

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF012023\
 Data File : BF132160.D
 Acq On : 20 Jan 2023 14:09
 Operator : CG\JU
 Sample : N3980-08
 Misc : LOQ-WATER-10ppm
 ALS Vial : 7 Sample Multiplier: 1

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

Quant Time: Jan 21 02:33:09 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	7.090	152	188406	20.000	ng	0.00
21) Naphthalene-d8	8.378	136	668375	20.000	ng	0.00
39) Acenaphthene-d10	10.142	164	359673	20.000	ng	0.00
64) Phenanthrene-d10	11.642	188	713087	20.000	ng	0.00
76) Chrysene-d12	14.301	240	485482	20.000	ng	0.00
86) Perylene-d12	15.901	264	362057	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.707	112	973302	90.244	ng	0.00
7) Phenol-d6	6.701	99	1244079	91.634	ng	0.00
23) Nitrobenzene-d5	7.654	82	815360	64.806	ng	0.00
42) 2,4,6-Tribromophenol	10.936	330	379364	98.745	ng	0.00
45) 2-Fluorobiphenyl	9.454	172	1430587	58.120	ng	0.00
79) Terphenyl-d14	13.236	244	1645647	56.781	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	3.025	88	47187	8.636	ng	99
3) Pyridine	3.802	79	126690	8.637	ng	97
4) n-Nitrosodimethylamine	3.725	42	62467	9.055	ng	92
6) Aniline	6.754	93	183656	9.766	ng	97
8) 2-Chlorophenol	6.872	128	118103	10.418	ng	96
9) Benzaldehyde	6.643	77	95618	10.947	ng	98
10) Phenol	6.713	94	143811	10.175	ng	94
11) bis(2-Chloroethyl)ether	6.819	93	122440	10.233	ng	95
12) 1,3-Dichlorobenzene	7.031	146	135617	10.702	ng	96
13) 1,4-Dichlorobenzene	7.107	146	138973	10.990	ng	98
14) 1,2-Dichlorobenzene	7.260	146	128110	10.957	ng	98
15) Benzyl Alcohol	7.219	79	95706	9.216	ng	97
16) 2,2'-oxybis(1-Chloropr...	7.354	45	179302	10.311	ng	98
17) 2-Methylphenol	7.319	107	94823	9.547	ng	96
18) Hexachloroethane	7.607	117	48998	10.794	ng	97
19) n-Nitroso-di-n-propyla...	7.490	70	86668	10.422	ng	98
20) 3+4-Methylphenols	7.472	107	123535	9.871	ng	95
22) Acetophenone	7.490	105	156257	9.727	ng	97
24) Nitrobenzene	7.666	77	134149	10.070	ng	97
25) Isophorone	7.901	82	233508	9.485	ng	97
26) 2-Nitrophenol	7.984	139	49645	11.715	ng	96
27) 2,4-Dimethylphenol	8.007	122	81860	7.685	ng	97
28) bis(2-Chloroethoxy)met...	8.113	93	148816	10.075	ng	99
29) 2,4-Dichlorophenol	8.219	162	101304	10.017	ng	98
30) 1,2,4-Trichlorobenzene	8.313	180	118496	10.316	ng	98
31) Naphthalene	8.401	128	354292	10.321	ng	98
32) Benzoic acid	8.072	122	71898m	11.526	ng	
33) 4-Chloroaniline	8.437	127	146299	9.959	ng	98
34) Hexachlorobutadiene	8.513	225	78029	10.112	ng	99
35) Caprolactam	8.778	113	36278	12.650	ng	97
36) 4-Chloro-3-methylphenol	8.901	107	100598	9.885	ng	95
37) 2-Methylnaphthalene	9.089	142	237588	10.053	ng	99
38) 1-Methylnaphthalene	9.189	142	225711	10.264	ng	99
40) 1,2,4,5-Tetrachloroben...	9.254	216	114290	9.133	ng	99
41) Hexachlorocyclopentadiene	9.242	237	72942	10.681	ng	97
43) 2,4,6-Trichlorophenol	9.360	196	73646	9.483	ng	98

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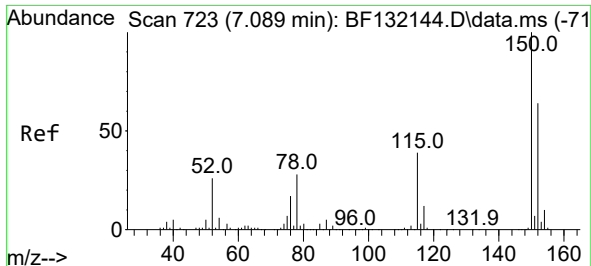
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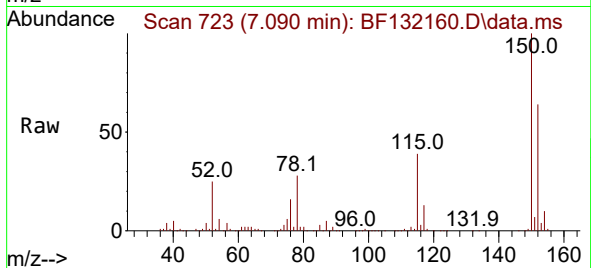
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.395	196	85140	9.373	ng	98
46) 1,1'-Biphenyl	9.554	154	267874	9.440	ng	100
47) 2-Chloronaphthalene	9.584	162	229339	10.455	ng	99
48) 2-Nitroaniline	9.672	65	64343	10.188	ng	97
49) Acenaphthylene	10.001	152	355623	10.134	ng	98
50) Dimethylphthalate	9.842	163	266861	10.244	ng	99
51) 2,6-Dinitrotoluene	9.913	165	52503	10.399	ng	91
52) Acenaphthene	10.178	154	215428	10.206	ng	99
53) 3-Nitroaniline	10.084	138	54374	10.072	ng	95
54) 2,4-Dinitrophenol	10.184	184	17039	8.753	ng	# 24
55) Dibenzofuran	10.348	168	337110	10.335	ng	97
56) 4-Nitrophenol	10.219	139	38102	9.698	ng	96
57) 2,4-Dinitrotoluene	10.313	165	64811	10.694	ng	88
58) Fluorene	10.689	166	261184	10.806	ng	99
59) 2,3,4,6-Tetrachlorophenol	10.460	232	69788	10.100	ng	97
60) Diethylphthalate	10.554	149	259700	10.166	ng	98
61) 4-Chlorophenyl-phenyle...	10.683	204	136406	10.540	ng	90
62) 4-Nitroaniline	10.695	138	51385	10.224	ng	88
63) Azobenzene	10.842	77	255214	9.955	ng	97
65) 4,6-Dinitro-2-methylph...	10.719	198	32129	10.392	ng	85
66) n-Nitrosodiphenylamine	10.795	169	222683	9.751	ng	100
67) 4-Bromophenyl-phenylether	11.178	248	82623	9.506	ng	92
68) Hexachlorobenzene	11.242	284	89932	10.411	ng	99
69) Atrazine	11.319	200	66245	9.402	ng	98
70) Pentachlorophenol	11.430	266	64770	11.668	ng	97
71) Phenanthrene	11.666	178	388898	10.392	ng	99
72) Anthracene	11.713	178	388242	10.255	ng	100
73) Carbazole	11.866	167	343982	10.637	ng	98
74) Di-n-butylphthalate	12.189	149	378355	10.510	ng	99
75) Fluoranthene	12.866	202	416706	10.841	ng	98
77) Benzidine	12.977	184	135104	9.269	ng	96
78) Pyrene	13.095	202	418609	9.356	ng	99
80) Butylbenzylphthalate	13.707	149	119543	9.220	ng	94
81) Benzo(a)anthracene	14.289	228	329578	9.503	ng	98
82) 3,3'-Dichlorobenzidine	14.248	252	80059	8.289	ng	# 99
83) Chrysene	14.330	228	307269	9.307	ng	99
84) Bis(2-ethylhexyl)phtha...	14.266	149	149801	8.750	ng	99
85) Di-n-octyl phthalate	14.907	149	162657	11.416	ng	100
87) Indeno(1,2,3-cd)pyrene	17.560	276	217027	8.260	ng	98
88) Benzo(b)fluoranthene	15.413	252	224986	10.206	ng	99
89) Benzo(k)fluoranthene	15.448	252	236871	10.536	ng	99
90) Benzo(a)pyrene	15.830	252	184408	8.696	ng	98
91) Dibenzo(a,h)anthracene	17.577	278	190043	8.869	ng	99
92) Benzo(g,h,i)perylene	18.059	276	197118	8.742	ng	96

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



#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 7.090 min Scan# 71
 Delta R.T. 0.001 min
 Lab File: BF132160.D
 Acq: 20 Jan 2023 14:09

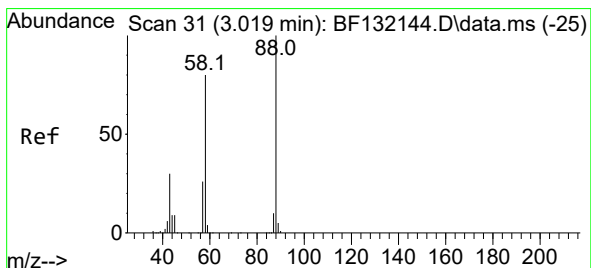
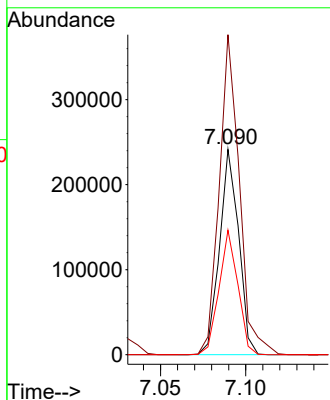
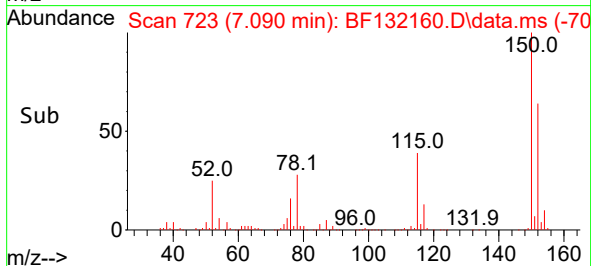
Instrument :
 BNA_F
 ClientSampleId :
 LOQ-WATER-02-QT3-2022



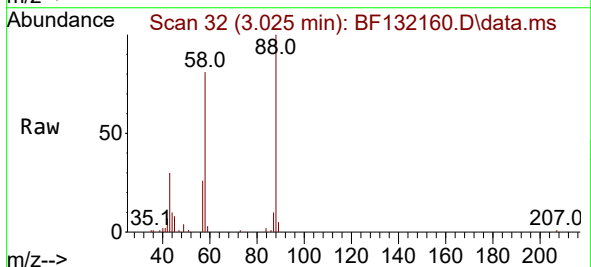
Tgt Ion:152 Resp: 188400
 Ion Ratio Lower Upper
 152 100
 150 155.9 125.8 188.8
 115 60.6 49.2 73.8

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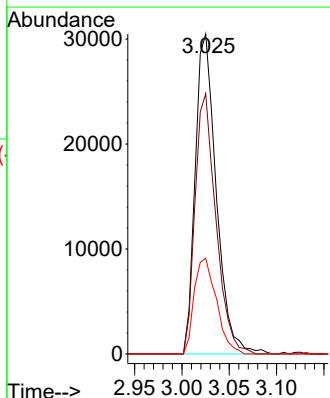
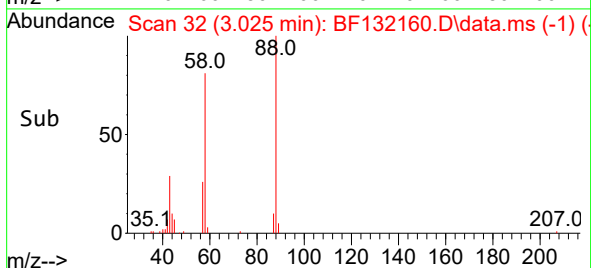
Reviewed By :Christian Giraldo 01/23/2023
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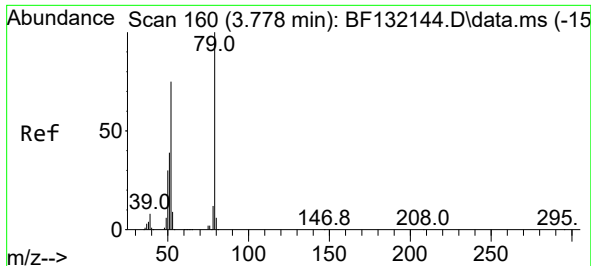


#2
 1,4-Dioxane
 Concen: 8.636 ng
 RT: 3.025 min Scan# 32
 Delta R.T. 0.006 min
 Lab File: BF132160.D
 Acq: 20 Jan 2023 14:09



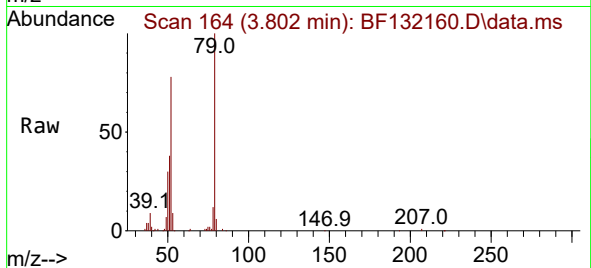
Tgt Ion: 88 Resp: 47187
 Ion Ratio Lower Upper
 88 100
 58 80.6 64.0 96.0
 43 31.6 24.2 36.4





#3
Pyridine
Concen: 8.637 ng
RT: 3.802 min Scan# 11
Delta R.T. 0.024 min
Lab File: BF132160.D
Acq: 20 Jan 2023 14:09

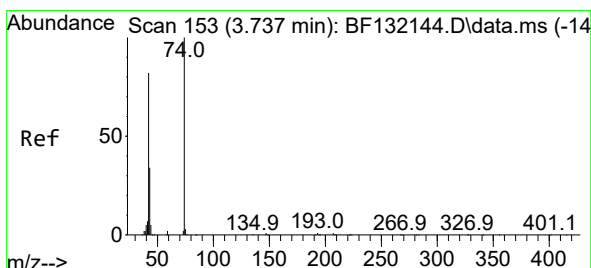
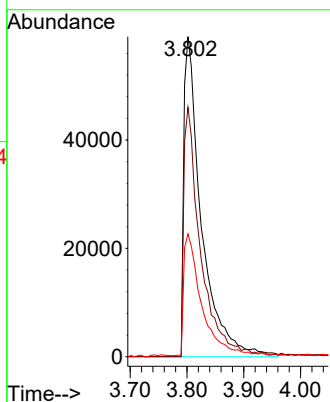
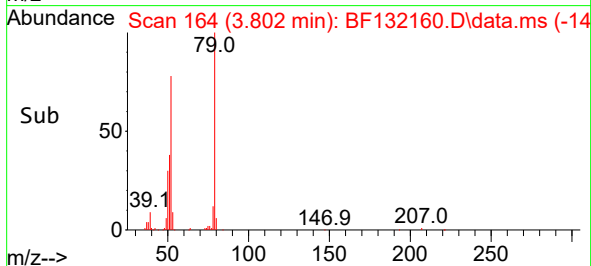
Instrument :
BNA_F
ClientSampleId :
LOQ-WATER-02-QT3-2022



Tgt Ion: 79 Resp: 126690
Ion Ratio Lower Upper
79 100
52 77.9 60.1 90.1
51 38.3 31.4 47.0

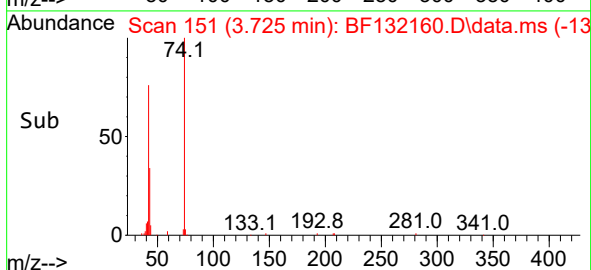
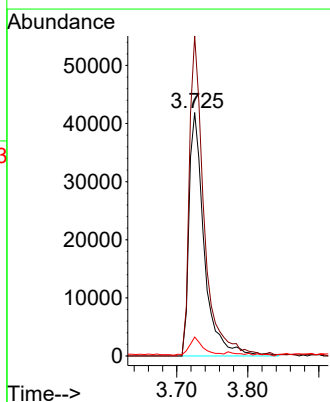
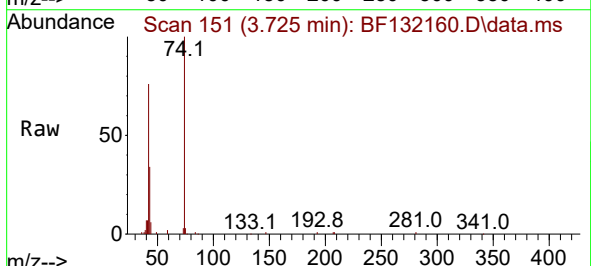
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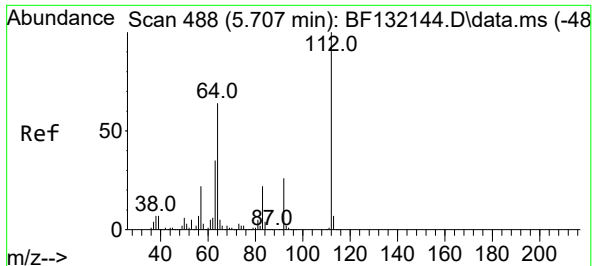
Reviewed By :Christian Giraldo 01/23/2023
Supervised By :Jagrut Upadhyay 01/23/2023



#4
n-Nitrosodimethylamine
Concen: 9.055 ng
RT: 3.725 min Scan# 151
Delta R.T. -0.012 min
Lab File: BF132160.D
Acq: 20 Jan 2023 14:09

Tgt Ion: 42 Resp: 62467
Ion Ratio Lower Upper
42 100
74 131.4 98.1 147.1
44 7.7 5.2 7.8





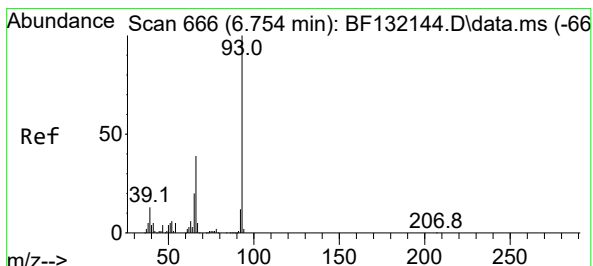
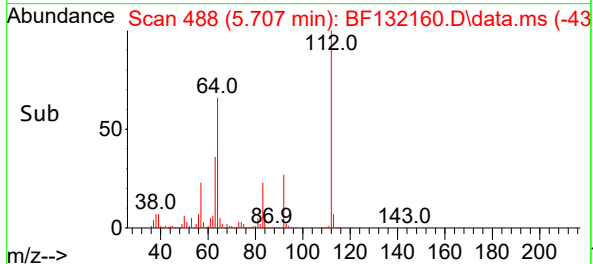
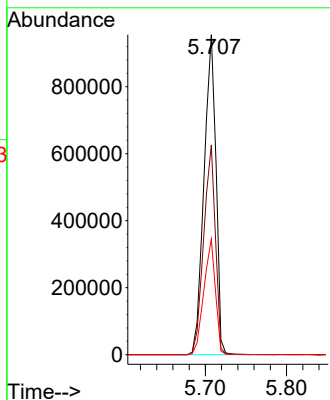
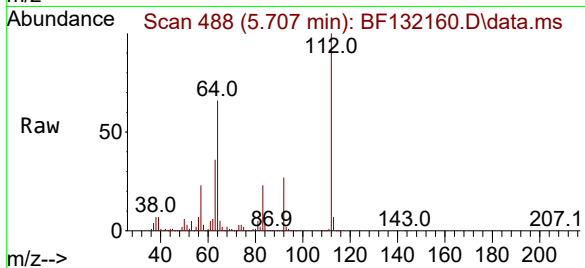
#5
2-Fluorophenol
Concen: 90.244 ng
RT: 5.707 min Scan# 488
Delta R.T. 0.000 min
Lab File: BF132160.D
Acq: 20 Jan 2023 14:09

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

Tgt Ion: 112 Resp: 973302
Ion Ratio Lower Upper
112 100
64 65.6 51.4 77.0
63 36.1 28.2 42.2

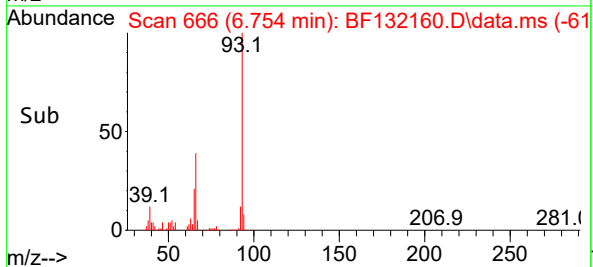
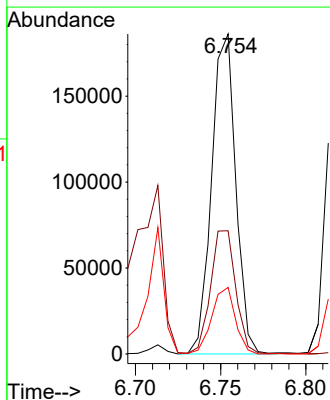
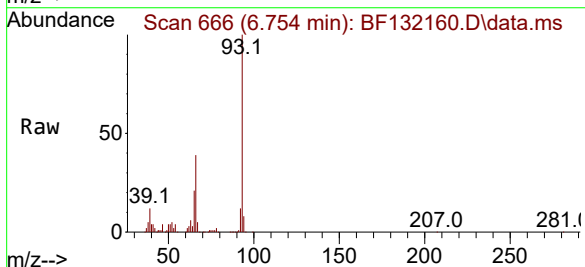
Manual Integrations
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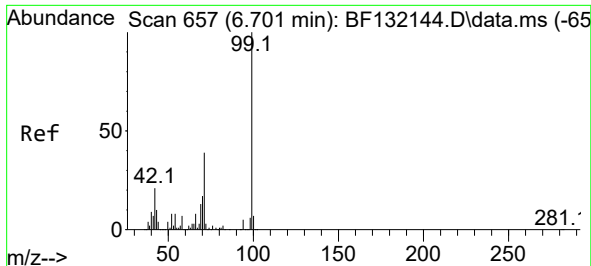
Reviewed By :Christian Giraldo 01/23/2023
Supervised By :Jagrut Upadhyay 01/23/2023



#6
Aniline
Concen: 9.766 ng
RT: 6.754 min Scan# 666
Delta R.T. 0.000 min
Lab File: BF132160.D
Acq: 20 Jan 2023 14:09

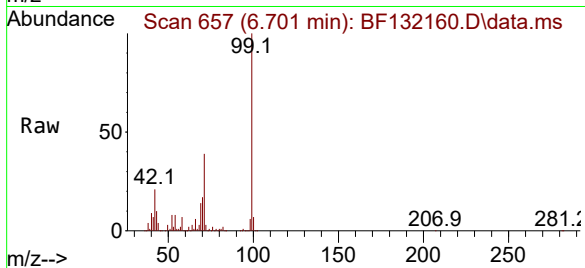
Tgt Ion: 93 Resp: 183656
Ion Ratio Lower Upper
93 100
66 38.5 33.0 49.6
65 20.8 16.8 25.2





#7
Phenol-d6
Concen: 91.634 ng
RT: 6.701 min Scan# 657
Delta R.T. 0.000 min
Lab File: BF132160.D
Acq: 20 Jan 2023 14:09

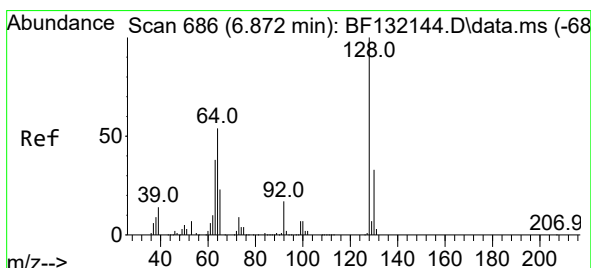
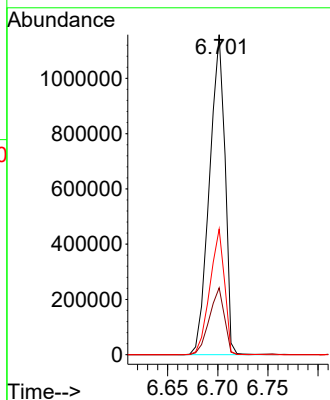
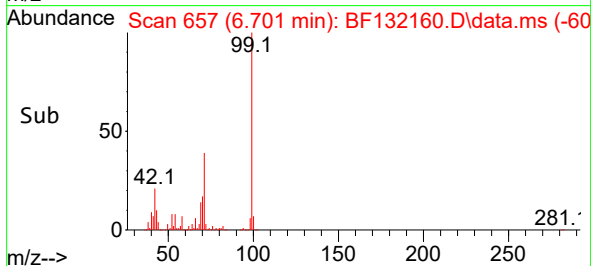
Instrument :
BNA_F
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Tgt Ion: 99 Resp: 1244079
Ion Ratio Lower Upper
99 100
42 20.9 16.6 24.8
71 39.2 30.8 46.2

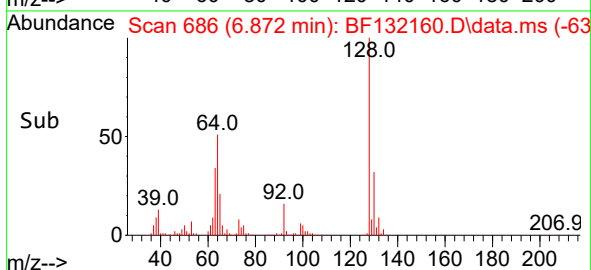
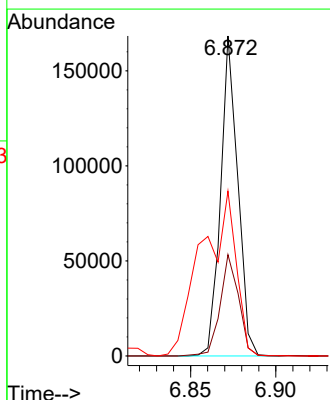
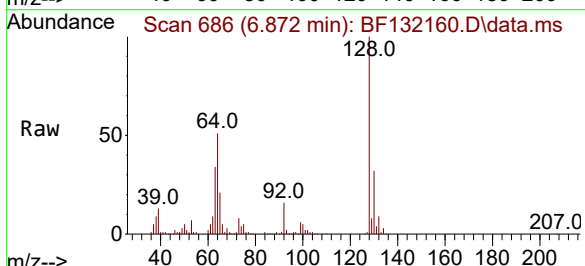
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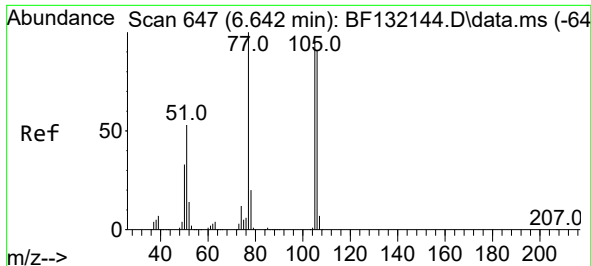
Reviewed By :Christian Giraldo 01/23/2023
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#8
2-Chlorophenol
Concen: 10.418 ng
RT: 6.872 min Scan# 686
Delta R.T. 0.000 min
Lab File: BF132160.D
Acq: 20 Jan 2023 14:09

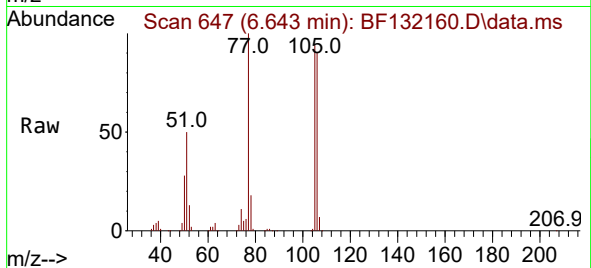
Tgt Ion:128 Resp: 118103
Ion Ratio Lower Upper
128 100
130 31.7 12.8 52.8
64 51.5 34.8 74.8





#9
Benzaldehyde
Concen: 10.947 ng
RT: 6.643 min Scan# 647
Delta R.T. 0.001 min
Lab File: BF132160.D
Acq: 20 Jan 2023 14:09

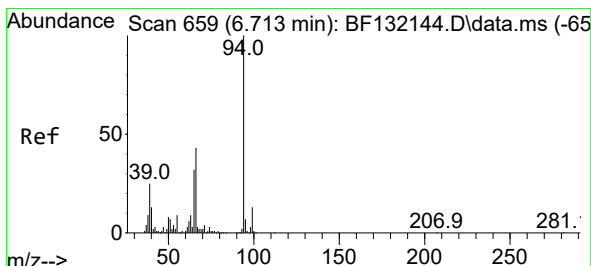
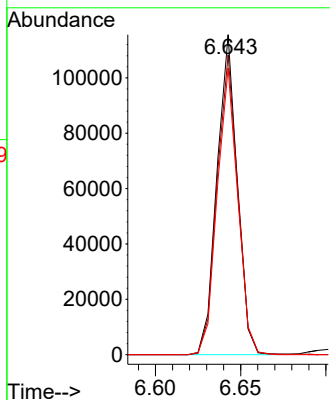
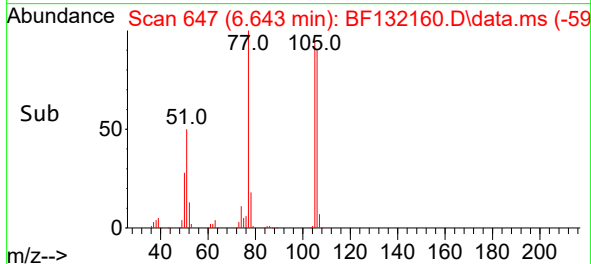
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ClientSampleId :
LOQ-WATER-02-QT3-2022



