

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF012023\
 Data File : BF132161.D
 Acq On : 20 Jan 2023 15:02
 Operator : CG\JU
 Sample : N3980-08
 Misc : LOQ-WATER-5ppm
 ALS Vial : 8 Sample Multiplier: 1

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

Quant Time: Jan 21 02:33:45 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	186856	20.000	ng	0.00
21) Naphthalene-d8	8.378	136	659365	20.000	ng	0.00
39) Acenaphthene-d10	10.142	164	358281	20.000	ng	0.00
64) Phenanthrene-d10	11.642	188	719050	20.000	ng	0.00
76) Chrysene-d12	14.301	240	502875	20.000	ng	0.00
86) Perylene-d12	15.901	264	374507	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.707	112	1038479	97.085	ng	0.00
7) Phenol-d6	6.701	99	1340495	99.554	ng	0.00
23) Nitrobenzene-d5	7.654	82	849900	68.474	ng	0.00
42) 2,4,6-Tribromophenol	10.936	330	417117	108.994	ng	0.00
45) 2-Fluorobiphenyl	9.454	172	1493409	60.908	ng	0.00
79) Terphenyl-d14	13.236	244	1762665	58.715	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	3.025	88	24977	4.609	ng	98
3) Pyridine	3.813	79	64674m	4.446	ng	
4) n-Nitrosodimethylamine	3.725	42	32324	4.725	ng	# 93
6) Aniline	6.754	93	95633	5.128	ng	95
8) 2-Chlorophenol	6.872	128	63963	5.689	ng	95
9) Benzaldehyde	6.642	77	52866	6.103	ng	99
10) Phenol	6.713	94	76950	5.490	ng	94
11) bis(2-Chloroethyl)ether	6.819	93	65878	5.552	ng	96
12) 1,3-Dichlorobenzene	7.031	146	73587	5.855	ng	96
13) 1,4-Dichlorobenzene	7.107	146	74336	5.927	ng	97
14) 1,2-Dichlorobenzene	7.260	146	68980	5.948	ng	98
15) Benzyl Alcohol	7.219	79	44977	4.367	ng	93
16) 2,2'-oxybis(1-Chloropr...	7.360	45	96994	5.624	ng	99
17) 2-Methylphenol	7.319	107	48916	4.966	ng	96
18) Hexachloroethane	7.607	117	25317	5.624	ng	95
19) n-Nitroso-di-n-propyla...	7.484	70	46636	5.654	ng	98
20) 3+4-Methylphenols	7.472	107	63464	5.113	ng	95
22) Acetophenone	7.489	105	88376	5.576	ng	99
24) Nitrobenzene	7.666	77	72122	5.488	ng	99
25) Isophorone	7.901	82	124439	5.124	ng	98
26) 2-Nitrophenol	7.984	139	24411	5.839	ng	98
27) 2,4-Dimethylphenol	8.007	122	43638	4.153	ng	98
28) bis(2-Chloroethoxy)met...	8.113	93	77760	5.337	ng	99
29) 2,4-Dichlorophenol	8.219	162	53122	5.325	ng	97
30) 1,2,4-Trichlorobenzene	8.313	180	63179	5.575	ng	96
31) Naphthalene	8.401	128	193128	5.703	ng	98
32) Benzoic acid	8.048	122	17142	2.786	ng	98
33) 4-Chloroaniline	8.436	127	76538	5.282	ng	100
34) Hexachlorobutadiene	8.513	225	42503	5.583	ng	96
35) Caprolactam	8.766	113	13595	4.805	ng	91
36) 4-Chloro-3-methylphenol	8.901	107	51969	5.176	ng	98
37) 2-Methylnaphthalene	9.089	142	128560	5.514	ng	99
38) 1-Methylnaphthalene	9.189	142	122881	5.664	ng	100
40) 1,2,4,5-Tetrachloroben...	9.254	216	65565	5.260	ng	98
41) Hexachlorocyclopentadiene	9.242	237	28099	4.131	ng	96
43) 2,4,6-Trichlorophenol	9.360	196	37659	4.868	ng	97

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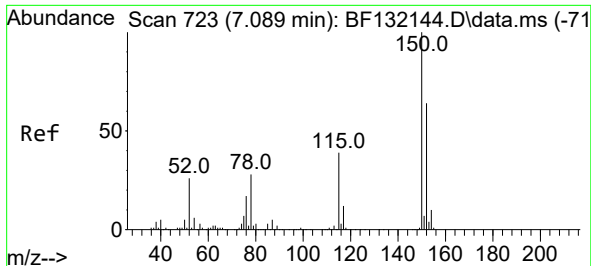
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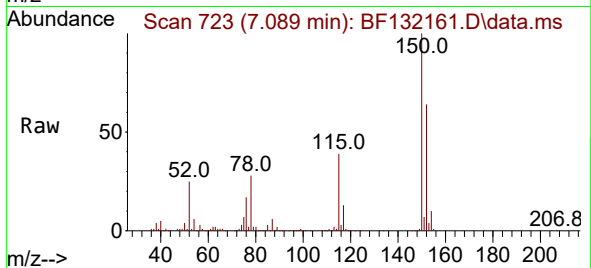
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.395	196	44106	4.875	ng	100
46) 1,1'-Biphenyl	9.554	154	155631	5.506	ng	99
47) 2-Chloronaphthalene	9.583	162	126658	5.797	ng	99
48) 2-Nitroaniline	9.672	65	30029	4.773	ng	98
49) Acenaphthylene	10.001	152	189627	5.425	ng	99
50) Dimethylphthalate	9.842	163	142161	5.479	ng	100
51) 2,6-Dinitrotoluene	9.907	165	26997	5.368	ng	94
52) Acenaphthene	10.177	154	116624	5.547	ng	97
53) 3-Nitroaniline	10.077	138	27850	5.179	ng	97
54) 2,4-Dinitrophenol	10.183	184	6935	3.576	ng	# 1
55) Dibenzofuran	10.348	168	184975	5.693	ng	96
56) 4-Nitrophenol	10.219	139	17786	4.545	ng	100
57) 2,4-Dinitrotoluene	10.313	165	29744	4.927	ng	96
58) Fluorene	10.695	166	143921	5.978	ng	97
59) 2,3,4,6-Tetrachlorophenol	10.460	232	36189	5.258	ng	# 98
60) Diethylphthalate	10.548	149	138629	5.448	ng	97
61) 4-Chlorophenyl-phenyle...	10.683	204	72372	5.614	ng	95
62) 4-Nitroaniline	10.689	138	24963	4.986	ng	97
63) Azobenzene	10.842	77	137410	5.380	ng	97
65) 4,6-Dinitro-2-methylph...	10.719	198	11139	3.573	ng	88
66) n-Nitrosodiphenylamine	10.795	169	119055	5.170	ng	98
67) 4-Bromophenyl-phenylether	11.177	248	44165	5.039	ng	91
68) Hexachlorobenzene	11.242	284	48536	5.572	ng	97
69) Atrazine	11.319	200	36338	5.114	ng	95
70) Pentachlorophenol	11.436	266	21401	3.823	ng	99
71) Phenanthrene	11.666	178	213454	5.657	ng	98
72) Anthracene	11.719	178	208856	5.471	ng	98
73) Carbazole	11.866	167	184691	5.664	ng	98
74) Di-n-butylphthalate	12.195	149	194608	5.361	ng	98
75) Fluoranthene	12.866	202	221924	5.725	ng	100
77) Benzidine	12.983	184	68074	4.509	ng	97
78) Pyrene	13.095	202	231223	4.989	ng	99
80) Butylbenzylphthalate	13.707	149	61891	4.608	ng	95
81) Benzo(a)anthracene	14.295	228	182065	5.068	ng	98
82) 3,3'-Dichlorobenzidine	14.248	252	40334	4.031	ng	# 98
83) Chrysene	14.330	228	174683	5.108	ng	98
84) Bis(2-ethylhexyl)phtha...	14.265	149	80175	4.521	ng	99
85) Di-n-octyl phthalate	14.907	149	85922	8.493	ng	98
87) Indeno(1,2,3-cd)pyrene	17.559	276	109568	4.032	ng	99
88) Benzo(b)fluoranthene	15.418	252	122688	5.381	ng	98
89) Benzo(k)fluoranthene	15.448	252	132844	5.712	ng	97
90) Benzo(a)pyrene	15.830	252	98668	4.498	ng	97
91) Dibenzo(a,h)anthracene	17.583	278	95169	4.294	ng	97
92) Benzo(g,h,i)perylene	18.065	276	99970	4.286	ng	98

(#) = 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: BF132161.D
Acq: 20 Jan 2023 15:02

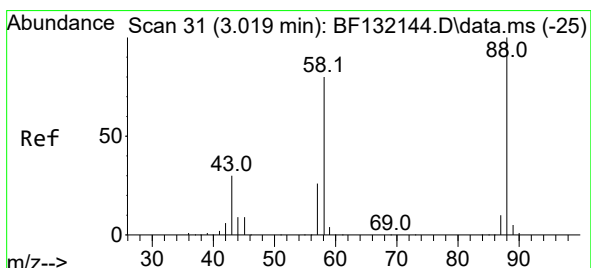
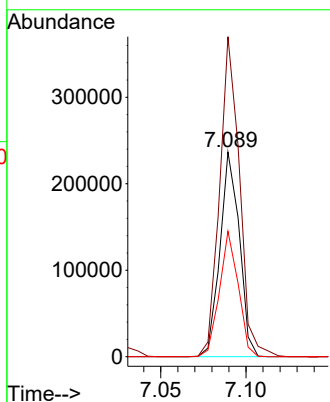
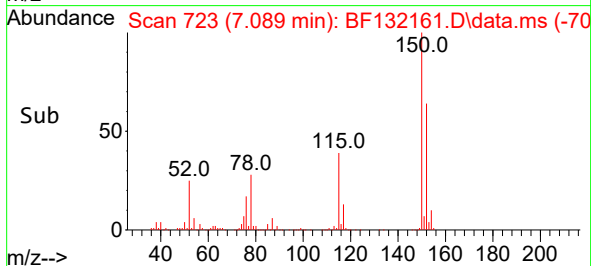
Instrument :
BNA_F
ClientSampleId :
LOQ-WATER-02-QT3-2022



Tgt Ion:152 Resp: 186850
Ion Ratio Lower Upper
152 100
150 156.4 125.8 188.8
115 61.3 49.2 73.8

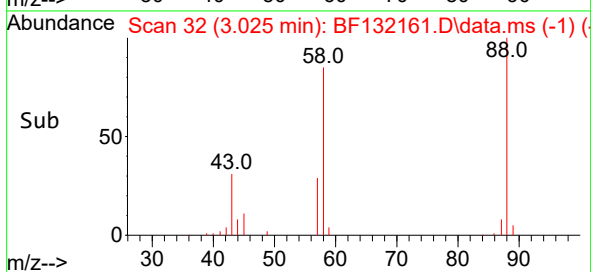
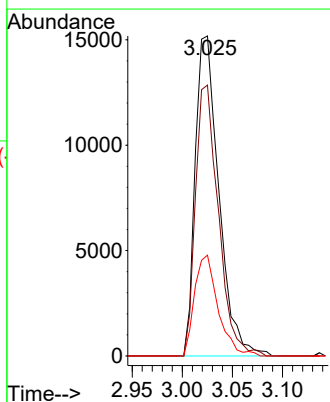
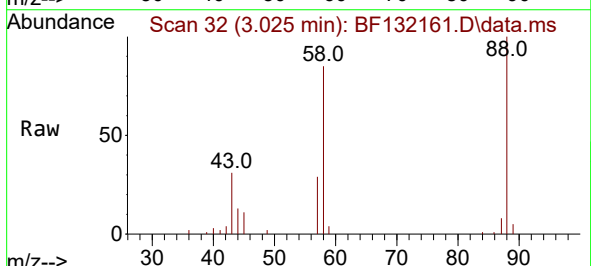
Manual Integrations
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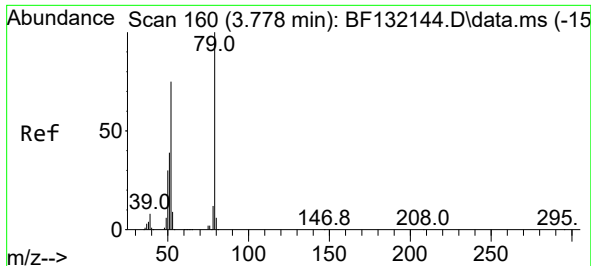
Reviewed By :Christian Giraldo 01/23/2023
Supervised By :Jagrut Upadhyay 01/23/2023



#2
1,4-Dioxane
Concen: 4.609 ng
RT: 3.025 min Scan# 32
Delta R.T. 0.006 min
Lab File: BF132161.D
Acq: 20 Jan 2023 15:02

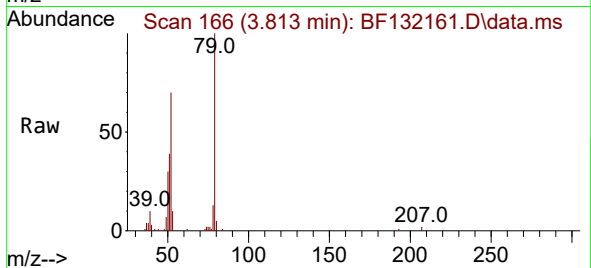
Tgt Ion: 88 Resp: 24977
Ion Ratio Lower Upper
88 100
58 82.0 64.0 96.0
43 31.3 24.2 36.4





#3
Pyridine
Concen: 4.446 ng m
RT: 3.813 min Scan# 1
Delta R.T. 0.035 min
Lab File: BF132161.D
Acq: 20 Jan 2023 15:02

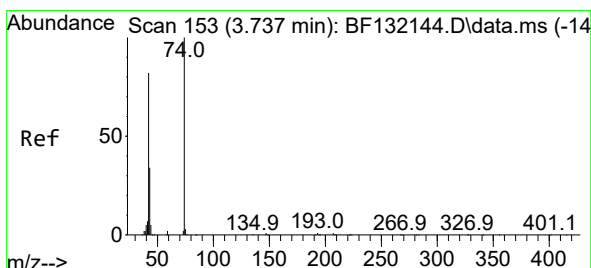
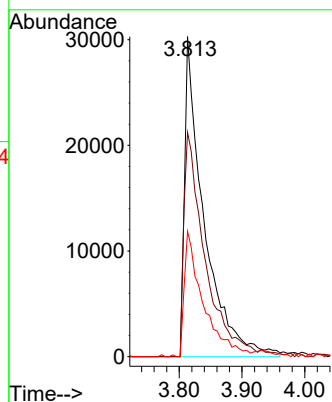
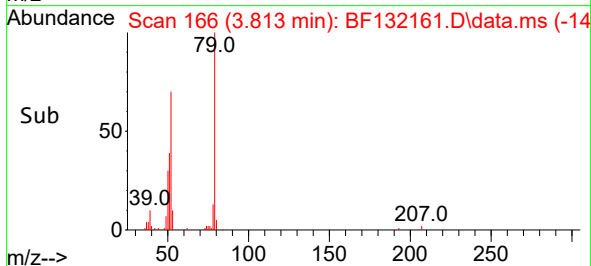
Instrument :
BNA_F
ClientSampleId :
LOQ-WATER-02-QT3-2022



Tgt Ion: 79 Resp: 64674
Ion Ratio Lower Upper
79 100
52 70.1 60.1 90.1
51 39.2 31.4 47.0

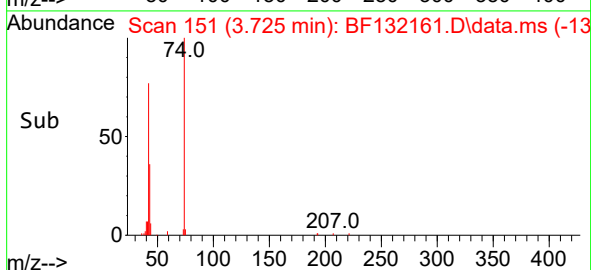
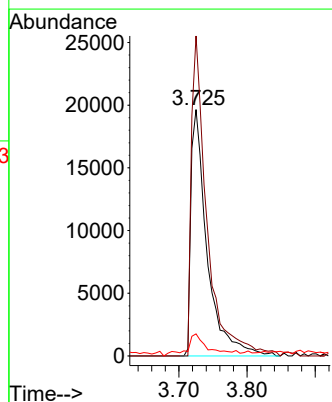
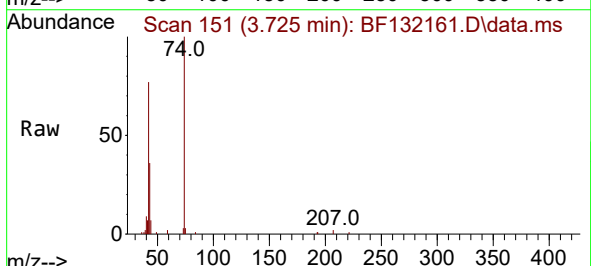
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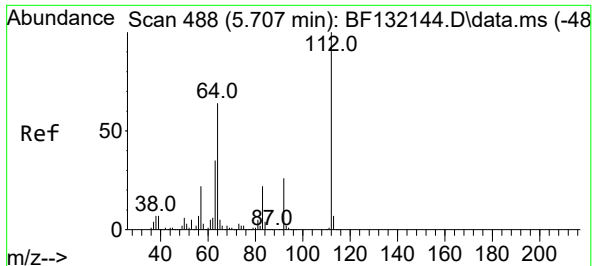
Reviewed By :Christian Giraldo 01/23/2023
Supervised By :Jagrut Upadhyay 01/23/2023



#4
n-Nitrosodimethylamine
Concen: 4.725 ng
RT: 3.725 min Scan# 151
Delta R.T. -0.012 min
Lab File: BF132161.D
Acq: 20 Jan 2023 15:02

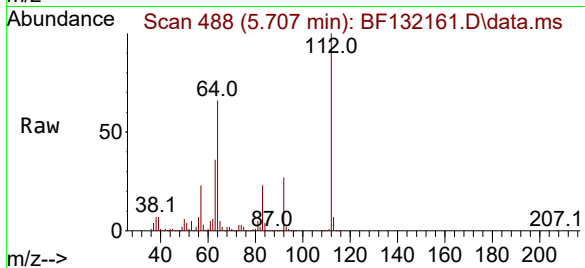
Tgt Ion: 42 Resp: 32324
Ion Ratio Lower Upper
42 100
74 129.9 98.1 147.1
44 9.0 5.2 7.8#





#5
2-Fluorophenol
Concen: 97.085 ng
RT: 5.707 min Scan# 488
Delta R.T. -0.000 min
Lab File: BF132161.D
Acq: 20 Jan 2023 15:02

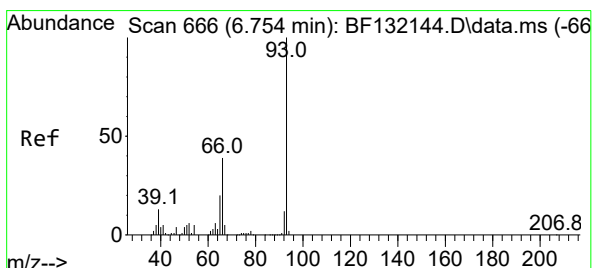
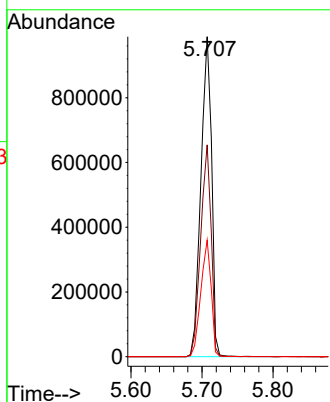
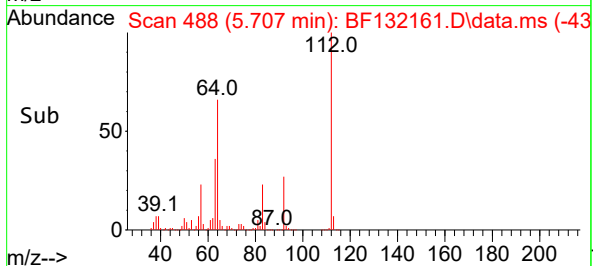
Instrument :
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ClientSampleId :
LOQ-WATER-02-QT3-2022



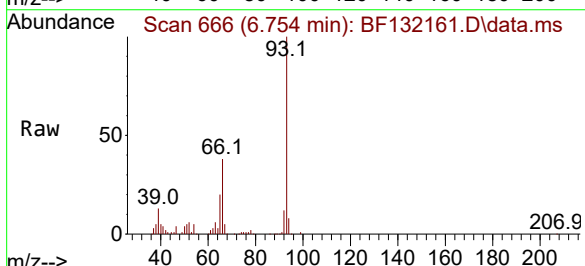
Tgt Ion: 112 Resp: 1038479
Ion Ratio Lower Upper
112 100
64 66.2 51.4 77.0
63 36.4 28.2 42.2

Manual Integrations
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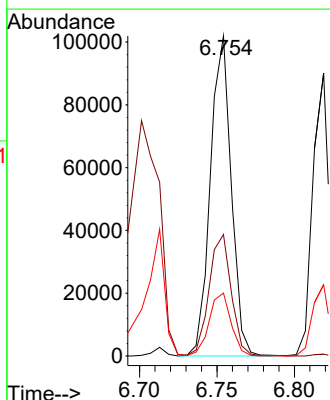
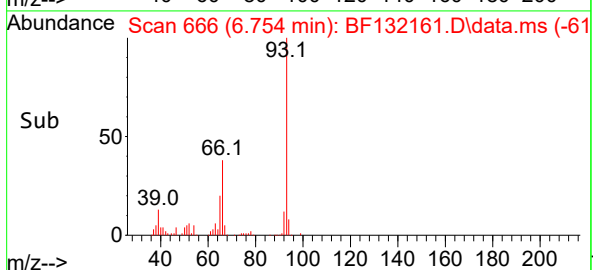
Reviewed By :Christian Giraldo 01/23/2023
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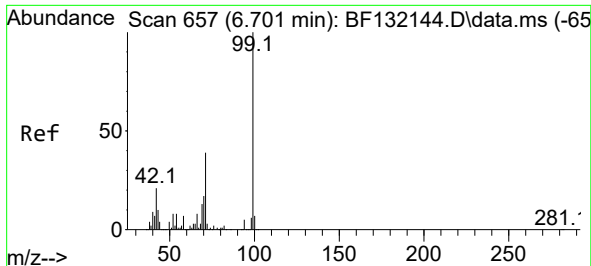


#6
Aniline
Concen: 5.128 ng
RT: 6.754 min Scan# 666
Delta R.T. -0.000 min
Lab File: BF132161.D
Acq: 20 Jan 2023 15:02



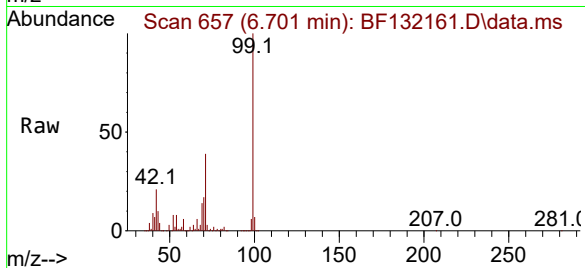
Tgt Ion: 93 Resp: 95633
Ion Ratio Lower Upper
93 100
66 37.9 33.0 49.6
65 19.6 16.8 25.2





#7
Phenol-d6
Concen: 99.554 ng
RT: 6.701 min Scan# 657
Delta R.T. -0.000 min
Lab File: BF132161.D
Acq: 20 Jan 2023 15:02

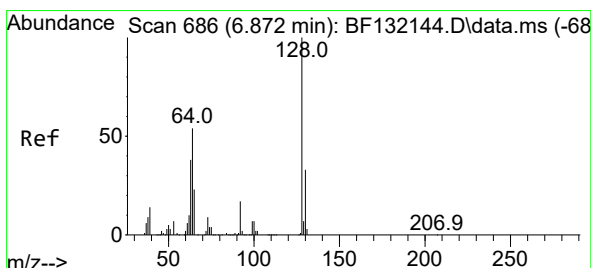
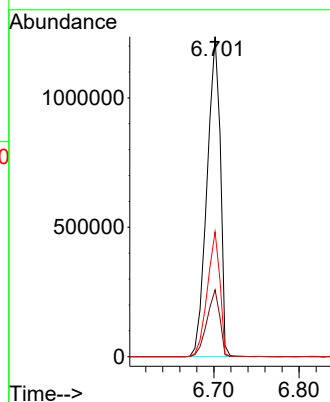
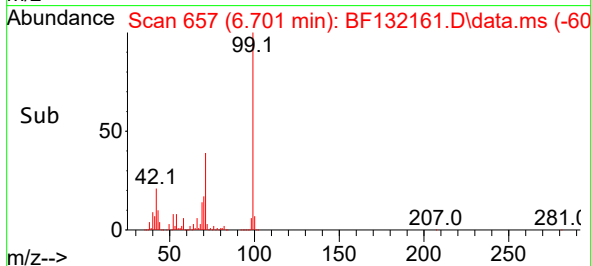
Instrument :
BNA_F
ClientSampleId :
LOQ-WATER-02-QT3-2022



Tgt Ion: 99 Resp: 134049
Ion Ratio Lower Upper
99 100
42 20.9 16.6 24.8
71 39.1 30.8 46.2

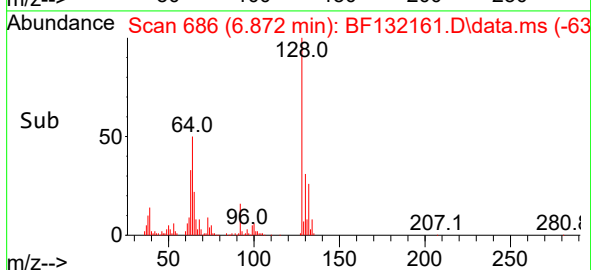
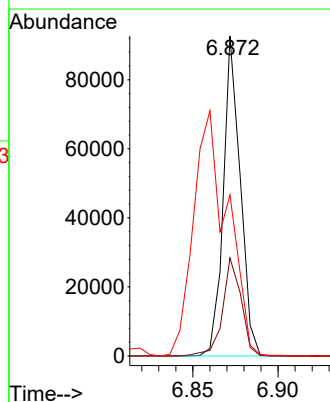
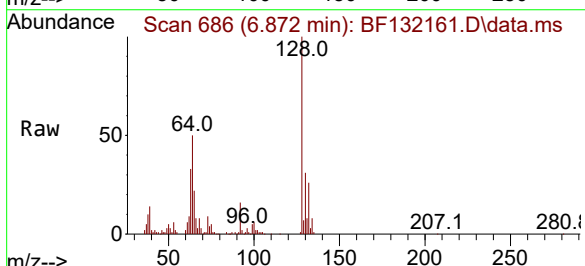
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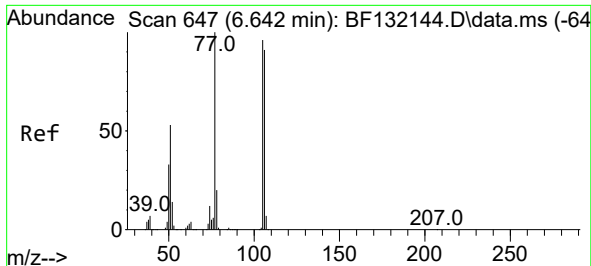
Reviewed By :Christian Giraldo 01/23/2023
Supervised By :Jagrut Upadhyay 01/23/2023



#8
2-Chlorophenol
Concen: 5.689 ng
RT: 6.872 min Scan# 686
Delta R.T. -0.000 min
Lab File: BF132161.D
Acq: 20 Jan 2023 15:02

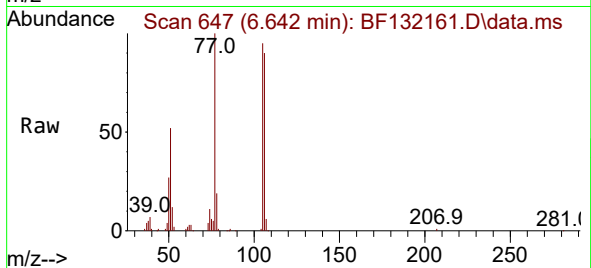
Tgt Ion:128 Resp: 63963
Ion Ratio Lower Upper
128 100
130 30.6 12.8 52.8
64 50.3 34.8 74.8





#9
Benzaldehyde
Concen: 6.103 ng
RT: 6.642 min Scan# 647
Delta R.T. 0.000 min
Lab File: BF132161.D
Acq: 20 Jan 2023 15:02

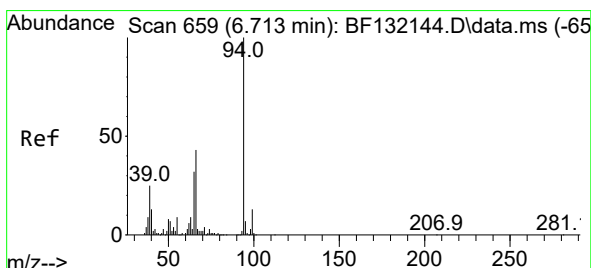
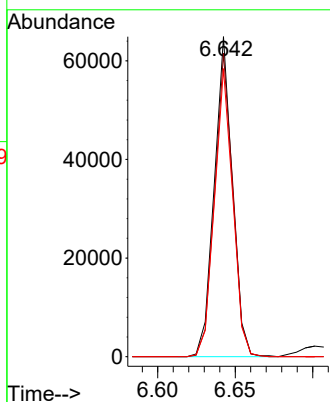
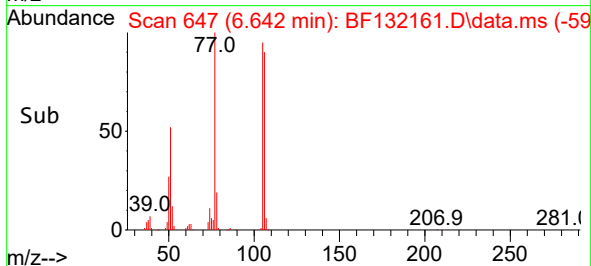
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LOQ-WATER-02-QT3-2022



