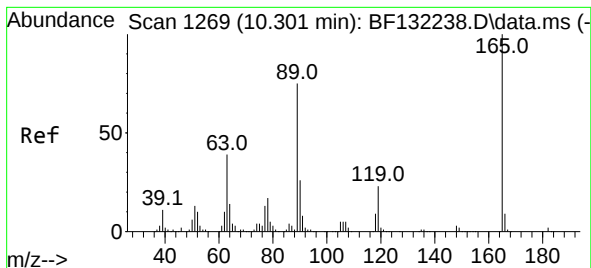
Reviewed By :Christian Giraldo 02/01/2023
Supervised By :Jagrut Upadhyay 02/01/2023



#56
4-Nitrophenol
Concen: 7.513 ng
RT: 10.201 min Scan# 1252
Delta R.T. -0.012 min
Lab File: BF132248.D
Acq: 01 Feb 2023 01:00

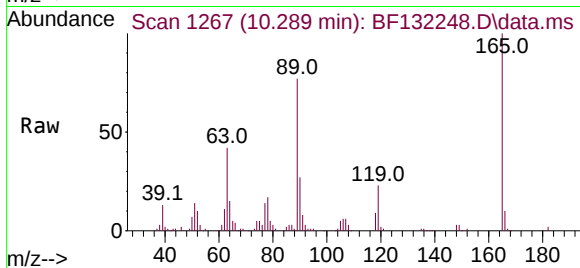
Tgt Ion:139 Resp: 37349
Ion Ratio Lower Upper
139 100
109 60.1 43.3 83.3
65 71.1 52.3 92.3





#57
2,4-Dinitrotoluene
Concen: 8.014 ng
RT: 10.289 min Scan# 1267
Delta R.T. -0.012 min
Lab File: BF132248.D
Acq: 01 Feb 2023 01:00

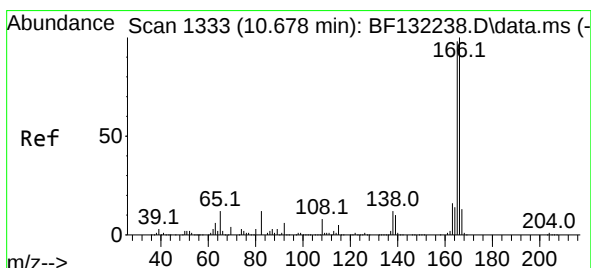
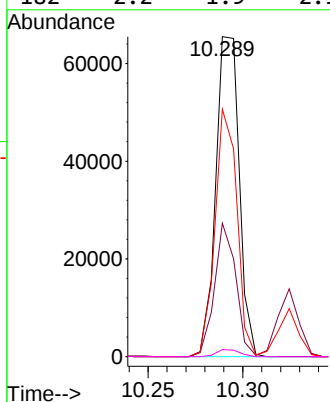
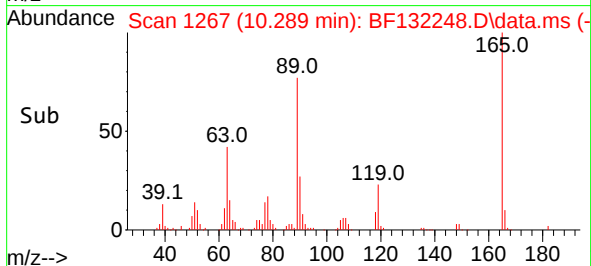
Instrument :
BNA_F
ClientSampleId :
MDL-WATER-03-QT3-2022



Tgt Ion:165 Resp: 56712
Ion Ratio Lower Upper
165 100
63 41.7 30.9 46.3
89 77.3 60.1 90.1
182 2.2 1.9 2.9

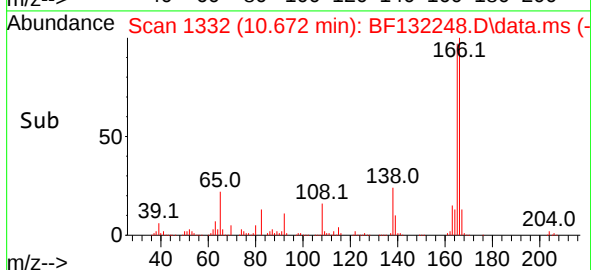
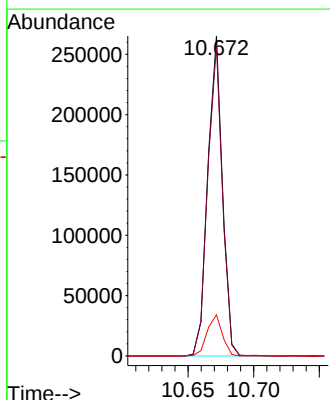
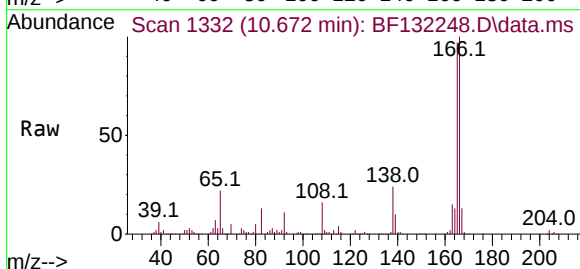
Manual Integrations
APPROVED

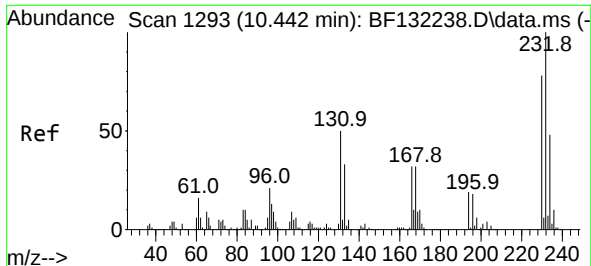
Reviewed By :Christian Giraldo 02/01/2023
Supervised By :Jagrut Upadhyay 02/01/2023



#58
Fluorene
Concen: 9.100 ng
RT: 10.672 min Scan# 1332
Delta R.T. -0.006 min
Lab File: BF132248.D
Acq: 01 Feb 2023 01:00

Tgt Ion:166 Resp: 205863
Ion Ratio Lower Upper
166 100
165 97.0 78.0 117.0
167 12.8 10.8 16.2





#59

2,3,4,6-Tetrachlorophenol

Concen: 7.967 ng

RT: 10.436 min Scan# 1292

Delta R.T. -0.006 min

Lab File: BF132248.D

Acq: 01 Feb 2023 01:00

Instrument :

BNA_F

ClientSampleId :

MDL-WATER-03-QT3-2022

Tgt Ion:232 Resp: 4688

Ion Ratio Lower Upper

232 100

131 48.8 40.6 61.0

130 2.3 1.9 2.9

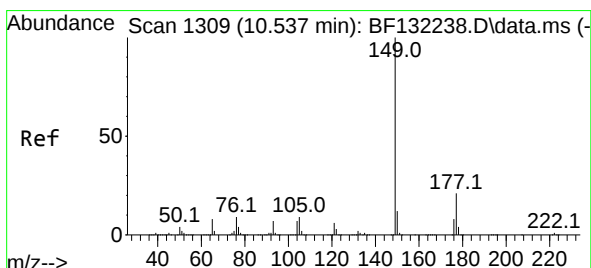
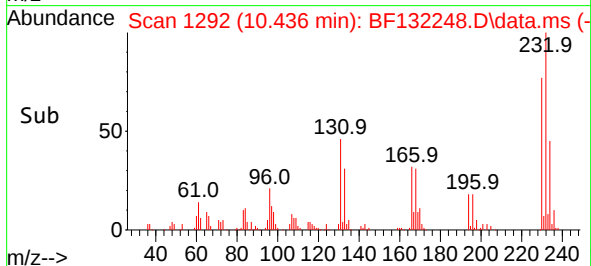
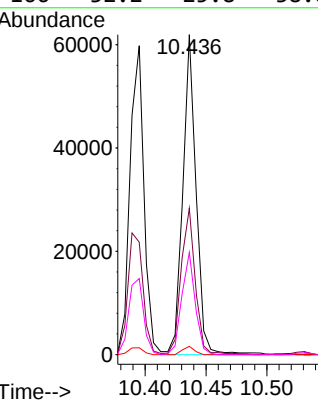
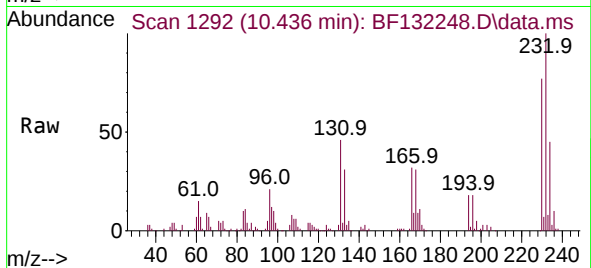
166 32.2 25.8 38.8

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 02/01/2023

Supervised By :Jagrut Upadhyay 02/01/2023



#60

Diethylphthalate

Concen: 8.459 ng

RT: 10.530 min Scan# 1308

Delta R.T. -0.006 min

Lab File: BF132248.D

Acq: 01 Feb 2023 01:00

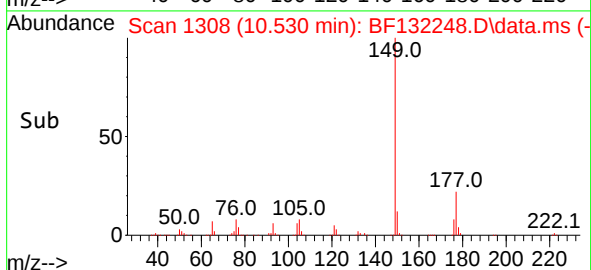
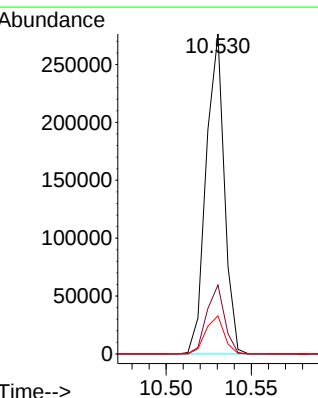
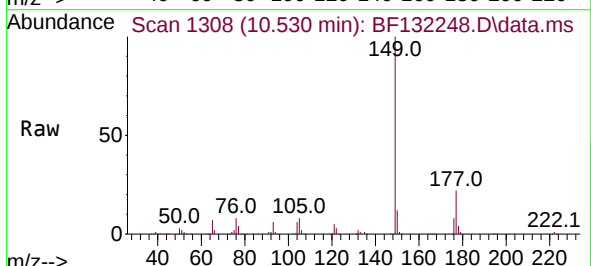
Tgt Ion:149 Resp: 205259

