

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF041123\
 Data File : BF132859.D
 Acq On : 11 Apr 2023 20:21
 Operator : CG\JU
 Sample : 01627-07
 Misc : LOD-MDL-WATER 8ppm
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 LOD-MDL-WATER-01-QT1-2023

Quant Time: Apr 12 04:07:41 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF041123.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Apr 12 03:34:19 2023
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By : Christian Giraldo 04/12/2023
 Supervised By : Jagrut Upadhyay 04/12/2023

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.769	152	225505	20.000	ng	0.00
21) Naphthalene-d8	8.051	136	879686	20.000	ng	0.00
39) Acenaphthene-d10	9.804	164	455755	20.000	ng	0.00
64) Phenanthrene-d10	11.286	188	822750	20.000	ng	0.00
76) Chrysene-d12	13.916	240	596377	20.000	ng	0.00
86) Perylene-d12	15.345	264	497003	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.369	112	1617531	111.434	ng	0.00
7) Phenol-d6	6.398	99	2055607	109.800	ng	0.00
23) Nitrobenzene-d5	7.334	82	1422397	83.670	ng	0.00
42) 2,4,6-Tribromophenol	10.592	330	507564	125.311	ng	0.00
45) 2-Fluorobiphenyl	9.134	172	2332270	80.954	ng	0.00
79) Terphenyl-d14	12.875	244	2531107	73.536	ng	0.00
Target Compounds						
						Qvalue
3) Pyridine	3.228	79	137951	6.924	ng	98
4) n-Nitrosodimethylamine	3.116	42	72266	7.508	ng	# 99
6) Aniline	6.434	93	191731	7.923	ng	98
8) 2-Chlorophenol	6.551	128	122254	8.373	ng	96
9) Benzaldehyde	6.316	77	118099	5.352	ng	99
10) Phenol	6.410	94	181078m	8.590	ng	
11) bis(2-Chloroethyl)ether	6.504	93	127730	8.173	ng	99
12) 1,3-Dichlorobenzene	6.710	146	142331	8.835	ng	98
13) 1,4-Dichlorobenzene	6.787	146	142467	8.773	ng	98
14) 1,2-Dichlorobenzene	6.940	146	132866	8.713	ng	99
15) Benzyl Alcohol	6.904	79	118067	9.700	ng	98
16) 2,2'-oxybis(1-Chloropr...	7.045	45	222639	8.533	ng	99
17) 2-Methylphenol	7.016	107	101851	7.651	ng	97
18) Hexachloroethane	7.287	117	46561	8.329	ng	93
19) n-Nitroso-di-n-propyla...	7.181	70	89011	8.351	ng	96
20) 3+4-Methylphenols	7.169	107	131506	8.266	ng	97
22) Acetophenone	7.175	105	188452	9.040	ng	98
24) Nitrobenzene	7.351	77	144850	8.409	ng	97
25) Isophorone	7.587	82	250431	8.262	ng	99
26) 2-Nitrophenol	7.663	139	44823	7.295	ng	97
27) 2,4-Dimethylphenol	7.698	122	109195	8.796	ng	98
28) bis(2-Chloroethoxy)met...	7.798	93	152009	8.451	ng	99
29) 2,4-Dichlorophenol	7.904	162	98107	8.325	ng	97
30) 1,2,4-Trichlorobenzene	7.992	180	112224	8.625	ng	99
31) Naphthalene	8.075	128	385525	8.588	ng	99
32) Benzoic acid	7.757	122	26032	10.046	ng	96
33) 4-Chloroaniline	8.122	127	140197	7.862	ng	99
34) Hexachlorobutadiene	8.198	225	60231	8.503	ng	100
35) Caprolactam	8.451	113	25036	11.872	ng	94
36) 4-Chloro-3-methylphenol	8.592	107	103058	8.198	ng	99
37) 2-Methylnaphthalene	8.763	142	255913	8.524	ng	99
38) 1-Methylnaphthalene	8.863	142	236294	8.439	ng	98
40) 1,2,4,5-Tetrachloroben...	8.928	216	106783	8.393	ng	99
41) Hexachlorocyclopentadiene	8.922	237	51096	7.460	ng	97
43) 2,4,6-Trichlorophenol	9.039	196	61368	7.852	ng	99
44) 2,4,5-Trichlorophenol	9.069	196	67323	7.294	ng	# 92