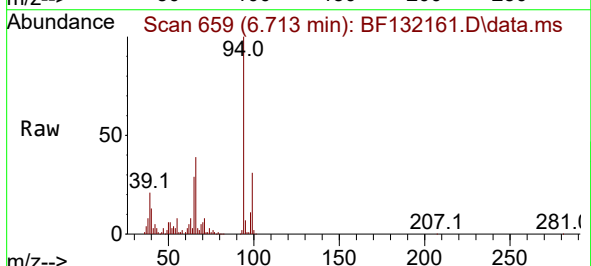
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Ion Ratio Lower Upper
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105 94.9 75.5 115.5
106 90.0 70.7 110.7

Manual Integrations
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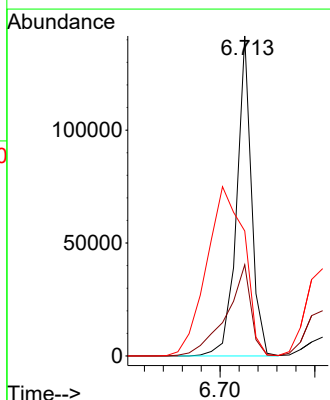
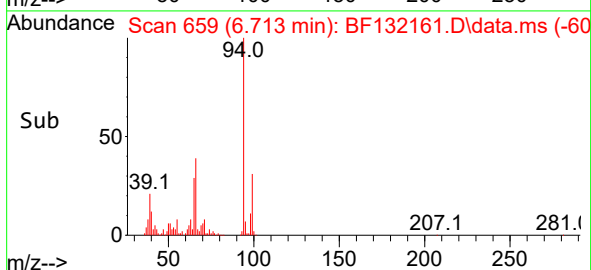
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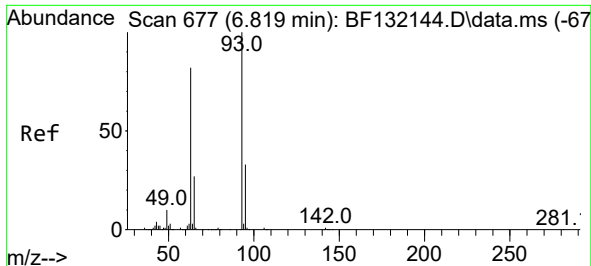


#10
Phenol
Concen: 5.490 ng
RT: 6.713 min Scan# 659
Delta R.T. 0.000 min
Lab File: BF132161.D
Acq: 20 Jan 2023 15:02



Tgt Ion: 94 Resp: 76950
Ion Ratio Lower Upper
94 100
65 28.5 12.0 52.0
66 39.1 22.7 62.7





#11

bis(2-Chloroethyl)ether

Concen: 5.552 ng

RT: 6.819 min Scan# 61

Delta R.T. -0.000 min

Lab File: BF132161.D

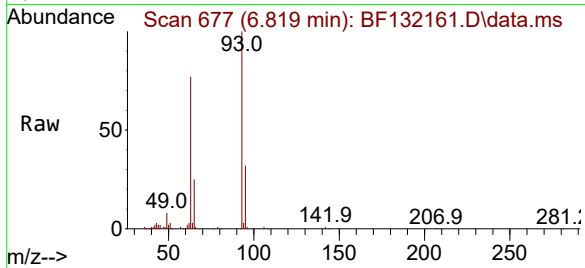
Acq: 20 Jan 2023 15:02

Instrument :

BNA_F

ClientSampleId :

LOQ-WATER-02-QT3-2022



Tgt Ion: 93 Resp: 65878

Ion Ratio Lower Upper

93 100

63 76.6 61.6 101.6

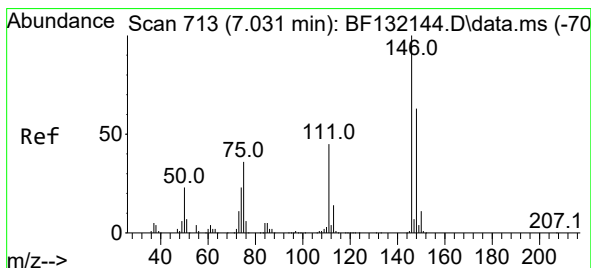
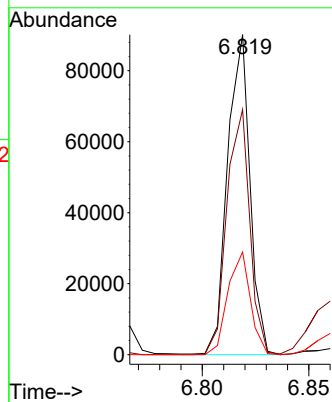
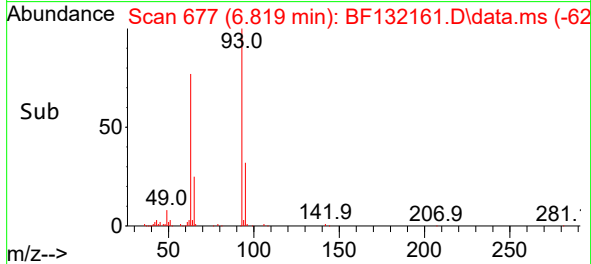
95 32.1 12.7 52.7

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 01/23/2023

Supervised By :Jagrut Upadhyay 01/23/2023



#12

1,3-Dichlorobenzene

Concen: 5.855 ng

RT: 7.031 min Scan# 713

Delta R.T. -0.000 min

Lab File: BF132161.D

Acq: 20 Jan 2023 15:02

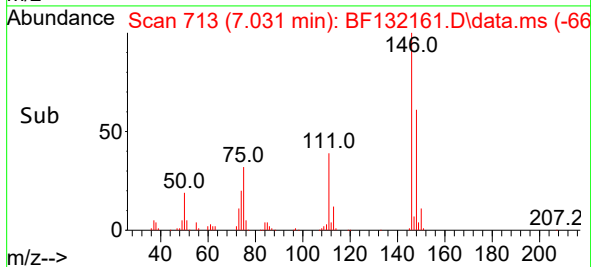
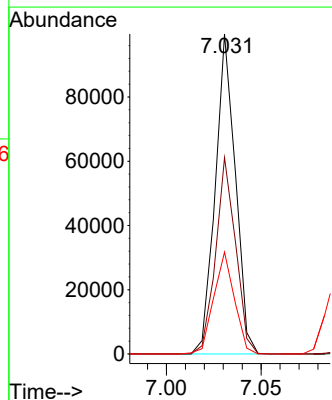
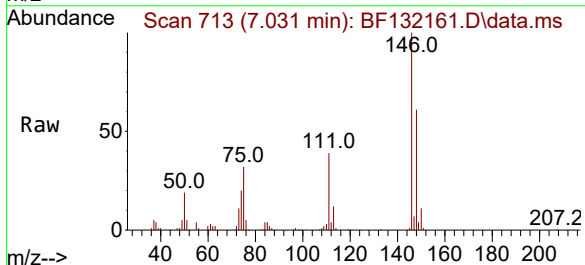
Tgt Ion:146 Resp: 73587

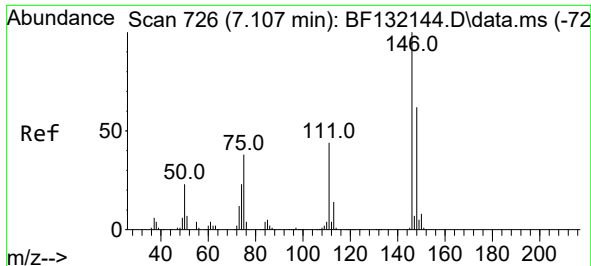
Ion Ratio Lower Upper

146 100

148 61.4 50.0 75.0

75 31.9 28.8 43.2





#13

1,4-Dichlorobenzene

Concen: 5.927 ng

RT: 7.107 min Scan# 71

Delta R.T. -0.000 min

Lab File: BF132161.D

Acq: 20 Jan 2023 15:02

Instrument :

BNA_F

ClientSampleId :

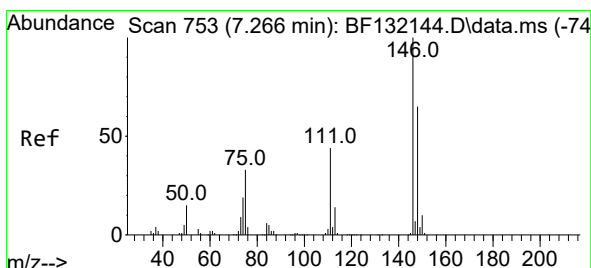
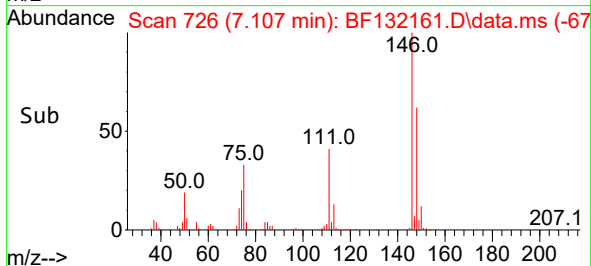
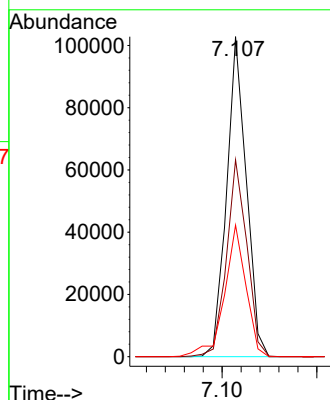
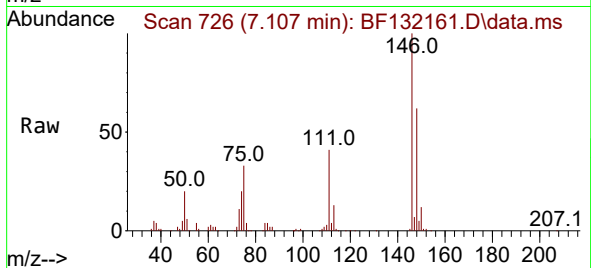
LOQ-WATER-02-QT3-2022

Tgt Ion:146 Resp: 74330
 Ion Ratio Lower Upper
 146 100
 148 61.5 49.9 74.9
 111 41.1 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: 5.948 ng

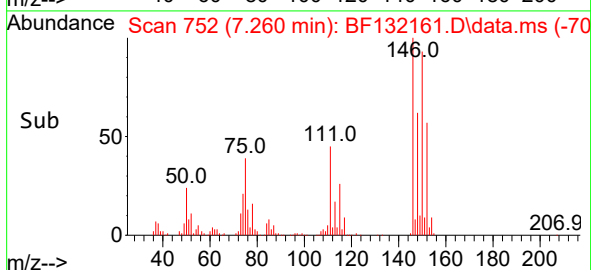
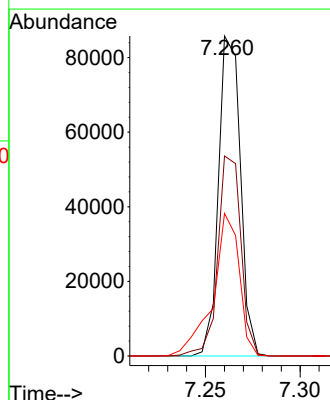
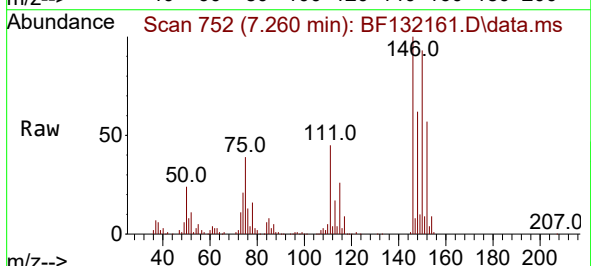
RT: 7.260 min Scan# 752

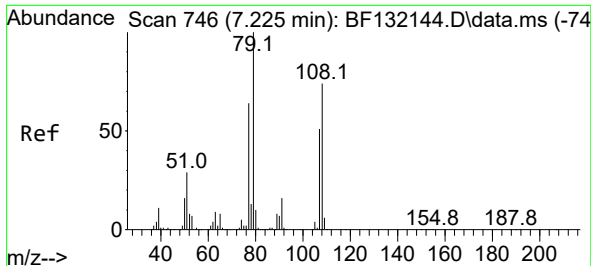
Delta R.T. -0.006 min

Lab File: BF132161.D

Acq: 20 Jan 2023 15:02

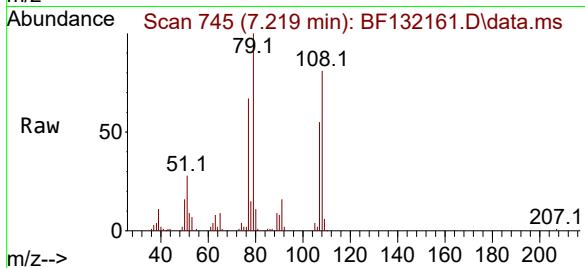
Tgt Ion:146 Resp: 68980
 Ion Ratio Lower Upper
 146 100
 148 62.5 52.0 78.0
 111 44.6 35.4 53.2





#15
Benzyl Alcohol
Concen: 4.367 ng
RT: 7.219 min Scan# 746
Delta R.T. -0.006 min
Lab File: BF132161.D
Acq: 20 Jan 2023 15:02

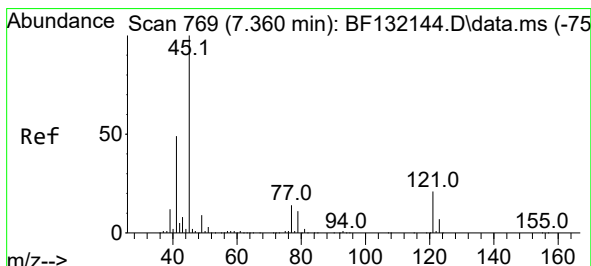
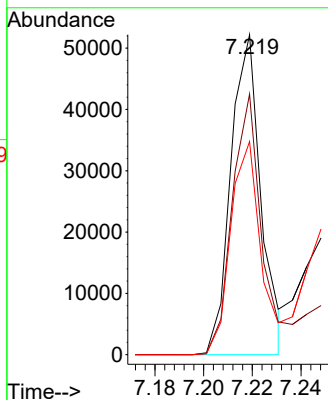
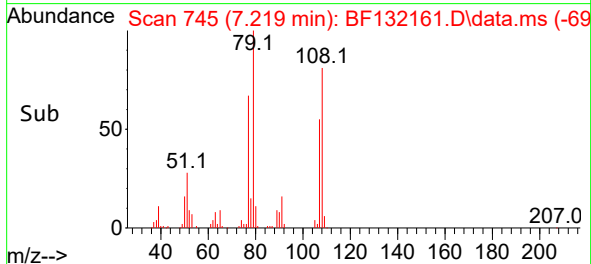
Instrument :
BNA_F
ClientSampleId :
LOQ-WATER-02-QT3-2022



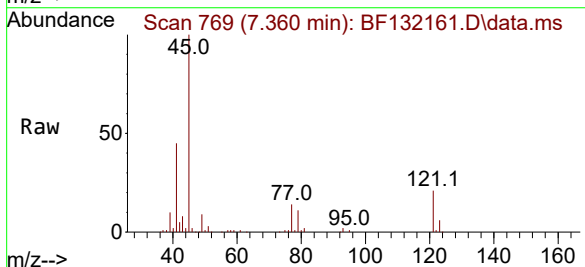
Tgt Ion: 79 Resp: 4497
Ion Ratio Lower Upper
79 100
108 81.5 58.9 88.3
77 66.6 51.1 76.7

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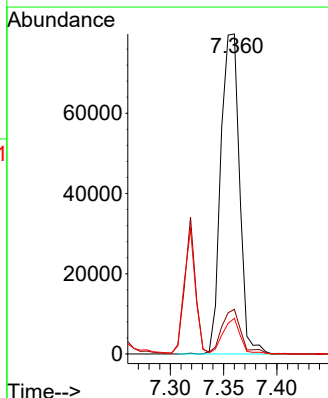
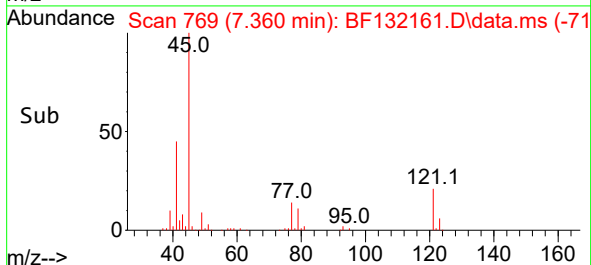
Reviewed By :Christian Giraldo 01/23/2023
Supervised By :Jagrut Upadhyay 01/23/2023

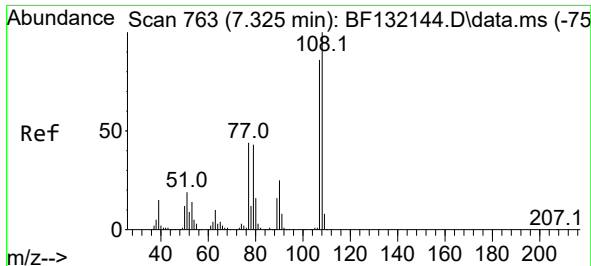


#16
2,2'-oxybis(1-Chloropropane)
Concen: 5.624 ng
RT: 7.360 min Scan# 769
Delta R.T. -0.000 min
Lab File: BF132161.D
Acq: 20 Jan 2023 15:02



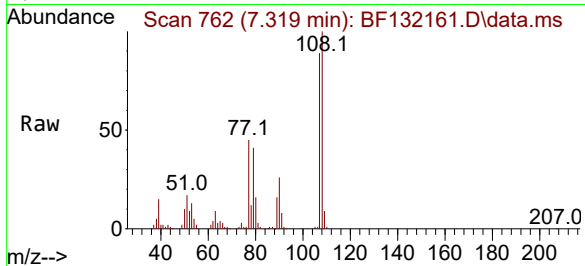
Tgt Ion: 45 Resp: 96994
Ion Ratio Lower Upper
45 100
77 14.0 0.0 34.3
79 11.2 0.0 30.9





#17
2-Methylphenol
Concen: 4.966 ng
RT: 7.319 min Scan# 762
Delta R.T. -0.006 min
Lab File: BF132161.D
Acq: 20 Jan 2023 15:02

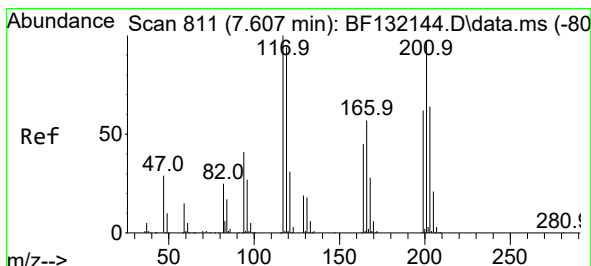
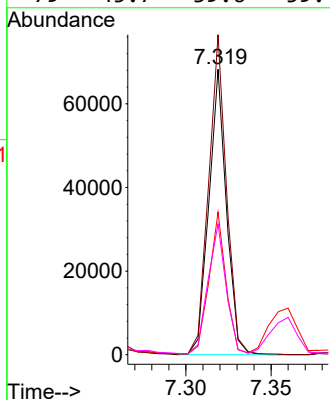
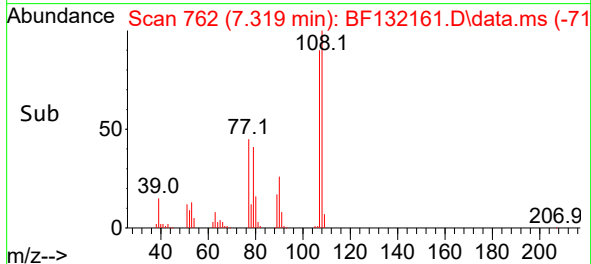
Instrument :
BNA_F
ClientSampleId :
LOQ-WATER-02-QT3-2022



Tgt Ion:107 Resp: 48910
Ion Ratio Lower Upper
107 100
108 112.1 92.8 139.2
77 50.0 41.1 61.7
79 45.7 39.6 59.4

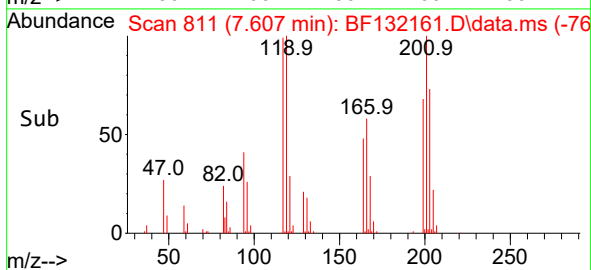
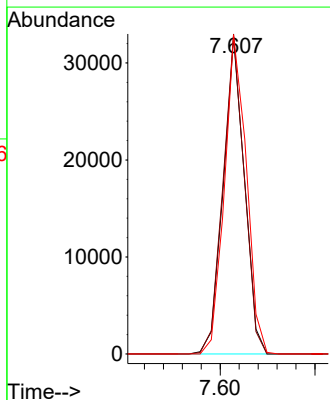
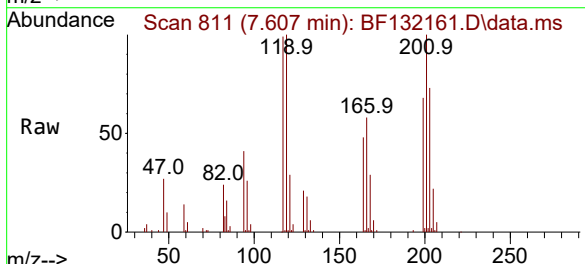
Manual Integrations
APPROVED

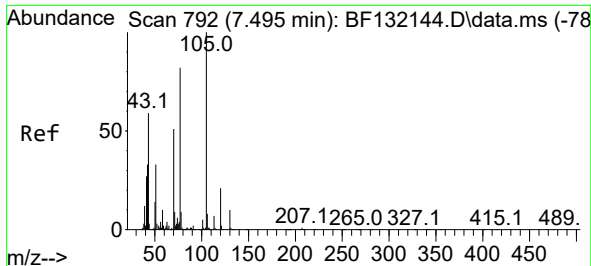
Reviewed By :Christian Giraldo 01/23/2023
Supervised By :Jagrut Upadhyay 01/23/2023



#18
Hexachloroethane
Concen: 5.624 ng
RT: 7.607 min Scan# 811
Delta R.T. -0.000 min
Lab File: BF132161.D
Acq: 20 Jan 2023 15:02

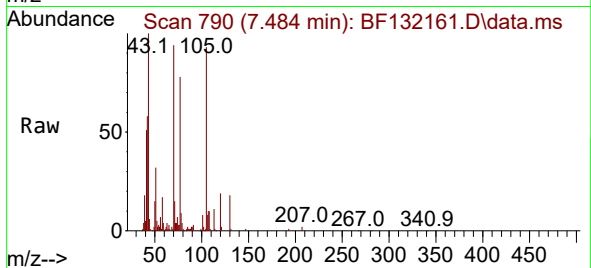
Tgt Ion:117 Resp: 25317
Ion Ratio Lower Upper
117 100
119 100.9 75.4 113.0
201 100.7 77.9 116.9





#19
n-Nitroso-di-n-propylamine
Concen: 5.654 ng
RT: 7.484 min Scan# 792
Delta R.T. -0.012 min
Lab File: BF132161.D
Acq: 20 Jan 2023 15:02

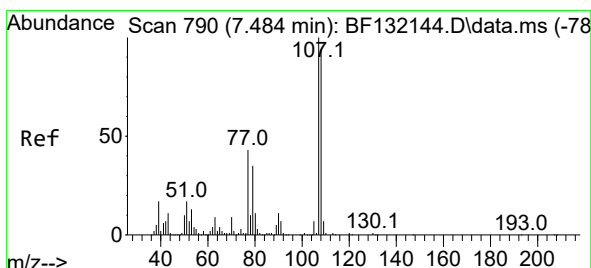
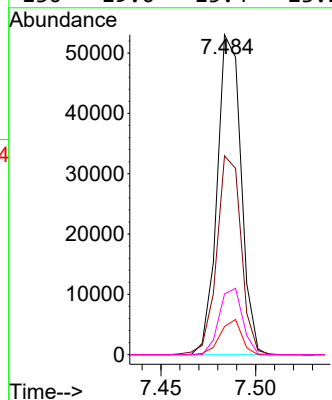
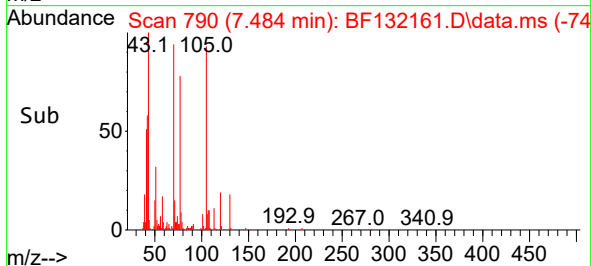
Instrument :
BNA_F
ClientSampleId :
LOQ-WATER-02-QT3-2022



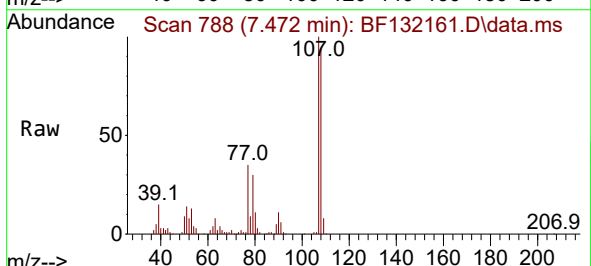
Tgt Ion: 70 Resp: 46630
Ion Ratio Lower Upper
70 100
42 62.2 51.0 76.4
101 8.8 7.3 10.9
130 19.0 15.4 23.2

Manual Integrations
APPROVED

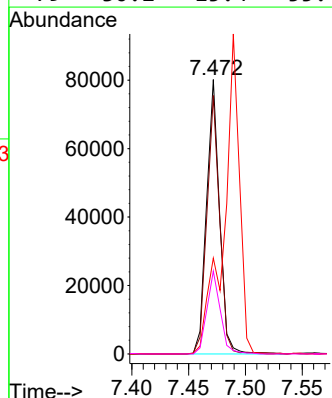
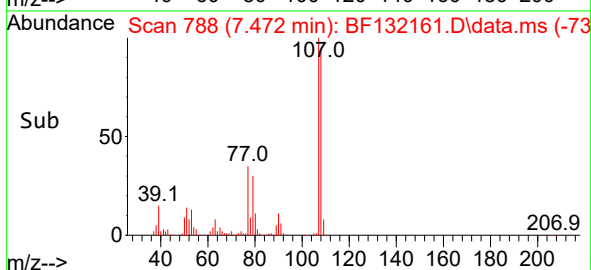
Reviewed By :Christian Giraldo 01/23/2023
Supervised By :Jagrut Upadhyay 01/23/2023

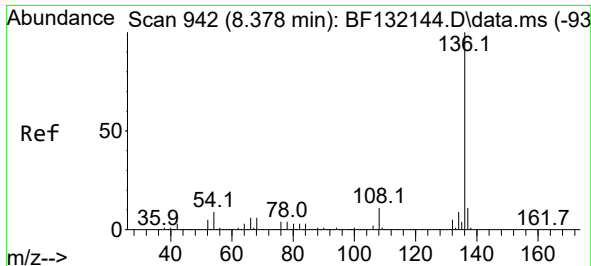


#20
3+4-Methylphenols
Concen: 5.113 ng
RT: 7.472 min Scan# 788
Delta R.T. -0.012 min
Lab File: BF132161.D
Acq: 20 Jan 2023 15:02



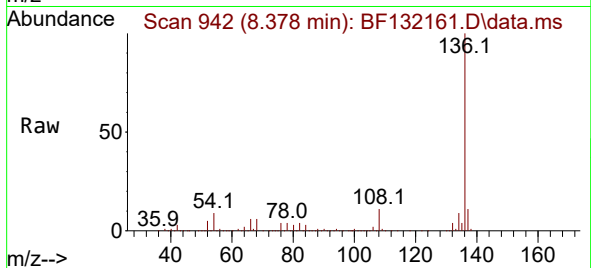
Tgt Ion:107 Resp: 63464
Ion Ratio Lower Upper
107 100
108 94.2 73.8 113.8
77 34.9 22.8 62.8
79 30.2 15.4 55.4





#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.378 min Scan# 942
Delta R.T. -0.000 min
Lab File: BF132161.D
Acq: 20 Jan 2023 15:02

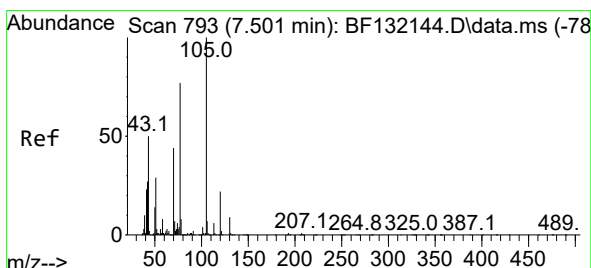
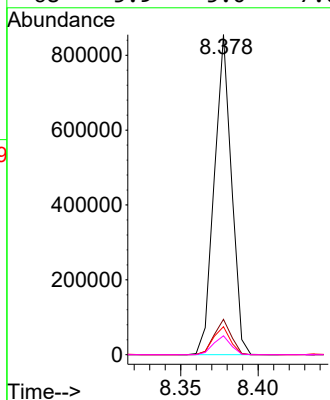
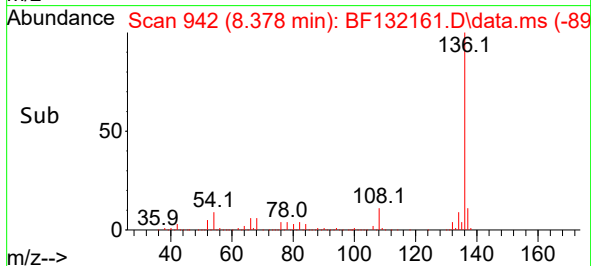
Instrument :
BNA_F
ClientSampleId :
LOQ-WATER-02-QT3-2022