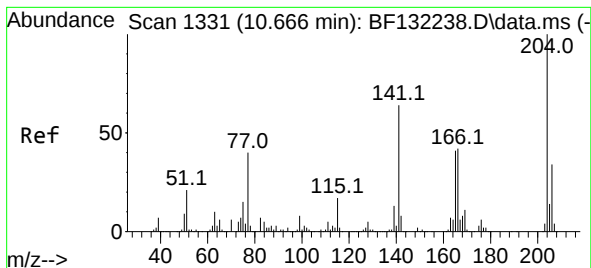
Ion Ratio Lower Upper

149 100

177 21.5 17.1 25.7

150 11.9 9.9 14.9





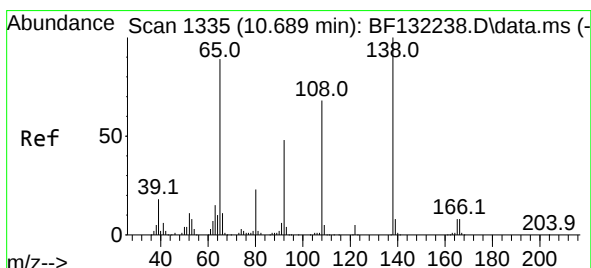
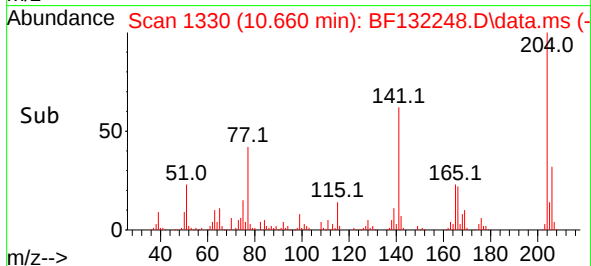
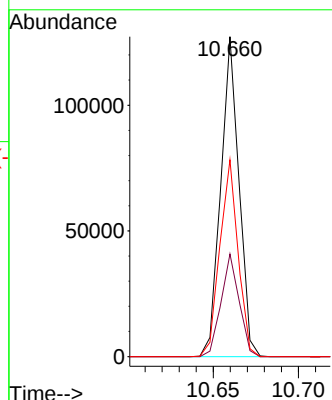
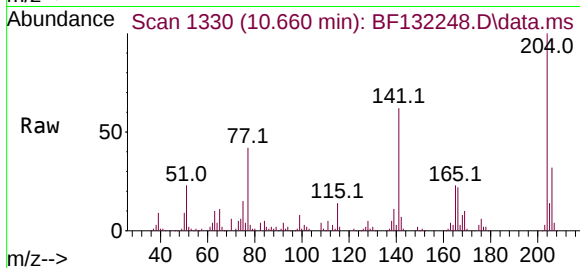
#61
4-Chlorophenyl-phenylether
Concen: 8.798 ng
RT: 10.660 min Scan# 1331
Delta R.T. -0.006 min
Lab File: BF132248.D
Acq: 01 Feb 2023 01:00

Instrument :
BNA_F
ClientSampleId :
MDL-WATER-03-QT3-2022

Tgt Ion:204 Resp: 94454
Ion Ratio Lower Upper
204 100
206 32.1 26.8 40.2
141 61.5 51.4 77.0

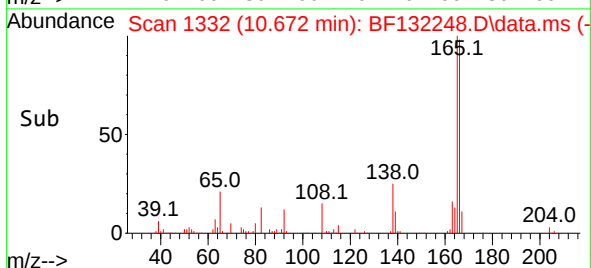
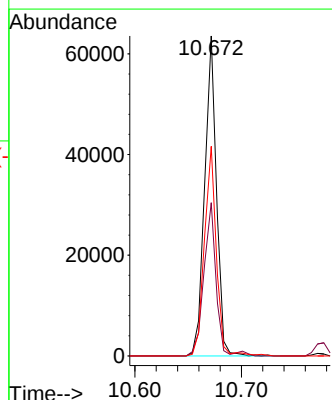
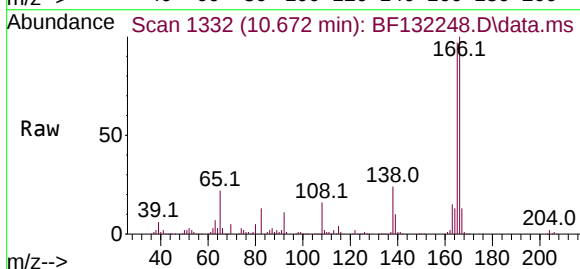
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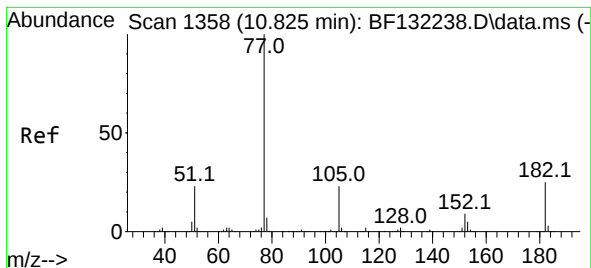
Reviewed By :Christian Giraldo 02/01/2023
Supervised By :Jagrut Upadhyay 02/01/2023



#62
4-Nitroaniline
Concen: 7.699 ng
RT: 10.672 min Scan# 1332
Delta R.T. -0.018 min
Lab File: BF132248.D
Acq: 01 Feb 2023 01:00

Tgt Ion:138 Resp: 48770
Ion Ratio Lower Upper
138 100
92 47.9 27.7 67.7
108 65.5 48.5 88.5





#63

Azobenzene

Concen: 8.273 ng

RT: 10.819 min Scan# 1357

Delta R.T. -0.006 min

Lab File: BF132248.D

Acq: 01 Feb 2023 01:00

Instrument :

BNA_F

ClientSampleId :

MDL-WATER-03-QT3-2022

Tgt Ion: 77 Resp: 19553

Ion Ratio Lower Upper

77 100

182 22.2 4.5 44.5

105 21.7 2.7 42.7

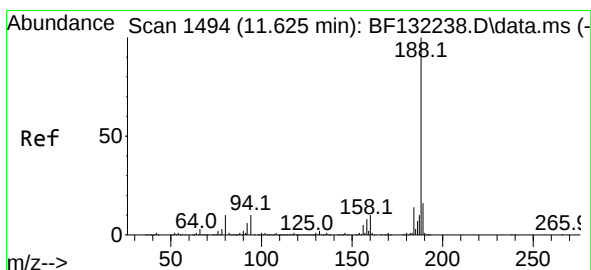
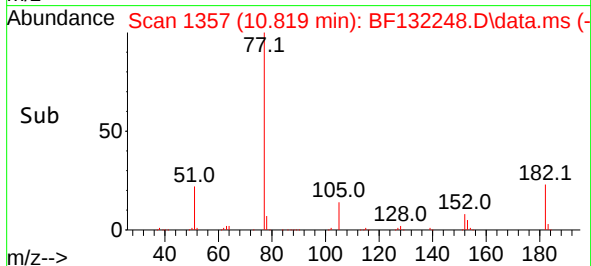
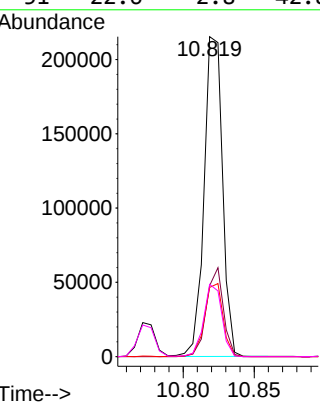
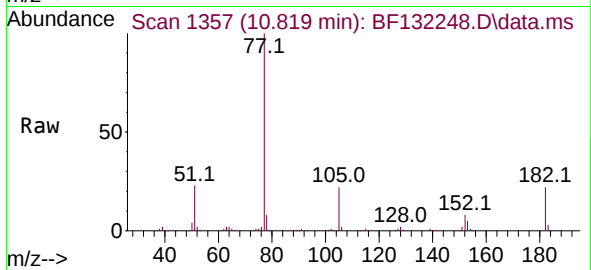
51 22.6 2.8 42.8

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 02/01/2023

Supervised By :Jagrut Upadhyay 02/01/2023



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.619 min Scan# 1493

Delta R.T. -0.006 min

Lab File: BF132248.D

Acq: 01 Feb 2023 01:00

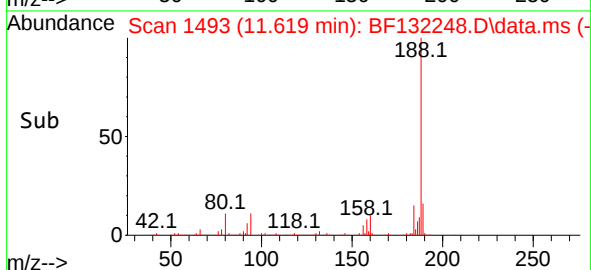
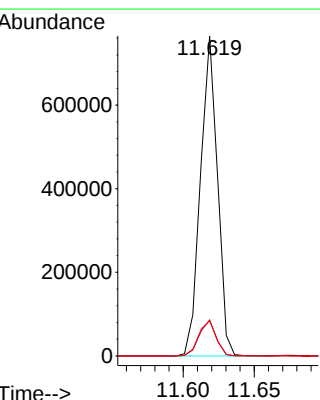
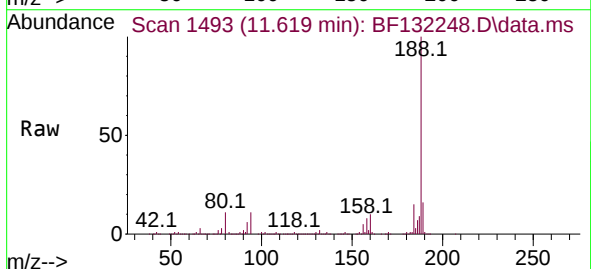
Tgt Ion:188 Resp: 637303

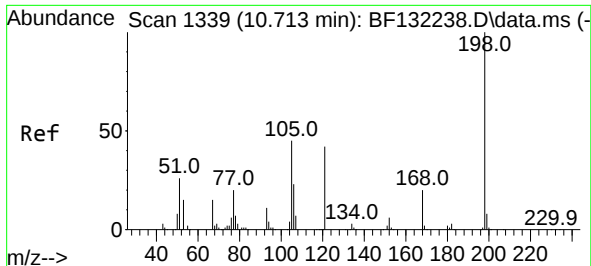
Ion Ratio Lower Upper

188 100

94 11.2 8.2 12.2

80 11.0 8.3 12.5





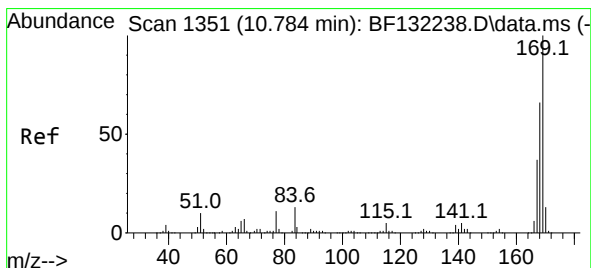
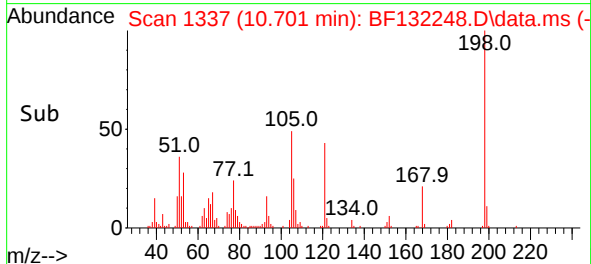
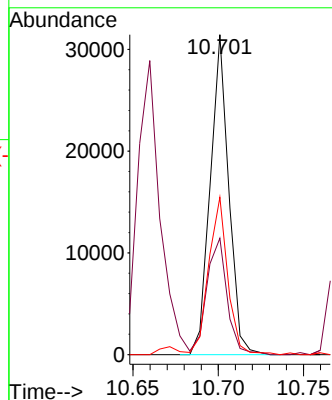
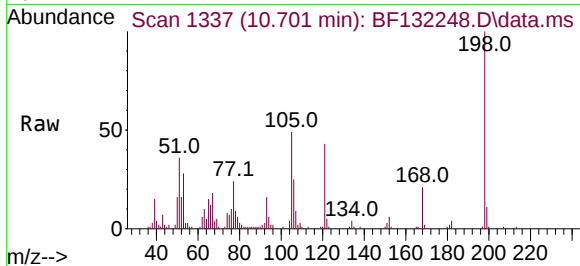
#65
4,6-Dinitro-2-methylphenol
Concen: 6.560 ng
RT: 10.701 min Scan# 1337
Delta R.T. -0.012 min
Lab File: BF132248.D
Acq: 01 Feb 2023 01:00

