

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF012023\
 Data File : BF132159.D
 Acq On : 20 Jan 2023 13:37
 Operator : CG\JU
 Sample : N3980-08
 Misc : LOQ-WATER-5ppm
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 LOQ-WATER-02-QT3-2022

Quant Time: Jan 21 02:32:32 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF011923.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Sat Jan 21 02:30:07 2023
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By :Christian Giraldo 01/23/2023
 Supervised By :Jagrut Upadhyay 01/23/2023

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.089	152	184599	20.000	ng	0.00
21) Naphthalene-d8	8.378	136	634502	20.000	ng	0.00
39) Acenaphthene-d10	10.142	164	349966	20.000	ng	0.00
64) Phenanthrene-d10	11.642	188	690354	20.000	ng	0.00
76) Chrysene-d12	14.301	240	514471	20.000	ng	# 0.00
86) Perylene-d12	15.901	264	387637	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.707	112	1068696	101.132	ng	0.00
7) Phenol-d6	6.701	99	1386286	104.214	ng	0.00
23) Nitrobenzene-d5	7.654	82	888385	74.379	ng	0.00
42) 2,4,6-Tribromophenol	10.936	330	435210	116.423	ng	0.00
45) 2-Fluorobiphenyl	9.454	172	1502314	62.727	ng	0.00
79) Terphenyl-d14	13.236	244	1818489	59.210	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	3.025	88	27403	5.119	ng	96
3) Pyridine	3.819	79	66629	4.636	ng	97
4) n-Nitrosodimethylamine	3.725	42	33309	4.928	ng	92
6) Aniline	6.754	93	101858	5.528	ng	96
8) 2-Chlorophenol	6.872	128	66984	6.030	ng	95
9) Benzaldehyde	6.642	77	54828	6.407	ng	99
10) Phenol	6.713	94	78515	5.670	ng	97
11) bis(2-Chloroethyl)ether	6.819	93	67227	5.735	ng	98
12) 1,3-Dichlorobenzene	7.031	146	75403	6.073	ng	94
13) 1,4-Dichlorobenzene	7.107	146	77782	6.278	ng	97
14) 1,2-Dichlorobenzene	7.260	146	72457	6.325	ng	98
15) Benzyl Alcohol	7.219	79	47784	4.696	ng	95
16) 2,2'-oxybis(1-Chloropr...	7.354	45	100517	5.899	ng	98
17) 2-Methylphenol	7.319	107	52187	5.363	ng	96
18) Hexachloroethane	7.607	117	26879	6.044	ng	91
19) n-Nitroso-di-n-propyla...	7.484	70	47828	5.870	ng	98
20) 3+4-Methylphenols	7.472	107	67975	5.544	ng	94
22) Acetophenone	7.489	105	91180	5.979	ng	98
24) Nitrobenzene	7.666	77	74048	5.855	ng	98
25) Isophorone	7.901	82	132365	5.664	ng	99
26) 2-Nitrophenol	7.984	139	26292	6.536	ng	98
27) 2,4-Dimethylphenol	8.007	122	46897	4.638	ng	96
28) bis(2-Chloroethoxy)met...	8.107	93	84211	6.006	ng	99
29) 2,4-Dichlorophenol	8.219	162	56638	5.900	ng	98
30) 1,2,4-Trichlorobenzene	8.313	180	65396	5.997	ng	98
31) Naphthalene	8.395	128	199111	6.110	ng	99
32) Benzoic acid	8.048	122	17791	3.004	ng	# 85
33) 4-Chloroaniline	8.436	127	80718	5.788	ng	97
34) Hexachlorobutadiene	8.513	225	43371	5.921	ng	99
35) Caprolactam	8.760	113	13658	5.017	ng	96
36) 4-Chloro-3-methylphenol	8.901	107	53720	5.560	ng	97
37) 2-Methylnaphthalene	9.089	142	134108	5.977	ng	99
38) 1-Methylnaphthalene	9.189	142	126003	6.036	ng	97
40) 1,2,4,5-Tetrachloroben...	9.254	216	66681	5.476	ng	97
41) Hexachlorocyclopentadiene	9.242	237	29030	4.369	ng	99
43) 2,4,6-Trichlorophenol	9.360	196	37881	5.013	ng	99

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF012023\
 Data File : BF132159.D
 Acq On : 20 Jan 2023 13:37
 Operator : CG\JU
 Sample : N3980-08
 Misc : LOQ-WATER-5ppm
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 LOQ-WATER-02-QT3-2022

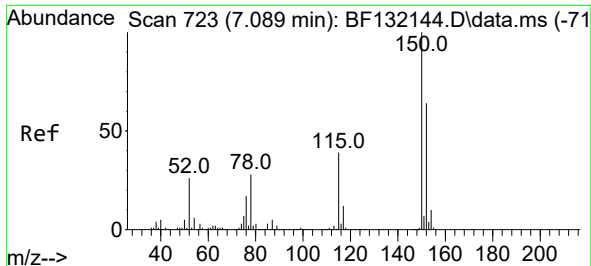
Quant Time: Jan 21 02:32:32 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF011923.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Sat Jan 21 02:30:07 2023
 Response via : Initial Calibration

Manual Integrations
 APPROVED

Reviewed By :Christian Giraldo 01/23/2023
 Supervised By :Jagrut Upadhyay 01/23/2023

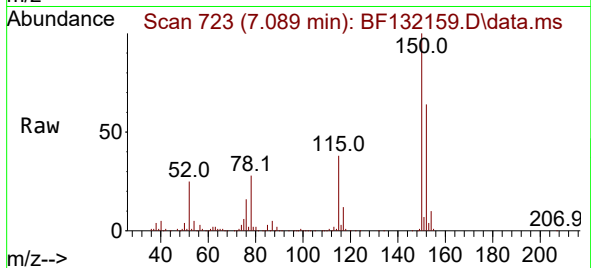
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.395	196	45453	5.143	ng	97
46) 1,1'-Biphenyl	9.554	154	160689	5.820	ng	99
47) 2-Chloronaphthalene	9.583	162	131047	6.140	ng	97
48) 2-Nitroaniline	9.672	65	31987	5.205	ng	94
49) Acenaphthylene	10.001	152	195610	5.729	ng	99
50) Dimethylphthalate	9.842	163	145388	5.736	ng	99
51) 2,6-Dinitrotoluene	9.907	165	28113	5.722	ng	93
52) Acenaphthene	10.172	154	121064	5.895	ng	99
53) 3-Nitroaniline	10.077	138	29731	5.660	ng	99
54) 2,4-Dinitrophenol	10.183	184	7501	3.960	ng	# 1
55) Dibenzofuran	10.348	168	191594	6.037	ng	96
56) 4-Nitrophenol	10.219	139	20038	5.242	ng	92
57) 2,4-Dinitrotoluene	10.313	165	32695	5.544	ng	90
58) Fluorene	10.689	166	150177	6.386	ng	98
59) 2,3,4,6-Tetrachlorophenol	10.454	232	37063	5.513	ng	99
60) Diethylphthalate	10.548	149	143312	5.766	ng	99
61) 4-Chlorophenyl-phenyle...	10.683	204	75546	5.999	ng	93
62) 4-Nitroaniline	10.689	138	27162	5.554	ng	94
63) Azobenzene	10.842	77	141266	5.663	ng	96
65) 4,6-Dinitro-2-methylph...	10.719	198	11882	3.970	ng	93
66) n-Nitrosodiphenylamine	10.795	169	124944	5.651	ng	99
67) 4-Bromophenyl-phenylether	11.177	248	46076	5.476	ng	# 91
68) Hexachlorobenzene	11.242	284	50482	6.036	ng	98
69) Atrazine	11.319	200	37582	5.509	ng	99
70) Pentachlorophenol	11.430	266	23098	4.298	ng	98
71) Phenanthrene	11.666	178	221612	6.117	ng	99
72) Anthracene	11.713	178	217821	5.943	ng	98
73) Carbazole	11.866	167	195905	6.258	ng	97
74) Di-n-butylphthalate	12.189	149	205477	5.896	ng	99
75) Fluoranthene	12.866	202	236310	6.350	ng	98
77) Benzidine	12.977	184	78846	5.104	ng	98
78) Pyrene	13.095	202	248706	5.245	ng	98
80) Butylbenzylphthalate	13.707	149	66362	4.830	ng	100
81) Benzo(a)anthracene	14.295	228	201074	5.471	ng	99
82) 3,3'-Dichlorobenzidine	14.248	252	46374	4.531	ng	98
83) Chrysene	14.330	228	194489	5.559	ng	98
84) Bis(2-ethylhexyl)phtha...	14.265	149	86544	4.770	ng	99
85) Di-n-octyl phthalate	14.907	149	93624	8.694	ng	99
87) Indeno(1,2,3-cd)pyrene	17.553	276	111752	3.973	ng	98
88) Benzo(b)fluoranthene	15.418	252	136759	5.794	ng	98
89) Benzo(k)fluoranthene	15.448	252	144582m	6.007	ng	
90) Benzo(a)pyrene	15.830	252	108171	4.764	ng	98
91) Dibenzo(a,h)anthracene	17.577	278	97906	4.268	ng	97
92) Benzo(g,h,i)perylene	18.059	276	101632	4.210	ng	99

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



#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.089 min Scan# 71
Delta R.T. 0.000 min
Lab File: BF132159.D
Acq: 20 Jan 2023 13:37

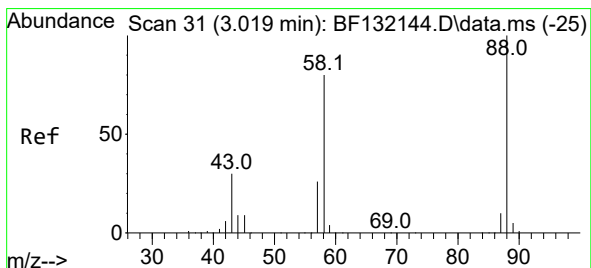
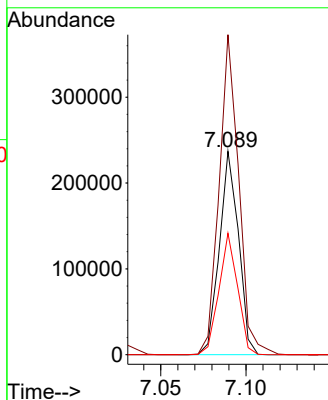
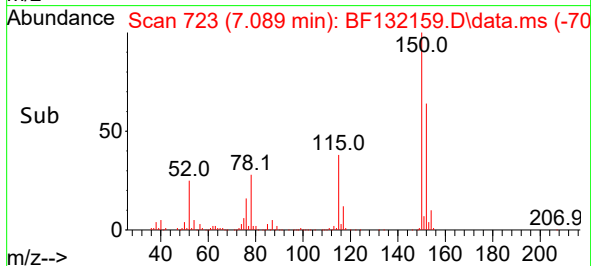
Instrument :
BNA_F
ClientSampleId :
LOQ-WATER-02-QT3-2022



Tgt Ion:152 Resp: 18459
Ion Ratio Lower Upper
152 100
150 157.4 125.8 188.8
115 59.8 49.2 73.8

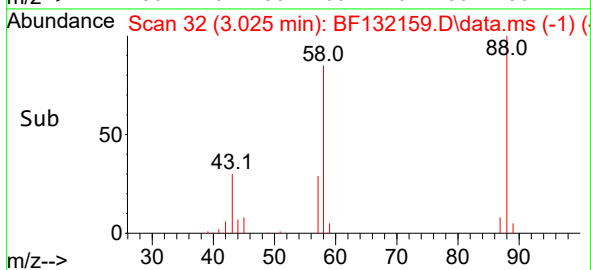
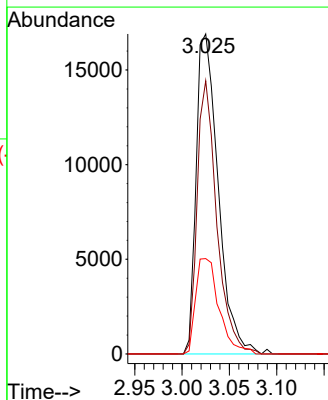
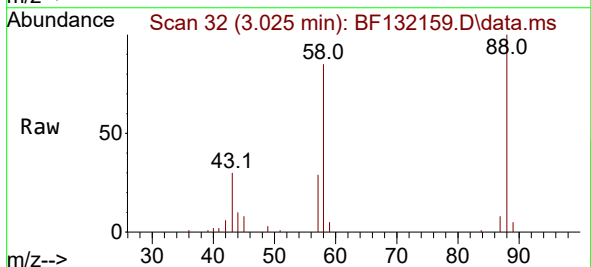
Manual Integrations
APPROVED

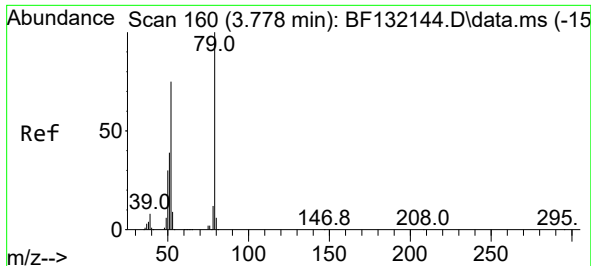
Reviewed By :Christian Giraldo 01/23/2023
Supervised By :Jagrut Upadhyay 01/23/2023



#2
1,4-Dioxane
Concen: 5.119 ng
RT: 3.025 min Scan# 32
Delta R.T. 0.006 min
Lab File: BF132159.D
Acq: 20 Jan 2023 13:37

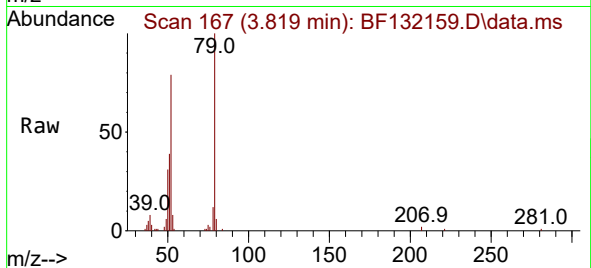
Tgt Ion: 88 Resp: 27403
Ion Ratio Lower Upper
88 100
58 75.9 64.0 96.0
43 31.6 24.2 36.4





#3
Pyridine
Concen: 4.636 ng
RT: 3.819 min Scan# 1
Delta R.T. 0.041 min
Lab File: BF132159.D
Acq: 20 Jan 2023 13:37

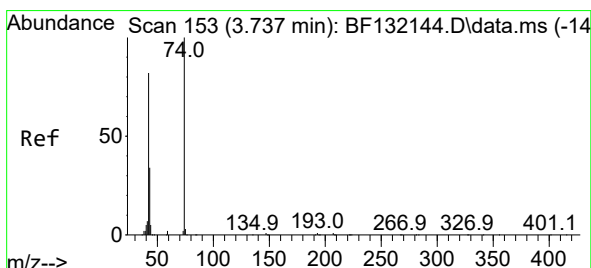
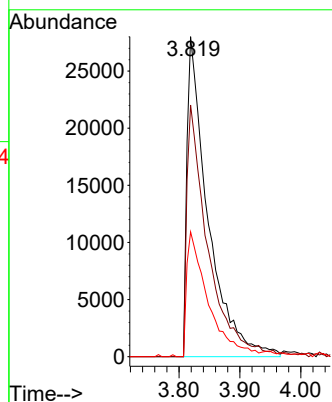
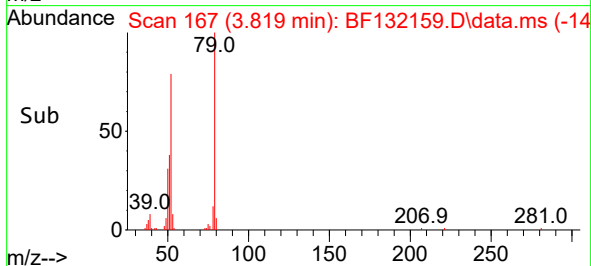
Instrument :
BNA_F
ClientSampleId :
LOQ-WATER-02-QT3-2022



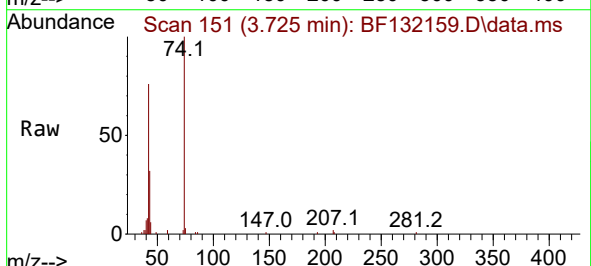
Tgt Ion: 79 Resp: 66629
Ion Ratio Lower Upper
79 100
52 78.6 60.1 90.1
51 39.0 31.4 47.0

Manual Integrations
APPROVED

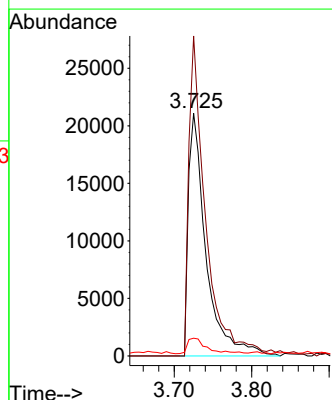
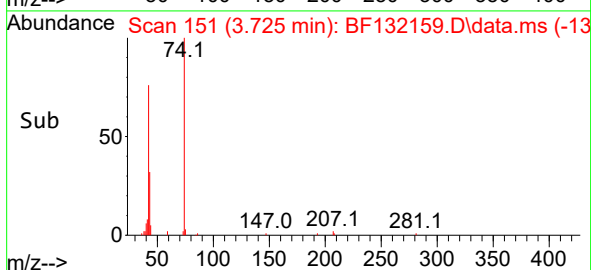
Reviewed By :Christian Giraldo 01/23/2023
Supervised By :Jagrut Upadhyay 01/23/2023

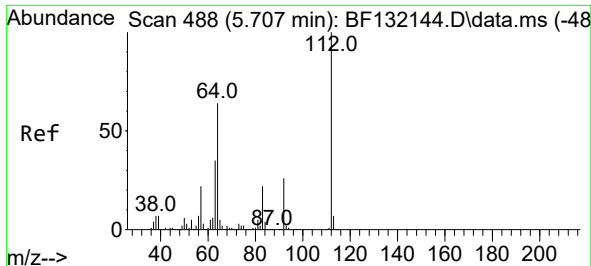


#4
n-Nitrosodimethylamine
Concen: 4.928 ng
RT: 3.725 min Scan# 151
Delta R.T. -0.012 min
Lab File: BF132159.D
Acq: 20 Jan 2023 13:37



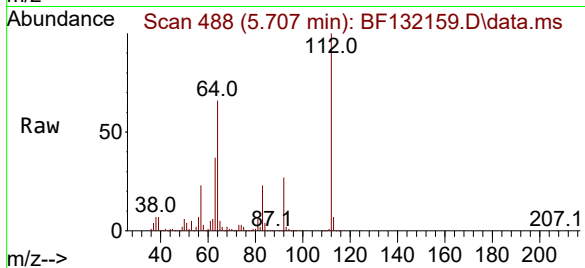
Tgt Ion: 42 Resp: 33309
Ion Ratio Lower Upper
42 100
74 131.8 98.1 147.1
44 7.3 5.2 7.8





#5
2-Fluorophenol
Concen: 101.132 ng
RT: 5.707 min Scan# 488
Delta R.T. -0.000 min
Lab File: BF132159.D
Acq: 20 Jan 2023 13:37

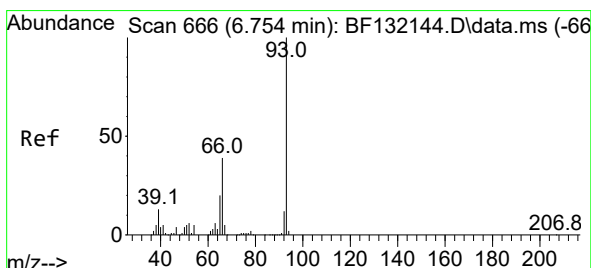
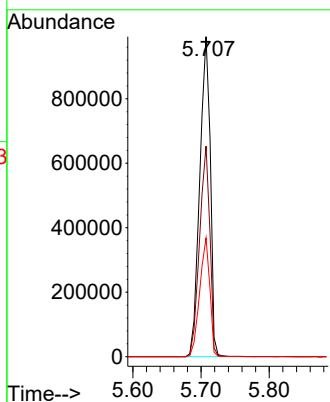
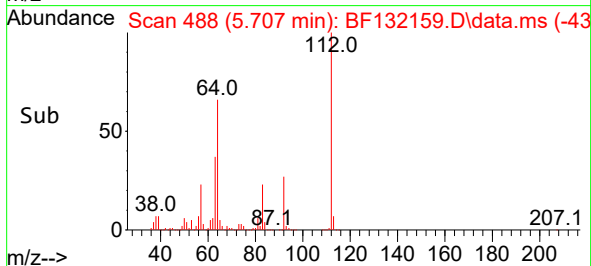
Instrument :
BNA_F
ClientSampleId :
LOQ-WATER-02-QT3-2022



Tgt Ion: 112 Resp: 1068690
Ion Ratio Lower Upper
112 100
64 65.8 51.4 77.0
63 37.1 28.2 42.2

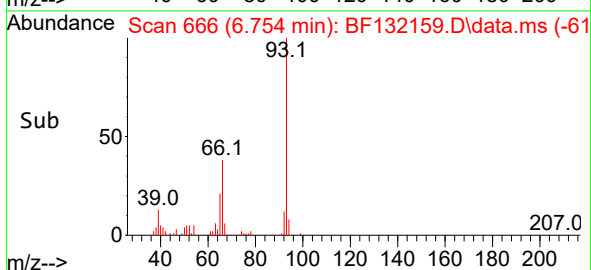
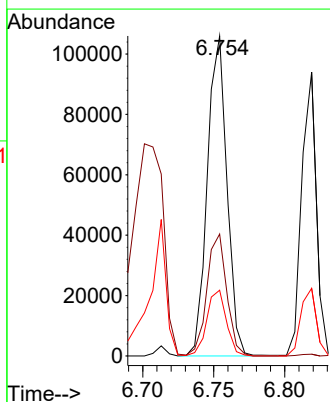
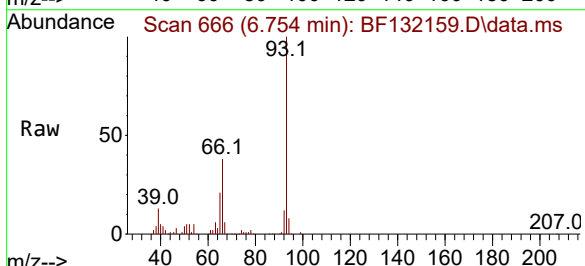
Manual Integrations
APPROVED

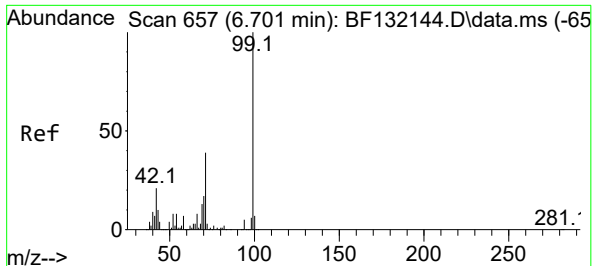
Reviewed By :Christian Giraldo 01/23/2023
Supervised By :Jagrut Upadhyay 01/23/2023



#6
Aniline
Concen: 5.528 ng
RT: 6.754 min Scan# 666
Delta R.T. -0.000 min
Lab File: BF132159.D
Acq: 20 Jan 2023 13:37

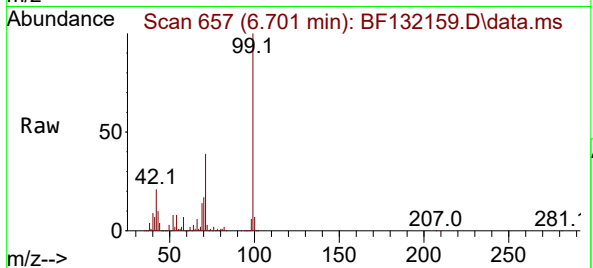
Tgt Ion: 93 Resp: 101858
Ion Ratio Lower Upper
93 100
66 38.1 33.0 49.6
65 20.5 16.8 25.2





#7
Phenol-d6
Concen: 104.214 ng
RT: 6.701 min Scan# 657
Delta R.T. -0.000 min
Lab File: BF132159.D
Acq: 20 Jan 2023 13:37

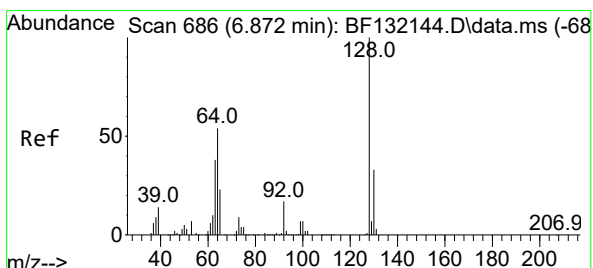
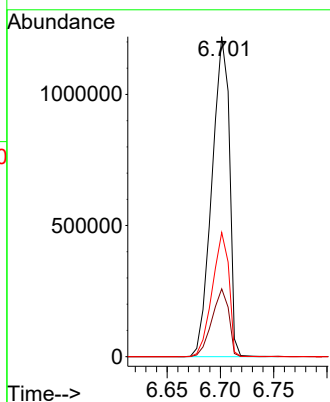
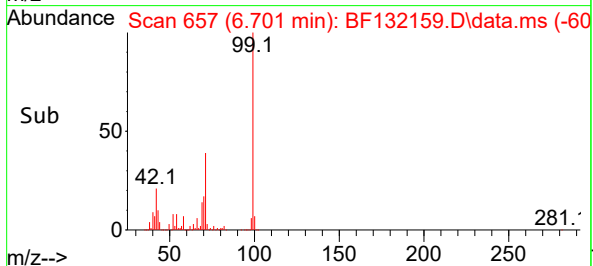
Instrument :
BNA_F
ClientSampleId :
LOQ-WATER-02-QT3-2022



Tgt Ion: 99 Resp: 1386280
Ion Ratio Lower Upper
99 100
42 21.2 16.6 24.8
71 38.8 30.8 46.2

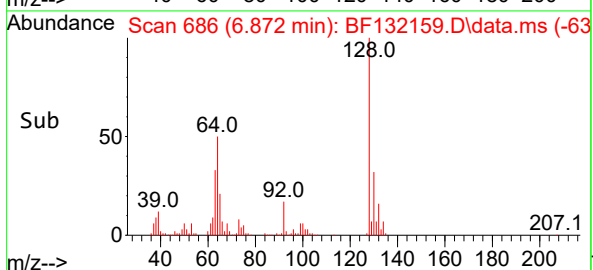
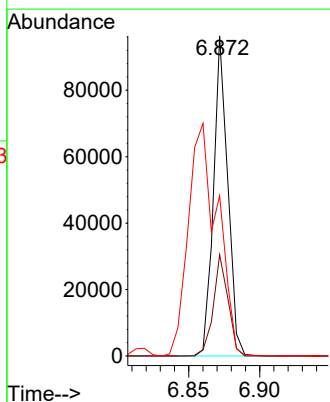
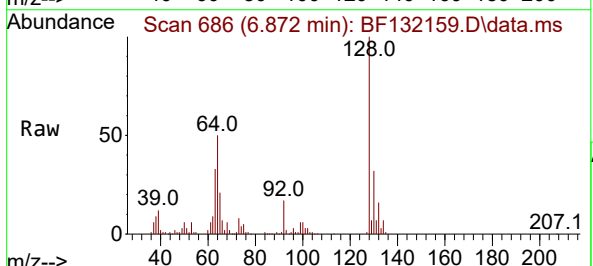
Manual Integrations
APPROVED

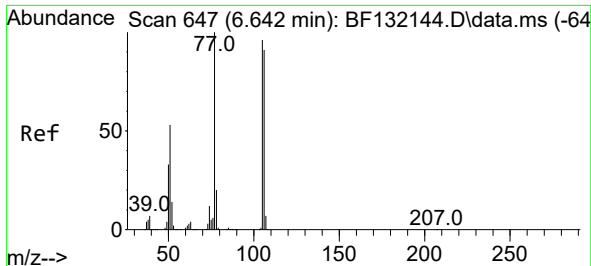
Reviewed By :Christian Giraldo 01/23/2023
Supervised By :Jagrut Upadhyay 01/23/2023



#8
2-Chlorophenol
Concen: 6.030 ng
RT: 6.872 min Scan# 686
Delta R.T. -0.000 min
Lab File: BF132159.D
Acq: 20 Jan 2023 13:37

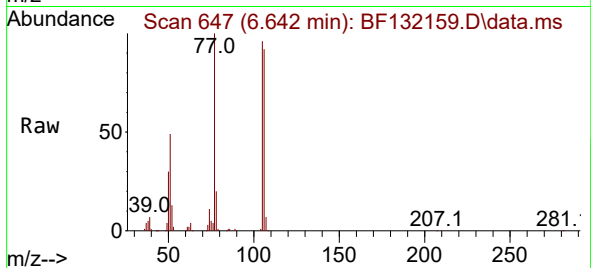
Tgt Ion:128 Resp: 66984
Ion Ratio Lower Upper
128 100
130 31.6 12.8 52.8
64 50.1 34.8 74.8





#9
Benzaldehyde
Concen: 6.407 ng
RT: 6.642 min Scan# 647
Delta R.T. 0.000 min
Lab File: BF132159.D
Acq: 20 Jan 2023 13:37