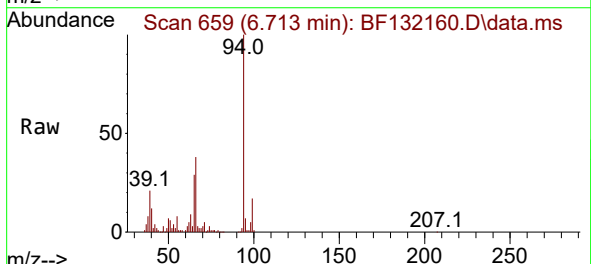
Tgt Ion: 77 Resp: 95618
Ion Ratio Lower Upper
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105 93.7 75.5 115.5
106 89.6 70.7 110.7

Manual Integrations
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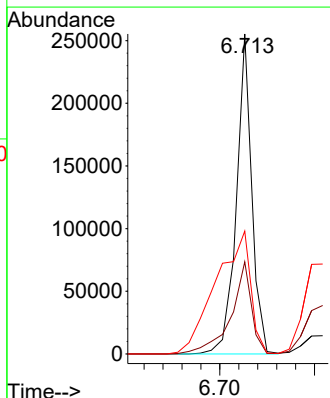
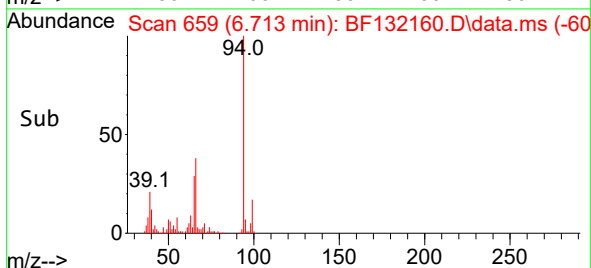
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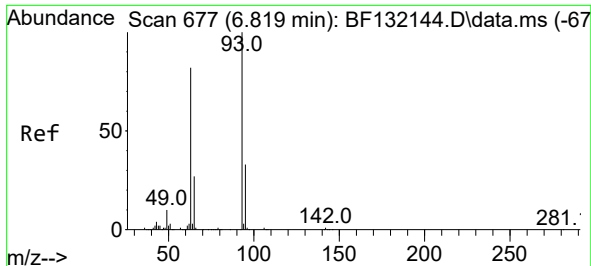


#10
Phenol
Concen: 10.175 ng
RT: 6.713 min Scan# 659
Delta R.T. 0.000 min
Lab File: BF132160.D
Acq: 20 Jan 2023 14:09



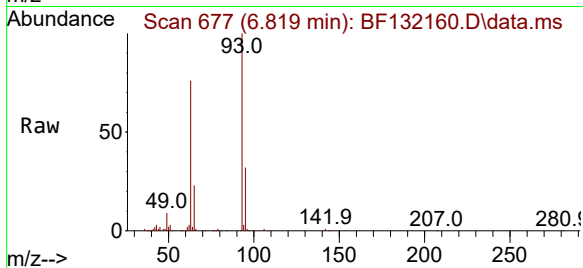
Tgt Ion: 94 Resp: 143811
Ion Ratio Lower Upper
94 100
65 28.8 12.0 52.0
66 38.4 22.7 62.7





#11
bis(2-Chloroethyl)ether
Concen: 10.233 ng
RT: 6.819 min Scan# 611
Delta R.T. 0.000 min
Lab File: BF132160.D
Acq: 20 Jan 2023 14:09

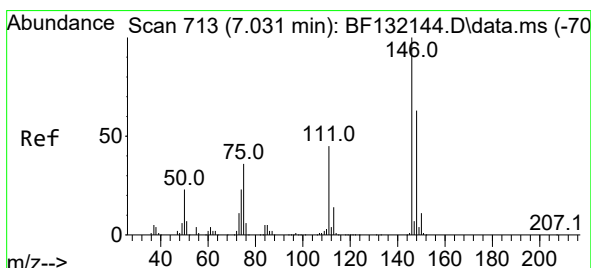
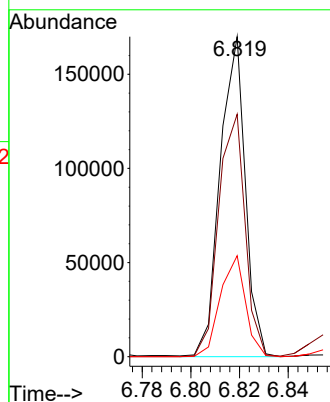
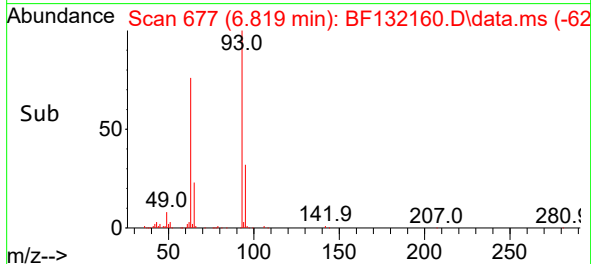
Instrument :
BNA_F
ClientSampleId :
LOQ-WATER-02-QT3-2022



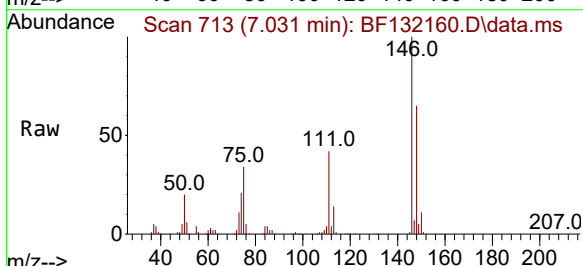
Tgt Ion: 93 Resp: 122440
Ion Ratio Lower Upper
93 100
63 75.8 61.6 101.6
95 31.6 12.7 52.7

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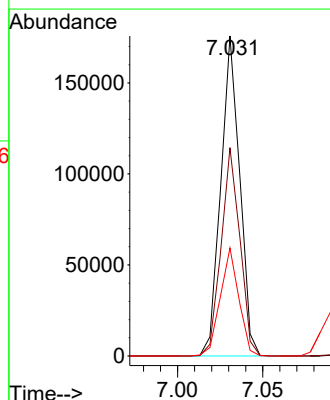
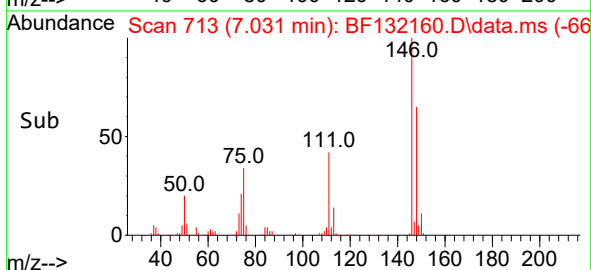
Reviewed By :Christian Giraldo 01/23/2023
Supervised By :Jagrut Upadhyay 01/23/2023

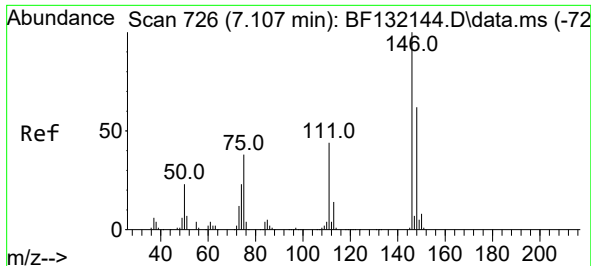


#12
1,3-Dichlorobenzene
Concen: 10.702 ng
RT: 7.031 min Scan# 713
Delta R.T. 0.000 min
Lab File: BF132160.D
Acq: 20 Jan 2023 14:09



Tgt Ion:146 Resp: 135617
Ion Ratio Lower Upper
146 100
148 65.1 50.0 75.0
75 33.8 28.8 43.2





#13

1,4-Dichlorobenzene

Concen: 10.990 ng

RT: 7.107 min Scan# 71

Delta R.T. 0.000 min

Lab File: BF132160.D

Acq: 20 Jan 2023 14:09

Instrument :

BNA_F

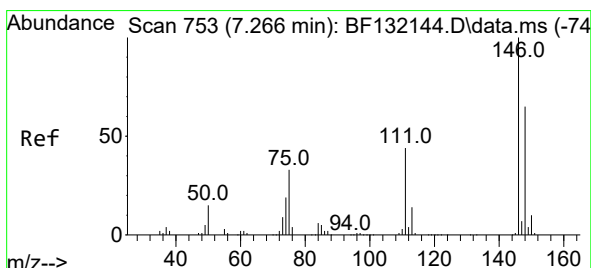
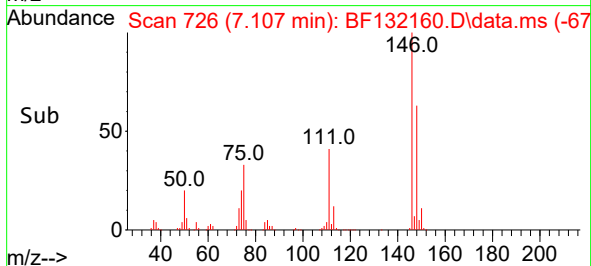
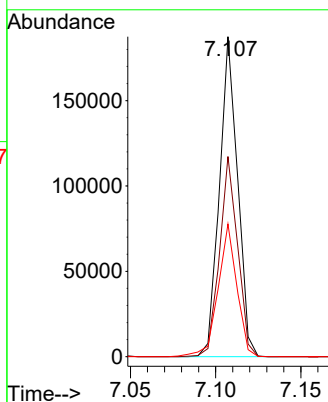
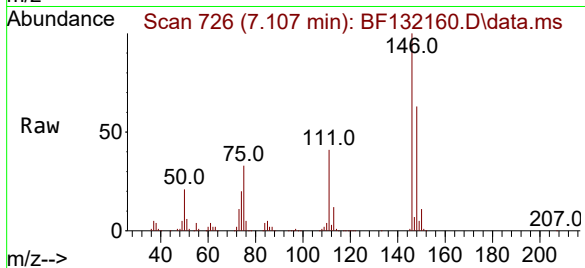
ClientSampleId :

LOQ-WATER-02-QT3-2022

Tgt Ion:146 Resp: 13897
 Ion Ratio Lower Upper
 146 100
 148 62.5 49.9 74.9
 111 41.5 35.2 52.8

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



#14

1,2-Dichlorobenzene

Concen: 10.957 ng

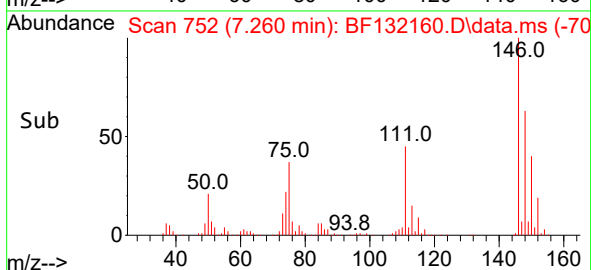
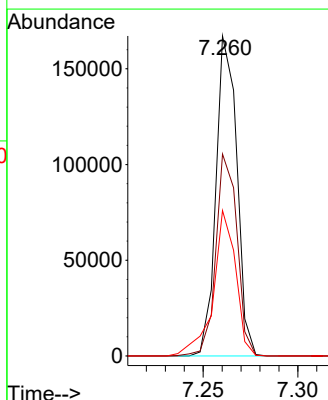
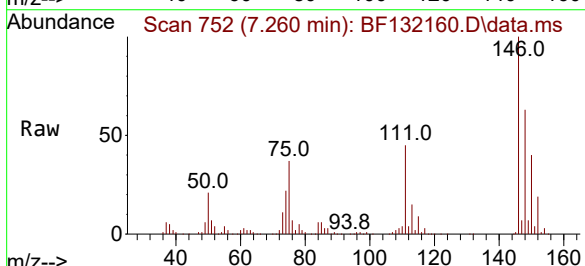
RT: 7.260 min Scan# 752

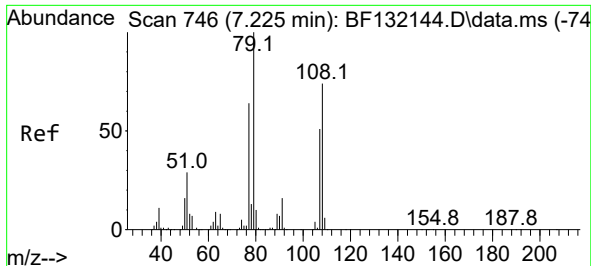
Delta R.T. -0.006 min

Lab File: BF132160.D

Acq: 20 Jan 2023 14:09

Tgt Ion:146 Resp: 128110
 Ion Ratio Lower Upper
 146 100
 148 63.1 52.0 78.0
 111 45.5 35.4 53.2





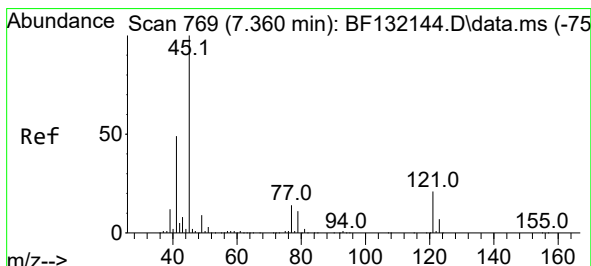
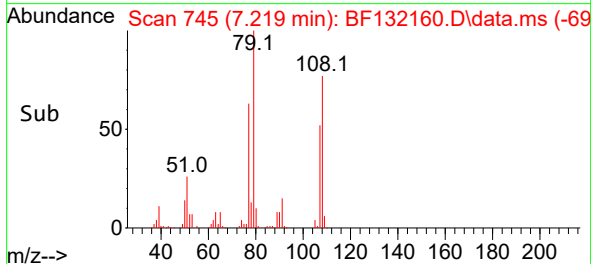
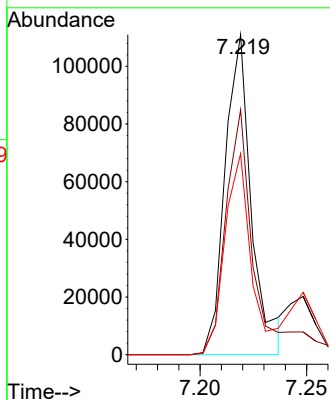
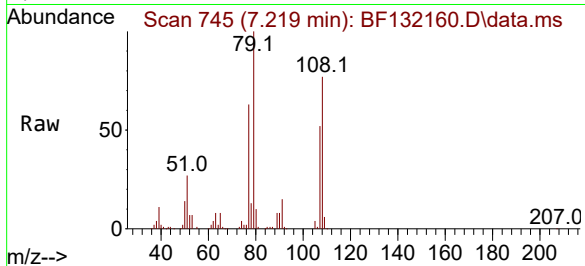
#15
Benzyl Alcohol
Concen: 9.216 ng
RT: 7.219 min Scan# 746
Delta R.T. -0.006 min
Lab File: BF132160.D
Acq: 20 Jan 2023 14:09

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

Tgt Ion: 79 Resp: 95700
Ion Ratio Lower Upper
79 100
108 76.6 58.9 88.3
77 62.8 51.1 76.7

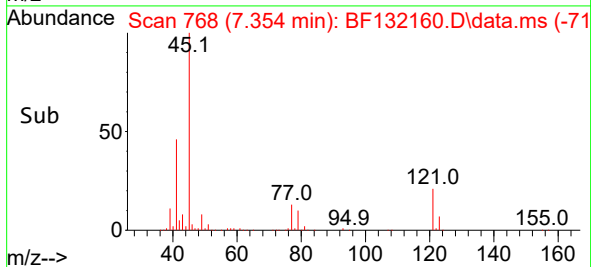
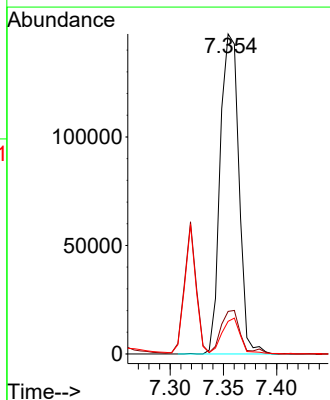
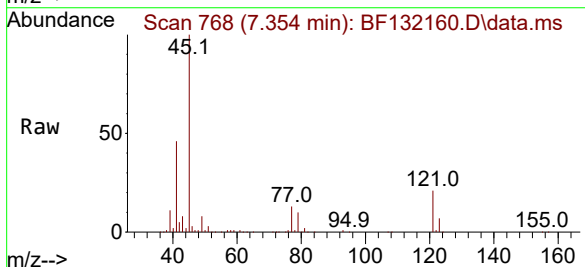
Manual Integrations
APPROVED

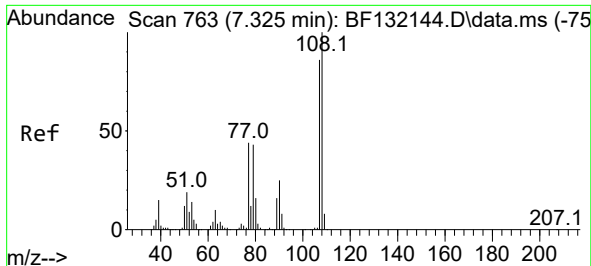
Reviewed By :Christian Giraldo 01/23/2023
Supervised By :Jagrut Upadhyay 01/23/2023



#16
2,2'-oxybis(1-Chloropropane)
Concen: 10.311 ng
RT: 7.354 min Scan# 768
Delta R.T. -0.006 min
Lab File: BF132160.D
Acq: 20 Jan 2023 14:09

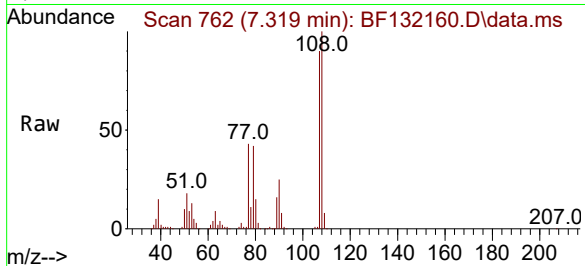
Tgt Ion: 45 Resp: 179302
Ion Ratio Lower Upper
45 100
77 13.3 0.0 34.3
79 10.2 0.0 30.9





#17
2-Methylphenol
Concen: 9.547 ng
RT: 7.319 min Scan# 762
Delta R.T. -0.006 min
Lab File: BF132160.D
Acq: 20 Jan 2023 14:09

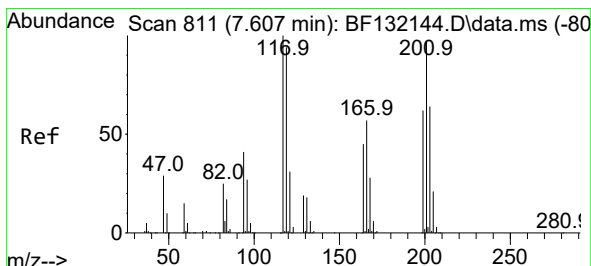
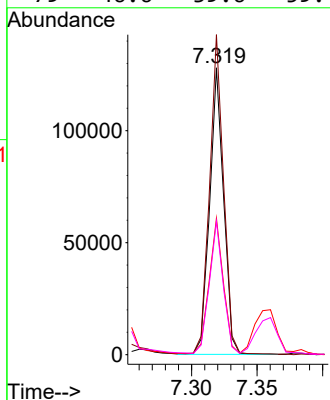
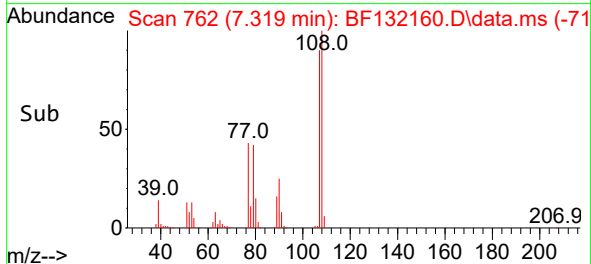
Instrument : BNA_F
ClientSampleId : LOQ-WATER-02-QT3-2022



Tgt Ion:107 Resp: 9482
Ion Ratio Lower Upper
107 100
108 111.6 92.8 139.2
77 47.6 41.1 61.7
79 46.6 39.6 59.4

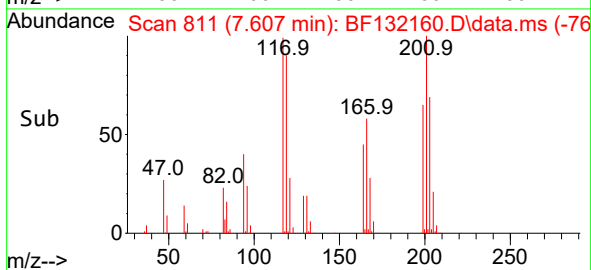
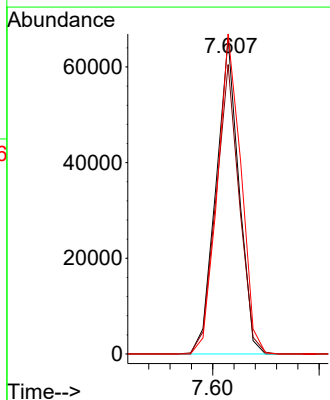
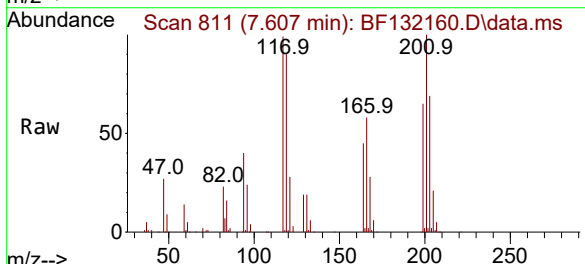
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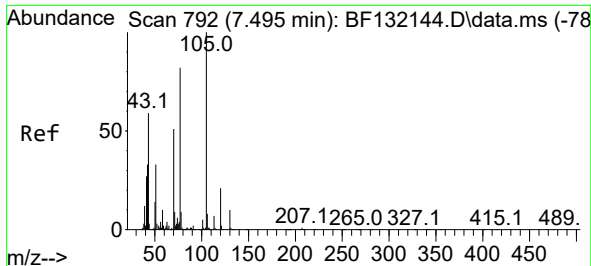
Reviewed By :Christian Giraldo 01/23/2023
Supervised By :Jagrut Upadhyay 01/23/2023



#18
Hexachloroethane
Concen: 10.794 ng
RT: 7.607 min Scan# 811
Delta R.T. 0.000 min
Lab File: BF132160.D
Acq: 20 Jan 2023 14:09

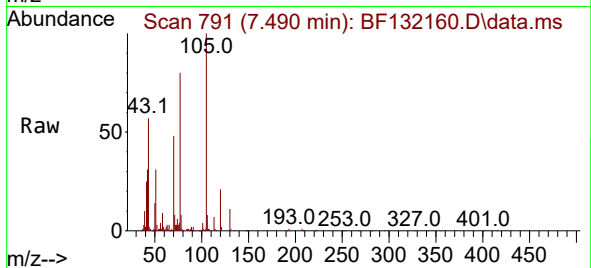
Tgt Ion:117 Resp: 48998
Ion Ratio Lower Upper
117 100
119 91.7 75.4 113.0
201 101.3 77.9 116.9





#19
n-Nitroso-di-n-propylamine
Concen: 10.422 ng
RT: 7.490 min Scan# 791
Delta R.T. -0.006 min
Lab File: BF132160.D
Acq: 20 Jan 2023 14:09

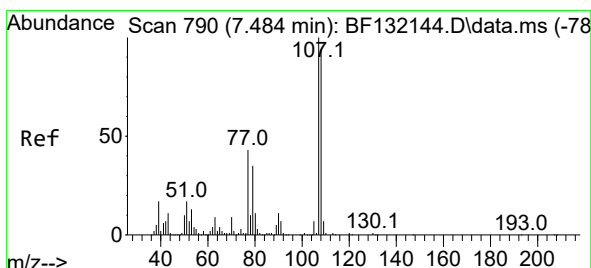
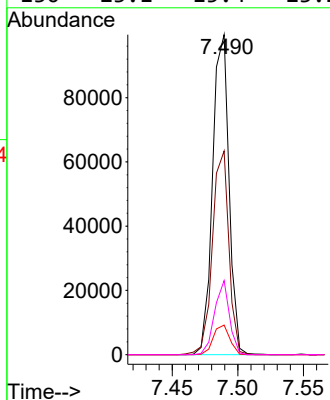
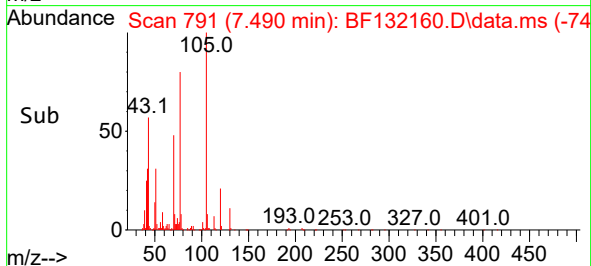
Instrument :
BNA_F
ClientSampleId :
LOQ-WATER-02-QT3-2022



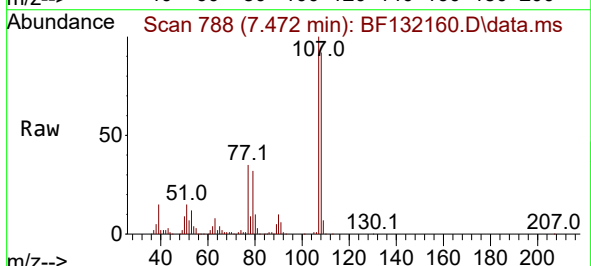
Tgt Ion: 70 Resp: 86668
Ion Ratio Lower Upper
70 100
42 63.6 51.0 76.4
101 9.3 7.3 10.9
130 23.1 15.4 23.2

Manual Integrations
APPROVED

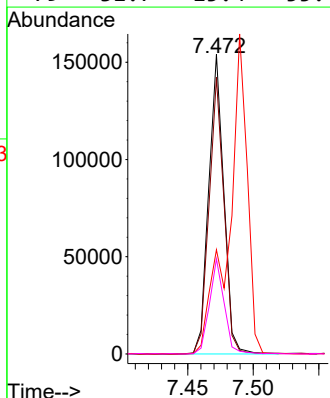
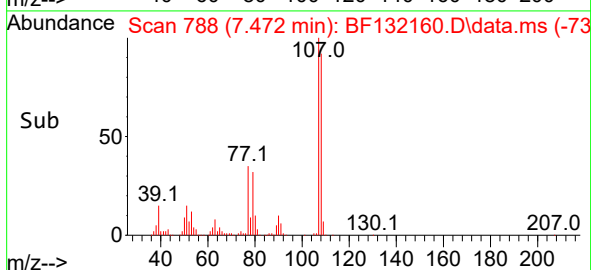
Reviewed By :Christian Giraldo 01/23/2023
Supervised By :Jagrut Upadhyay 01/23/2023

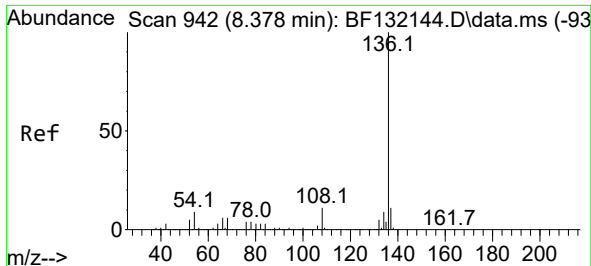


#20
3+4-Methylphenols
Concen: 9.871 ng
RT: 7.472 min Scan# 788
Delta R.T. -0.012 min
Lab File: BF132160.D
Acq: 20 Jan 2023 14:09



Tgt Ion:107 Resp: 123535
Ion Ratio Lower Upper
107 100
108 92.3 73.8 113.8
77 34.8 22.8 62.8
79 31.7 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: BF132160.D

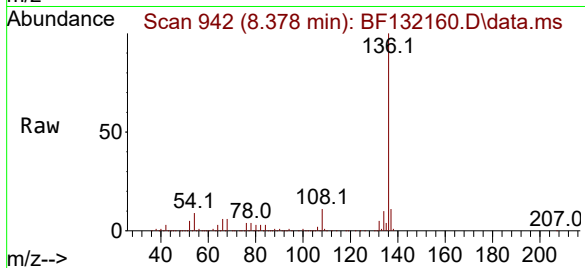
Acq: 20 Jan 2023 14:09

Instrument :

BNA_F

ClientSampleId :

LOQ-WATER-02-QT3-2022

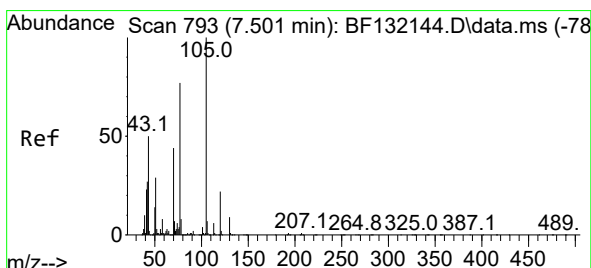
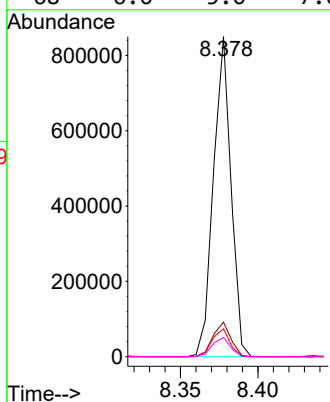
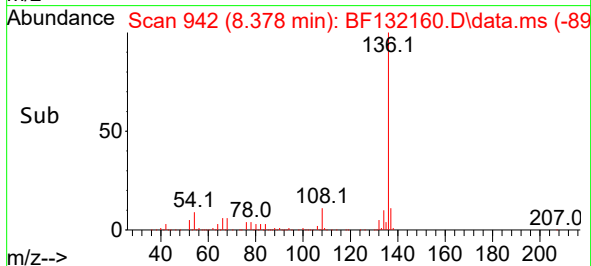