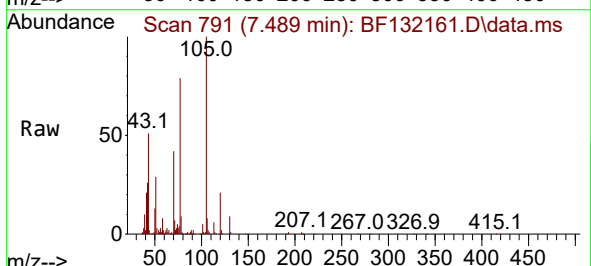
Tgt Ion:136 Resp: 65936
Ion Ratio Lower Upper
136 100
137 11.0 8.9 13.3
54 8.7 7.0 10.6
68 5.9 5.0 7.6

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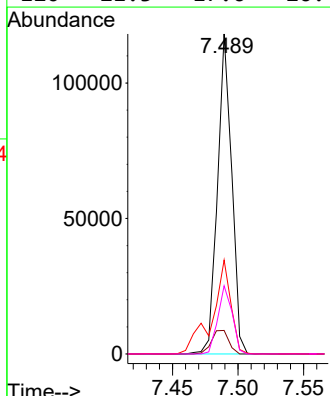
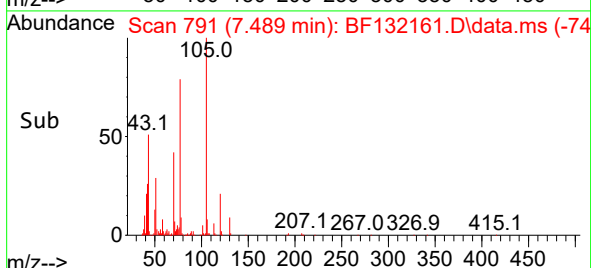
Reviewed By :Christian Giraldo 01/23/2023
Supervised By :Jagrut Upadhyay 01/23/2023

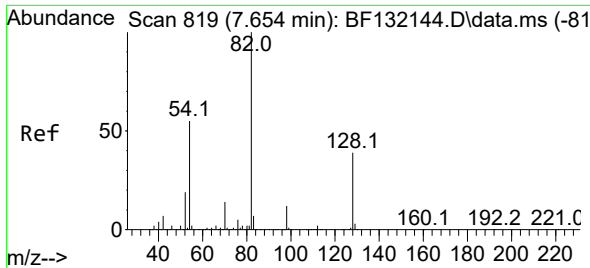


#22
Acetophenone
Concen: 5.576 ng
RT: 7.489 min Scan# 791
Delta R.T. -0.012 min
Lab File: BF132161.D
Acq: 20 Jan 2023 15:02



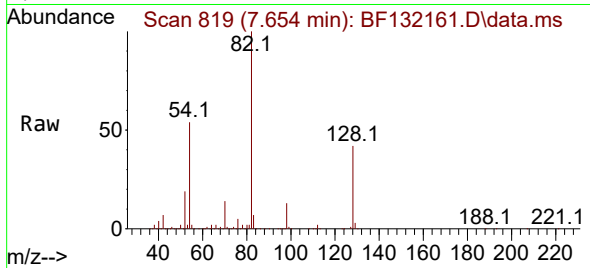
Tgt Ion:105 Resp: 88376
Ion Ratio Lower Upper
105 100
71 7.3 5.8 8.6
51 29.4 23.0 34.6
120 21.3 17.6 26.4





#23
Nitrobenzene-d5
Concen: 68.474 ng
RT: 7.654 min Scan# 819
Delta R.T. -0.000 min
Lab File: BF132161.D
Acq: 20 Jan 2023 15:02

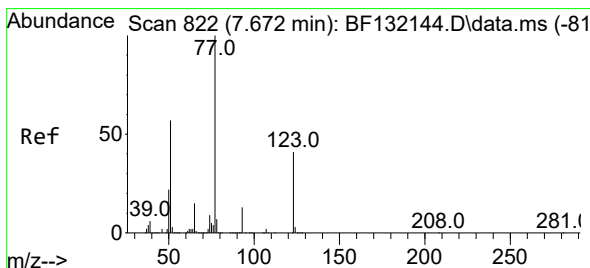
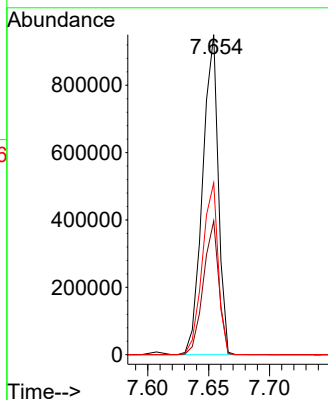
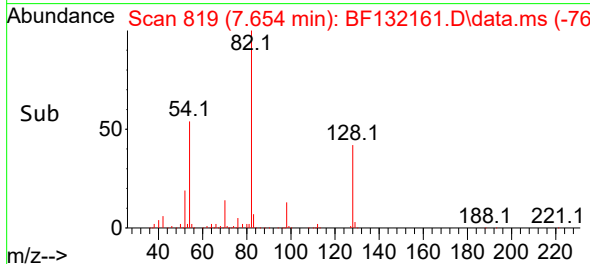
Instrument :
BNA_F
ClientSampleId :
LOQ-WATER-02-QT3-2022



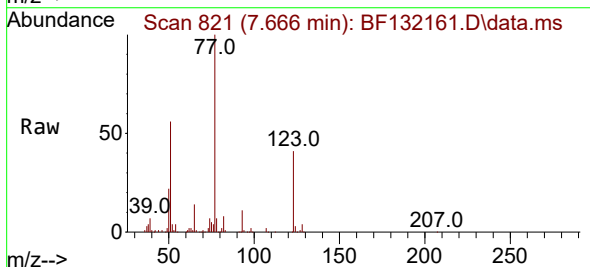
Tgt Ion: 82 Resp: 849900
Ion Ratio Lower Upper
82 100
128 41.8 31.1 46.7
54 53.7 43.9 65.9

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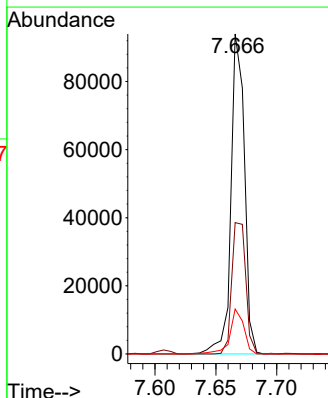
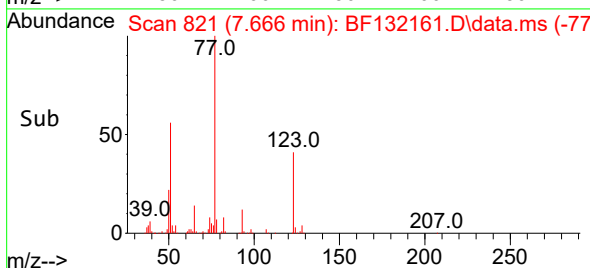
Reviewed By :Christian Giraldo 01/23/2023
Supervised By :Jagrut Upadhyay 01/23/2023

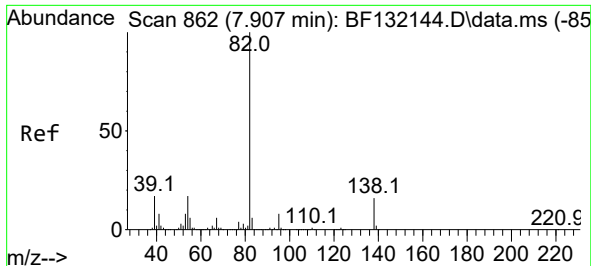


#24
Nitrobenzene
Concen: 5.488 ng
RT: 7.666 min Scan# 821
Delta R.T. -0.006 min
Lab File: BF132161.D
Acq: 20 Jan 2023 15:02



Tgt Ion: 77 Resp: 72122
Ion Ratio Lower Upper
77 100
123 41.0 33.1 49.7
65 14.0 11.7 17.5





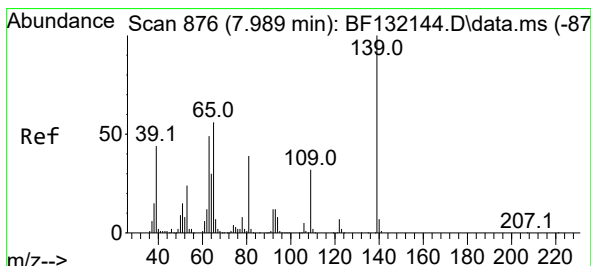
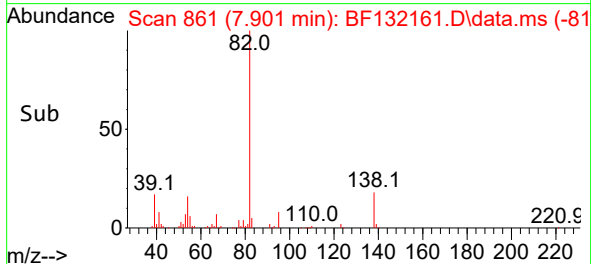
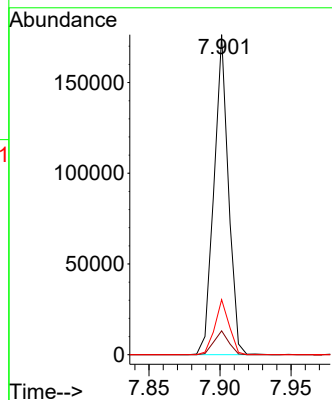
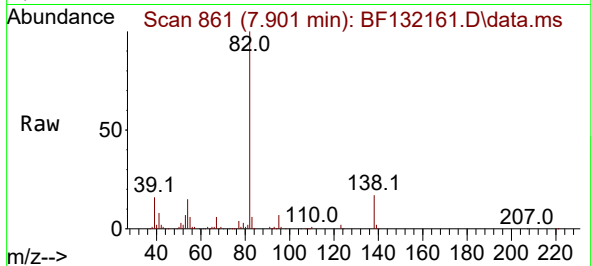
#25
Isophorone
Concen: 5.124 ng
RT: 7.901 min Scan# 80
Delta R.T. -0.006 min
Lab File: BF132161.D
Acq: 20 Jan 2023 15:02

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

Tgt Ion: 82 Resp: 124439
Ion Ratio Lower Upper
82 100
95 7.5 6.2 9.2
138 17.2 12.9 19.3

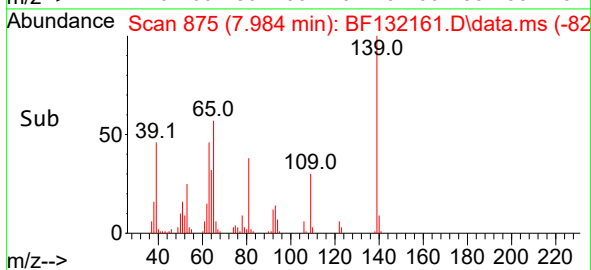
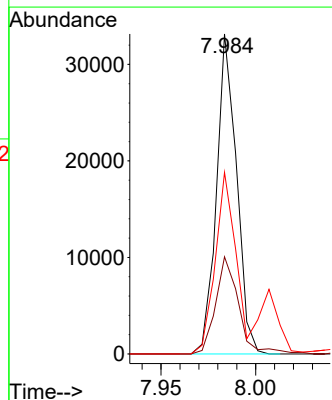
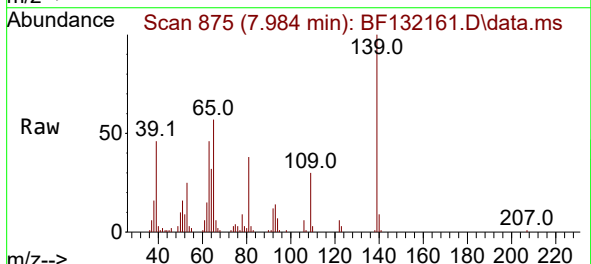
Manual Integrations
APPROVED

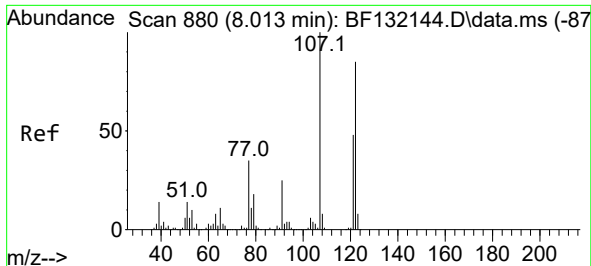
Reviewed By :Christian Giraldo 01/23/2023
Supervised By :Jagrut Upadhyay 01/23/2023



#26
2-Nitrophenol
Concen: 5.839 ng
RT: 7.984 min Scan# 875
Delta R.T. -0.005 min
Lab File: BF132161.D
Acq: 20 Jan 2023 15:02

Tgt Ion:139 Resp: 24411
Ion Ratio Lower Upper
139 100
109 30.3 25.8 38.8
65 56.8 44.6 66.8





#27

2,4-Dimethylphenol

Concen: 4.153 ng

RT: 8.007 min Scan# 81

Delta R.T. -0.006 min

Lab File: BF132161.D

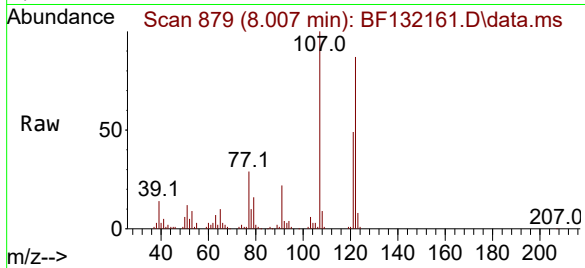
Acq: 20 Jan 2023 15:02

Instrument :

BNA_F

ClientSampleId :

LOQ-WATER-02-QT3-2022



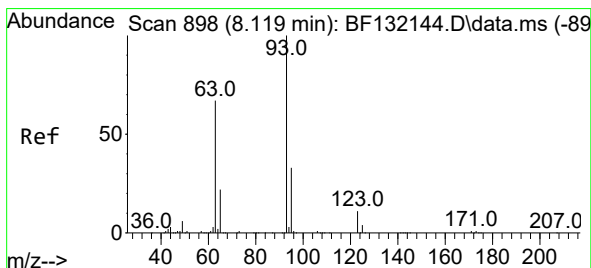
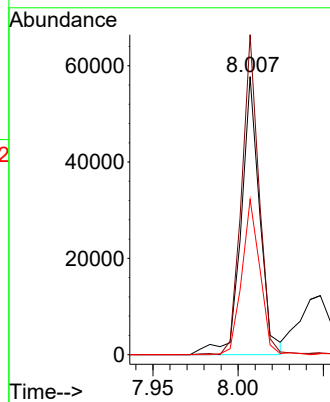
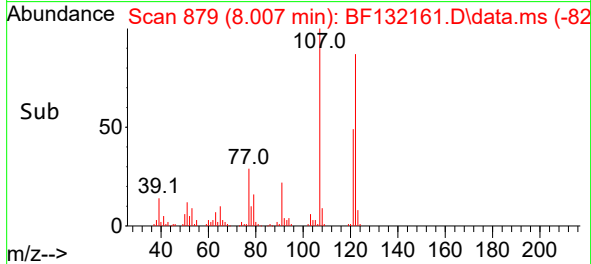
Tgt Ion:	122	Resp:	43638
Ion	Ratio	Lower	Upper
122	100		
107	115.0	94.2	141.4
121	55.8	45.6	68.4

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 01/23/2023

Supervised By :Jagrut Upadhyay 01/23/2023



#28

bis(2-Chloroethoxy)methane

Concen: 5.337 ng

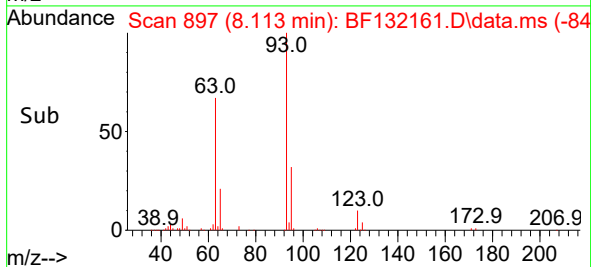
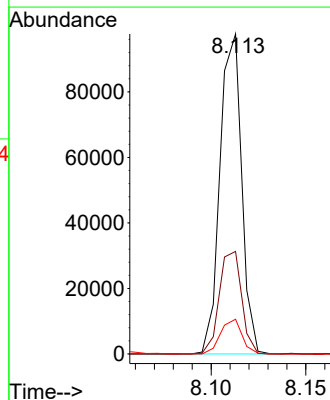
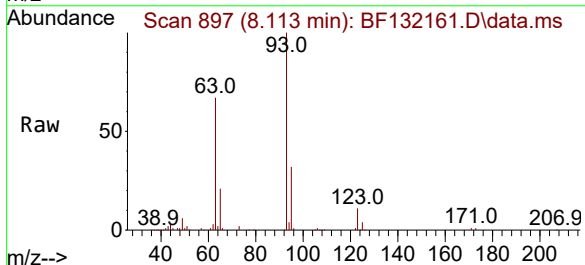
RT: 8.113 min Scan# 897

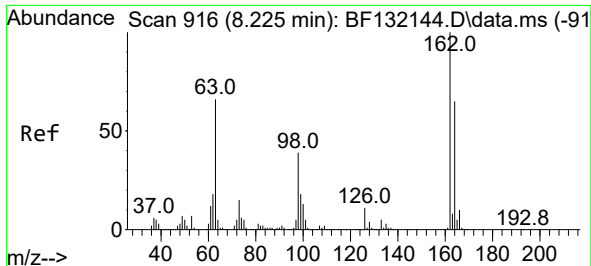
Delta R.T. -0.006 min

Lab File: BF132161.D

Acq: 20 Jan 2023 15:02

Tgt Ion:	93	Resp:	77760
Ion	Ratio	Lower	Upper
93	100		
95	32.1	26.2	39.2
123	10.8	9.1	13.7





#29

2,4-Dichlorophenol

Concen: 5.325 ng

RT: 8.219 min Scan# 916

Delta R.T. -0.006 min

Lab File: BF132161.D

Acq: 20 Jan 2023 15:02

Instrument :

BNA_F

ClientSampleId :

LOQ-WATER-02-QT3-2022

Tgt Ion:162 Resp: 5312

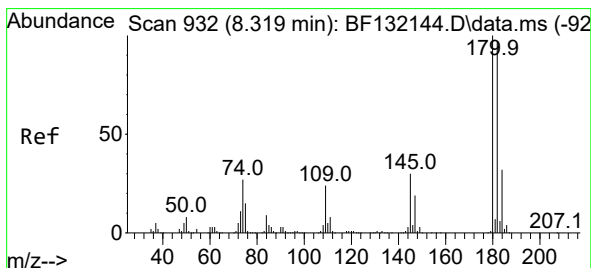
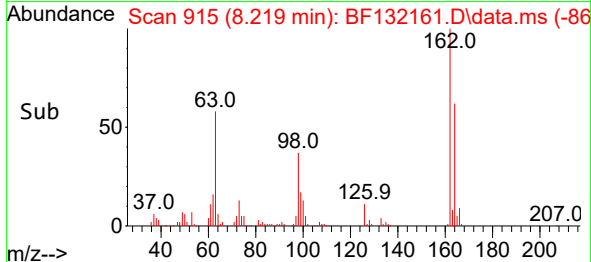
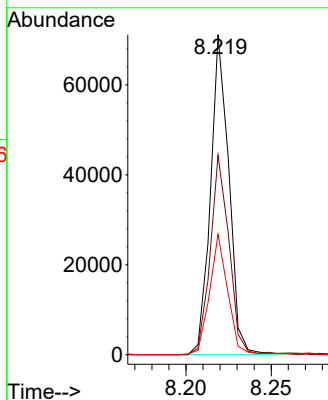
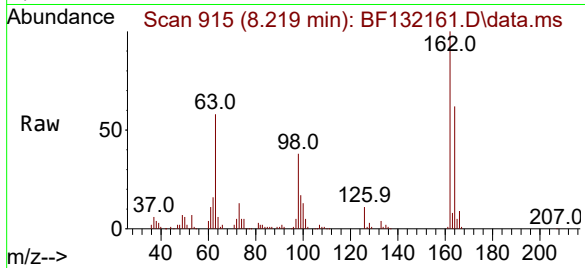
Ion	Ratio	Lower	Upper
162	100		
164	62.3	44.7	84.7
98	37.6	18.8	58.8

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 01/23/2023

Supervised By :Jagrut Upadhyay 01/23/2023



#30

1,2,4-Trichlorobenzene

Concen: 5.575 ng

RT: 8.313 min Scan# 931

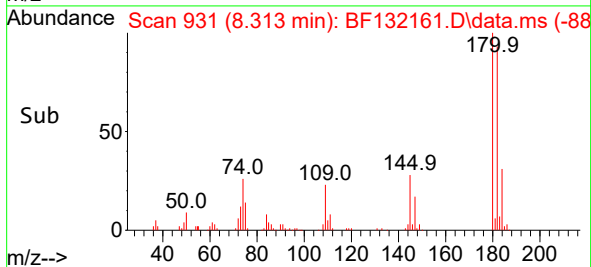
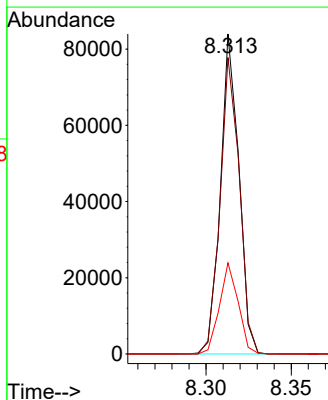
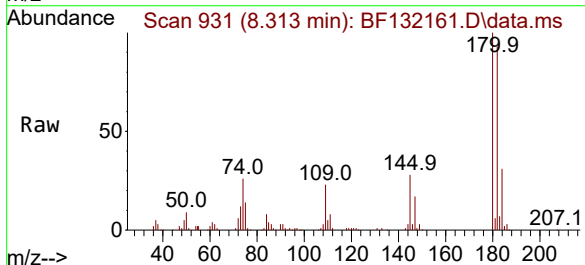
Delta R.T. -0.006 min

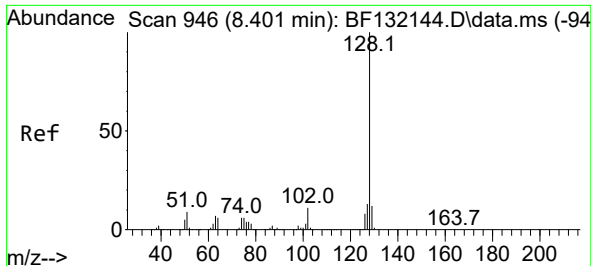
Lab File: BF132161.D

Acq: 20 Jan 2023 15:02

Tgt Ion:180 Resp: 63179

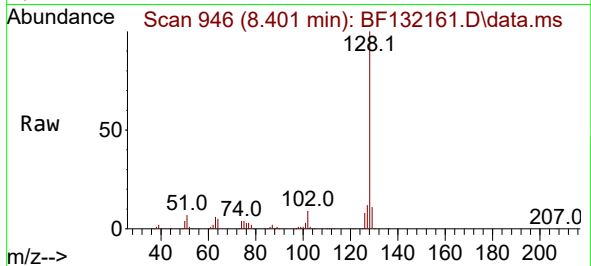
Ion	Ratio	Lower	Upper
180	100		
182	92.7	77.4	116.0
145	28.5	23.8	35.6





#31
Naphthalene
Concen: 5.703 ng
RT: 8.401 min Scan# 946
Delta R.T. 0.000 min
Lab File: BF132161.D
Acq: 20 Jan 2023 15:02

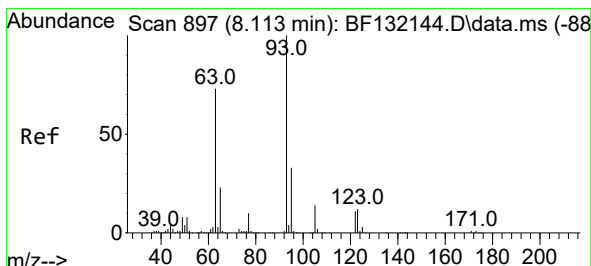
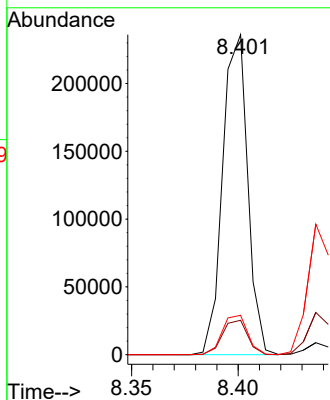
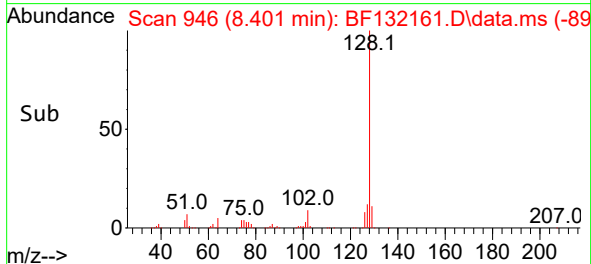
Instrument :
BNA_F
ClientSampleId :
LOQ-WATER-02-QT3-2022



Tgt Ion:128 Resp: 193128
Ion Ratio Lower Upper
128 100
129 10.7 9.3 13.9
127 12.3 10.6 15.8

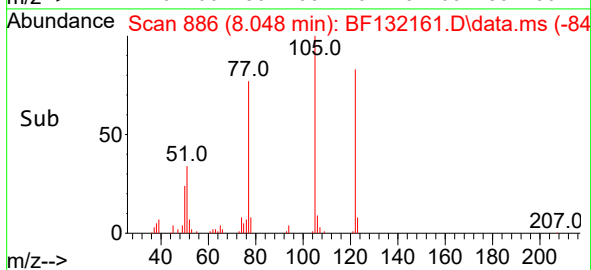
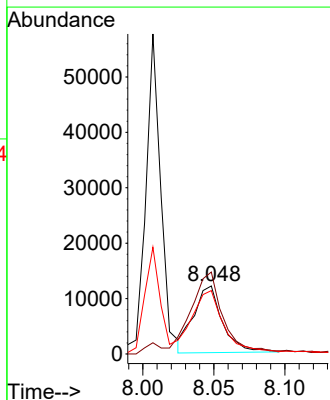
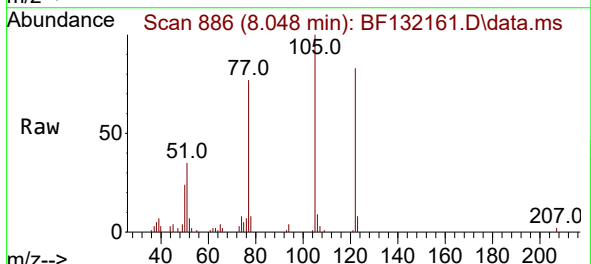
Manual Integrations
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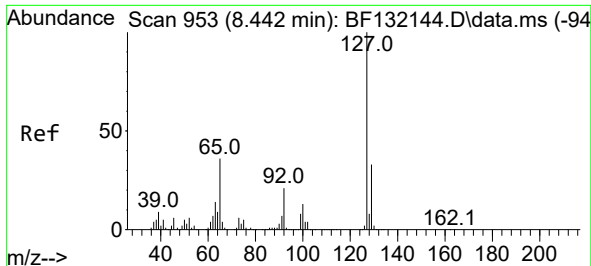
Reviewed By :Christian Giraldo 01/23/2023
Supervised By :Jagrut Upadhyay 01/23/2023



#32
Benzoic acid
Concen: 2.786 ng
RT: 8.048 min Scan# 886
Delta R.T. -0.065 min
Lab File: BF132161.D
Acq: 20 Jan 2023 15:02

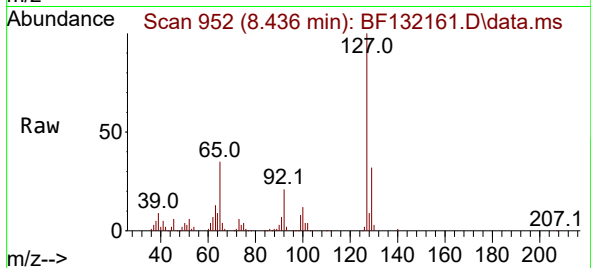
Tgt Ion:122 Resp: 17142
Ion Ratio Lower Upper
122 100
105 120.6 96.8 136.8
77 93.2 72.5 112.5





#33
4-Chloroaniline
Concen: 5.282 ng
RT: 8.436 min Scan# 91
Delta R.T. -0.006 min
Lab File: BF132161.D
Acq: 20 Jan 2023 15:02