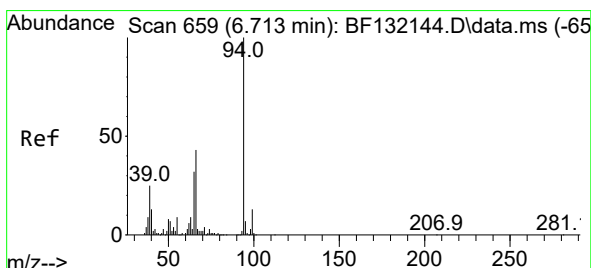
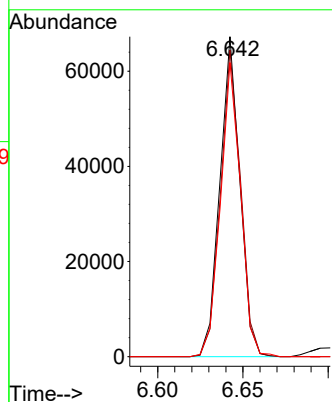
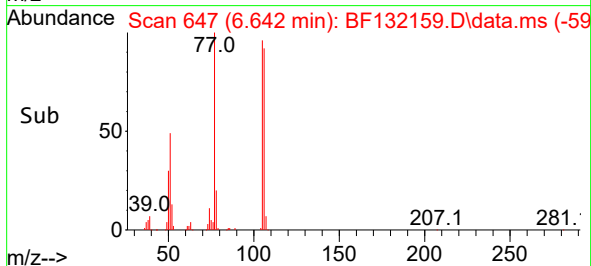
Instrument :
BNA_F
ClientSampleId :
LOQ-WATER-02-QT3-2022



Tgt Ion: 77 Resp: 54828
Ion Ratio Lower Upper
77 100
105 95.8 75.5 115.5
106 91.9 70.7 110.7

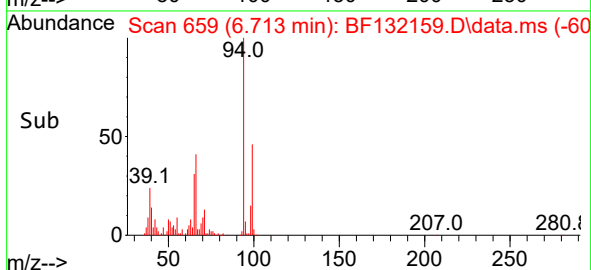
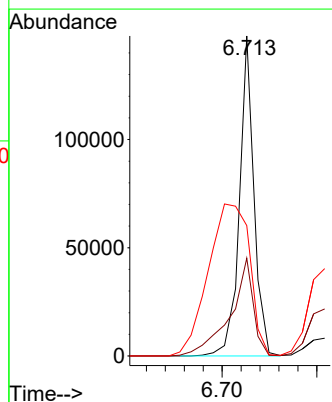
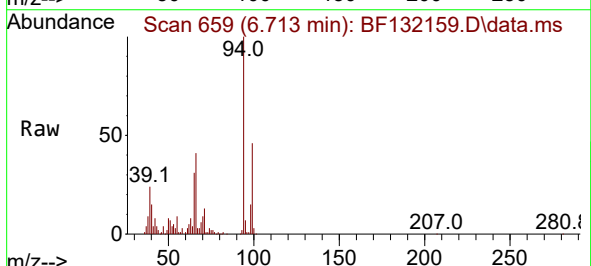
Manual Integrations
APPROVED

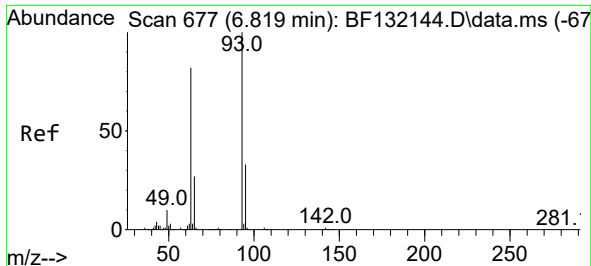
Reviewed By :Christian Giraldo 01/23/2023
Supervised By :Jagrut Upadhyay 01/23/2023



#10
Phenol
Concen: 5.670 ng
RT: 6.713 min Scan# 659
Delta R.T. 0.000 min
Lab File: BF132159.D
Acq: 20 Jan 2023 13:37

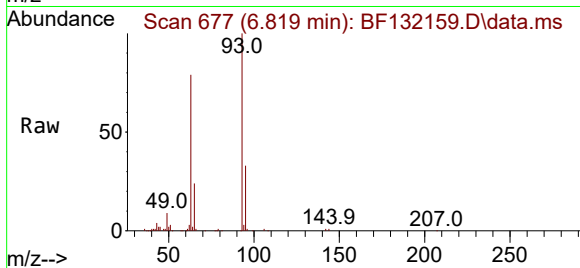
Tgt Ion: 94 Resp: 78515
Ion Ratio Lower Upper
94 100
65 30.6 12.0 52.0
66 40.7 22.7 62.7





#11
bis(2-Chloroethyl)ether
Concen: 5.735 ng
RT: 6.819 min Scan# 677
Delta R.T. -0.000 min
Lab File: BF132159.D
Acq: 20 Jan 2023 13:37

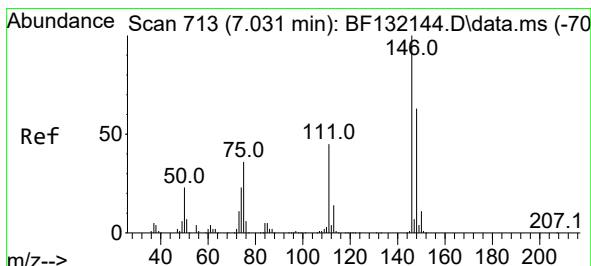
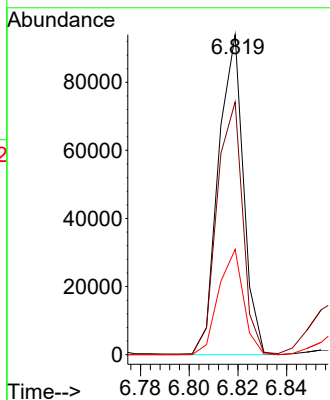
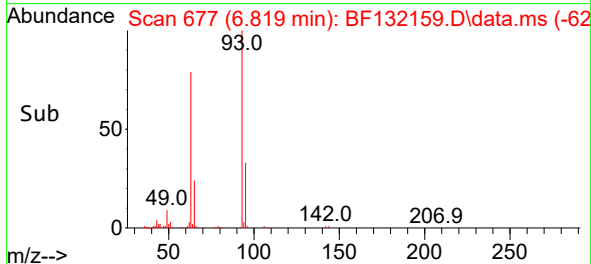
Instrument :
BNA_F
ClientSampleId :
LOQ-WATER-02-QT3-2022



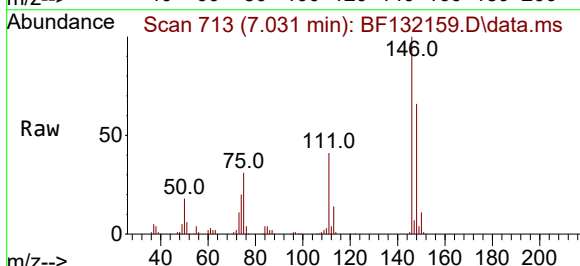
Tgt Ion: 93 Resp: 6722
Ion Ratio Lower Upper
93 100
63 79.0 61.6 101.6
95 32.9 12.7 52.7

Manual Integrations
APPROVED

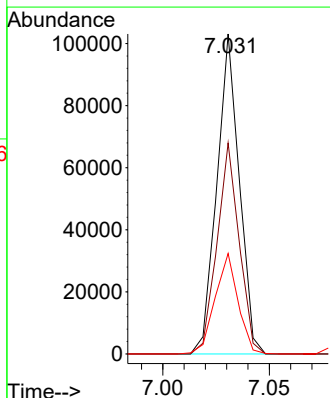
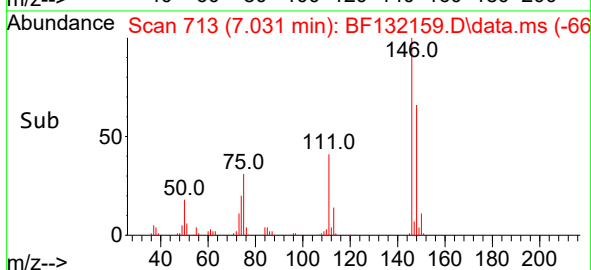
Reviewed By :Christian Giraldo 01/23/2023
Supervised By :Jagrut Upadhyay 01/23/2023

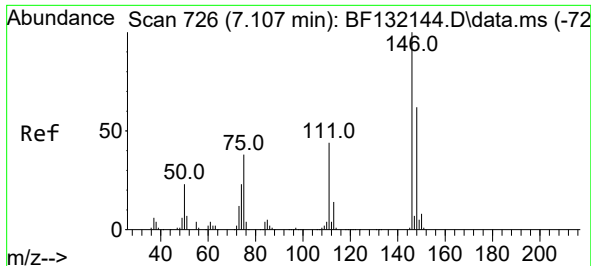


#12
1,3-Dichlorobenzene
Concen: 6.073 ng
RT: 7.031 min Scan# 713
Delta R.T. -0.000 min
Lab File: BF132159.D
Acq: 20 Jan 2023 13:37



Tgt Ion:146 Resp: 75403
Ion Ratio Lower Upper
146 100
148 66.0 50.0 75.0
75 31.4 28.8 43.2





#13

1,4-Dichlorobenzene

Concen: 6.278 ng

RT: 7.107 min Scan# 71

Delta R.T. -0.000 min

Lab File: BF132159.D

Acq: 20 Jan 2023 13:37

Instrument :

BNA_F

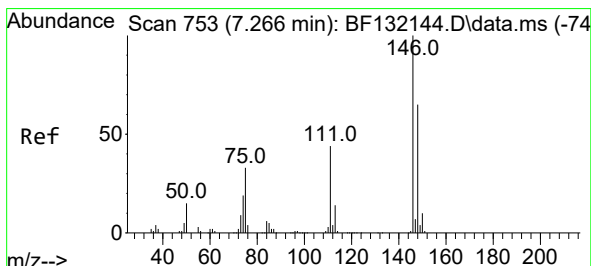
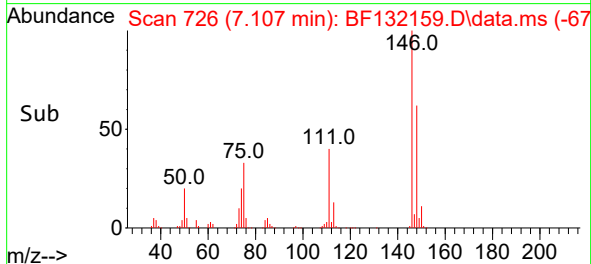
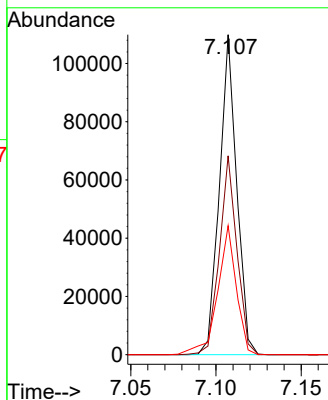
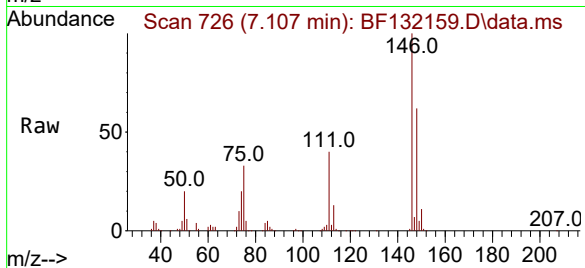
ClientSampleId :

LOQ-WATER-02-QT3-2022

Tgt Ion:146 Resp: 7778
 Ion Ratio Lower Upper
 146 100
 148 62.1 49.9 74.9
 111 40.3 35.2 52.8

Manual Integrations
 APPROVED

Reviewed By :Christian Giraldo 01/23/2023
 Supervised By :Jagrut Upadhyay 01/23/2023



#14

1,2-Dichlorobenzene

Concen: 6.325 ng

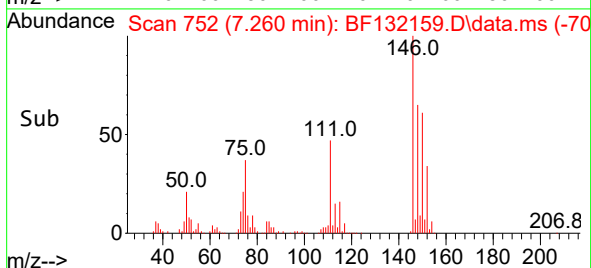
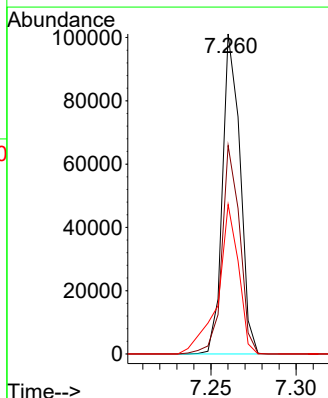
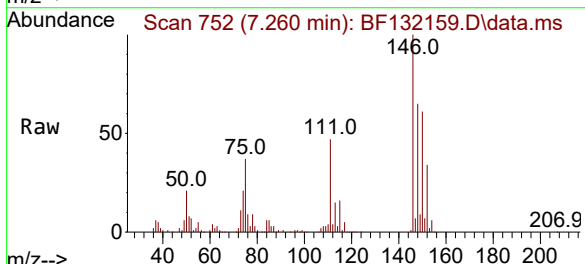
RT: 7.260 min Scan# 752

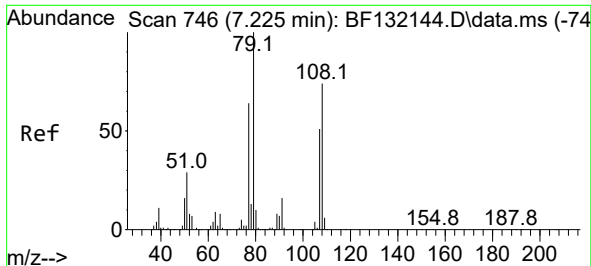
Delta R.T. -0.006 min

Lab File: BF132159.D

Acq: 20 Jan 2023 13:37

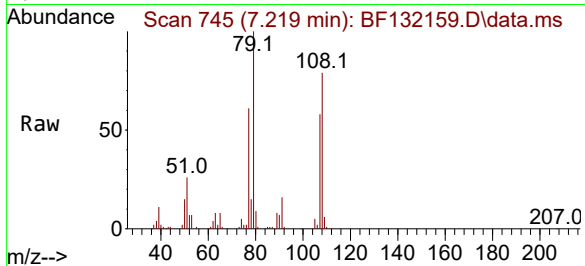
Tgt Ion:146 Resp: 72457
 Ion Ratio Lower Upper
 146 100
 148 65.2 52.0 78.0
 111 46.7 35.4 53.2





#15
Benzyl Alcohol
Concen: 4.696 ng
RT: 7.219 min Scan# 746
Delta R.T. -0.006 min
Lab File: BF132159.D
Acq: 20 Jan 2023 13:37

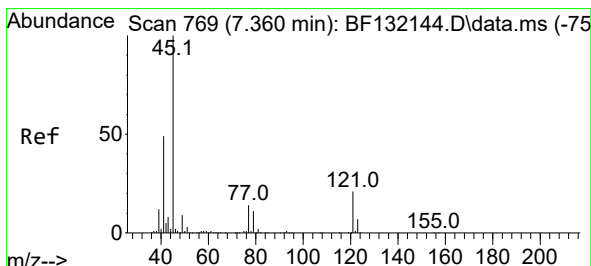
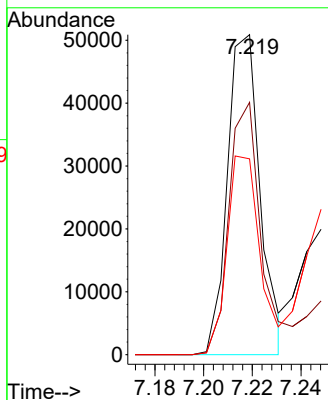
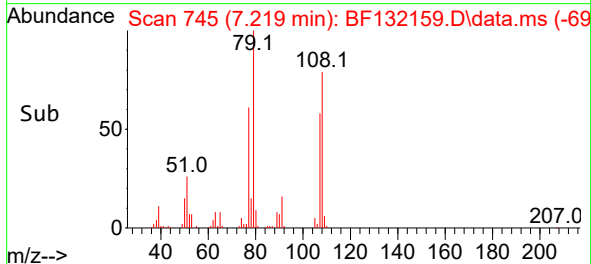
Instrument :
BNA_F
ClientSampleId :
LOQ-WATER-02-QT3-2022



Tgt Ion: 79 Resp: 47784
Ion Ratio Lower Upper
79 100
108 78.9 58.9 88.3
77 61.2 51.1 76.7

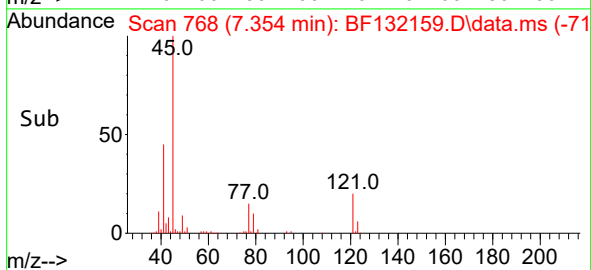
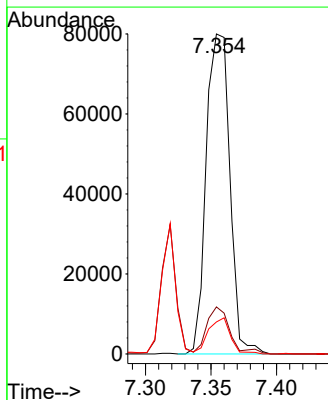
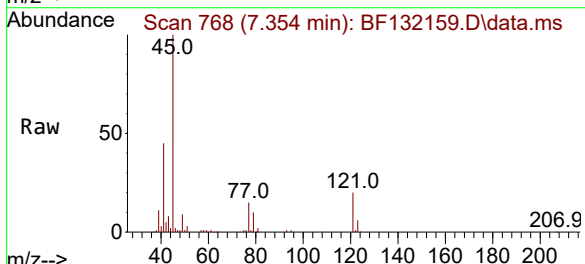
Manual Integrations
APPROVED

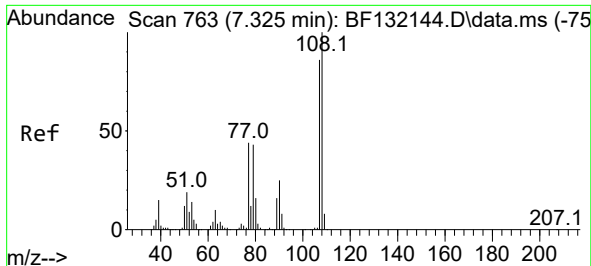
Reviewed By :Christian Giraldo 01/23/2023
Supervised By :Jagrut Upadhyay 01/23/2023



#16
2,2'-oxybis(1-Chloropropane)
Concen: 5.899 ng
RT: 7.354 min Scan# 768
Delta R.T. -0.006 min
Lab File: BF132159.D
Acq: 20 Jan 2023 13:37

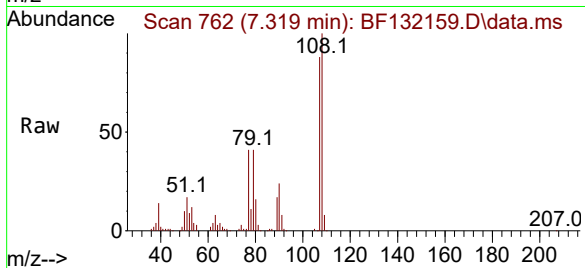
Tgt Ion: 45 Resp: 100517
Ion Ratio Lower Upper
45 100
77 14.7 0.0 34.3
79 10.0 0.0 30.9





#17
2-Methylphenol
Concen: 5.363 ng
RT: 7.319 min Scan# 762
Delta R.T. -0.006 min
Lab File: BF132159.D
Acq: 20 Jan 2023 13:37

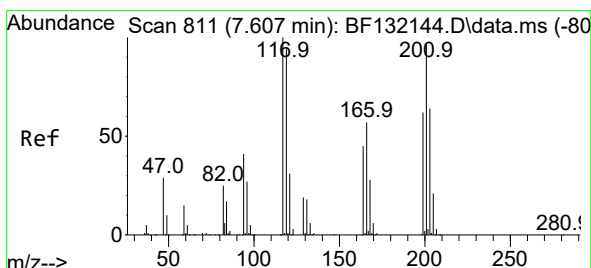
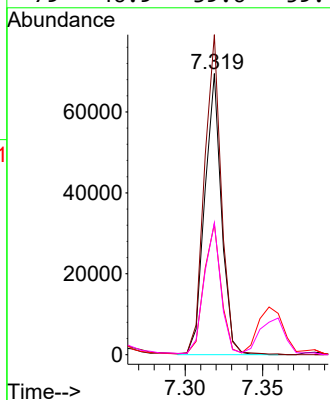
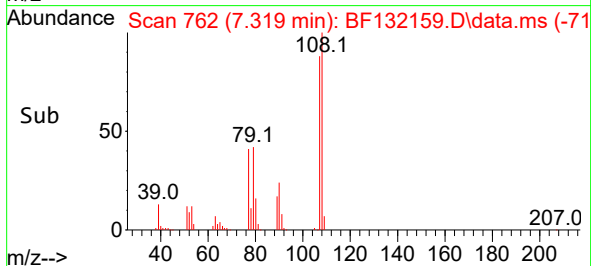
Instrument :
BNA_F
ClientSampleId :
LOQ-WATER-02-QT3-2022



Tgt Ion:107 Resp: 5218
Ion Ratio Lower Upper
107 100
108 113.8 92.8 139.2
77 46.5 41.1 61.7
79 46.9 39.6 59.4

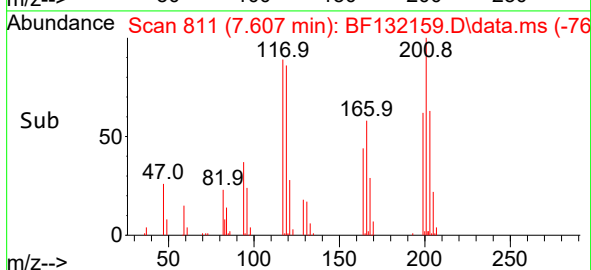
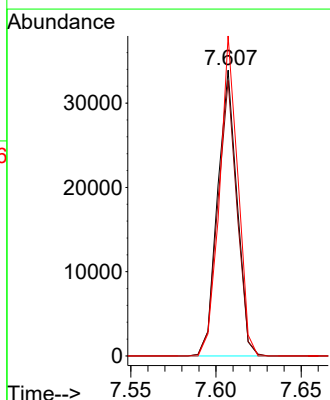
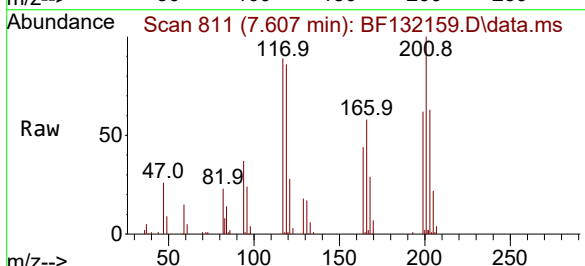
Manual Integrations
APPROVED

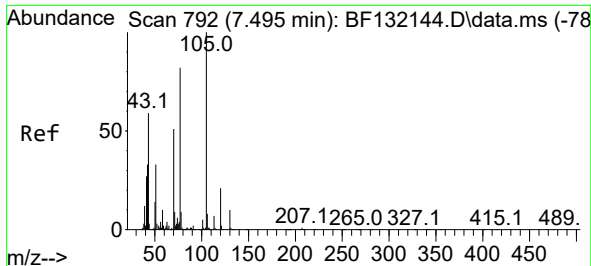
Reviewed By :Christian Giraldo 01/23/2023
Supervised By :Jagrut Upadhyay 01/23/2023



#18
Hexachloroethane
Concen: 6.044 ng
RT: 7.607 min Scan# 811
Delta R.T. -0.000 min
Lab File: BF132159.D
Acq: 20 Jan 2023 13:37

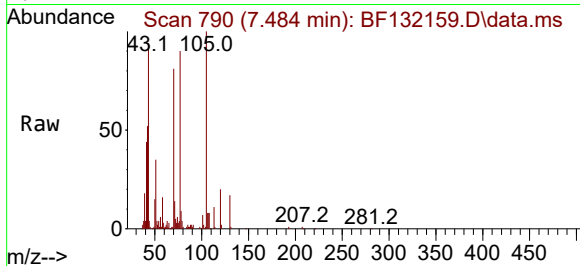
Tgt Ion:117 Resp: 26879
Ion Ratio Lower Upper
117 100
119 96.4 75.4 113.0
201 112.0 77.9 116.9





#19
n-Nitroso-di-n-propylamine
Concen: 5.870 ng
RT: 7.484 min Scan# 792
Delta R.T. -0.012 min
Lab File: BF132159.D
Acq: 20 Jan 2023 13:37

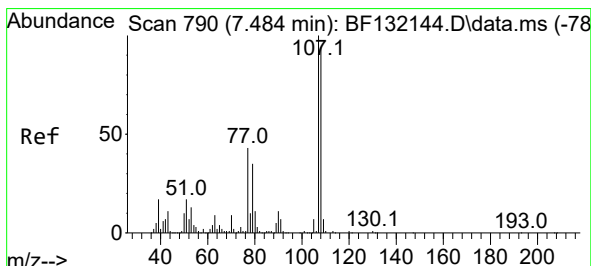
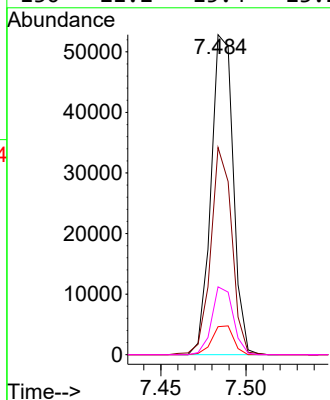
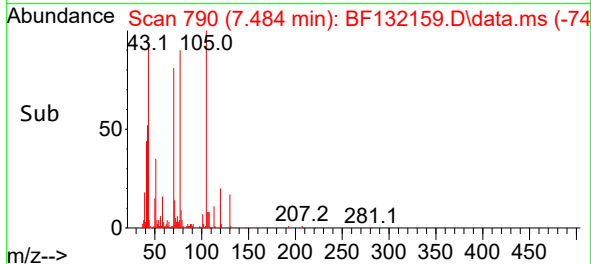
Instrument :
BNA_F
ClientSampleId :
LOQ-WATER-02-QT3-2022



Tgt Ion: 70 Resp: 47828
Ion Ratio Lower Upper
70 100
42 64.7 51.0 76.4
101 8.7 7.3 10.9
130 21.2 15.4 23.2

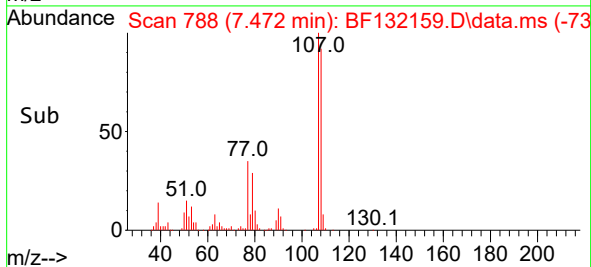
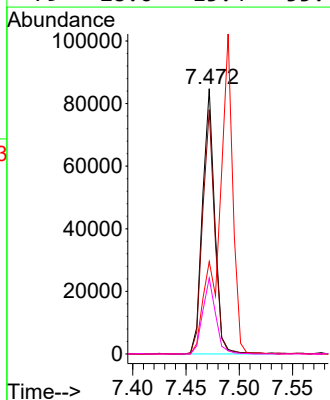
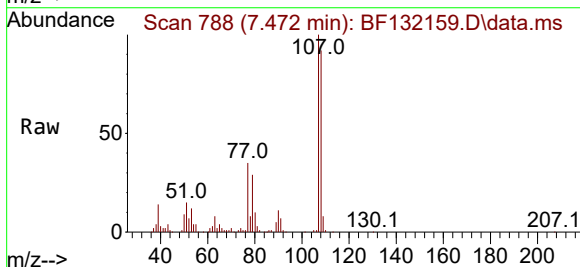
Manual Integrations
APPROVED

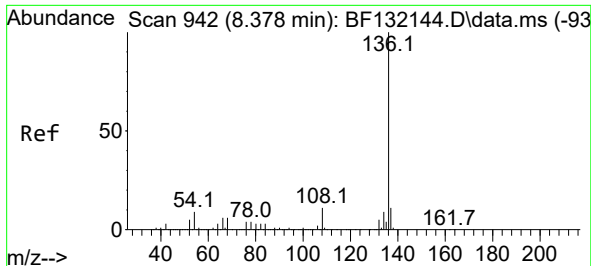
Reviewed By :Christian Giraldo 01/23/2023
Supervised By :Jagrut Upadhyay 01/23/2023



#20
3+4-Methylphenols
Concen: 5.544 ng
RT: 7.472 min Scan# 788
Delta R.T. -0.012 min
Lab File: BF132159.D
Acq: 20 Jan 2023 13:37

Tgt Ion:107 Resp: 67975
Ion Ratio Lower Upper
107 100
108 92.1 73.8 113.8
77 34.8 22.8 62.8
79 28.6 15.4 55.4





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.378 min Scan# 942

Delta R.T. -0.000 min

Lab File: BF132159.D

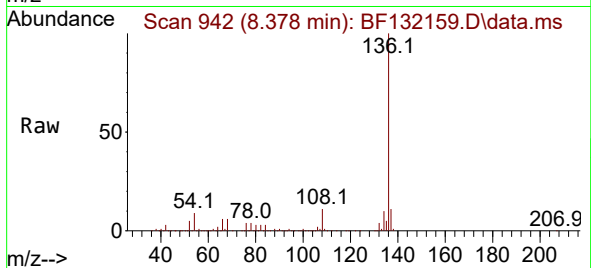
Acq: 20 Jan 2023 13:37

Instrument :

BNA_F

ClientSampleId :