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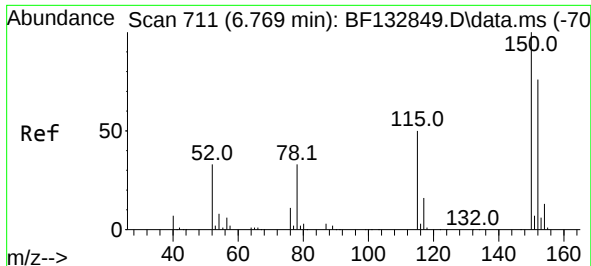
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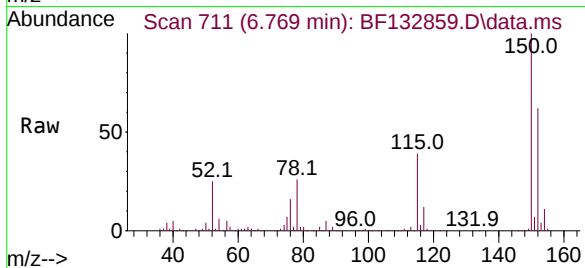
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
46) 1,1'-Biphenyl	9.228	154	325263	8.855	ng	99
47) 2-Chloronaphthalene	9.251	162	233671	8.690	ng	99
48) 2-Nitroaniline	9.339	65	47024	8.123	ng	97
49) Acenaphthylene	9.663	152	369847	8.508	ng	97
50) Dimethylphthalate	9.522	163	241466	8.205	ng	100
51) 2,6-Dinitrotoluene	9.581	165	48246	7.186	ng	92
52) Acenaphthene	9.834	154	232989	8.342	ng	98
53) 3-Nitroaniline	9.745	138	53407	6.876	ng	89
54) 2,4-Dinitrophenol	9.851	184	13104	4.618	ng	# 90
55) Dibenzofuran	10.004	168	334260	8.443	ng	98
56) 4-Nitrophenol	9.892	139	44886	7.332	ng	91
57) 2,4-Dinitrotoluene	9.981	165	56476	6.770	ng	98
58) Fluorene	10.345	166	258099	8.838	ng	100
59) 2,3,4,6-Tetrachlorophenol	10.122	232	54323	7.728	ng	97
60) Diethylphthalate	10.228	149	209546	8.377	ng	98
61) 4-Chlorophenyl-phenyle...	10.345	204	119394	8.594	ng	98
62) 4-Nitroaniline	10.351	138	50474	6.804	ng	98
63) Azobenzene	10.504	77	262162	8.045	ng	98
65) 4,6-Dinitro-2-methylph...	10.386	198	18774	4.861	ng	97
66) n-Nitrosodiphenylamine	10.457	169	210509	8.385	ng	98
67) 4-Bromophenyl-phenylether	10.833	248	68256	7.816	ng	97
68) Hexachlorobenzene	10.898	284	78030	8.630	ng	95
69) Atrazine	10.986	200	55181	8.965	ng	97
70) Pentachlorophenol	11.086	266	37857	6.357	ng	99
71) Phenanthrene	11.304	178	379819	8.417	ng	99
72) Anthracene	11.357	178	382612	8.294	ng	100
73) Carbazole	11.510	167	336919	8.348	ng	98
74) Di-n-butylphthalate	11.857	149	219261	11.622	ng	98
75) Fluoranthene	12.492	202	357119	7.905	ng	99
77) Benzidine	12.616	184	49918	18.088	ng	# 90
78) Pyrene	12.722	202	382433	7.507	ng	98
80) Butylbenzylphthalate	13.351	149	16456	15.339	ng	93
81) Benzo(a)anthracene	13.904	228	315423	7.690	ng	99
82) 3,3'-Dichlorobenzidine	13.874	252	53182	10.997	ng	96
83) Chrysene	13.939	228	312777	7.746	ng	98
84) Bis(2-ethylhexyl)phtha...	13.916	149	31612	14.941	ng	# 98
85) Di-n-octyl phthalate	14.521	149	39084	14.574	ng	96
87) Indeno(1,2,3-cd)pyrene	16.733	276	171321	8.918	ng	99
88) Benzo(b)fluoranthene	14.933	252	251134	7.829	ng	98
89) Benzo(k)fluoranthene	14.963	252	270847	8.220	ng	98
90) Benzo(a)pyrene	15.280	252	200290	6.962	ng	97
91) Dibenzo(a,h)anthracene	16.757	278	144006	8.772	ng	98
92) Benzo(g,h,i)perylene	17.151	276	141387	8.786	ng	95

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



#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.769 min Scan# 711
Delta R.T. 0.000 min
Lab File: BF132859.D
Acq: 11 Apr 2023 20:21

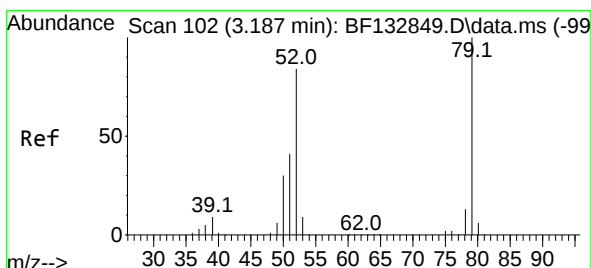
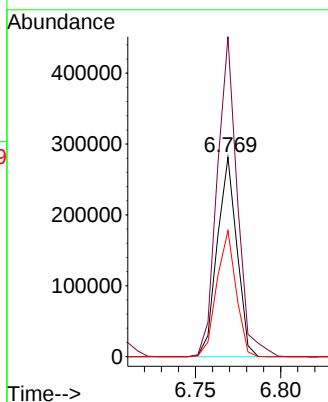
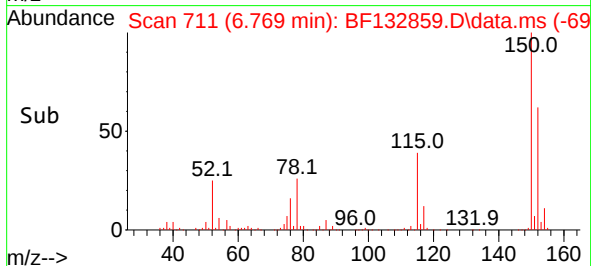
Instrument :
BNA_F
ClientSampleId :
LOD-MDL-WATER-01-QT1-2023