Instrument :
BNA_F
ClientSampleId :
MDL-WATER-03-QT3-2022

Tgt Ion:198 Resp: 23721
Ion Ratio Lower Upper
198 100
51 36.4 13.1 53.1
105 49.2 26.0 66.0

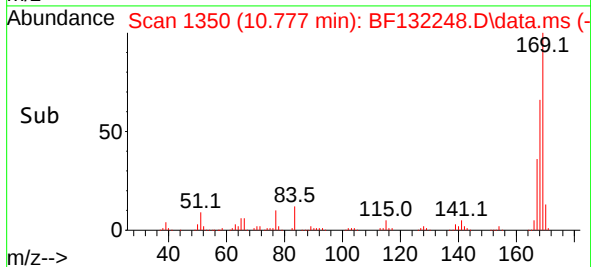
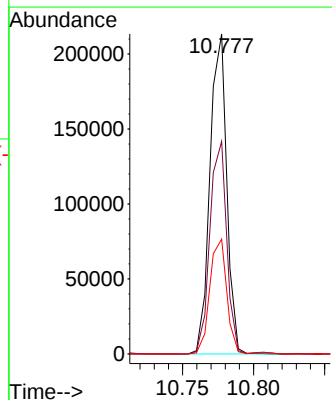
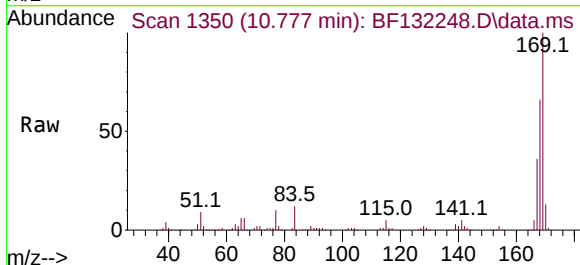
Manual Integrations
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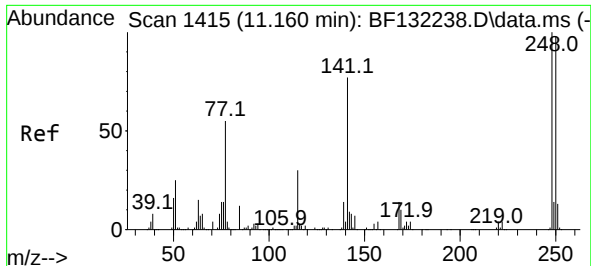
Reviewed By :Christian Giraldo 02/01/2023
Supervised By :Jagrut Upadhyay 02/01/2023



#66
n-Nitrosodiphenylamine
Concen: 8.753 ng
RT: 10.777 min Scan# 1350
Delta R.T. -0.006 min
Lab File: BF132248.D
Acq: 01 Feb 2023 01:00

Tgt Ion:169 Resp: 174679
Ion Ratio Lower Upper
169 100
168 66.4 52.6 79.0
167 35.9 29.5 44.3





#67

4-Bromophenyl-phenylether

Concen: 8.480 ng

RT: 11.154 min Scan# 1414

Delta R.T. -0.006 min

Lab File: BF132248.D

Acq: 01 Feb 2023 01:00

Instrument :

BNA_F

ClientSampleId :

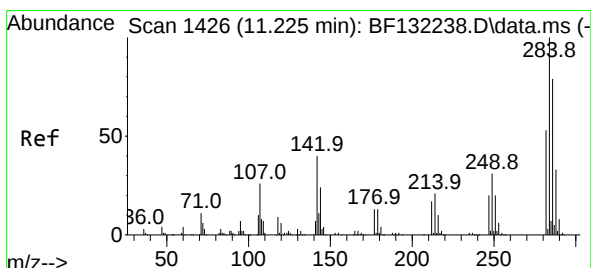
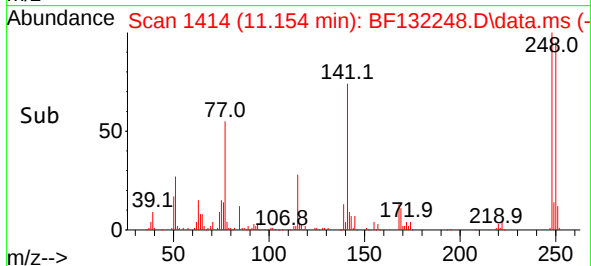
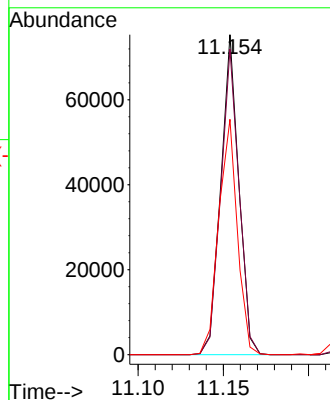
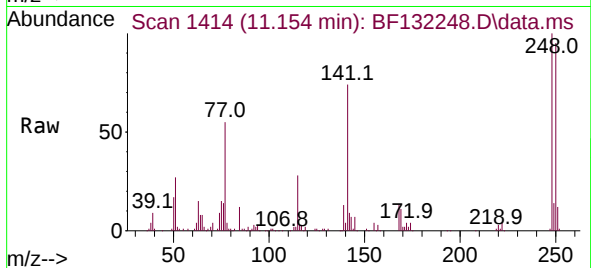
MDL-WATER-03-QT3-2022

Tgt Ion:248 Resp: 55342
 Ion Ratio Lower Upper
 248 100
 250 95.5 78.6 117.8
 141 73.5 61.6 92.4

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 02/01/2023
 Supervised By :Jagrut Upadhyay 02/01/2023



#68

Hexachlorobenzene

Concen: 8.941 ng

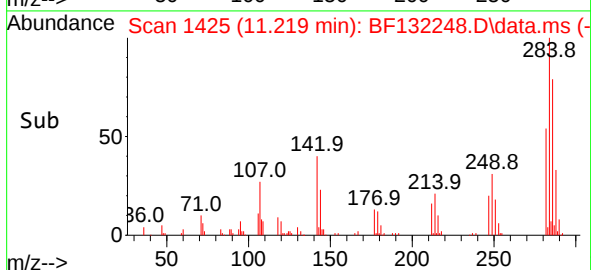
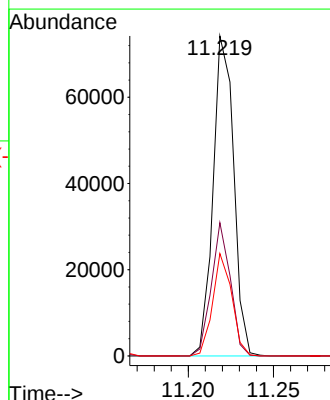
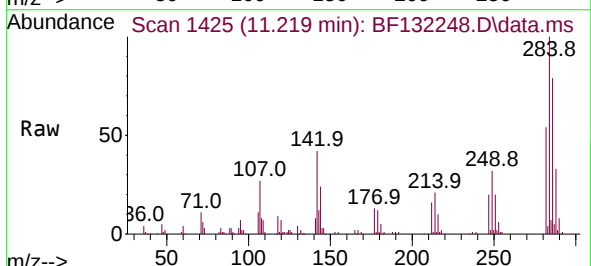
RT: 11.219 min Scan# 1425

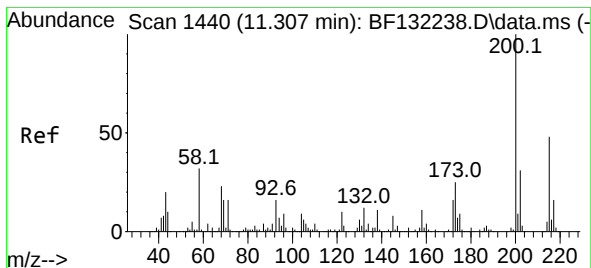
Delta R.T. -0.006 min

Lab File: BF132248.D

Acq: 01 Feb 2023 01:00

Tgt Ion:284 Resp: 62363
 Ion Ratio Lower Upper
 284 100
 142 41.7 32.2 48.4
 249 32.0 25.0 37.6





#69

Atrazine

Concen: 9.190 ng

RT: 11.295 min Scan# 1438

Delta R.T. -0.012 min

Lab File: BF132248.D

Acq: 01 Feb 2023 01:00

Instrument :

BNA_F

ClientSampleId :

MDL-WATER-03-QT3-2022

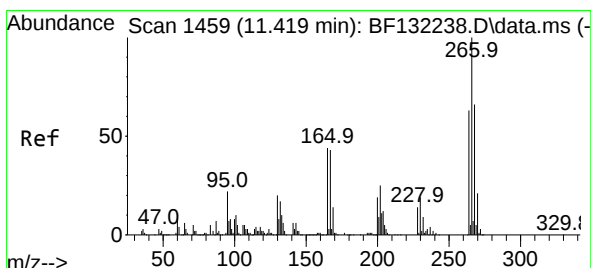
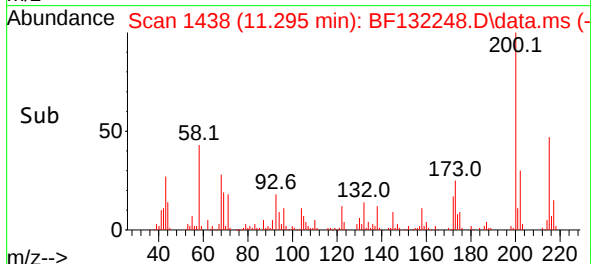
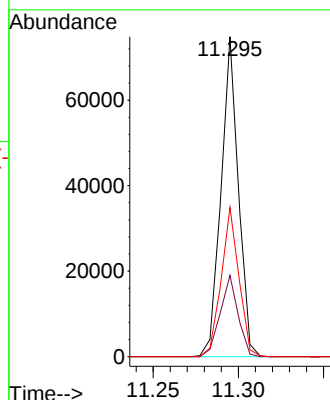
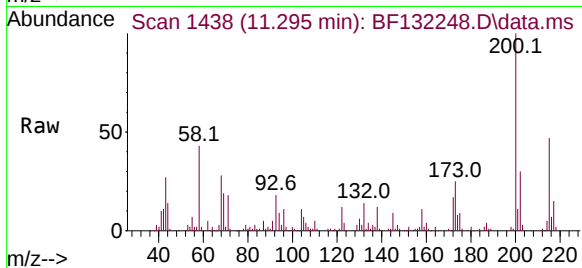
Tgt Ion:200 Resp: 52749

Ion	Ratio	Lower	Upper
200	100		
173	25.4	5.1	45.1
215	46.6	27.6	67.6

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 02/01/2023
Supervised By :Jagrut Upadhyay 02/01/2023