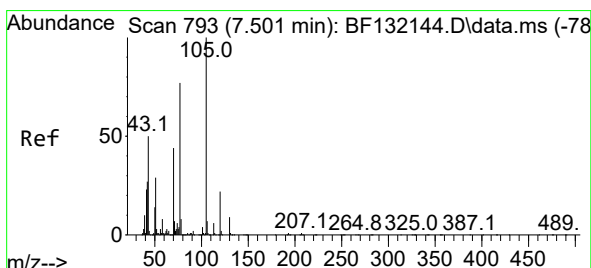
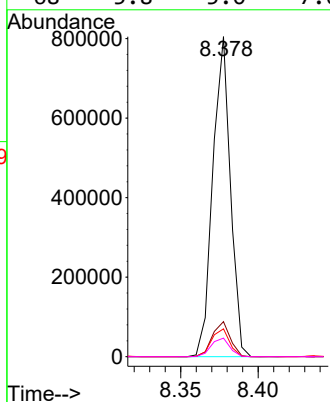
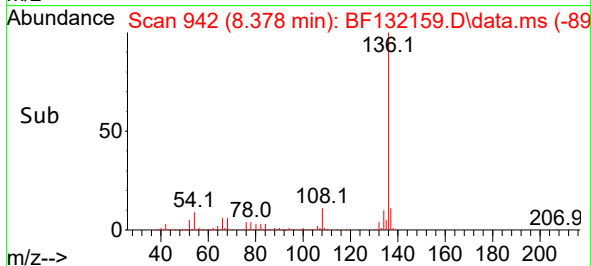
LOQ-WATER-02-QT3-2022



Tgt Ion:	136	Resp:	634502
Ion Ratio	Lower	Upper	
136	100		
137	11.0	8.9	13.3
54	8.7	7.0	10.6
68	5.8	5.0	7.6

Manual Integrations
APPROVED

Reviewed By :Christian Giraldo 01/23/2023
Supervised By :Jagrut Upadhyay 01/23/2023



#22

Acetophenone

Concen: 5.979 ng

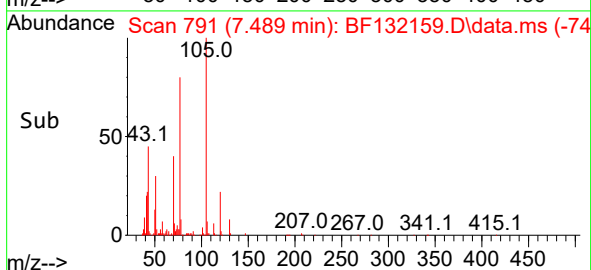
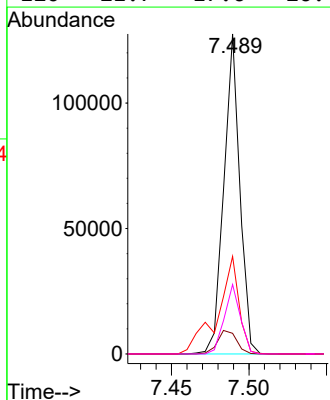
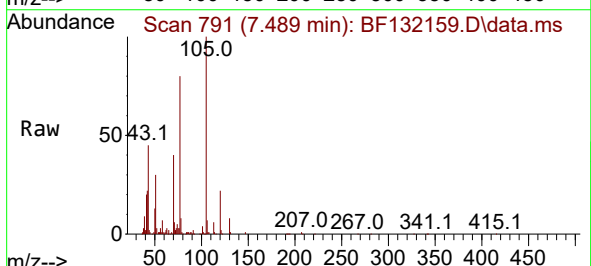
RT: 7.489 min Scan# 791

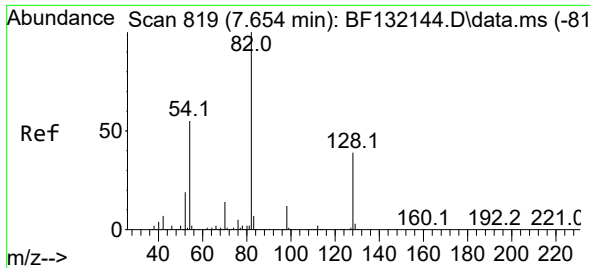
Delta R.T. -0.012 min

Lab File: BF132159.D

Acq: 20 Jan 2023 13:37

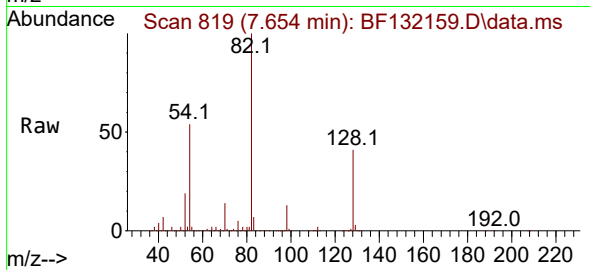
Tgt Ion:	105	Resp:	91180
Ion Ratio	Lower	Upper	
105	100		
71	6.4	5.8	8.6
51	30.5	23.0	34.6
120	21.7	17.6	26.4





#23
Nitrobenzene-d5
Concen: 74.379 ng
RT: 7.654 min Scan# 819
Delta R.T. -0.000 min
Lab File: BF132159.D
Acq: 20 Jan 2023 13:37

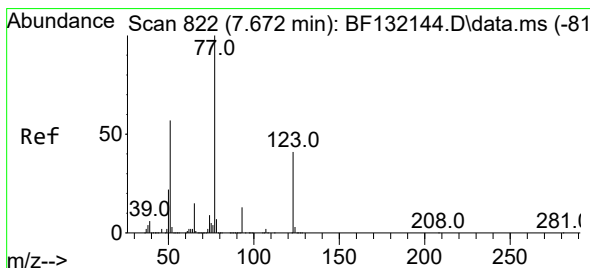
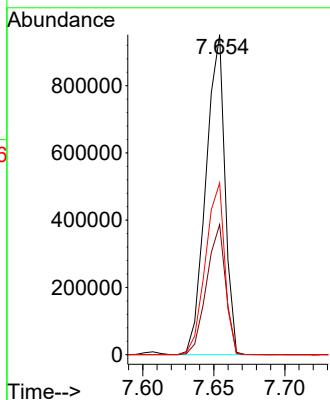
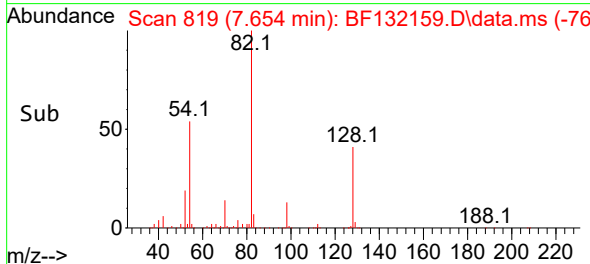
Instrument :
BNA_F
ClientSampleId :
LOQ-WATER-02-QT3-2022



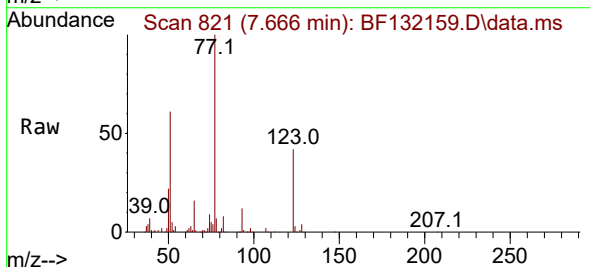
Tgt Ion: 82 Resp: 888385
Ion Ratio Lower Upper
82 100
128 40.6 31.1 46.7
54 53.6 43.9 65.9

Manual Integrations
APPROVED

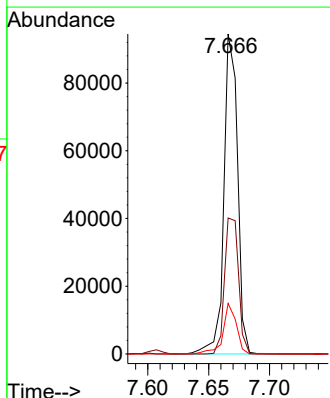
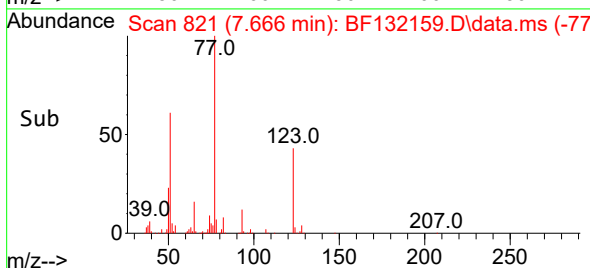
Reviewed By :Christian Giraldo 01/23/2023
Supervised By :Jagrut Upadhyay 01/23/2023

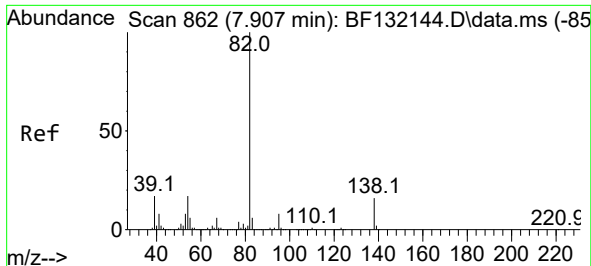


#24
Nitrobenzene
Concen: 5.855 ng
RT: 7.666 min Scan# 821
Delta R.T. -0.006 min
Lab File: BF132159.D
Acq: 20 Jan 2023 13:37



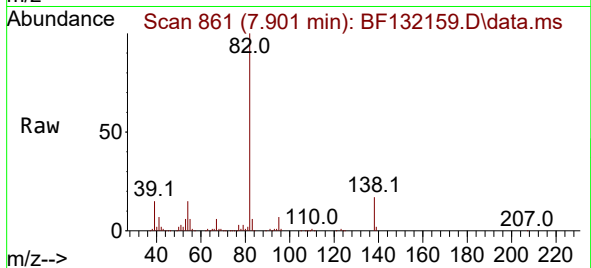
Tgt Ion: 77 Resp: 74048
Ion Ratio Lower Upper
77 100
123 42.5 33.1 49.7
65 15.8 11.7 17.5





#25
Isophorone
Concen: 5.664 ng
RT: 7.901 min Scan# 861
Delta R.T. -0.006 min
Lab File: BF132159.D
Acq: 20 Jan 2023 13:37

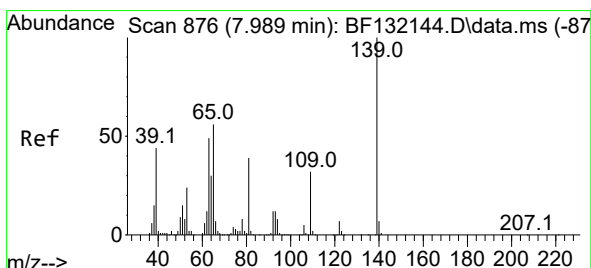
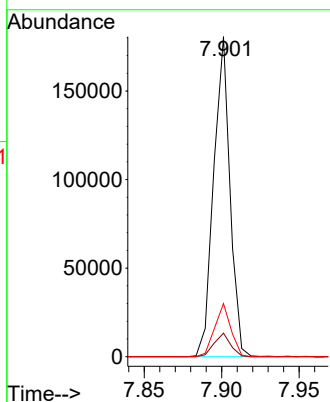
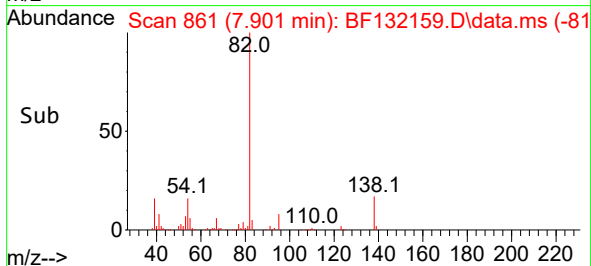
Instrument :
BNA_F
ClientSampleId :
LOQ-WATER-02-QT3-2022



Tgt Ion: 82 Resp: 13236
Ion Ratio Lower Upper
82 100
95 7.4 6.2 9.2
138 16.6 12.9 19.3

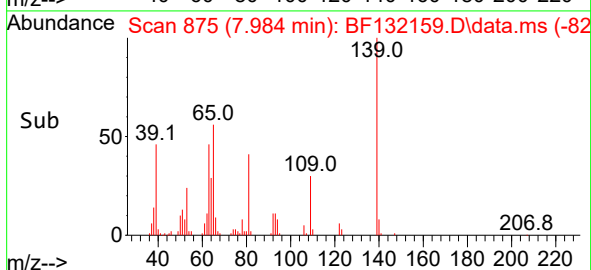
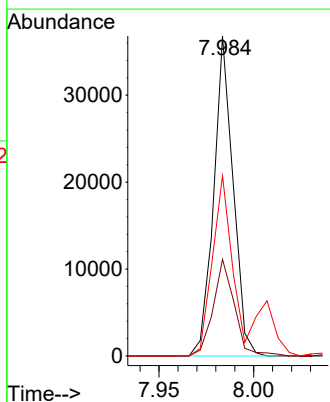
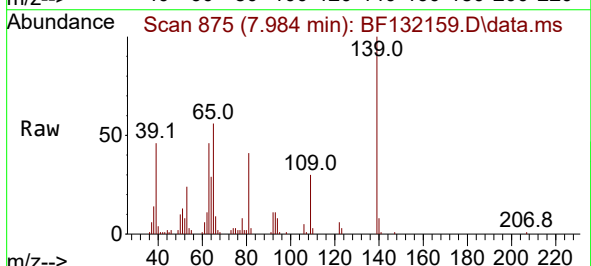
Manual Integrations
APPROVED

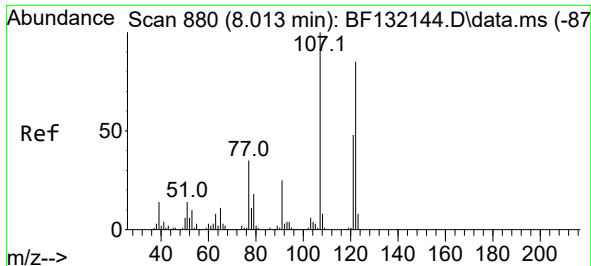
Reviewed By :Christian Giraldo 01/23/2023
Supervised By :Jagrut Upadhyay 01/23/2023



#26
2-Nitrophenol
Concen: 6.536 ng
RT: 7.984 min Scan# 875
Delta R.T. -0.005 min
Lab File: BF132159.D
Acq: 20 Jan 2023 13:37

Tgt Ion:139 Resp: 26292
Ion Ratio Lower Upper
139 100
109 30.2 25.8 38.8
65 56.3 44.6 66.8





#27

2,4-Dimethylphenol

Concen: 4.638 ng

RT: 8.007 min Scan# 81

Delta R.T. -0.006 min

Lab File: BF132159.D

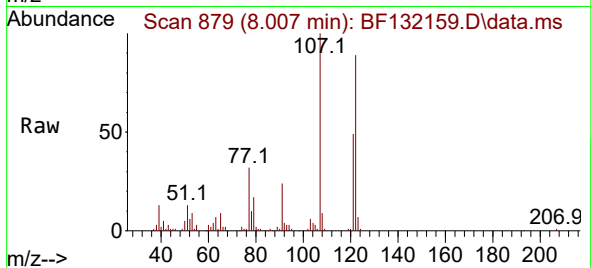
Acq: 20 Jan 2023 13:37

Instrument :

BNA_F

ClientSampleId :

LOQ-WATER-02-QT3-2022



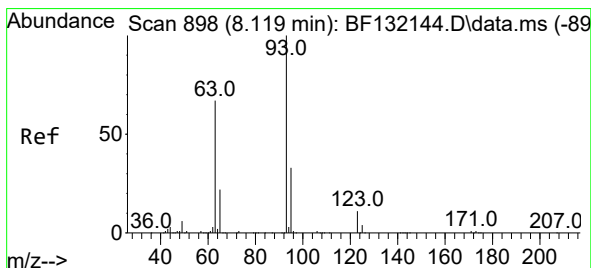
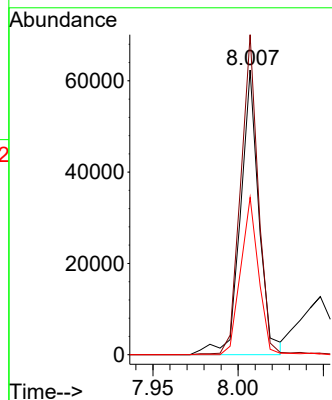
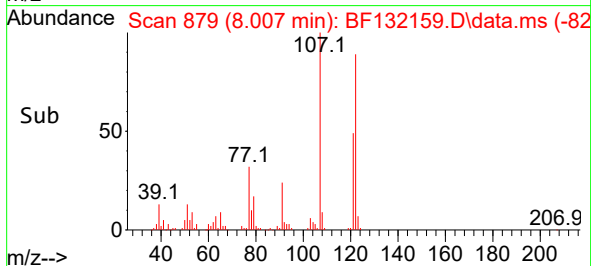
Tgt Ion:	122	Resp:	4689
Ion	Ratio	Lower	Upper
122	100		
107	112.4	94.2	141.4
121	55.2	45.6	68.4

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 01/23/2023

Supervised By :Jagrut Upadhyay 01/23/2023



#28

bis(2-Chloroethoxy)methane

Concen: 6.006 ng

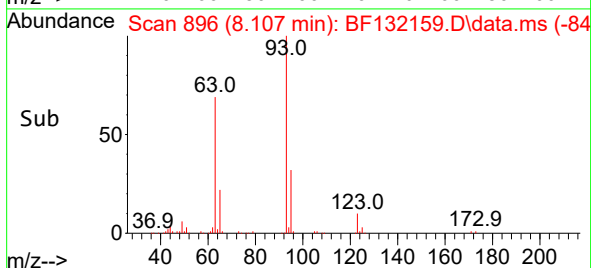
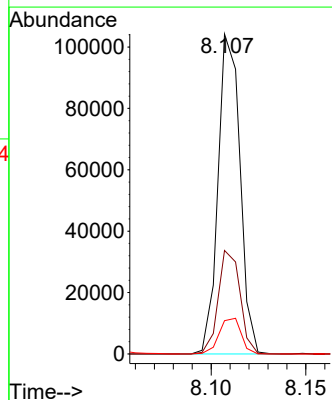
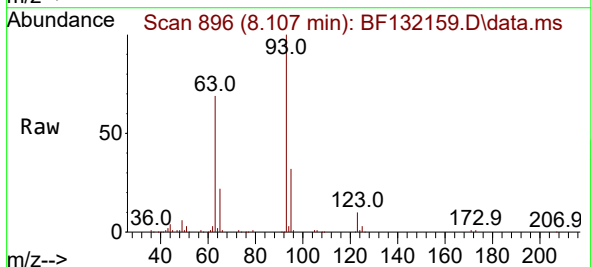
RT: 8.107 min Scan# 896

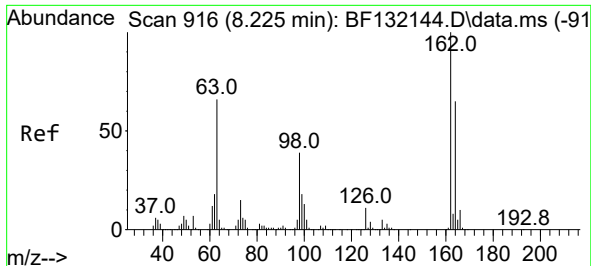
Delta R.T. -0.012 min

Lab File: BF132159.D

Acq: 20 Jan 2023 13:37

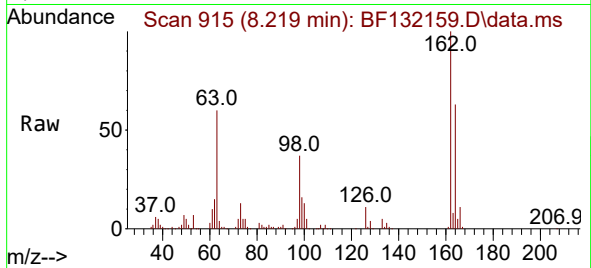
Tgt Ion:	93	Resp:	84211
Ion	Ratio	Lower	Upper
93	100		
95	32.4	26.2	39.2
123	10.4	9.1	13.7





#29
2,4-Dichlorophenol
Concen: 5.900 ng
RT: 8.219 min Scan# 916
Delta R.T. -0.006 min
Lab File: BF132159.D
Acq: 20 Jan 2023 13:37

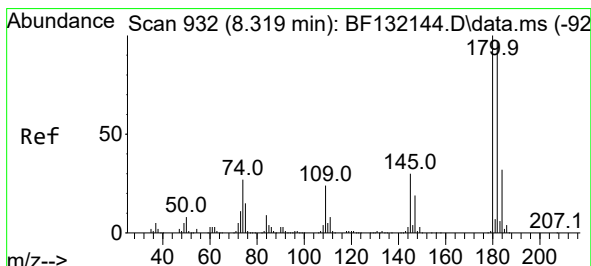
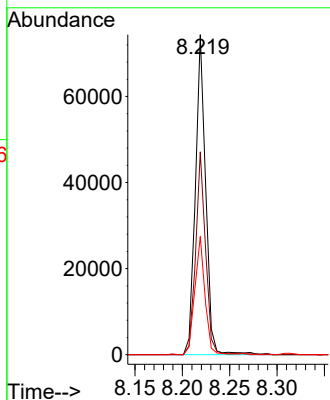
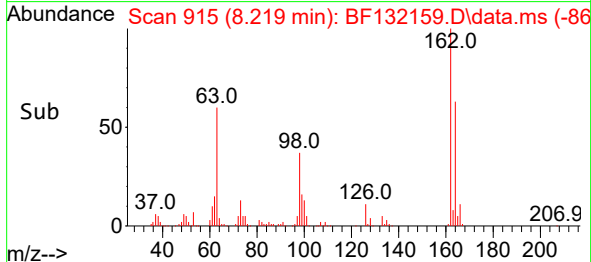
Instrument :
BNA_F
ClientSampleId :
LOQ-WATER-02-QT3-2022



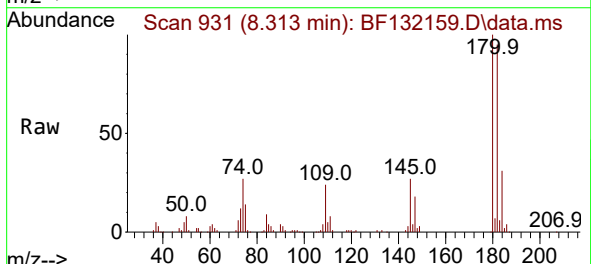
Tgt Ion:162 Resp: 56638
Ion Ratio Lower Upper
162 100
164 63.4 44.7 84.7
98 37.0 18.8 58.8

Manual Integrations
APPROVED

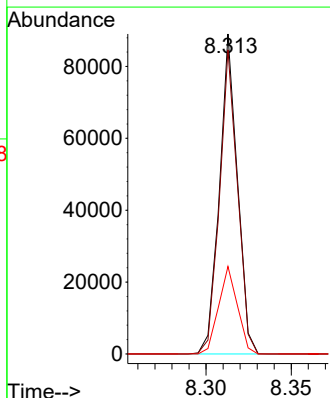
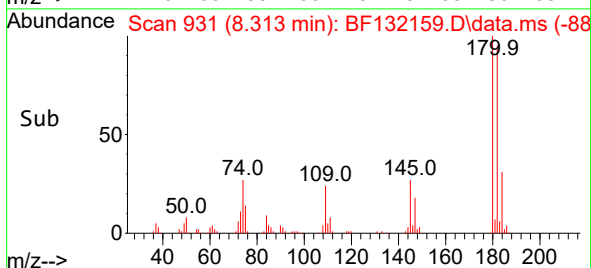
Reviewed By :Christian Giraldo 01/23/2023
Supervised By :Jagrut Upadhyay 01/23/2023

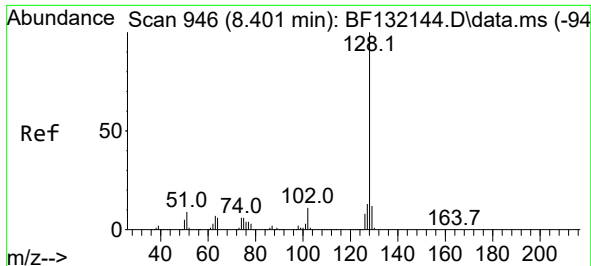


#30
1,2,4-Trichlorobenzene
Concen: 5.997 ng
RT: 8.313 min Scan# 931
Delta R.T. -0.006 min
Lab File: BF132159.D
Acq: 20 Jan 2023 13:37



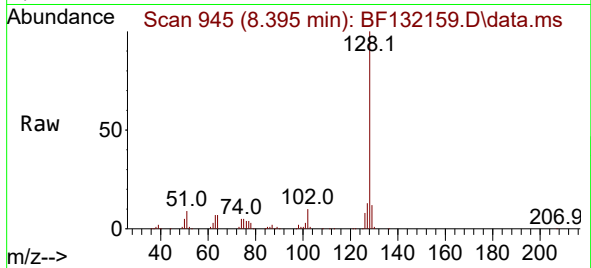
Tgt Ion:180 Resp: 65396
Ion Ratio Lower Upper
180 100
182 95.0 77.4 116.0
145 27.4 23.8 35.6





#31
Naphthalene
Concen: 6.110 ng
RT: 8.395 min Scan# 946
Delta R.T. -0.006 min
Lab File: BF132159.D
Acq: 20 Jan 2023 13:37

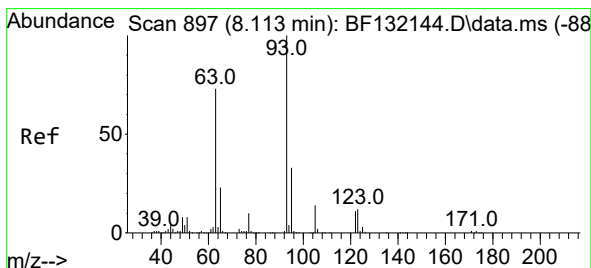
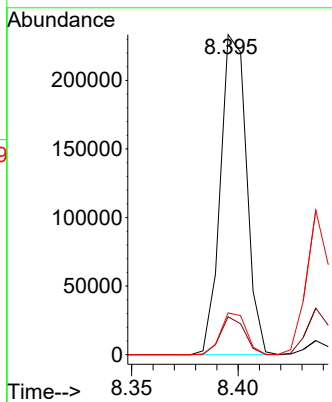
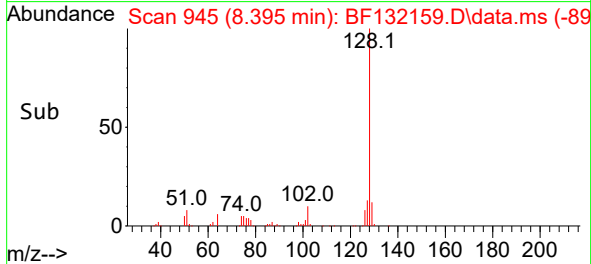
Instrument :
BNA_F
ClientSampleId :
LOQ-WATER-02-QT3-2022



Tgt Ion:128 Resp: 19911
Ion Ratio Lower Upper
128 100
129 11.9 9.3 13.9
127 13.0 10.6 15.8

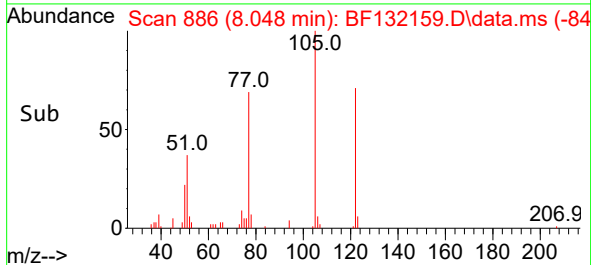
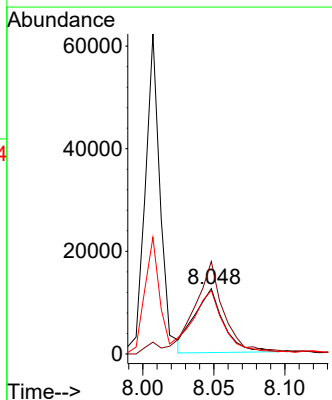
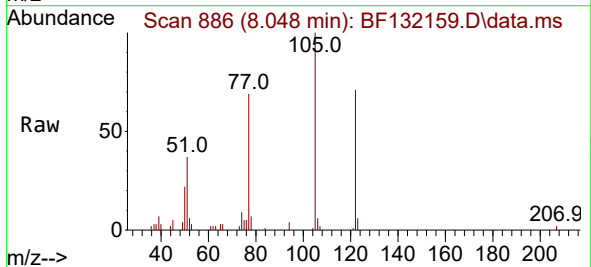
Manual Integrations
APPROVED

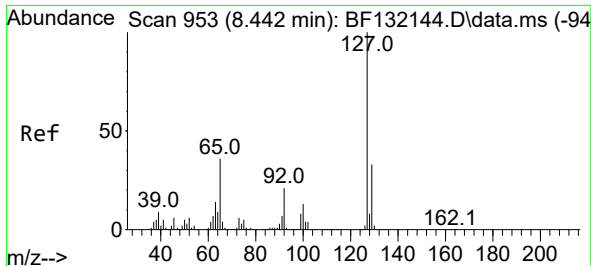
Reviewed By :Christian Giraldo 01/23/2023
Supervised By :Jagrut Upadhyay 01/23/2023



#32
Benzoic acid
Concen: 3.004 ng
RT: 8.048 min Scan# 886
Delta R.T. -0.065 min
Lab File: BF132159.D
Acq: 20 Jan 2023 13:37

Tgt Ion:122 Resp: 17791
Ion Ratio Lower Upper
122 100
105 141.6 96.8 136.8#
77 97.2 72.5 112.5