Tgt Ion:136	Resp: 66837
Ion Ratio	Lower Upper
136 100	
137 10.8	8.9 13.3
54 8.7	7.0 10.6
68 6.0	5.0 7.6

Manual Integrations

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



#22

Acetophenone

Concen: 9.727 ng

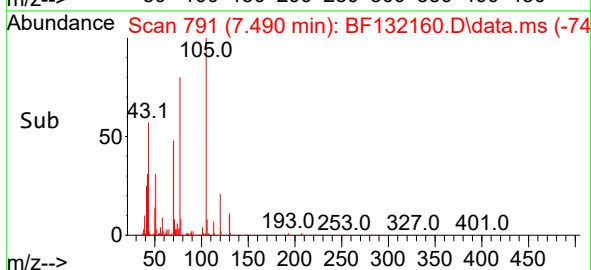
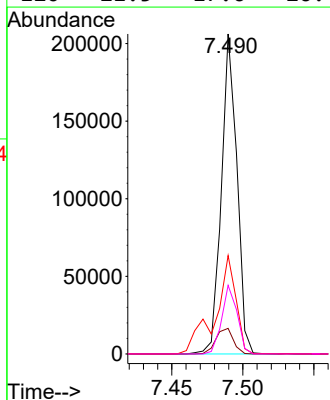
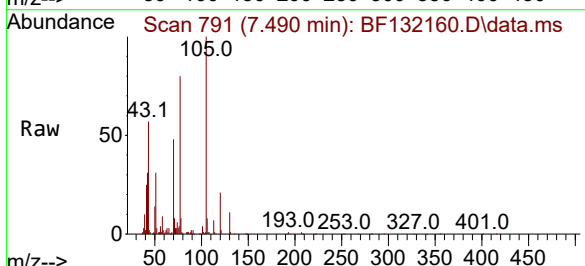
RT: 7.490 min Scan# 791

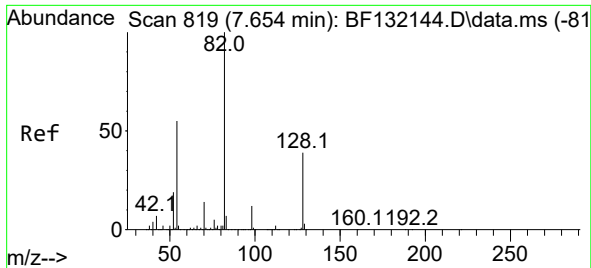
Delta R.T. -0.012 min

Lab File: BF132160.D

Acq: 20 Jan 2023 14:09

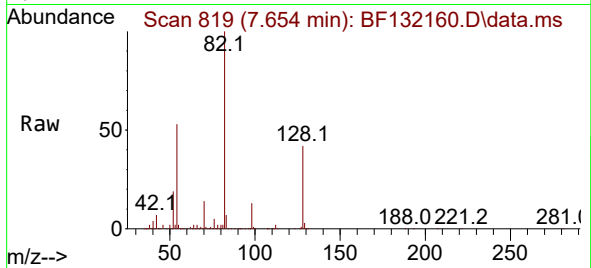
Tgt Ion:105	Resp: 156257
Ion Ratio	Lower Upper
105 100	
71 8.0	5.8 8.6
51 30.7	23.0 34.6
120 21.5	17.6 26.4





#23
Nitrobenzene-d5
Concen: 64.806 ng
RT: 7.654 min Scan# 819
Delta R.T. 0.000 min
Lab File: BF132160.D
Acq: 20 Jan 2023 14:09

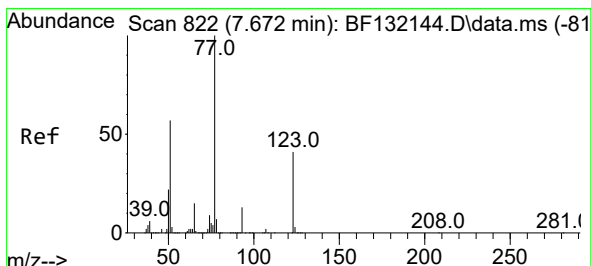
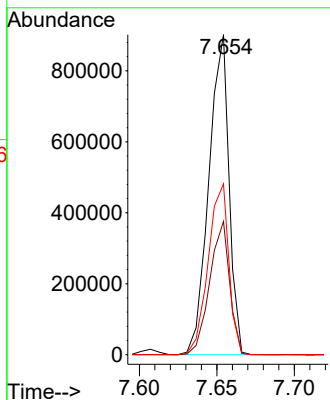
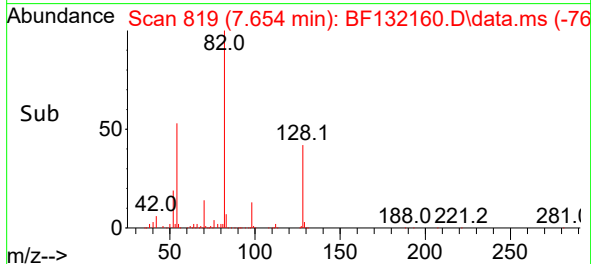
Instrument :
BNA_F
ClientSampleId :
LOQ-WATER-02-QT3-2022



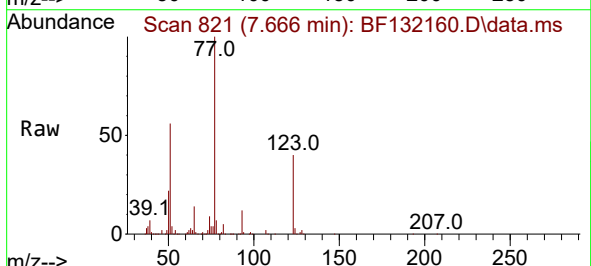
Tgt Ion: 82 Resp: 815360
Ion Ratio Lower Upper
82 100
128 41.7 31.1 46.7
54 53.4 43.9 65.9

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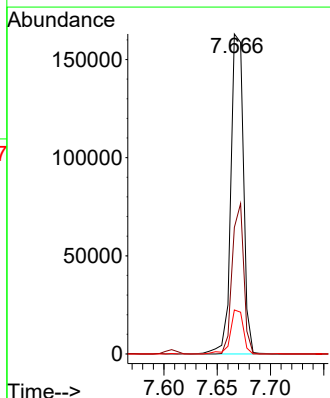
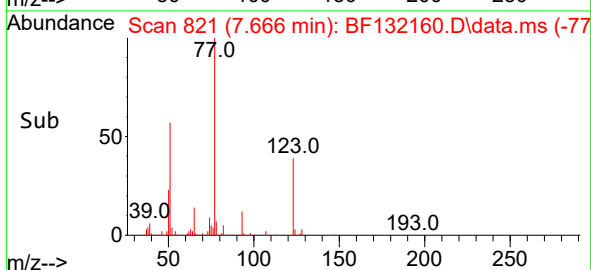
Reviewed By :Christian Giraldo 01/23/2023
Supervised By :Jagrut Upadhyay 01/23/2023

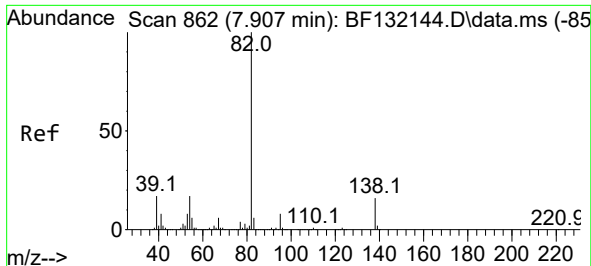


#24
Nitrobenzene
Concen: 10.070 ng
RT: 7.666 min Scan# 821
Delta R.T. -0.006 min
Lab File: BF132160.D
Acq: 20 Jan 2023 14:09



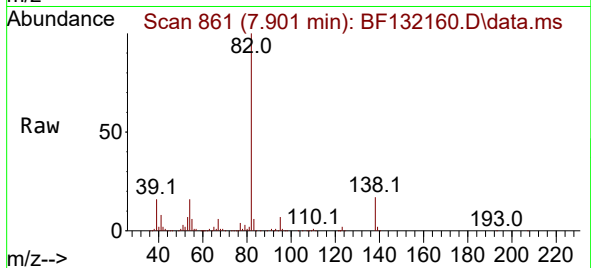
Tgt Ion: 77 Resp: 134149
Ion Ratio Lower Upper
77 100
123 39.6 33.1 49.7
65 13.7 11.7 17.5





#25
Isophorone
Concen: 9.485 ng
RT: 7.901 min Scan# 861
Delta R.T. -0.006 min
Lab File: BF132160.D
Acq: 20 Jan 2023 14:09

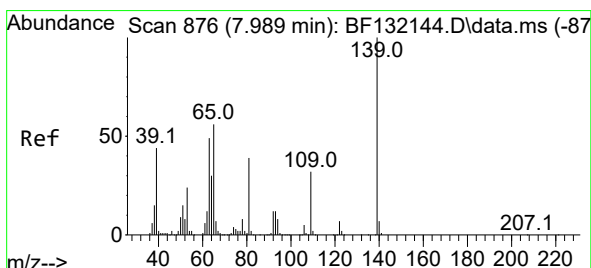
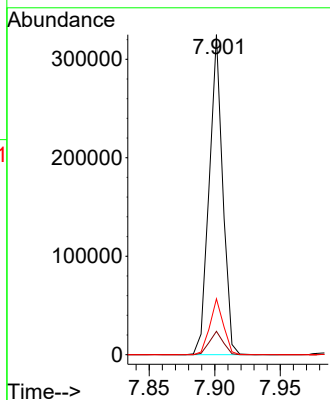
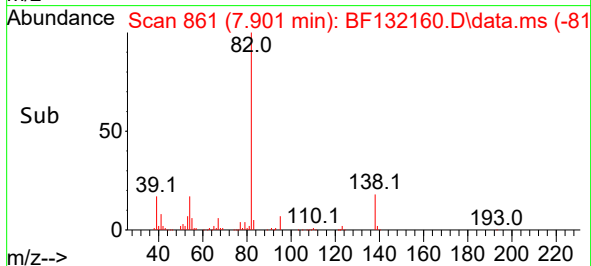
Instrument : BNA_F
ClientSampleId :
LOQ-WATER-02-QT3-2022



Tgt Ion: 82 Resp: 233508
Ion Ratio Lower Upper
82 100
95 7.3 6.2 9.2
138 17.5 12.9 19.3

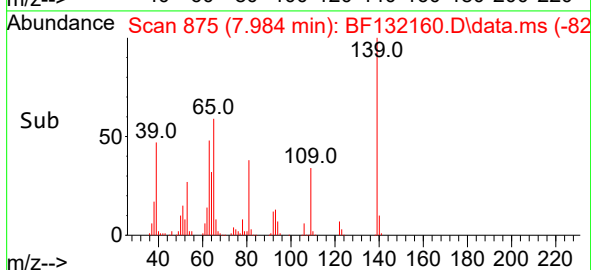
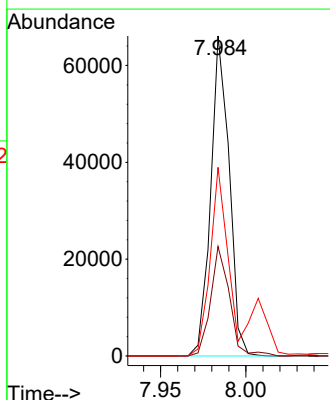
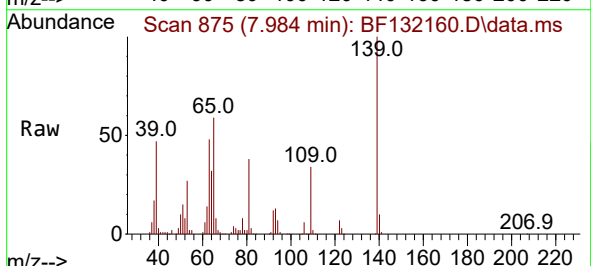
Manual Integrations
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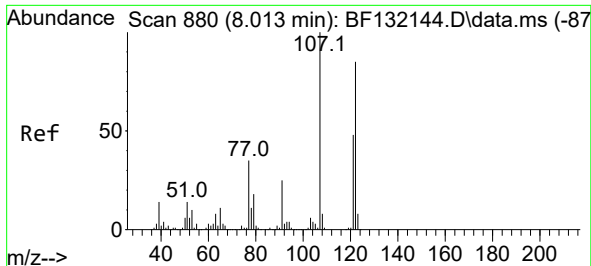
Reviewed By :Christian Giraldo 01/23/2023
Supervised By :Jagrut Upadhyay 01/23/2023



#26
2-Nitrophenol
Concen: 11.715 ng
RT: 7.984 min Scan# 875
Delta R.T. -0.005 min
Lab File: BF132160.D
Acq: 20 Jan 2023 14:09

Tgt Ion:139 Resp: 49645
Ion Ratio Lower Upper
139 100
109 34.2 25.8 38.8
65 59.0 44.6 66.8





#27

2,4-Dimethylphenol

Concen: 7.685 ng

RT: 8.007 min Scan# 81

Delta R.T. -0.006 min

Lab File: BF132160.D

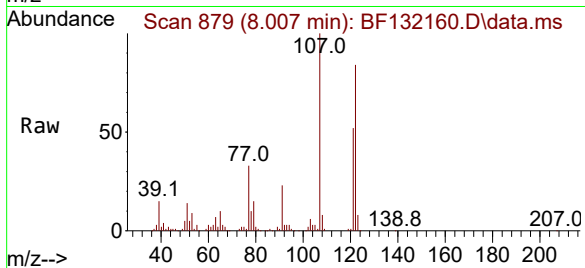
Acq: 20 Jan 2023 14:09

Instrument :

BNA_F

ClientSampleId :

LOQ-WATER-02-QT3-2022



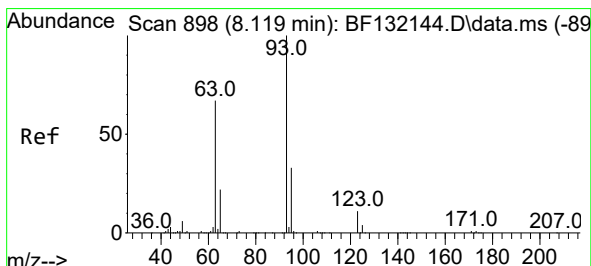
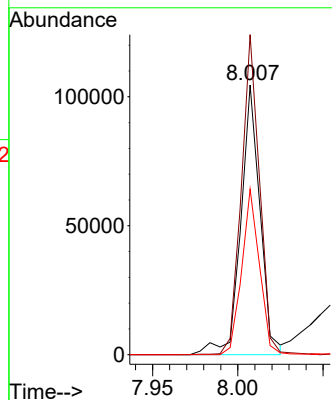
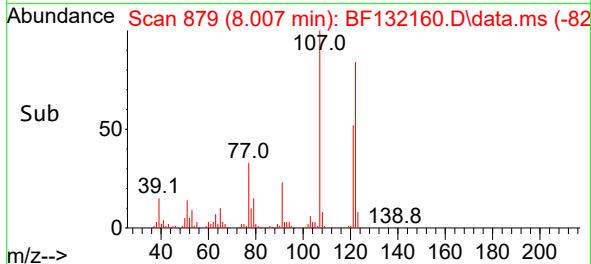
Tgt Ion:	122	Resp:	81860
Ion	Ratio	Lower	Upper
122	100		
107	118.7	94.2	141.4
121	61.5	45.6	68.4

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 01/23/2023

Supervised By :Jagrut Upadhyay 01/23/2023



#28

bis(2-Chloroethoxy)methane

Concen: 10.075 ng

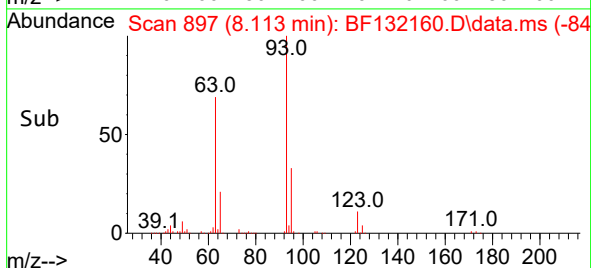
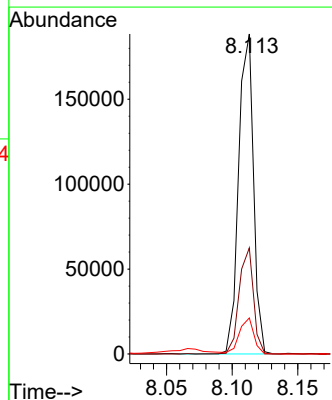
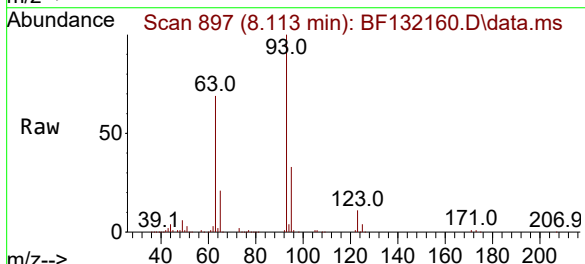
RT: 8.113 min Scan# 897

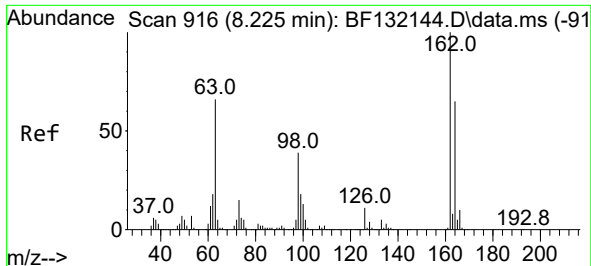
Delta R.T. -0.006 min

Lab File: BF132160.D

Acq: 20 Jan 2023 14:09

Tgt Ion:	93	Resp:	148816
Ion	Ratio	Lower	Upper
93	100		
95	33.1	26.2	39.2
123	11.3	9.1	13.7





#29

2,4-Dichlorophenol

Concen: 10.017 ng

RT: 8.219 min Scan# 916

Delta R.T. -0.006 min

Lab File: BF132160.D

Acq: 20 Jan 2023 14:09

Instrument :

BNA_F

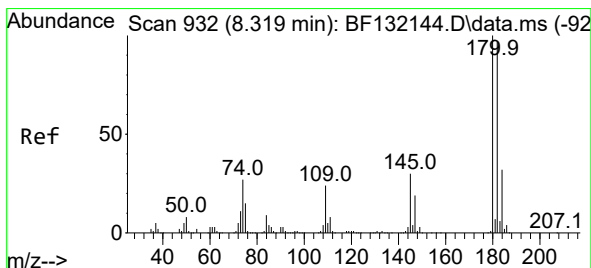
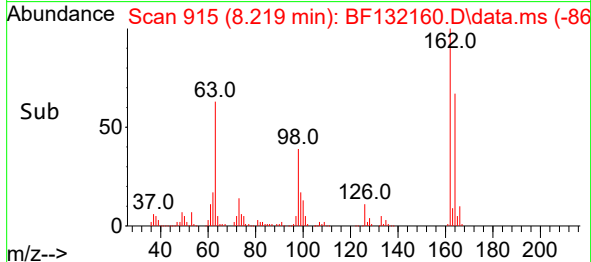
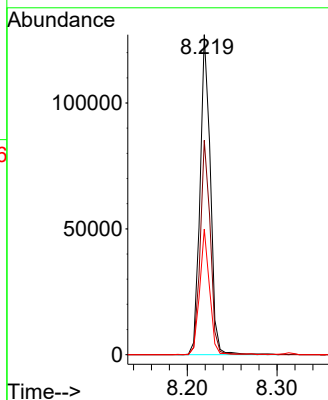
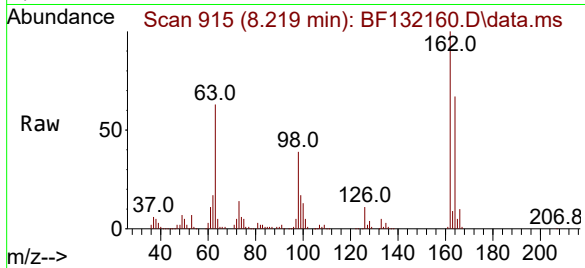
ClientSampleId :

LOQ-WATER-02-QT3-2022

Tgt Ion:162 Resp: 101304
 Ion Ratio Lower Upper
 162 100
 164 67.0 44.7 84.7
 98 39.3 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: 10.316 ng

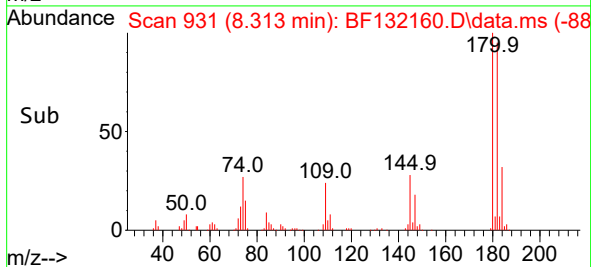
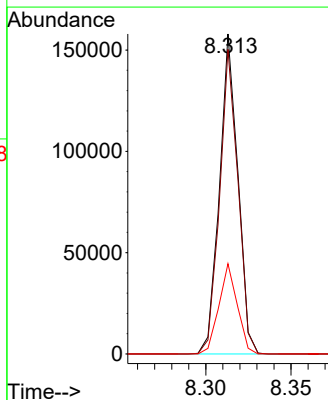
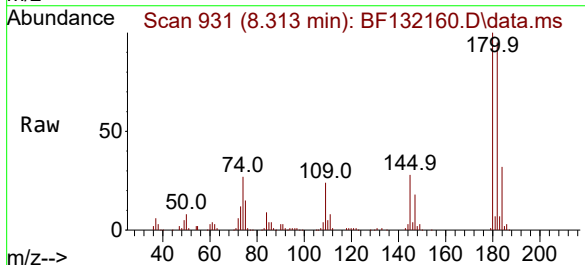
RT: 8.313 min Scan# 931

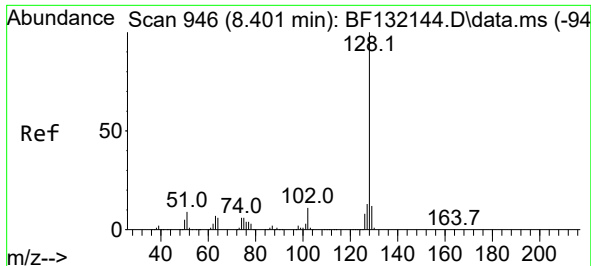
Delta R.T. -0.006 min

Lab File: BF132160.D

Acq: 20 Jan 2023 14:09

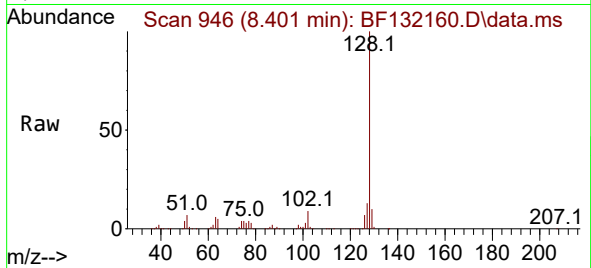
Tgt Ion:180 Resp: 118496
 Ion Ratio Lower Upper
 180 100
 182 95.2 77.4 116.0
 145 28.2 23.8 35.6





#31
Naphthalene
Concen: 10.321 ng
RT: 8.401 min Scan# 946
Delta R.T. 0.000 min
Lab File: BF132160.D
Acq: 20 Jan 2023 14:09

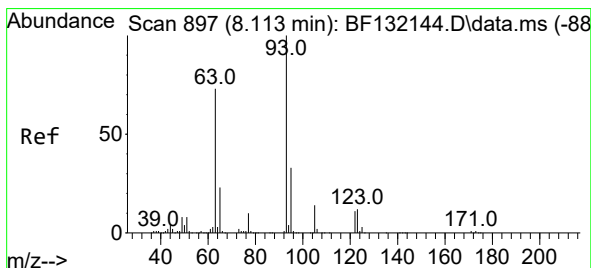
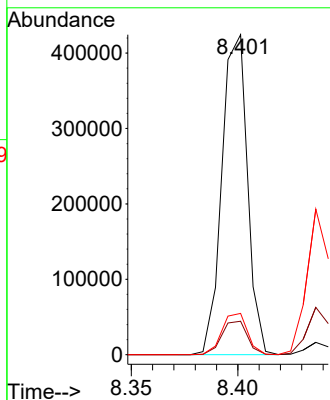
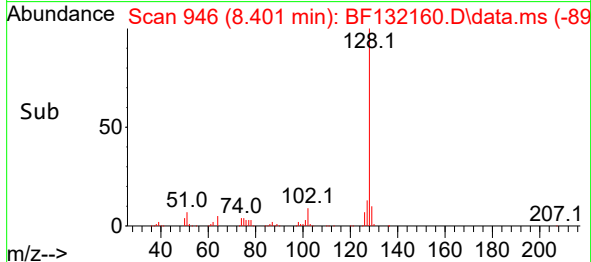
Instrument :
BNA_F
ClientSampleId :
LOQ-WATER-02-QT3-2022



Tgt Ion:128 Resp: 354292
Ion Ratio Lower Upper
128 100
129 10.4 9.3 13.9
127 12.9 10.6 15.8

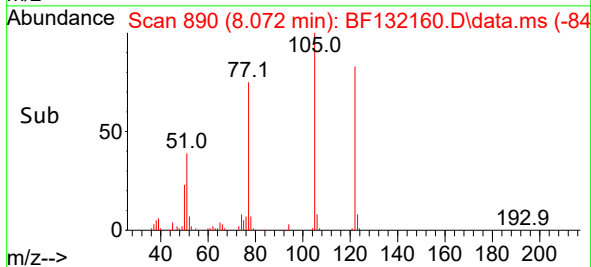
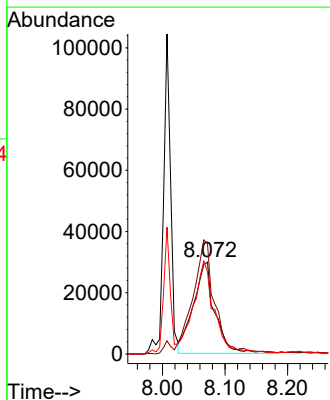
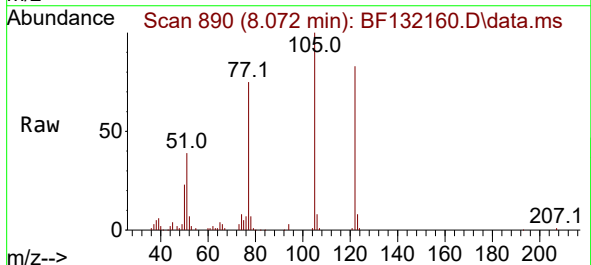
Manual Integrations
APPROVED

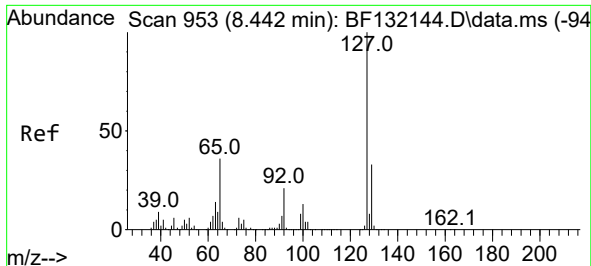
Reviewed By :Christian Giraldo 01/23/2023
Supervised By :Jagrut Upadhyay 01/23/2023



#32
Benzoic acid
Concen: 11.526 ng m
RT: 8.072 min Scan# 890
Delta R.T. -0.041 min
Lab File: BF132160.D
Acq: 20 Jan 2023 14:09

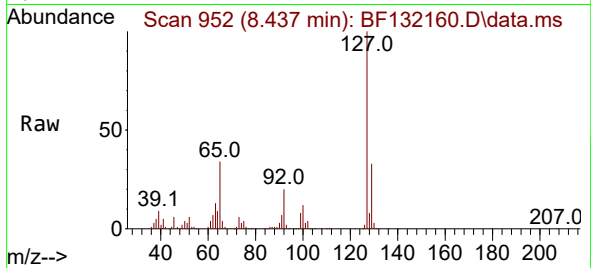
Tgt Ion:122 Resp: 71898
Ion Ratio Lower Upper
122 100
105 120.4 96.8 136.8
77 89.8 72.5 112.5





#33
4-Chloroaniline
Concen: 9.959 ng
RT: 8.437 min Scan# 912
Delta R.T. -0.006 min
Lab File: BF132160.D
Acq: 20 Jan 2023 14:09

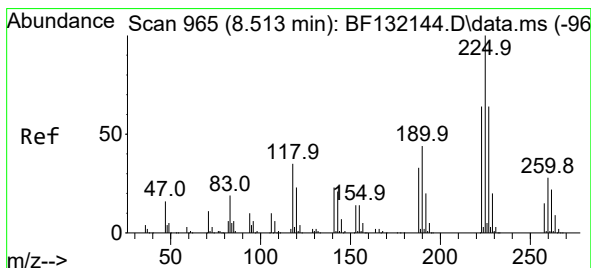
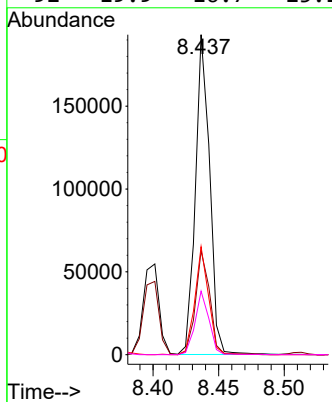
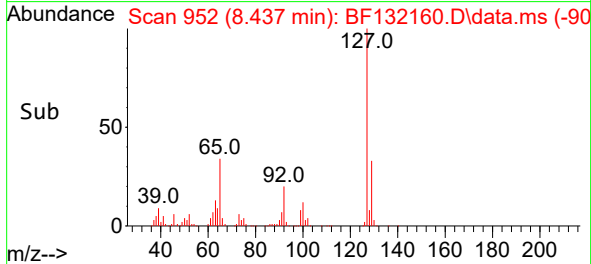
Instrument :
BNA_F
ClientSampleId :
LOQ-WATER-02-QT3-2022