#70

Pentachlorophenol

Concen: 6.310 ng

RT: 11.413 min Scan# 1458

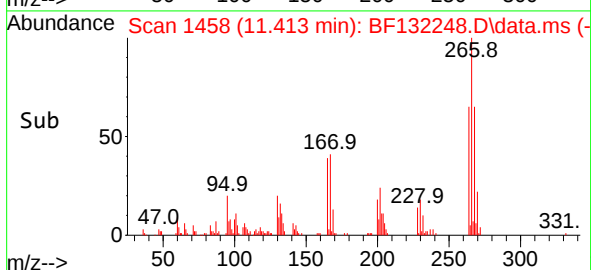
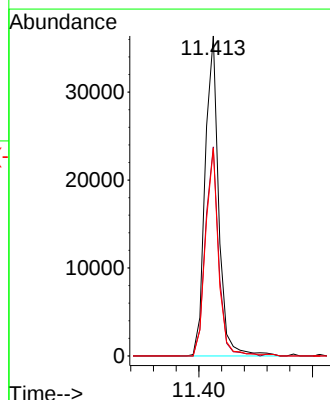
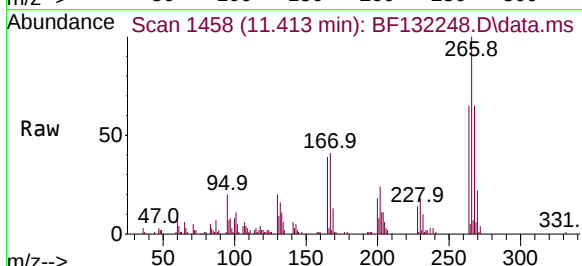
Delta R.T. -0.006 min

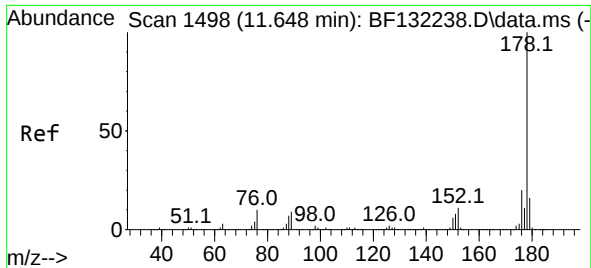
Lab File: BF132248.D

Acq: 01 Feb 2023 01:00

Tgt Ion:266 Resp: 30240

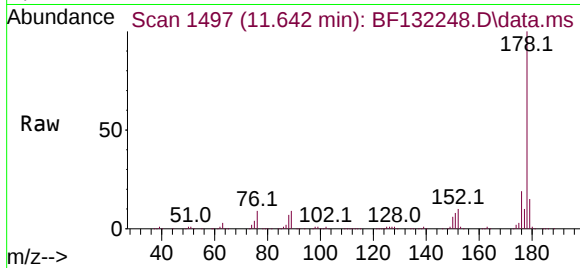
Ion	Ratio	Lower	Upper
266	100		
268	65.3	53.0	79.4
264	64.9	50.5	75.7





#71
Phenanthrene
Concen: 8.978 ng
RT: 11.642 min Scan# 1498
Delta R.T. -0.006 min
Lab File: BF132248.D
Acq: 01 Feb 2023 01:00

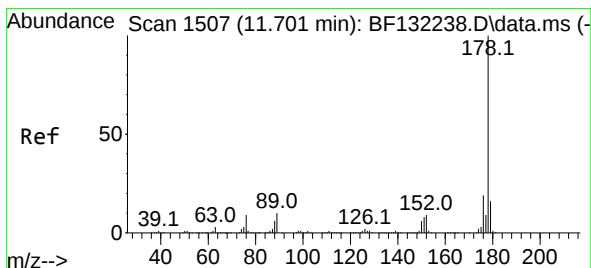
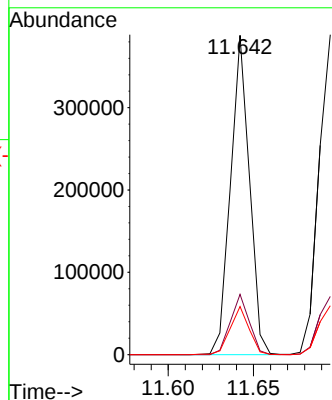
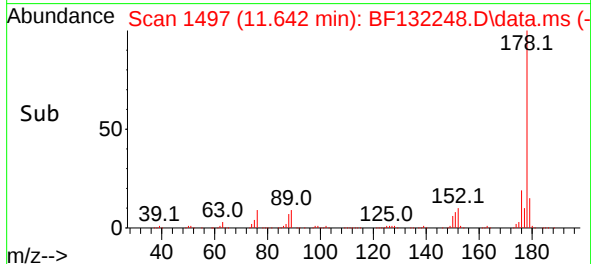
Instrument :
BNA_F
ClientSampleId :
MDL-WATER-03-QT3-2022



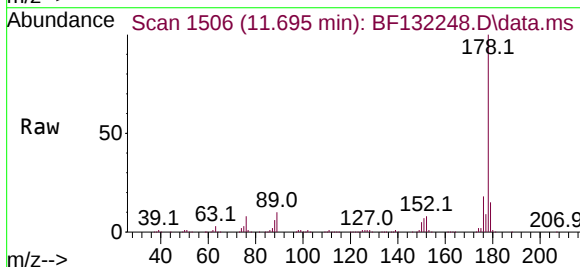
Tgt Ion:178 Resp: 298978
Ion Ratio Lower Upper
178 100
176 18.9 16.2 24.4
179 15.1 12.8 19.2

Manual Integrations
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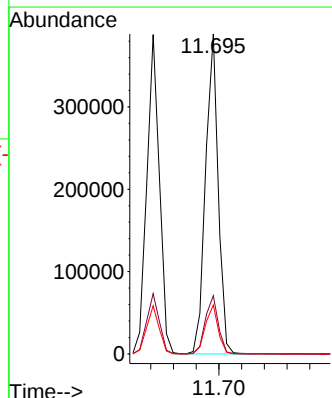
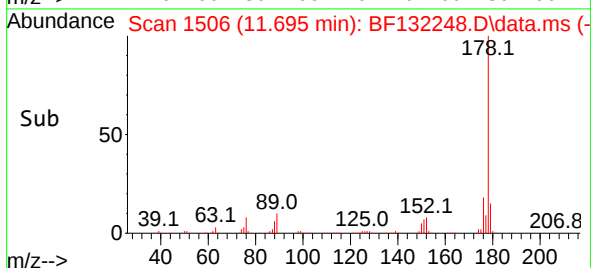
Reviewed By :Christian Giraldo 02/01/2023
Supervised By :Jagrut Upadhyay 02/01/2023

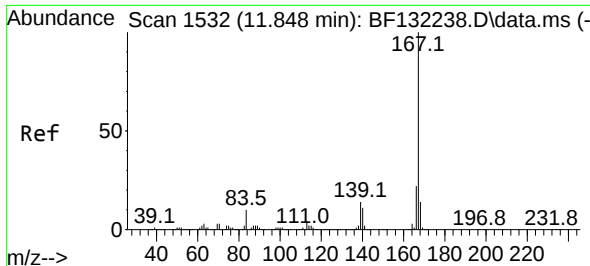


#72
Anthracene
Concen: 8.897 ng
RT: 11.695 min Scan# 1506
Delta R.T. -0.006 min
Lab File: BF132248.D
Acq: 01 Feb 2023 01:00



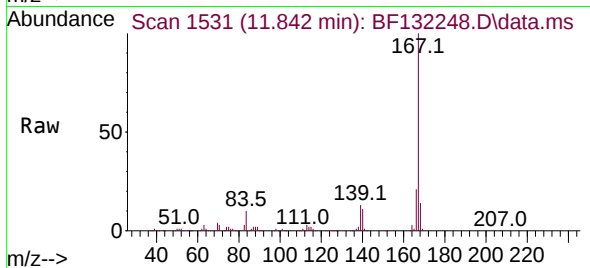
Tgt Ion:178 Resp: 301522
Ion Ratio Lower Upper
178 100
176 18.2 15.4 23.2
179 15.3 12.8 19.2





#73
Carbazole
Concen: 8.816 ng
RT: 11.842 min Scan# 1532
Delta R.T. -0.006 min
Lab File: BF132248.D
Acq: 01 Feb 2023 01:00

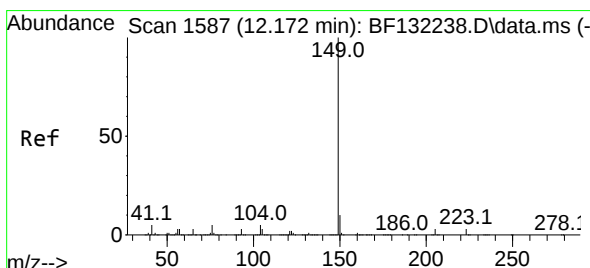
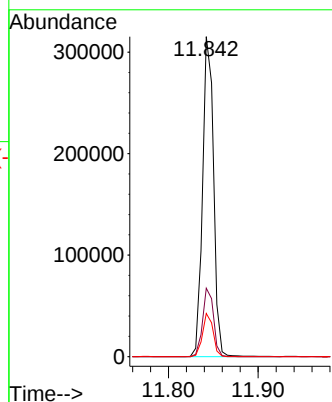
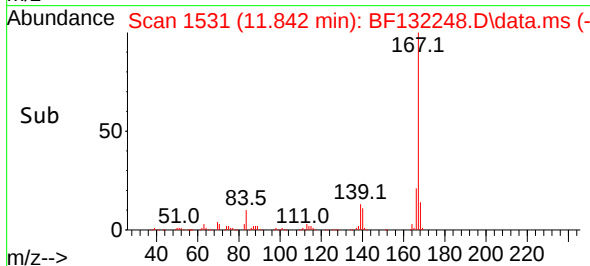
Instrument :
BNA_F
ClientSampleId :
MDL-WATER-03-QT3-2022



Tgt Ion:167 Resp: 267908
Ion Ratio Lower Upper
167 100
166 21.4 17.4 26.0
139 13.5 11.4 17.2

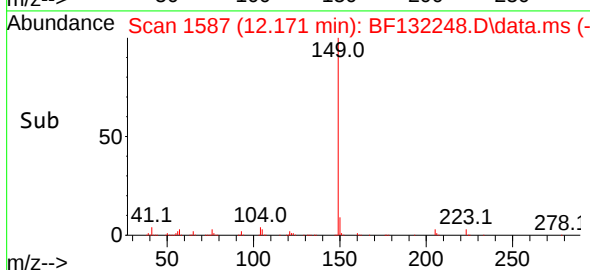
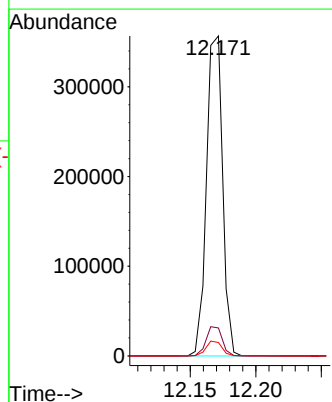
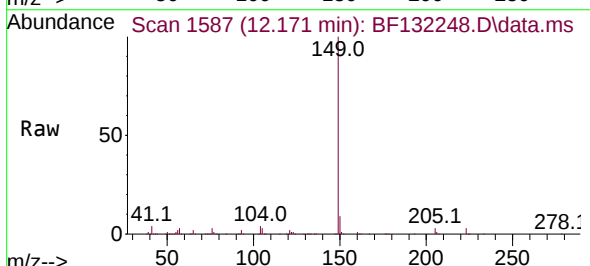
Manual Integrations
APPROVED