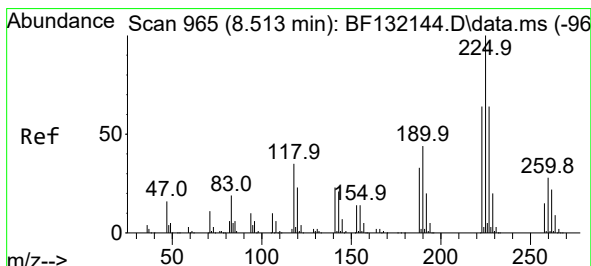
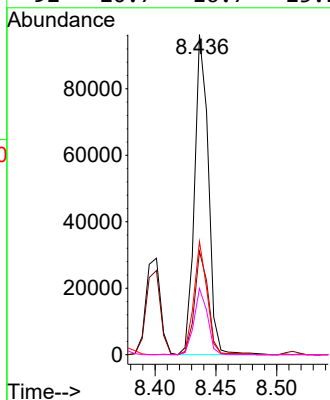
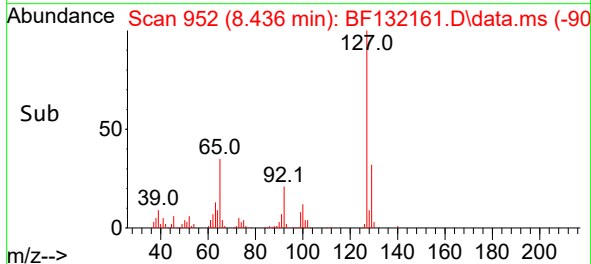
Instrument :
BNA_F
ClientSampleId :
LOQ-WATER-02-QT3-2022



Tgt Ion:127 Resp: 76538
Ion Ratio Lower Upper
127 100
129 32.3 26.0 39.0
65 35.3 28.4 42.6
92 20.7 16.7 25.1

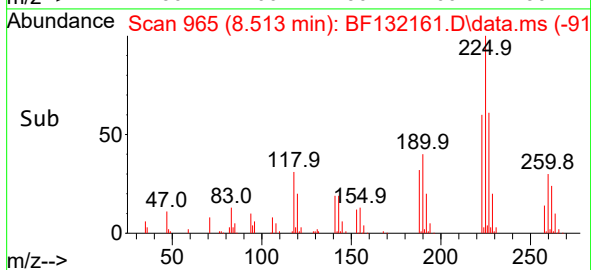
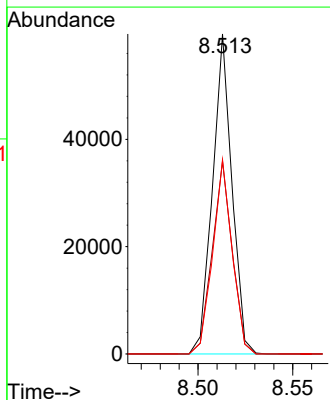
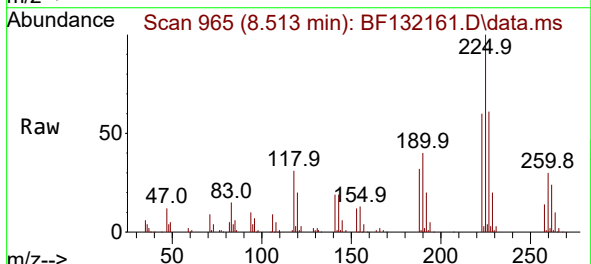
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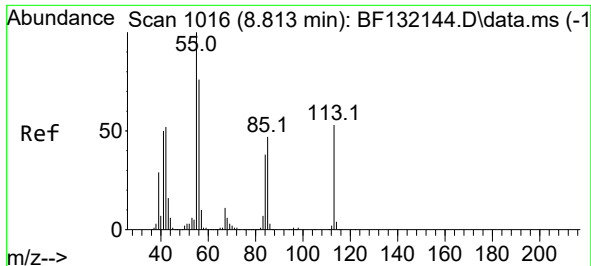
Reviewed By :Christian Giraldo 01/23/2023
Supervised By :Jagrut Upadhyay 01/23/2023



#34
Hexachlorobutadiene
Concen: 5.583 ng
RT: 8.513 min Scan# 965
Delta R.T. -0.000 min
Lab File: BF132161.D
Acq: 20 Jan 2023 15:02

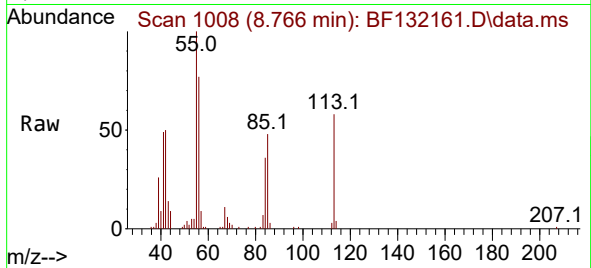
Tgt Ion:225 Resp: 42503
Ion Ratio Lower Upper
225 100
223 60.2 50.9 76.3
227 60.7 50.8 76.2





#35
 Caprolactam
 Concen: 4.805 ng
 RT: 8.766 min Scan# 1008
 Delta R.T. -0.047 min
 Lab File: BF132161.D
 Acq: 20 Jan 2023 15:02

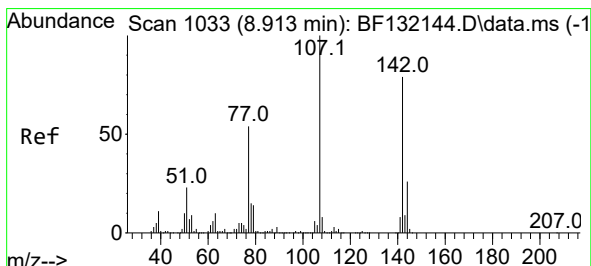
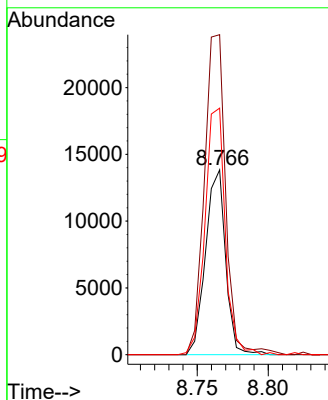
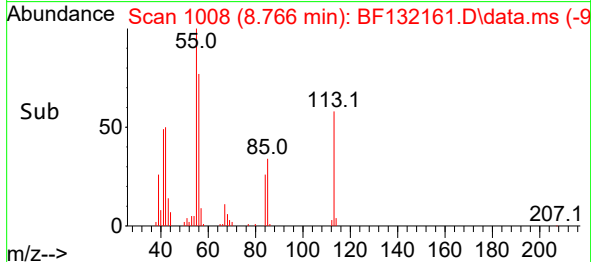
Instrument :
 BNA_F
 ClientSampleId :
 LOQ-WATER-02-QT3-2022



Tgt Ion:113 Resp: 1359
 Ion Ratio Lower Upper
 113 100
 55 173.2 167.5 207.5
 56 133.5 122.0 162.0

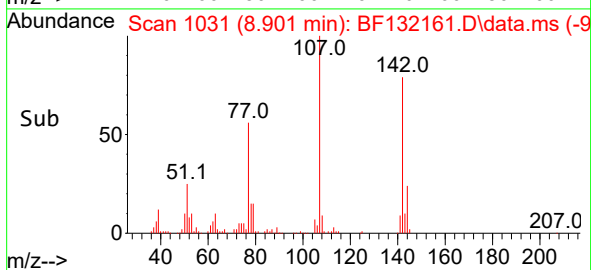
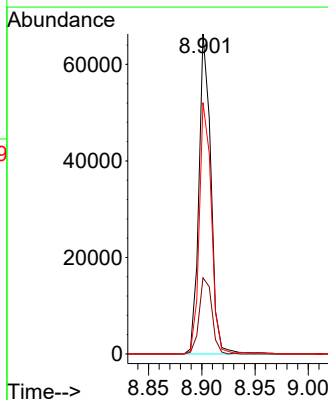
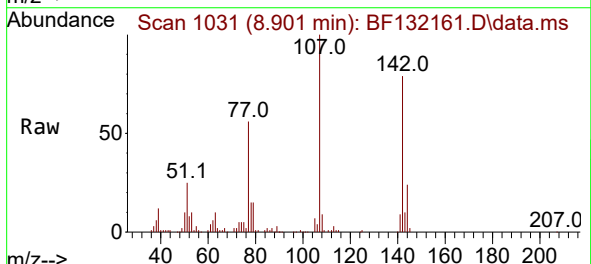
Manual Integrations
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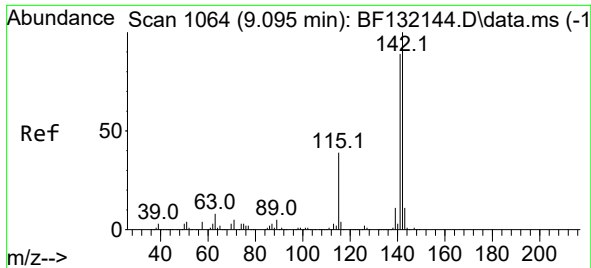
Reviewed By :Christian Giraldo 01/23/2023
 Supervised By :Jagrut Upadhyay 01/23/2023



#36
 4-Chloro-3-methylphenol
 Concen: 5.176 ng
 RT: 8.901 min Scan# 1031
 Delta R.T. -0.012 min
 Lab File: BF132161.D
 Acq: 20 Jan 2023 15:02

Tgt Ion:107 Resp: 51969
 Ion Ratio Lower Upper
 107 100
 144 23.8 21.0 31.4
 142 78.5 63.6 95.4





#37

2-Methylnaphthalene

Concen: 5.514 ng

RT: 9.089 min Scan# 1063

Delta R.T. -0.006 min

Lab File: BF132161.D

Acq: 20 Jan 2023 15:02

Instrument :

BNA_F

ClientSampleId :

LOQ-WATER-02-QT3-2022

Tgt Ion:142 Resp: 128560

Ion Ratio Lower Upper

142 100

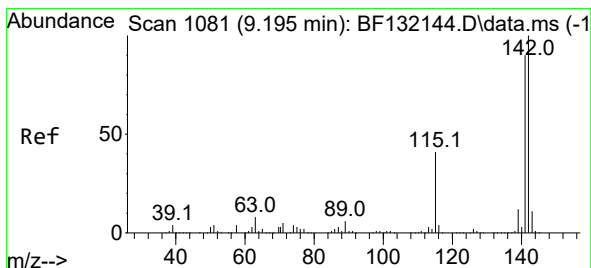
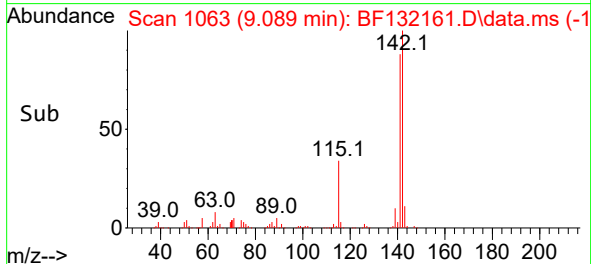
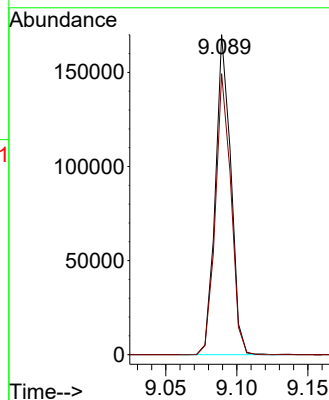
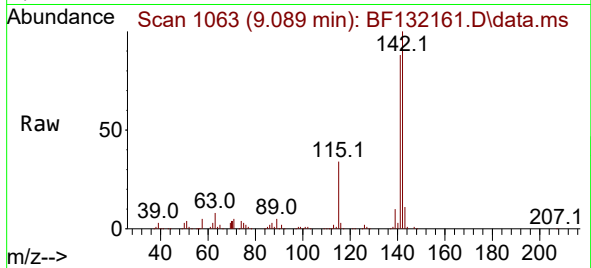
141 87.8 71.1 106.7

Manual Integrations

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Reviewed By :Christian Giraldo 01/23/2023

Supervised By :Jagrut Upadhyay 01/23/2023



#38

1-Methylnaphthalene

Concen: 5.664 ng

RT: 9.189 min Scan# 1080

Delta R.T. -0.006 min

Lab File: BF132161.D

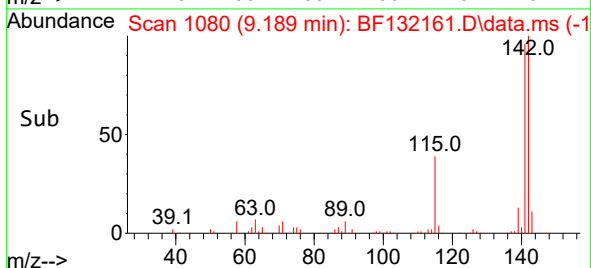
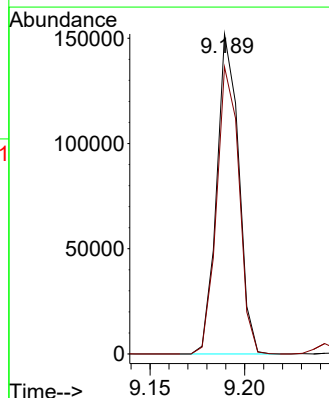
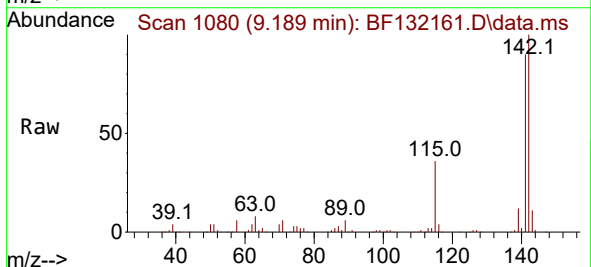
Acq: 20 Jan 2023 15:02

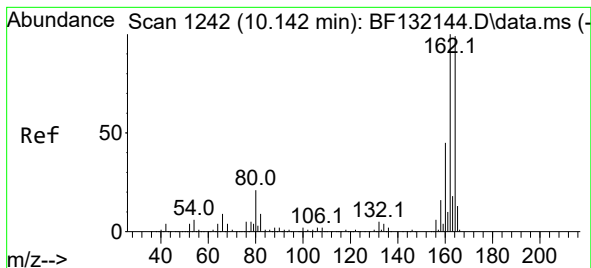
Tgt Ion:142 Resp: 122881

Ion Ratio Lower Upper

142 100

141 89.7 72.1 108.1





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 10.142 min Scan# 1091

Delta R.T. 0.000 min

Lab File: BF132161.D

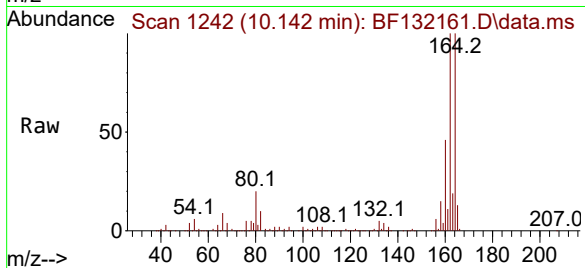
Acq: 20 Jan 2023 15:02

Instrument :

BNA_F

ClientSampleId :

LOQ-WATER-02-QT3-2022



Tgt Ion:164 Resp: 35828

Ion Ratio Lower Upper

164 100

162 100.1 81.2 121.8

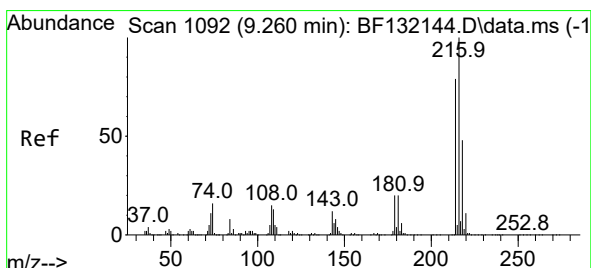
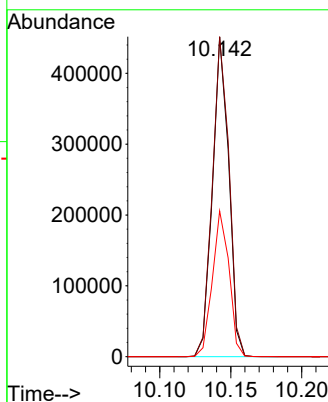
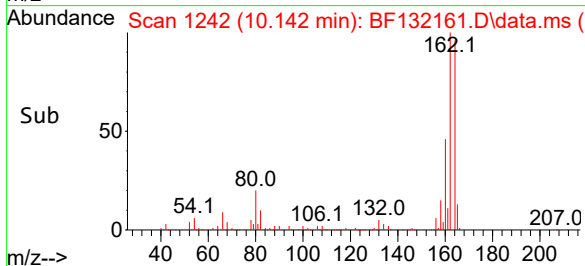
160 45.6 36.9 55.3

Manual Integrations

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Reviewed By :Christian Giraldo 01/23/2023

Supervised By :Jagrut Upadhyay 01/23/2023



#40

1,2,4,5-Tetrachlorobenzene

Concen: 5.260 ng

RT: 9.254 min Scan# 1091

Delta R.T. -0.006 min

Lab File: BF132161.D

Acq: 20 Jan 2023 15:02

Tgt Ion:216 Resp: 65565

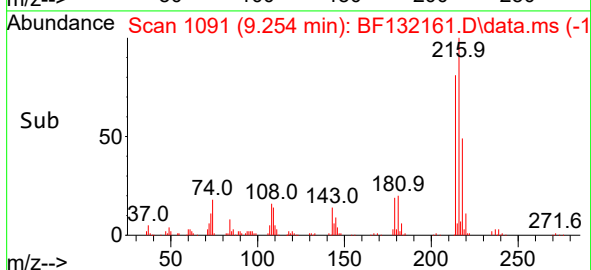
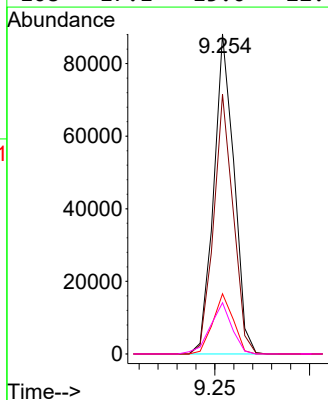
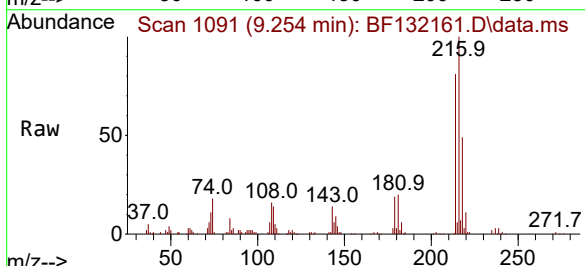
Ion Ratio Lower Upper

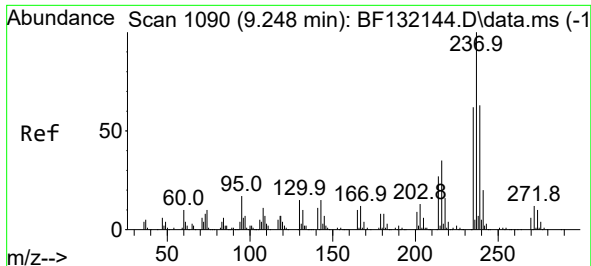
216 100

214 78.4 63.1 94.7

179 18.9 16.6 24.8

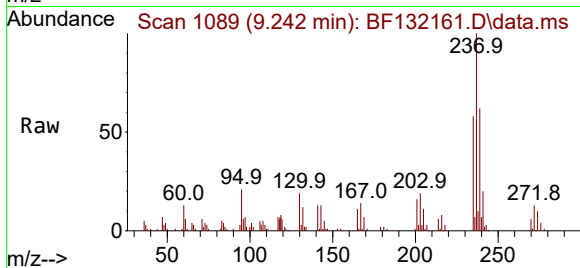
108 17.1 15.0 22.4





#41
Hexachlorocyclopentadiene
Concen: 4.131 ng
RT: 9.242 min Scan# 1090
Delta R.T. -0.006 min
Lab File: BF132161.D
Acq: 20 Jan 2023 15:02

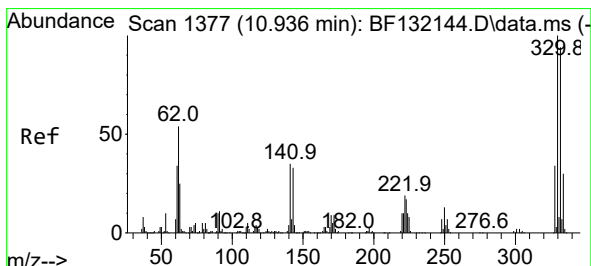
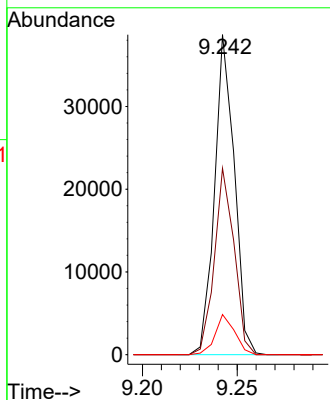
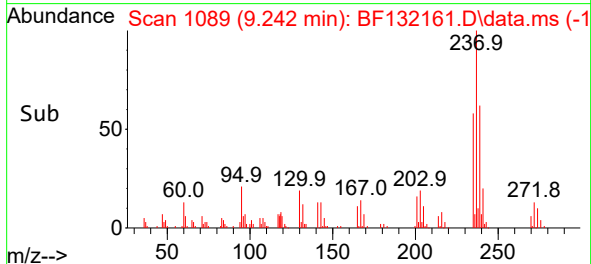
Instrument : BNA_F
ClientSampleId :
LOQ-WATER-02-QT3-2022



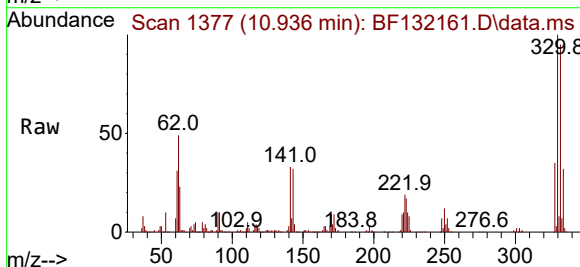
Tgt Ion: 237 Resp: 2809
Ion Ratio Lower Upper
237 100
235 58.3 41.7 81.7
272 12.5 0.0 32.3

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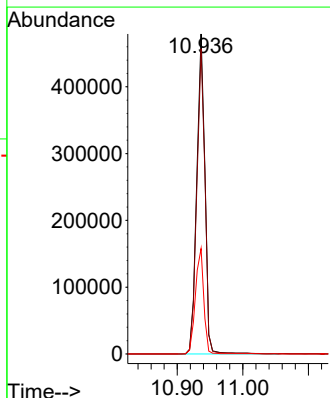
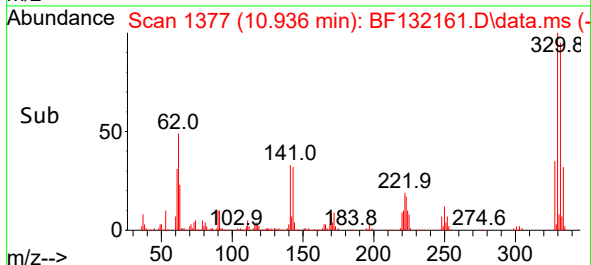
Reviewed By : Christian Giraldo 01/23/2023
Supervised By : Jagrut Upadhyay 01/23/2023

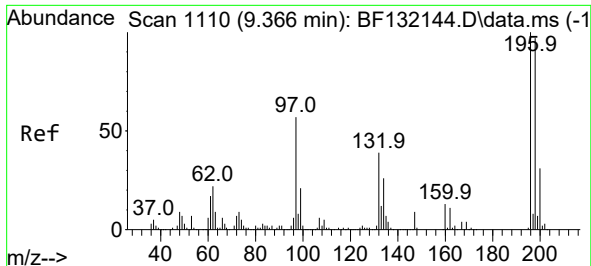


#42
2,4,6-Tribromophenol
Concen: 108.994 ng
RT: 10.936 min Scan# 1377
Delta R.T. 0.000 min
Lab File: BF132161.D
Acq: 20 Jan 2023 15:02



Tgt Ion: 330 Resp: 417117
Ion Ratio Lower Upper
330 100
332 95.6 75.6 113.4
141 33.8 27.1 40.7





#43

2,4,6-Trichlorophenol

Concen: 4.868 ng

RT: 9.360 min Scan# 1110

Delta R.T. -0.006 min

Lab File: BF132161.D

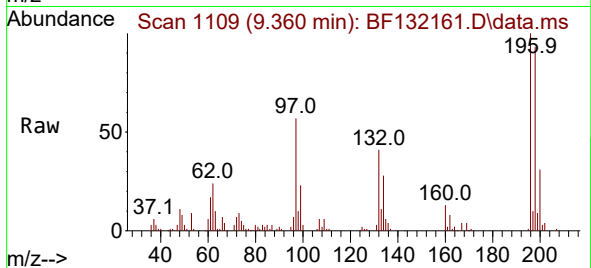
Acq: 20 Jan 2023 15:02

Instrument :

BNA_F

ClientSampleId :

LOQ-WATER-02-QT3-2022



Tgt Ion:196 Resp: 37659

Ion Ratio Lower Upper

196 100

198 93.4 77.4 116.2

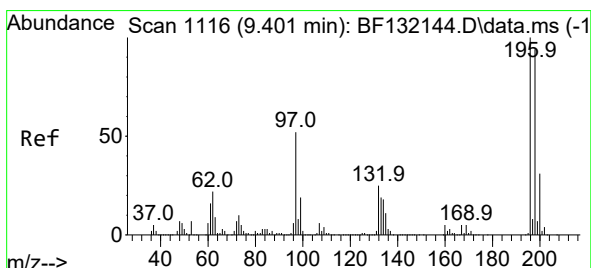
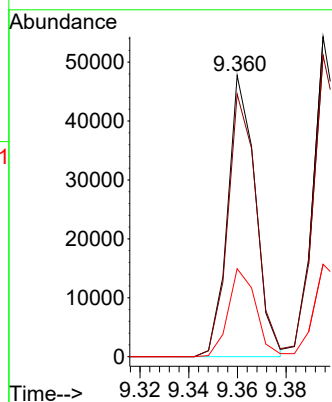
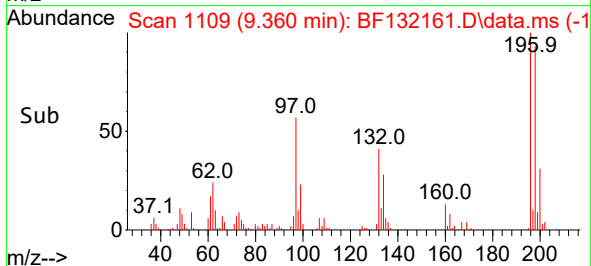
200 31.3 24.9 37.3

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 01/23/2023

Supervised By :Jagrut Upadhyay 01/23/2023



#44

2,4,5-Trichlorophenol

Concen: 4.875 ng

RT: 9.395 min Scan# 1115

Delta R.T. -0.006 min

Lab File: BF132161.D

Acq: 20 Jan 2023 15:02

Tgt Ion:196 Resp: 44106

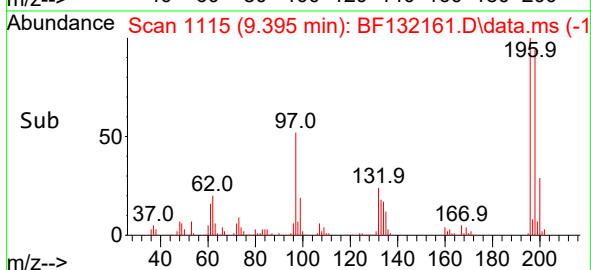
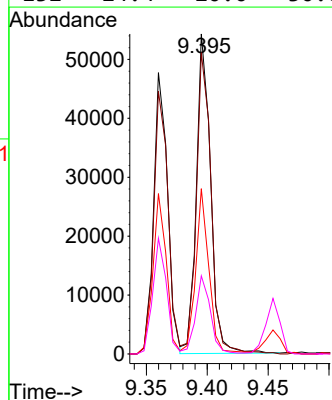
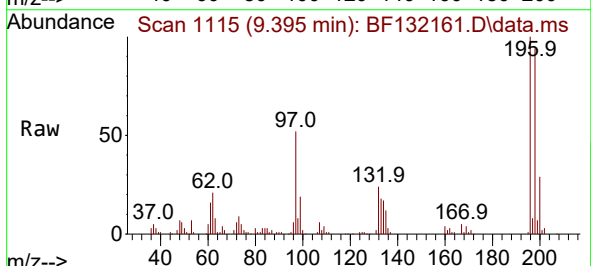
Ion Ratio Lower Upper

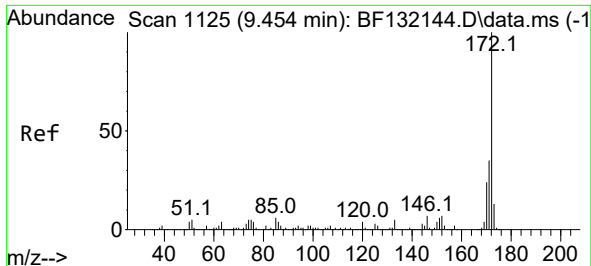
196 100

198 94.1 75.3 112.9

97 51.6 41.3 61.9

132 24.4 20.0 30.0





#45

2-Fluorobiphenyl

Concen: 60.908 ng

RT: 9.454 min Scan# 1125

Delta R.T. -0.000 min

Lab File: BF132161.D

Acq: 20 Jan 2023 15:02

Instrument :

BNA_F

ClientSampleId :