Tgt Ion:127 Resp: 146299
Ion Ratio Lower Upper
127 100
129 32.5 26.0 39.0
65 33.8 28.4 42.6
92 19.9 16.7 25.1

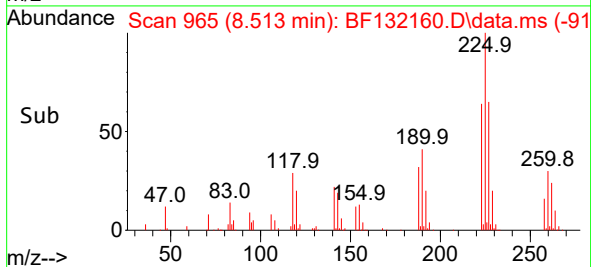
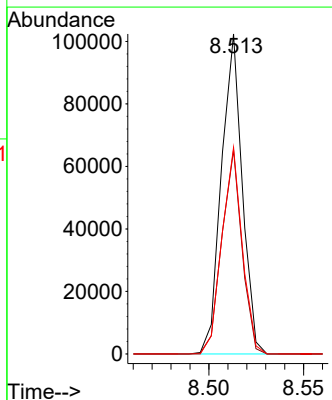
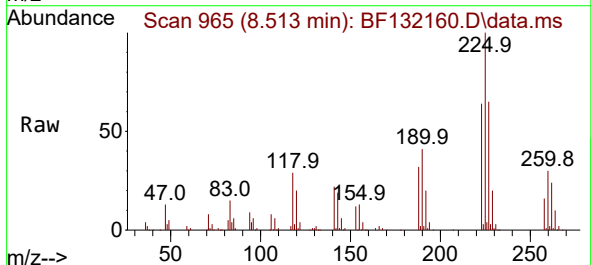
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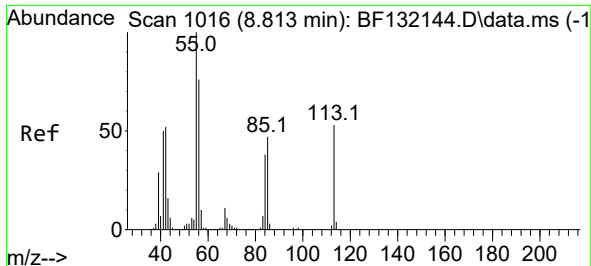
Reviewed By :Christian Giraldo 01/23/2023
Supervised By :Jagrut Upadhyay 01/23/2023



#34
Hexachlorobutadiene
Concen: 10.112 ng
RT: 8.513 min Scan# 965
Delta R.T. 0.000 min
Lab File: BF132160.D
Acq: 20 Jan 2023 14:09

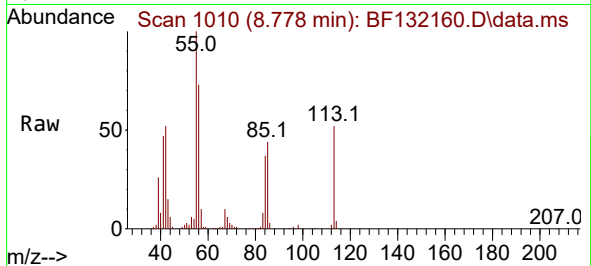
Tgt Ion:225 Resp: 78029
Ion Ratio Lower Upper
225 100
223 63.8 50.9 76.3
227 64.6 50.8 76.2





#35
Caprolactam
Concen: 12.650 ng
RT: 8.778 min Scan# 1010
Delta R.T. -0.035 min
Lab File: BF132160.D
Acq: 20 Jan 2023 14:09

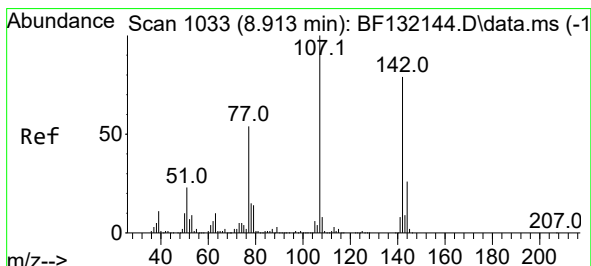
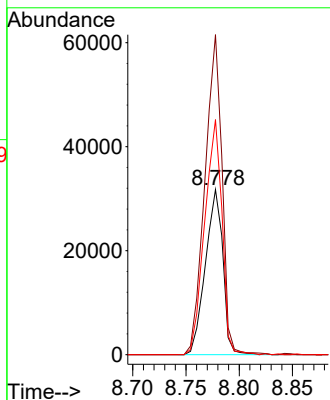
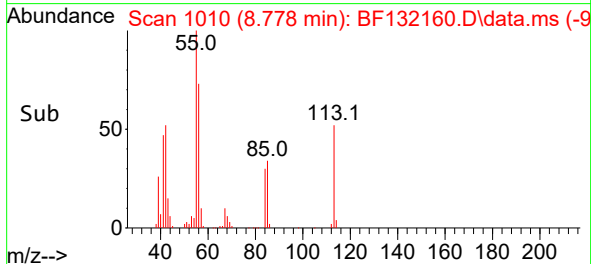
Instrument : BNA_F
ClientSampleId :
LOQ-WATER-02-QT3-2022



Tgt Ion:113 Resp: 36278
Ion Ratio Lower Upper
113 100
55 193.7 167.5 207.5
56 142.3 122.0 162.0

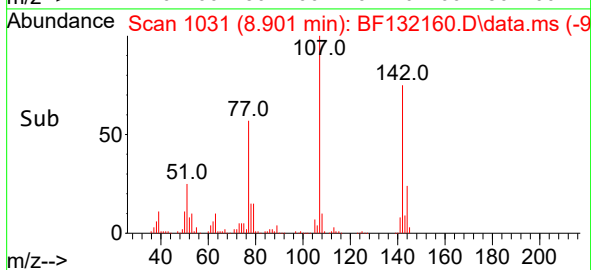
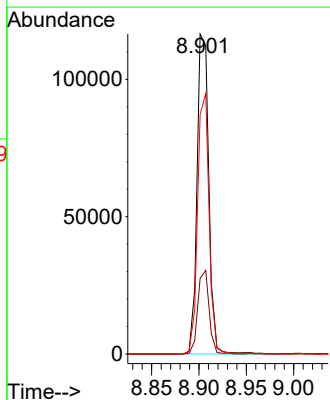
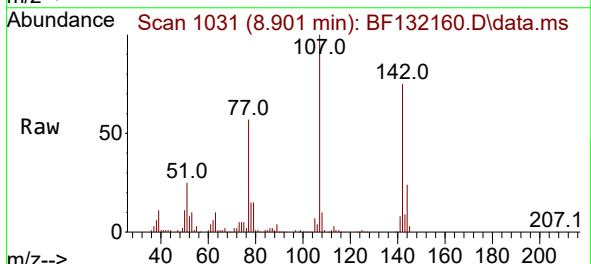
Manual Integrations
APPROVED

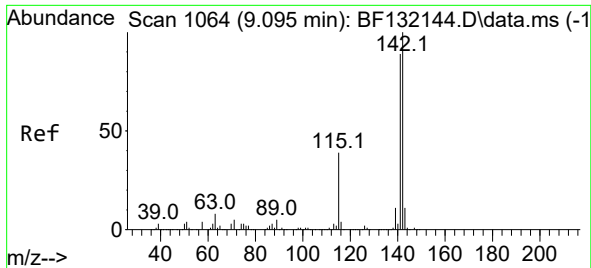
Reviewed By :Christian Giraldo 01/23/2023
Supervised By :Jagrut Upadhyay 01/23/2023



#36
4-Chloro-3-methylphenol
Concen: 9.885 ng
RT: 8.901 min Scan# 1031
Delta R.T. -0.012 min
Lab File: BF132160.D
Acq: 20 Jan 2023 14:09

Tgt Ion:107 Resp: 100598
Ion Ratio Lower Upper
107 100
144 23.6 21.0 31.4
142 74.8 63.6 95.4





#37

2-Methylnaphthalene

Concen: 10.053 ng

RT: 9.089 min Scan# 1063

Delta R.T. -0.006 min

Lab File: BF132160.D

Acq: 20 Jan 2023 14:09

Instrument :

BNA_F

ClientSampleId :

LOQ-WATER-02-QT3-2022

Tgt Ion:142 Resp: 23758

Ion Ratio Lower Upper

142 100

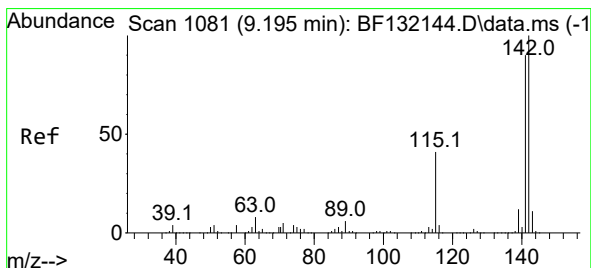
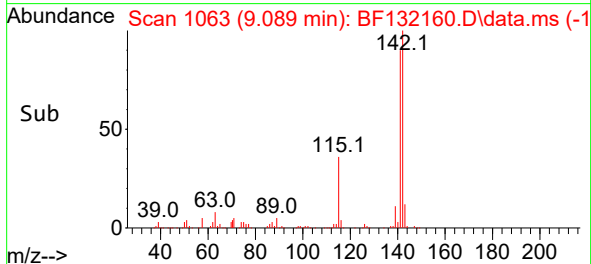
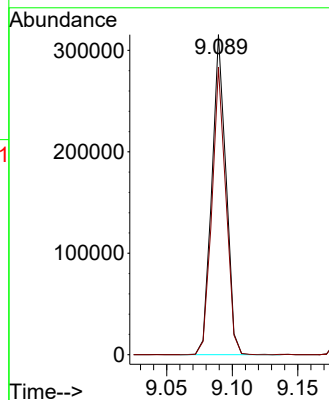
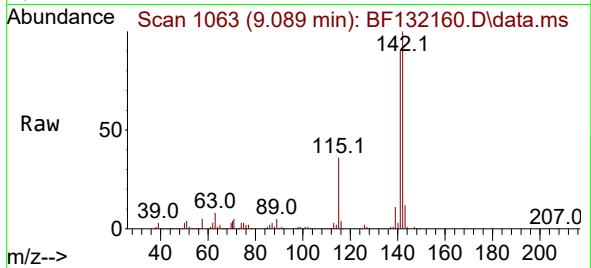
141 89.9 71.1 106.7

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 01/23/2023

Supervised By :Jagrut Upadhyay 01/23/2023



#38

1-Methylnaphthalene

Concen: 10.264 ng

RT: 9.189 min Scan# 1080

Delta R.T. -0.006 min

Lab File: BF132160.D

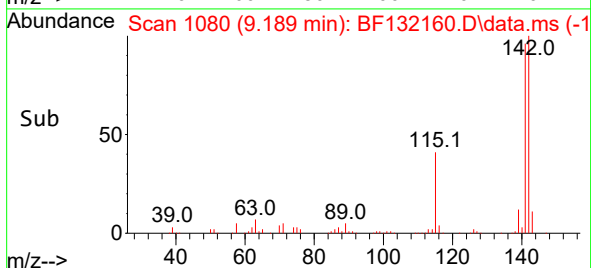
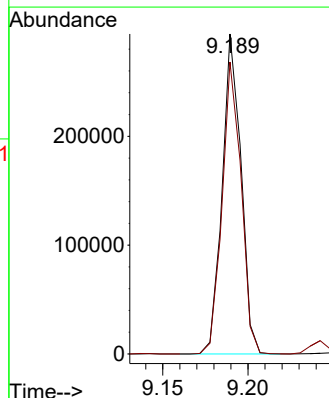
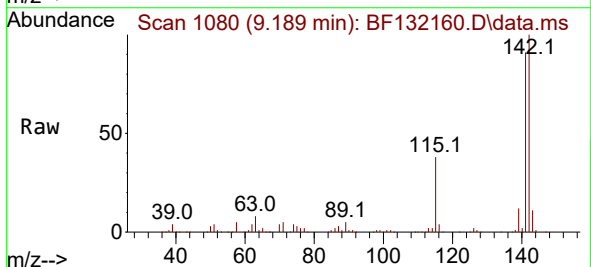
Acq: 20 Jan 2023 14:09

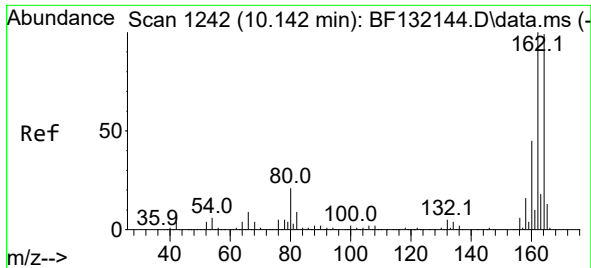
Tgt Ion:142 Resp: 225711

Ion Ratio Lower Upper

142 100

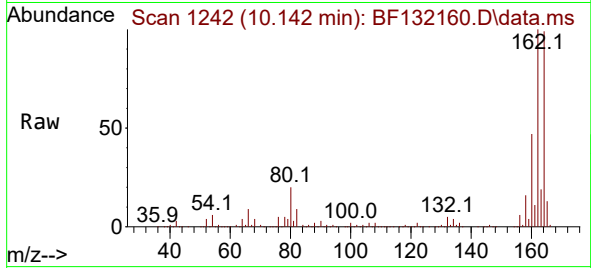
141 91.2 72.1 108.1





#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 10.142 min Scan# 1091
Delta R.T. 0.000 min
Lab File: BF132160.D
Acq: 20 Jan 2023 14:09

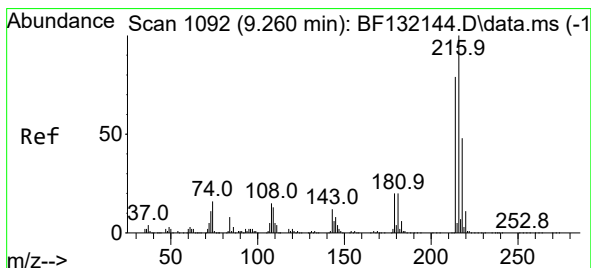
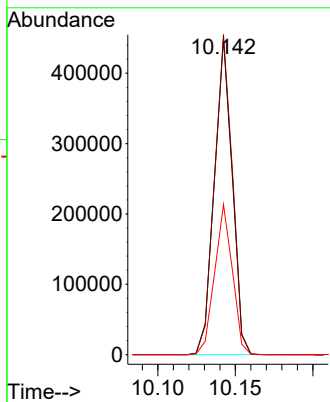
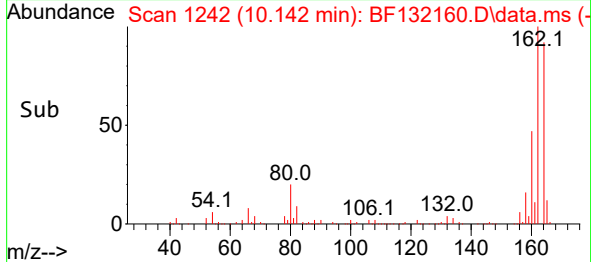
Instrument : BNA_F
ClientSampleId :
LOQ-WATER-02-QT3-2022



Tgt Ion:164 Resp: 35967
Ion Ratio Lower Upper
164 100
162 101.2 81.2 121.8
160 47.5 36.9 55.3

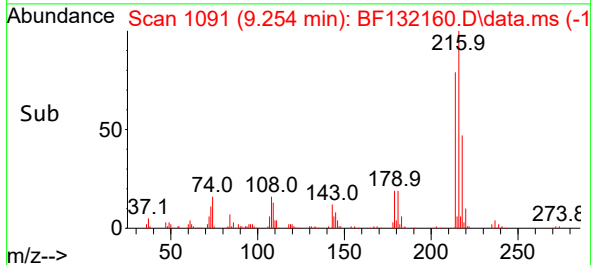
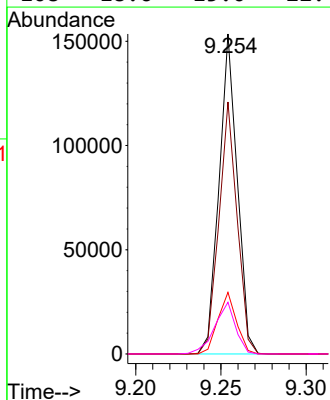
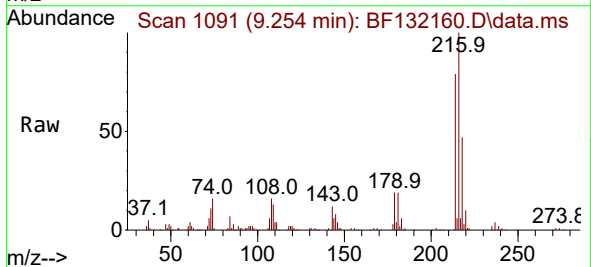
Manual Integrations
APPROVED

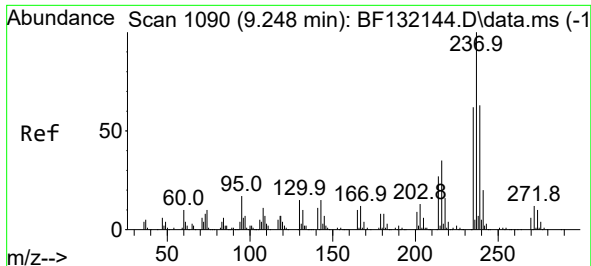
Reviewed By :Christian Giraldo 01/23/2023
Supervised By :Jagrut Upadhyay 01/23/2023



#40
1,2,4,5-Tetrachlorobenzene
Concen: 9.133 ng
RT: 9.254 min Scan# 1091
Delta R.T. -0.006 min
Lab File: BF132160.D
Acq: 20 Jan 2023 14:09

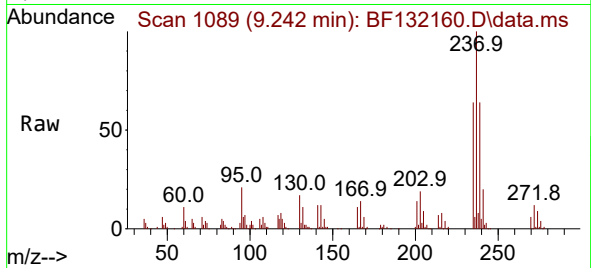
Tgt Ion:216 Resp: 114290
Ion Ratio Lower Upper
216 100
214 78.7 63.1 94.7
179 19.6 16.6 24.8
108 18.6 15.0 22.4





#41
Hexachlorocyclopentadiene
Concen: 10.681 ng
RT: 9.242 min Scan# 1090
Delta R.T. -0.006 min
Lab File: BF132160.D
Acq: 20 Jan 2023 14:09

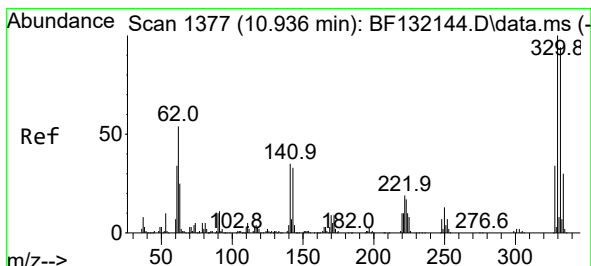
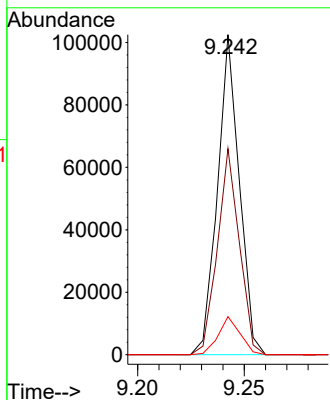
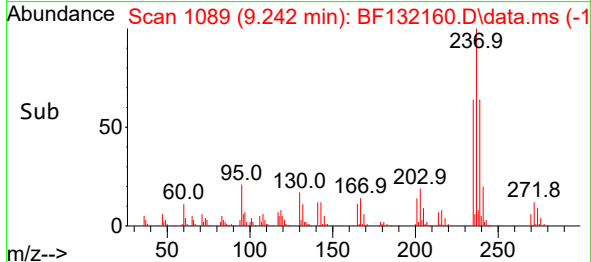
Instrument : BNA_F
ClientSampleId : LOQ-WATER-02-QT3-2022



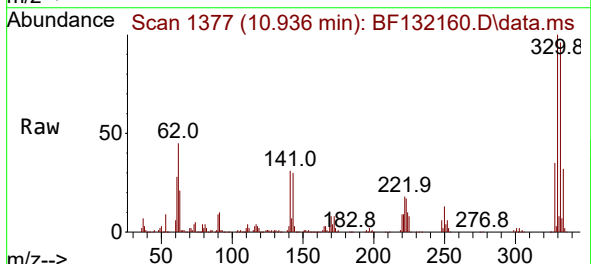
Tgt Ion: 237 Resp: 7294
Ion Ratio Lower Upper
237 100
235 64.4 41.7 81.7
272 11.9 0.0 32.3

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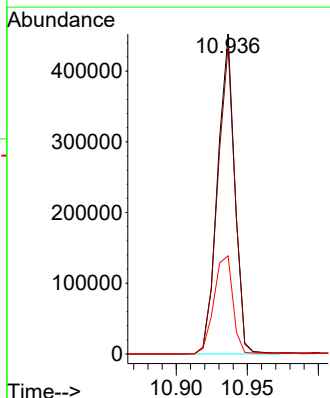
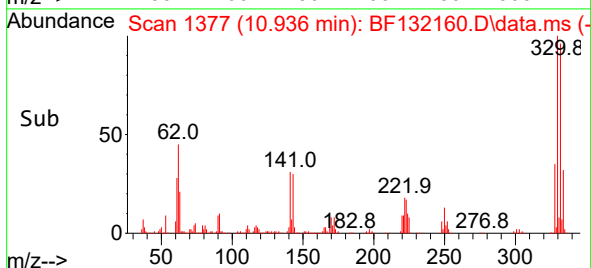
Reviewed By : Christian Giraldo 01/23/2023
Supervised By : Jagrut Upadhyay 01/23/2023

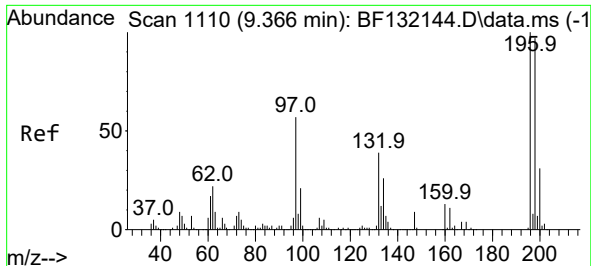


#42
2,4,6-Tribromophenol
Concen: 98.745 ng
RT: 10.936 min Scan# 1377
Delta R.T. 0.000 min
Lab File: BF132160.D
Acq: 20 Jan 2023 14:09



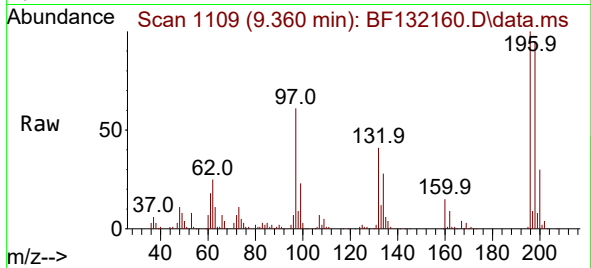
Tgt Ion: 330 Resp: 379364
Ion Ratio Lower Upper
330 100
332 97.2 75.6 113.4
141 34.0 27.1 40.7





#43
2,4,6-Trichlorophenol
Concen: 9.483 ng
RT: 9.360 min Scan# 1110
Delta R.T. -0.006 min
Lab File: BF132160.D
Acq: 20 Jan 2023 14:09

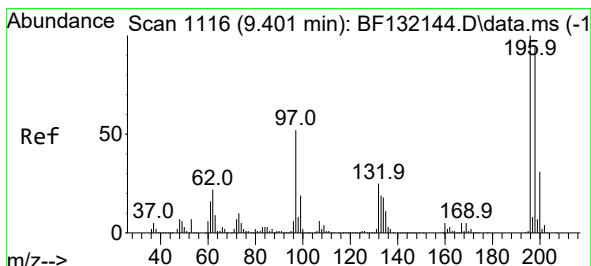
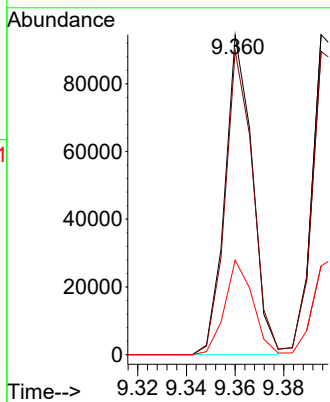
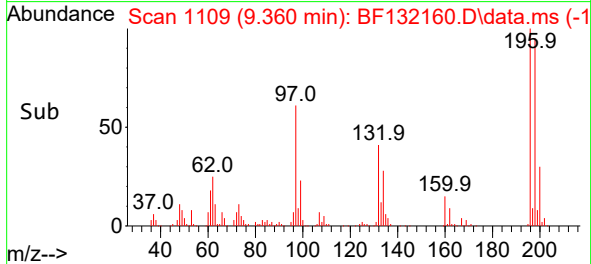
Instrument :
BNA_F
ClientSampleId :
LOQ-WATER-02-QT3-2022



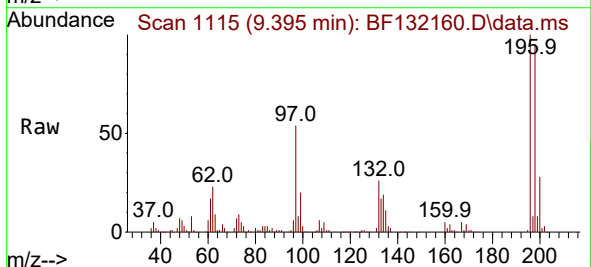
Tgt Ion:196 Resp: 73640
Ion Ratio Lower Upper
196 100
198 95.1 77.4 116.2
200 29.6 24.9 37.3

Manual Integrations
APPROVED

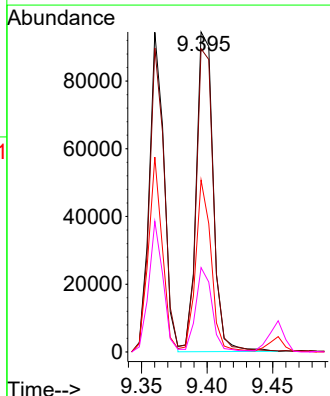
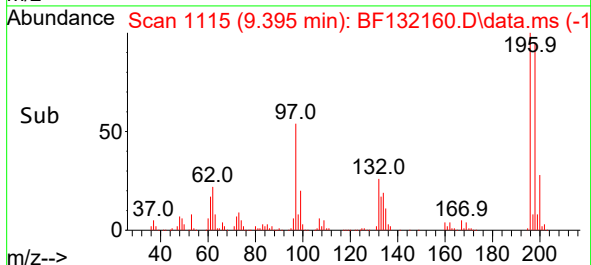
Reviewed By :Christian Giraldo 01/23/2023
Supervised By :Jagrut Upadhyay 01/23/2023

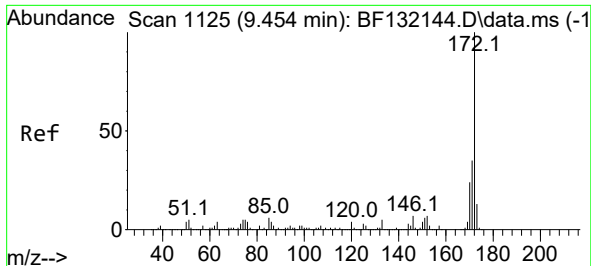


#44
2,4,5-Trichlorophenol
Concen: 9.373 ng
RT: 9.395 min Scan# 1115
Delta R.T. -0.006 min
Lab File: BF132160.D
Acq: 20 Jan 2023 14:09



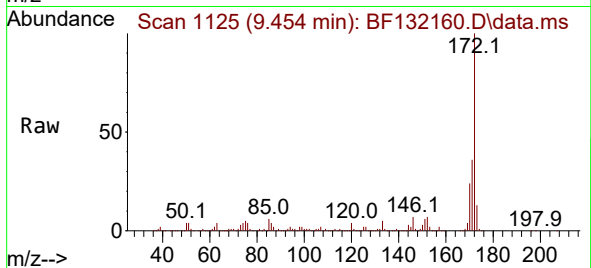
Tgt Ion:196 Resp: 85140
Ion Ratio Lower Upper
196 100
198 94.7 75.3 112.9
97 53.7 41.3 61.9
132 26.4 20.0 30.0





#45
2-Fluorobiphenyl
Concen: 58.120 ng
RT: 9.454 min Scan# 1125
Delta R.T. 0.000 min
Lab File: BF132160.D
Acq: 20 Jan 2023 14:09