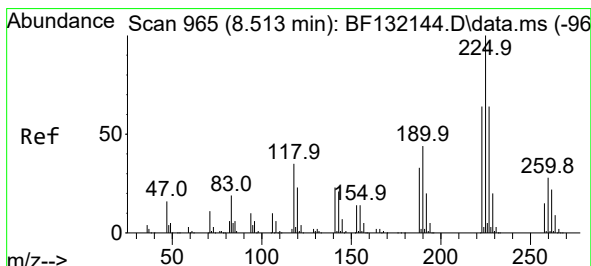
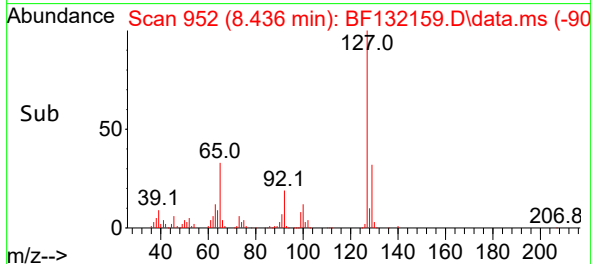
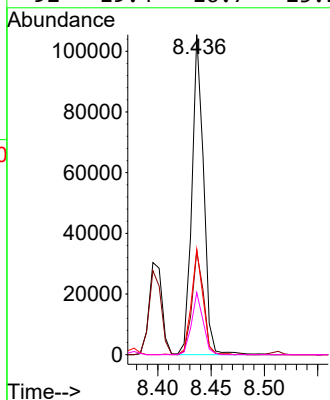
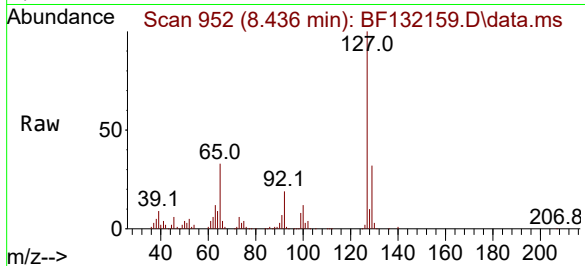
#33
4-Chloroaniline
Concen: 5.788 ng
RT: 8.436 min Scan# 91
Delta R.T. -0.006 min
Lab File: BF132159.D
Acq: 20 Jan 2023 13:37

Instrument :
BNA_F
ClientSampleId :
LOQ-WATER-02-QT3-2022

Tgt Ion:127 Resp: 80718
Ion Ratio Lower Upper
127 100
129 32.2 26.0 39.0
65 33.0 28.4 42.6
92 19.4 16.7 25.1

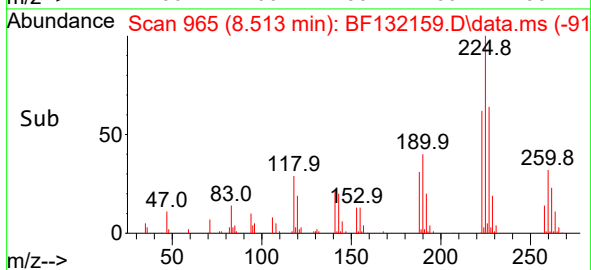
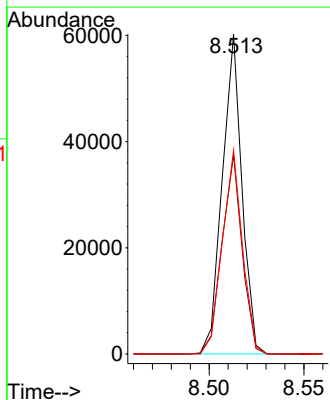
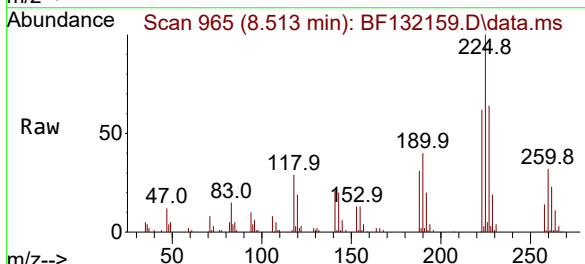
Manual Integrations
APPROVED

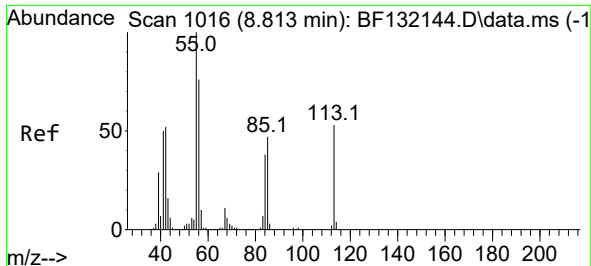
Reviewed By :Christian Giraldo 01/23/2023
Supervised By :Jagrut Upadhyay 01/23/2023



#34
Hexachlorobutadiene
Concen: 5.921 ng
RT: 8.513 min Scan# 965
Delta R.T. -0.000 min
Lab File: BF132159.D
Acq: 20 Jan 2023 13:37

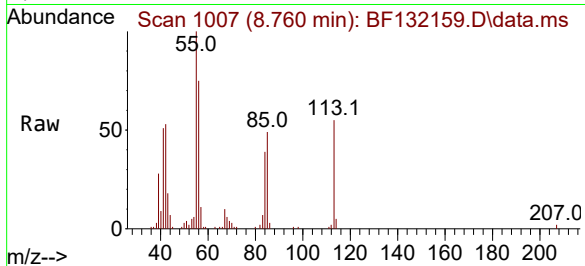
Tgt Ion:225 Resp: 43371
Ion Ratio Lower Upper
225 100
223 62.1 50.9 76.3
227 63.7 50.8 76.2





#35
Caprolactam
Concen: 5.017 ng
RT: 8.760 min Scan# 1016
Delta R.T. -0.053 min
Lab File: BF132159.D
Acq: 20 Jan 2023 13:37

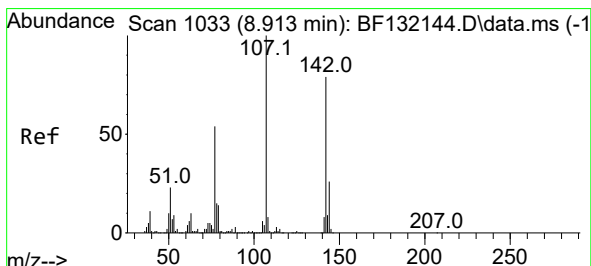
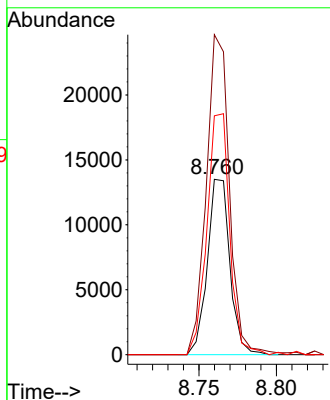
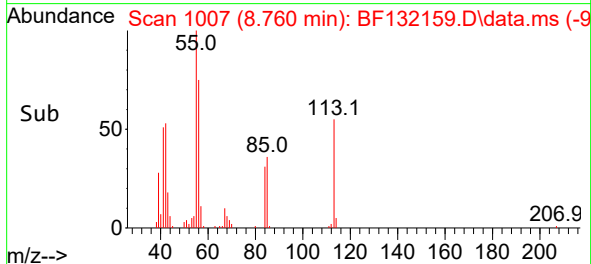
Instrument : BNA_F
ClientSampleId :
LOQ-WATER-02-QT3-2022



Tgt Ion:113 Resp: 13658
Ion Ratio Lower Upper
113 100
55 182.5 167.5 207.5
56 136.2 122.0 162.0

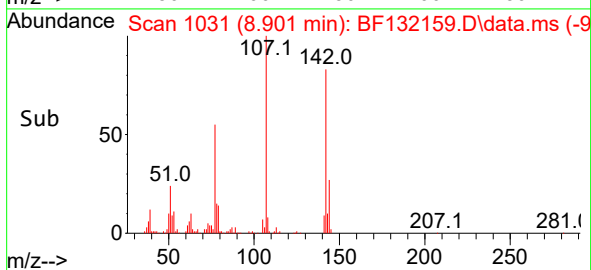
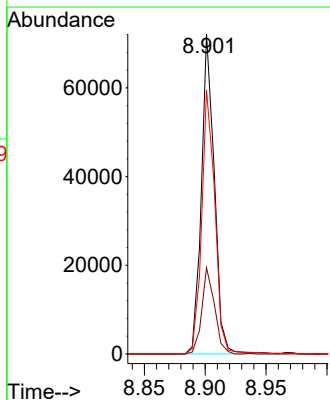
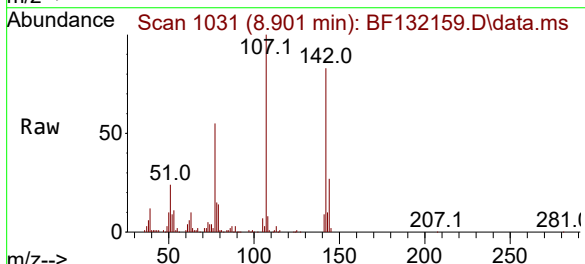
Manual Integrations
APPROVED

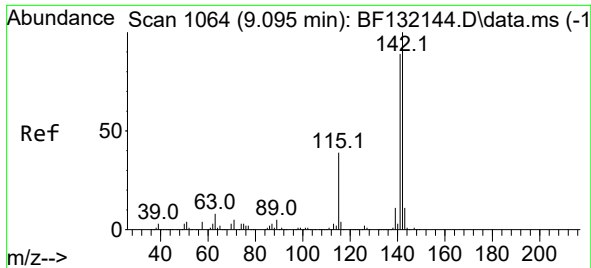
Reviewed By :Christian Giraldo 01/23/2023
Supervised By :Jagrut Upadhyay 01/23/2023



#36
4-Chloro-3-methylphenol
Concen: 5.560 ng
RT: 8.901 min Scan# 1031
Delta R.T. -0.012 min
Lab File: BF132159.D
Acq: 20 Jan 2023 13:37

Tgt Ion:107 Resp: 53720
Ion Ratio Lower Upper
107 100
144 27.0 21.0 31.4
142 82.5 63.6 95.4





#37

2-Methylnaphthalene

Concen: 5.977 ng

RT: 9.089 min Scan# 1063

Delta R.T. -0.006 min

Lab File: BF132159.D

Acq: 20 Jan 2023 13:37

Instrument :

BNA_F

ClientSampleId :

LOQ-WATER-02-QT3-2022

Tgt Ion:142 Resp: 134108

Ion Ratio Lower Upper

142 100

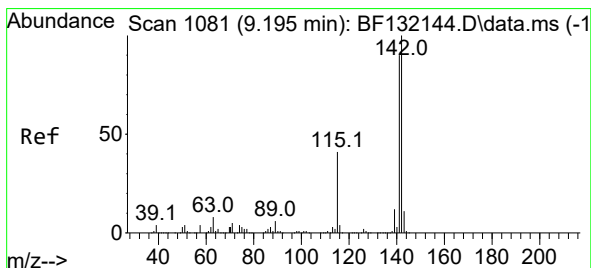
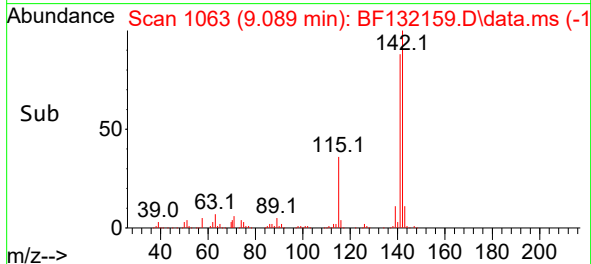
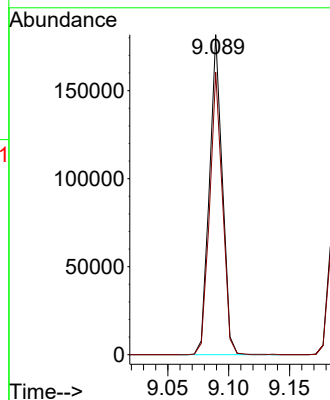
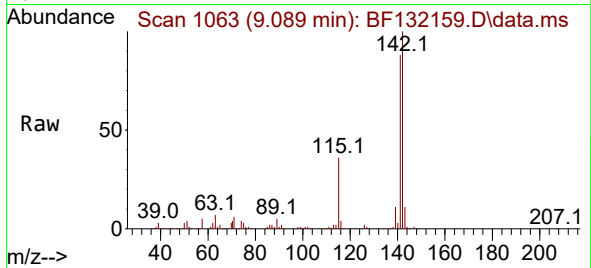
141 88.2 71.1 106.7

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 01/23/2023

Supervised By :Jagrut Upadhyay 01/23/2023



#38

1-Methylnaphthalene

Concen: 6.036 ng

RT: 9.189 min Scan# 1080

Delta R.T. -0.006 min

Lab File: BF132159.D

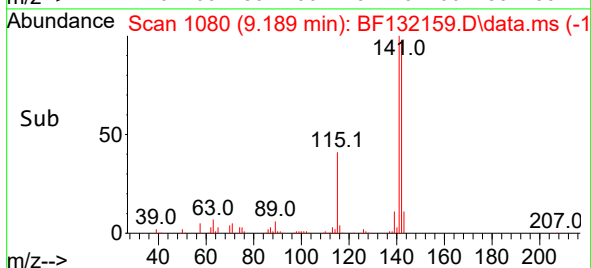
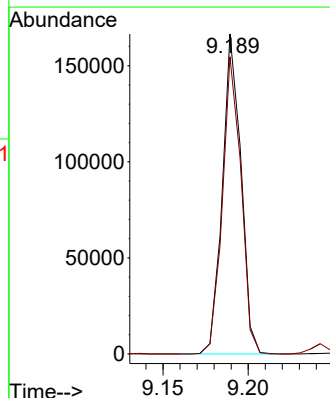
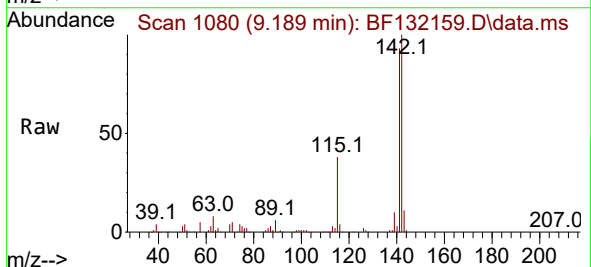
Acq: 20 Jan 2023 13:37

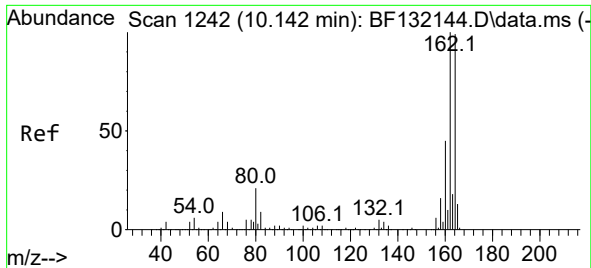
Tgt Ion:142 Resp: 126003

Ion Ratio Lower Upper

142 100

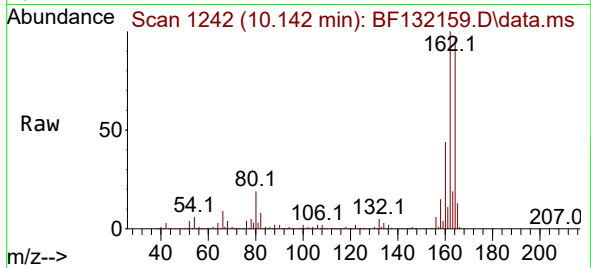
141 92.9 72.1 108.1





#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 10.142 min Scan# 11
Delta R.T. 0.000 min
Lab File: BF132159.D
Acq: 20 Jan 2023 13:37

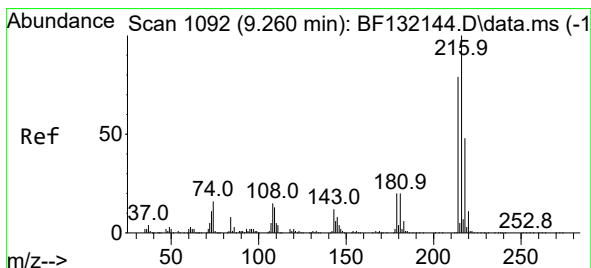
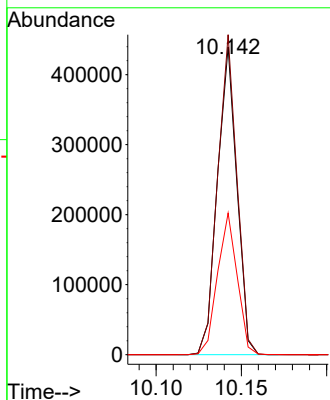
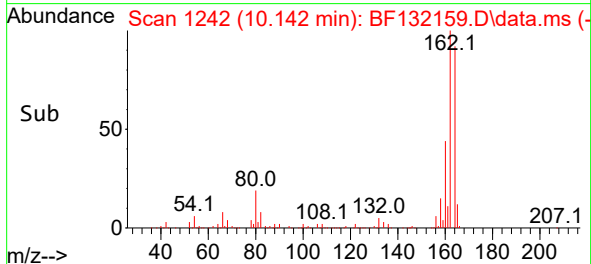
Instrument :
BNA_F
ClientSampleId :
LOQ-WATER-02-QT3-2022



Tgt Ion:164 Resp: 349960
Ion Ratio Lower Upper
164 100
162 103.9 81.2 121.8
160 46.0 36.9 55.3

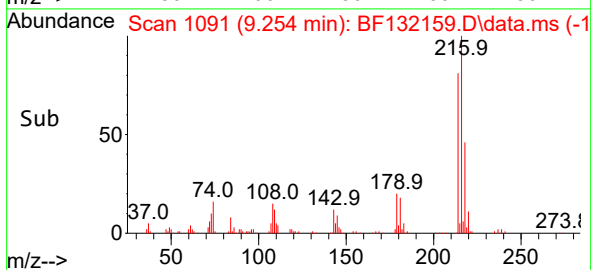
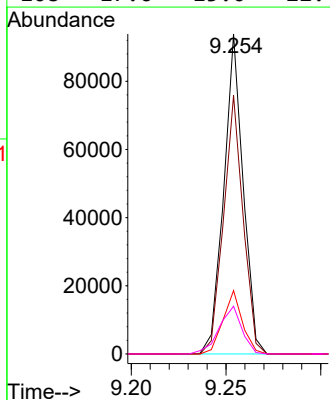
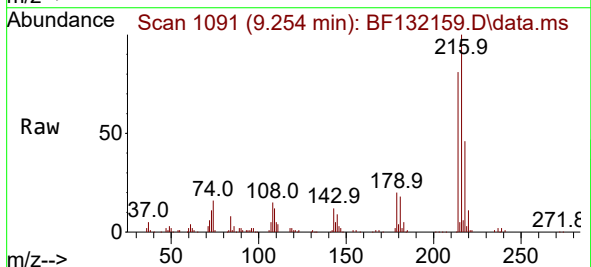
Manual Integrations
APPROVED

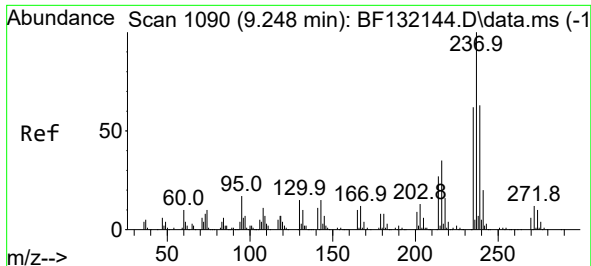
Reviewed By :Christian Giraldo 01/23/2023
Supervised By :Jagrut Upadhyay 01/23/2023



#40
1,2,4,5-Tetrachlorobenzene
Concen: 5.476 ng
RT: 9.254 min Scan# 1091
Delta R.T. -0.006 min
Lab File: BF132159.D
Acq: 20 Jan 2023 13:37

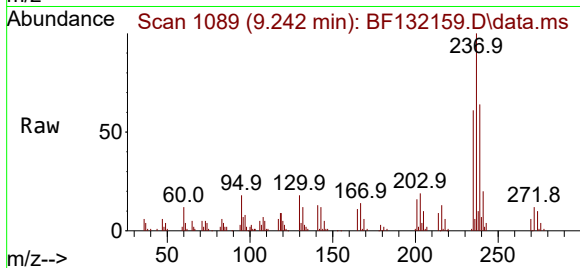
Tgt Ion:216 Resp: 66681
Ion Ratio Lower Upper
216 100
214 81.3 63.1 94.7
179 19.8 16.6 24.8
108 17.6 15.0 22.4





#41
Hexachlorocyclopentadiene
Concen: 4.369 ng
RT: 9.242 min Scan# 1090
Delta R.T. -0.006 min
Lab File: BF132159.D
Acq: 20 Jan 2023 13:37

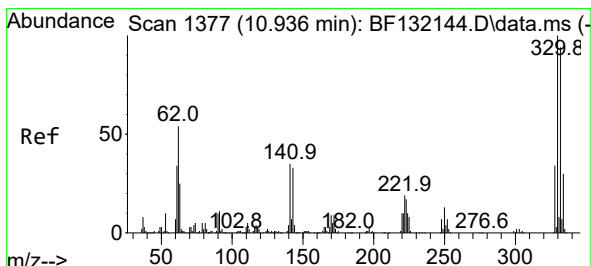
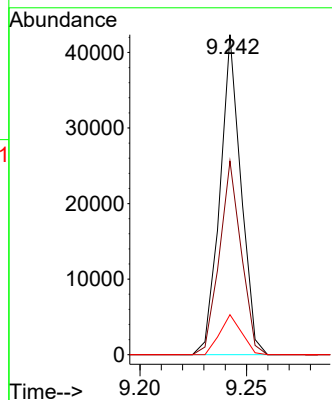
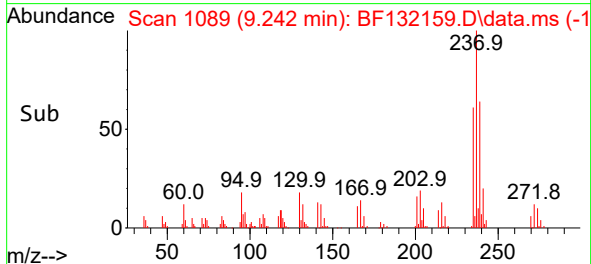
Instrument :
BNA_F
ClientSampleId :
LOQ-WATER-02-QT3-2022



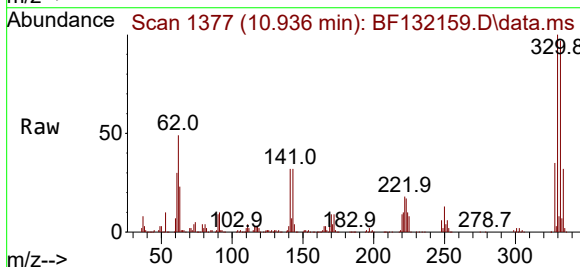
Tgt Ion: 237 Resp: 29030
Ion Ratio Lower Upper
237 100
235 60.5 41.7 81.7
272 12.5 0.0 32.3

Manual Integrations
APPROVED

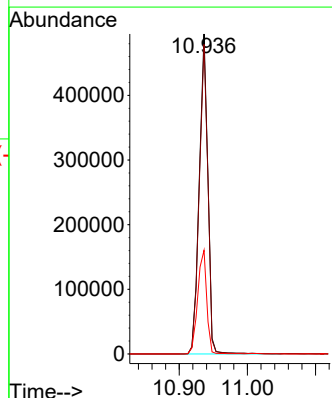
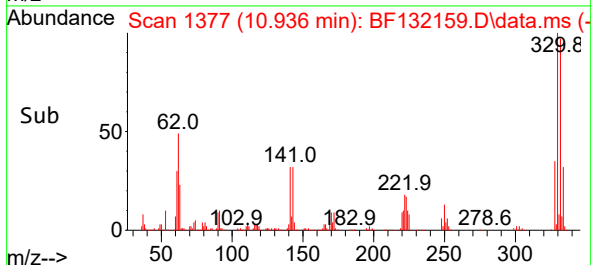
Reviewed By : Christian Giraldo 01/23/2023
Supervised By : Jagrut Upadhyay 01/23/2023

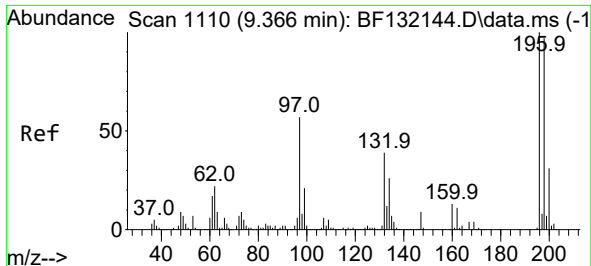


#42
2,4,6-Tribromophenol
Concen: 116.423 ng
RT: 10.936 min Scan# 1377
Delta R.T. 0.000 min
Lab File: BF132159.D
Acq: 20 Jan 2023 13:37



Tgt Ion: 330 Resp: 435210
Ion Ratio Lower Upper
330 100
332 97.1 75.6 113.4
141 33.8 27.1 40.7





#43

2,4,6-Trichlorophenol

Concen: 5.013 ng

RT: 9.360 min Scan# 1110

Delta R.T. -0.006 min

Lab File: BF132159.D

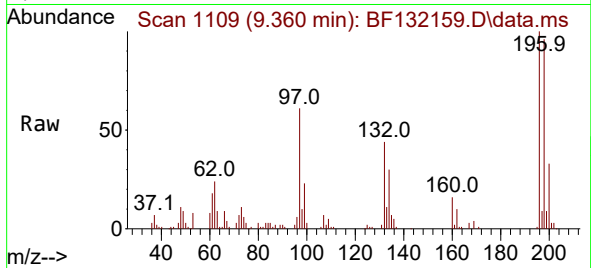
Acq: 20 Jan 2023 13:37

Instrument :

BNA_F

ClientSampleId :

LOQ-WATER-02-QT3-2022



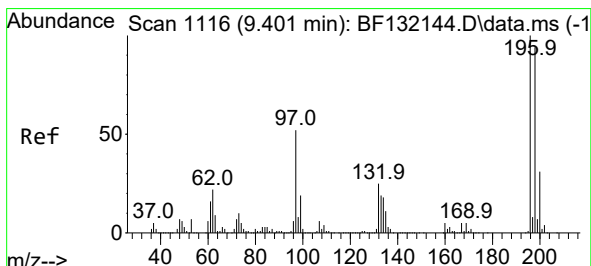
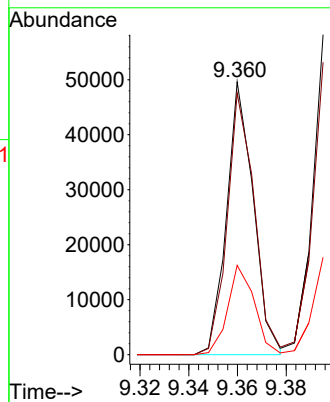
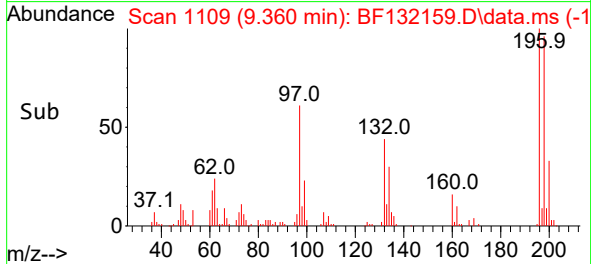
Tgt Ion:196	Resp:	3788	
Ion Ratio	Lower	Upper	
196	100		
198	95.9	77.4	116.2
200	32.7	24.9	37.3

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 01/23/2023

Supervised By :Jagrut Upadhyay 01/23/2023



#44

2,4,5-Trichlorophenol

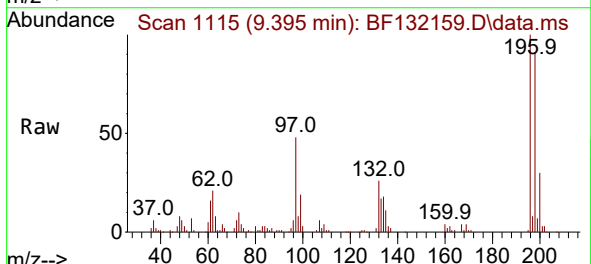
Concen: 5.143 ng

RT: 9.395 min Scan# 1115

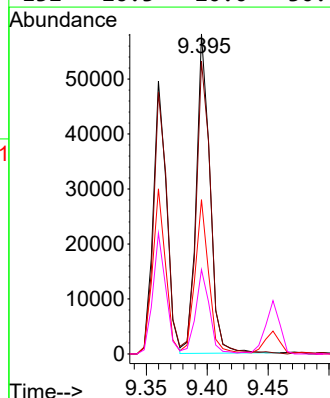
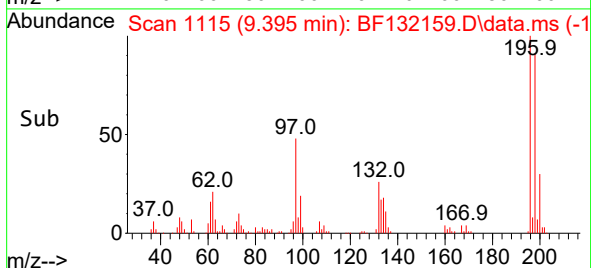
Delta R.T. -0.006 min

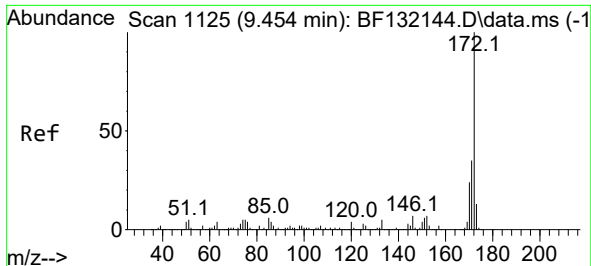
Lab File: BF132159.D

Acq: 20 Jan 2023 13:37



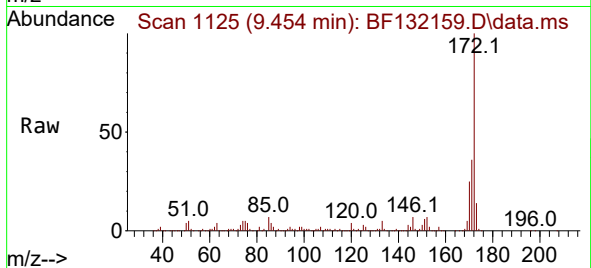
Tgt Ion:196	Resp:	45453	
Ion Ratio	Lower	Upper	
196	100		
198	91.4	75.3	112.9
97	48.2	41.3	61.9
132	26.3	20.0	30.0