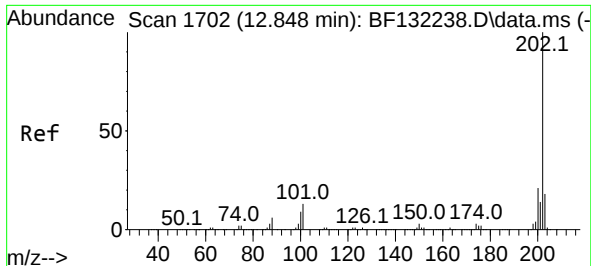
Reviewed By :Christian Giraldo 02/01/2023
Supervised By :Jagrut Upadhyay 02/01/2023



#74
Di-n-butylphthalate
Concen: 8.504 ng
RT: 12.171 min Scan# 1587
Delta R.T. -0.000 min
Lab File: BF132248.D
Acq: 01 Feb 2023 01:00

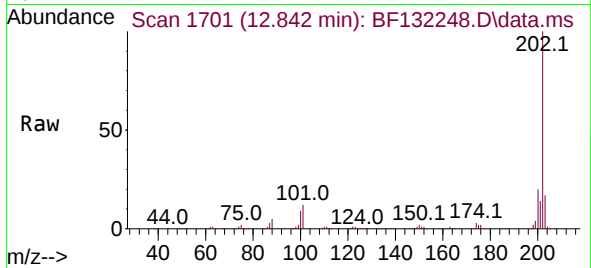
Tgt Ion:149 Resp: 305513
Ion Ratio Lower Upper
149 100
150 8.7 7.8 11.8
104 4.2 4.3 6.5





#75
Fluoranthene
Concen: 8.637 ng
RT: 12.842 min Scan# 1702
Delta R.T. -0.006 min
Lab File: BF132248.D
Acq: 01 Feb 2023 01:00

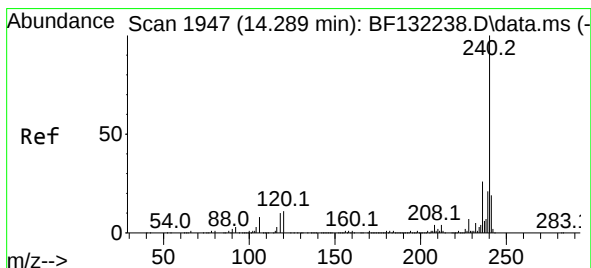
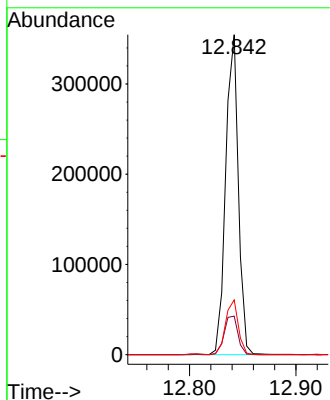
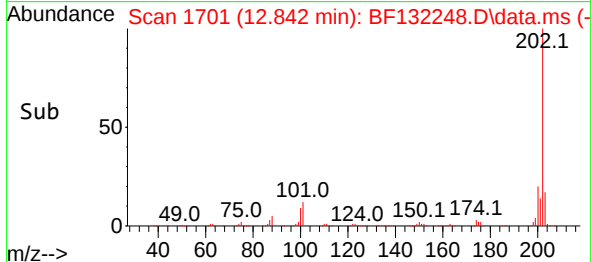
Instrument :
BNA_F
ClientSampleId :
MDL-WATER-03-QT3-2022



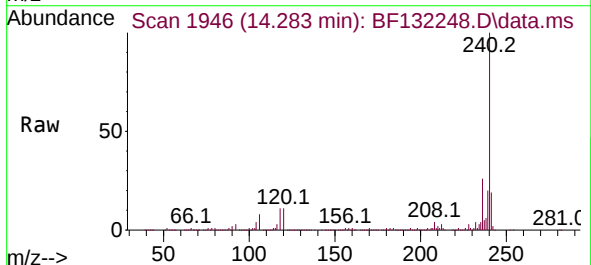
Tgt Ion:202 Resp: 293520
Ion Ratio Lower Upper
202 100
101 12.0 0.0 32.7
203 17.1 0.0 37.9

Manual Integrations
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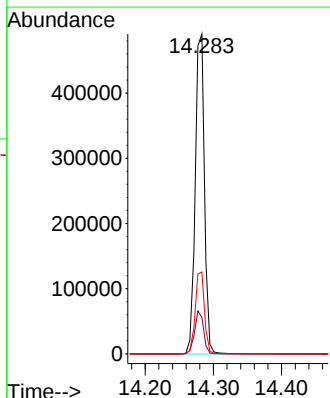
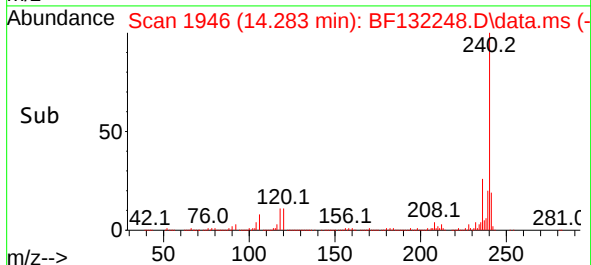
Reviewed By :Christian Giraldo 02/01/2023
Supervised By :Jagrut Upadhyay 02/01/2023

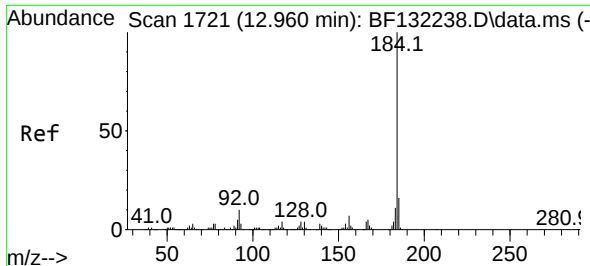


#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.283 min Scan# 1946
Delta R.T. -0.006 min
Lab File: BF132248.D
Acq: 01 Feb 2023 01:00



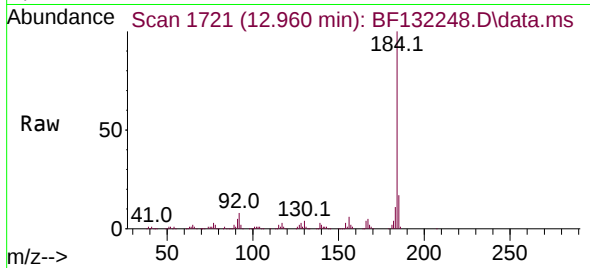
Tgt Ion:240 Resp: 461409
Ion Ratio Lower Upper
240 100
120 11.4 8.8 13.2
236 25.6 21.0 31.6





#77
Benzidine
Concen: 9.326 ng
RT: 12.960 min Scan# 1721
Delta R.T. -0.000 min
Lab File: BF132248.D
Acq: 01 Feb 2023 01:00

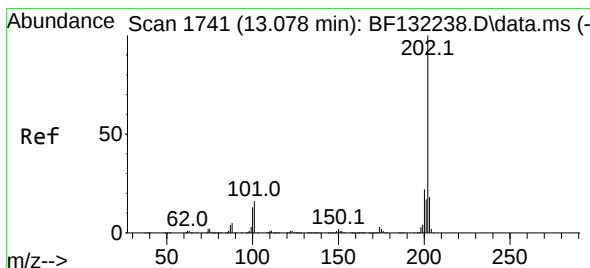
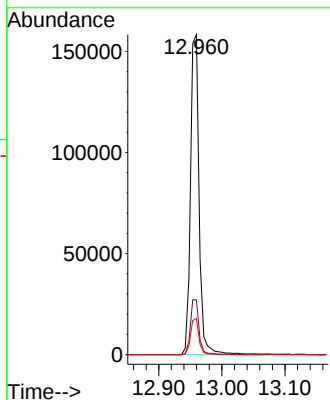
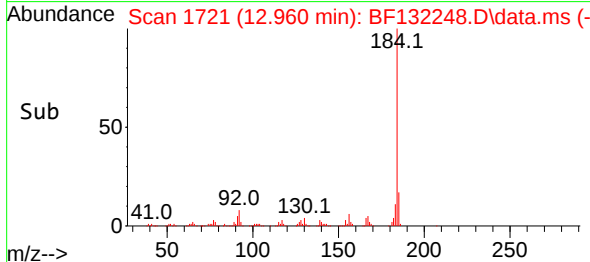
Instrument : BNA_F
ClientSampleId : MDL-WATER-03-QT3-2022



Tgt Ion:184 Resp: 150437
Ion Ratio Lower Upper
184 100
185 17.1 12.6 18.8
183 11.3 8.9 13.3

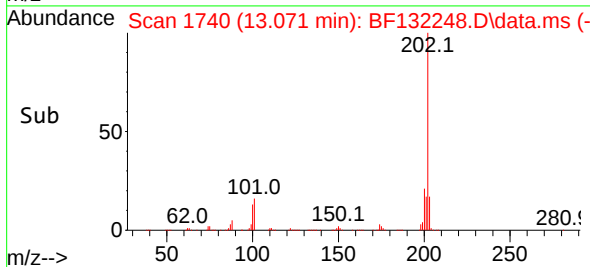
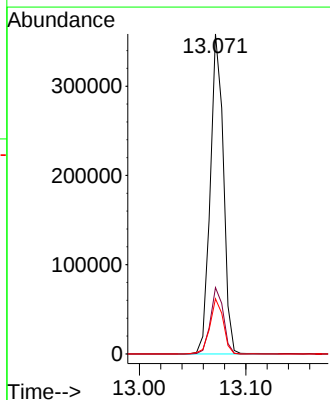
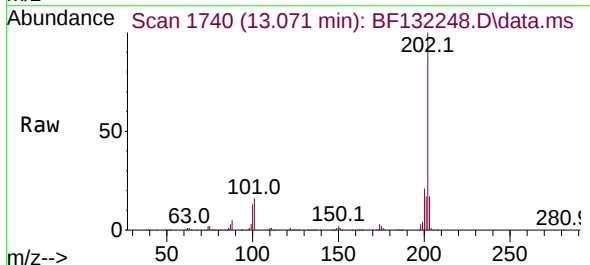
Manual Integrations
APPROVED

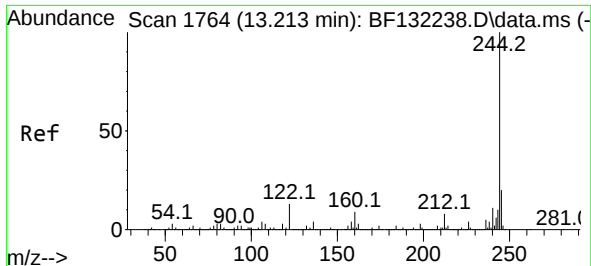
Reviewed By :Christian Giraldo 02/01/2023
Supervised By :Jagrut Upadhyay 02/01/2023



#78
Pyrene
Concen: 8.235 ng
RT: 13.071 min Scan# 1740
Delta R.T. -0.006 min
Lab File: BF132248.D
Acq: 01 Feb 2023 01:00