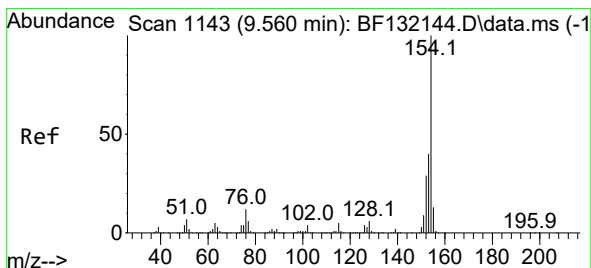
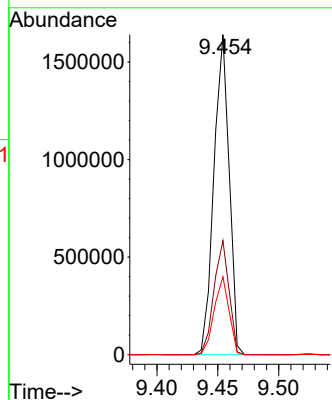
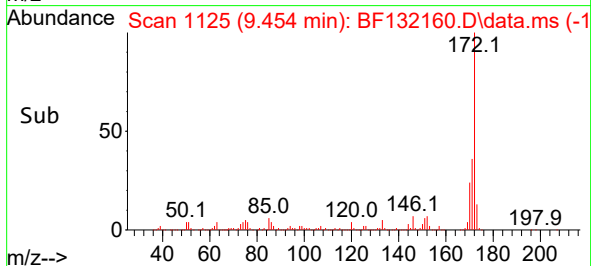
Instrument :
BNA_F
ClientSampleId :
LOQ-WATER-02-QT3-2022



Tgt Ion:172 Resp: 143058
Ion Ratio Lower Upper
172 100
171 35.6 28.2 42.2
170 24.3 19.6 29.4

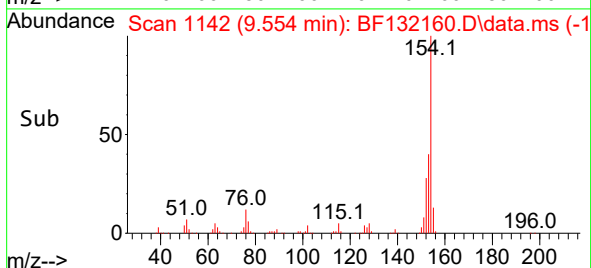
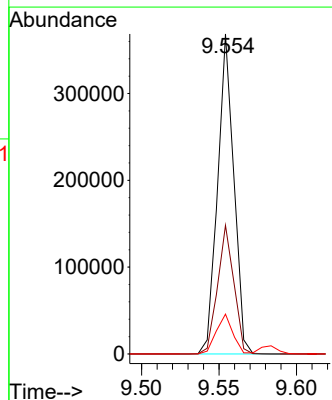
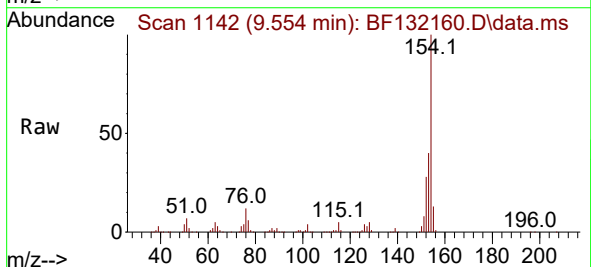
Manual Integrations
APPROVED

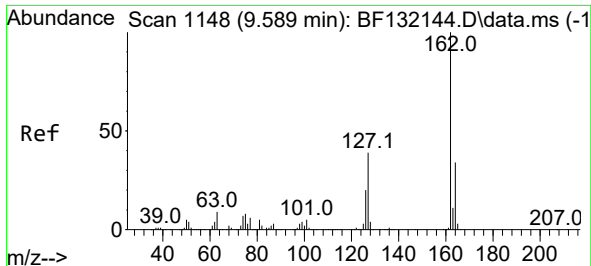
Reviewed By :Christian Giraldo 01/23/2023
Supervised By :Jagrut Upadhyay 01/23/2023



#46
1,1'-Biphenyl
Concen: 9.440 ng
RT: 9.554 min Scan# 1142
Delta R.T. -0.006 min
Lab File: BF132160.D
Acq: 20 Jan 2023 14:09

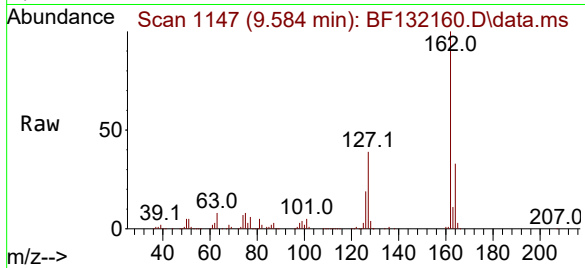
Tgt Ion:154 Resp: 267874
Ion Ratio Lower Upper
154 100
153 40.2 20.2 60.2
76 12.5 0.0 32.2





#47
2-Chloronaphthalene
Concen: 10.455 ng
RT: 9.584 min Scan# 1148
Delta R.T. -0.006 min
Lab File: BF132160.D
Acq: 20 Jan 2023 14:09

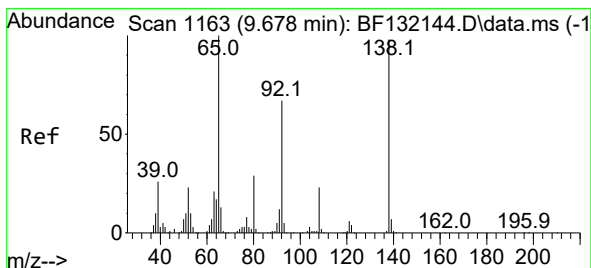
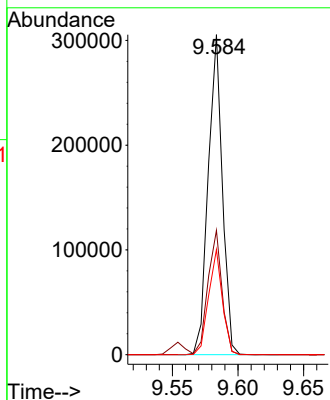
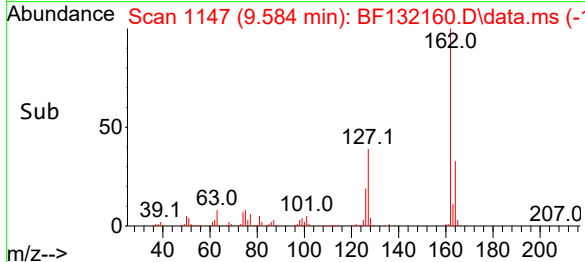
Instrument : BNA_F
ClientSampleId :
LOQ-WATER-02-QT3-2022



Tgt Ion:162 Resp: 229339
Ion Ratio Lower Upper
162 100
127 38.8 31.1 46.7
164 32.9 26.9 40.3

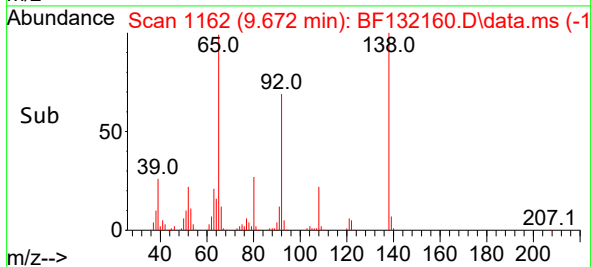
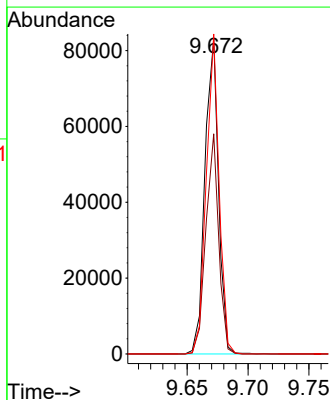
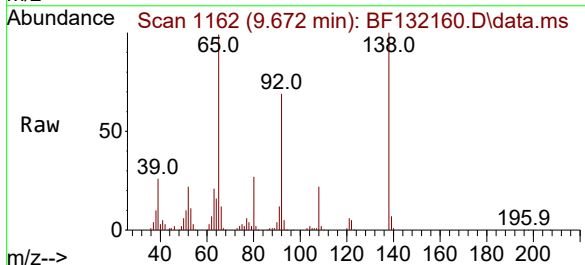
Manual Integrations
APPROVED

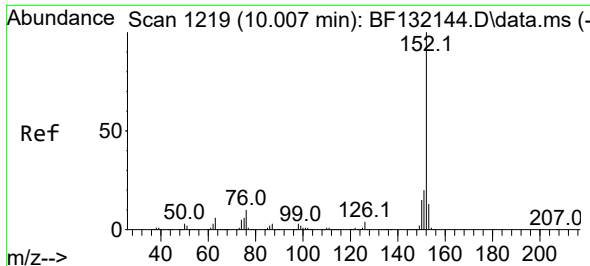
Reviewed By :Christian Giraldo 01/23/2023
Supervised By :Jagrut Upadhyay 01/23/2023



#48
2-Nitroaniline
Concen: 10.188 ng
RT: 9.672 min Scan# 1162
Delta R.T. -0.006 min
Lab File: BF132160.D
Acq: 20 Jan 2023 14:09

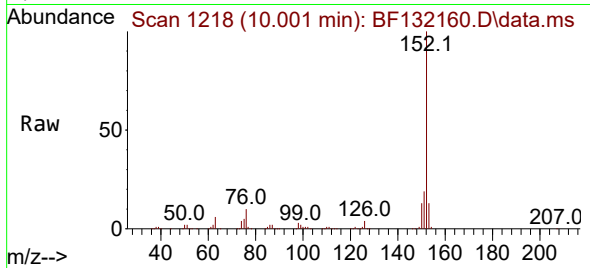
Tgt Ion: 65 Resp: 64343
Ion Ratio Lower Upper
65 100
92 69.8 53.8 80.6
138 101.5 78.7 118.1





#49
Acenaphthylene
Concen: 10.134 ng
RT: 10.001 min Scan# 1191
Delta R.T. -0.006 min
Lab File: BF132160.D
Acq: 20 Jan 2023 14:09

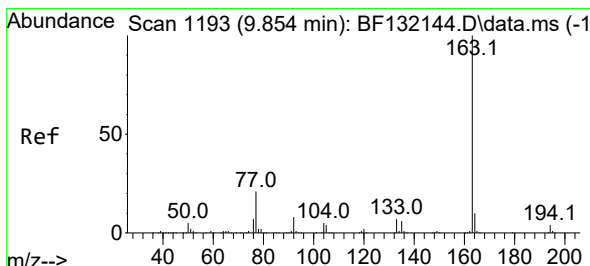
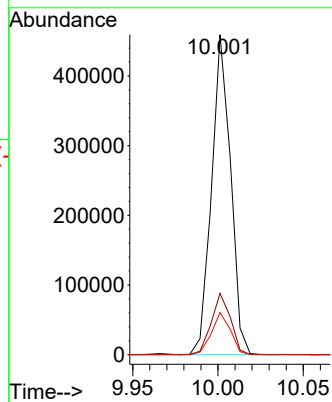
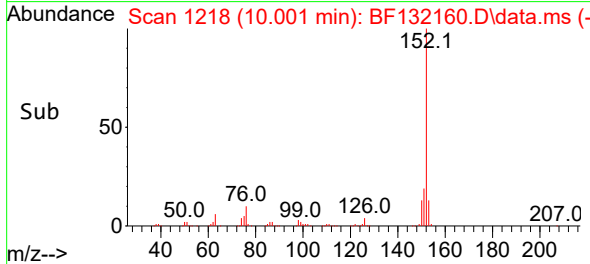
Instrument : BNA_F
ClientSampleId :
LOQ-WATER-02-QT3-2022



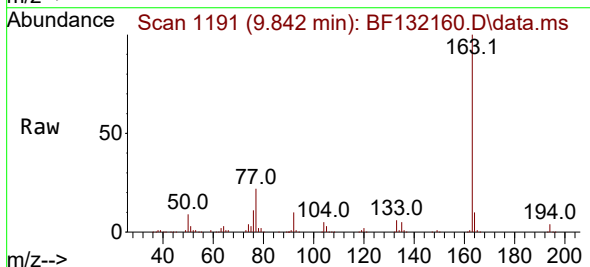
Tgt Ion:152 Resp: 35562
Ion Ratio Lower Upper
152 100
151 19.1 16.4 24.6
153 13.1 10.6 15.8

Manual Integrations
APPROVED

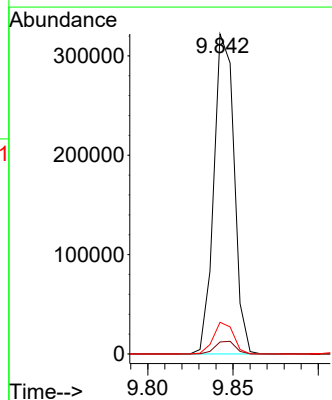
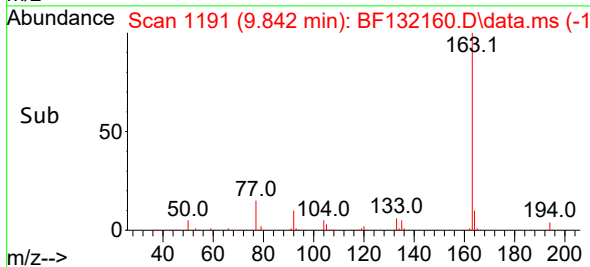
Reviewed By :Christian Giraldo 01/23/2023
Supervised By :Jagrut Upadhyay 01/23/2023

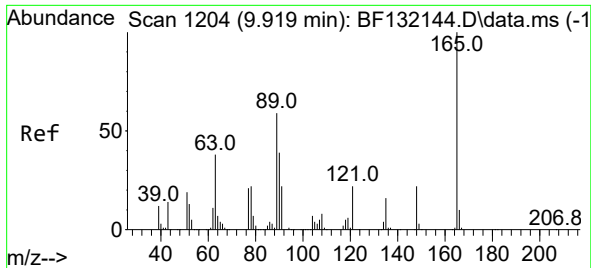


#50
Dimethylphthalate
Concen: 10.244 ng
RT: 9.842 min Scan# 1191
Delta R.T. -0.012 min
Lab File: BF132160.D
Acq: 20 Jan 2023 14:09



Tgt Ion:163 Resp: 266861
Ion Ratio Lower Upper
163 100
194 3.8 3.1 4.7
164 9.9 8.2 12.2





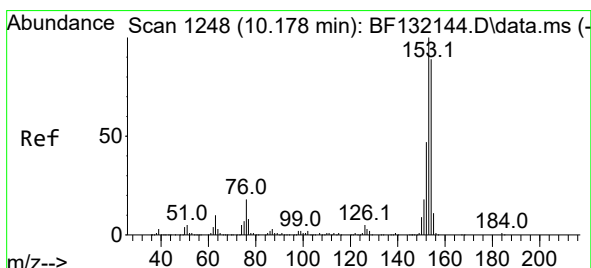
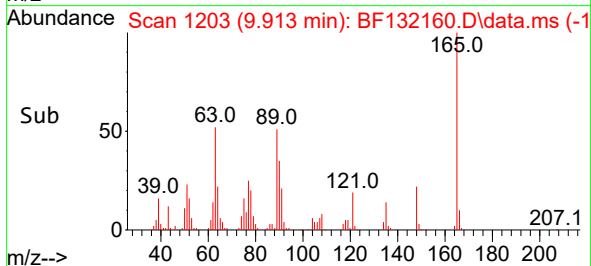
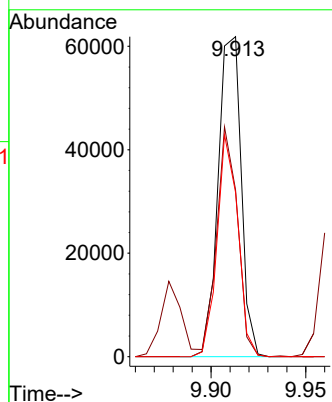
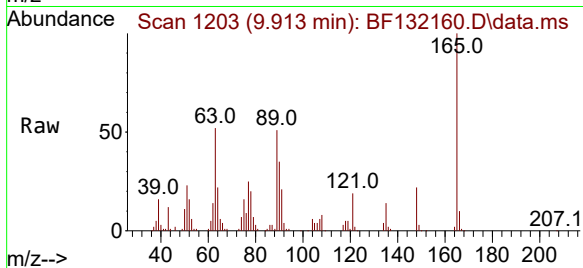
#51
2,6-Dinitrotoluene
Concen: 10.399 ng
RT: 9.913 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF132160.D
Acq: 20 Jan 2023 14:09

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

Tgt Ion:165 Resp: 52500
Ion Ratio Lower Upper
165 100
63 52.1 46.6 70.0
89 51.4 47.4 71.2

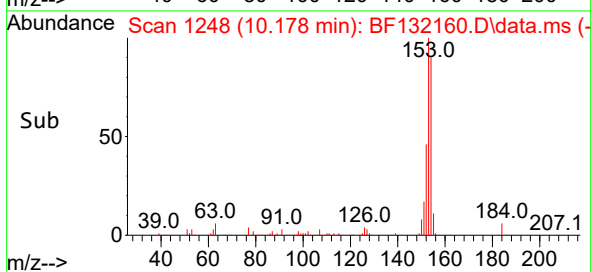
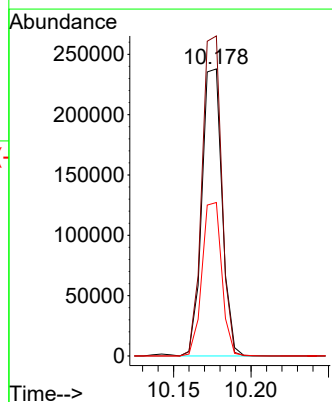
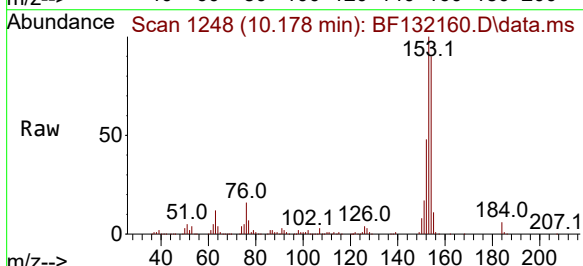
Manual Integrations
APPROVED

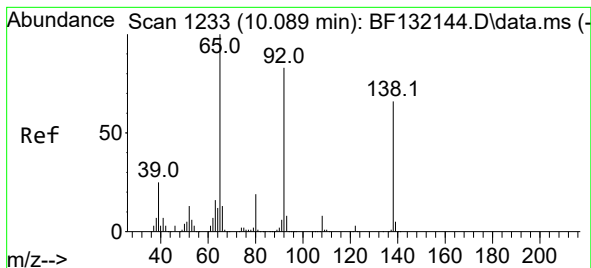
Reviewed By :Christian Giraldo 01/23/2023
Supervised By :Jagrut Upadhyay 01/23/2023



#52
Acenaphthene
Concen: 10.206 ng
RT: 10.178 min Scan# 1248
Delta R.T. 0.000 min
Lab File: BF132160.D
Acq: 20 Jan 2023 14:09

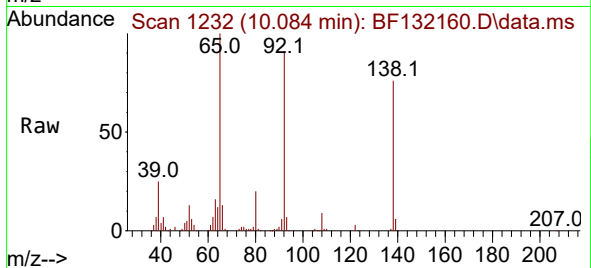
Tgt Ion:154 Resp: 215428
Ion Ratio Lower Upper
154 100
153 111.5 89.8 134.8
152 53.5 42.3 63.5





#53
3-Nitroaniline
Concen: 10.072 ng
RT: 10.084 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF132160.D
Acq: 20 Jan 2023 14:09

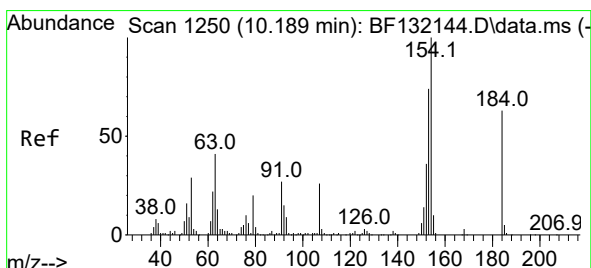
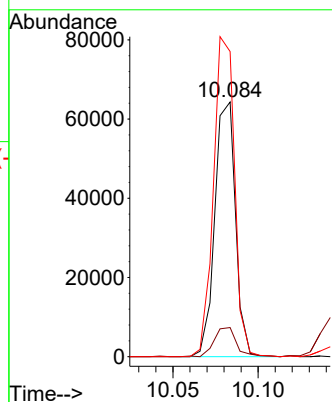
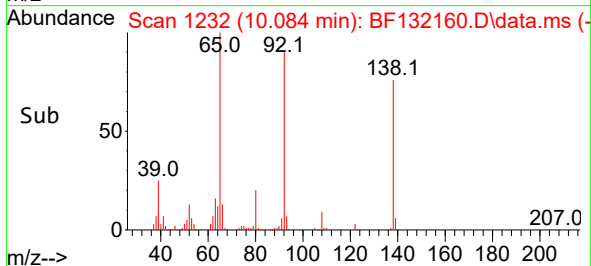
Instrument :
BNA_F
ClientSampleId :
LOQ-WATER-02-QT3-2022



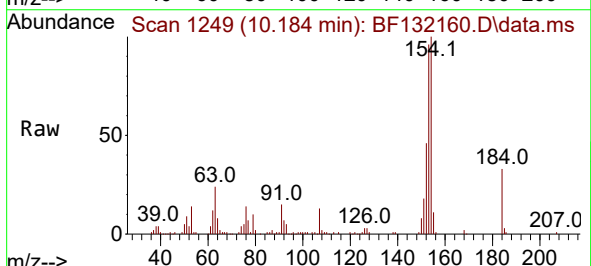
Tgt Ion:138 Resp: 54374
Ion Ratio Lower Upper
138 100
108 11.4 9.1 13.7
92 119.8 101.2 151.8

Manual Integrations
APPROVED

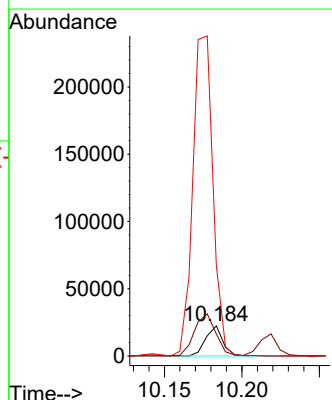
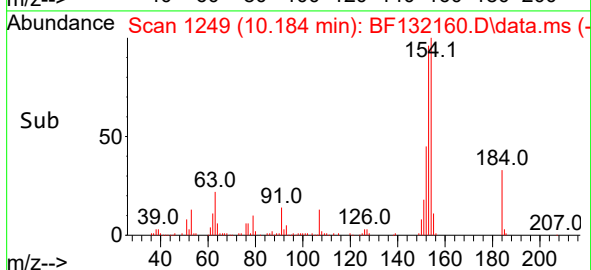
Reviewed By :Christian Giraldo 01/23/2023
Supervised By :Jagrut Upadhyay 01/23/2023

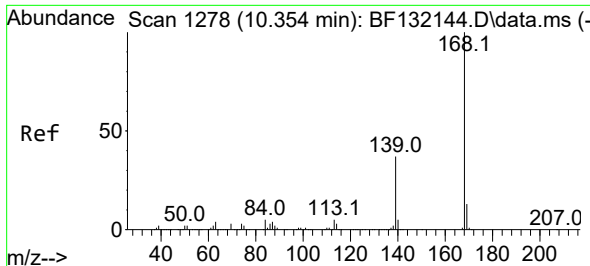


#54
2,4-Dinitrophenol
Concen: 8.753 ng
RT: 10.184 min Scan# 1249
Delta R.T. -0.005 min
Lab File: BF132160.D
Acq: 20 Jan 2023 14:09



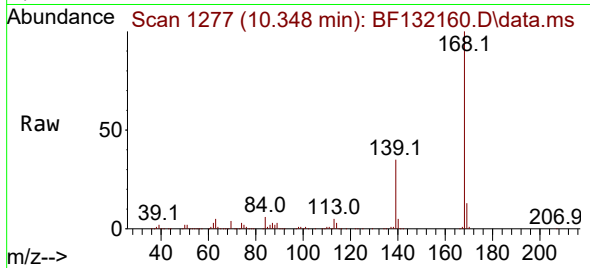
Tgt Ion:184 Resp: 17039
Ion Ratio Lower Upper
184 100
63 72.9 53.2 79.8
154 299.4 129.4 194.0#





#55
Dibenzenofuran
Concen: 10.335 ng
RT: 10.348 min Scan# 1277
Delta R.T. -0.006 min
Lab File: BF132160.D
Acq: 20 Jan 2023 14:09

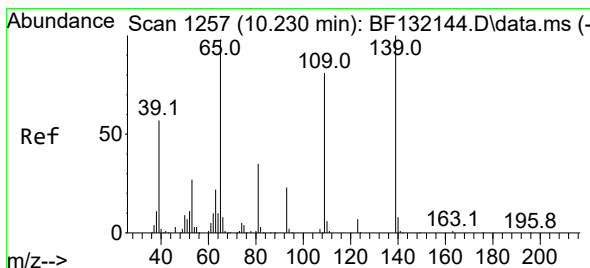
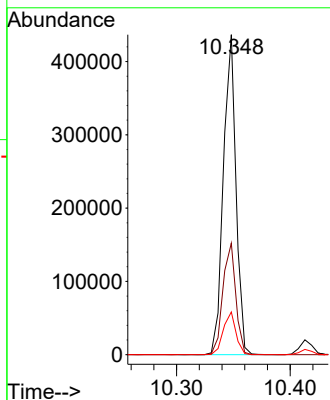
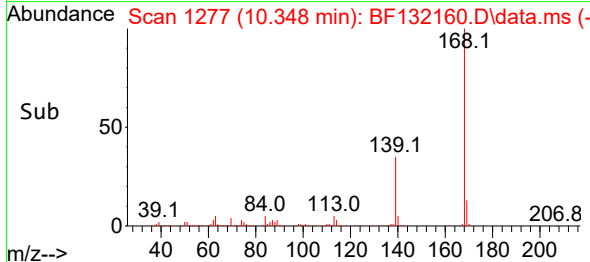
Instrument :
BNA_F
ClientSampleId :
LOQ-WATER-02-QT3-2022



Tgt Ion:168 Resp: 337110
Ion Ratio Lower Upper
168 100
139 34.9 29.8 44.8
169 13.3 10.3 15.5

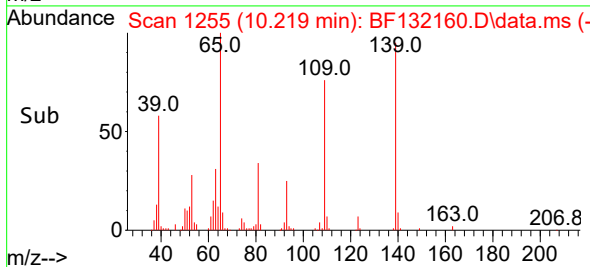
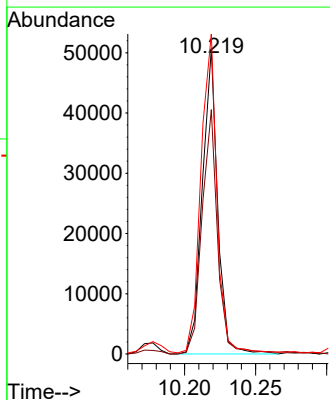
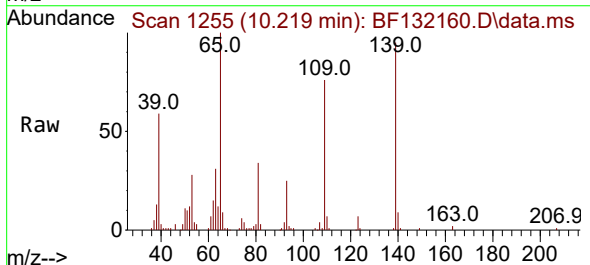
Manual Integrations
APPROVED

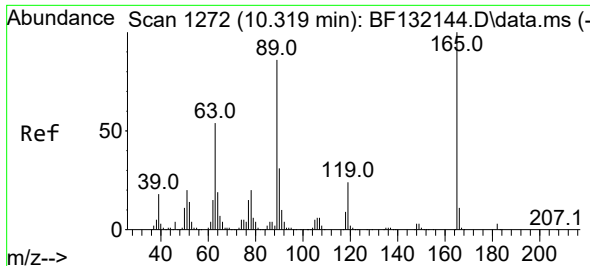
Reviewed By :Christian Giraldo 01/23/2023
Supervised By :Jagrut Upadhyay 01/23/2023



#56
4-Nitrophenol
Concen: 9.698 ng
RT: 10.219 min Scan# 1255
Delta R.T. -0.012 min
Lab File: BF132160.D
Acq: 20 Jan 2023 14:09

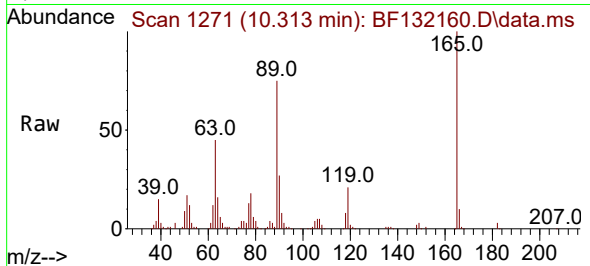
Tgt Ion:139 Resp: 38102
Ion Ratio Lower Upper
139 100
109 80.0 61.0 101.0
65 104.8 79.3 119.3