Tgt Ion:152 Resp: 225505
Ion Ratio Lower Upper
152 100
150 160.5 127.8 191.6
115 63.2 52.2 78.4

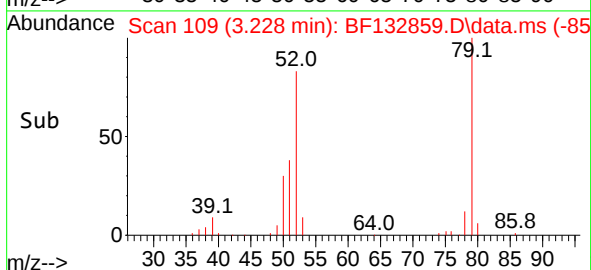
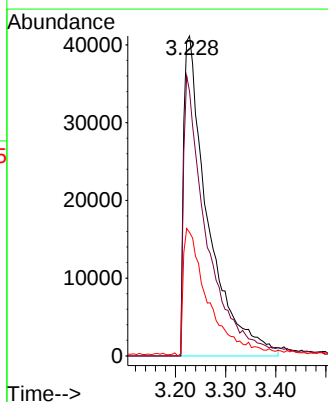
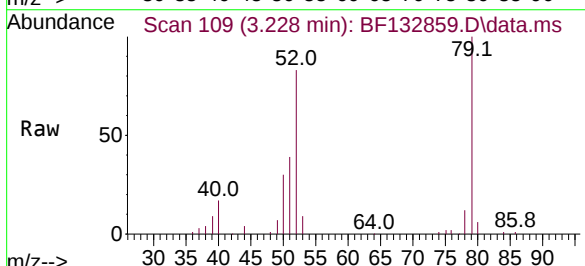
Manual Integrations
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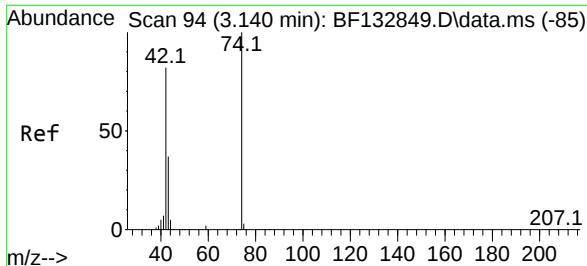
Reviewed By :Christian Giraldo 04/12/2023
Supervised By :Jagrut Upadhyay 04/12/2023



#3
Pyridine
Concen: 6.924 ng
RT: 3.228 min Scan# 109
Delta R.T. 0.041 min
Lab File: BF132859.D
Acq: 11 Apr 2023 20:21

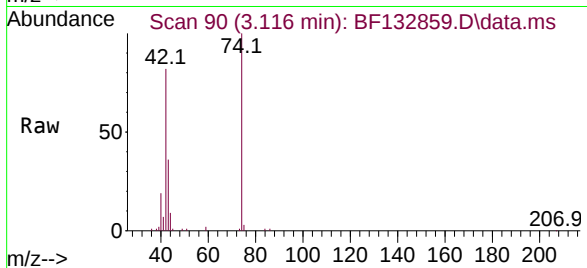
Tgt Ion: 79 Resp: 137951
Ion Ratio Lower Upper
79 100
52 82.6 67.3 100.9
51 38.6 32.6 48.8





#4
n-Nitrosodimethylamine
Concen: 7.508 ng
RT: 3.116 min Scan# 90
Delta R.T. -0.023 min
Lab File: BF132859.D
Acq: 11 Apr 2023 20:21

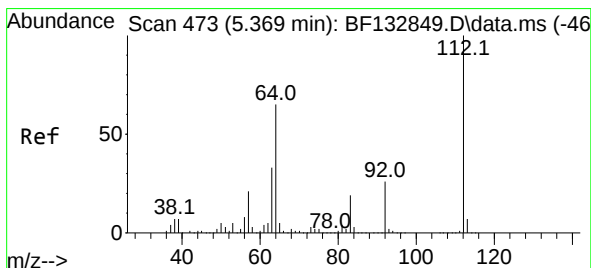
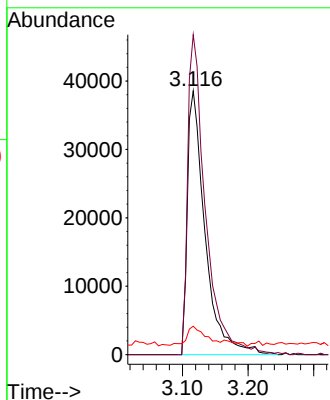
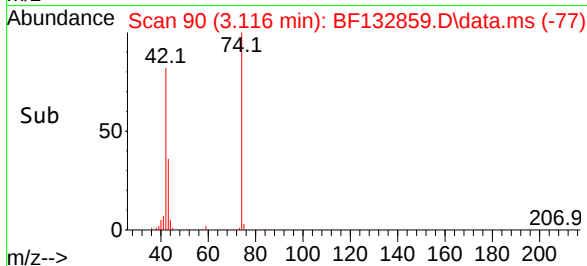
Instrument :
BNA_F
ClientSampleId :
LOD-MDL-WATER-01-QT1-2023