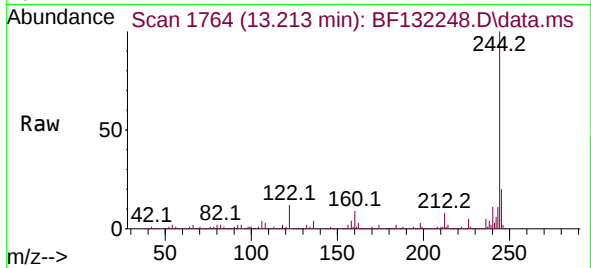
Tgt Ion:202 Resp: 305595
Ion Ratio Lower Upper
202 100
200 20.7 17.3 25.9
203 17.2 14.4 21.6





#79
 Terphenyl-d14
 Concen: 66.066 ng
 RT: 13.213 min Scan# 1764
 Delta R.T. -0.000 min
 Lab File: BF132248.D
 Acq: 01 Feb 2023 01:00

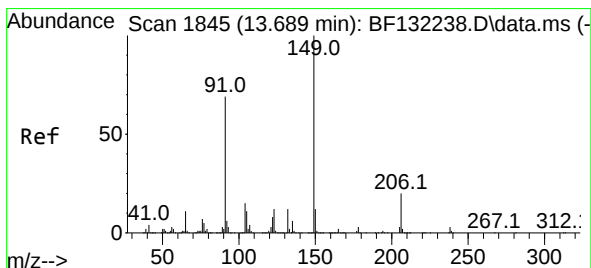
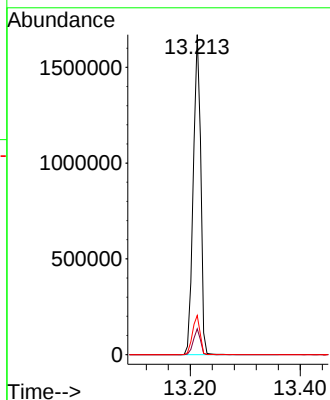
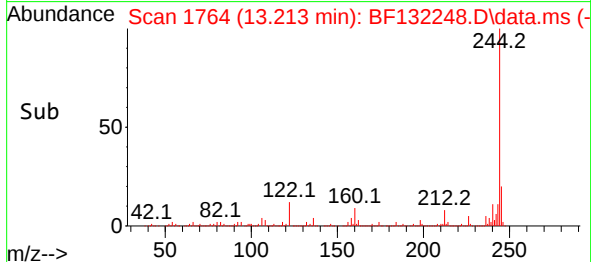
Instrument : BNA_F
 ClientSampleId : MDL-WATER-03-QT3-2022



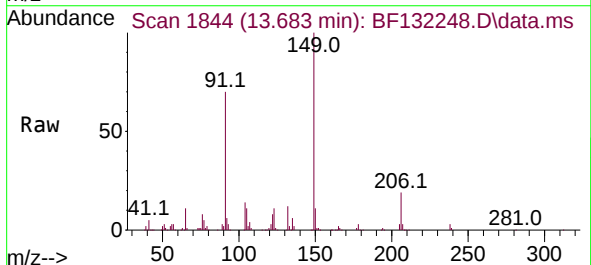
Tgt Ion:244 Resp: 1575853
 Ion Ratio Lower Upper
 244 100
 212 8.1 6.4 9.6
 122 12.2 10.5 15.7

Manual Integrations
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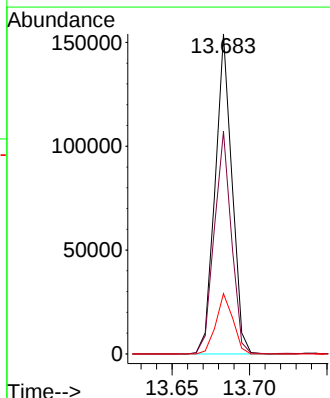
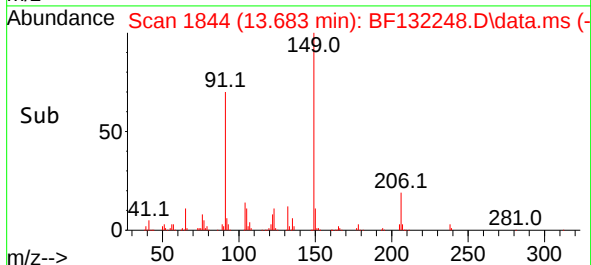
Reviewed By :Christian Giraldo 02/01/2023
 Supervised By :Jagrut Upadhyay 02/01/2023

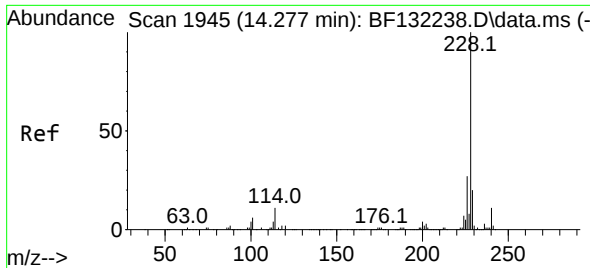


#80
 Butylbenzylphthalate
 Concen: 7.105 ng
 RT: 13.683 min Scan# 1844
 Delta R.T. -0.006 min
 Lab File: BF132248.D
 Acq: 01 Feb 2023 01:00



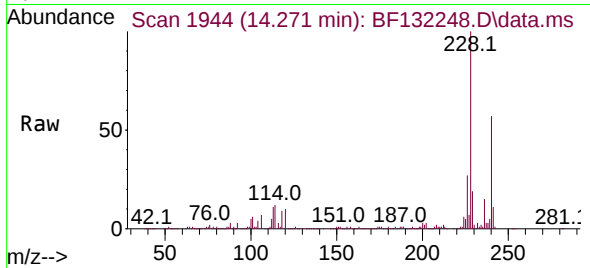
Tgt Ion:149 Resp: 116494
 Ion Ratio Lower Upper
 149 100
 91 69.5 55.0 82.6
 206 18.8 15.9 23.9





#81
Benzo(a)anthracene
Concen: 8.228 ng
RT: 14.271 min Scan# 1945
Delta R.T. -0.006 min
Lab File: BF132248.D
Acq: 01 Feb 2023 01:00

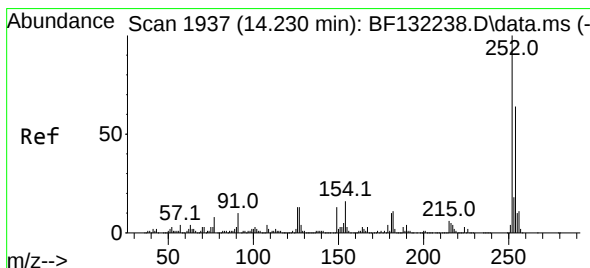
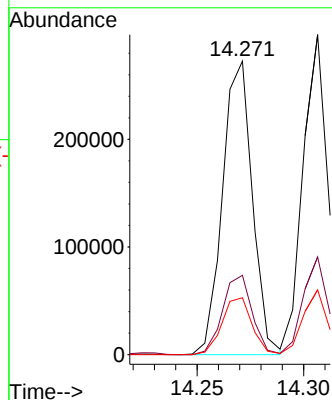
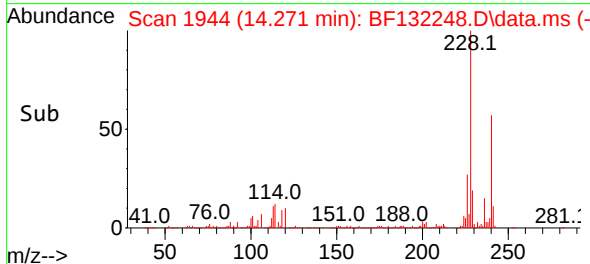
Instrument : BNA_F
ClientSampleId : MDL-WATER-03-QT3-2022



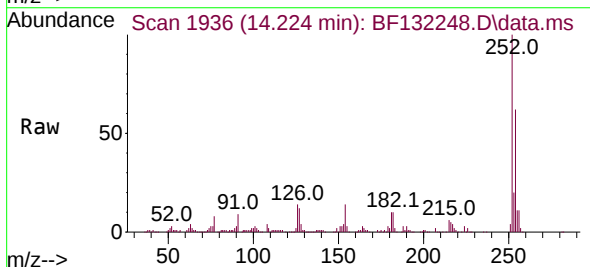
Tgt Ion:228 Resp: 265517
Ion Ratio Lower Upper
228 100
226 27.0 22.0 33.0
229 19.4 15.8 23.6

Manual Integrations
APPROVED

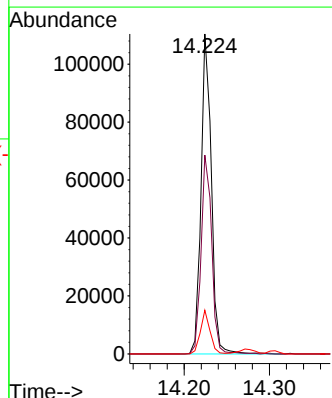
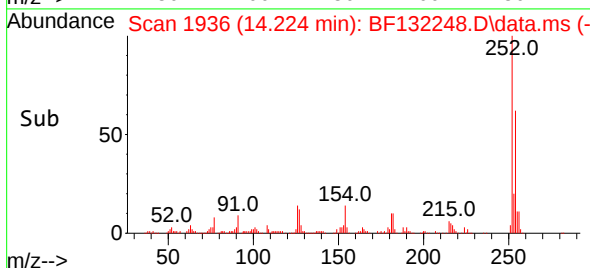
Reviewed By :Christian Giraldo 02/01/2023
Supervised By :Jagrut Upadhyay 02/01/2023

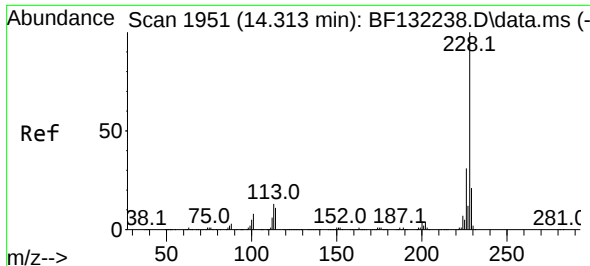


#82
3,3'-Dichlorobenzidine
Concen: 8.999 ng
RT: 14.224 min Scan# 1936
Delta R.T. -0.006 min
Lab File: BF132248.D
Acq: 01 Feb 2023 01:00



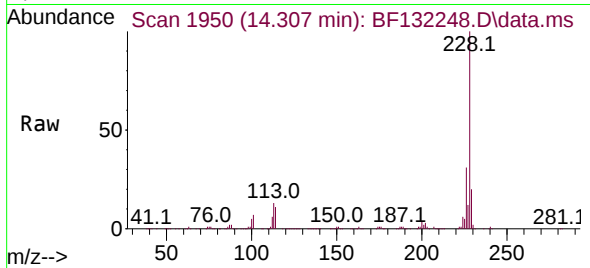
Tgt Ion:252 Resp: 92499
Ion Ratio Lower Upper
252 100
254 62.1 51.6 77.4
126 13.6 10.5 15.7





#83
Chrysene
Concen: 8.144 ng
RT: 14.307 min Scan# 1950
Delta R.T. -0.006 min
Lab File: BF132248.D
Acq: 01 Feb 2023 01:00