#57
2,4-Dinitrotoluene
Concen: 10.694 ng
RT: 10.313 min Scan# 1271
Delta R.T. -0.006 min
Lab File: BF132160.D
Acq: 20 Jan 2023 14:09

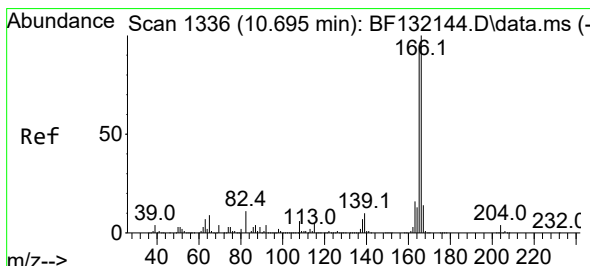
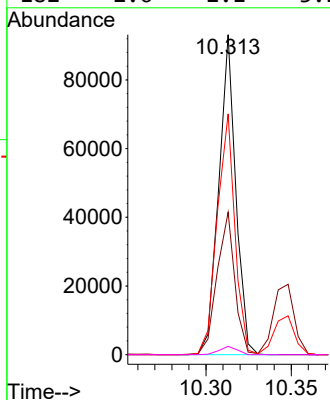
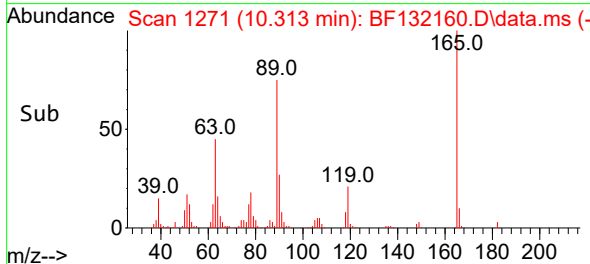
Instrument :
BNA_F
ClientSampleId :
LOQ-WATER-02-QT3-2022



Tgt Ion:165 Resp: 6481
Ion Ratio Lower Upper
165 100
63 44.5 43.5 65.3
89 75.2 69.0 103.6
182 2.6 2.1 3.1

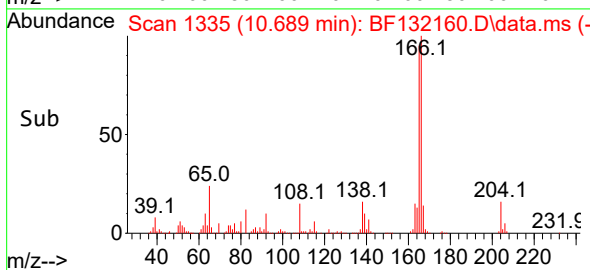
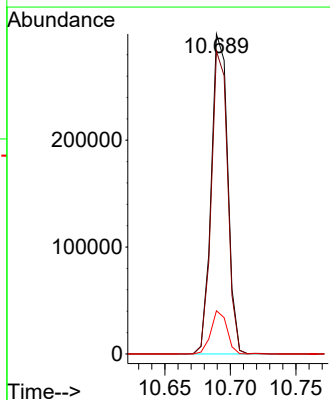
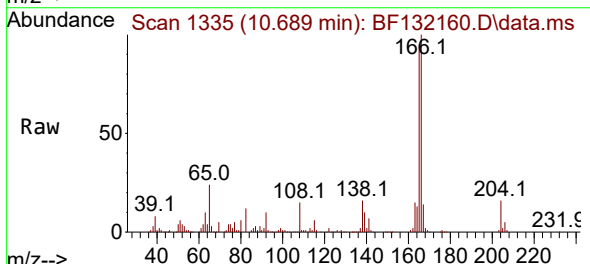
Manual Integrations
APPROVED

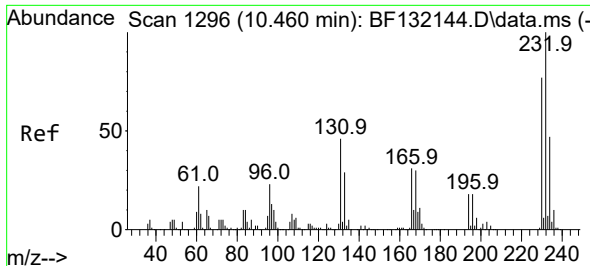
Reviewed By :Christian Giraldo 01/23/2023
Supervised By :Jagrut Upadhyay 01/23/2023



#58
Fluorene
Concen: 10.806 ng
RT: 10.689 min Scan# 1335
Delta R.T. -0.006 min
Lab File: BF132160.D
Acq: 20 Jan 2023 14:09

Tgt Ion:166 Resp: 261184
Ion Ratio Lower Upper
166 100
165 94.6 76.4 114.6
167 13.5 11.0 16.4





#59

2,3,4,6-Tetrachlorophenol

Concen: 10.100 ng

RT: 10.460 min Scan# 1296

Delta R.T. 0.000 min

Lab File: BF132160.D

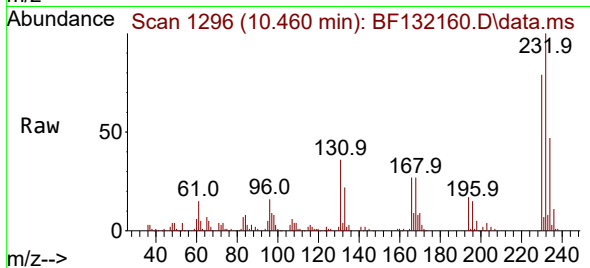
Acq: 20 Jan 2023 14:09

Instrument :

BNA_F

ClientSampleId :

LOQ-WATER-02-QT3-2022



Tgt Ion:232 Resp: 6978

Ion Ratio Lower Upper

232 100

131 40.1 33.8 50.6

130 2.0 1.9 2.9

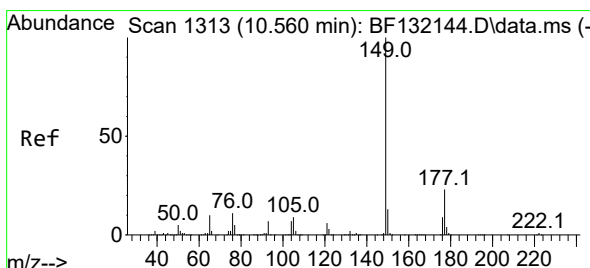
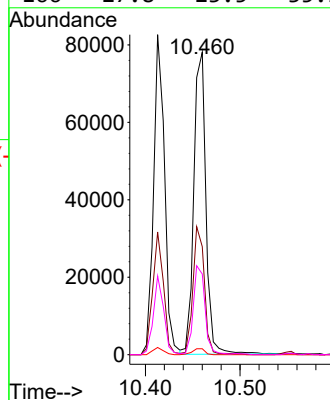
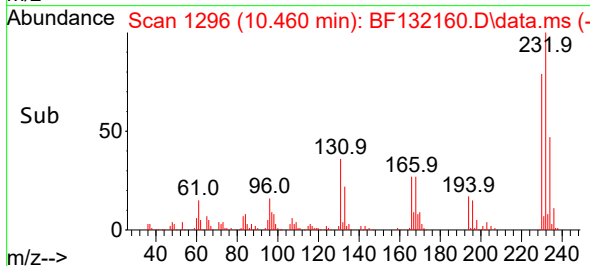
166 27.8 23.5 35.3

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 01/23/2023

Supervised By :Jagrut Upadhyay 01/23/2023



#60

Diethylphthalate

Concen: 10.166 ng

RT: 10.554 min Scan# 1312

Delta R.T. -0.006 min

Lab File: BF132160.D

Acq: 20 Jan 2023 14:09

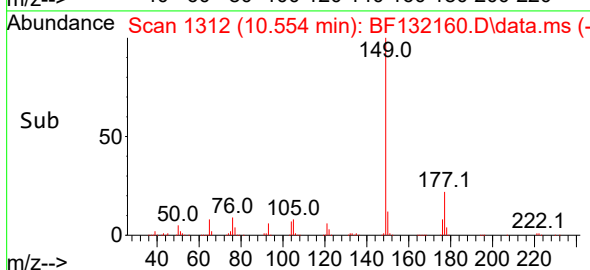
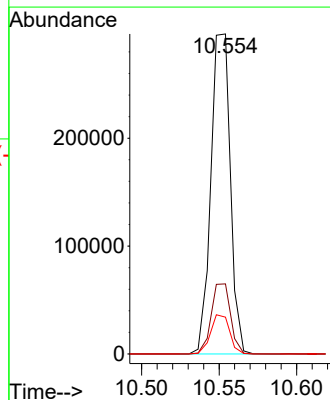
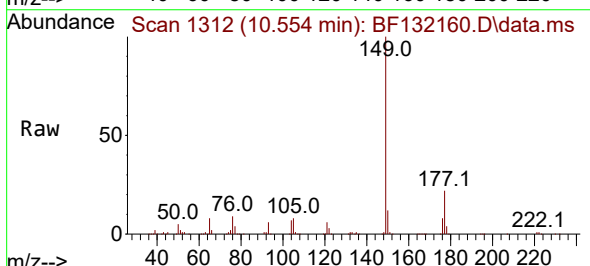
Tgt Ion:149 Resp: 259700

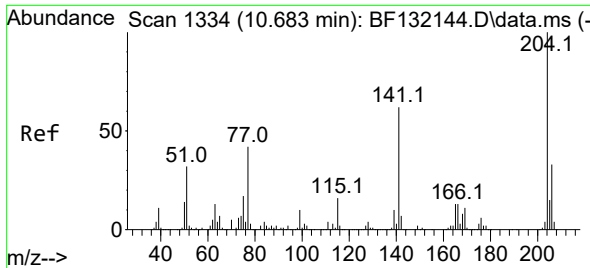
Ion Ratio Lower Upper

149 100

177 21.9 18.4 27.6

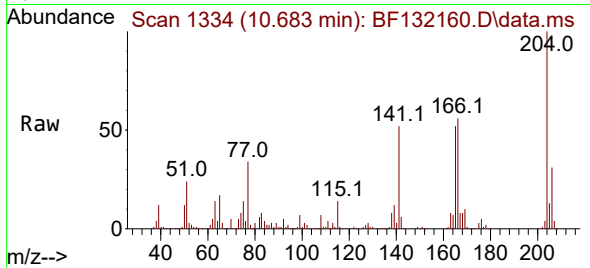
150 11.5 10.1 15.1





#61
4-Chlorophenyl-phenylether
Concen: 10.540 ng
RT: 10.683 min Scan# 1334
Delta R.T. 0.000 min
Lab File: BF132160.D
Acq: 20 Jan 2023 14:09

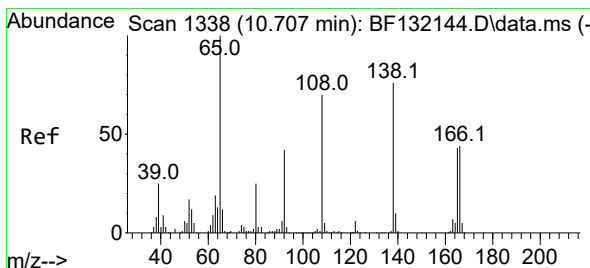
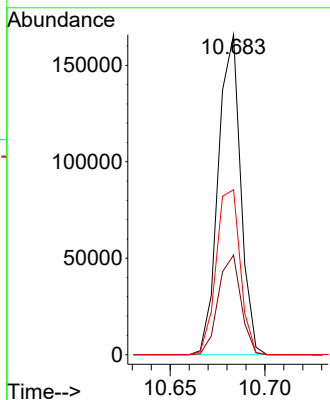
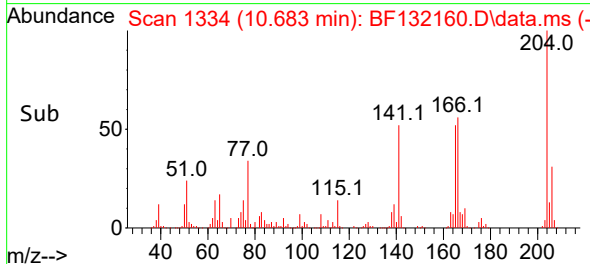
Instrument :
BNA_F
ClientSampleId :
LOQ-WATER-02-QT3-2022



Tgt Ion:204 Resp: 136400
Ion Ratio Lower Upper
204 100
206 31.1 26.4 39.6
141 51.5 49.2 73.8

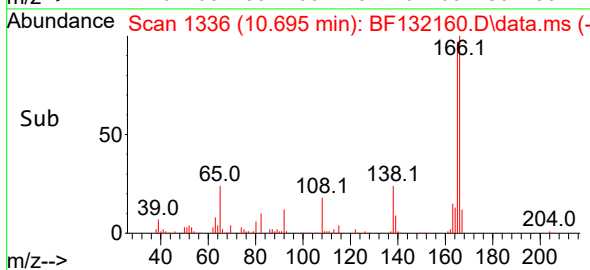
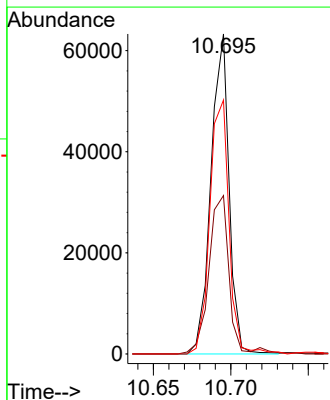
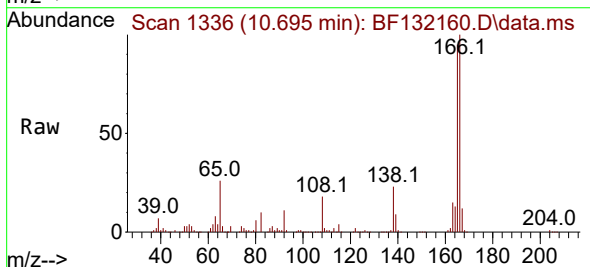
Manual Integrations
APPROVED

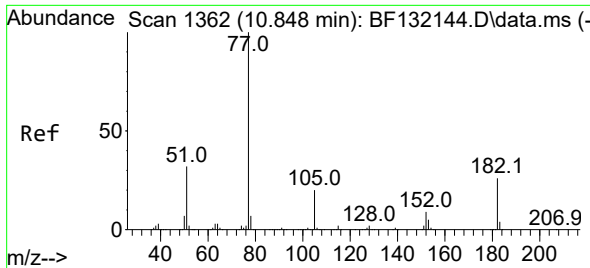
Reviewed By :Christian Giraldo 01/23/2023
Supervised By :Jagrut Upadhyay 01/23/2023



#62
4-Nitroaniline
Concen: 10.224 ng
RT: 10.695 min Scan# 1336
Delta R.T. -0.012 min
Lab File: BF132160.D
Acq: 20 Jan 2023 14:09

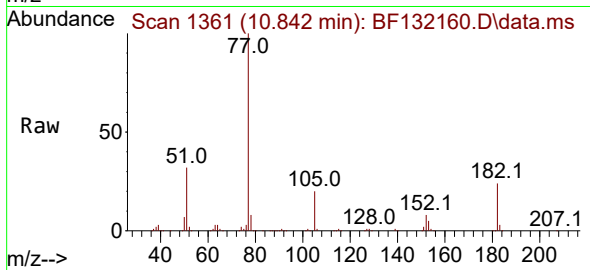
Tgt Ion:138 Resp: 51385
Ion Ratio Lower Upper
138 100
92 49.5 35.9 75.9
108 79.4 72.0 112.0





#63
Azobenzene
Concen: 9.955 ng
RT: 10.842 min Scan# 1362
Delta R.T. -0.006 min
Lab File: BF132160.D
Acq: 20 Jan 2023 14:09

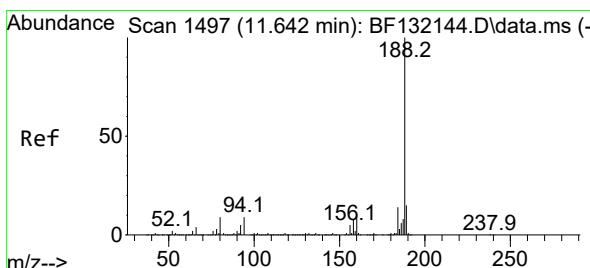
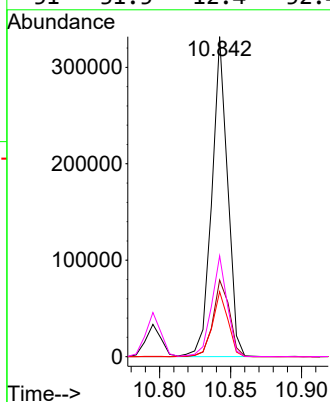
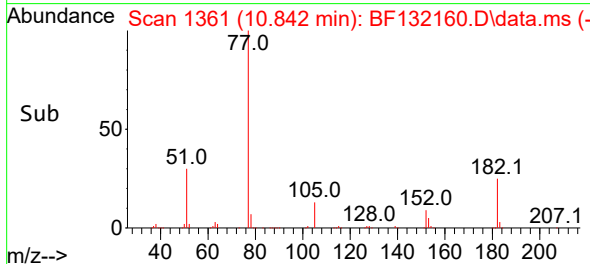
Instrument : BNA_F
ClientSampleId :
LOQ-WATER-02-QT3-2022



Tgt Ion: 77 Resp: 255214
Ion Ratio Lower Upper
77 100
182 24.0 6.4 46.4
105 20.3 0.0 39.8
51 31.5 12.4 52.4

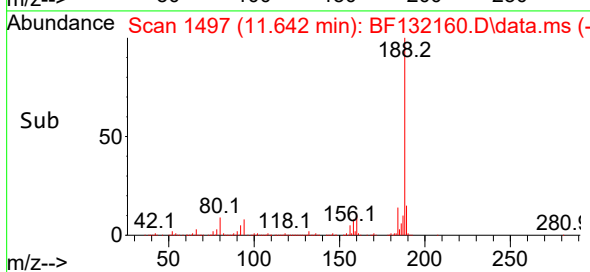
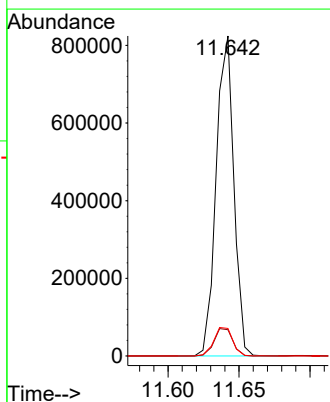
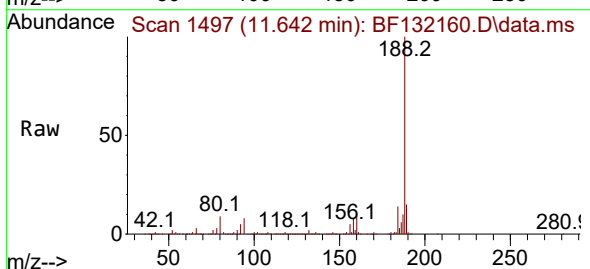
Manual Integrations
APPROVED

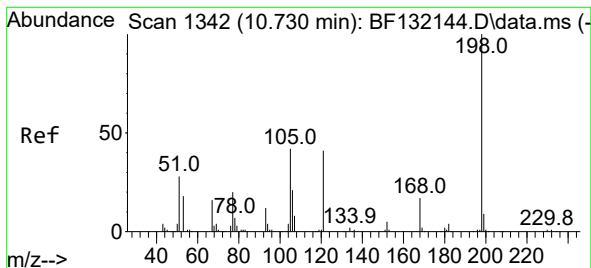
Reviewed By :Christian Giraldo 01/23/2023
Supervised By :Jagrut Upadhyay 01/23/2023



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.642 min Scan# 1497
Delta R.T. 0.000 min
Lab File: BF132160.D
Acq: 20 Jan 2023 14:09

Tgt Ion:188 Resp: 713087
Ion Ratio Lower Upper
188 100
94 8.2 6.9 10.3
80 8.6 7.5 11.3





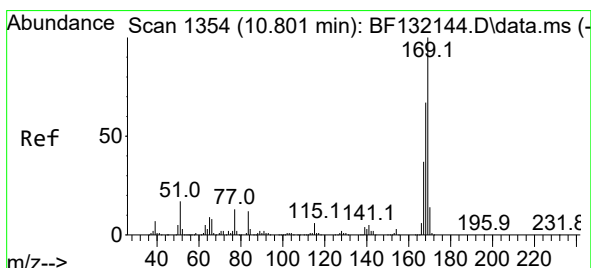
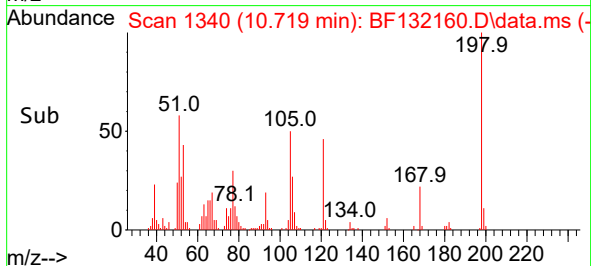
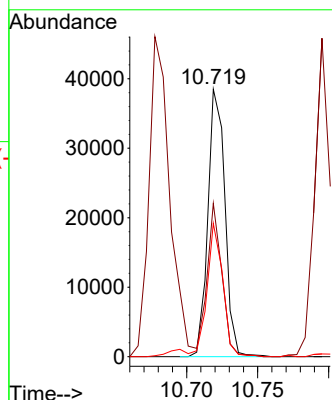
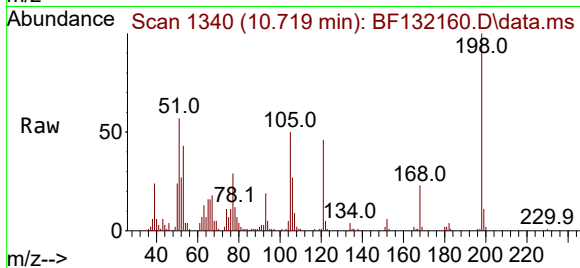
#65
4,6-Dinitro-2-methylphenol
Concen: 10.392 ng
RT: 10.719 min Scan# 1342
Delta R.T. -0.011 min
Lab File: BF132160.D
Acq: 20 Jan 2023 14:09

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

Tgt Ion:198 Resp: 32129
Ion Ratio Lower Upper
198 100
51 57.3 24.3 64.3
105 49.8 23.3 63.3

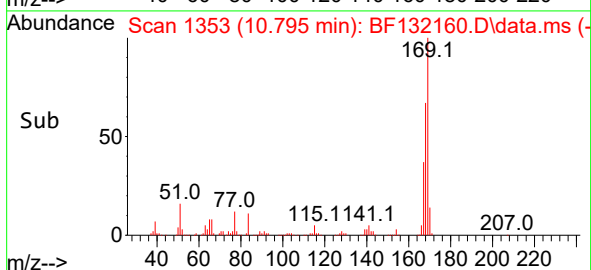
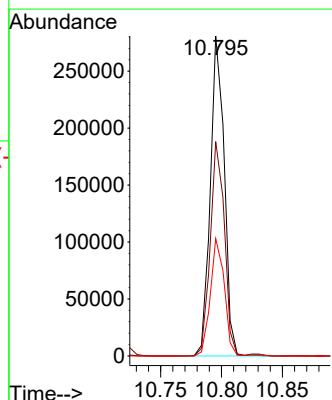
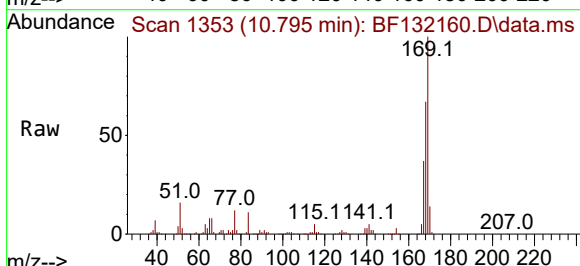
Manual Integrations
APPROVED

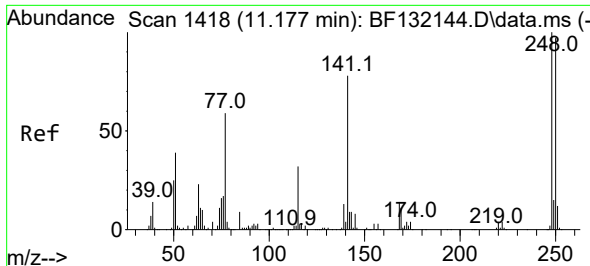
Reviewed By :Christian Giraldo 01/23/2023
Supervised By :Jagrut Upadhyay 01/23/2023



#66
n-Nitrosodiphenylamine
Concen: 9.751 ng
RT: 10.795 min Scan# 1353
Delta R.T. -0.006 min
Lab File: BF132160.D
Acq: 20 Jan 2023 14:09

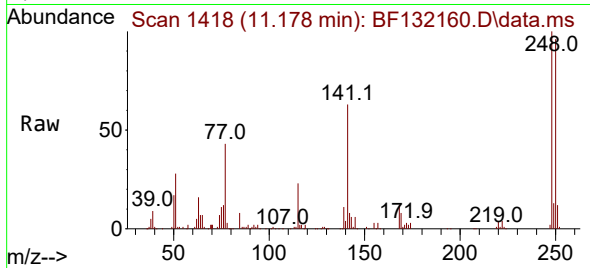
Tgt Ion:169 Resp: 222683
Ion Ratio Lower Upper
169 100
168 67.0 53.4 80.0
167 36.7 29.7 44.5





#67
4-Bromophenyl-phenylether
Concen: 9.506 ng
RT: 11.178 min Scan# 1418
Delta R.T. 0.000 min
Lab File: BF132160.D
Acq: 20 Jan 2023 14:09

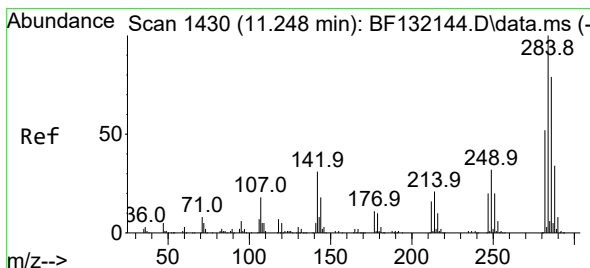
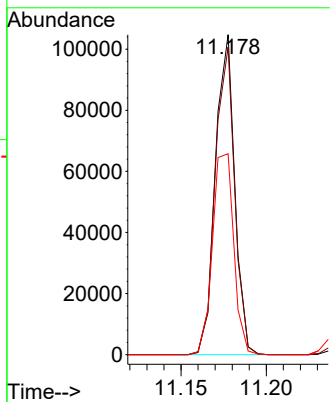
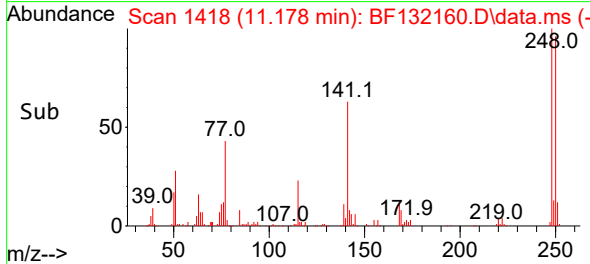
Instrument :
BNA_F
ClientSampleId :
LOQ-WATER-02-QT3-2022



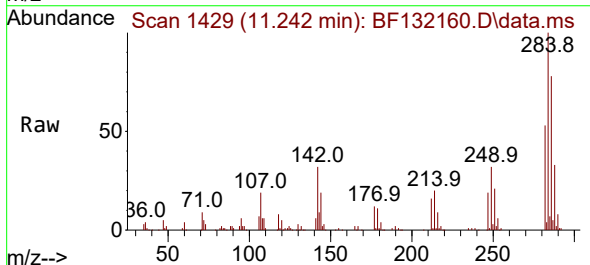
Tgt Ion:248 Resp: 8262
Ion Ratio Lower Upper
248 100
250 96.2 77.4 116.0
141 62.8 62.2 93.2

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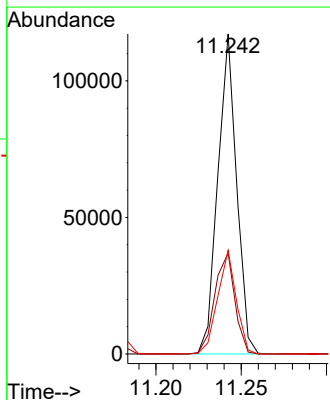
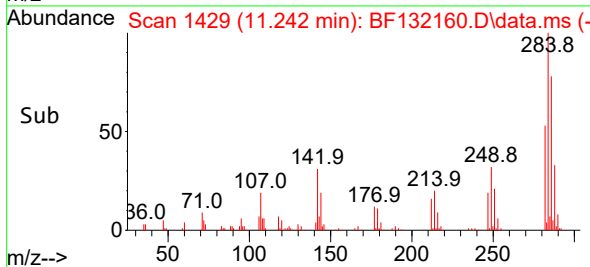
Reviewed By :Christian Giraldo 01/23/2023
Supervised By :Jagrut Upadhyay 01/23/2023

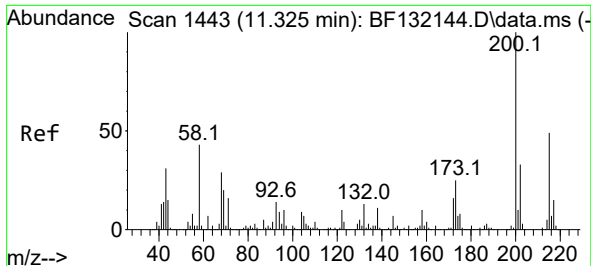


#68
Hexachlorobenzene
Concen: 10.411 ng
RT: 11.242 min Scan# 1429
Delta R.T. -0.006 min
Lab File: BF132160.D
Acq: 20 Jan 2023 14:09