Tgt Ion: 42 Resp: 72266
Ion Ratio Lower Upper
42 100
74 121.3 97.7 146.5
44 10.7 6.0 9.0

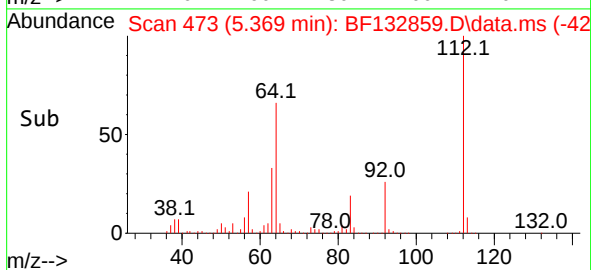
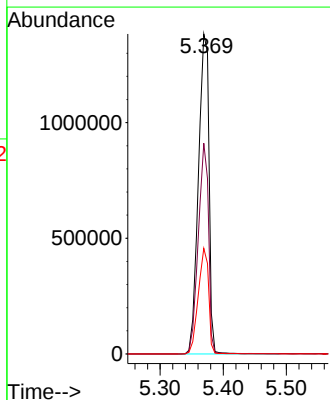
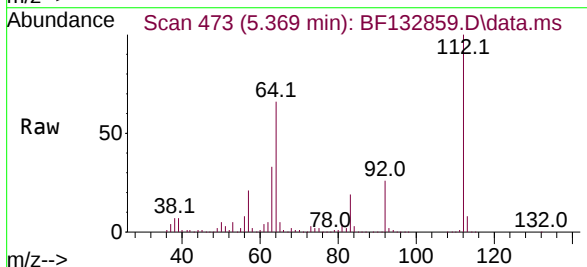
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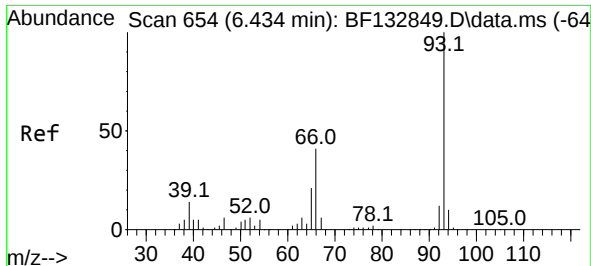
Reviewed By :Christian Giraldo 04/12/2023
Supervised By :Jagrut Upadhyay 04/12/2023



#5
2-Fluorophenol
Concen: 111.434 ng
RT: 5.369 min Scan# 473
Delta R.T. 0.000 min
Lab File: BF132859.D
Acq: 11 Apr 2023 20:21

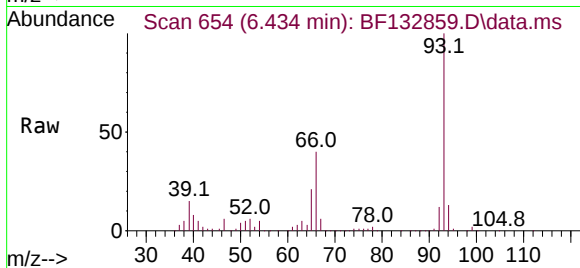
Tgt Ion:112 Resp: 1617531
Ion Ratio Lower Upper
112 100
64 65.8 51.7 77.5
63 33.0 26.4 39.6





#6
Aniline
Concen: 7.923 ng
RT: 6.434 min Scan# 654
Delta R.T. 0.000 min
Lab File: BF132859.D
Acq: 11 Apr 2023 20:21

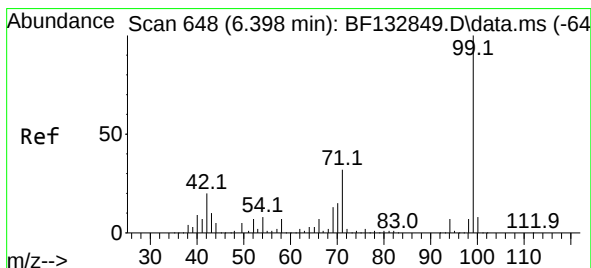
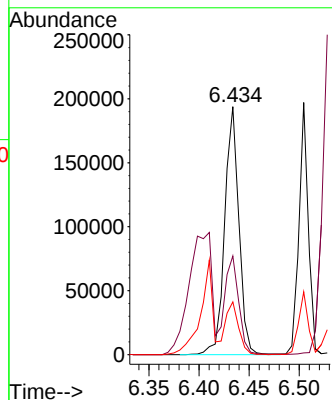
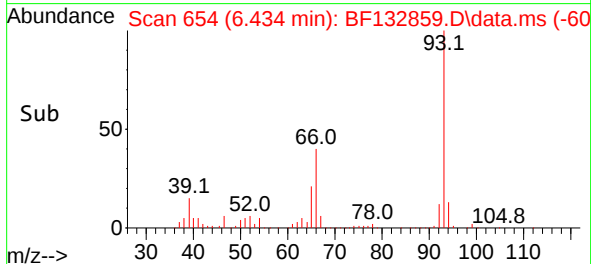
Instrument :
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LOD-MDL-WATER-01-QT1-2023