LOQ-WATER-02-QT3-2022

Tgt Ion:172 Resp: 1493409

Ion Ratio Lower Upper

172 100

171 36.3 28.2 42.2

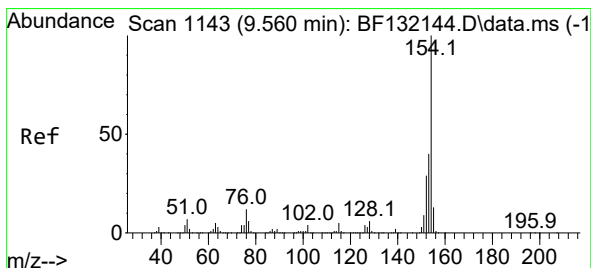
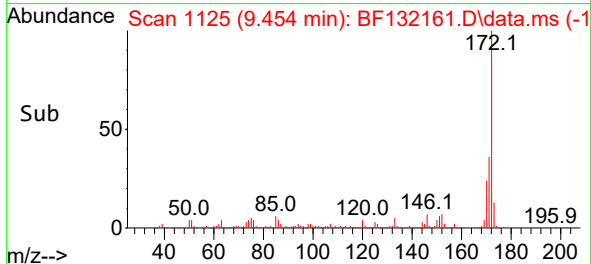
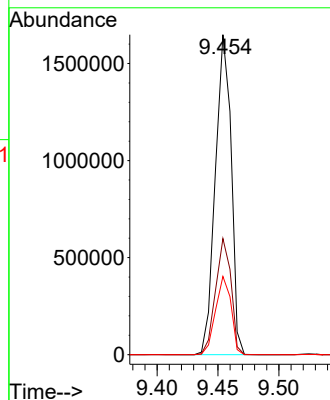
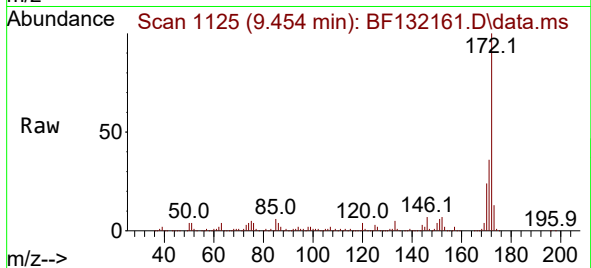
170 24.4 19.6 29.4

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 01/23/2023

Supervised By :Jagrut Upadhyay 01/23/2023



#46

1,1'-Biphenyl

Concen: 5.506 ng

RT: 9.554 min Scan# 1142

Delta R.T. -0.006 min

Lab File: BF132161.D

Acq: 20 Jan 2023 15:02

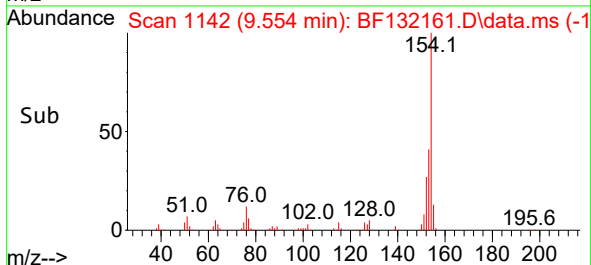
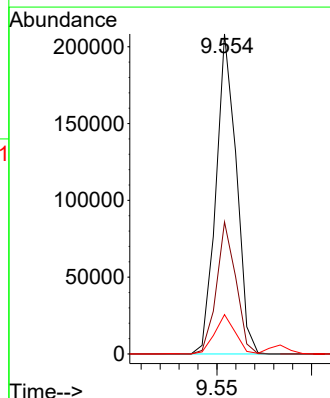
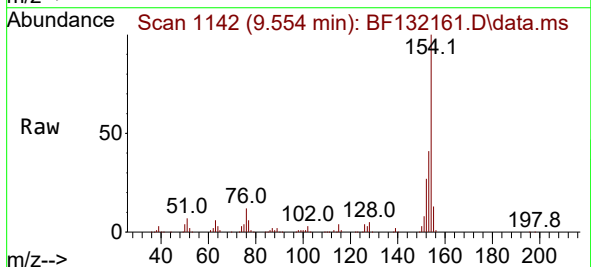
Tgt Ion:154 Resp: 155631

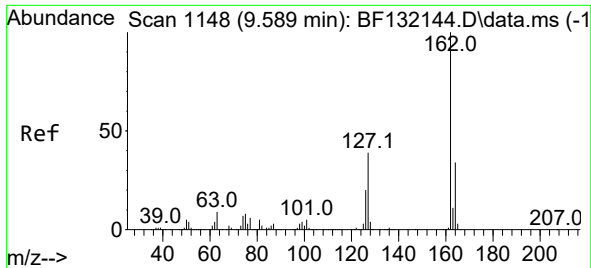
Ion Ratio Lower Upper

154 100

153 41.2 20.2 60.2

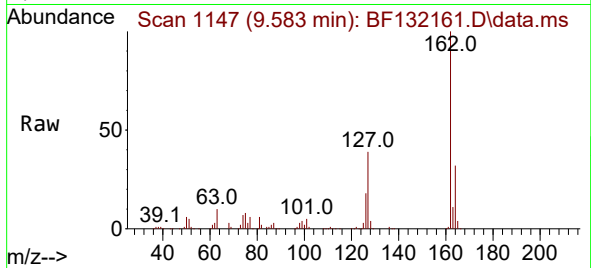
76 12.3 0.0 32.2





#47
2-Chloronaphthalene
Concen: 5.797 ng
RT: 9.583 min Scan# 1148
Delta R.T. -0.006 min
Lab File: BF132161.D
Acq: 20 Jan 2023 15:02

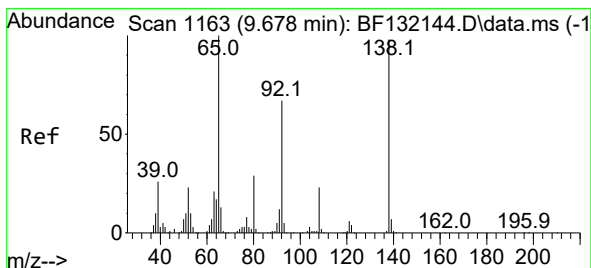
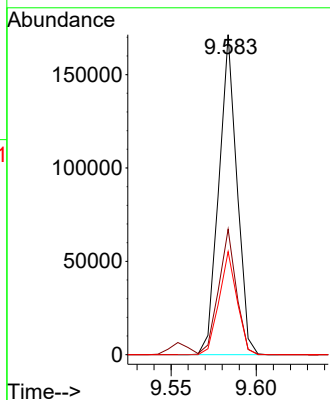
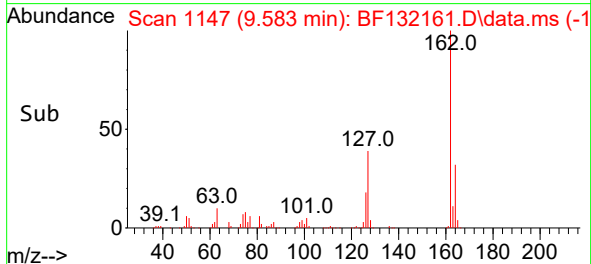
Instrument : BNA_F
ClientSampleId : LOQ-WATER-02-QT3-2022



Tgt Ion:162 Resp: 126658
Ion Ratio Lower Upper
162 100
127 39.2 31.1 46.7
164 32.2 26.9 40.3

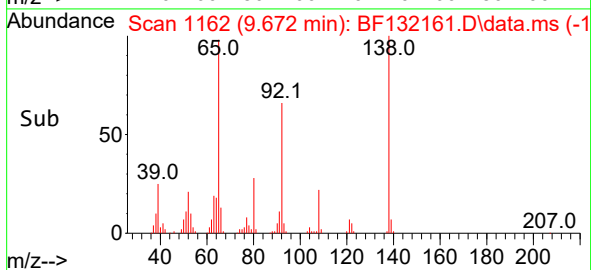
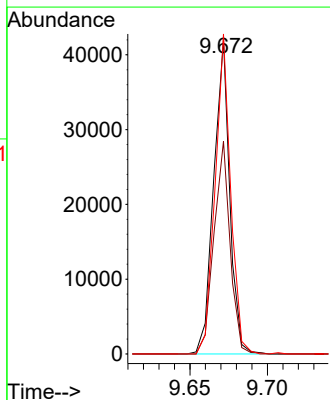
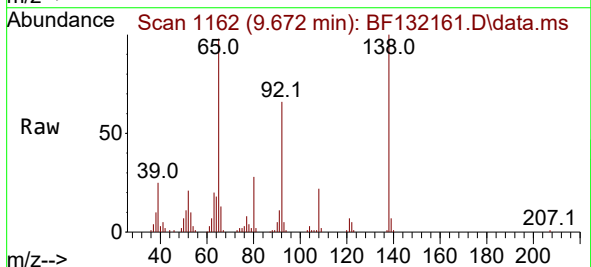
Manual Integrations
APPROVED

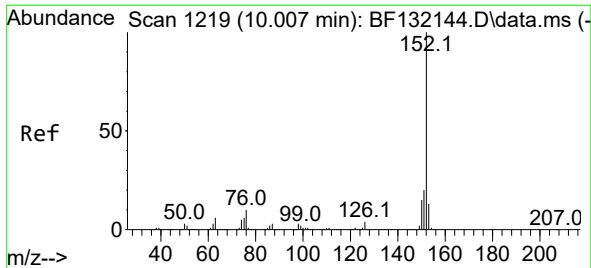
Reviewed By :Christian Giraldo 01/23/2023
Supervised By :Jagrut Upadhyay 01/23/2023



#48
2-Nitroaniline
Concen: 4.773 ng
RT: 9.672 min Scan# 1162
Delta R.T. -0.006 min
Lab File: BF132161.D
Acq: 20 Jan 2023 15:02

Tgt Ion: 65 Resp: 30029
Ion Ratio Lower Upper
65 100
92 67.6 53.8 80.6
138 101.7 78.7 118.1





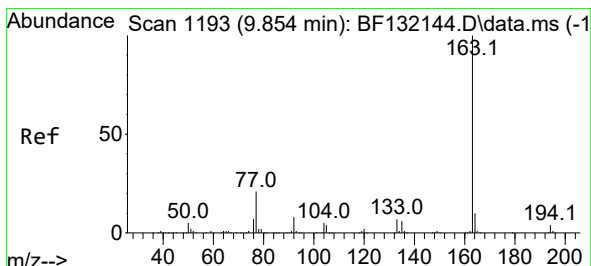
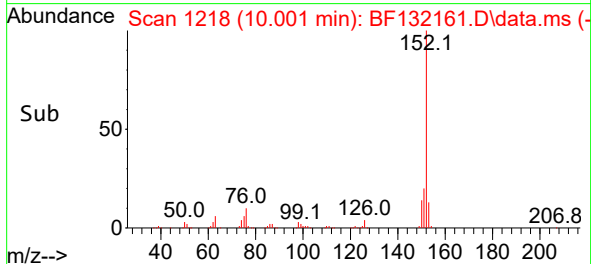
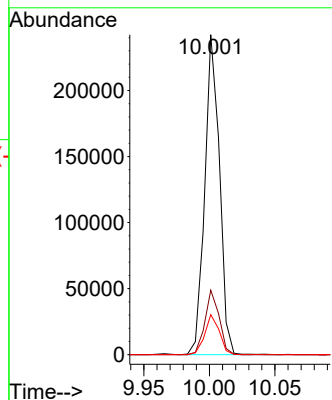
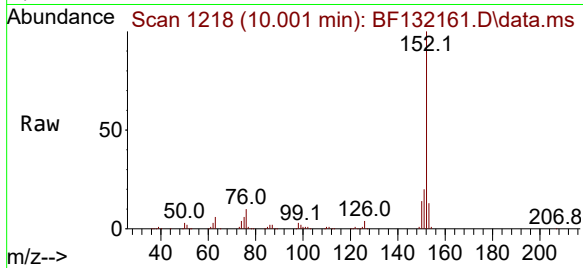
#49
Acenaphthylene
Concen: 5.425 ng
RT: 10.001 min Scan# 1191
Delta R.T. -0.006 min
Lab File: BF132161.D
Acq: 20 Jan 2023 15:02

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

Tgt Ion:152 Resp: 18962
Ion Ratio Lower Upper
152 100
151 20.2 16.4 24.6
153 12.5 10.6 15.8

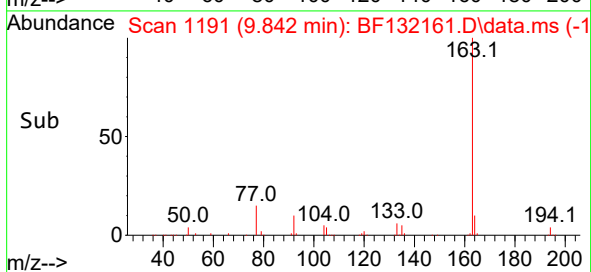
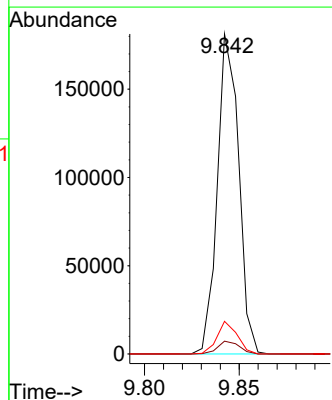
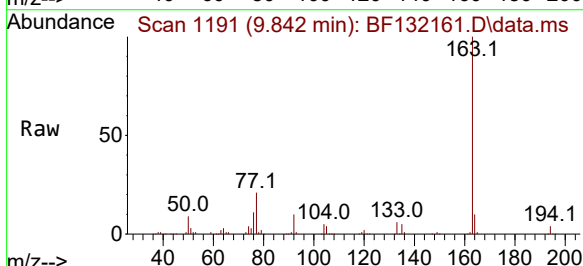
Manual Integrations
APPROVED

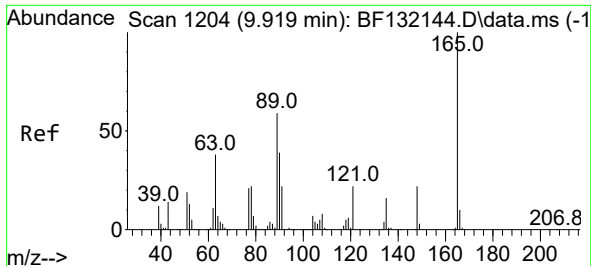
Reviewed By :Christian Giraldo 01/23/2023
Supervised By :Jagrut Upadhyay 01/23/2023



#50
Dimethylphthalate
Concen: 5.479 ng
RT: 9.842 min Scan# 1191
Delta R.T. -0.012 min
Lab File: BF132161.D
Acq: 20 Jan 2023 15:02

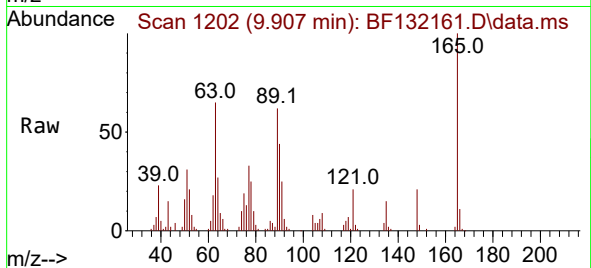
Tgt Ion:163 Resp: 142161
Ion Ratio Lower Upper
163 100
194 4.0 3.1 4.7
164 10.2 8.2 12.2





#51
2,6-Dinitrotoluene
Concen: 5.368 ng
RT: 9.907 min Scan# 1202
Delta R.T. -0.012 min
Lab File: BF132161.D
Acq: 20 Jan 2023 15:02

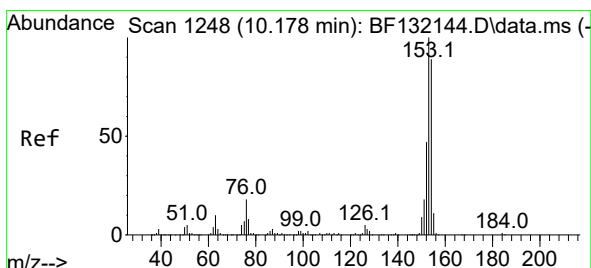
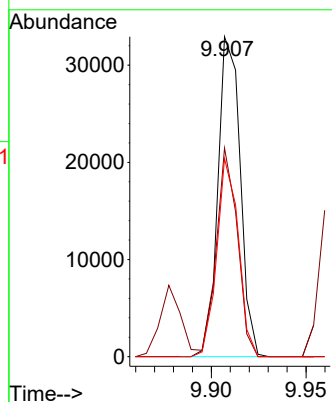
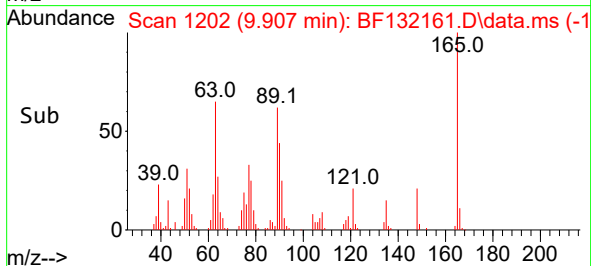
Instrument :
BNA_F
ClientSampleId :
LOQ-WATER-02-QT3-2022



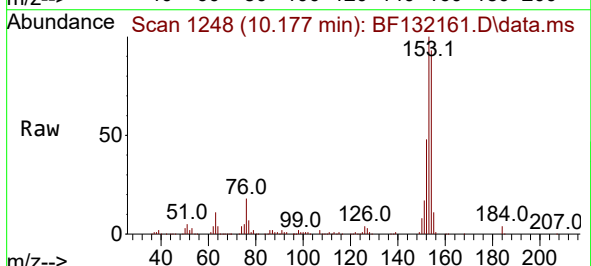
Tgt Ion:165 Resp: 26997
Ion Ratio Lower Upper
165 100
63 65.2 46.6 70.0
89 61.9 47.4 71.2

Manual Integrations
APPROVED

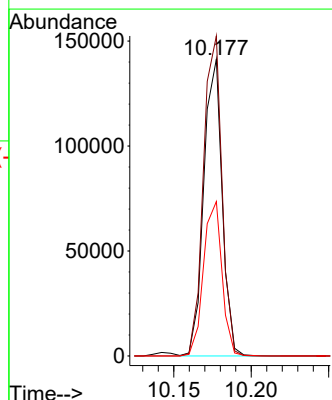
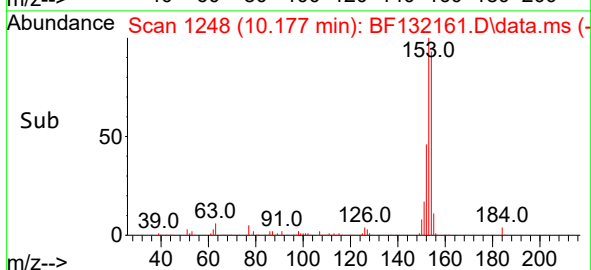
Reviewed By :Christian Giraldo 01/23/2023
Supervised By :Jagrut Upadhyay 01/23/2023

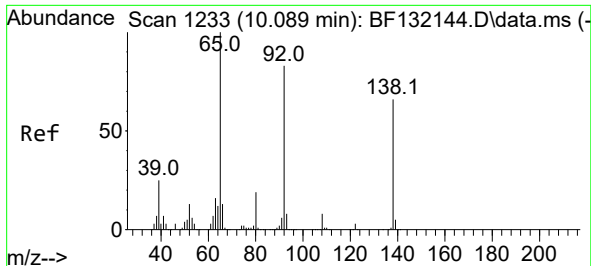


#52
Acenaphthene
Concen: 5.547 ng
RT: 10.177 min Scan# 1248
Delta R.T. -0.000 min
Lab File: BF132161.D
Acq: 20 Jan 2023 15:02



Tgt Ion:154 Resp: 116624
Ion Ratio Lower Upper
154 100
153 107.8 89.8 134.8
152 52.0 42.3 63.5





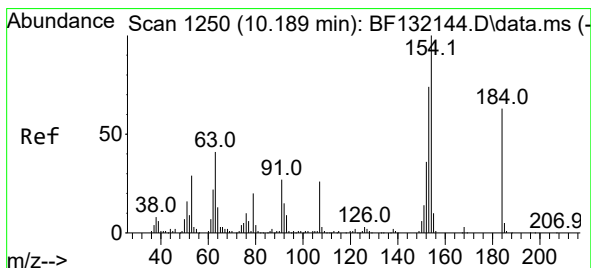
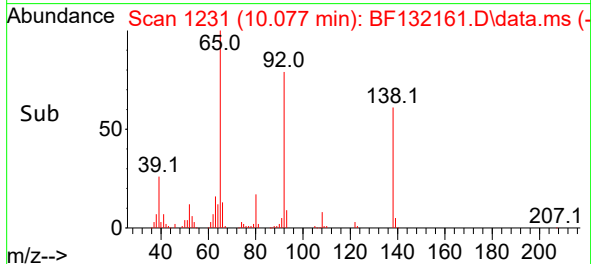
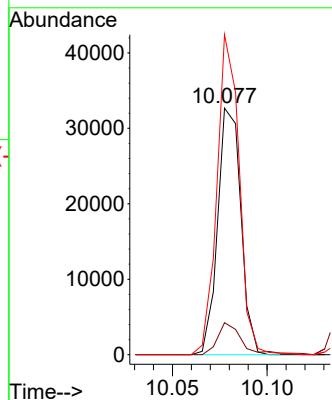
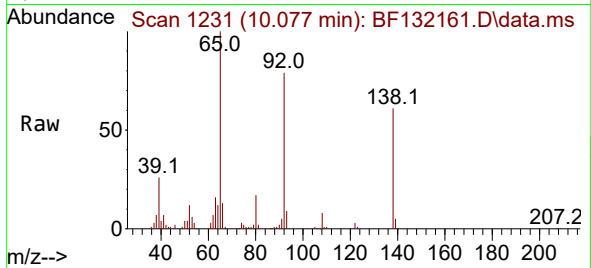
#53
3-Nitroaniline
Concen: 5.179 ng
RT: 10.077 min Scan# 1231
Delta R.T. -0.012 min
Lab File: BF132161.D
Acq: 20 Jan 2023 15:02

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

Tgt Ion:138 Resp: 27850
Ion Ratio Lower Upper
138 100
108 13.0 9.1 13.7
92 129.8 101.2 151.8

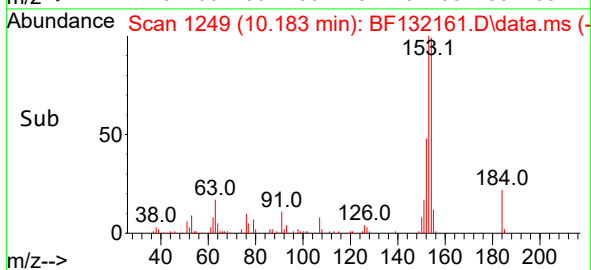
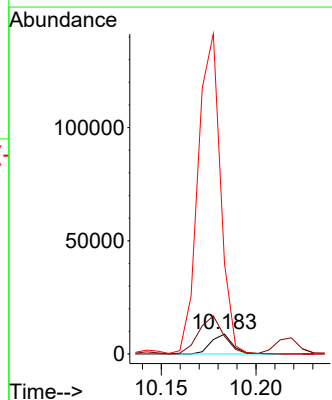
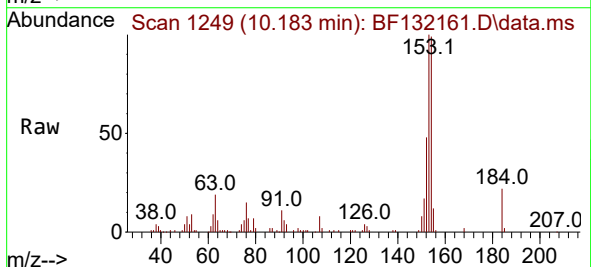
Manual Integrations
APPROVED

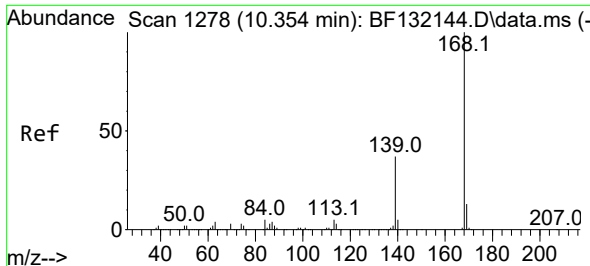
Reviewed By :Christian Giraldo 01/23/2023
Supervised By :Jagrut Upadhyay 01/23/2023



#54
2,4-Dinitrophenol
Concen: 3.576 ng
RT: 10.183 min Scan# 1249
Delta R.T. -0.006 min
Lab File: BF132161.D
Acq: 20 Jan 2023 15:02

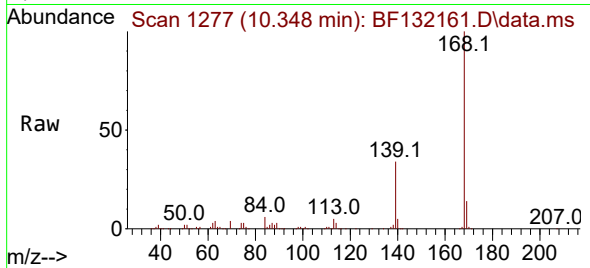
Tgt Ion:184 Resp: 6935
Ion Ratio Lower Upper
184 100
63 88.8 53.2 79.8#
154 456.5 129.4 194.0#





#55
Dibenzenofuran
Concen: 5.693 ng
RT: 10.348 min Scan# 1277
Delta R.T. -0.006 min
Lab File: BF132161.D
Acq: 20 Jan 2023 15:02

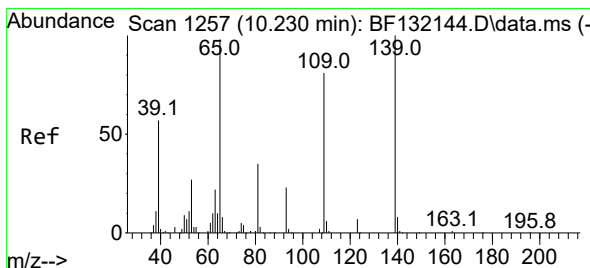
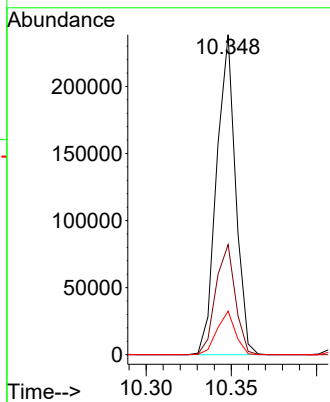
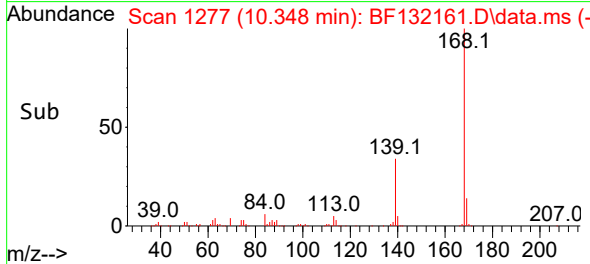
Instrument : BNA_F
ClientSampleId :
LOQ-WATER-02-QT3-2022



Tgt Ion:168 Resp: 18497
Ion Ratio Lower Upper
168 100
139 34.4 29.8 44.8
169 13.6 10.3 15.5

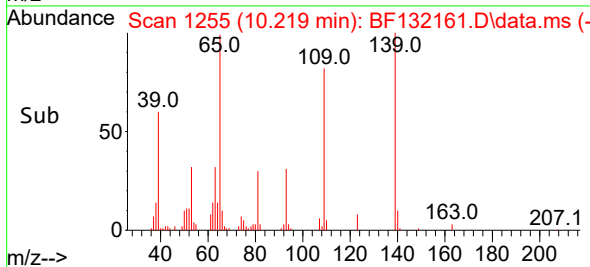
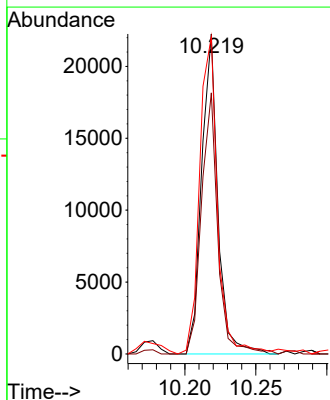
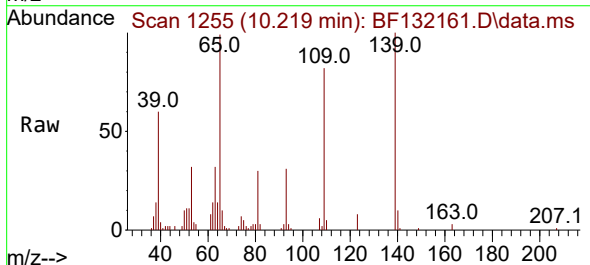
Manual Integrations
APPROVED

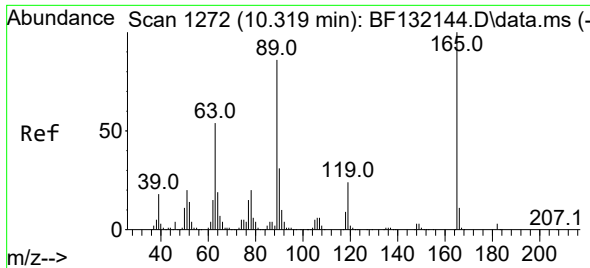
Reviewed By :Christian Giraldo 01/23/2023
Supervised By :Jagrut Upadhyay 01/23/2023



#56
4-Nitrophenol
Concen: 4.545 ng
RT: 10.219 min Scan# 1255
Delta R.T. -0.012 min
Lab File: BF132161.D
Acq: 20 Jan 2023 15:02