#45
2-Fluorobiphenyl
Concen: 62.727 ng
RT: 9.454 min Scan# 1125
Delta R.T. -0.000 min
Lab File: BF132159.D
Acq: 20 Jan 2023 13:37

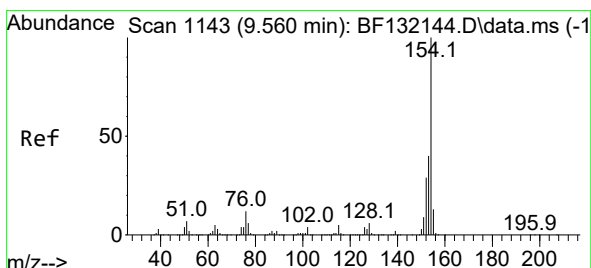
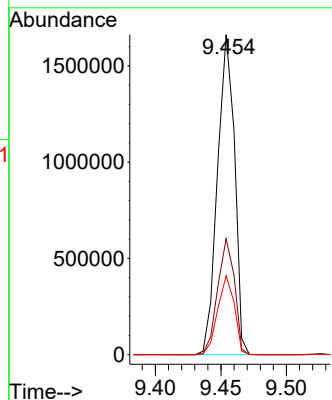
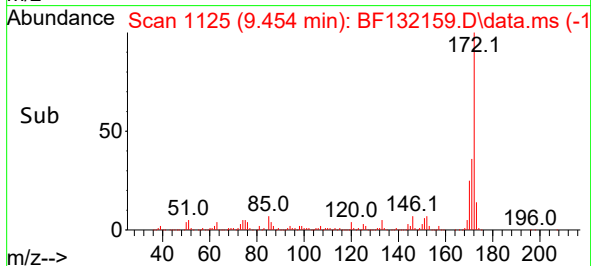
Instrument : BNA_F
ClientSampleId : LOQ-WATER-02-QT3-2022



Tgt Ion:172 Resp: 1502314
Ion Ratio Lower Upper
172 100
171 36.3 28.2 42.2
170 24.7 19.6 29.4

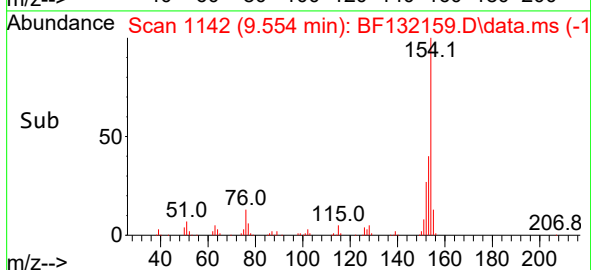
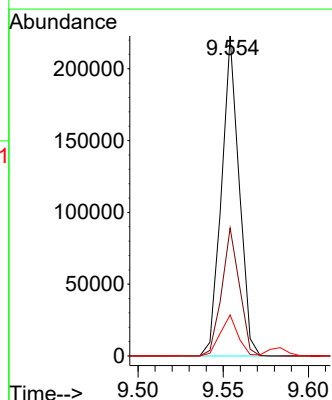
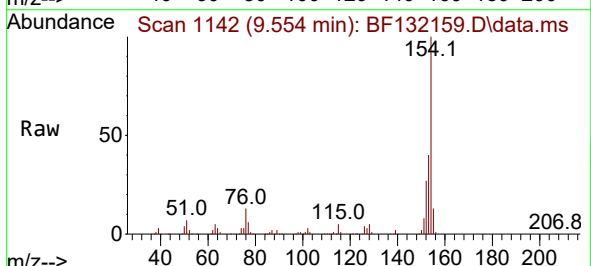
Manual Integrations
APPROVED

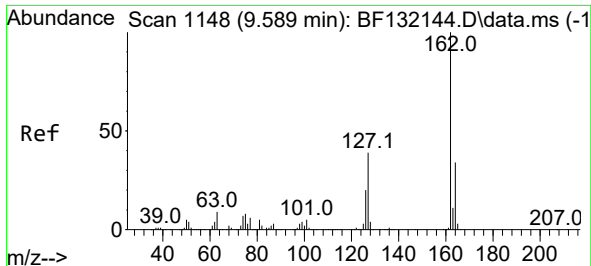
Reviewed By :Christian Giraldo 01/23/2023
Supervised By :Jagrut Upadhyay 01/23/2023



#46
1,1'-Biphenyl
Concen: 5.820 ng
RT: 9.554 min Scan# 1142
Delta R.T. -0.006 min
Lab File: BF132159.D
Acq: 20 Jan 2023 13:37

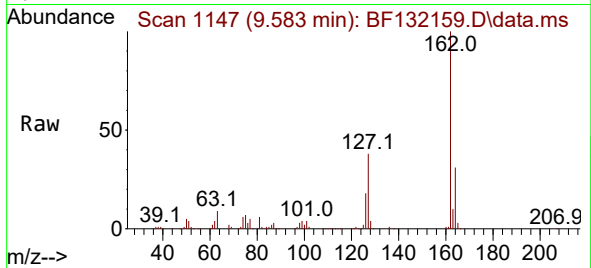
Tgt Ion:154 Resp: 160689
Ion Ratio Lower Upper
154 100
153 40.0 20.2 60.2
76 12.8 0.0 32.2





#47
2-Chloronaphthalene
Concen: 6.140 ng
RT: 9.583 min Scan# 1148
Delta R.T. -0.006 min
Lab File: BF132159.D
Acq: 20 Jan 2023 13:37

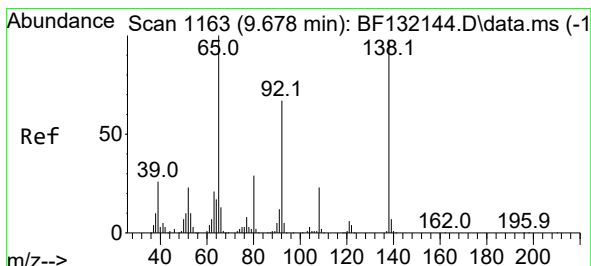
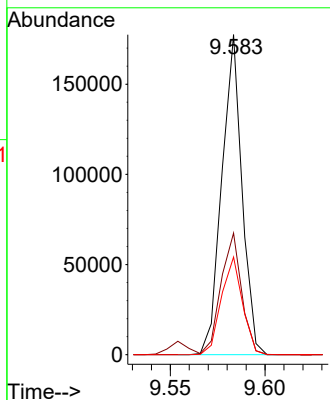
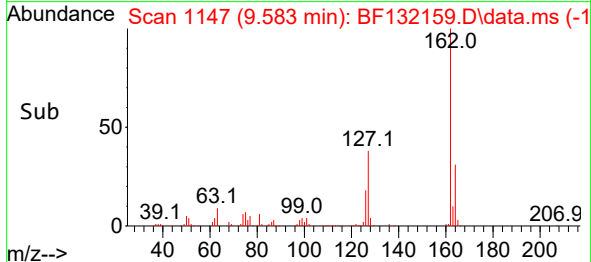
Instrument : BNA_F
ClientSampleId : LOQ-WATER-02-QT3-2022



Tgt Ion:162 Resp: 13104
Ion Ratio Lower Upper
162 100
127 38.0 31.1 46.7
164 30.5 26.9 40.3

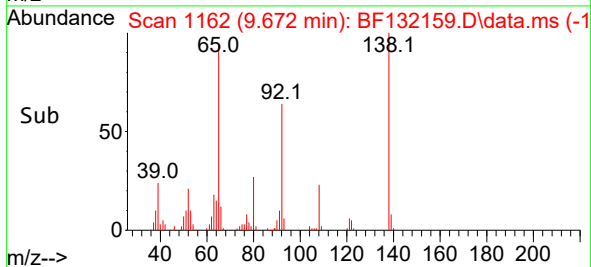
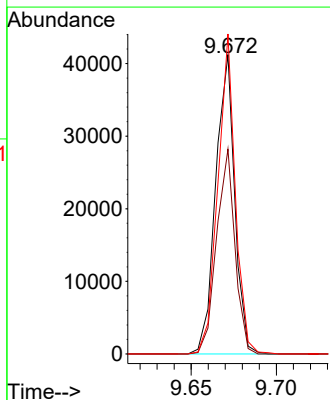
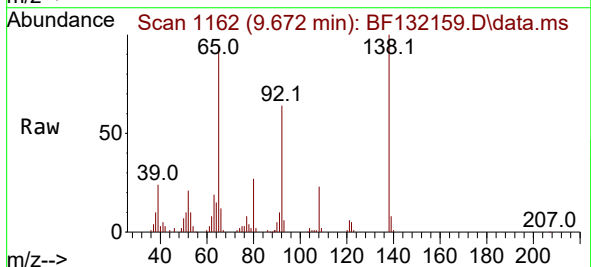
Manual Integrations
APPROVED

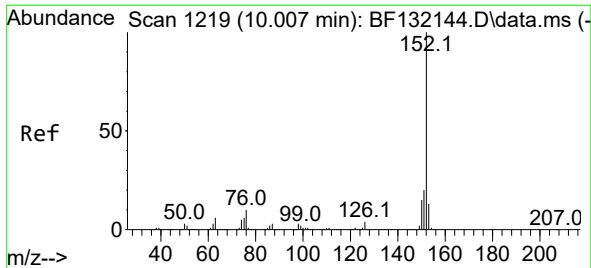
Reviewed By :Christian Giraldo 01/23/2023
Supervised By :Jagrut Upadhyay 01/23/2023



#48
2-Nitroaniline
Concen: 5.205 ng
RT: 9.672 min Scan# 1162
Delta R.T. -0.006 min
Lab File: BF132159.D
Acq: 20 Jan 2023 13:37

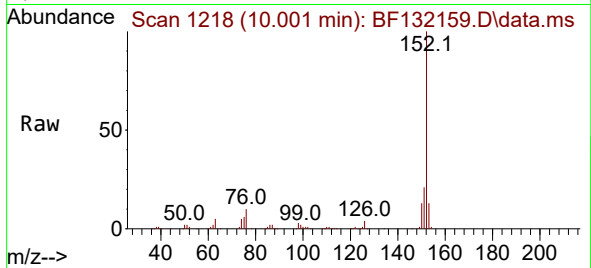
Tgt Ion: 65 Resp: 31987
Ion Ratio Lower Upper
65 100
92 68.4 53.8 80.6
138 106.8 78.7 118.1





#49
Acenaphthylene
Concen: 5.729 ng
RT: 10.001 min Scan# 1191
Delta R.T. -0.006 min
Lab File: BF132159.D
Acq: 20 Jan 2023 13:37

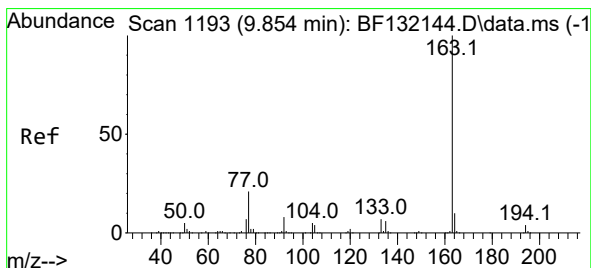
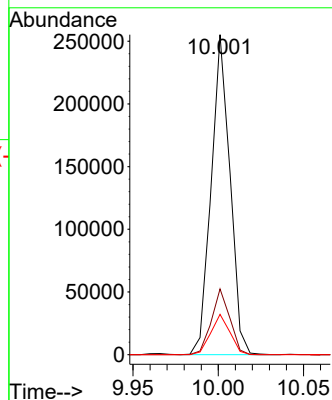
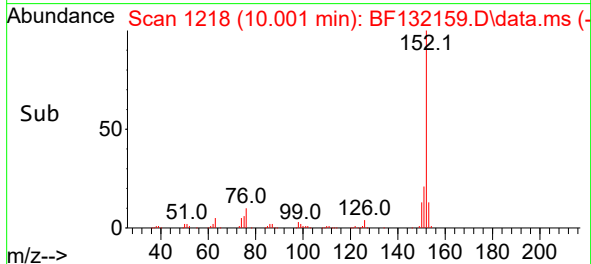
Instrument : BNA_F
ClientSampleId :
LOQ-WATER-02-QT3-2022



Tgt Ion:152 Resp: 195610
Ion Ratio Lower Upper
152 100
151 20.5 16.4 24.6
153 12.6 10.6 15.8

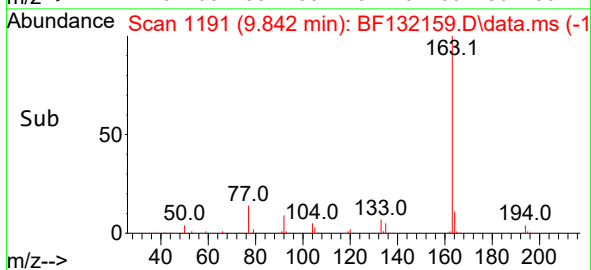
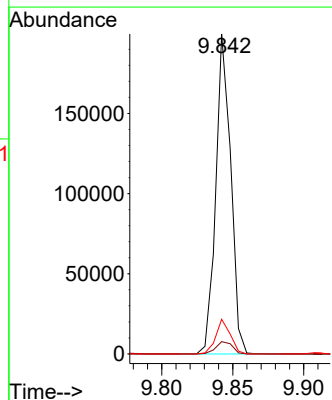
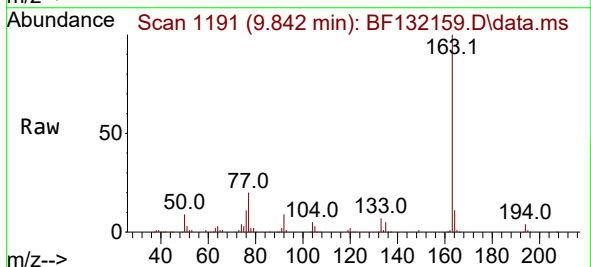
Manual Integrations
APPROVED

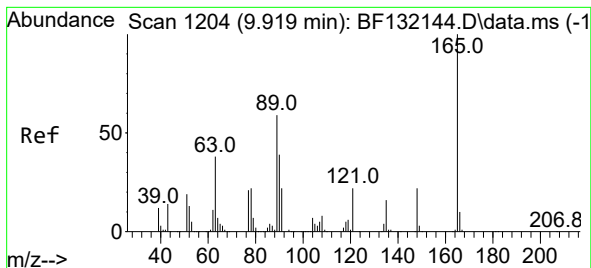
Reviewed By :Christian Giraldo 01/23/2023
Supervised By :Jagrut Upadhyay 01/23/2023



#50
Dimethylphthalate
Concen: 5.736 ng
RT: 9.842 min Scan# 1191
Delta R.T. -0.012 min
Lab File: BF132159.D
Acq: 20 Jan 2023 13:37

Tgt Ion:163 Resp: 145388
Ion Ratio Lower Upper
163 100
194 3.8 3.1 4.7
164 10.9 8.2 12.2





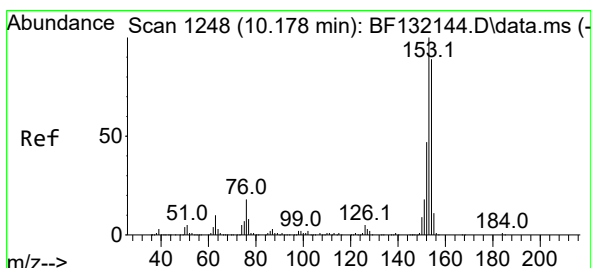
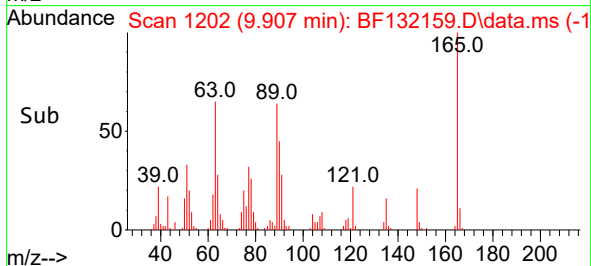
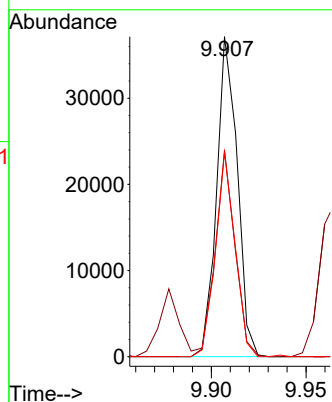
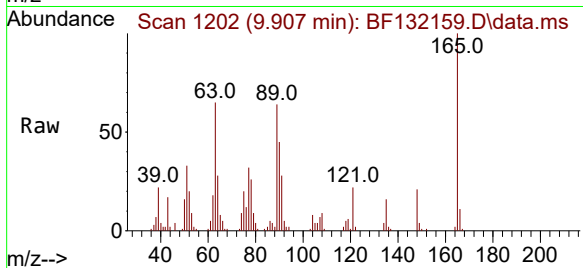
#51
2,6-Dinitrotoluene
Concen: 5.722 ng
RT: 9.907 min Scan# 1202
Delta R.T. -0.012 min
Lab File: BF132159.D
Acq: 20 Jan 2023 13:37

Instrument : BNA_F
ClientSampleId :
LOQ-WATER-02-QT3-2022

Tgt Ion:165 Resp: 2811
Ion Ratio Lower Upper
165 100
63 64.6 46.6 70.0
89 63.9 47.4 71.2

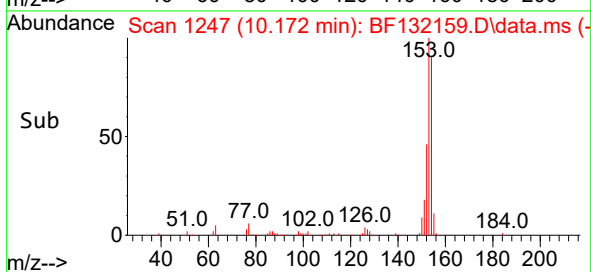
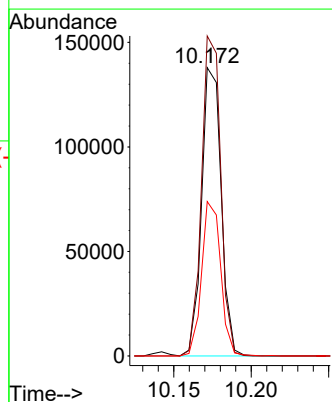
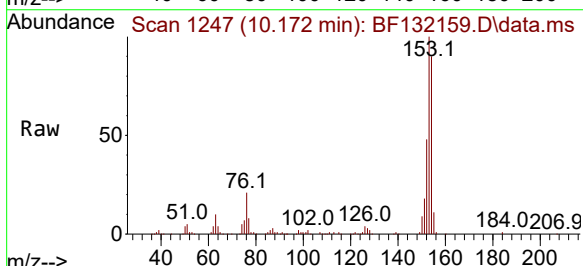
Manual Integrations
APPROVED

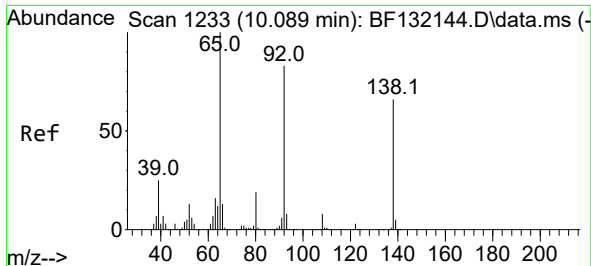
Reviewed By :Christian Giraldo 01/23/2023
Supervised By :Jagrut Upadhyay 01/23/2023



#52
Acenaphthene
Concen: 5.895 ng
RT: 10.172 min Scan# 1247
Delta R.T. -0.006 min
Lab File: BF132159.D
Acq: 20 Jan 2023 13:37

Tgt Ion:154 Resp: 121064
Ion Ratio Lower Upper
154 100
153 111.0 89.8 134.8
152 53.6 42.3 63.5





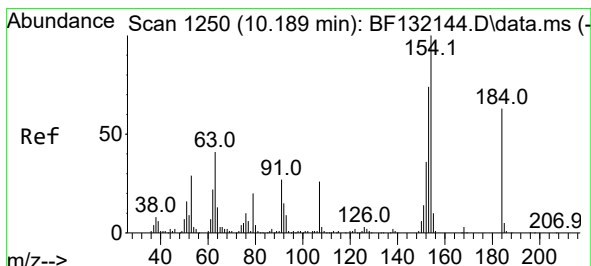
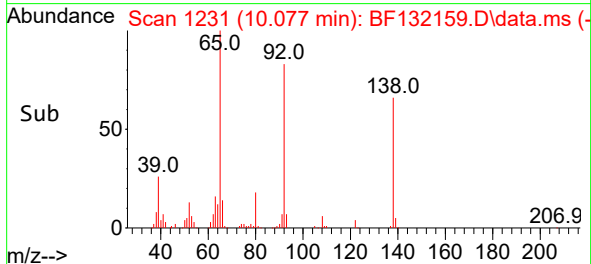
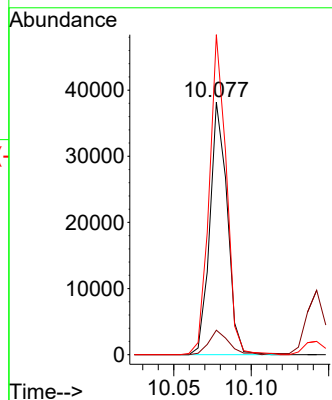
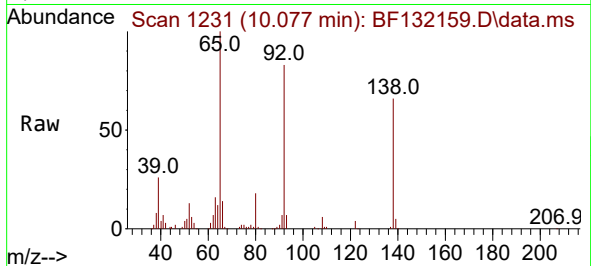
#53
3-Nitroaniline
Concen: 5.660 ng
RT: 10.077 min Scan# 1231
Delta R.T. -0.012 min
Lab File: BF132159.D
Acq: 20 Jan 2023 13:37

Instrument :
BNA_F
ClientSampleId :
LOQ-WATER-02-QT3-2022

Tgt Ion:138 Resp: 2973
Ion Ratio Lower Upper
138 100
108 9.7 9.1 13.7
92 126.8 101.2 151.8

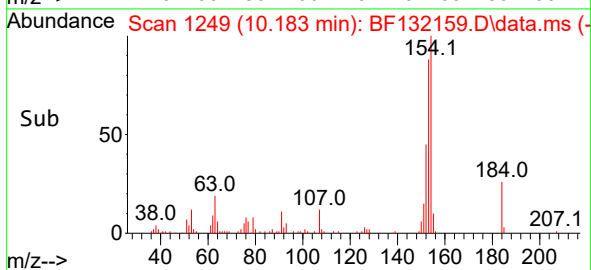
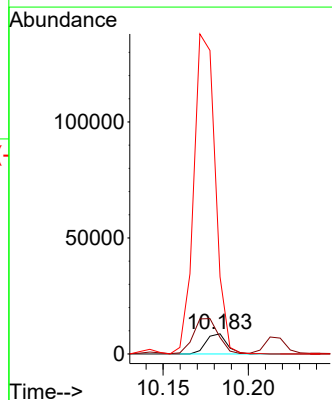
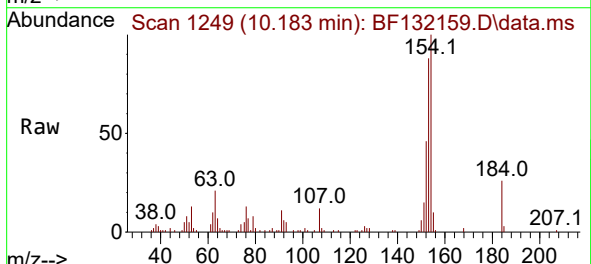
Manual Integrations
APPROVED

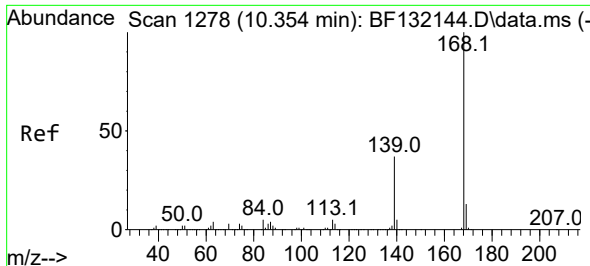
Reviewed By :Christian Giraldo 01/23/2023
Supervised By :Jagrut Upadhyay 01/23/2023



#54
2,4-Dinitrophenol
Concen: 3.960 ng
RT: 10.183 min Scan# 1249
Delta R.T. -0.006 min
Lab File: BF132159.D
Acq: 20 Jan 2023 13:37

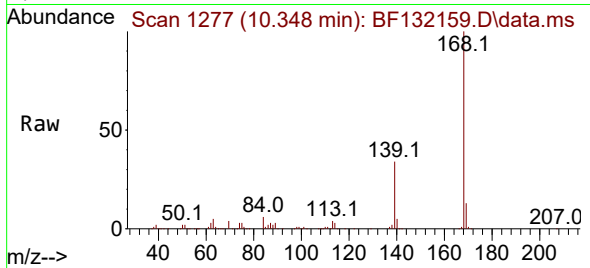
Tgt Ion:184 Resp: 7501
Ion Ratio Lower Upper
184 100
63 81.5 53.2 79.8#
154 381.5 129.4 194.0#





#55
Dibenzenofuran
Concen: 6.037 ng
RT: 10.348 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF132159.D
Acq: 20 Jan 2023 13:37

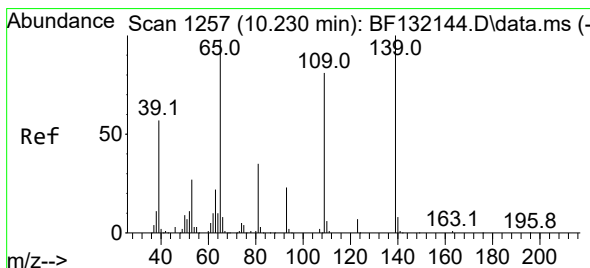
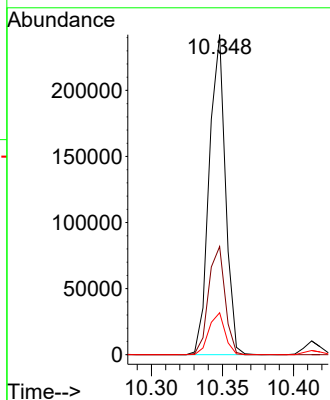
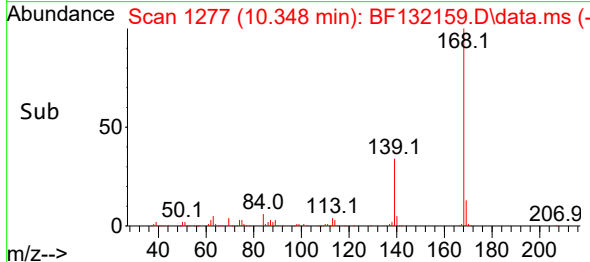
Instrument :
BNA_F
ClientSampleId :
LOQ-WATER-02-QT3-2022



Tgt Ion:168 Resp: 191594
Ion Ratio Lower Upper
168 100
139 33.8 29.8 44.8
169 13.1 10.3 15.5

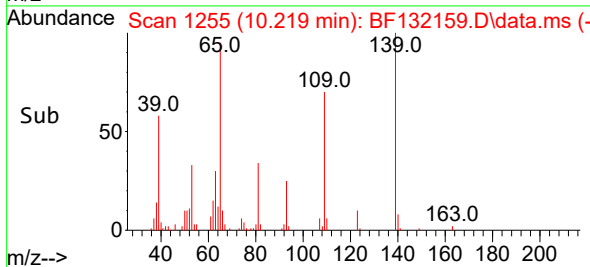
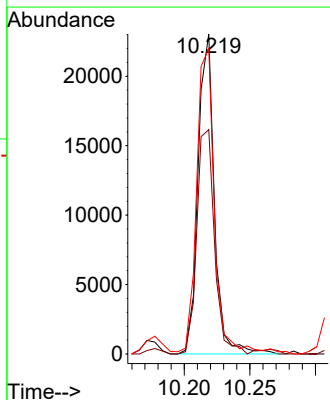
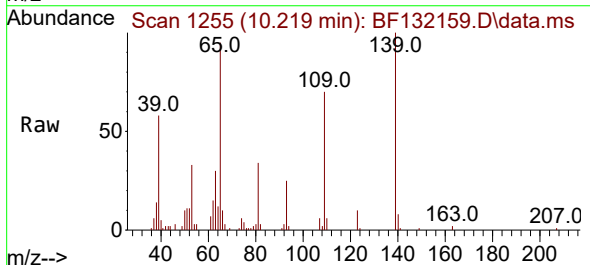
Manual Integrations
APPROVED

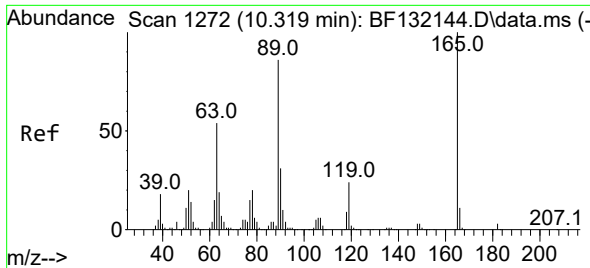
Reviewed By :Christian Giraldo 01/23/2023
Supervised By :Jagrut Upadhyay 01/23/2023