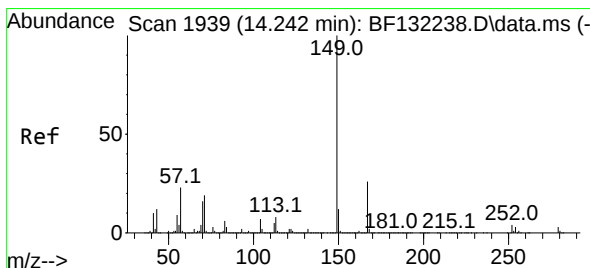
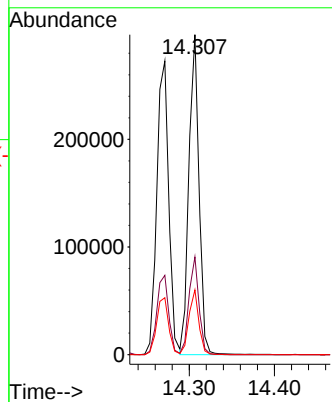
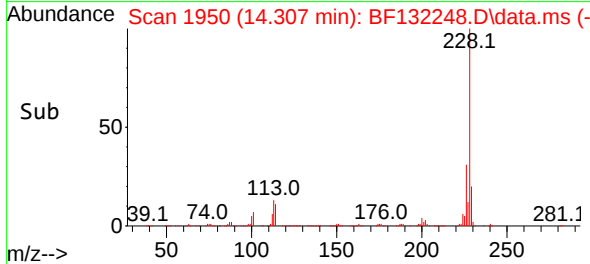
Instrument : BNA_F
ClientSampleId : MDL-WATER-03-QT3-2022



Tgt Ion:228 Resp: 246092
Ion Ratio Lower Upper
228 100
226 30.5 24.9 37.3
229 20.2 16.4 24.6

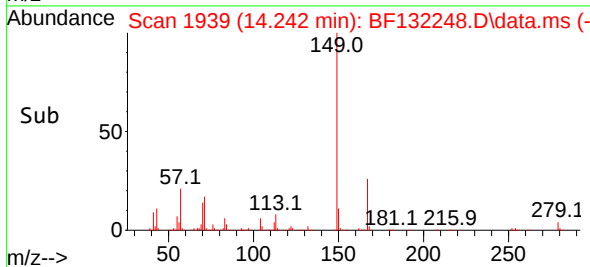
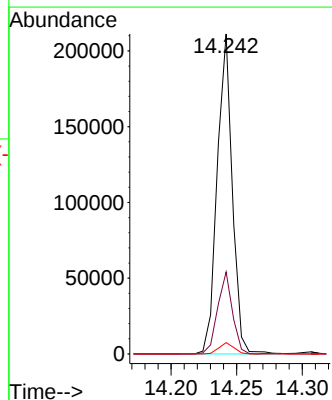
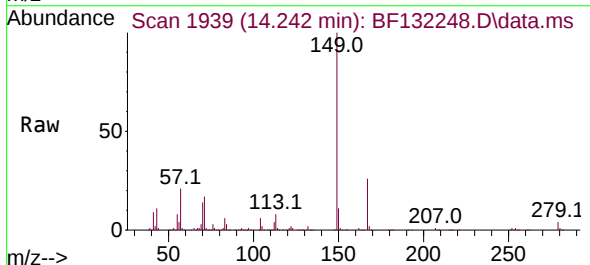
Manual Integrations
APPROVED

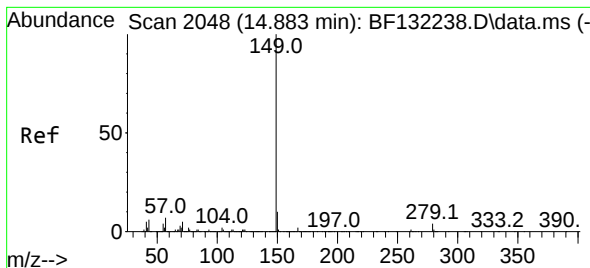
Reviewed By :Christian Giraldo 02/01/2023
Supervised By :Jagrut Upadhyay 02/01/2023



#84
Bis(2-ethylhexyl)phthalate
Concen: 7.638 ng
RT: 14.242 min Scan# 1939
Delta R.T. -0.000 min
Lab File: BF132248.D
Acq: 01 Feb 2023 01:00

Tgt Ion:149 Resp: 169285
Ion Ratio Lower Upper
149 100
167 25.6 20.7 31.1
279 3.5 2.7 4.1





#85

Di-n-octyl phthalate

Concen: 7.367 ng

RT: 14.877 min Scan# 2047

Delta R.T. -0.006 min

Lab File: BF132248.D

Acq: 01 Feb 2023 01:00

Instrument :

BNA_F

ClientSampleId :

MDL-WATER-03-QT3-2022

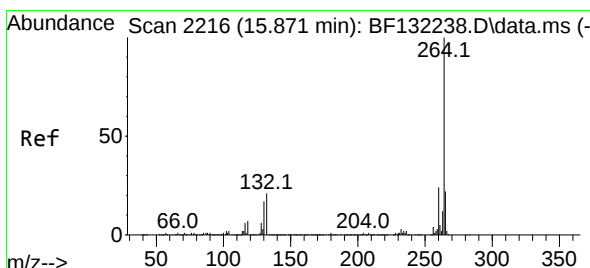
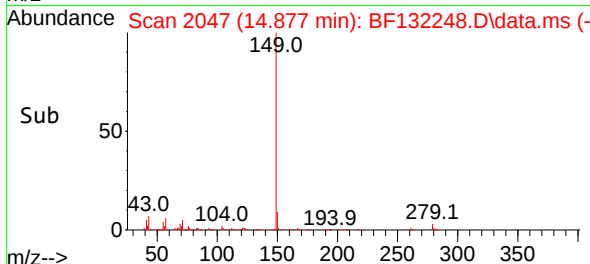
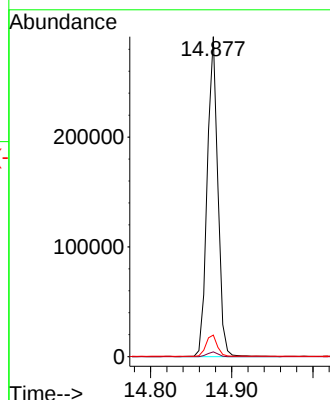
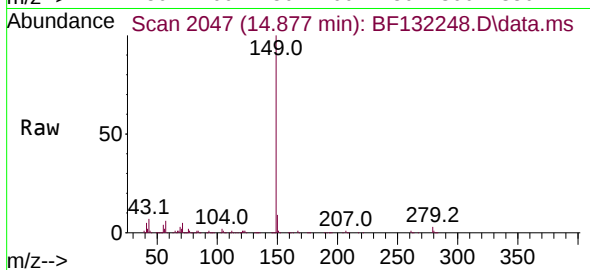
Tgt Ion:149 Resp: 266290
 Ion Ratio Lower Upper
 149 100
 167 1.4 1.2 1.8
 43 7.1 5.9 8.9

Manual Integrations

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Reviewed By :Christian Giraldo 02/01/2023

Supervised By :Jagrut Upadhyay 02/01/2023



#86

Perylene-d12

Concen: 20.000 ng

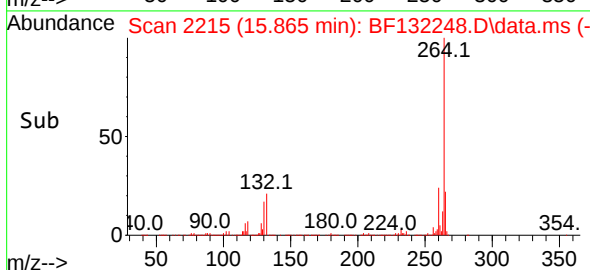
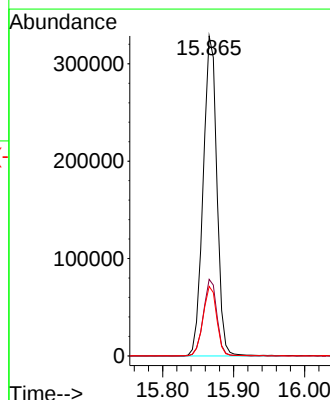
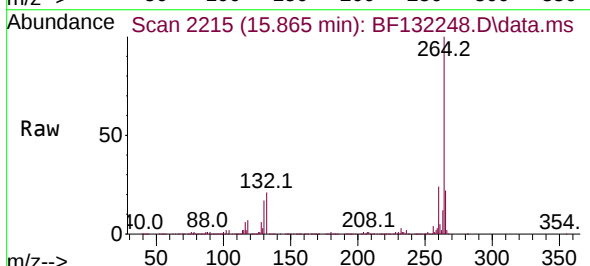
RT: 15.865 min Scan# 2215

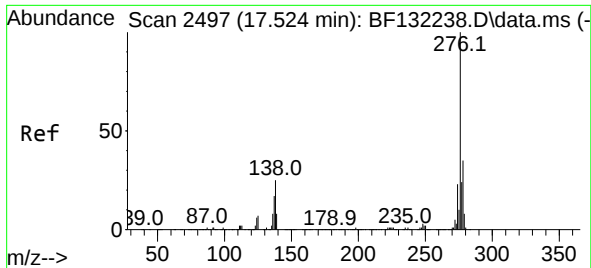
Delta R.T. -0.006 min

Lab File: BF132248.D

Acq: 01 Feb 2023 01:00

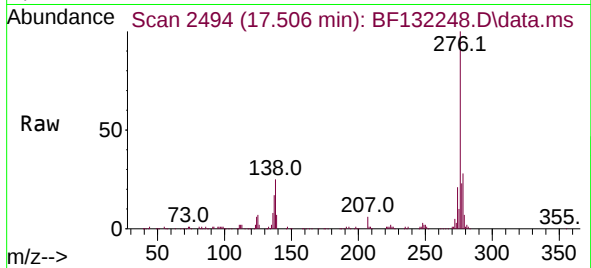
Tgt Ion:264 Resp: 438952
 Ion Ratio Lower Upper
 264 100
 260 23.9 19.0 28.4
 265 21.7 17.4 26.2





#87
Indeno(1,2,3-cd)pyrene
Concen: 6.990 ng
RT: 17.506 min Scan# 2497
Delta R.T. -0.018 min
Lab File: BF132248.D
Acq: 01 Feb 2023 01:00

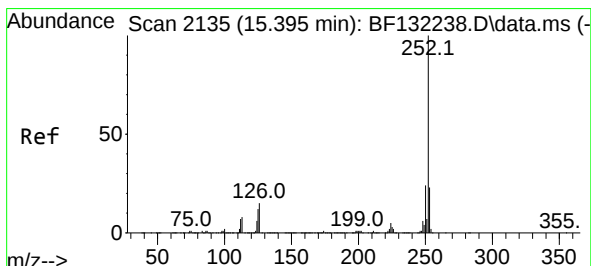
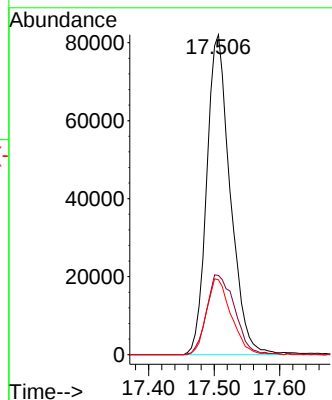
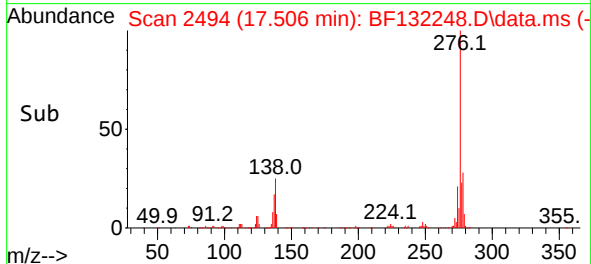
Instrument : BNA_F
ClientSampleId : MDL-WATER-03-QT3-2022