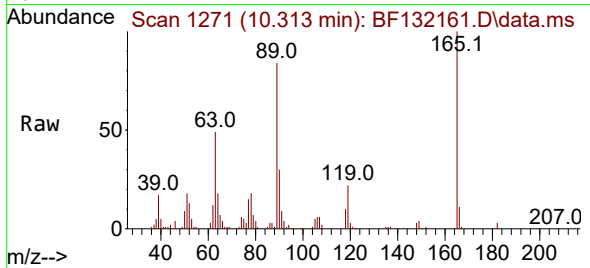
Tgt Ion:139 Resp: 17786
Ion Ratio Lower Upper
139 100
109 81.6 61.0 101.0
65 99.1 79.3 119.3





#57
2,4-Dinitrotoluene
Concen: 4.927 ng
RT: 10.313 min Scan# 1271
Delta R.T. -0.006 min
Lab File: BF132161.D
Acq: 20 Jan 2023 15:02

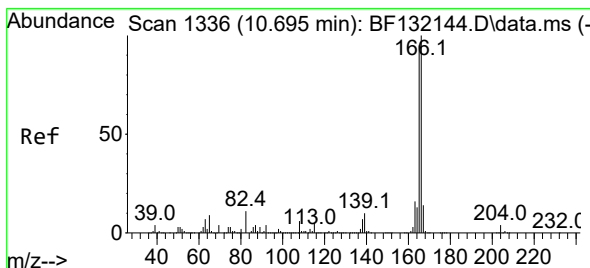
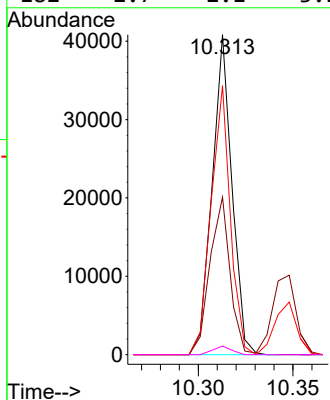
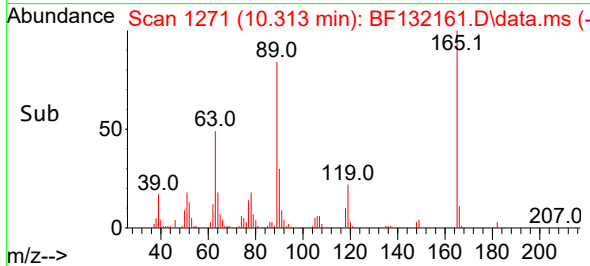
Instrument :
BNA_F
ClientSampleId :
LOQ-WATER-02-QT3-2022



Tgt Ion:165 Resp: 29744
Ion Ratio Lower Upper
165 100
63 49.3 43.5 65.3
89 84.0 69.0 103.6
182 2.7 2.1 3.1

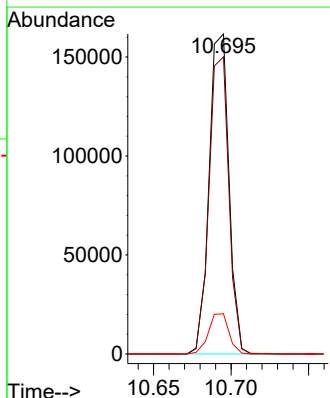
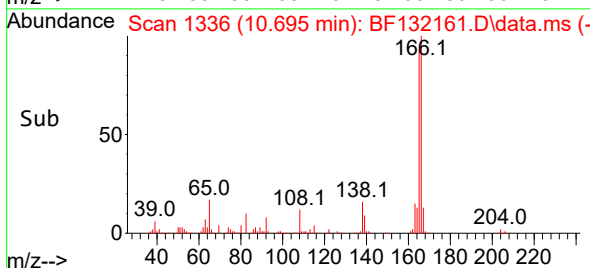
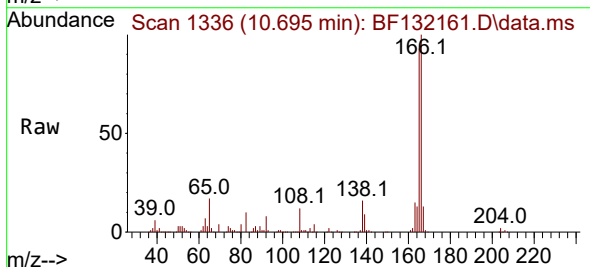
Manual Integrations
APPROVED

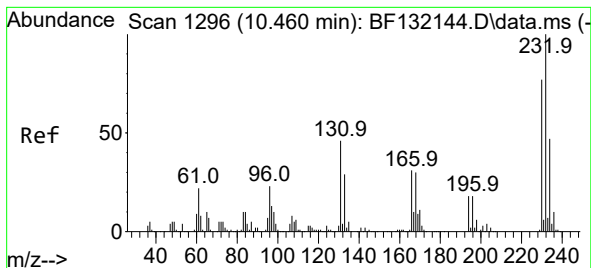
Reviewed By :Christian Giraldo 01/23/2023
Supervised By :Jagrut Upadhyay 01/23/2023



#58
Fluorene
Concen: 5.978 ng
RT: 10.695 min Scan# 1336
Delta R.T. -0.000 min
Lab File: BF132161.D
Acq: 20 Jan 2023 15:02

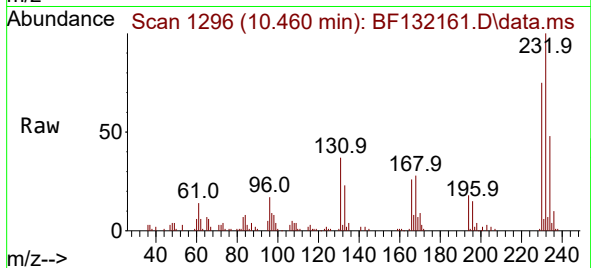
Tgt Ion:166 Resp: 143921
Ion Ratio Lower Upper
166 100
165 92.9 76.4 114.6
167 12.6 11.0 16.4





#59
2,3,4,6-Tetrachlorophenol
Concen: 5.258 ng
RT: 10.460 min Scan# 1296
Delta R.T. -0.000 min
Lab File: BF132161.D
Acq: 20 Jan 2023 15:02

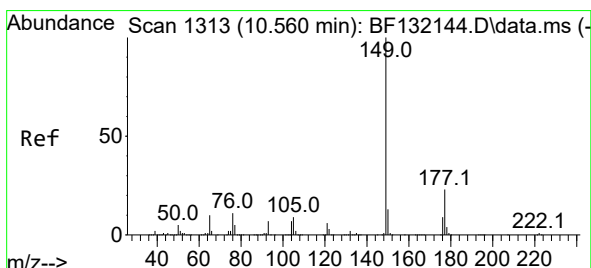
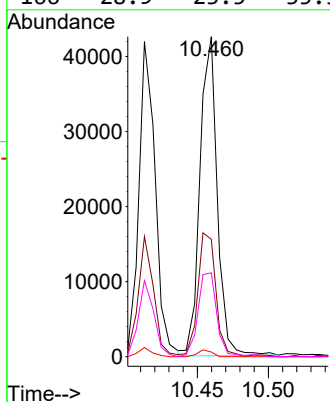
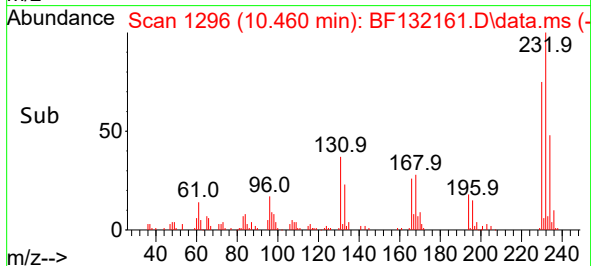
Instrument : BNA_F
ClientSampleId : LOQ-WATER-02-QT3-2022



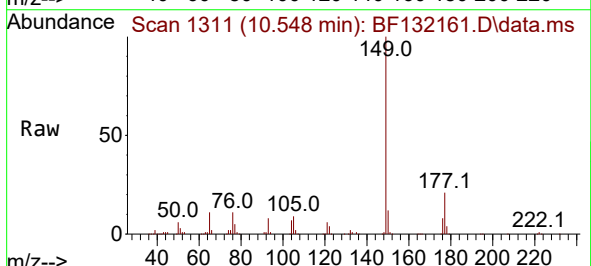
Tgt Ion:232 Resp: 36189
Ion Ratio Lower Upper
232 100
131 40.3 33.8 50.6
130 1.8 1.9 2.9
166 28.9 23.5 35.3

Manual Integrations
APPROVED

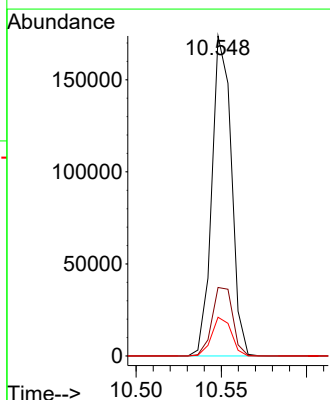
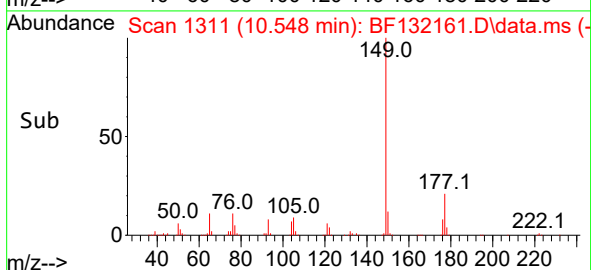
Reviewed By :Christian Giraldo 01/23/2023
Supervised By :Jagrut Upadhyay 01/23/2023

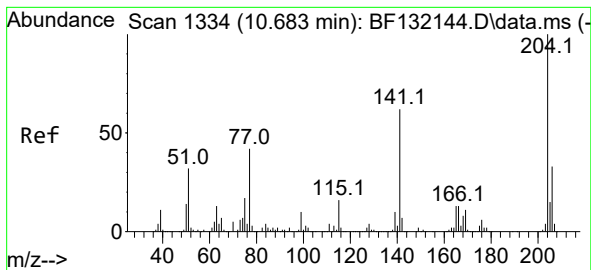


#60
Diethylphthalate
Concen: 5.448 ng
RT: 10.548 min Scan# 1311
Delta R.T. -0.012 min
Lab File: BF132161.D
Acq: 20 Jan 2023 15:02



Tgt Ion:149 Resp: 138629
Ion Ratio Lower Upper
149 100
177 21.4 18.4 27.6
150 12.1 10.1 15.1





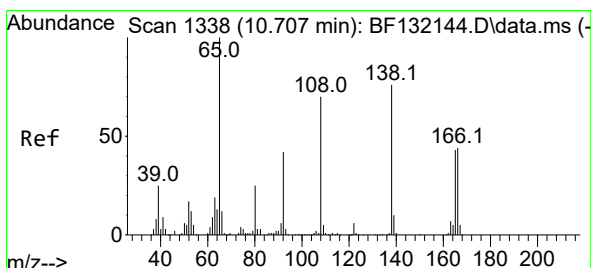
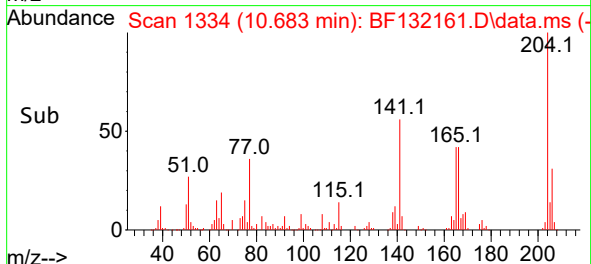
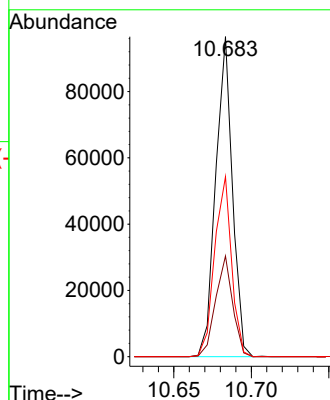
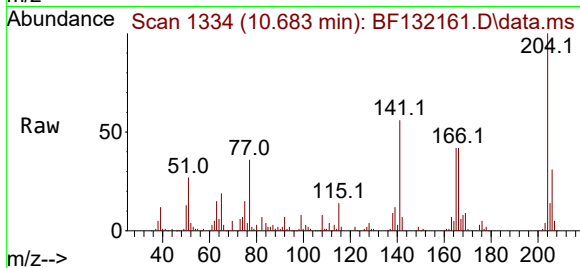
#61
4-Chlorophenyl-phenylether
Concen: 5.614 ng
RT: 10.683 min Scan# 1334
Delta R.T. -0.000 min
Lab File: BF132161.D
Acq: 20 Jan 2023 15:02

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

Tgt Ion:204 Resp: 72372
Ion Ratio Lower Upper
204 100
206 31.4 26.4 39.6
141 56.3 49.2 73.8

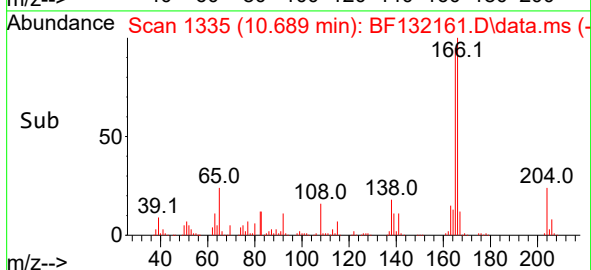
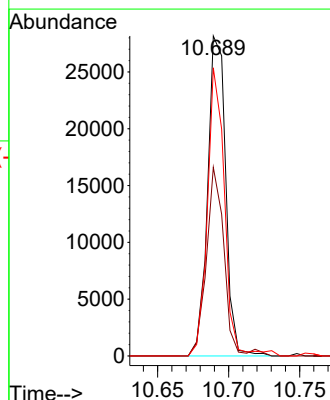
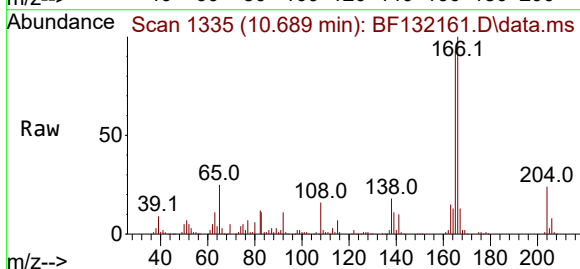
Manual Integrations
APPROVED

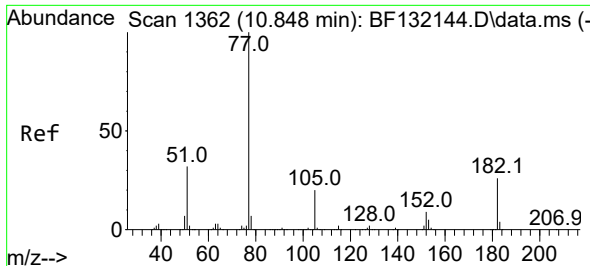
Reviewed By :Christian Giraldo 01/23/2023
Supervised By :Jagrut Upadhyay 01/23/2023



#62
4-Nitroaniline
Concen: 4.986 ng
RT: 10.689 min Scan# 1335
Delta R.T. -0.018 min
Lab File: BF132161.D
Acq: 20 Jan 2023 15:02

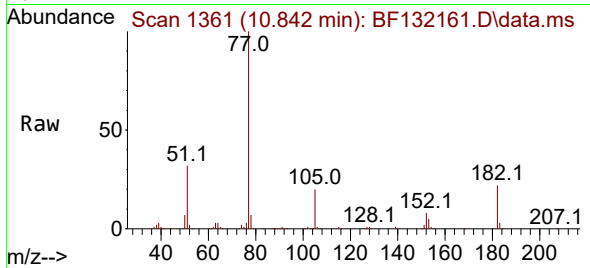
Tgt Ion:138 Resp: 24963
Ion Ratio Lower Upper
138 100
92 59.0 35.9 75.9
108 90.1 72.0 112.0





#63
Azobenzene
Concen: 5.380 ng
RT: 10.842 min Scan# 1362
Delta R.T. -0.006 min
Lab File: BF132161.D
Acq: 20 Jan 2023 15:02

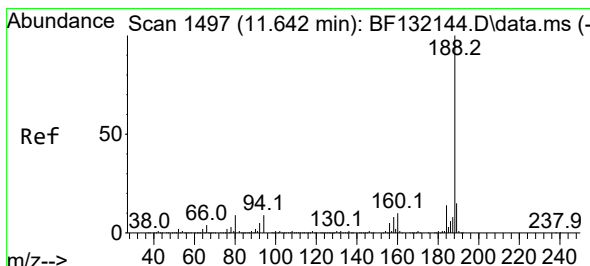
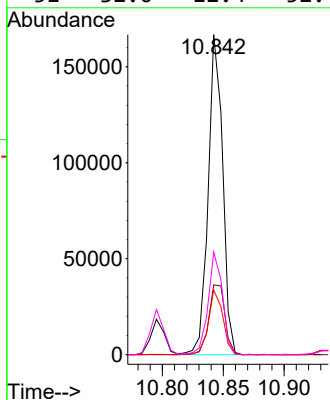
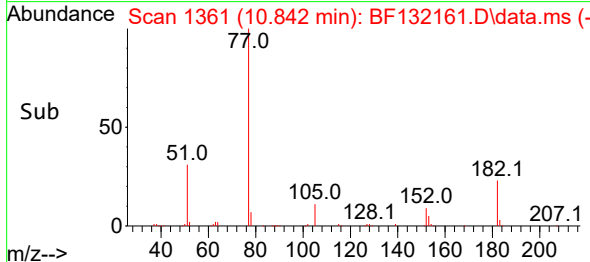
Instrument : BNA_F
ClientSampleId :
LOQ-WATER-02-QT3-2022



Tgt Ion: 77 Resp: 137410
Ion Ratio Lower Upper
77 100
182 21.8 6.4 46.4
105 20.2 0.0 39.8
51 32.0 12.4 52.4

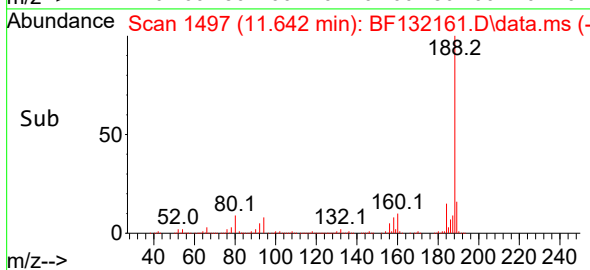
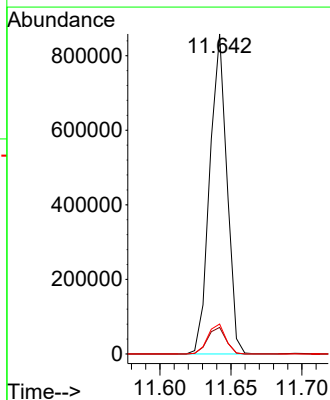
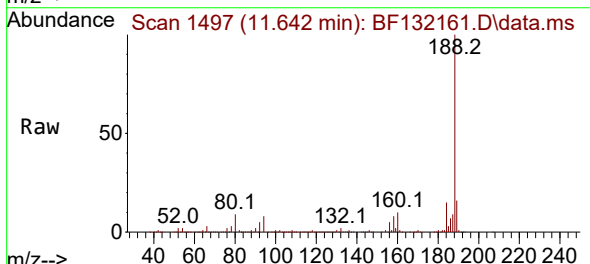
Manual Integrations
APPROVED

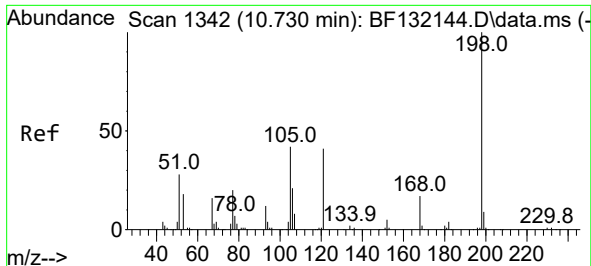
Reviewed By :Christian Giraldo 01/23/2023
Supervised By :Jagrut Upadhyay 01/23/2023



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.642 min Scan# 1497
Delta R.T. 0.000 min
Lab File: BF132161.D
Acq: 20 Jan 2023 15:02

Tgt Ion:188 Resp: 719050
Ion Ratio Lower Upper
188 100
94 8.3 6.9 10.3
80 9.3 7.5 11.3





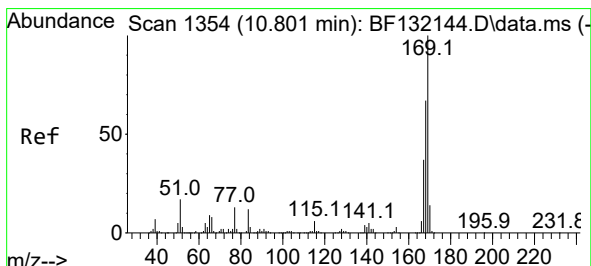
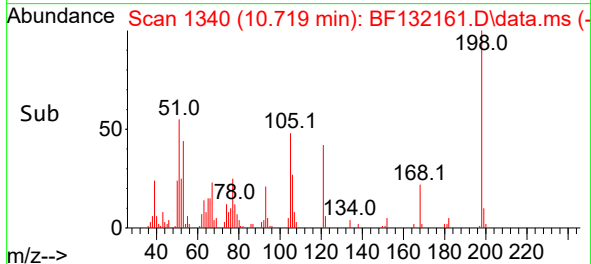
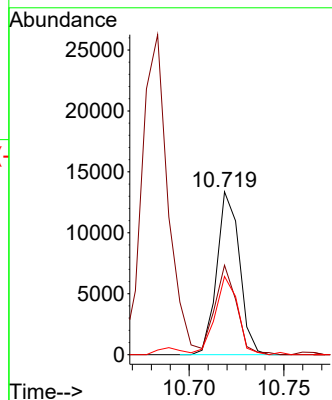
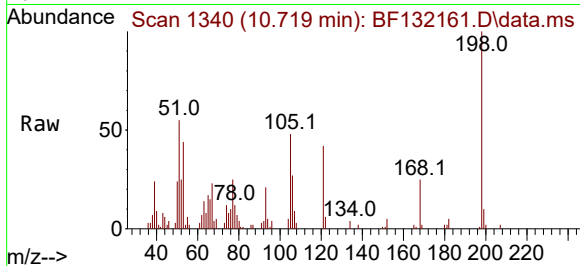
#65
4,6-Dinitro-2-methylphenol
Concen: 3.573 ng
RT: 10.719 min Scan# 1113
Delta R.T. -0.011 min
Lab File: BF132161.D
Acq: 20 Jan 2023 15:02

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

Tgt Ion:198 Resp: 11139
Ion Ratio Lower Upper
198 100
51 54.9 24.3 64.3
105 48.0 23.3 63.3

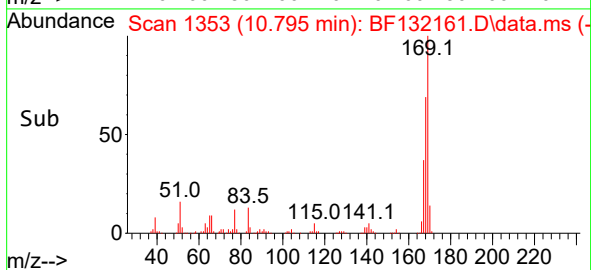
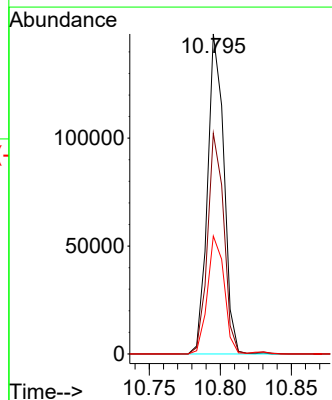
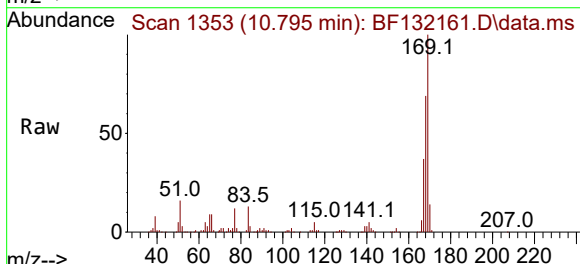
Manual Integrations
APPROVED

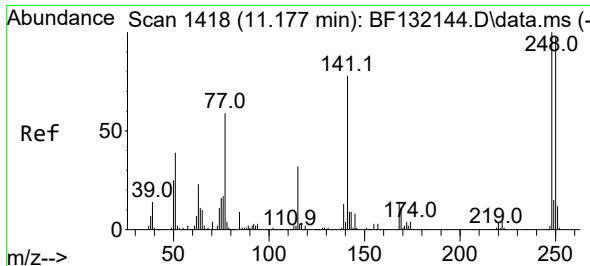
Reviewed By :Christian Giraldo 01/23/2023
Supervised By :Jagrut Upadhyay 01/23/2023



#66
n-Nitrosodiphenylamine
Concen: 5.170 ng
RT: 10.795 min Scan# 1353
Delta R.T. -0.006 min
Lab File: BF132161.D
Acq: 20 Jan 2023 15:02

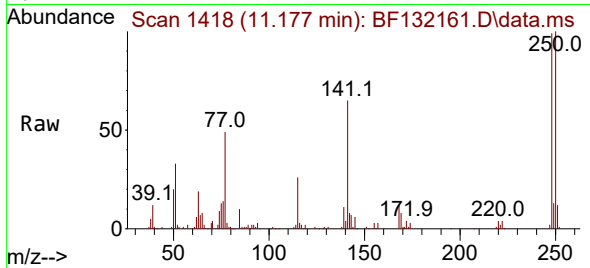
Tgt Ion:169 Resp: 119055
Ion Ratio Lower Upper
169 100
168 69.0 53.4 80.0
167 36.9 29.7 44.5





#67
4-Bromophenyl-phenylether
Concen: 5.039 ng
RT: 11.177 min Scan# 1418
Delta R.T. -0.000 min
Lab File: BF132161.D
Acq: 20 Jan 2023 15:02

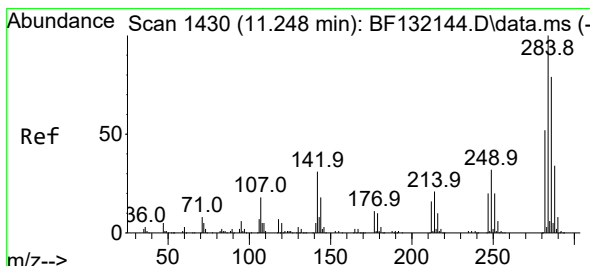
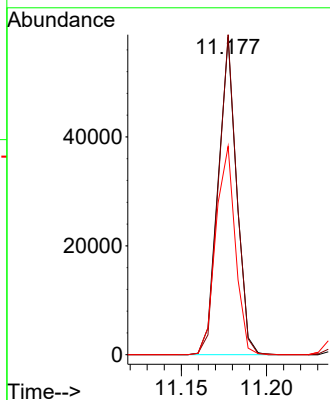
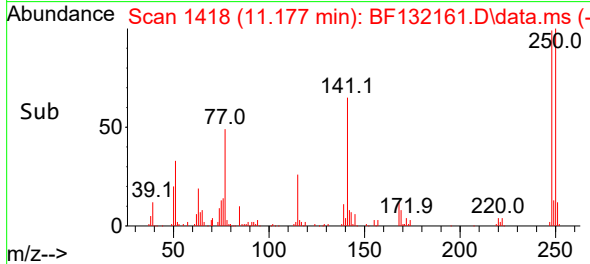
Instrument : BNA_F
ClientSampleId :
LOQ-WATER-02-QT3-2022



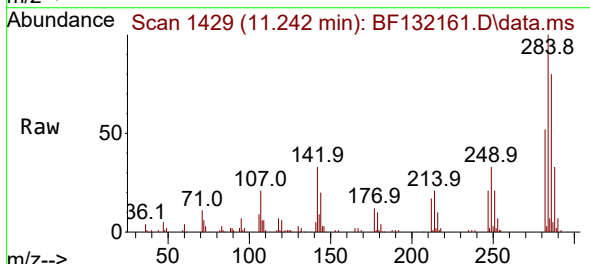
Tgt Ion:248 Resp: 4416
Ion Ratio Lower Upper
248 100
250 100.8 77.4 116.0
141 65.6 62.2 93.2

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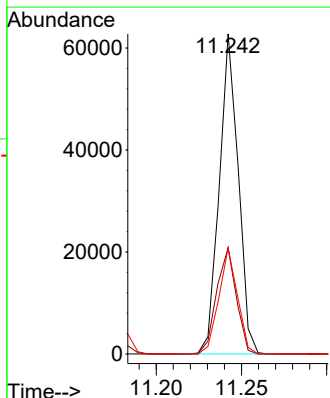
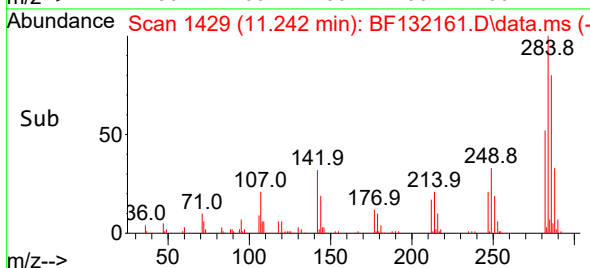
Reviewed By :Christian Giraldo 01/23/2023
Supervised By :Jagrut Upadhyay 01/23/2023