Tgt Ion: 93 Resp: 191731
Ion Ratio Lower Upper
93 100
66 39.8 33.0 49.4
65 21.3 16.8 25.2

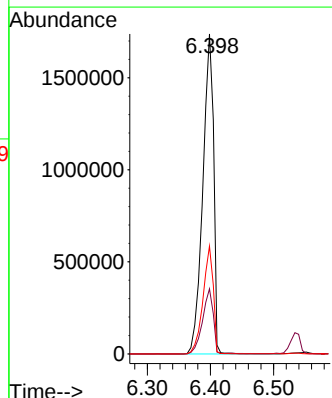
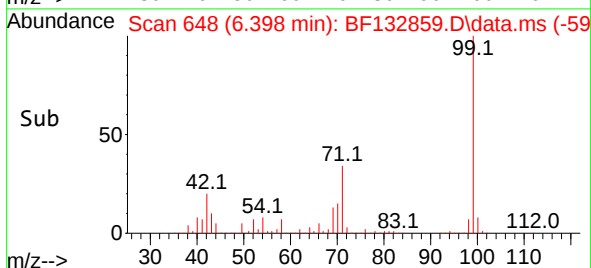
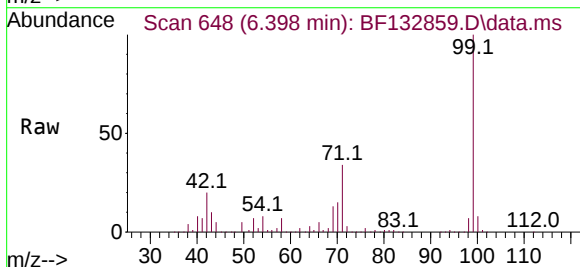
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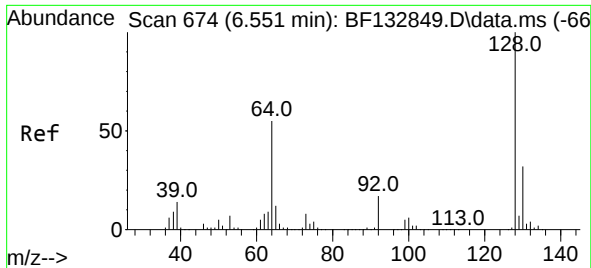
Reviewed By :Christian Giraldo 04/12/2023
Supervised By :Jagrut Upadhyay 04/12/2023



#7
Phenol-d6
Concen: 109.800 ng
RT: 6.398 min Scan# 648
Delta R.T. 0.000 min
Lab File: BF132859.D
Acq: 11 Apr 2023 20:21

Tgt Ion: 99 Resp: 2055607
Ion Ratio Lower Upper
99 100
42 20.3 16.3 24.5
71 33.7 25.8 38.6





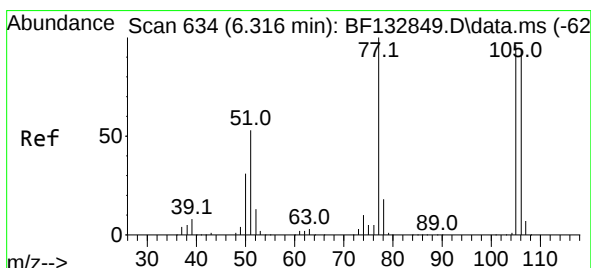
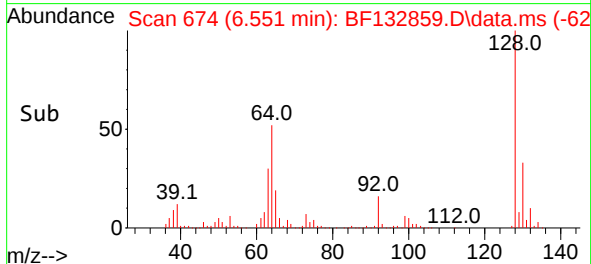
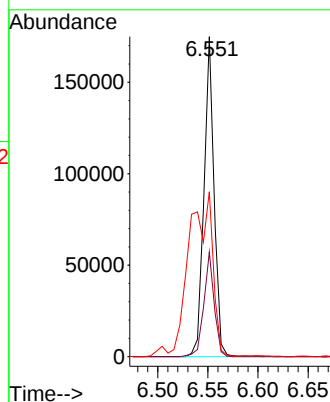
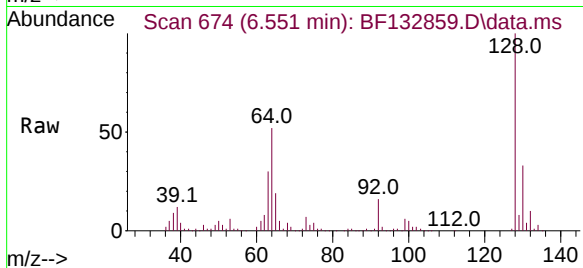
#8
2-Chlorophenol
Concen: 8.373 ng
RT: 6.551 min Scan# 61
Delta R.T. 0.000 min
Lab File: BF132859.D
Acq: 11 Apr 2023 20:21

Instrument :
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ClientSampleId :
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Tgt Ion:128 Resp: 122254
Ion Ratio Lower Upper
128 100
130 32.7 12.3 52.3
64 51.5 35.4 75.4