Tgt Ion: 276 Resp: 203863
Ion Ratio Lower Upper
276 100
138 29.9 23.3 34.9
277 25.1 20.0 30.0

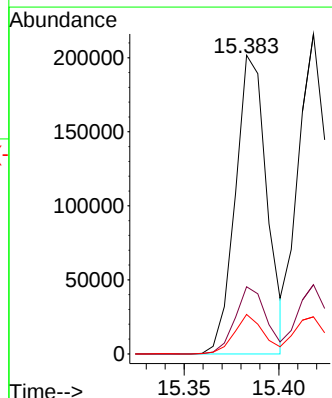
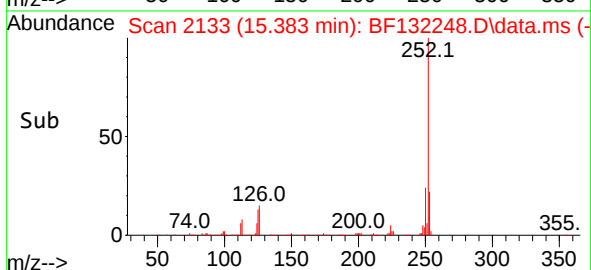
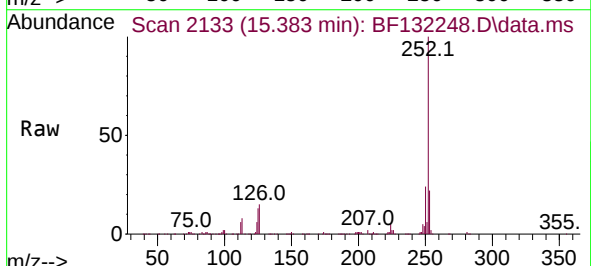
Manual Integrations
APPROVED

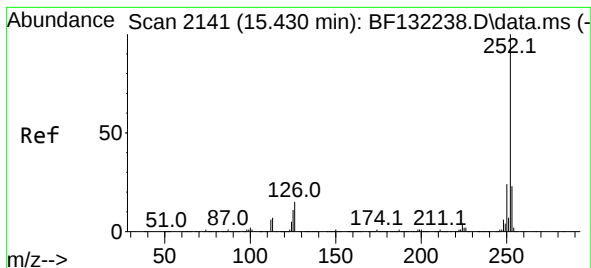
Reviewed By : Christian Giraldo 02/01/2023
Supervised By : Jagrut Upadhyay 02/01/2023



#88
Benzo(b)fluoranthene
Concen: 8.374 ng
RT: 15.383 min Scan# 2133
Delta R.T. -0.012 min
Lab File: BF132248.D
Acq: 01 Feb 2023 01:00

Tgt Ion: 252 Resp: 233657
Ion Ratio Lower Upper
252 100
253 22.5 18.1 27.1
125 13.2 9.6 14.4





#89

Benzo(k)fluoranthene

Concen: 8.802 ng

RT: 15.418 min Scan# 2141

Delta R.T. -0.012 min

Lab File: BF132248.D

Acq: 01 Feb 2023 01:00

Instrument :

BNA_F

ClientSampleId :

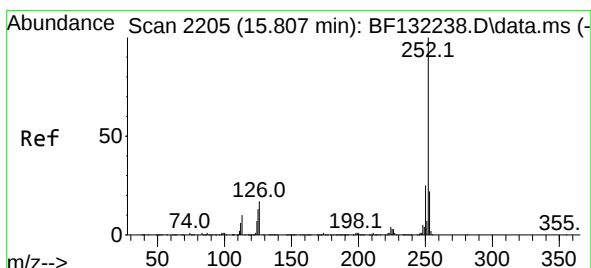
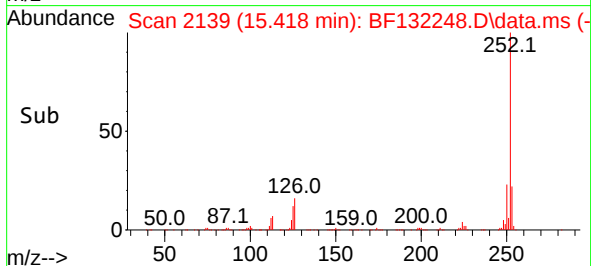
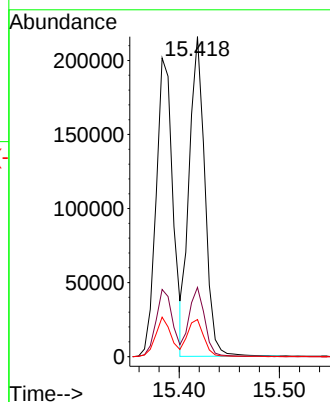
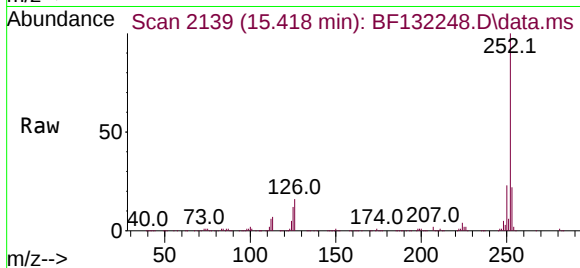
MDL-WATER-03-QT3-2022

Tgt Ion:252 Resp: 234412
 Ion Ratio Lower Upper
 252 100
 253 21.6 18.2 27.2
 125 11.6 9.0 13.6

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 02/01/2023
 Supervised By :Jagrut Upadhyay 02/01/2023



#90

Benzo(a)pyrene

Concen: 7.581 ng

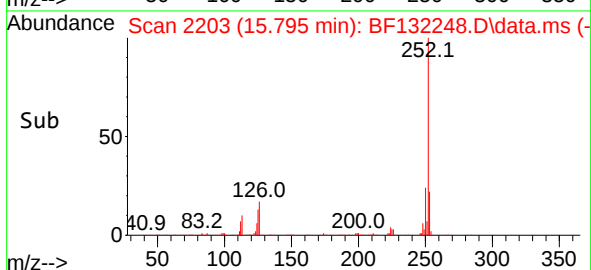
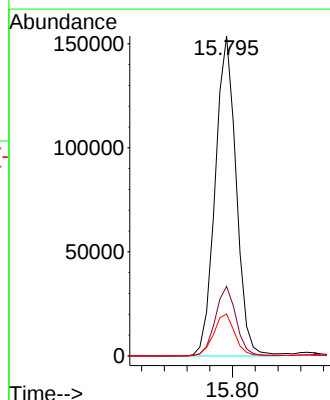
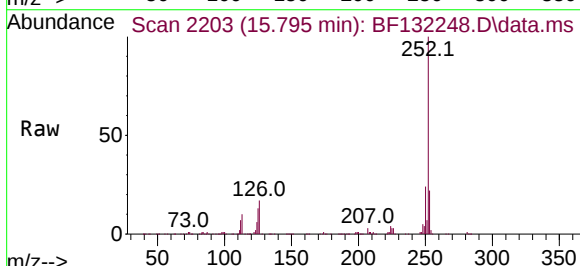
RT: 15.795 min Scan# 2203

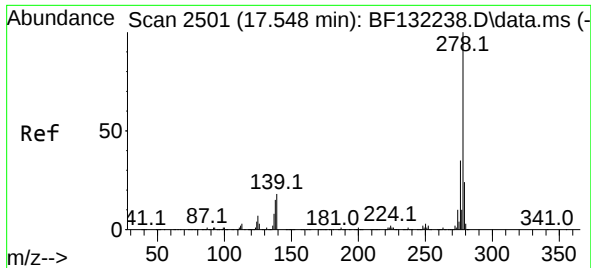
Delta R.T. -0.012 min

Lab File: BF132248.D

Acq: 01 Feb 2023 01:00

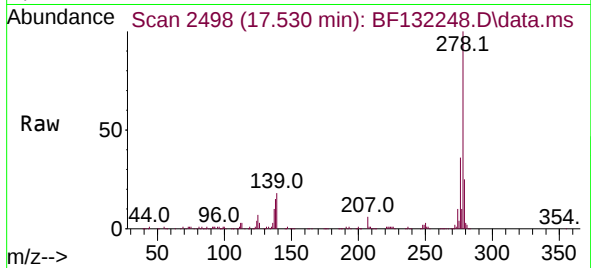
Tgt Ion:252 Resp: 196972
 Ion Ratio Lower Upper
 252 100
 253 21.7 17.8 26.8
 125 13.1 10.2 15.4





#91
Dibenzo(a,h)anthracene
Concen: 7.598 ng
RT: 17.530 min Scan# 2498
Delta R.T. -0.018 min
Lab File: BF132248.D
Acq: 01 Feb 2023 01:00

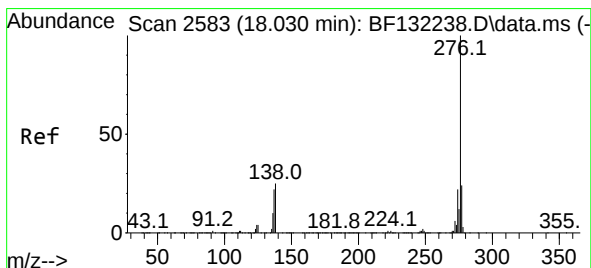
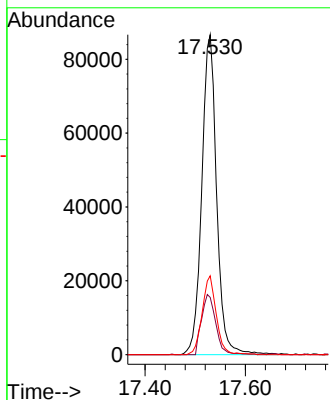
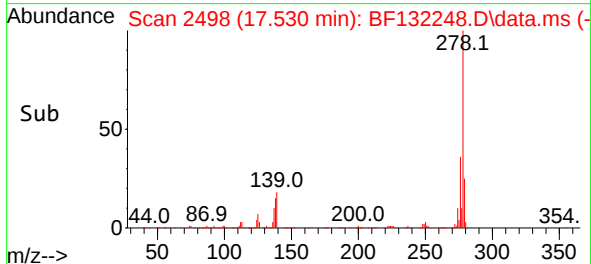
Instrument :
BNA_F
ClientSampleId :
MDL-WATER-03-QT3-2022



Tgt Ion:278 Resp: 178168
Ion Ratio Lower Upper
278 100
139 17.9 14.2 21.2
279 24.6 19.6 29.4

Manual Integrations
APPROVED

Reviewed By :Christian Giraldo 02/01/2023
Supervised By :Jagrut Upadhyay 02/01/2023



#92
Benzo(g,h,i)perylene
Concen: 7.253 ng
RT: 18.006 min Scan# 2579
Delta R.T. -0.024 min
Lab File: BF132248.D
Acq: 01 Feb 2023 01:00

Tgt Ion:276 Resp: 175716
Ion Ratio Lower Upper
276 100
277 23.4 19.4 29.2
138 24.8 20.3 30.5