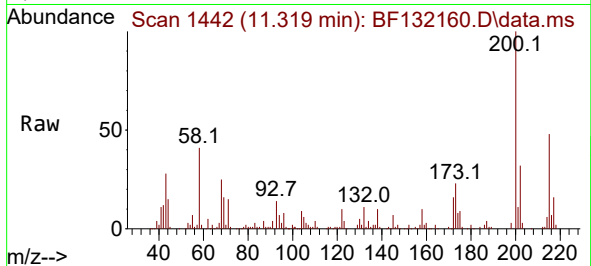
Tgt Ion:284 Resp: 89932
Ion Ratio Lower Upper
284 100
142 31.5 24.7 37.1
249 32.4 25.6 38.4





#69
Atrazine
Concen: 9.402 ng
RT: 11.319 min Scan# 1442
Delta R.T. -0.006 min
Lab File: BF132160.D
Acq: 20 Jan 2023 14:09

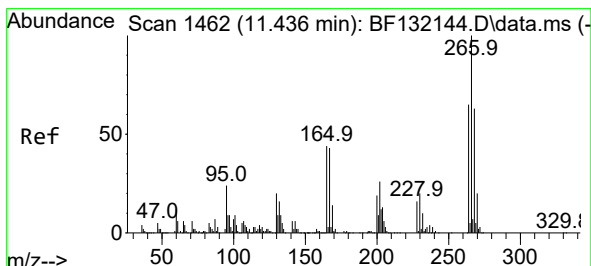
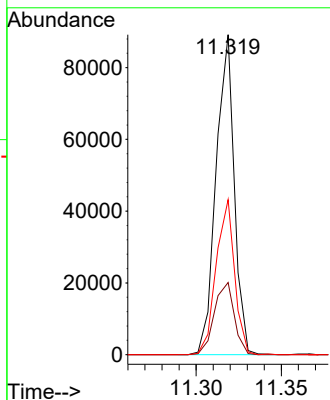
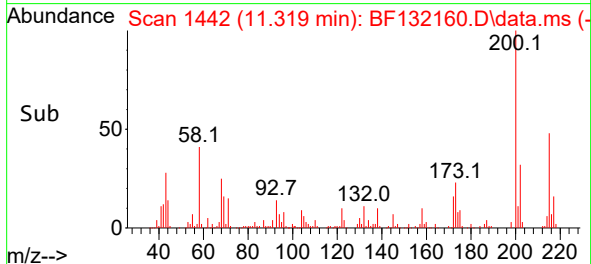
Instrument :
BNA_F
ClientSampleId :
LOQ-WATER-02-QT3-2022



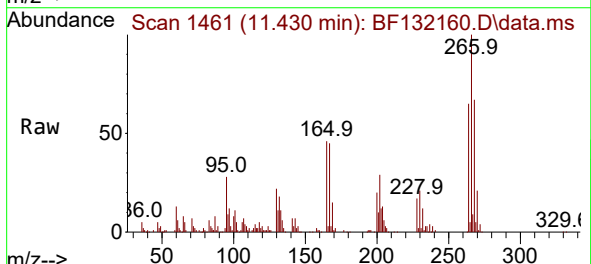
Tgt Ion:200 Resp: 66245
Ion Ratio Lower Upper
200 100
173 22.6 5.0 45.0
215 48.5 28.6 68.6

Manual Integrations
APPROVED

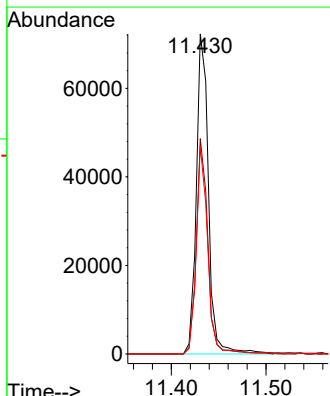
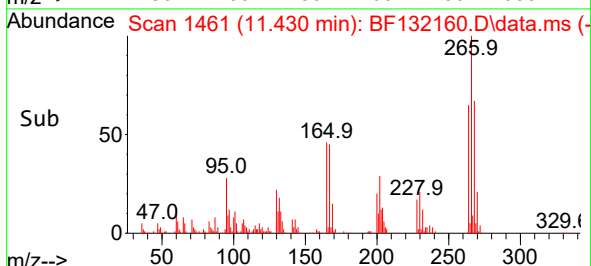
Reviewed By :Christian Giraldo 01/23/2023
Supervised By :Jagrut Upadhyay 01/23/2023

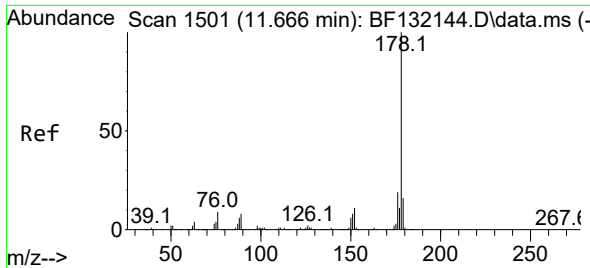


#70
Pentachlorophenol
Concen: 11.668 ng
RT: 11.430 min Scan# 1461
Delta R.T. -0.006 min
Lab File: BF132160.D
Acq: 20 Jan 2023 14:09



Tgt Ion:266 Resp: 64770
Ion Ratio Lower Upper
266 100
268 67.3 50.8 76.2
264 64.9 52.3 78.5





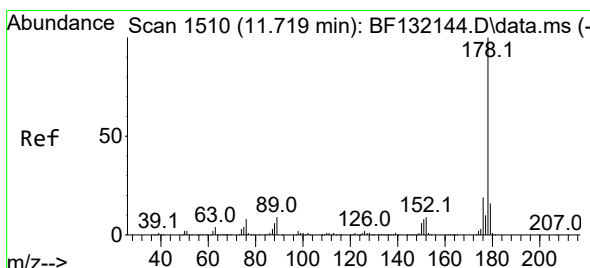
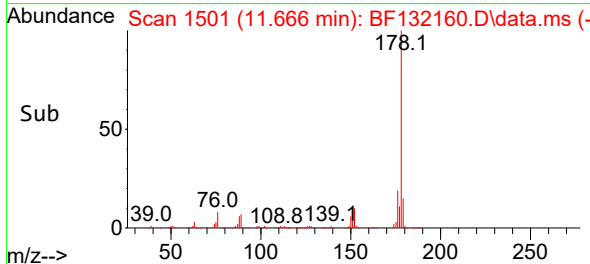
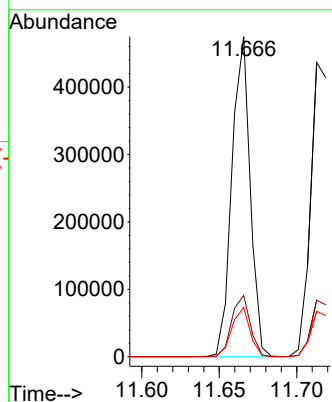
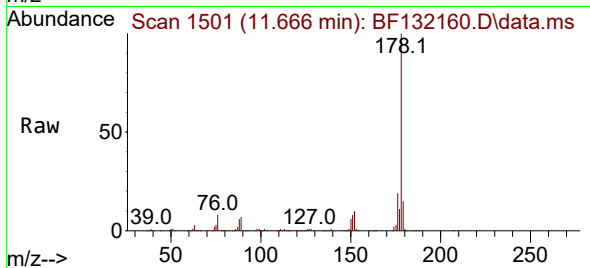
#71
Phenanthrene
Concen: 10.392 ng
RT: 11.666 min Scan# 1501
Delta R.T. 0.000 min
Lab File: BF132160.D
Acq: 20 Jan 2023 14:09

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

Tgt Ion:178 Resp: 388898
Ion Ratio Lower Upper
178 100
176 19.2 15.5 23.3
179 15.4 12.6 19.0

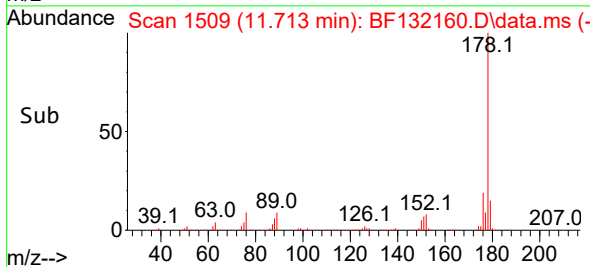
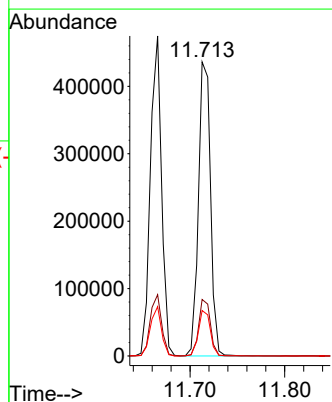
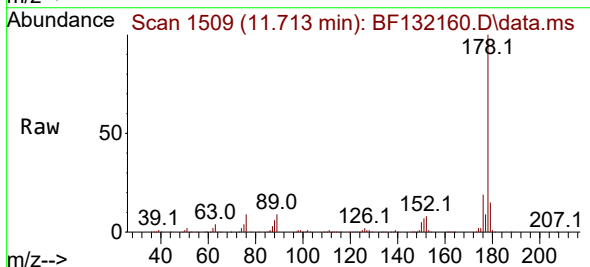
Manual Integrations
APPROVED

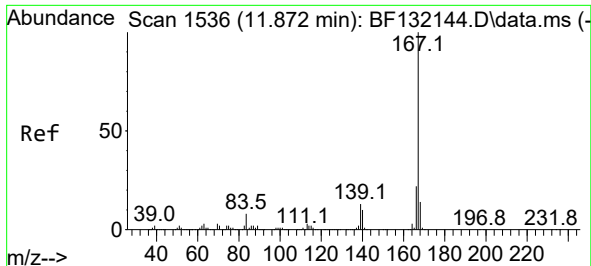
Reviewed By :Christian Giraldo 01/23/2023
Supervised By :Jagrut Upadhyay 01/23/2023



#72
Anthracene
Concen: 10.255 ng
RT: 11.713 min Scan# 1509
Delta R.T. -0.006 min
Lab File: BF132160.D
Acq: 20 Jan 2023 14:09

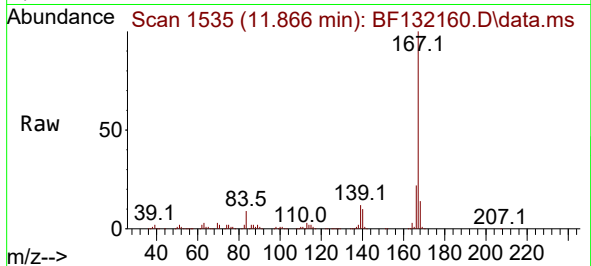
Tgt Ion:178 Resp: 388242
Ion Ratio Lower Upper
178 100
176 19.2 15.3 22.9
179 15.4 12.6 18.8





#73
 Carbazole
 Concen: 10.637 ng
 RT: 11.866 min Scan# 1536
 Delta R.T. -0.006 min
 Lab File: BF132160.D
 Acq: 20 Jan 2023 14:09

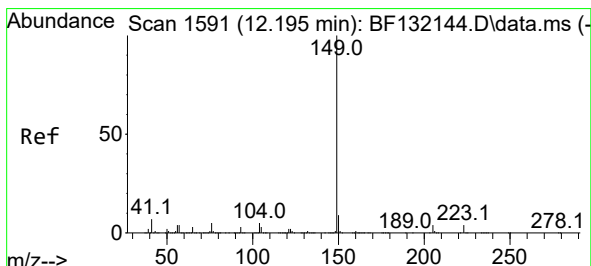
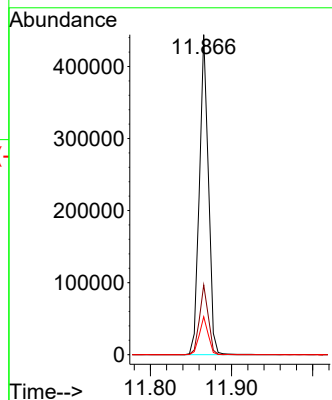
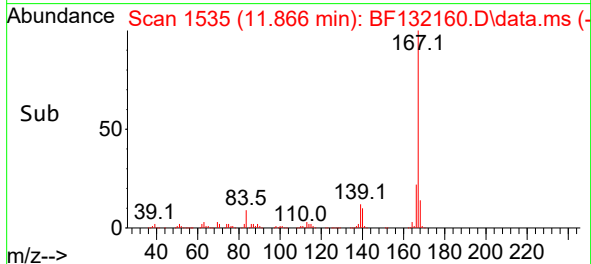
Instrument :
 BNA_F
 ClientSampleId :
 LOQ-WATER-02-QT3-2022



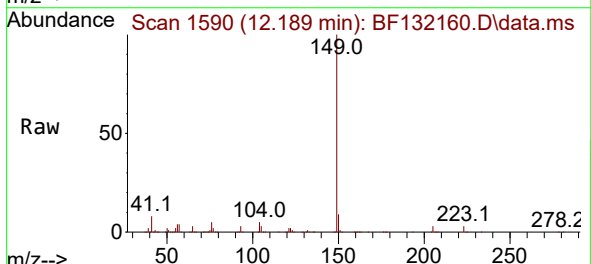
Tgt Ion:167 Resp: 343982
 Ion Ratio Lower Upper
 167 100
 166 21.8 17.7 26.5
 139 11.9 10.5 15.7

Manual Integrations
 APPROVED

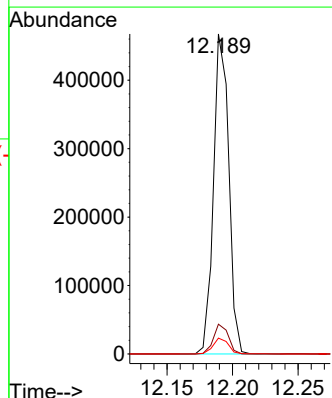
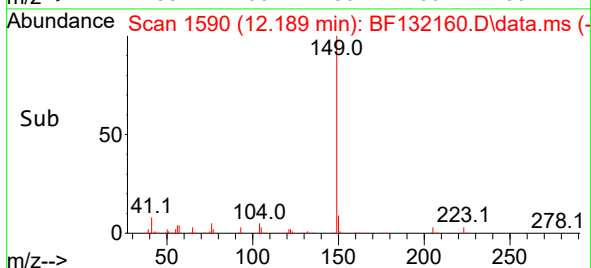
Reviewed By :Christian Giraldo 01/23/2023
 Supervised By :Jagrut Upadhyay 01/23/2023

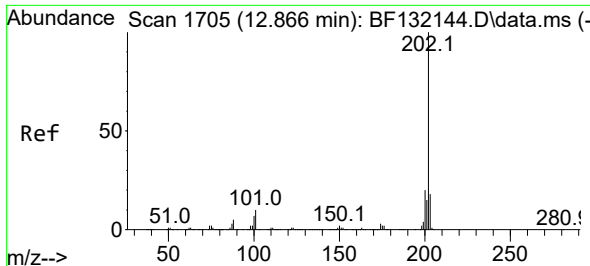


#74
 Di-n-butylphthalate
 Concen: 10.510 ng
 RT: 12.189 min Scan# 1590
 Delta R.T. -0.006 min
 Lab File: BF132160.D
 Acq: 20 Jan 2023 14:09



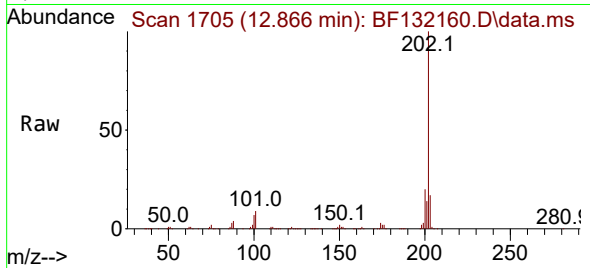
Tgt Ion:149 Resp: 378355
 Ion Ratio Lower Upper
 149 100
 150 9.3 7.5 11.3
 104 5.0 4.3 6.5





#75
Fluoranthene
Concen: 10.841 ng
RT: 12.866 min Scan# 11
Delta R.T. -0.000 min
Lab File: BF132160.D
Acq: 20 Jan 2023 14:09

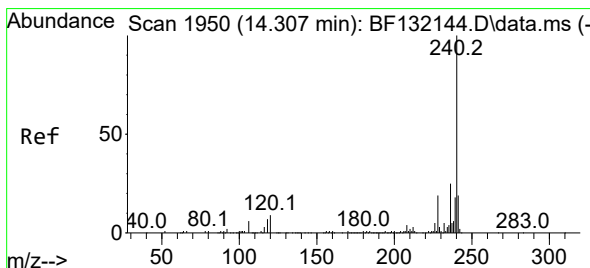
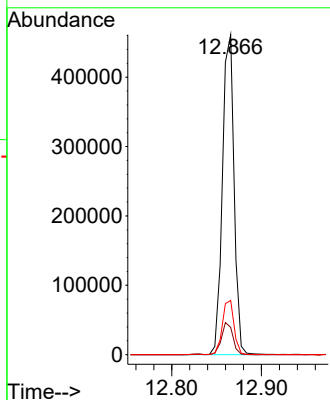
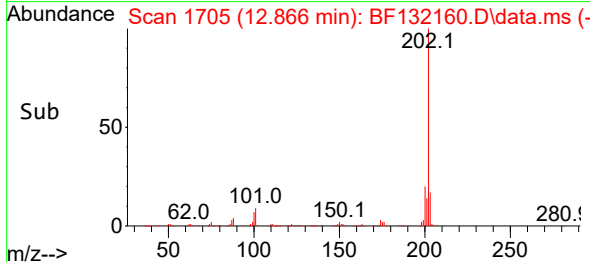
Instrument :
BNA_F
ClientSampleId :
LOQ-WATER-02-QT3-2022



Tgt Ion:202 Resp: 416700
Ion Ratio Lower Upper
202 100
101 8.6 0.0 29.6
203 16.9 0.0 37.9

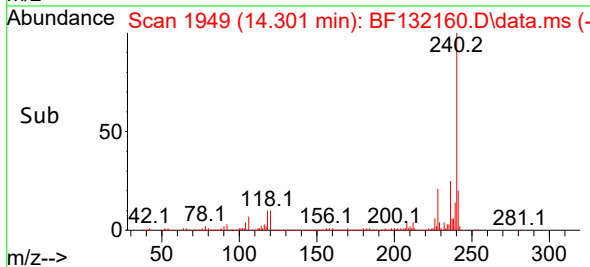
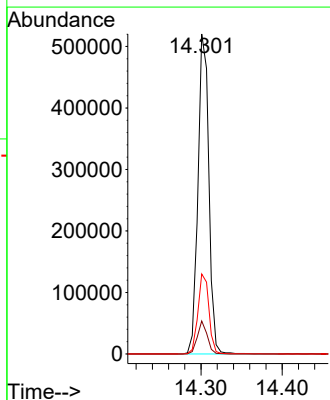
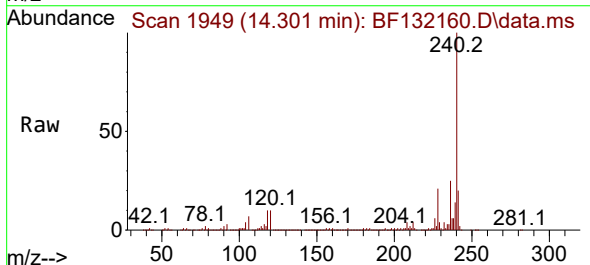
Manual Integrations
APPROVED

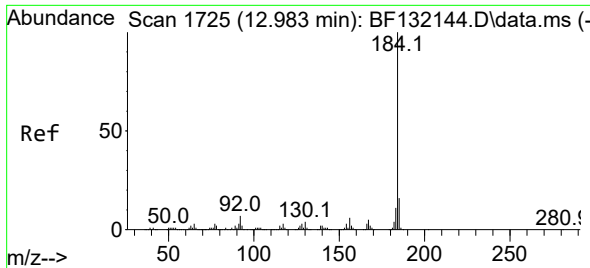
Reviewed By :Christian Giraldo 01/23/2023
Supervised By :Jagrut Upadhyay 01/23/2023



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.301 min Scan# 1949
Delta R.T. -0.006 min
Lab File: BF132160.D
Acq: 20 Jan 2023 14:09

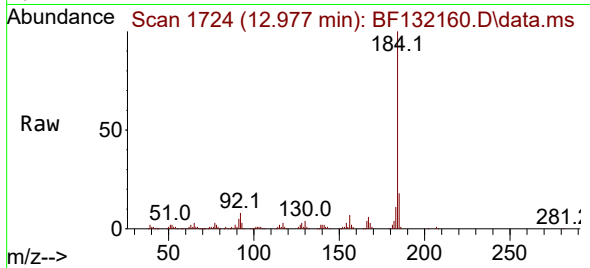
Tgt Ion:240 Resp: 485482
Ion Ratio Lower Upper
240 100
120 10.3 6.9 10.3
236 25.0 20.3 30.5





#77
Benzidine
Concen: 9.269 ng
RT: 12.977 min Scan# 1724
Delta R.T. -0.006 min
Lab File: BF132160.D
Acq: 20 Jan 2023 14:09

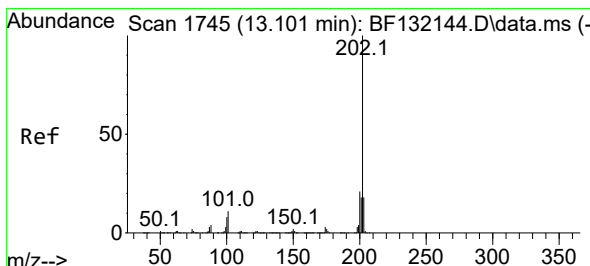
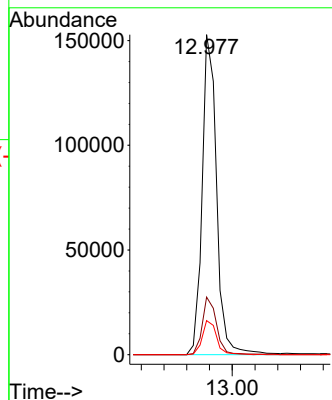
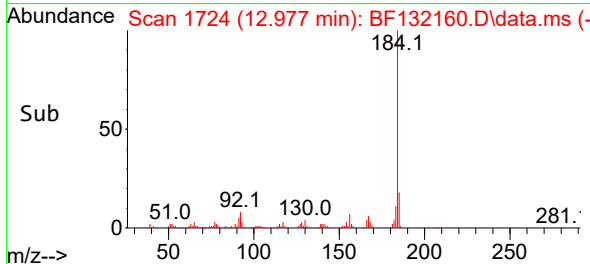
Instrument :
BNA_F
ClientSampleId :
LOQ-WATER-02-QT3-2022



Tgt Ion:184 Resp: 135104
Ion Ratio Lower Upper
184 100
185 18.0 12.5 18.7
183 10.7 9.0 13.4

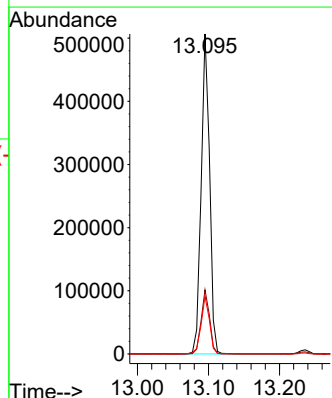
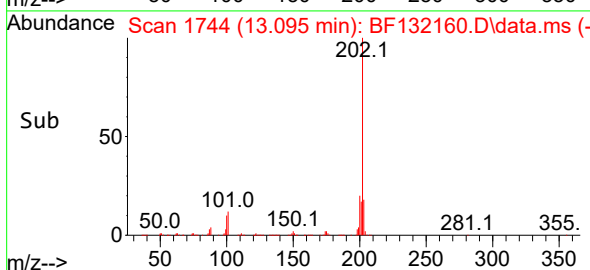
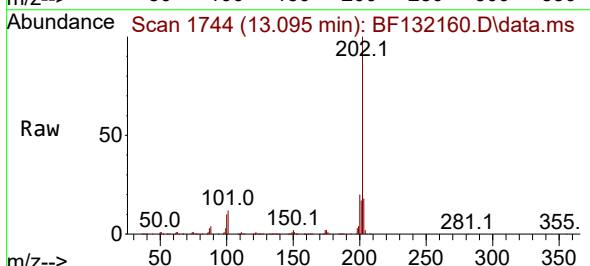
Manual Integrations
APPROVED

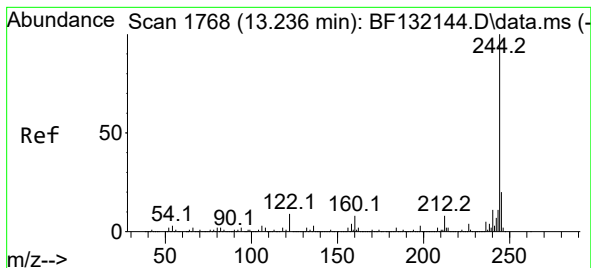
Reviewed By :Christian Giraldo 01/23/2023
Supervised By :Jagrut Upadhyay 01/23/2023



#78
Pyrene
Concen: 9.356 ng
RT: 13.095 min Scan# 1744
Delta R.T. -0.006 min
Lab File: BF132160.D
Acq: 20 Jan 2023 14:09

Tgt Ion:202 Resp: 418609
Ion Ratio Lower Upper
202 100
200 20.0 16.7 25.1
203 17.9 14.0 21.0





#79

Terphenyl-d14

Concen: 56.781 ng

RT: 13.236 min Scan# 1768

Delta R.T. 0.000 min

Lab File: BF132160.D

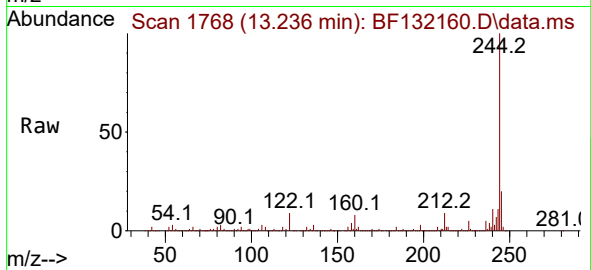
Acq: 20 Jan 2023 14:09

Instrument :

BNA_F

ClientSampleId :

LOQ-WATER-02-QT3-2022



Tgt Ion:244 Resp: 164564

Ion Ratio Lower Upper

244 100

212 8.6 6.7 10.1

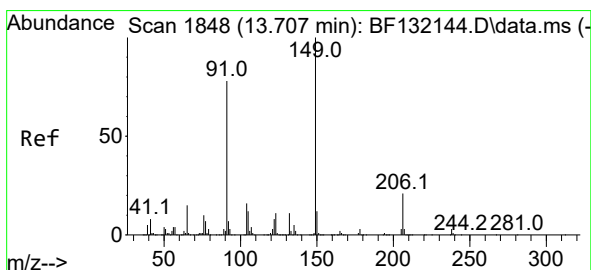
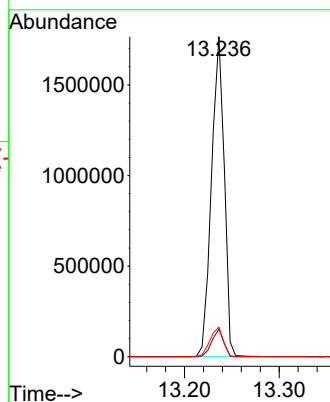
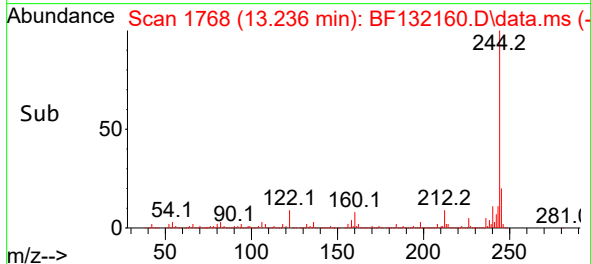
122 9.2 7.4 11.2

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 01/23/2023

Supervised By :Jagrut Upadhyay 01/23/2023



#80

Butylbenzylphthalate

Concen: 9.220 ng

RT: 13.707 min Scan# 1848

Delta R.T. -0.000 min

Lab File: BF132160.D

Acq: 20 Jan 2023 14:09

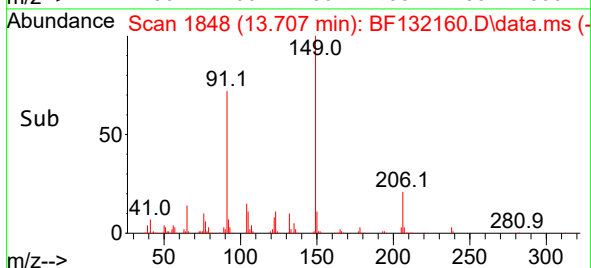
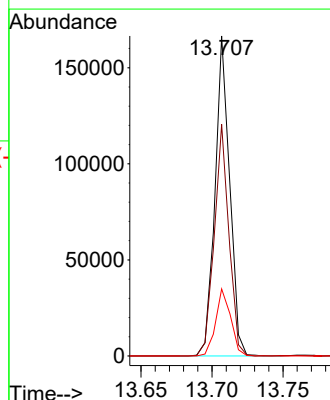
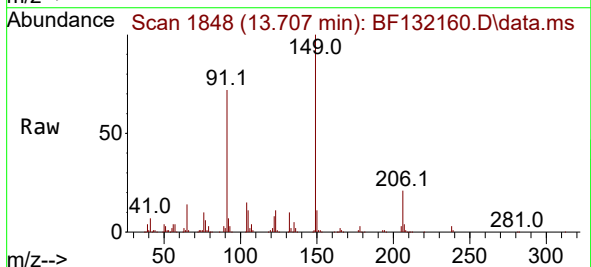
Tgt Ion:149 Resp: 119543