#56
4-Nitrophenol
Concen: 5.242 ng
RT: 10.219 min Scan# 1255
Delta R.T. -0.012 min
Lab File: BF132159.D
Acq: 20 Jan 2023 13:37

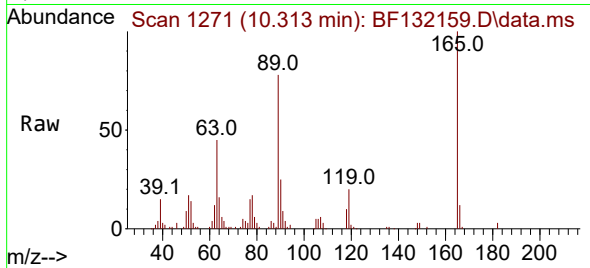
Tgt Ion:139 Resp: 20038
Ion Ratio Lower Upper
139 100
109 70.1 61.0 101.0
65 95.4 79.3 119.3





#57
2,4-Dinitrotoluene
Concen: 5.544 ng
RT: 10.313 min Scan# 1271
Delta R.T. -0.006 min
Lab File: BF132159.D
Acq: 20 Jan 2023 13:37

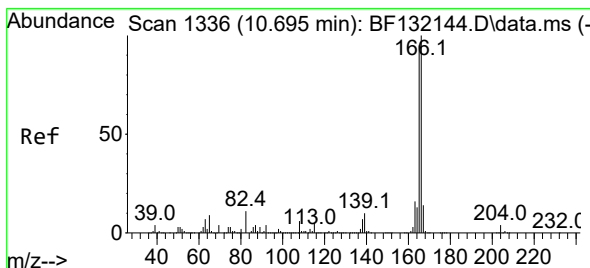
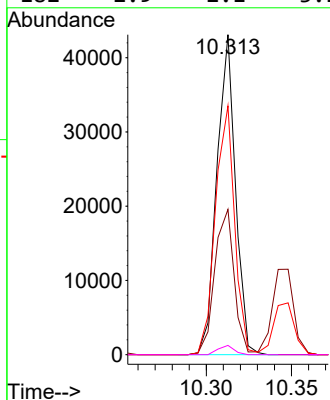
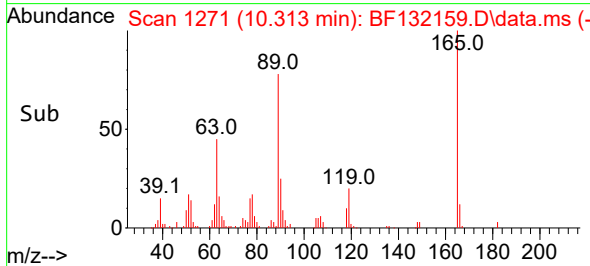
Instrument :
BNA_F
ClientSampleId :
LOQ-WATER-02-QT3-2022



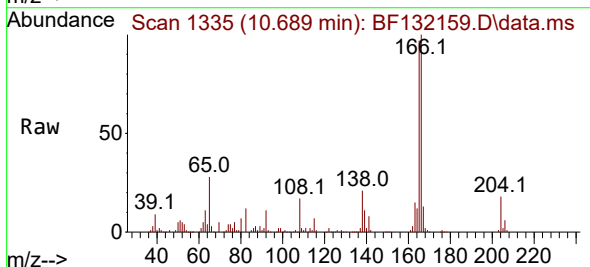
Tgt Ion:165 Resp: 3269
Ion Ratio Lower Upper
165 100
63 45.4 43.5 65.3
89 77.8 69.0 103.6
182 2.9 2.1 3.1

Manual Integrations
APPROVED

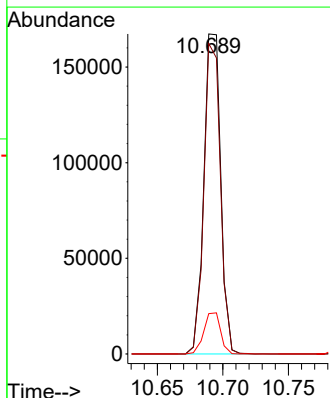
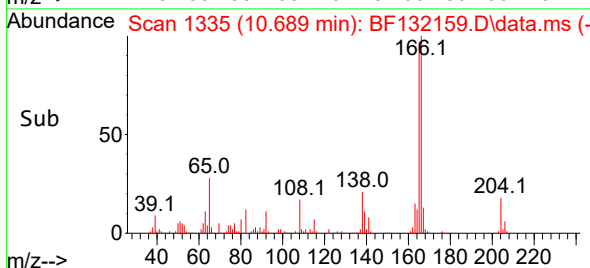
Reviewed By :Christian Giraldo 01/23/2023
Supervised By :Jagrut Upadhyay 01/23/2023

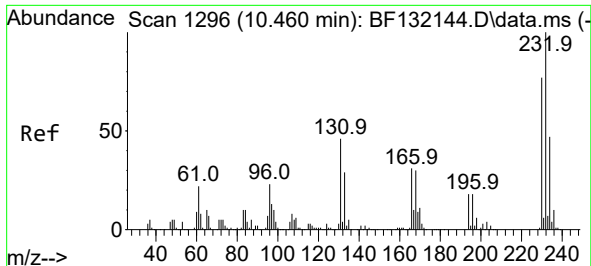


#58
Fluorene
Concen: 6.386 ng
RT: 10.689 min Scan# 1335
Delta R.T. -0.006 min
Lab File: BF132159.D
Acq: 20 Jan 2023 13:37



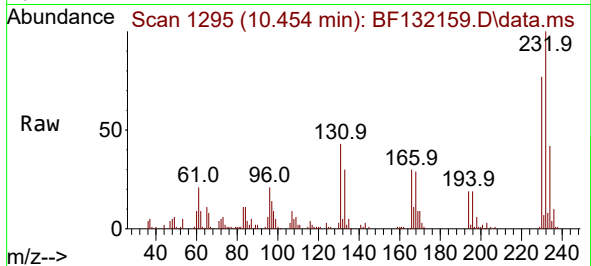
Tgt Ion:166 Resp: 150177
Ion Ratio Lower Upper
166 100
165 97.0 76.4 114.6
167 12.6 11.0 16.4





#59
2,3,4,6-Tetrachlorophenol
Concen: 5.513 ng
RT: 10.454 min Scan# 1295
Delta R.T. -0.006 min
Lab File: BF132159.D
Acq: 20 Jan 2023 13:37

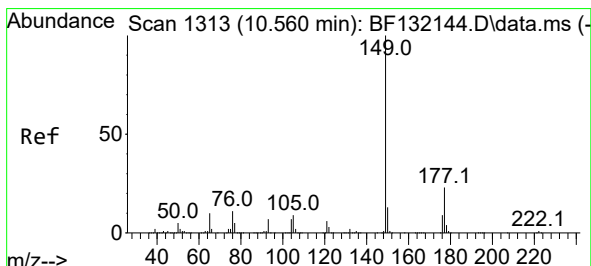
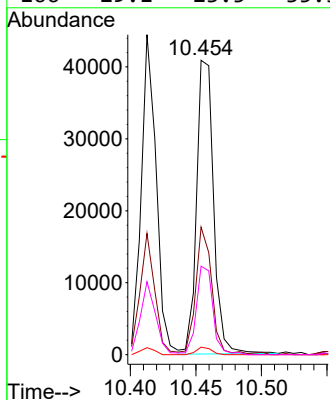
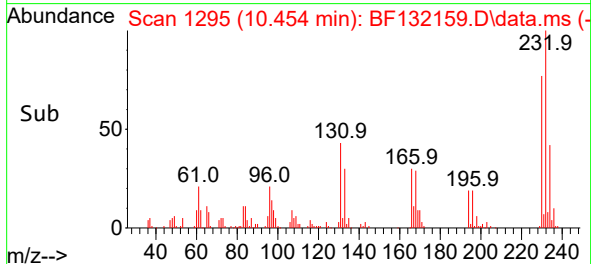
Instrument :
BNA_F
ClientSampleId :
LOQ-WATER-02-QT3-2022



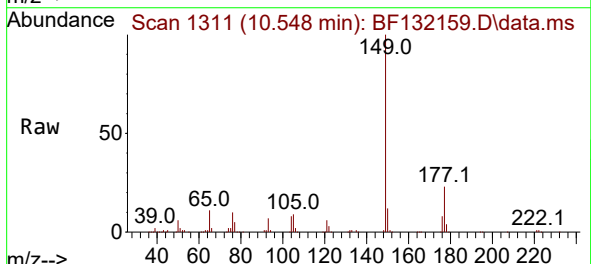
Tgt Ion:232 Resp: 37061
Ion Ratio Lower Upper
232 100
131 41.3 33.8 50.6
130 2.3 1.9 2.9
166 29.1 23.5 35.3

Manual Integrations
APPROVED

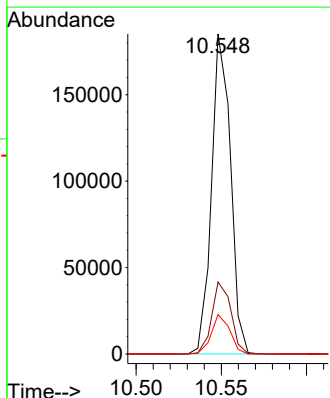
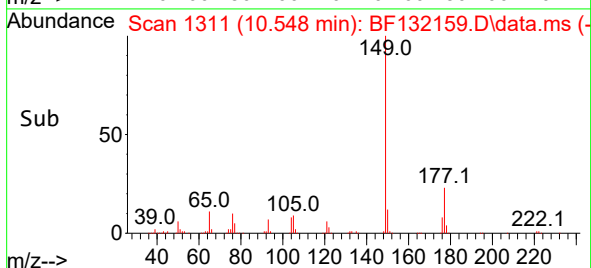
Reviewed By :Christian Giraldo 01/23/2023
Supervised By :Jagrut Upadhyay 01/23/2023

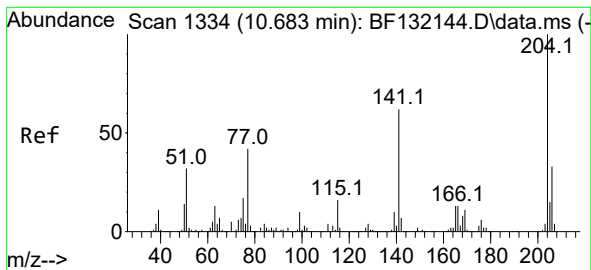


#60
Diethylphthalate
Concen: 5.766 ng
RT: 10.548 min Scan# 1311
Delta R.T. -0.012 min
Lab File: BF132159.D
Acq: 20 Jan 2023 13:37



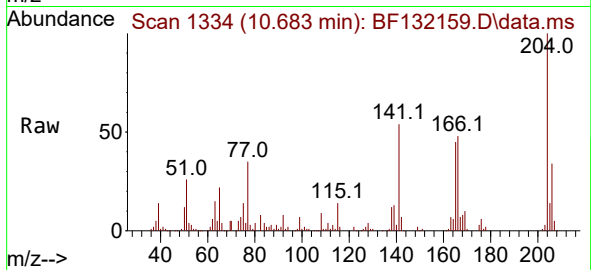
Tgt Ion:149 Resp: 143312
Ion Ratio Lower Upper
149 100
177 22.5 18.4 27.6
150 12.3 10.1 15.1





#61
4-Chlorophenyl-phenylether
Concen: 5.999 ng
RT: 10.683 min Scan# 11
Delta R.T. -0.000 min
Lab File: BF132159.D
Acq: 20 Jan 2023 13:37

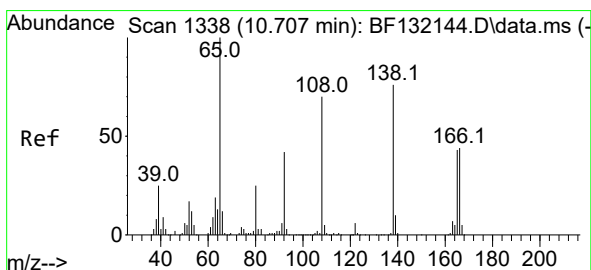
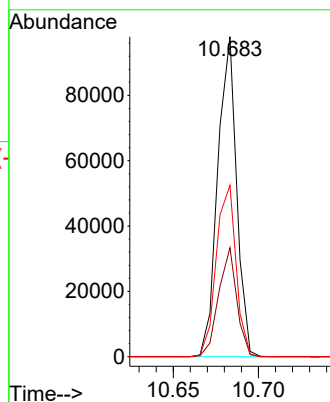
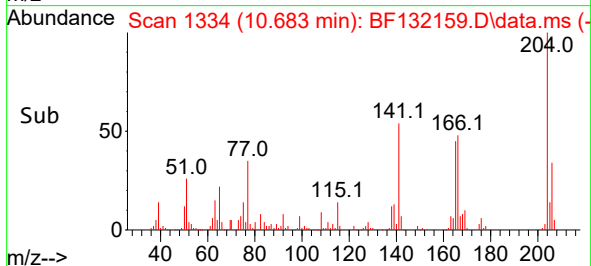
Instrument :
BNA_F
ClientSampleId :
LOQ-WATER-02-QT3-2022



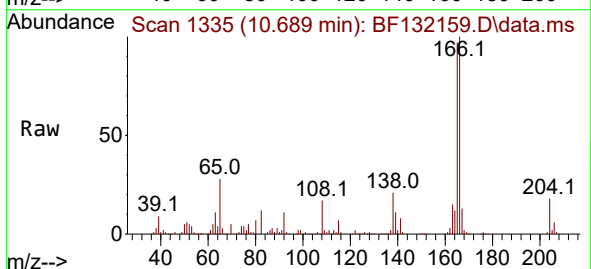
Tgt Ion:204 Resp: 75540
Ion Ratio Lower Upper
204 100
206 34.0 26.4 39.6
141 53.5 49.2 73.8

Manual Integrations
APPROVED

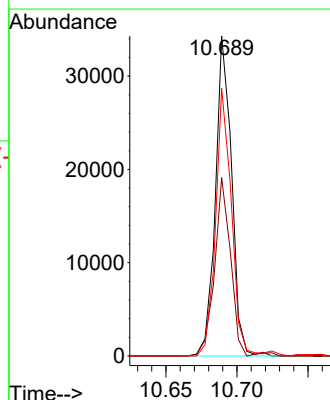
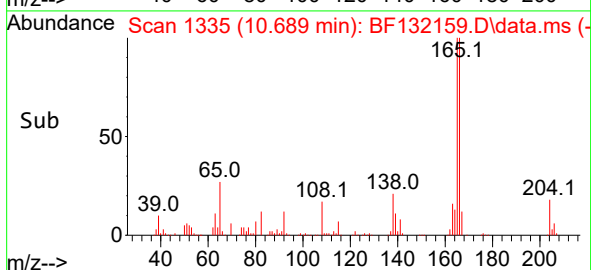
Reviewed By :Christian Giraldo 01/23/2023
Supervised By :Jagrut Upadhyay 01/23/2023

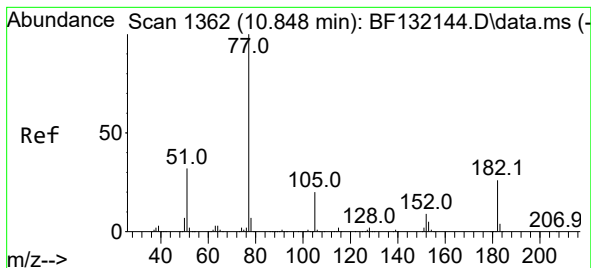


#62
4-Nitroaniline
Concen: 5.554 ng
RT: 10.689 min Scan# 1335
Delta R.T. -0.018 min
Lab File: BF132159.D
Acq: 20 Jan 2023 13:37



Tgt Ion:138 Resp: 27162
Ion Ratio Lower Upper
138 100
92 55.7 35.9 75.9
108 83.6 72.0 112.0





#63

Azobenzene

Concen: 5.663 ng

RT: 10.842 min Scan# 14126

Delta R.T. -0.006 min

Lab File: BF132159.D

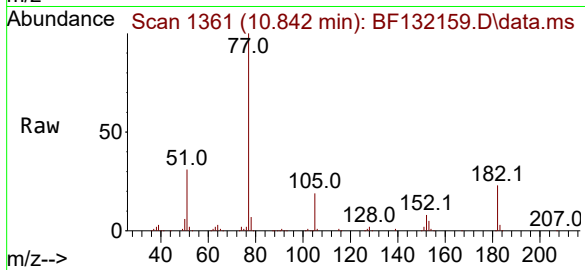
Acq: 20 Jan 2023 13:37

Instrument :

BNA_F

ClientSampleId :

LOQ-WATER-02-QT3-2022



Tgt Ion: 77 Resp: 14126

Ion Ratio Lower Upper

77 100

182 22.6 6.4 46.4

105 18.7 0.0 39.8

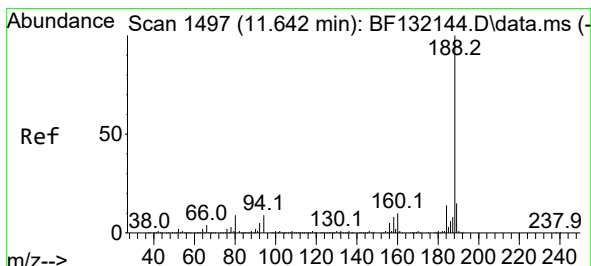
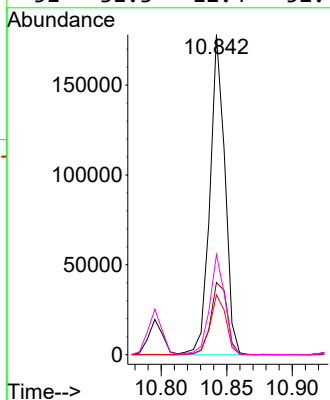
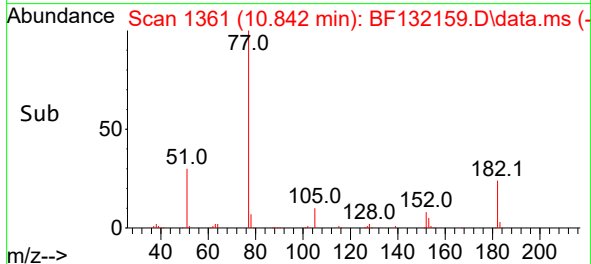
51 31.3 12.4 52.4

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 01/23/2023

Supervised By :Jagrut Upadhyay 01/23/2023



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.642 min Scan# 1497

Delta R.T. 0.000 min

Lab File: BF132159.D

Acq: 20 Jan 2023 13:37

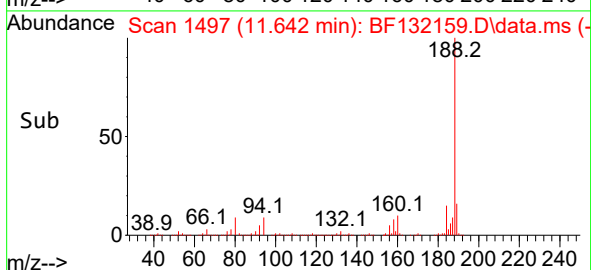
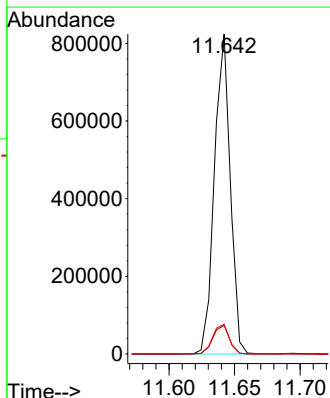
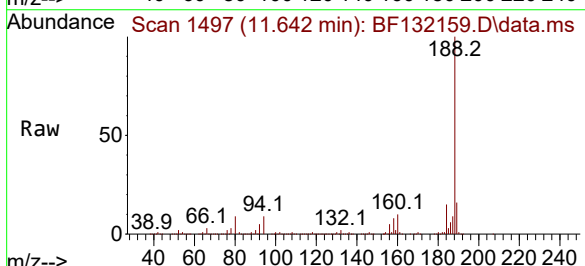
Tgt Ion:188 Resp: 690354

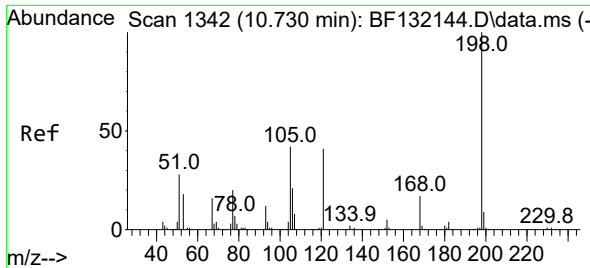
Ion Ratio Lower Upper

188 100

94 8.9 6.9 10.3

80 9.3 7.5 11.3





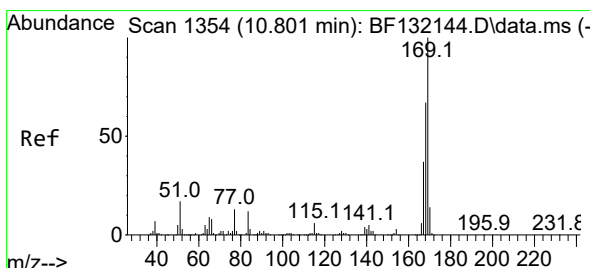
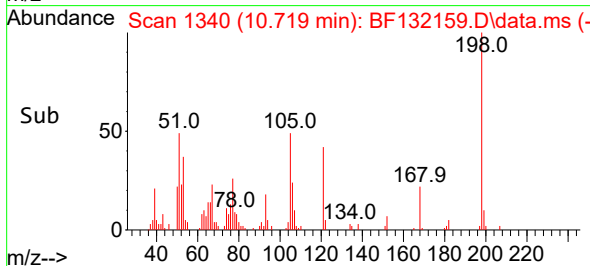
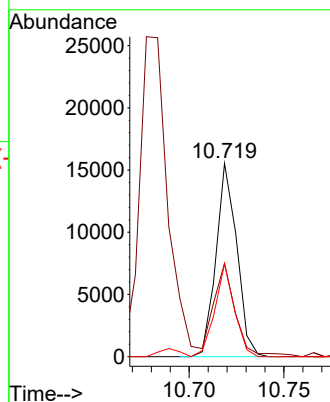
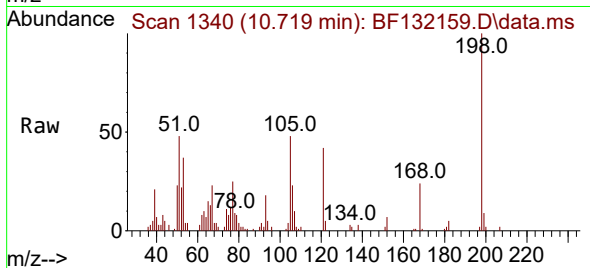
#65
4,6-Dinitro-2-methylphenol
Concen: 3.970 ng
RT: 10.719 min Scan# 1188
Delta R.T. -0.011 min
Lab File: BF132159.D
Acq: 20 Jan 2023 13:37

Instrument :
BNA_F
ClientSampleId :
LOQ-WATER-02-QT3-2022

Tgt Ion:198 Resp: 1188
Ion Ratio Lower Upper
198 100
51 48.2 24.3 64.3
105 48.0 23.3 63.3

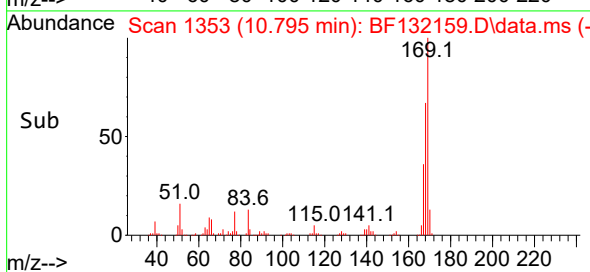
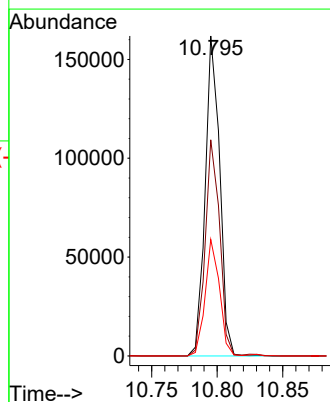
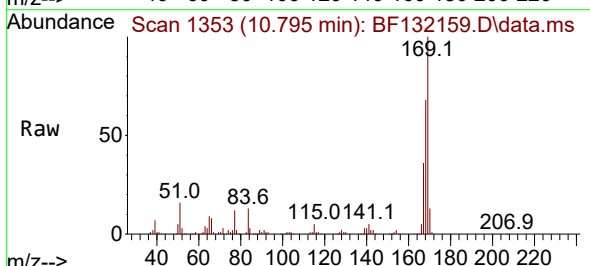
Manual Integrations
APPROVED

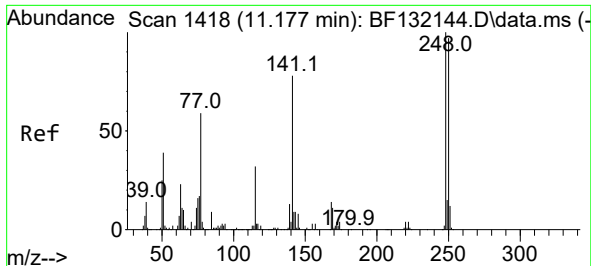
Reviewed By :Christian Giraldo 01/23/2023
Supervised By :Jagrut Upadhyay 01/23/2023



#66
n-Nitrosodiphenylamine
Concen: 5.651 ng
RT: 10.795 min Scan# 1353
Delta R.T. -0.006 min
Lab File: BF132159.D
Acq: 20 Jan 2023 13:37

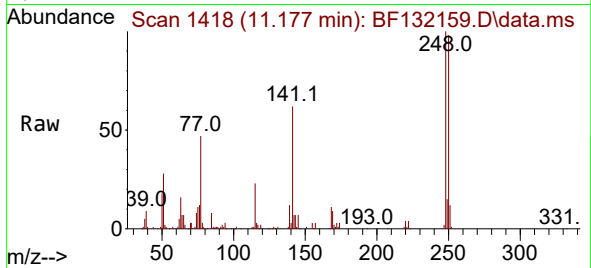
Tgt Ion:169 Resp: 124944
Ion Ratio Lower Upper
169 100
168 67.6 53.4 80.0
167 36.4 29.7 44.5





#67
4-Bromophenyl-phenylether
Concen: 5.476 ng
RT: 11.177 min Scan# 1418
Delta R.T. -0.000 min
Lab File: BF132159.D
Acq: 20 Jan 2023 13:37

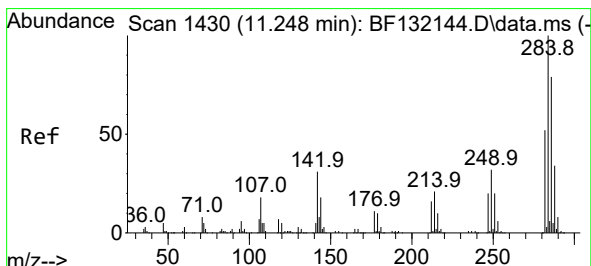
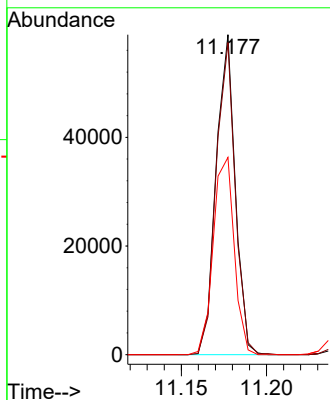
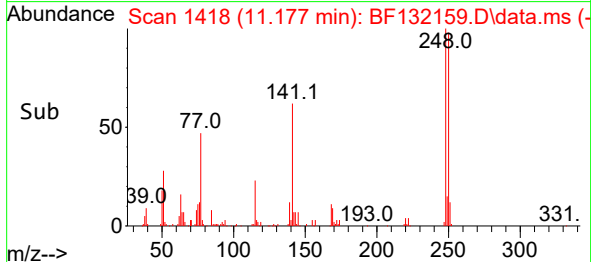
Instrument :
BNA_F
ClientSampleId :
LOQ-WATER-02-QT3-2022



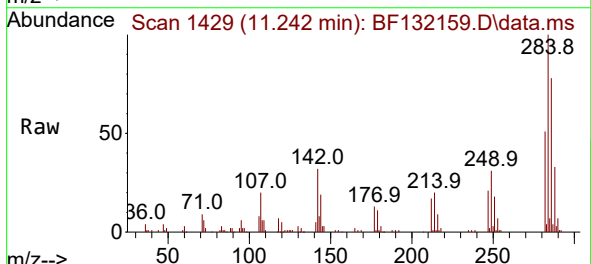
Tgt Ion:248 Resp: 46070
Ion Ratio Lower Upper
248 100
250 97.6 77.4 116.0
141 61.6 62.2 93.2

Manual Integrations
APPROVED

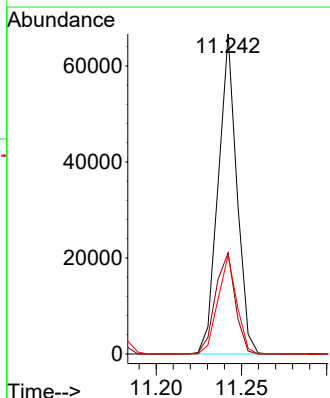
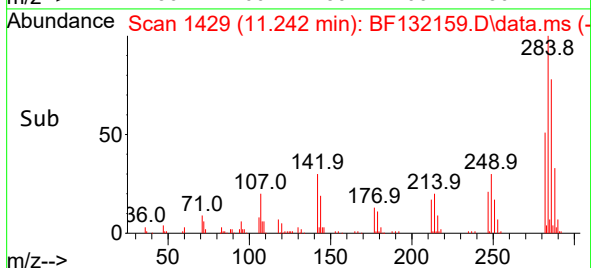
Reviewed By :Christian Giraldo 01/23/2023
Supervised By :Jagrut Upadhyay 01/23/2023