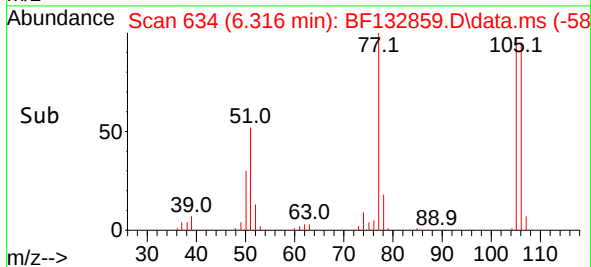
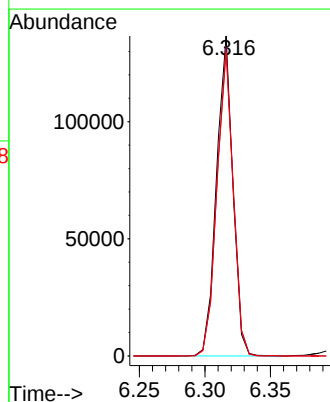
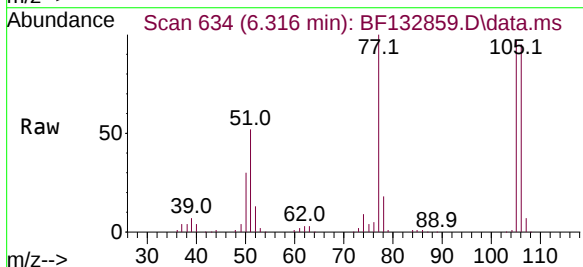
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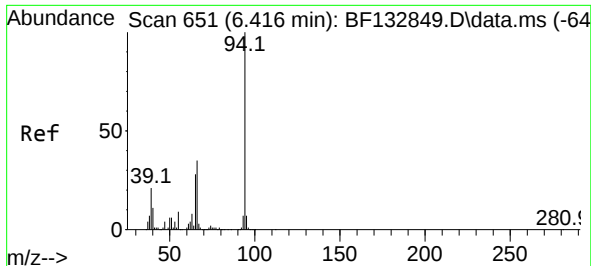
Reviewed By :Christian Giraldo 04/12/2023
Supervised By :Jagrut Upadhyay 04/12/2023



#9
Benzaldehyde
Concen: 5.352 ng
RT: 6.316 min Scan# 634
Delta R.T. 0.000 min
Lab File: BF132859.D
Acq: 11 Apr 2023 20:21

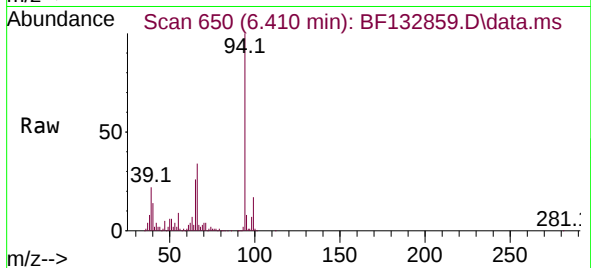
Tgt Ion: 77 Resp: 118099
Ion Ratio Lower Upper
77 100
105 96.6 76.4 116.4
106 94.9 73.8 113.8





#10
Phenol
Concen: 8.590 ng m
RT: 6.410 min Scan# 651
Delta R.T. -0.006 min
Lab File: BF132859.D
Acq: 11 Apr 2023 20:21

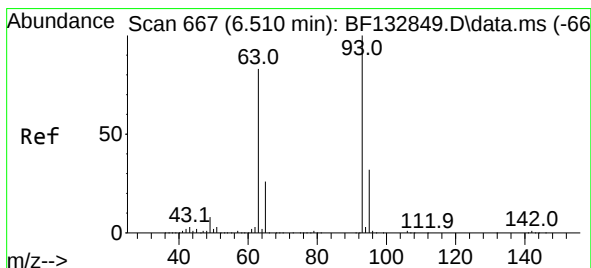
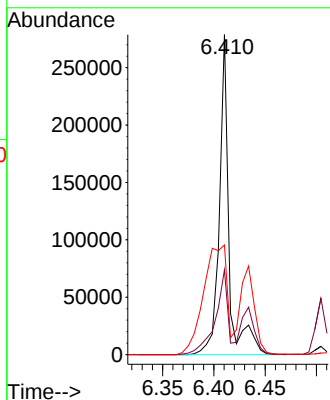
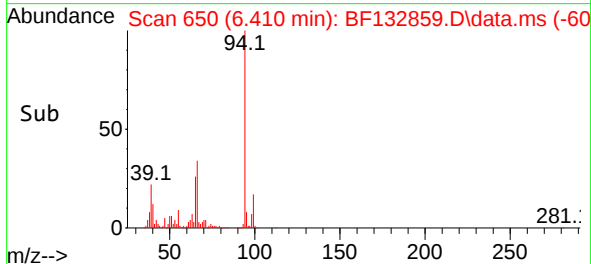
Instrument :
BNA_F
ClientSampleId :
LOD-MDL-WATER-01-QT1-2023



Tgt Ion: 94 Resp: 181078
Ion Ratio Lower Upper
94 100
65 26.5 7.7 47.7
66 34.3 15.2 55.2