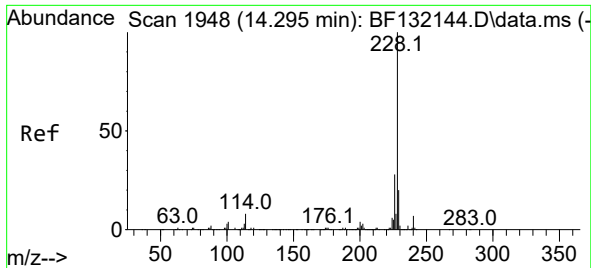
Ion Ratio Lower Upper

149 100

91 72.4 62.6 94.0

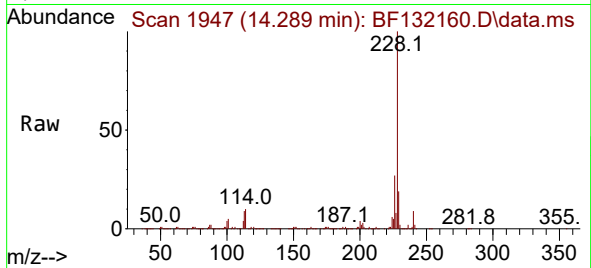
206 21.0 16.4 24.6





#81
Benzo(a)anthracene
Concen: 9.503 ng
RT: 14.289 min Scan# 1947
Delta R.T. -0.006 min
Lab File: BF132160.D
Acq: 20 Jan 2023 14:09

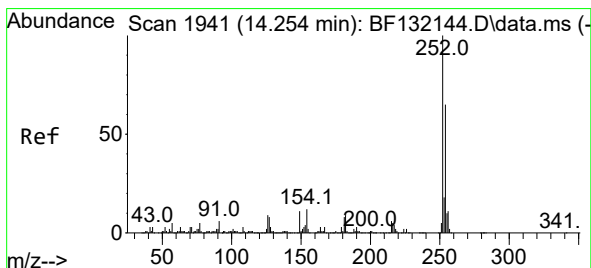
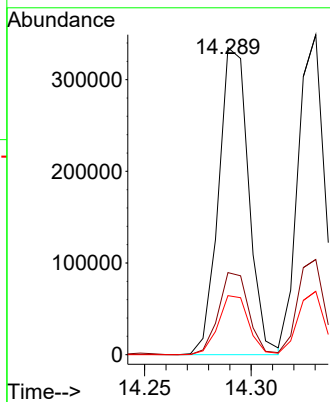
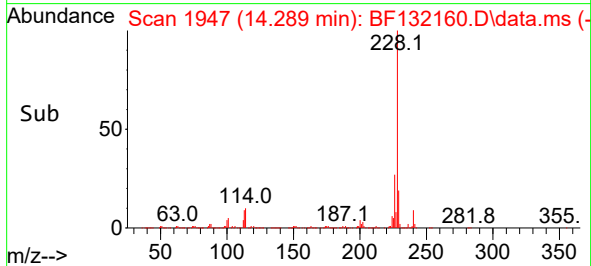
Instrument :
BNA_F
ClientSampleId :
LOQ-WATER-02-QT3-2022



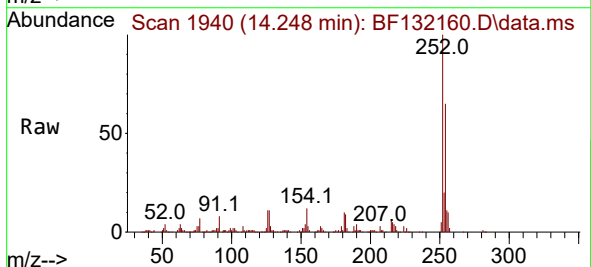
Tgt Ion:228 Resp: 329578
Ion Ratio Lower Upper
228 100
226 26.7 22.5 33.7
229 19.2 16.1 24.1

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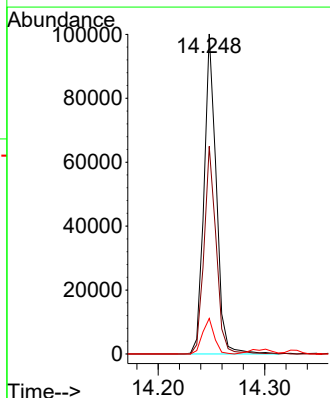
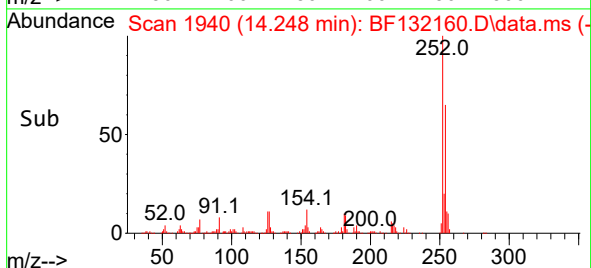
Reviewed By :Christian Giraldo 01/23/2023
Supervised By :Jagrut Upadhyay 01/23/2023

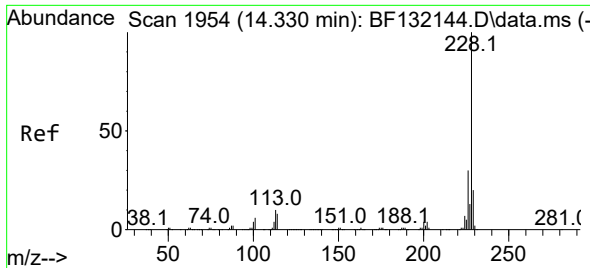


#82
3,3'-Dichlorobenzidine
Concen: 8.289 ng
RT: 14.248 min Scan# 1940
Delta R.T. -0.006 min
Lab File: BF132160.D
Acq: 20 Jan 2023 14:09



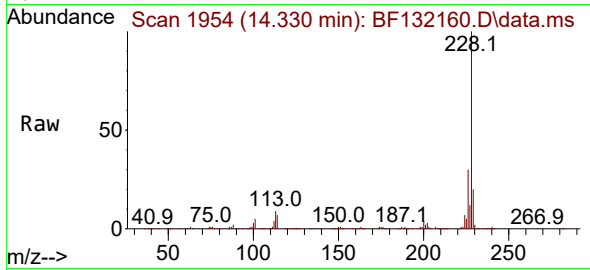
Tgt Ion:252 Resp: 80059
Ion Ratio Lower Upper
252 100
254 64.9 52.4 78.6
126 11.1 7.0 10.6





#83
Chrysene
Concen: 9.307 ng
RT: 14.330 min Scan# 1954
Delta R.T. 0.000 min
Lab File: BF132160.D
Acq: 20 Jan 2023 14:09

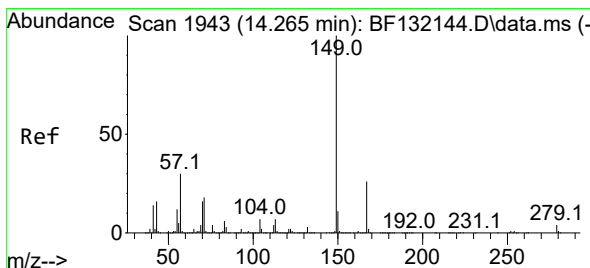
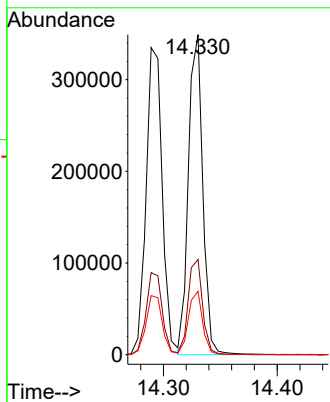
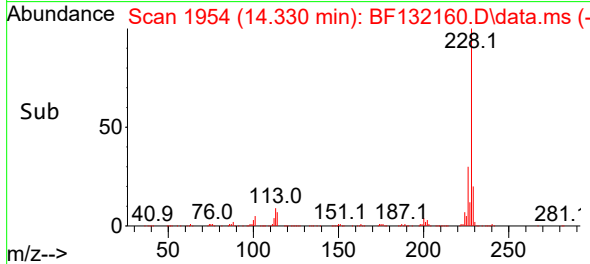
Instrument :
BNA_F
ClientSampleId :
LOQ-WATER-02-QT3-2022



Tgt Ion:228 Resp: 307269
Ion Ratio Lower Upper
228 100
226 29.8 24.3 36.5
229 19.8 15.8 23.6

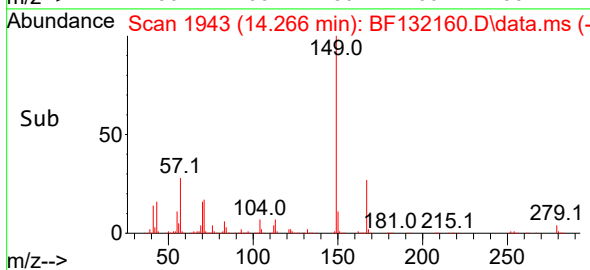
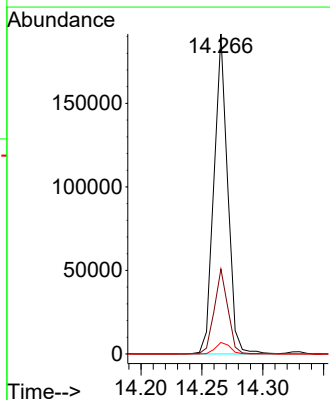
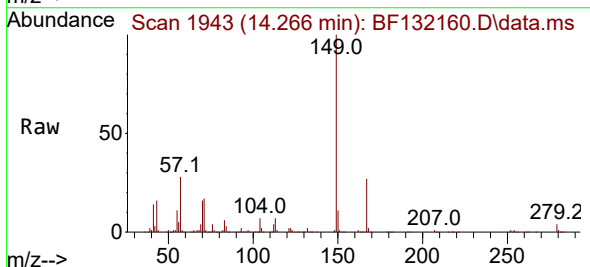
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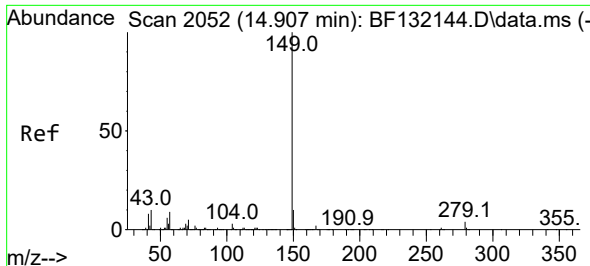
Reviewed By :Christian Giraldo 01/23/2023
Supervised By :Jagrut Upadhyay 01/23/2023



#84
Bis(2-ethylhexyl)phthalate
Concen: 8.750 ng
RT: 14.266 min Scan# 1943
Delta R.T. 0.001 min
Lab File: BF132160.D
Acq: 20 Jan 2023 14:09

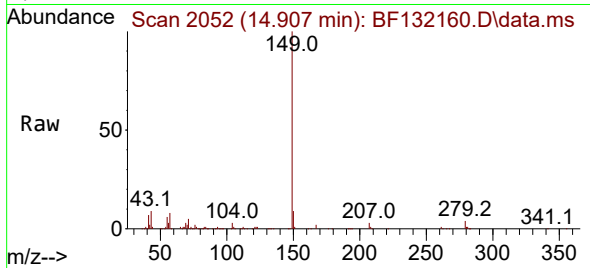
Tgt Ion:149 Resp: 149801
Ion Ratio Lower Upper
149 100
167 26.6 21.0 31.6
279 3.6 3.2 4.8





#85
Di-n-octyl phthalate
Concen: 11.416 ng
RT: 14.907 min Scan# 2052
Delta R.T. -0.000 min
Lab File: BF132160.D
Acq: 20 Jan 2023 14:09

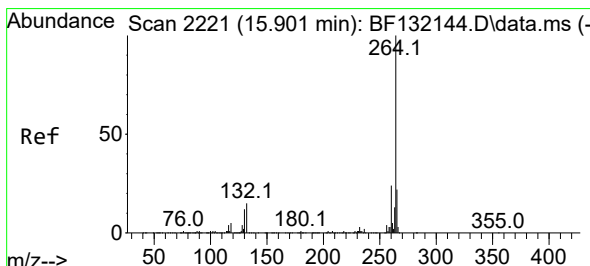
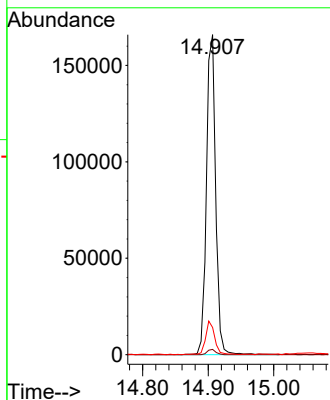
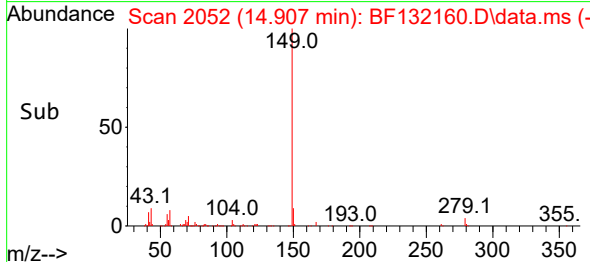
Instrument : BNA_F
ClientSampleId : LOQ-WATER-02-QT3-2022



Tgt Ion:149 Resp: 162657
Ion Ratio Lower Upper
149 100
167 1.5 1.3 1.9
43 10.6 8.4 12.6

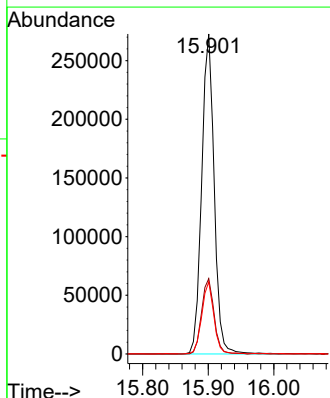
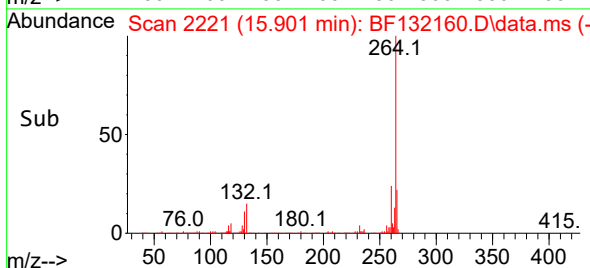
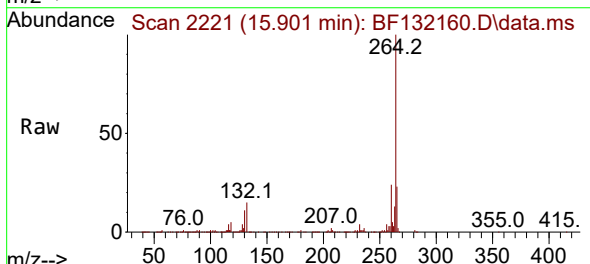
Manual Integrations
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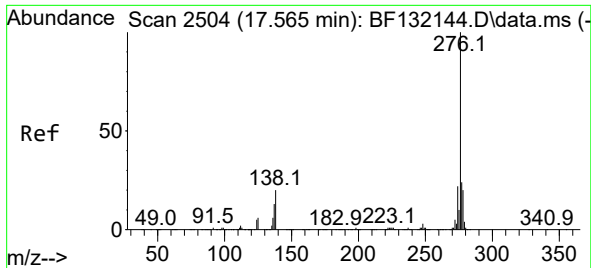
Reviewed By :Christian Giraldo 01/23/2023
Supervised By :Jagrut Upadhyay 01/23/2023



#86
Perylene-d12
Concen: 20.000 ng
RT: 15.901 min Scan# 2221
Delta R.T. -0.000 min
Lab File: BF132160.D
Acq: 20 Jan 2023 14:09

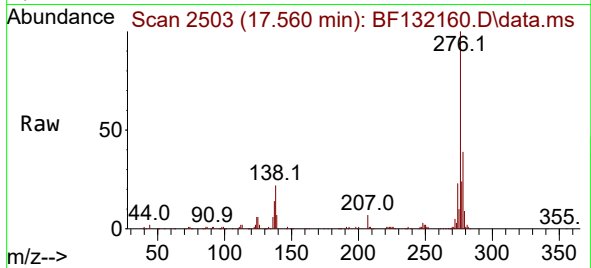
Tgt Ion:264 Resp: 362057
Ion Ratio Lower Upper
264 100
260 23.6 19.1 28.7
265 22.5 17.4 26.0





#87
 Indeno(1,2,3-cd)pyrene
 Concen: 8.260 ng
 RT: 17.560 min Scan# 21702
 Delta R.T. -0.006 min
 Lab File: BF132160.D
 Acq: 20 Jan 2023 14:09

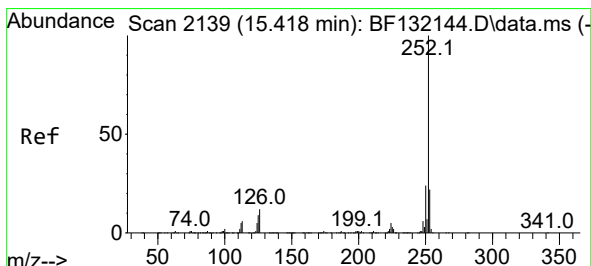
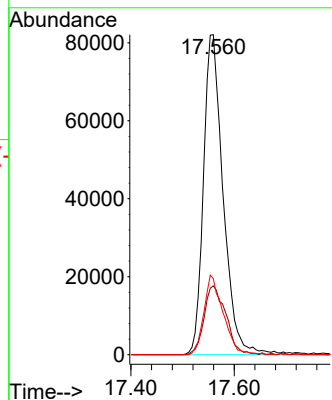
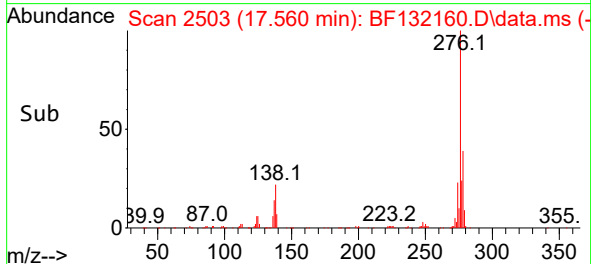
Instrument :
 BNA_F
 ClientSampleId :
 LOQ-WATER-02-QT3-2022



Tgt Ion:276 Resp: 21702
 Ion Ratio Lower Upper
 276 100
 138 23.7 17.9 26.9
 277 24.3 20.2 30.2

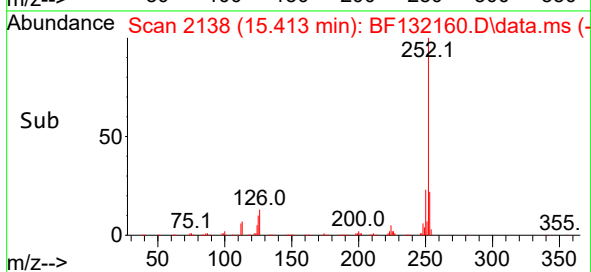
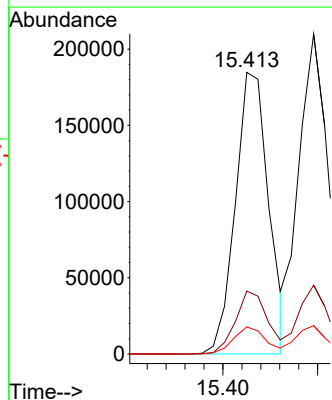
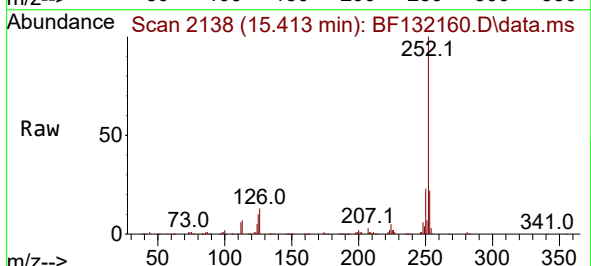
Manual Integrations
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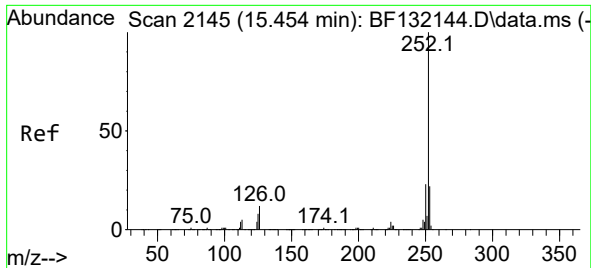
Reviewed By :Christian Giraldo 01/23/2023
 Supervised By :Jagrut Upadhyay 01/23/2023



#88
 Benzo(b)fluoranthene
 Concen: 10.206 ng
 RT: 15.413 min Scan# 2138
 Delta R.T. -0.005 min
 Lab File: BF132160.D
 Acq: 20 Jan 2023 14:09

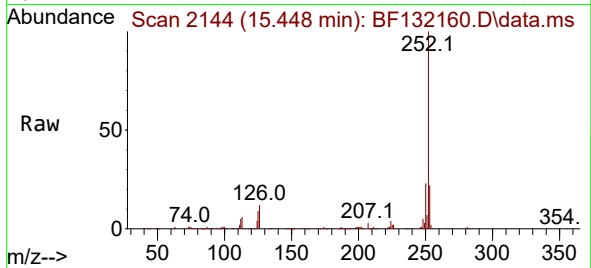
Tgt Ion:252 Resp: 224986
 Ion Ratio Lower Upper
 252 100
 253 22.3 17.8 26.6
 125 9.6 7.2 10.8





#89
Benzo(k)fluoranthene
Concen: 10.536 ng
RT: 15.448 min Scan# 2145
Delta R.T. -0.006 min
Lab File: BF132160.D
Acq: 20 Jan 2023 14:09

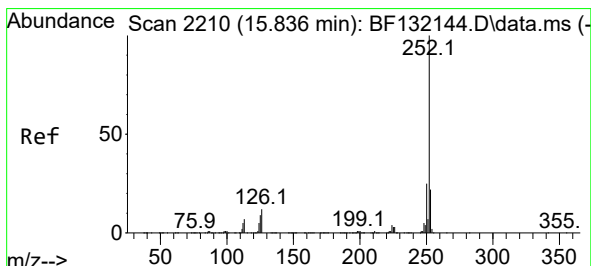
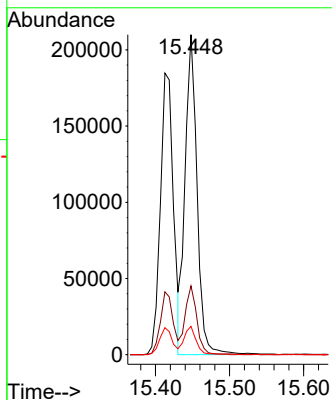
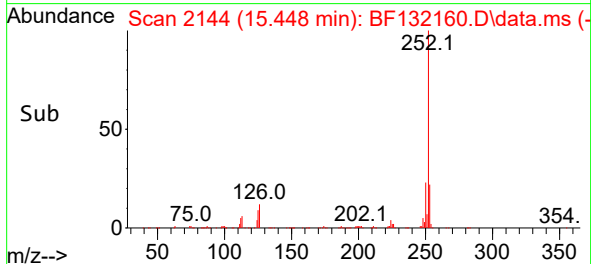
Instrument :
BNA_F
ClientSampleId :
LOQ-WATER-02-QT3-2022



Tgt Ion:252 Resp: 23687
Ion Ratio Lower Upper
252 100
253 21.5 17.4 26.0
125 8.9 6.4 9.6

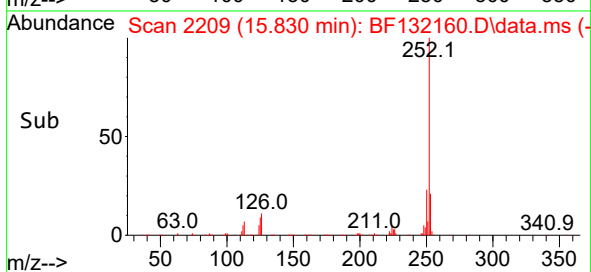
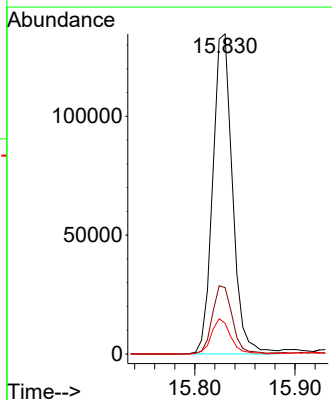
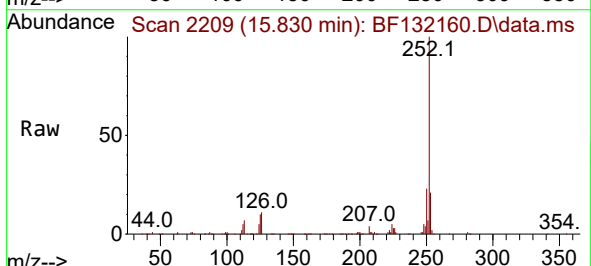
Manual Integrations
APPROVED

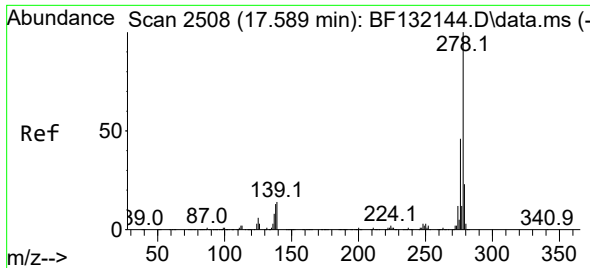
Reviewed By :Christian Giraldo 01/23/2023
Supervised By :Jagrut Upadhyay 01/23/2023



#90
Benzo(a)pyrene
Concen: 8.696 ng
RT: 15.830 min Scan# 2209
Delta R.T. -0.006 min
Lab File: BF132160.D
Acq: 20 Jan 2023 14:09

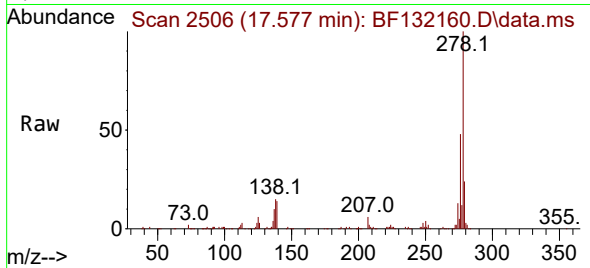
Tgt Ion:252 Resp: 184408
Ion Ratio Lower Upper
252 100
253 20.8 17.5 26.3
125 9.6 7.3 10.9





#91
Dibenzo(a,h)anthracene
Concen: 8.869 ng
RT: 17.577 min Scan# 21
Delta R.T. -0.012 min
Lab File: BF132160.D
Acq: 20 Jan 2023 14:09

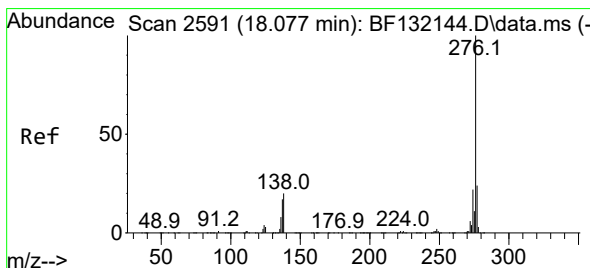
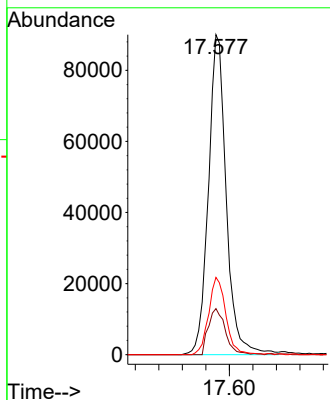
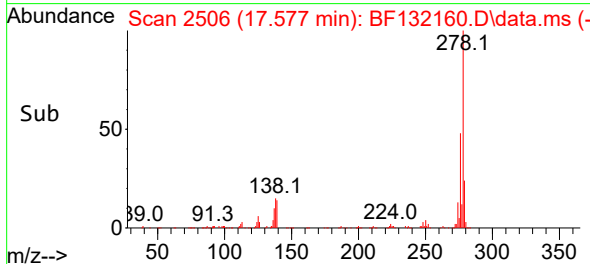
Instrument :
BNA_F
ClientSampleId :
LOQ-WATER-02-QT3-2022



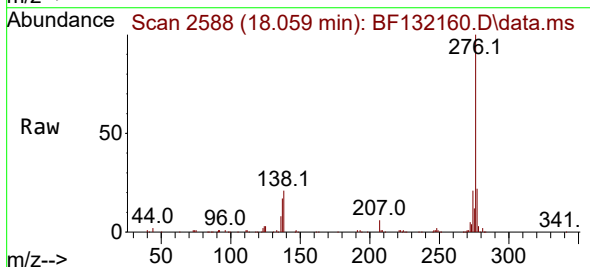
Tgt Ion:278 Resp: 19004
Ion Ratio Lower Upper
278 100
139 14.4 11.4 17.2
279 24.2 18.6 28.0

Manual Integrations
APPROVED

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



#92
Benzo(g,h,i)perylene
Concen: 8.742 ng
RT: 18.059 min Scan# 2588
Delta R.T. -0.018 min
Lab File: BF132160.D
Acq: 20 Jan 2023 14:09



Tgt Ion:276 Resp: 197118
Ion Ratio Lower Upper
276 100
277 21.7 18.9 28.3
138 21.1 15.7 23.5