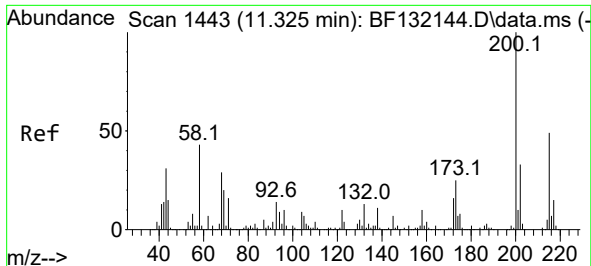


#68
Hexachlorobenzene
Concen: 6.036 ng
RT: 11.242 min Scan# 1429
Delta R.T. -0.006 min
Lab File: BF132159.D
Acq: 20 Jan 2023 13:37



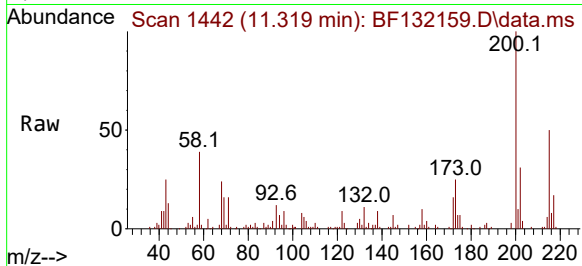
Tgt Ion:284 Resp: 50482
Ion Ratio Lower Upper
284 100
142 31.6 24.7 37.1
249 30.9 25.6 38.4





#69
 Atrazine
 Concen: 5.509 ng
 RT: 11.319 min Scan# 1442
 Delta R.T. -0.006 min
 Lab File: BF132159.D
 Acq: 20 Jan 2023 13:37

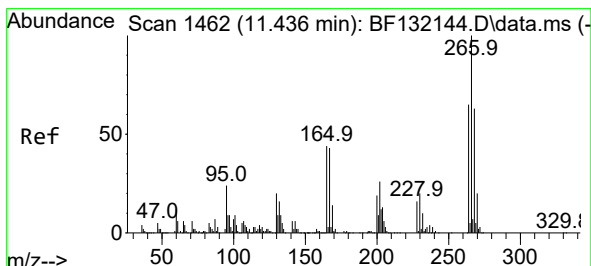
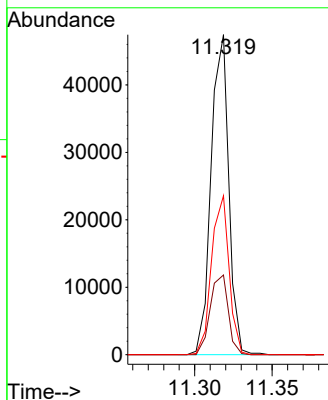
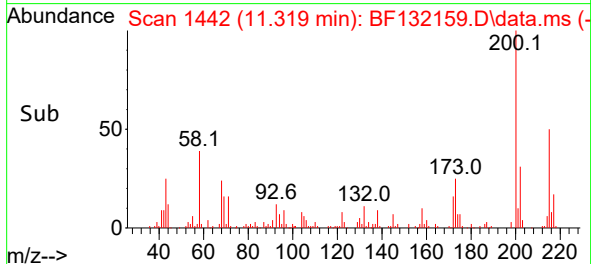
Instrument :
 BNA_F
 ClientSampleId :
 LOQ-WATER-02-QT3-2022



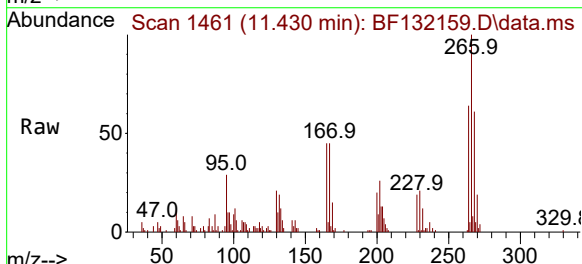
Tgt Ion:200 Resp: 37582
 Ion Ratio Lower Upper
 200 100
 173 24.9 5.0 45.0
 215 49.7 28.6 68.6

Manual Integrations
 APPROVED

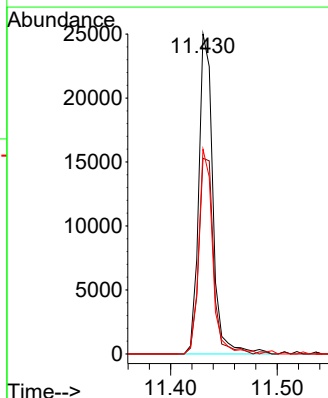
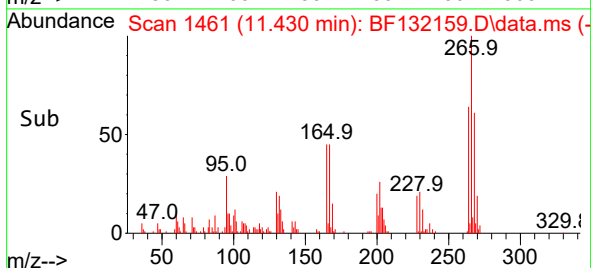
Reviewed By :Christian Giraldo 01/23/2023
 Supervised By :Jagrut Upadhyay 01/23/2023

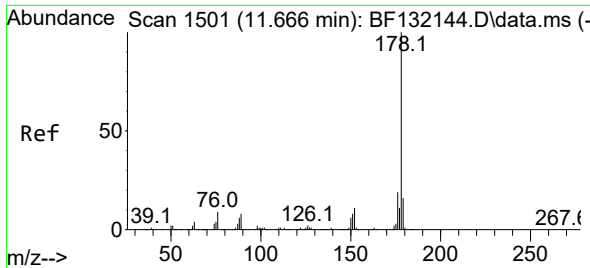


#70
 Pentachlorophenol
 Concen: 4.298 ng
 RT: 11.430 min Scan# 1461
 Delta R.T. -0.006 min
 Lab File: BF132159.D
 Acq: 20 Jan 2023 13:37



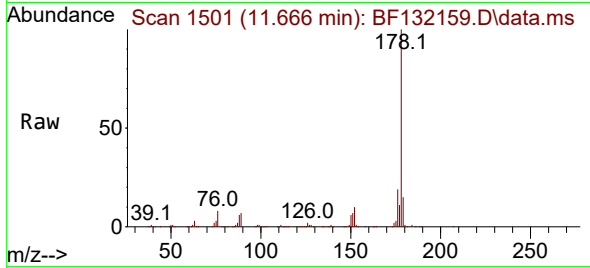
Tgt Ion:266 Resp: 23098
 Ion Ratio Lower Upper
 266 100
 268 61.1 50.8 76.2
 264 64.0 52.3 78.5





#71
Phenanthrene
Concen: 6.117 ng
RT: 11.666 min Scan# 1501
Delta R.T. -0.000 min
Lab File: BF132159.D
Acq: 20 Jan 2023 13:37

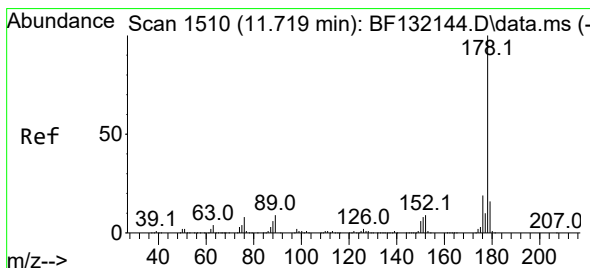
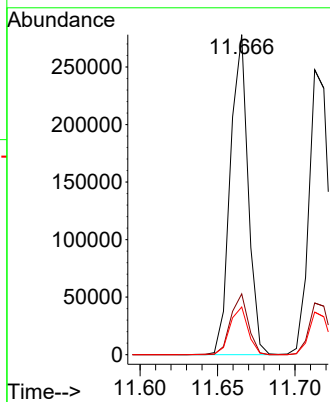
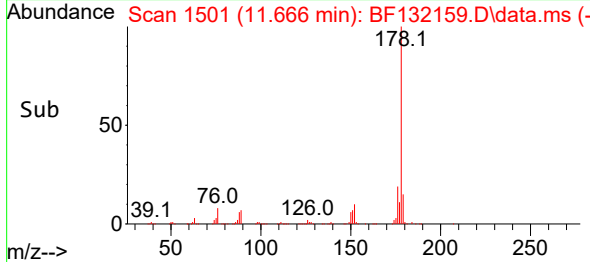
Instrument : BNA_F
ClientSampleId :
LOQ-WATER-02-QT3-2022



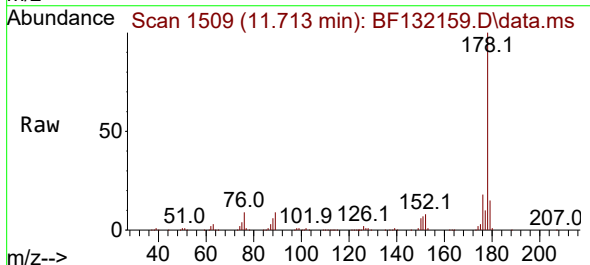
Tgt Ion:178 Resp: 221612
Ion Ratio Lower Upper
178 100
176 19.0 15.5 23.3
179 14.9 12.6 19.0

Manual Integrations
APPROVED

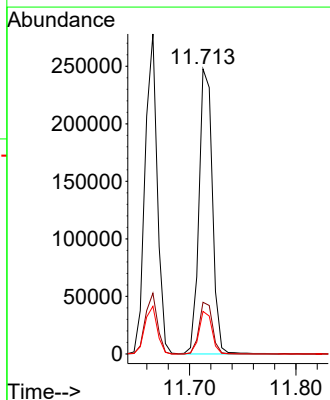
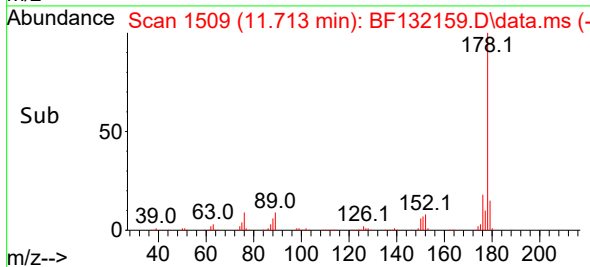
Reviewed By :Christian Giraldo 01/23/2023
Supervised By :Jagrut Upadhyay 01/23/2023

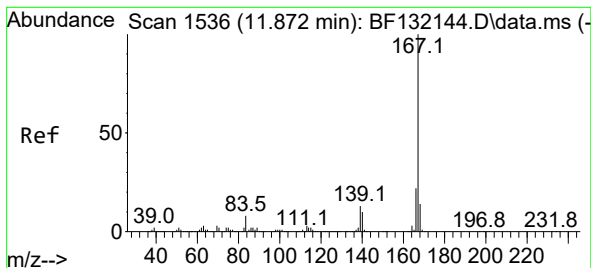


#72
Anthracene
Concen: 5.943 ng
RT: 11.713 min Scan# 1509
Delta R.T. -0.006 min
Lab File: BF132159.D
Acq: 20 Jan 2023 13:37



Tgt Ion:178 Resp: 217821
Ion Ratio Lower Upper
178 100
176 18.1 15.3 22.9
179 14.9 12.6 18.8





#73

Carbazole

Concen: 6.258 ng

RT: 11.866 min Scan# 1536

Delta R.T. -0.006 min

Lab File: BF132159.D

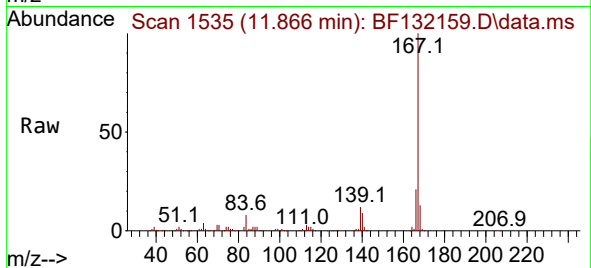
Acq: 20 Jan 2023 13:37

Instrument :

BNA_F

ClientSampleId :

LOQ-WATER-02-QT3-2022



Tgt Ion:167 Resp: 19590

Ion Ratio Lower Upper

167 100

166 20.9 17.7 26.5

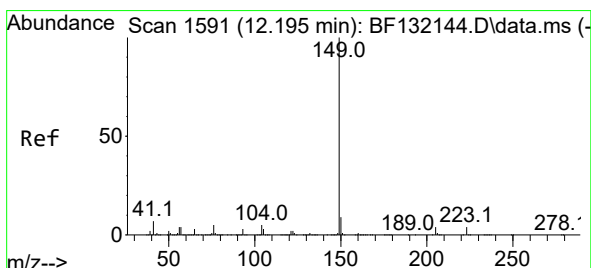
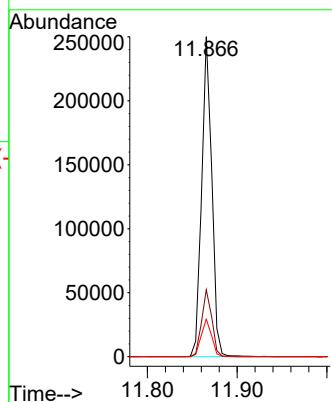
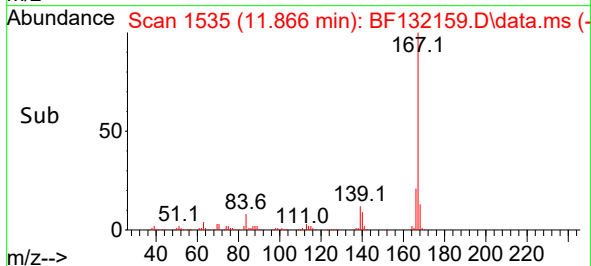
139 11.7 10.5 15.7

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 01/23/2023

Supervised By :Jagrut Upadhyay 01/23/2023



#74

Di-n-butylphthalate

Concen: 5.896 ng

RT: 12.189 min Scan# 1590

Delta R.T. -0.006 min

Lab File: BF132159.D

Acq: 20 Jan 2023 13:37

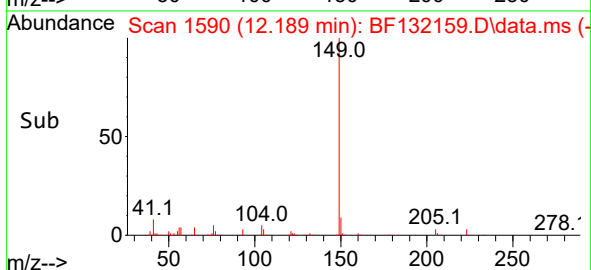
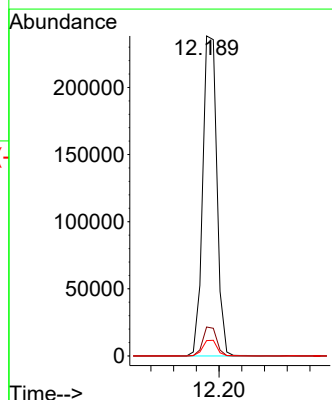
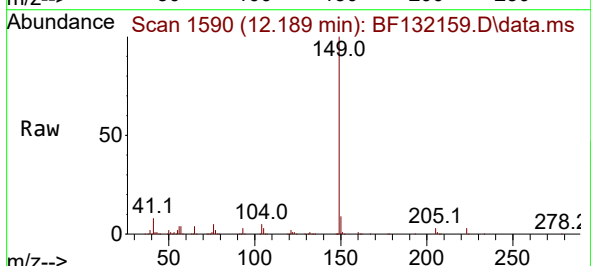
Tgt Ion:149 Resp: 205477

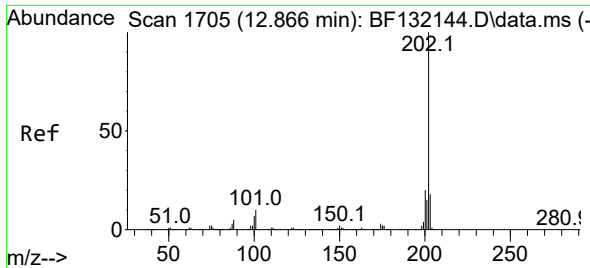
Ion Ratio Lower Upper

149 100

150 9.1 7.5 11.3

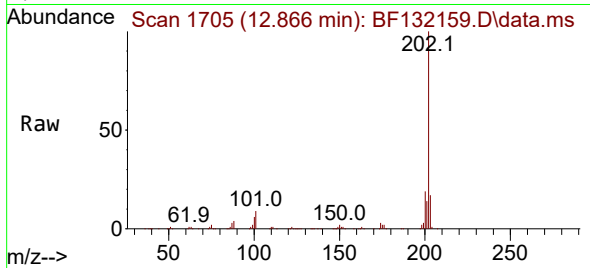
104 4.8 4.3 6.5





#75
Fluoranthene
Concen: 6.350 ng
RT: 12.866 min Scan# 1705
Delta R.T. -0.000 min
Lab File: BF132159.D
Acq: 20 Jan 2023 13:37

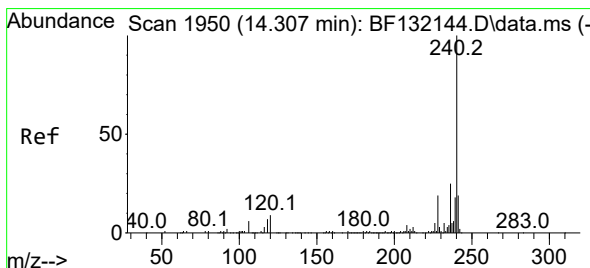
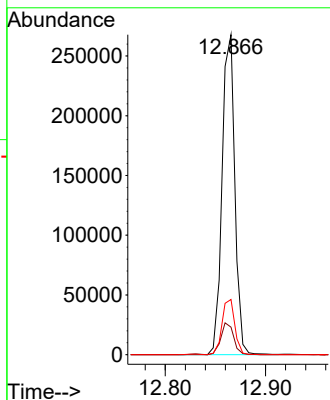
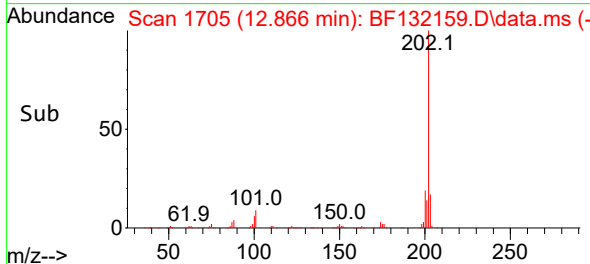
Instrument :
BNA_F
ClientSampleId :
LOQ-WATER-02-QT3-2022



Tgt Ion:202 Resp: 236310
Ion Ratio Lower Upper
202 100
101 8.6 0.0 29.6
203 17.3 0.0 37.9

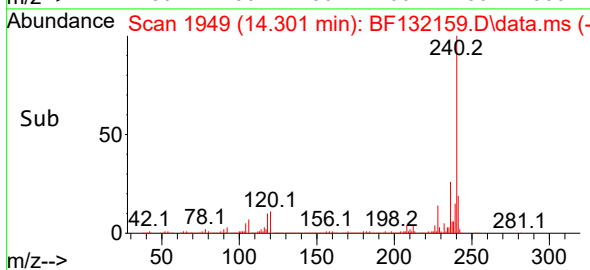
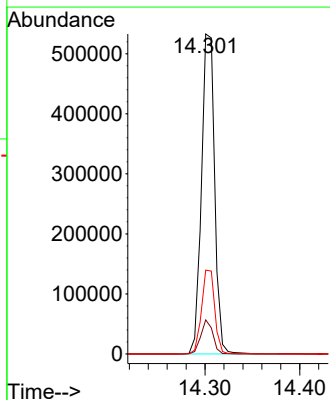
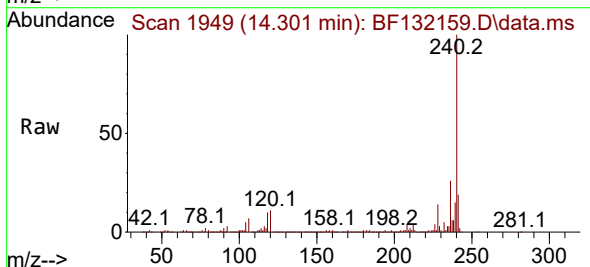
Manual Integrations
APPROVED

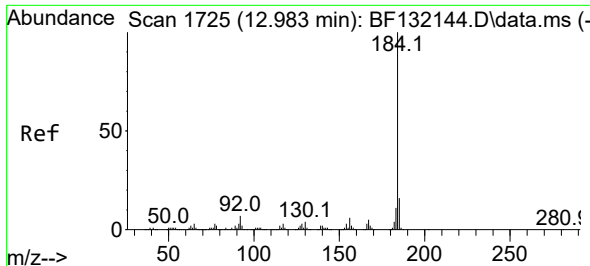
Reviewed By :Christian Giraldo 01/23/2023
Supervised By :Jagrut Upadhyay 01/23/2023



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.301 min Scan# 1949
Delta R.T. -0.006 min
Lab File: BF132159.D
Acq: 20 Jan 2023 13:37

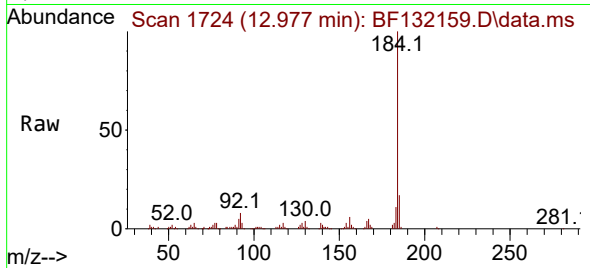
Tgt Ion:240 Resp: 514471
Ion Ratio Lower Upper
240 100
120 10.7 6.9 10.3#
236 26.2 20.3 30.5





#77
Benzidine
Concen: 5.104 ng
RT: 12.977 min Scan# 1724
Delta R.T. -0.006 min
Lab File: BF132159.D
Acq: 20 Jan 2023 13:37

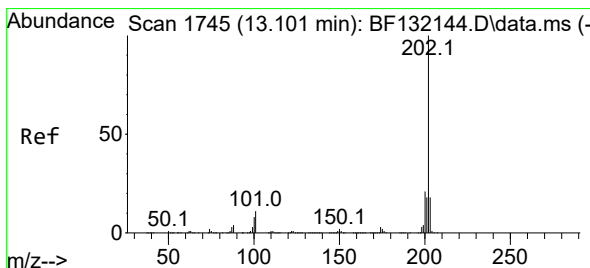
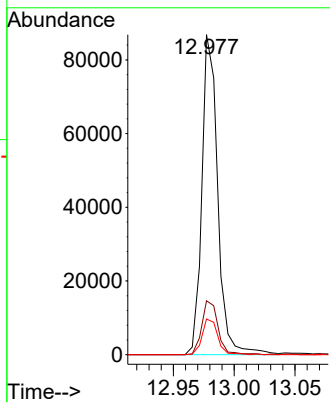
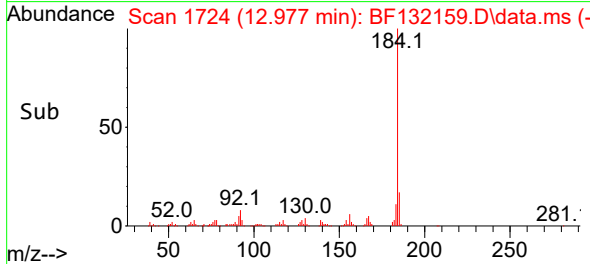
Instrument : BNA_F
ClientSampleId :
LOQ-WATER-02-QT3-2022



Tgt Ion:184 Resp: 78840
Ion Ratio Lower Upper
184 100
185 16.9 12.5 18.7
183 11.2 9.0 13.4

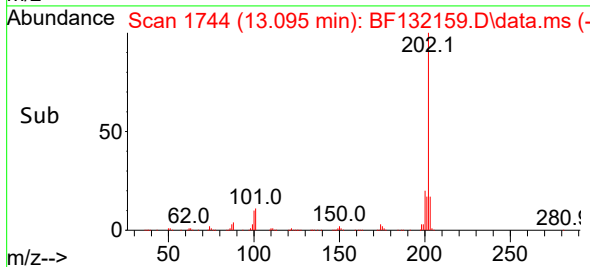
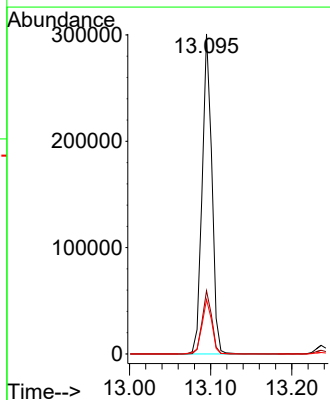
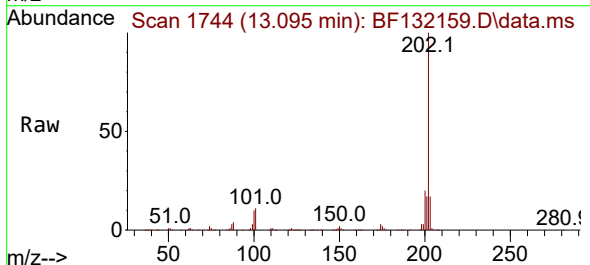
Manual Integrations
APPROVED

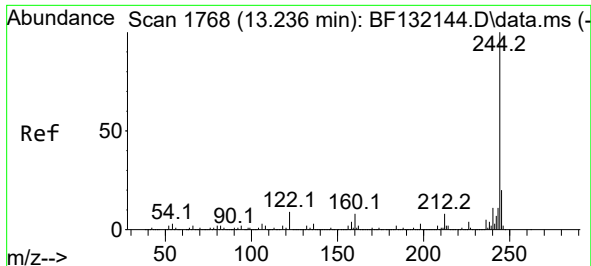
Reviewed By :Christian Giraldo 01/23/2023
Supervised By :Jagrut Upadhyay 01/23/2023



#78
Pyrene
Concen: 5.245 ng
RT: 13.095 min Scan# 1744
Delta R.T. -0.006 min
Lab File: BF132159.D
Acq: 20 Jan 2023 13:37

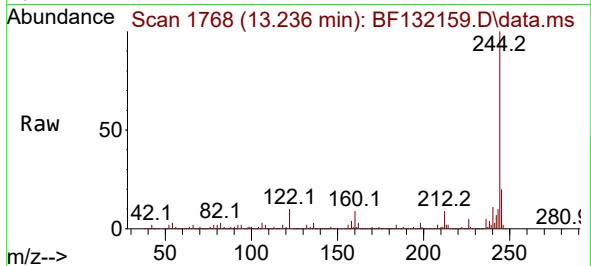
Tgt Ion:202 Resp: 248706
Ion Ratio Lower Upper
202 100
200 19.8 16.7 25.1
203 17.0 14.0 21.0





#79
 Terphenyl-d14
 Concen: 59.210 ng
 RT: 13.236 min Scan# 1768
 Delta R.T. 0.000 min
 Lab File: BF132159.D
 Acq: 20 Jan 2023 13:37

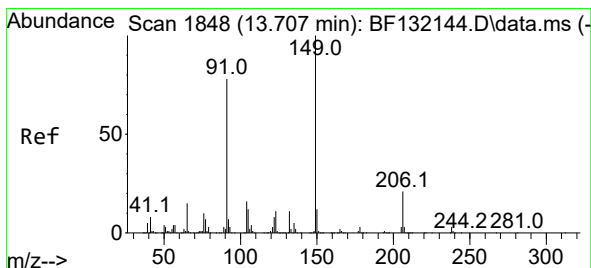
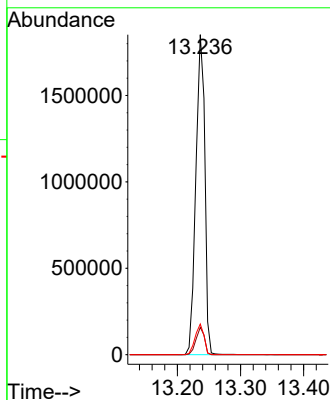
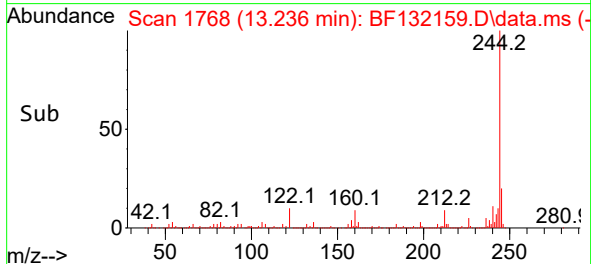
Instrument :
 BNA_F
 ClientSampleId :
 LOQ-WATER-02-QT3-2022



Tgt Ion:244 Resp: 1818489
 Ion Ratio Lower Upper
 244 100
 212 8.5 6.7 10.1
 122 9.6 7.4 11.2

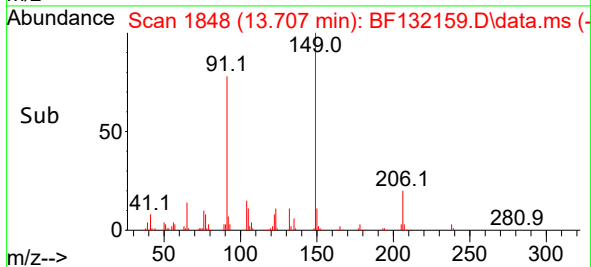
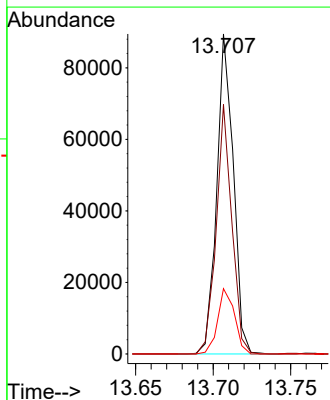
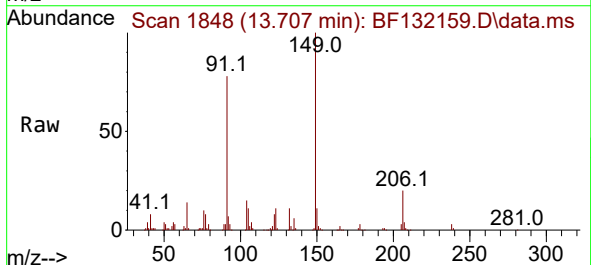
Manual Integrations
 APPROVED