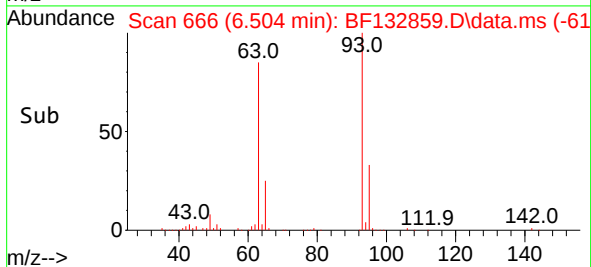
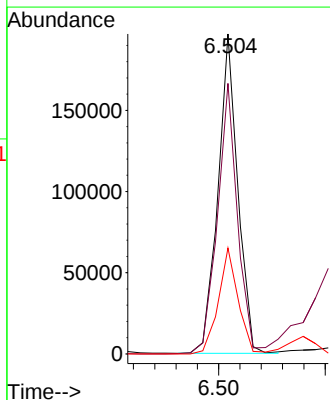
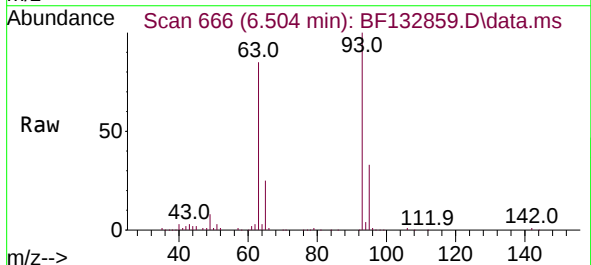
Manual Integrations
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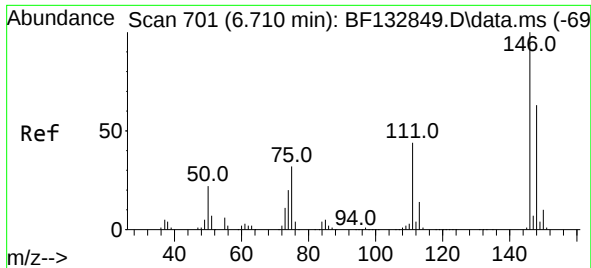
Reviewed By :Christian Giraldo 04/12/2023
Supervised By :Jagrut Upadhyay 04/12/2023



#11
bis(2-Chloroethyl)ether
Concen: 8.173 ng
RT: 6.504 min Scan# 666
Delta R.T. -0.006 min
Lab File: BF132859.D
Acq: 11 Apr 2023 20:21

Tgt Ion: 93 Resp: 127730
Ion Ratio Lower Upper
93 100
63 84.5 63.3 103.3
95 33.1 12.4 52.4





#12

1,3-Dichlorobenzene

Concen: 8.835 ng

RT: 6.710 min Scan# 701

Delta R.T. 0.000 min

Lab File: BF132859.D

Acq: 11 Apr 2023 20:21

Instrument :

BNA_F

ClientSampleId :

LOD-MDL-WATER-01-QT1-2023

Tgt Ion:146 Resp: 14233

Ion Ratio Lower Upper

146 100

148 63.8 50.6 76.0

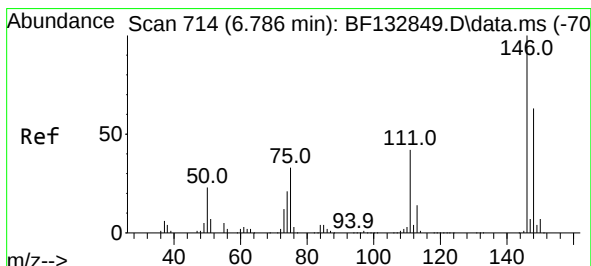
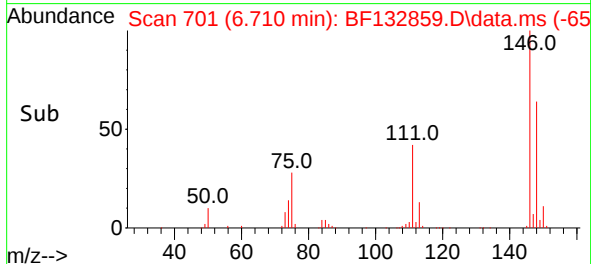
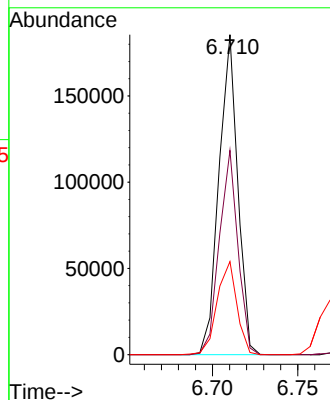
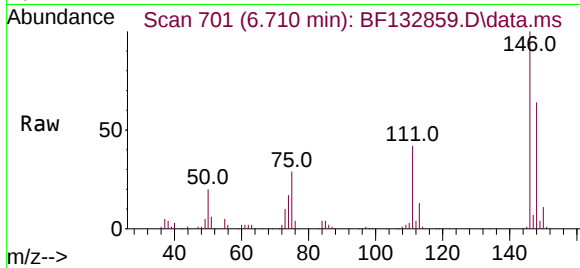
75 29.1 25.8 38.6