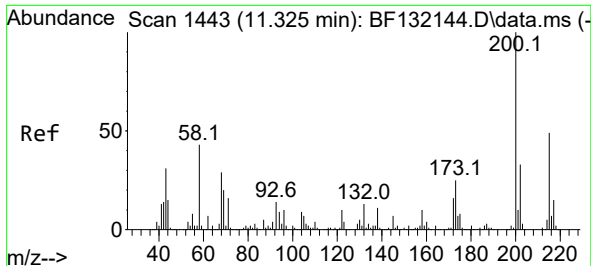


#68
Hexachlorobenzene
Concen: 5.572 ng
RT: 11.242 min Scan# 1429
Delta R.T. -0.006 min
Lab File: BF132161.D
Acq: 20 Jan 2023 15:02



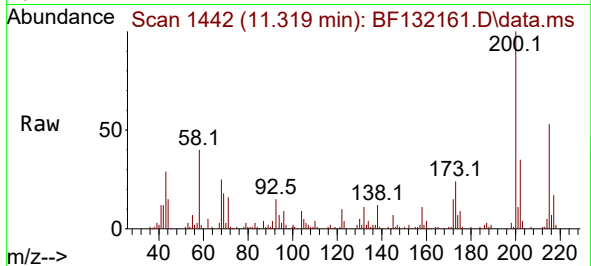
Tgt Ion:284 Resp: 48536
Ion Ratio Lower Upper
284 100
142 33.2 24.7 37.1
249 33.2 25.6 38.4





#69
 Atrazine
 Concen: 5.114 ng
 RT: 11.319 min Scan# 1442
 Delta R.T. -0.006 min
 Lab File: BF132161.D
 Acq: 20 Jan 2023 15:02

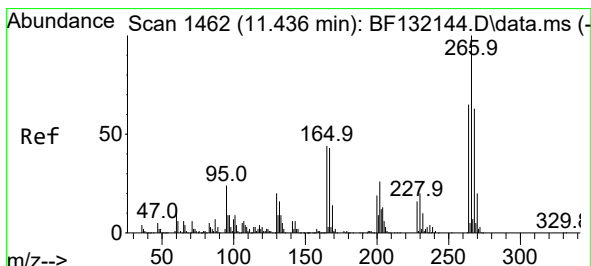
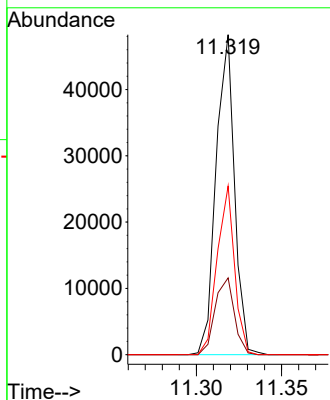
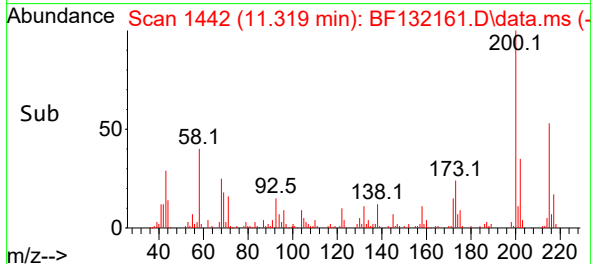
Instrument :
 BNA_F
 ClientSampleId :
 LOQ-WATER-02-QT3-2022



Tgt Ion:200 Resp: 36338
 Ion Ratio Lower Upper
 200 100
 173 24.0 5.0 45.0
 215 52.7 28.6 68.6

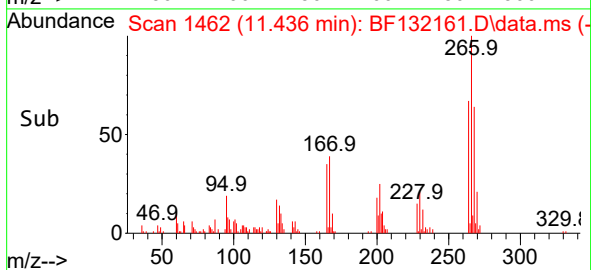
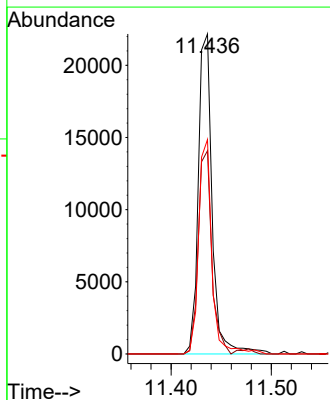
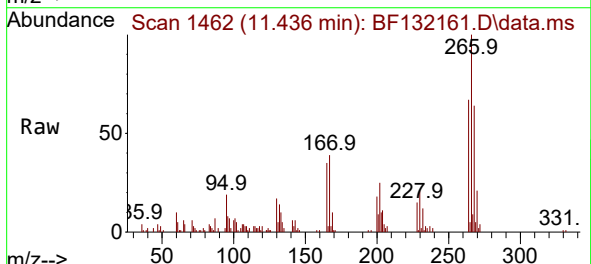
Manual Integrations
 APPROVED

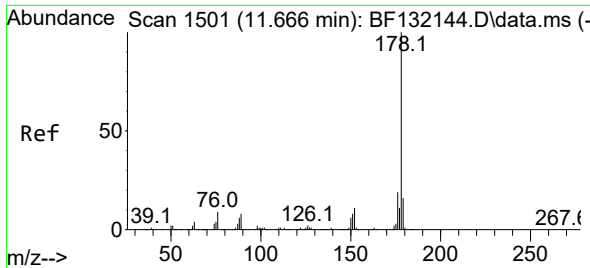
Reviewed By :Christian Giraldo 01/23/2023
 Supervised By :Jagrut Upadhyay 01/23/2023



#70
 Pentachlorophenol
 Concen: 3.823 ng
 RT: 11.436 min Scan# 1462
 Delta R.T. -0.000 min
 Lab File: BF132161.D
 Acq: 20 Jan 2023 15:02

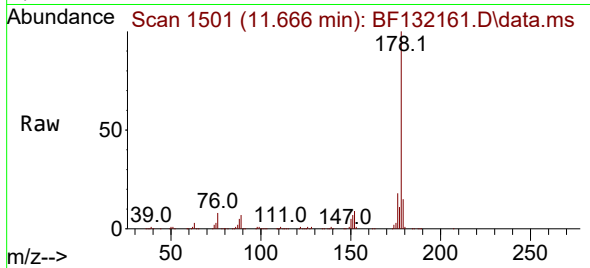
Tgt Ion:266 Resp: 21401
 Ion Ratio Lower Upper
 266 100
 268 63.5 50.8 76.2
 264 67.0 52.3 78.5





#71
Phenanthrene
Concen: 5.657 ng
RT: 11.666 min Scan# 1501
Delta R.T. -0.000 min
Lab File: BF132161.D
Acq: 20 Jan 2023 15:02

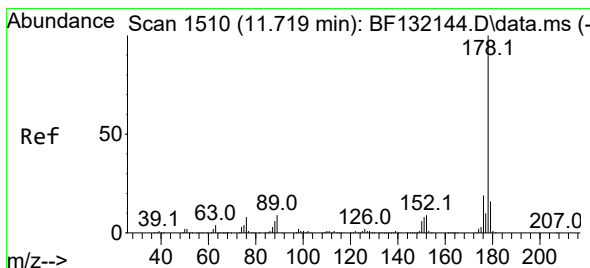
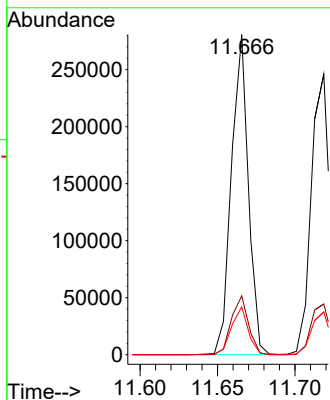
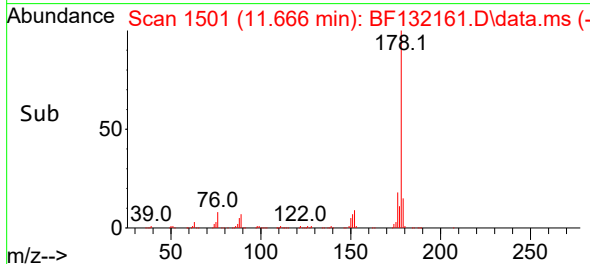
Instrument : BNA_F
ClientSampleId :
LOQ-WATER-02-QT3-2022



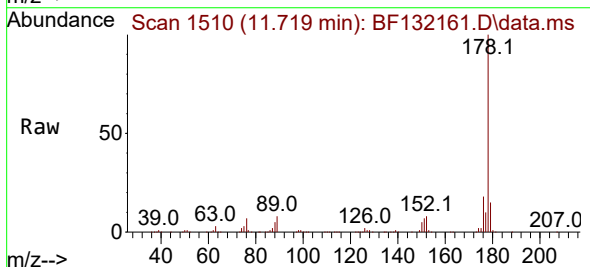
Tgt Ion:178 Resp: 213454
Ion Ratio Lower Upper
178 100
176 18.4 15.5 23.3
179 15.0 12.6 19.0

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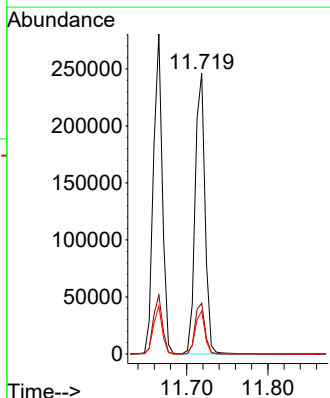
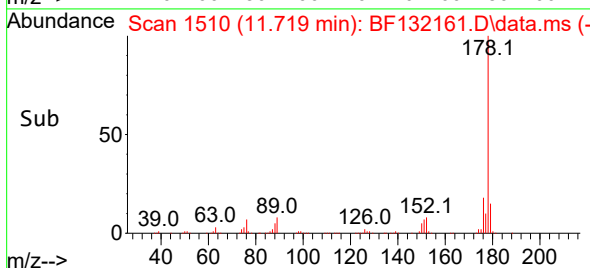
Reviewed By :Christian Giraldo 01/23/2023
Supervised By :Jagrut Upadhyay 01/23/2023

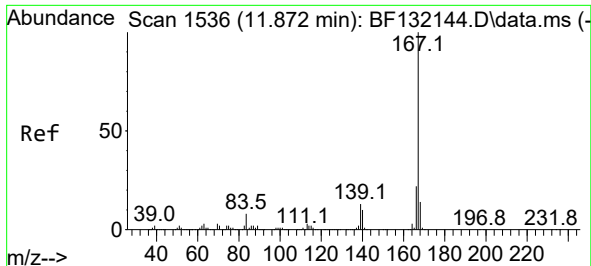


#72
Anthracene
Concen: 5.471 ng
RT: 11.719 min Scan# 1510
Delta R.T. -0.000 min
Lab File: BF132161.D
Acq: 20 Jan 2023 15:02



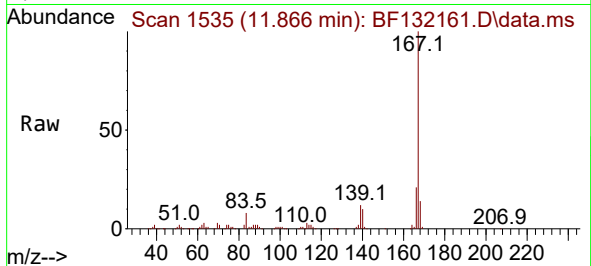
Tgt Ion:178 Resp: 208856
Ion Ratio Lower Upper
178 100
176 18.1 15.3 22.9
179 15.3 12.6 18.8





#73
 Carbazole
 Concen: 5.664 ng
 RT: 11.866 min Scan# 1535
 Delta R.T. -0.006 min
 Lab File: BF132161.D
 Acq: 20 Jan 2023 15:02

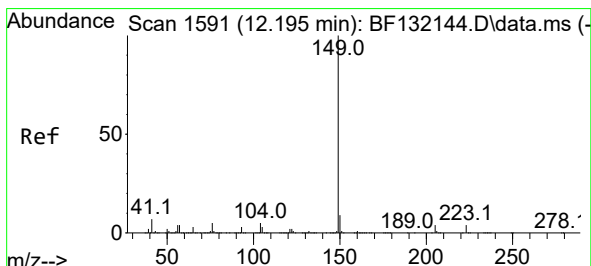
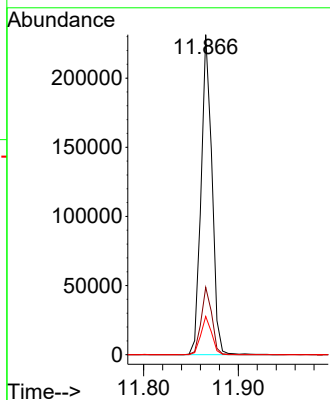
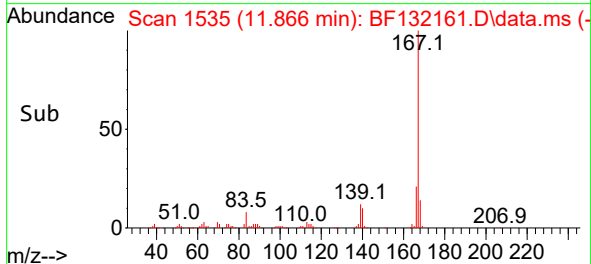
Instrument : BNA_F
 ClientSampleId :
 LOQ-WATER-02-QT3-2022



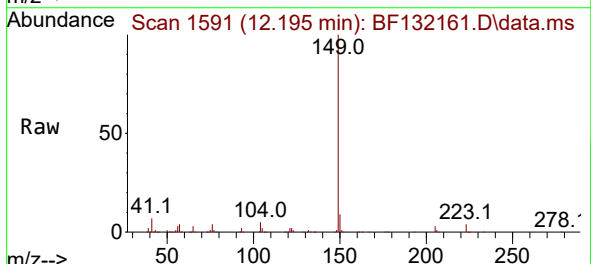
Tgt Ion:167 Resp: 18469
 Ion Ratio Lower Upper
 167 100
 166 21.0 17.7 26.5
 139 12.0 10.5 15.7

Manual Integrations
 APPROVED

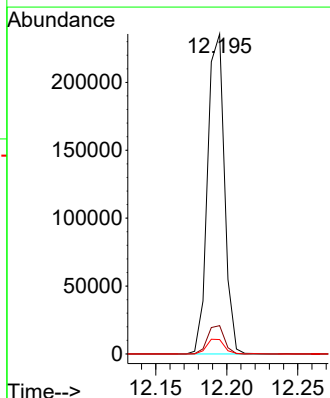
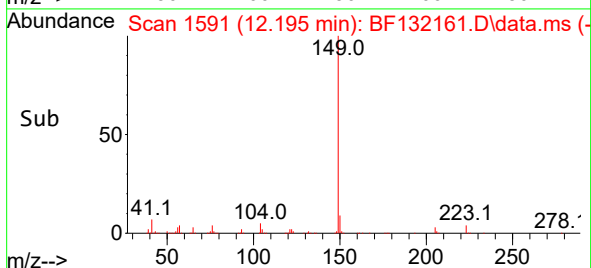
Reviewed By :Christian Giraldo 01/23/2023
 Supervised By :Jagrut Upadhyay 01/23/2023

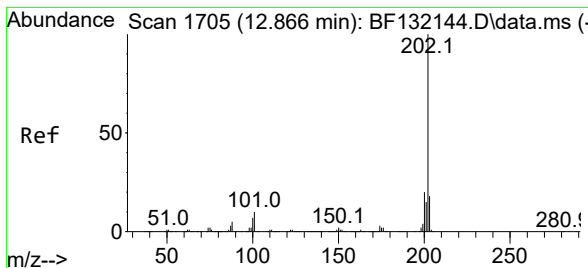


#74
 Di-n-butylphthalate
 Concen: 5.361 ng
 RT: 12.195 min Scan# 1591
 Delta R.T. -0.000 min
 Lab File: BF132161.D
 Acq: 20 Jan 2023 15:02



Tgt Ion:149 Resp: 194608
 Ion Ratio Lower Upper
 149 100
 150 8.9 7.5 11.3
 104 4.5 4.3 6.5





#75

Fluoranthene

Concen: 5.725 ng

RT: 12.866 min Scan# 1

Delta R.T. -0.000 min

Lab File: BF132161.D

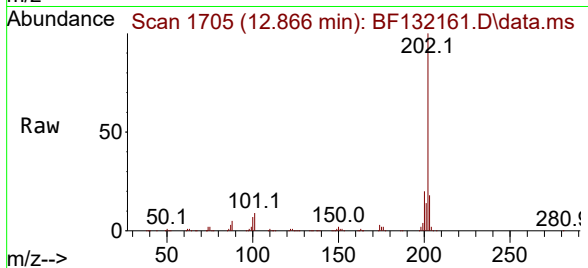
Acq: 20 Jan 2023 15:02

Instrument :

BNA_F

ClientSampleId :

LOQ-WATER-02-QT3-2022



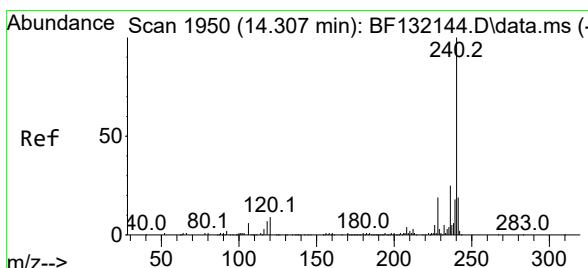
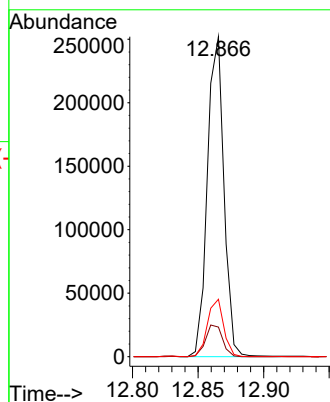
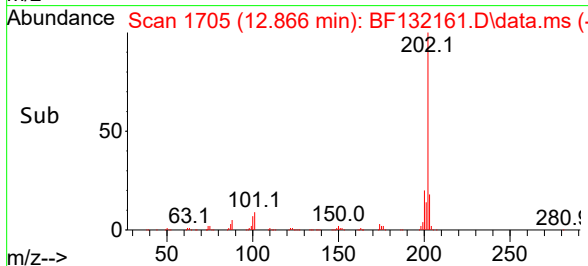
Tgt Ion:	202	Resp:	221924
Ion Ratio	Lower	Upper	
202	100		
101	9.2	0.0	29.6
203	18.0	0.0	37.9

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 01/23/2023

Supervised By :Jagrut Upadhyay 01/23/2023



#76

Chrysene-d12

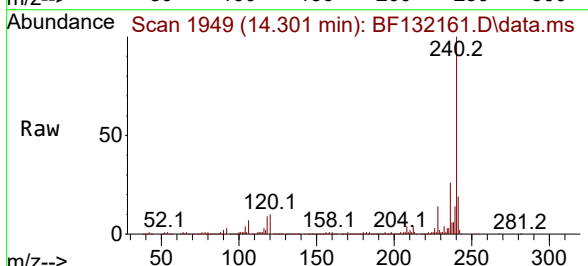
Concen: 20.000 ng

RT: 14.301 min Scan# 1949

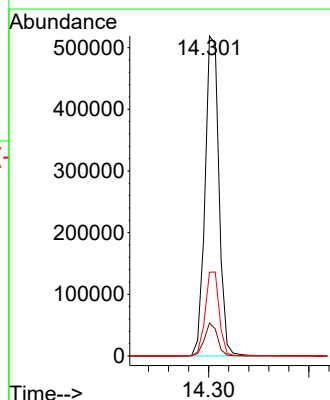
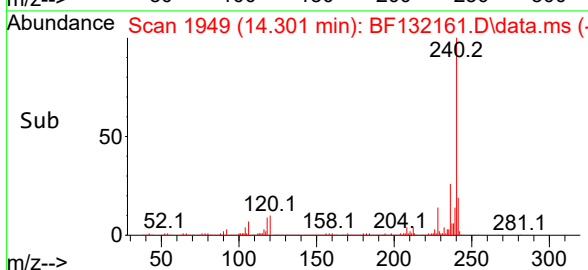
Delta R.T. -0.006 min

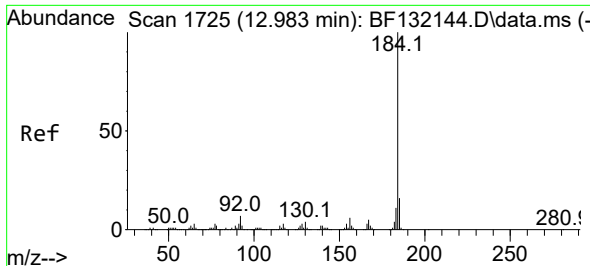
Lab File: BF132161.D

Acq: 20 Jan 2023 15:02



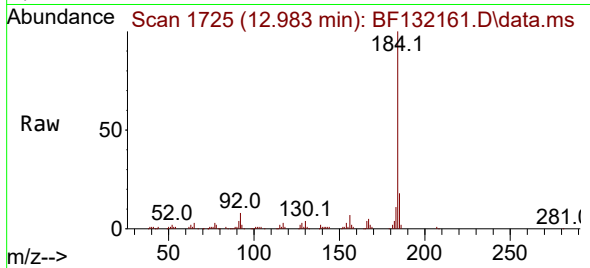
Tgt Ion:	240	Resp:	502875
Ion Ratio	Lower	Upper	
240	100		
120	10.3	6.9	10.3
236	26.1	20.3	30.5





#77
Benzidine
Concen: 4.509 ng
RT: 12.983 min Scan# 1725
Delta R.T. 0.000 min
Lab File: BF132161.D
Acq: 20 Jan 2023 15:02

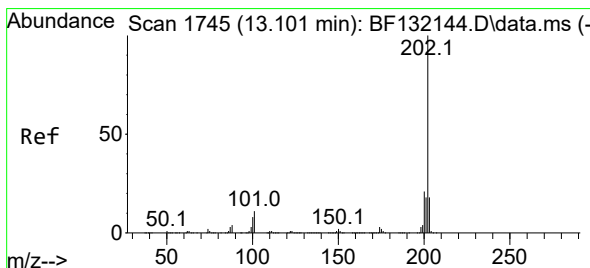
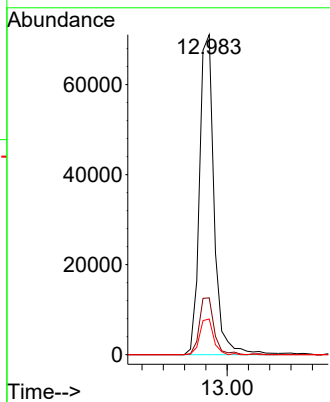
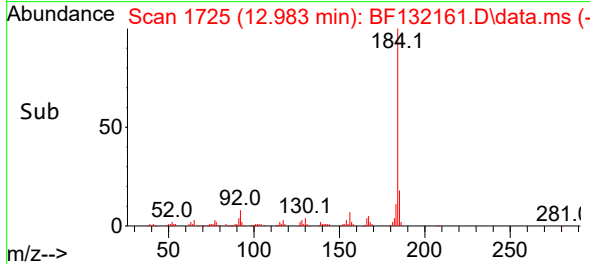
Instrument :
BNA_F
ClientSampleId :
LOQ-WATER-02-QT3-2022



Tgt Ion:184 Resp: 68074
Ion Ratio Lower Upper
184 100
185 17.8 12.5 18.7
183 11.2 9.0 13.4

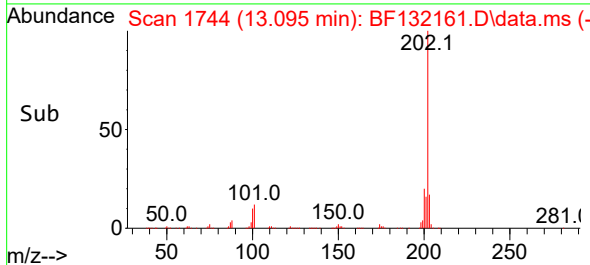
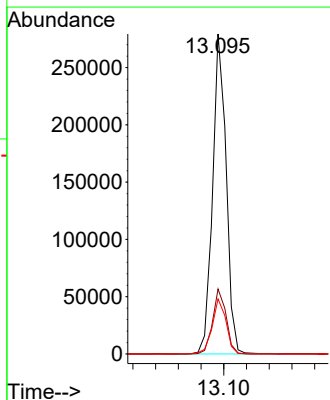
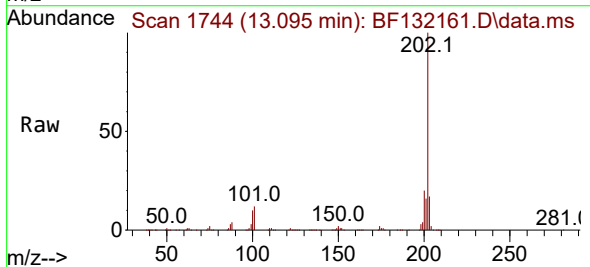
Manual Integrations
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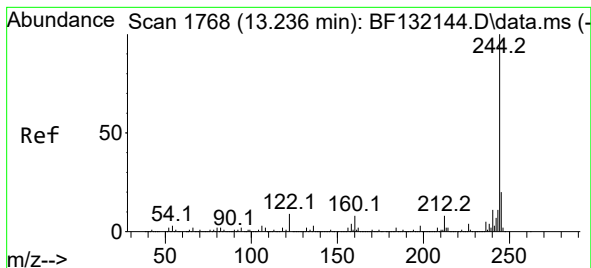
Reviewed By :Christian Giraldo 01/23/2023
Supervised By :Jagrut Upadhyay 01/23/2023



#78
Pyrene
Concen: 4.989 ng
RT: 13.095 min Scan# 1744
Delta R.T. -0.006 min
Lab File: BF132161.D
Acq: 20 Jan 2023 15:02

Tgt Ion:202 Resp: 231223
Ion Ratio Lower Upper
202 100
200 20.3 16.7 25.1
203 17.2 14.0 21.0





#79

Terphenyl-d14

Concen: 58.715 ng

RT: 13.236 min Scan# 1768

Delta R.T. 0.000 min

Lab File: BF132161.D

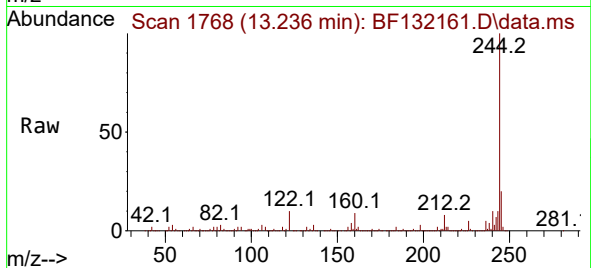
Acq: 20 Jan 2023 15:02

Instrument :

BNA_F

ClientSampleId :

LOQ-WATER-02-QT3-2022



Tgt Ion:244 Resp: 176266

Ion Ratio Lower Upper

244 100

212 8.3 6.7 10.1

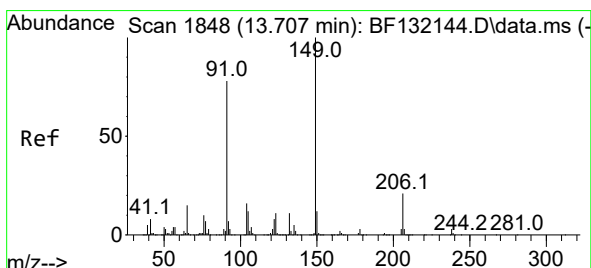
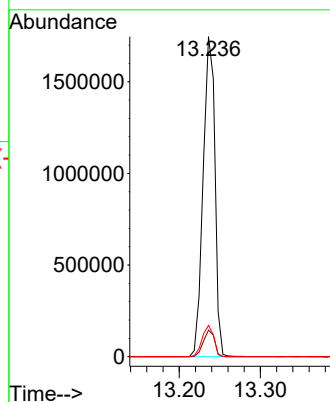
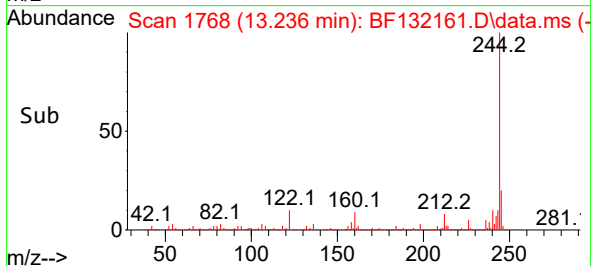
122 9.8 7.4 11.2

Manual Integrations

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Reviewed By :Christian Giraldo 01/23/2023