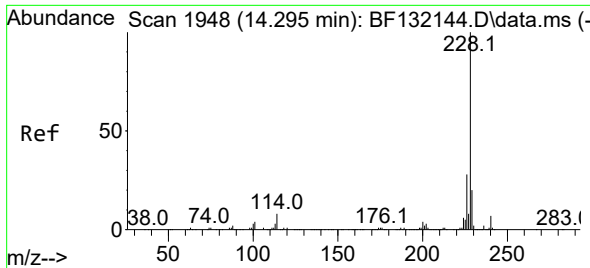
Reviewed By :Christian Giraldo 01/23/2023
 Supervised By :Jagrut Upadhyay 01/23/2023



#80
 Butylbenzylphthalate
 Concen: 4.830 ng
 RT: 13.707 min Scan# 1848
 Delta R.T. -0.000 min
 Lab File: BF132159.D
 Acq: 20 Jan 2023 13:37

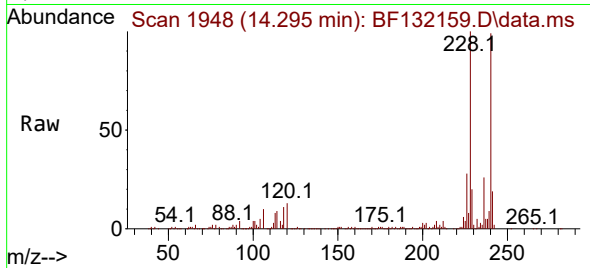
Tgt Ion:149 Resp: 66362
 Ion Ratio Lower Upper
 149 100
 91 78.0 62.6 94.0
 206 20.4 16.4 24.6





#81
Benzo(a)anthracene
Concen: 5.471 ng
RT: 14.295 min Scan# 1948
Delta R.T. -0.000 min
Lab File: BF132159.D
Acq: 20 Jan 2023 13:37

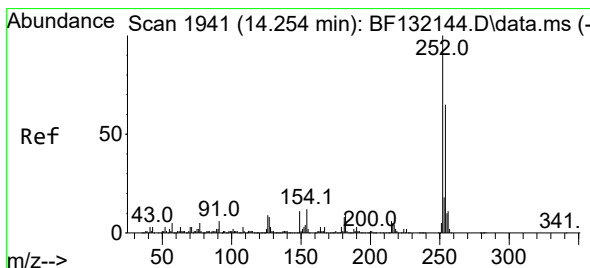
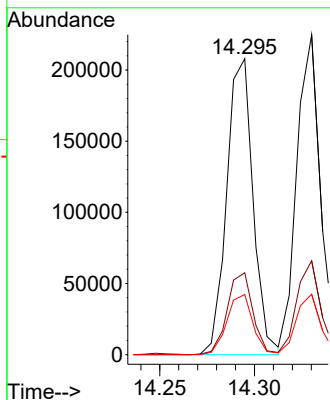
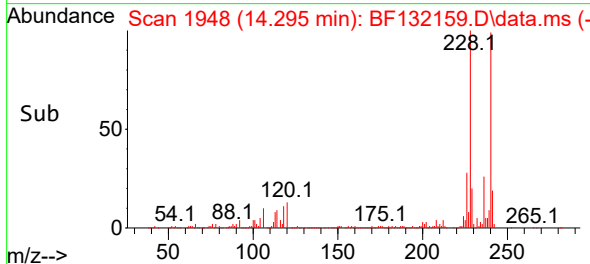
Instrument : BNA_F
ClientSampleId :
LOQ-WATER-02-QT3-2022



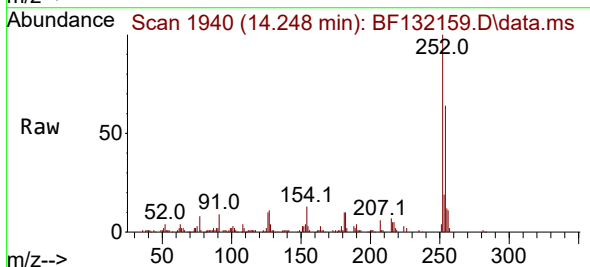
Tgt Ion:228 Resp: 201074
Ion Ratio Lower Upper
228 100
226 27.7 22.5 33.7
229 20.3 16.1 24.1

Manual Integrations
APPROVED

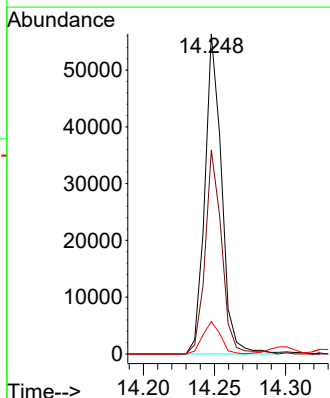
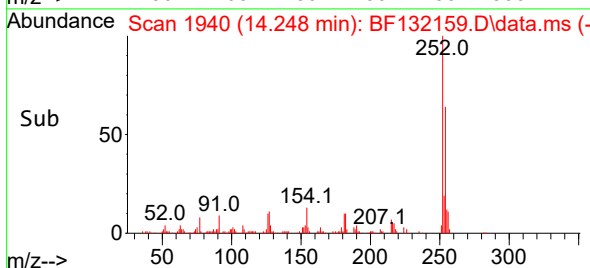
Reviewed By :Christian Giraldo 01/23/2023
Supervised By :Jagrut Upadhyay 01/23/2023

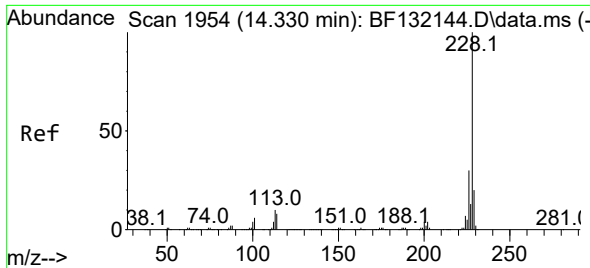


#82
3,3'-Dichlorobenzidine
Concen: 4.531 ng
RT: 14.248 min Scan# 1940
Delta R.T. -0.006 min
Lab File: BF132159.D
Acq: 20 Jan 2023 13:37



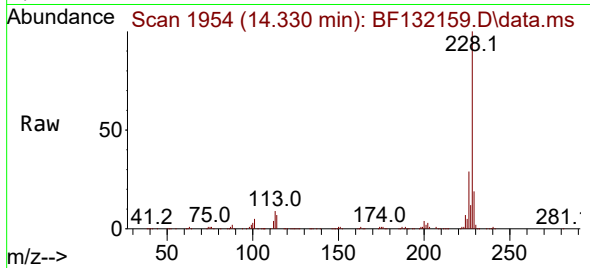
Tgt Ion:252 Resp: 46374
Ion Ratio Lower Upper
252 100
254 63.7 52.4 78.6
126 10.2 7.0 10.6





#83
Chrysene
Concen: 5.559 ng
RT: 14.330 min Scan# 1954
Delta R.T. 0.000 min
Lab File: BF132159.D
Acq: 20 Jan 2023 13:37

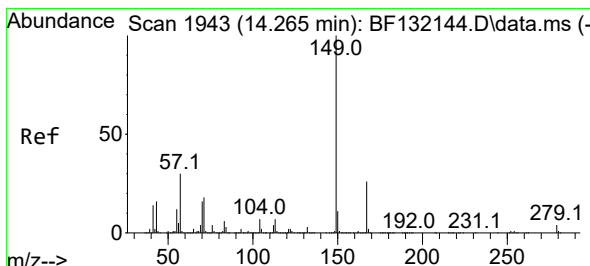
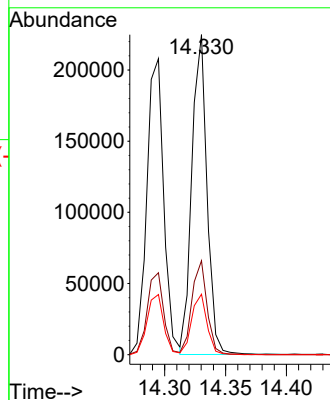
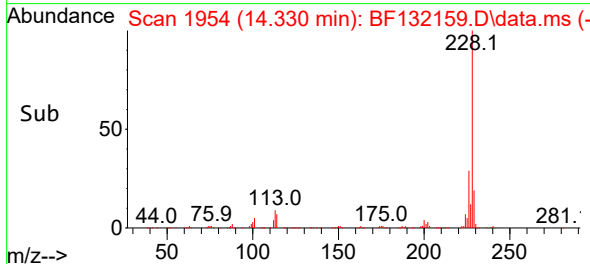
Instrument : BNA_F
ClientSampleId :
LOQ-WATER-02-QT3-2022



Tgt Ion:228 Resp: 194489
Ion Ratio Lower Upper
228 100
226 29.4 24.3 36.5
229 18.9 15.8 23.6

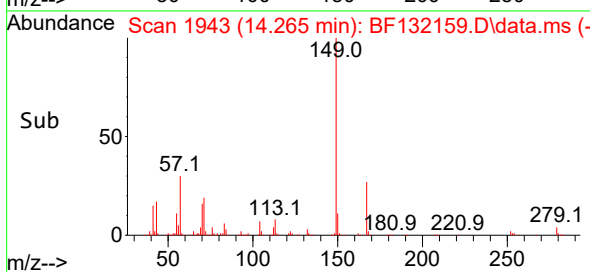
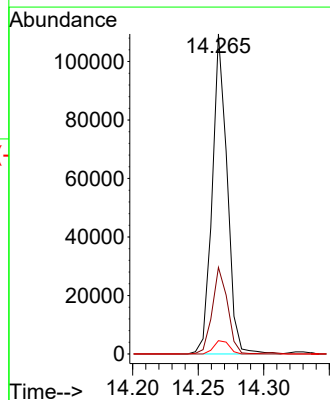
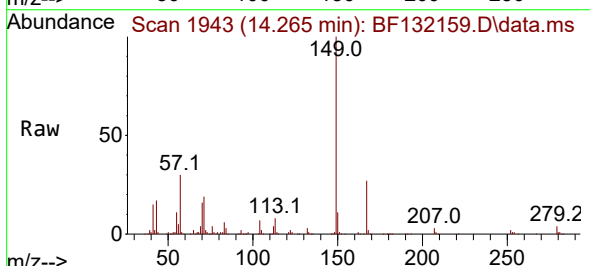
Manual Integrations
APPROVED

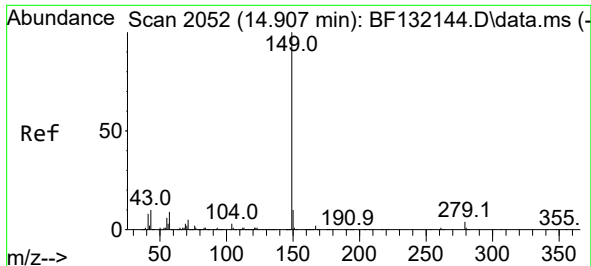
Reviewed By :Christian Giraldo 01/23/2023
Supervised By :Jagrut Upadhyay 01/23/2023



#84
Bis(2-ethylhexyl)phthalate
Concen: 4.770 ng
RT: 14.265 min Scan# 1943
Delta R.T. 0.000 min
Lab File: BF132159.D
Acq: 20 Jan 2023 13:37

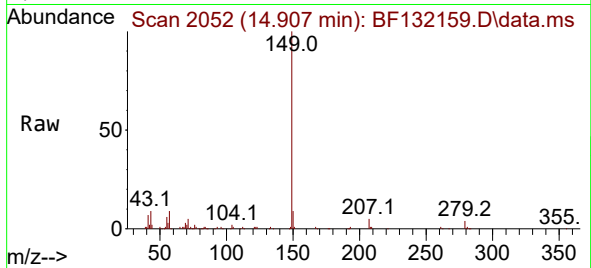
Tgt Ion:149 Resp: 86544
Ion Ratio Lower Upper
149 100
167 27.1 21.0 31.6
279 4.1 3.2 4.8





#85
Di-n-octyl phthalate
Concen: 8.694 ng
RT: 14.907 min Scan# 2052
Delta R.T. -0.000 min
Lab File: BF132159.D
Acq: 20 Jan 2023 13:37

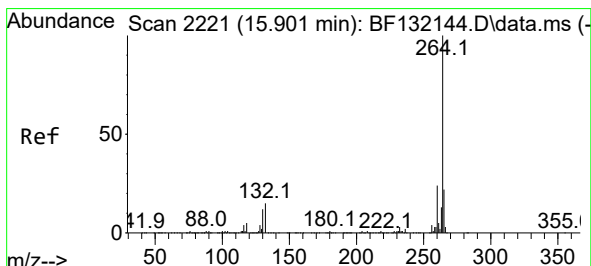
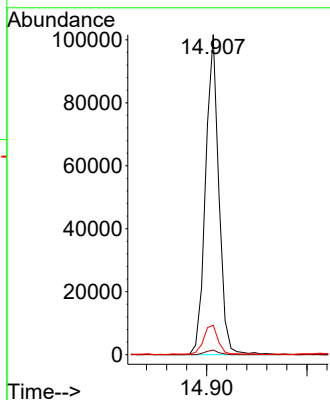
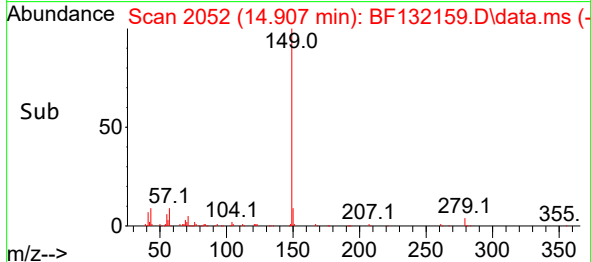
Instrument : BNA_F
ClientSampleId :
LOQ-WATER-02-QT3-2022



Tgt Ion:149 Resp: 93624
Ion Ratio Lower Upper
149 100
167 1.5 1.3 1.9
43 10.9 8.4 12.6

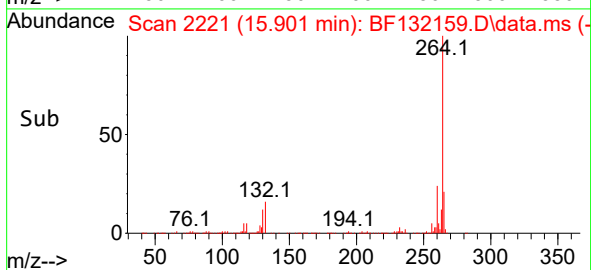
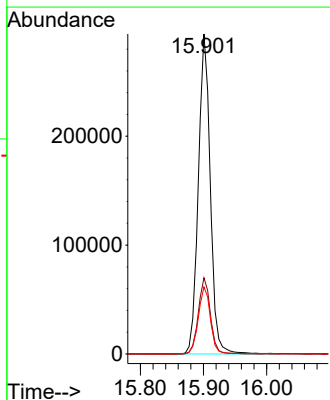
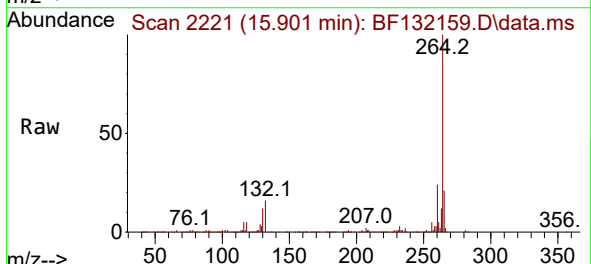
Manual Integrations
APPROVED

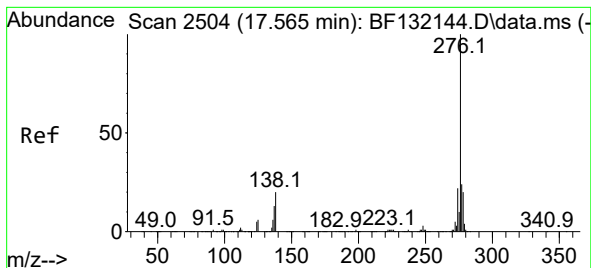
Reviewed By :Christian Giraldo 01/23/2023
Supervised By :Jagrut Upadhyay 01/23/2023



#86
Perylene-d12
Concen: 20.000 ng
RT: 15.901 min Scan# 2221
Delta R.T. -0.000 min
Lab File: BF132159.D
Acq: 20 Jan 2023 13:37

Tgt Ion:264 Resp: 387637
Ion Ratio Lower Upper
264 100
260 23.8 19.1 28.7
265 21.0 17.4 26.0





#87

Indeno(1,2,3-cd)pyrene

Concen: 3.973 ng

RT: 17.553 min Scan# 21175

Delta R.T. -0.012 min

Lab File: BF132159.D

Acq: 20 Jan 2023 13:37

Instrument :

BNA_F

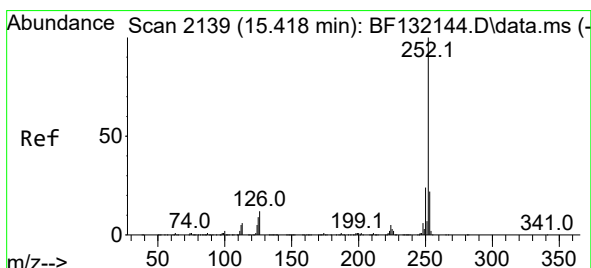
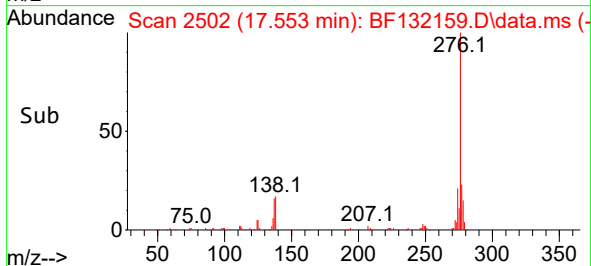
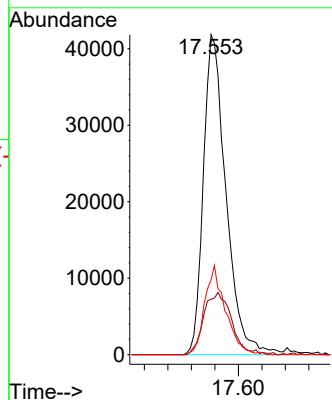
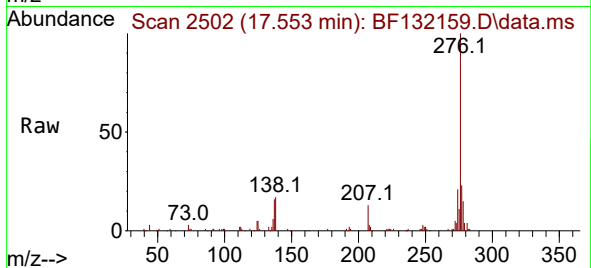
ClientSampleId :

LOQ-WATER-02-QT3-2022

Tgt Ion:276 Resp: 111752
 Ion Ratio Lower Upper
 276 100
 138 23.8 17.9 26.9
 277 25.7 20.2 30.2

Manual Integrations
 APPROVED

Reviewed By :Christian Giraldo 01/23/2023
 Supervised By :Jagrut Upadhyay 01/23/2023



#88

Benzo(b)fluoranthene

Concen: 5.794 ng

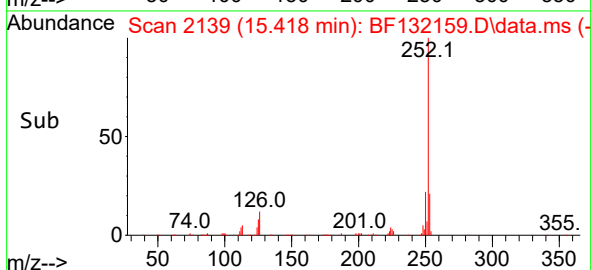
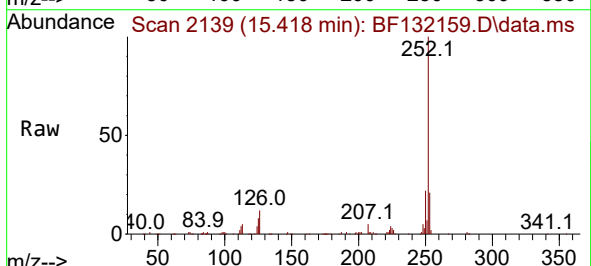
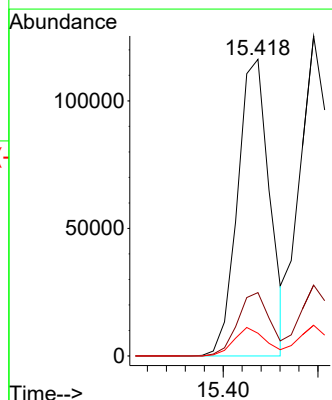
RT: 15.418 min Scan# 2139

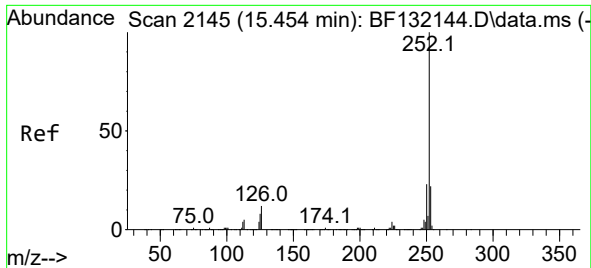
Delta R.T. 0.000 min

Lab File: BF132159.D

Acq: 20 Jan 2023 13:37

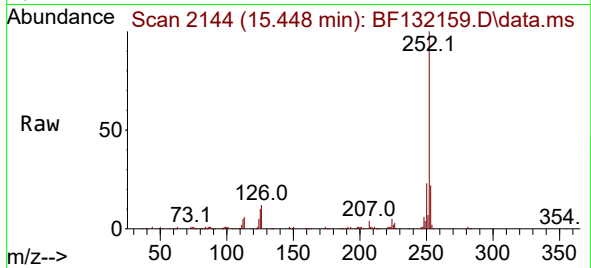
Tgt Ion:252 Resp: 136759
 Ion Ratio Lower Upper
 252 100
 253 21.4 17.8 26.6
 125 7.7 7.2 10.8





#89
Benzo(k)fluoranthene
Concen: 6.007 ng m
RT: 15.448 min Scan# 2144
Delta R.T. -0.006 min
Lab File: BF132159.D
Acq: 20 Jan 2023 13:37

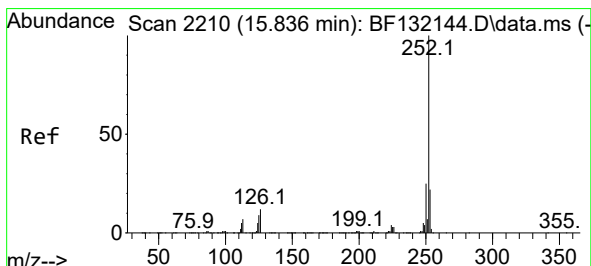
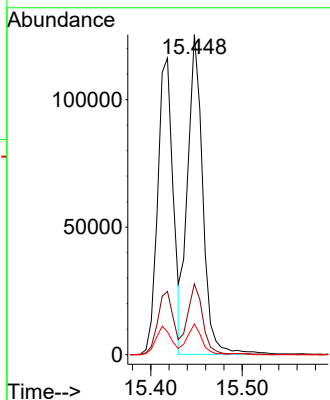
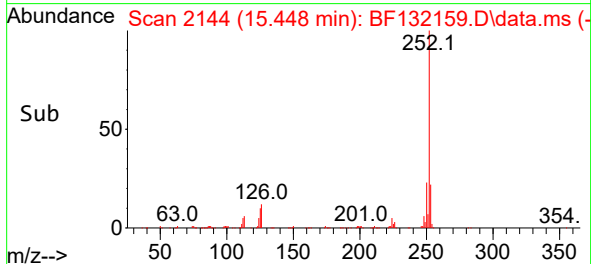
Instrument :
BNA_F
ClientSampleId :
LOQ-WATER-02-QT3-2022



Tgt Ion:252 Resp: 144582
Ion Ratio Lower Upper
252 100
253 22.1 17.4 26.0
125 9.6 6.4 9.6

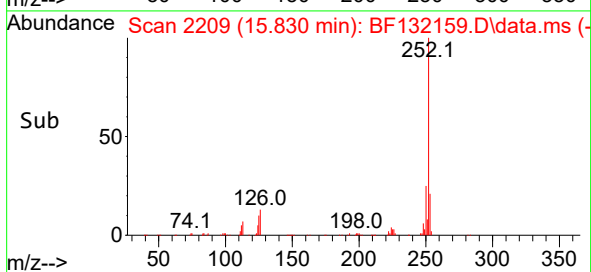
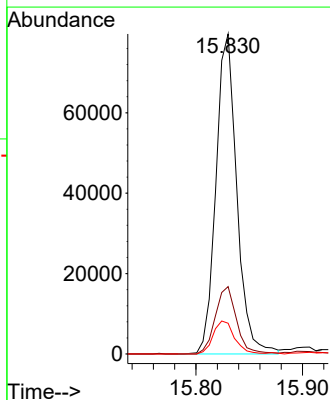
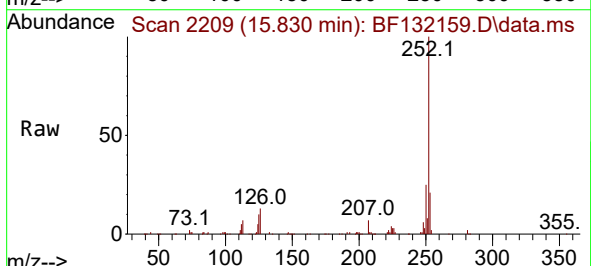
Manual Integrations
APPROVED

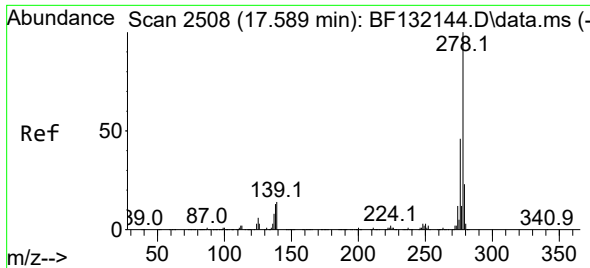
Reviewed By :Christian Giraldo 01/23/2023
Supervised By :Jagrut Upadhyay 01/23/2023



#90
Benzo(a)pyrene
Concen: 4.764 ng
RT: 15.830 min Scan# 2209
Delta R.T. -0.006 min
Lab File: BF132159.D
Acq: 20 Jan 2023 13:37

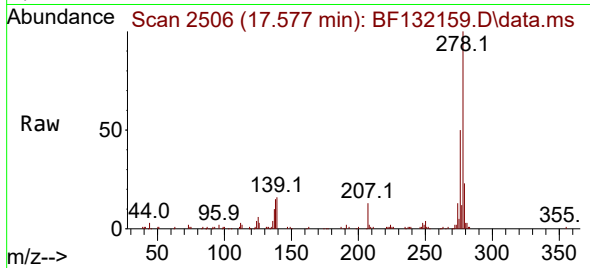
Tgt Ion:252 Resp: 108171
Ion Ratio Lower Upper
252 100
253 21.1 17.5 26.3
125 9.6 7.3 10.9





#91
Dibenzo(a,h)anthracene
Concen: 4.268 ng
RT: 17.577 min Scan# 21
Delta R.T. -0.012 min
Lab File: BF132159.D
Acq: 20 Jan 2023 13:37

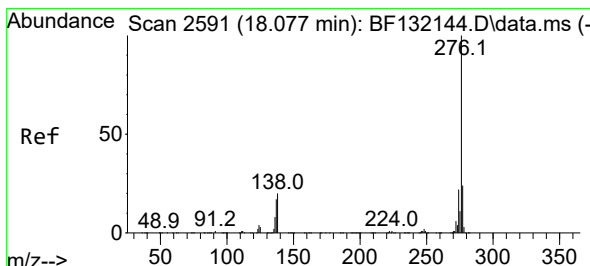
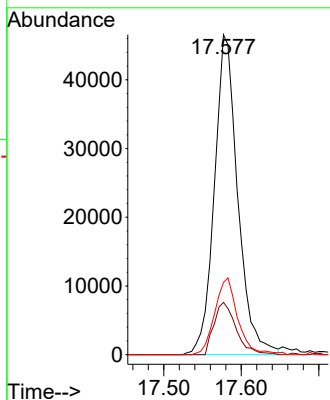
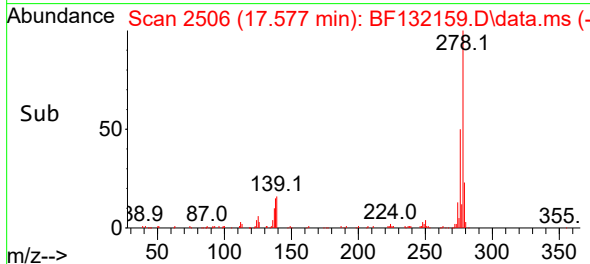
Instrument :
BNA_F
ClientSampleId :
LOQ-WATER-02-QT3-2022



Tgt Ion:278 Resp: 97900
Ion Ratio Lower Upper
278 100
139 16.4 11.4 17.2
279 22.5 18.6 28.0

Manual Integrations
APPROVED

Reviewed By :Christian Giraldo 01/23/2023
Supervised By :Jagrut Upadhyay 01/23/2023



#92
Benzo(g,h,i)perylene
Concen: 4.210 ng
RT: 18.059 min Scan# 2588
Delta R.T. -0.018 min
Lab File: BF132159.D
Acq: 20 Jan 2023 13:37

Tgt Ion:276 Resp: 101632
Ion Ratio Lower Upper
276 100
277 23.7 18.9 28.3
138 20.5 15.7 23.5