Supervised By :Jagrut Upadhyay 01/23/2023



#80

Butylbenzylphthalate

Concen: 4.608 ng

RT: 13.707 min Scan# 1848

Delta R.T. -0.000 min

Lab File: BF132161.D

Acq: 20 Jan 2023 15:02

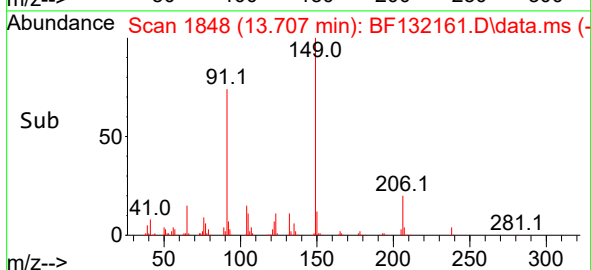
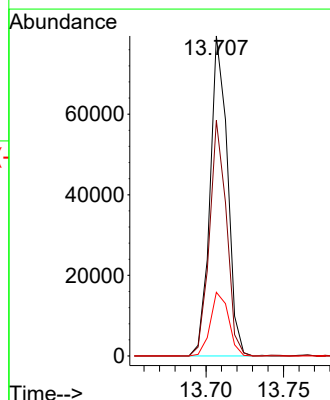
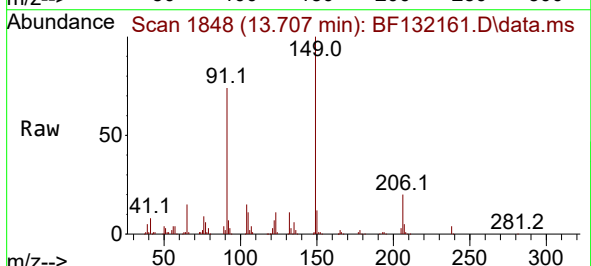
Tgt Ion:149 Resp: 61891

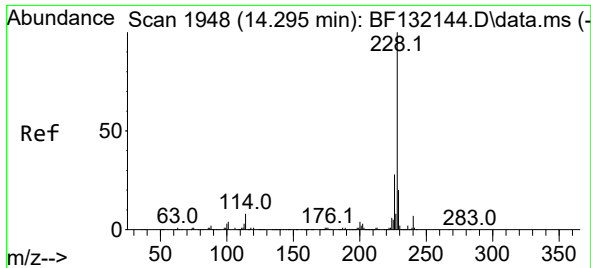
Ion Ratio Lower Upper

149 100

91 73.6 62.6 94.0

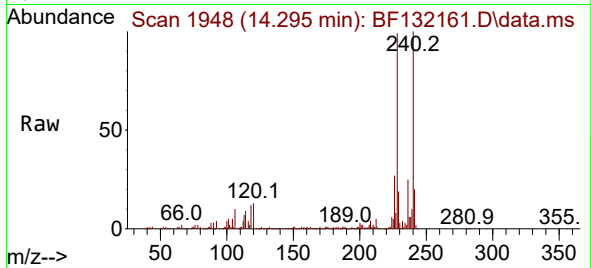
206 19.9 16.4 24.6





#81
Benzo(a)anthracene
Concen: 5.068 ng
RT: 14.295 min Scan# 1948
Delta R.T. -0.000 min
Lab File: BF132161.D
Acq: 20 Jan 2023 15:02

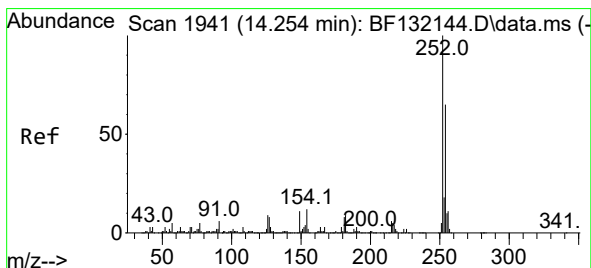
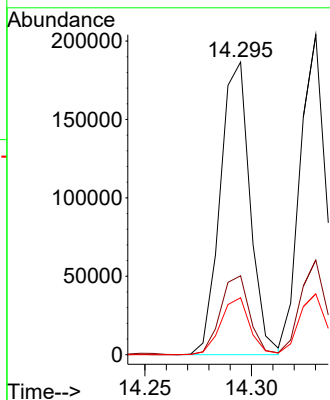
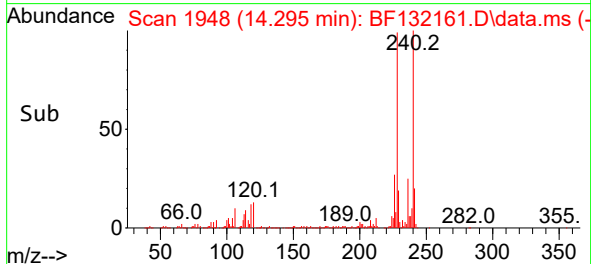
Instrument : BNA_F
ClientSampleId :
LOQ-WATER-02-QT3-2022



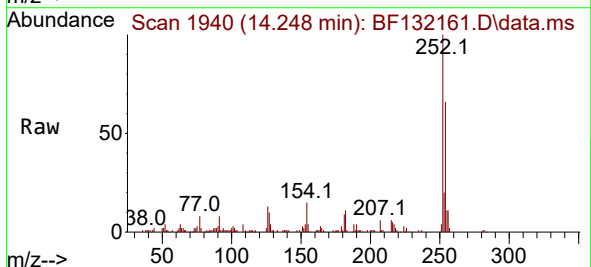
Tgt Ion:228 Resp: 18206
Ion Ratio Lower Upper
228 100
226 27.0 22.5 33.7
229 19.5 16.1 24.1

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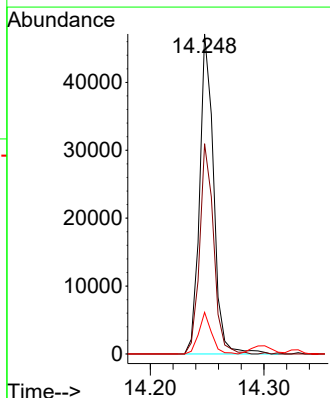
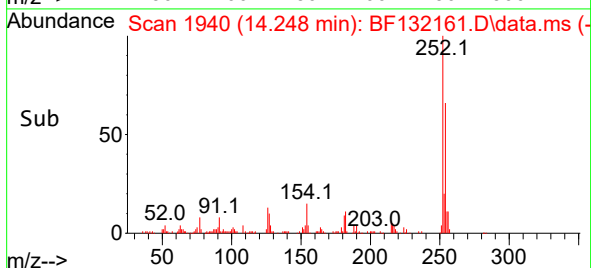
Reviewed By :Christian Giraldo 01/23/2023
Supervised By :Jagrut Upadhyay 01/23/2023

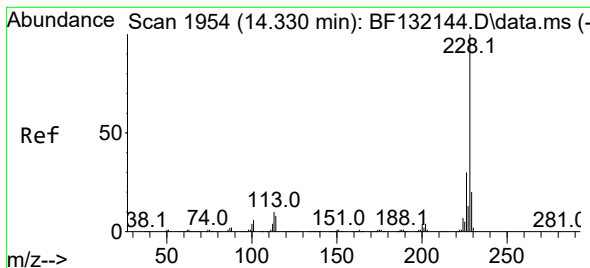


#82
3,3'-Dichlorobenzidine
Concen: 4.031 ng
RT: 14.248 min Scan# 1940
Delta R.T. -0.006 min
Lab File: BF132161.D
Acq: 20 Jan 2023 15:02



Tgt Ion:252 Resp: 40334
Ion Ratio Lower Upper
252 100
254 65.7 52.4 78.6
126 13.0 7.0 10.6#





#83

Chrysene

Concen: 5.108 ng

RT: 14.330 min Scan# 1954

Delta R.T. 0.000 min

Lab File: BF132161.D

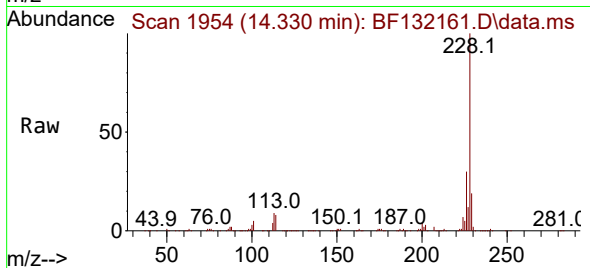
Acq: 20 Jan 2023 15:02

Instrument :

BNA_F

ClientSampleId :

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Tgt Ion:228 Resp: 17468

Ion Ratio Lower Upper

228 100

226 29.6 24.3 36.5

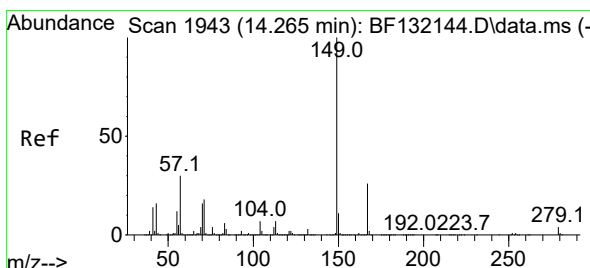
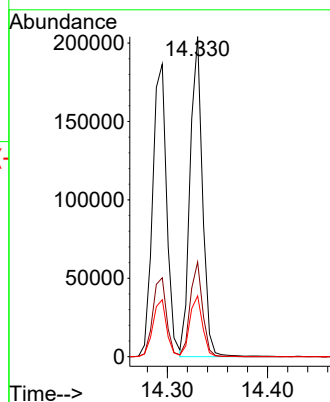
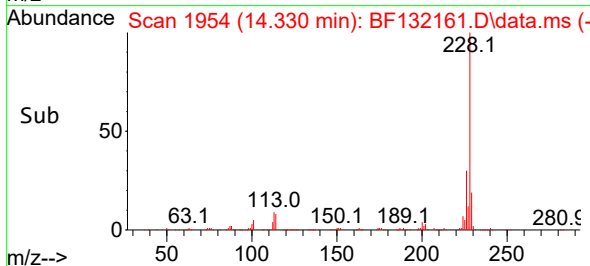
229 19.0 15.8 23.6

Manual Integrations

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Reviewed By :Christian Giraldo 01/23/2023

Supervised By :Jagrut Upadhyay 01/23/2023



#84

Bis(2-ethylhexyl)phthalate

Concen: 4.521 ng

RT: 14.265 min Scan# 1943

Delta R.T. 0.000 min

Lab File: BF132161.D

Acq: 20 Jan 2023 15:02

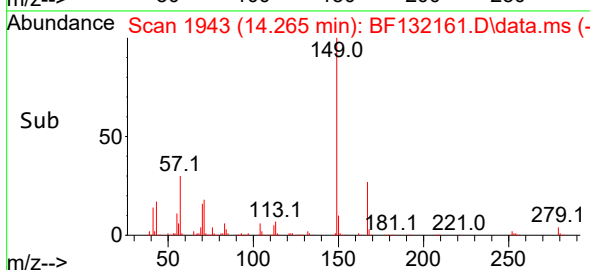
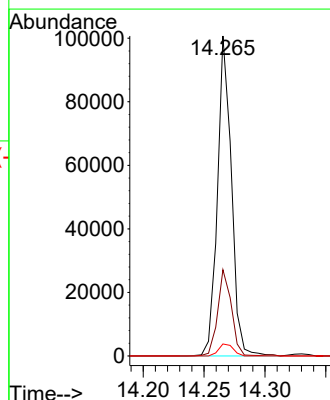
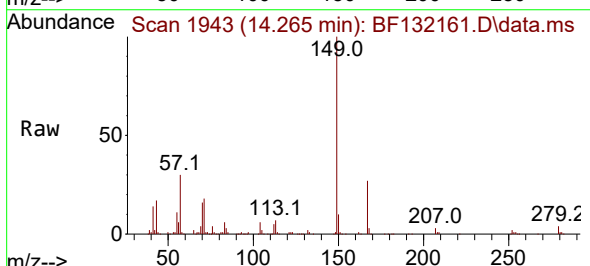
Tgt Ion:149 Resp: 80175

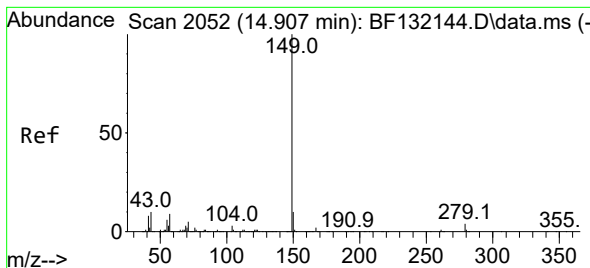
Ion Ratio Lower Upper

149 100

167 27.0 21.0 31.6

279 3.7 3.2 4.8





#85

Di-n-octyl phthalate

Concen: 8.493 ng

RT: 14.907 min Scan# 2052

Delta R.T. -0.000 min

Lab File: BF132161.D

Acq: 20 Jan 2023 15:02

Instrument :

BNA_F

ClientSampleId :

LOQ-WATER-02-QT3-2022

Tgt Ion:149 Resp: 8592

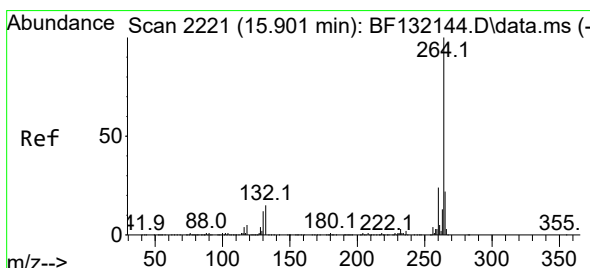
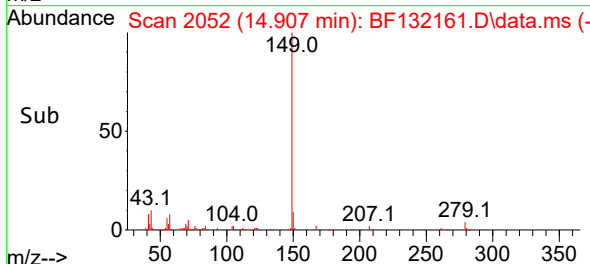
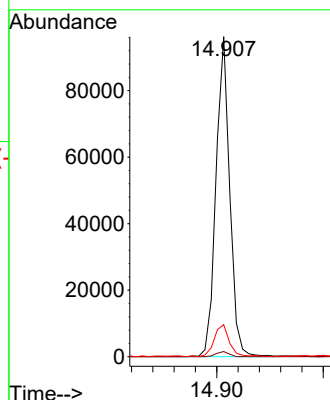
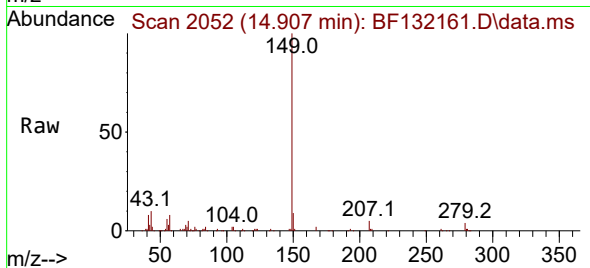
Ion	Ratio	Lower	Upper
149	100		
167	1.5	1.3	1.9
43	11.3	8.4	12.6

Manual Integrations

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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

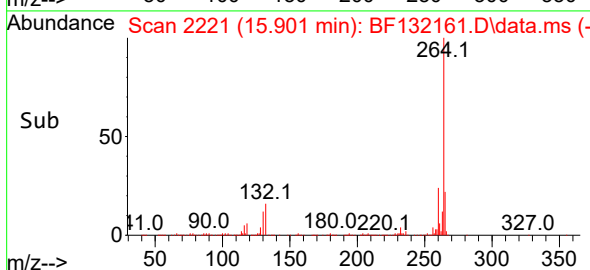
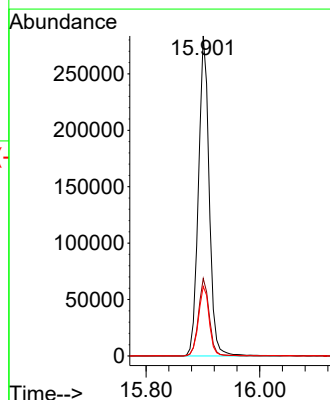
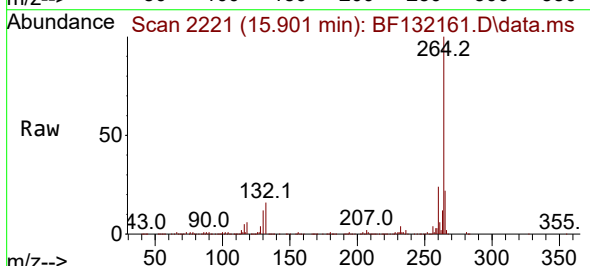
Delta R.T. -0.000 min

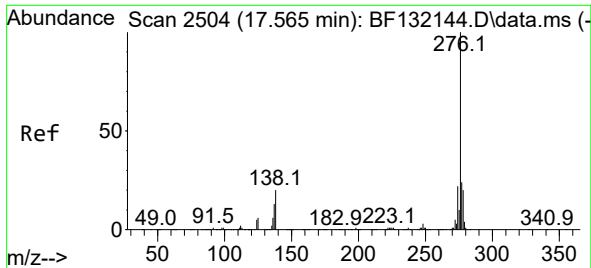
Lab File: BF132161.D

Acq: 20 Jan 2023 15:02

Tgt Ion:264 Resp: 374507

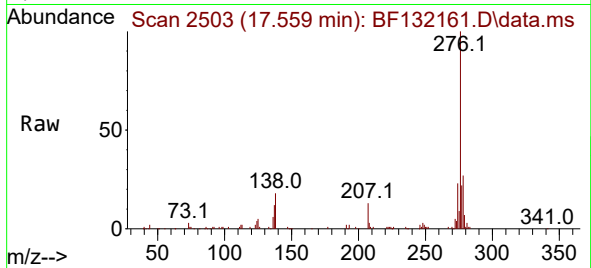
Ion	Ratio	Lower	Upper
264	100		
260	24.2	19.1	28.7
265	21.7	17.4	26.0





#87
Indeno(1,2,3-cd)pyrene
Concen: 4.032 ng
RT: 17.559 min Scan# 21
Delta R.T. -0.006 min
Lab File: BF132161.D
Acq: 20 Jan 2023 15:02

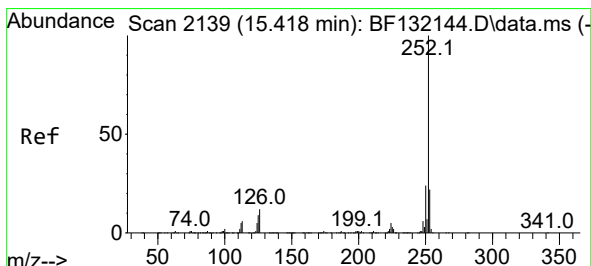
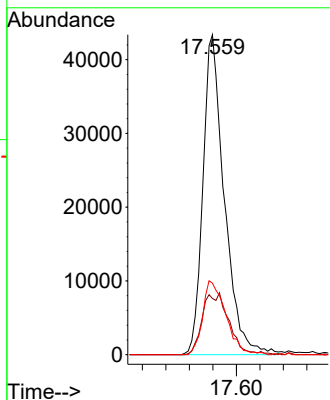
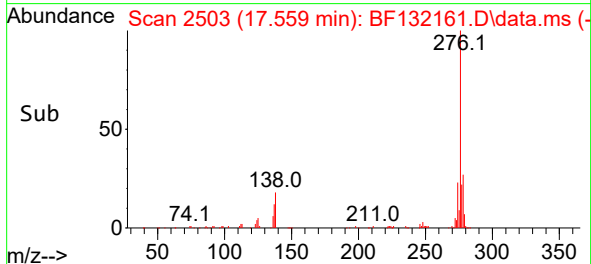
Instrument :
BNA_F
ClientSampleId :
LOQ-WATER-02-QT3-2022



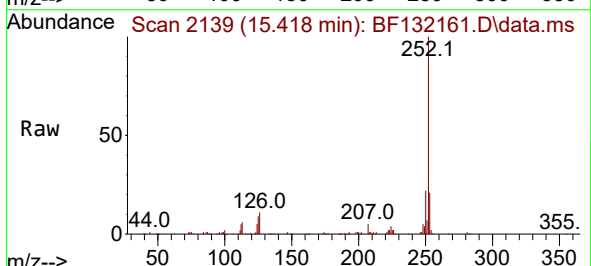
Tgt Ion:276 Resp: 109568
Ion Ratio Lower Upper
276 100
138 23.6 17.9 26.9
277 24.9 20.2 30.2

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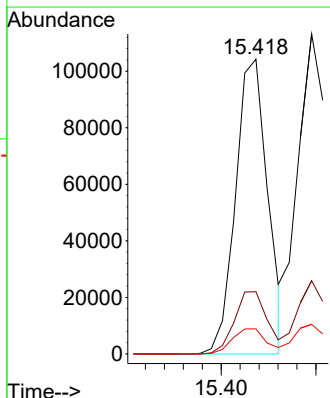
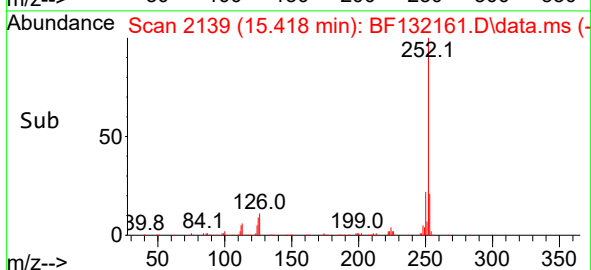
Reviewed By :Christian Giraldo 01/23/2023
Supervised By :Jagrut Upadhyay 01/23/2023

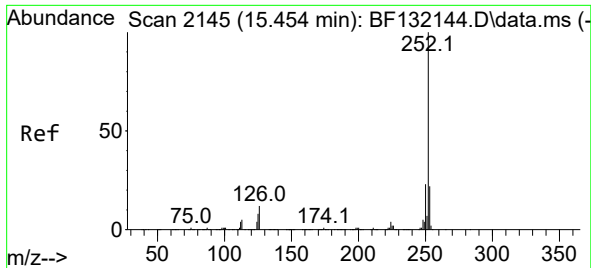


#88
Benzo(b)fluoranthene
Concen: 5.381 ng
RT: 15.418 min Scan# 2139
Delta R.T. 0.000 min
Lab File: BF132161.D
Acq: 20 Jan 2023 15:02



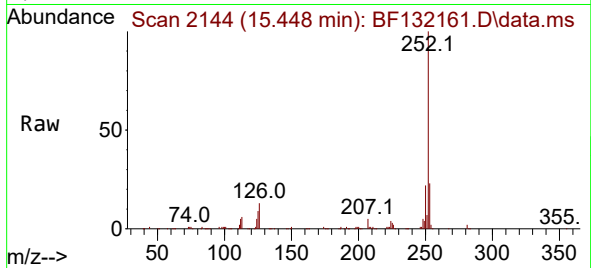
Tgt Ion:252 Resp: 122688
Ion Ratio Lower Upper
252 100
253 21.1 17.8 26.6
125 8.5 7.2 10.8





#89
Benzo(k)fluoranthene
Concen: 5.712 ng
RT: 15.448 min Scan# 2144
Delta R.T. -0.006 min
Lab File: BF132161.D
Acq: 20 Jan 2023 15:02

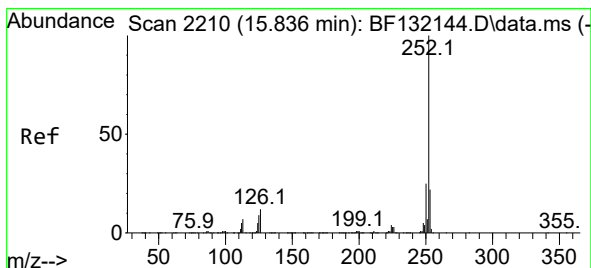
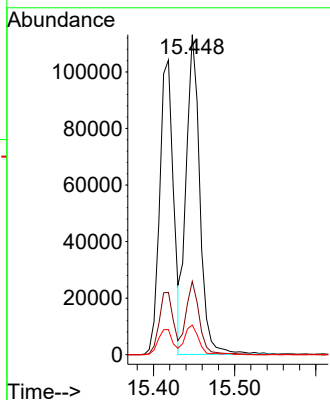
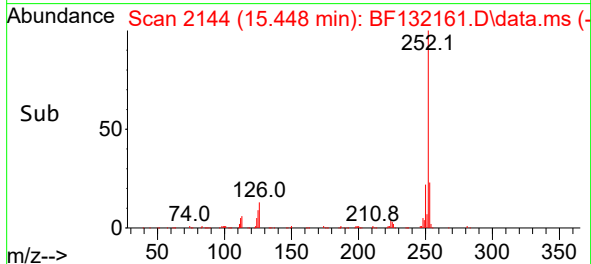
Instrument :
BNA_F
ClientSampleId :
LOQ-WATER-02-QT3-2022



Tgt Ion:252 Resp: 132844
Ion Ratio Lower Upper
252 100
253 22.9 17.4 26.0
125 9.2 6.4 9.6

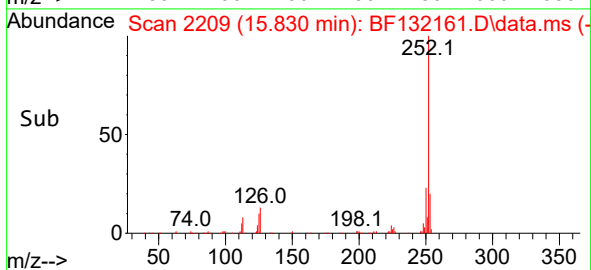
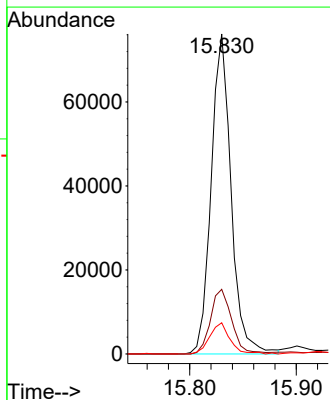
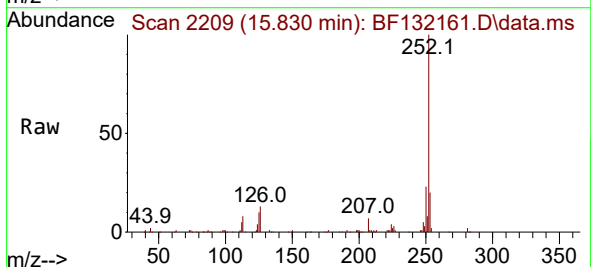
Manual Integrations
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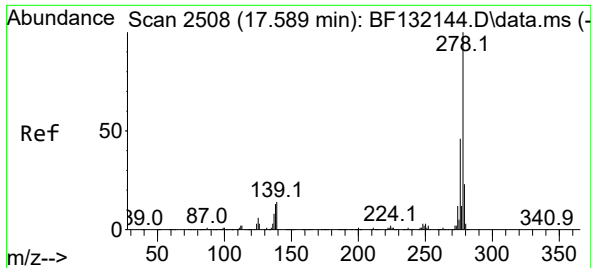
Reviewed By :Christian Giraldo 01/23/2023
Supervised By :Jagrut Upadhyay 01/23/2023



#90
Benzo(a)pyrene
Concen: 4.498 ng
RT: 15.830 min Scan# 2209
Delta R.T. -0.006 min
Lab File: BF132161.D
Acq: 20 Jan 2023 15:02

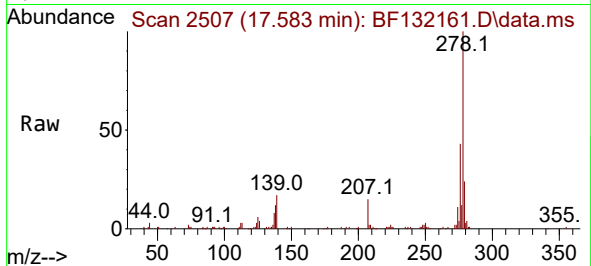
Tgt Ion:252 Resp: 98668
Ion Ratio Lower Upper
252 100
253 20.2 17.5 26.3
125 9.7 7.3 10.9





#91
Dibenzo(a,h)anthracene
Concen: 4.294 ng
RT: 17.583 min Scan# 21
Delta R.T. -0.006 min
Lab File: BF132161.D
Acq: 20 Jan 2023 15:02

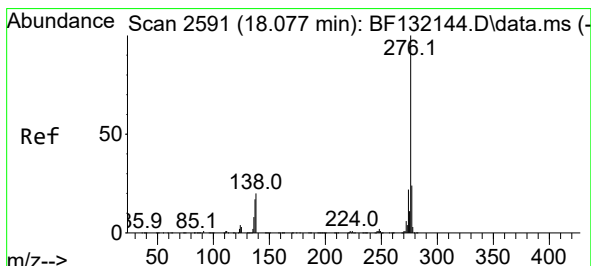
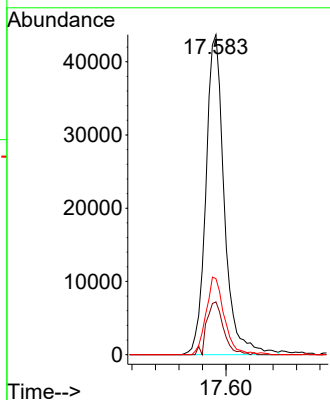
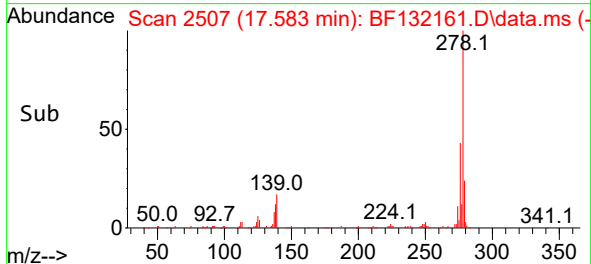
Instrument :
BNA_F
ClientSampleId :
LOQ-WATER-02-QT3-2022



Tgt Ion:278 Resp: 95169
Ion Ratio Lower Upper
278 100
139 16.5 11.4 17.2
279 23.8 18.6 28.0

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



#92
Benzo(g,h,i)perylene
Concen: 4.286 ng
RT: 18.065 min Scan# 2589
Delta R.T. -0.012 min
Lab File: BF132161.D
Acq: 20 Jan 2023 15:02

Tgt Ion:276 Resp: 99970
Ion Ratio Lower Upper
276 100
277 23.6 18.9 28.3
138 18.0 15.7 23.5