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 04/12/2023

Supervised By :Jagrut Upadhyay 04/12/2023



#13

1,4-Dichlorobenzene

Concen: 8.773 ng

RT: 6.787 min Scan# 714

Delta R.T. 0.000 min

Lab File: BF132859.D

Acq: 11 Apr 2023 20:21

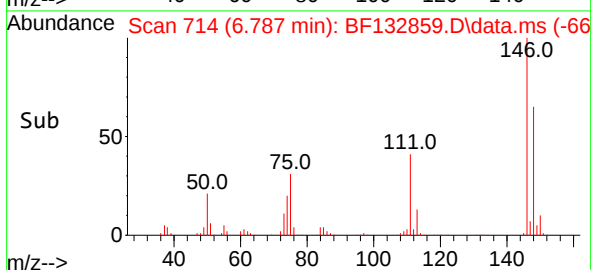
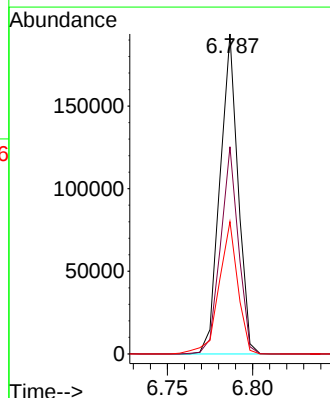
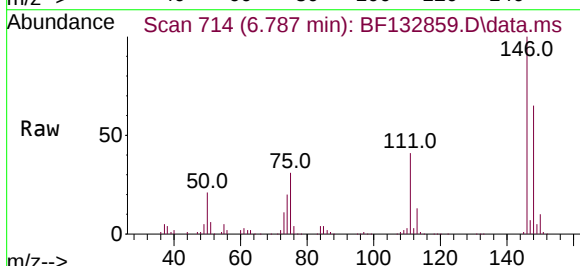
Tgt Ion:146 Resp: 142467

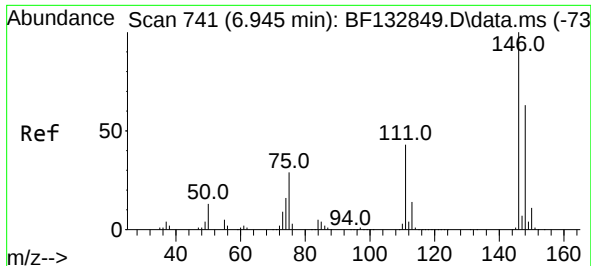
Ion Ratio Lower Upper

146 100

148 64.7 50.6 76.0

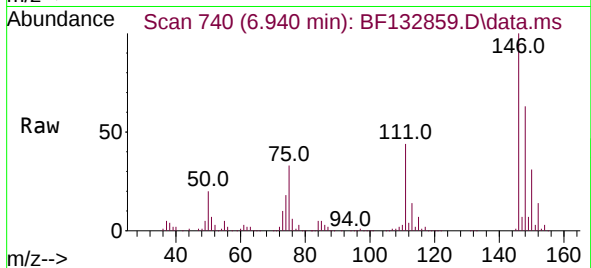
111 41.3 33.8 50.6





#14
1,2-Dichlorobenzene
Concen: 8.713 ng
RT: 6.940 min Scan# 741
Delta R.T. -0.006 min
Lab File: BF132859.D
Acq: 11 Apr 2023 20:21

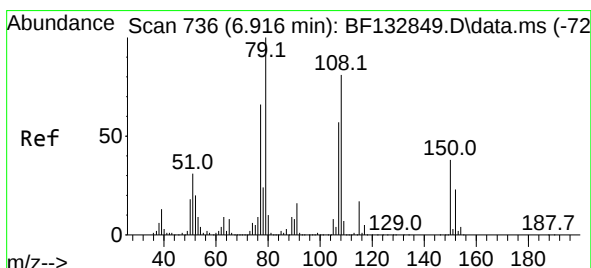
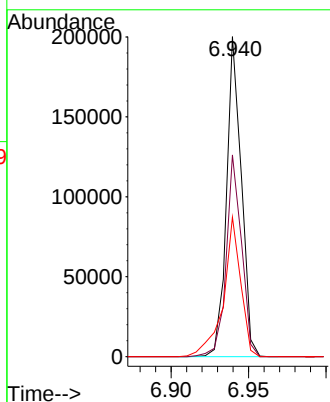
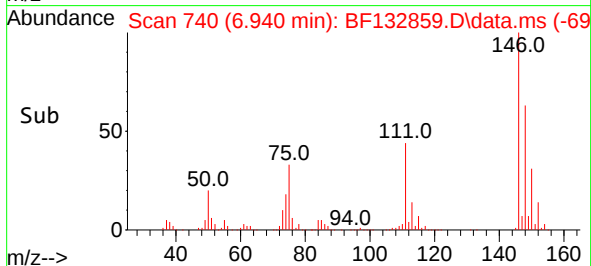
Instrument :
BNA_F
ClientSampleId :
LOD-MDL-WATER-01-QT1-2023



Tgt Ion:146 Resp: 132866
Ion Ratio Lower Upper
146 100
148 63.0 50.6 75.8
111 43.6 34.2 51.4

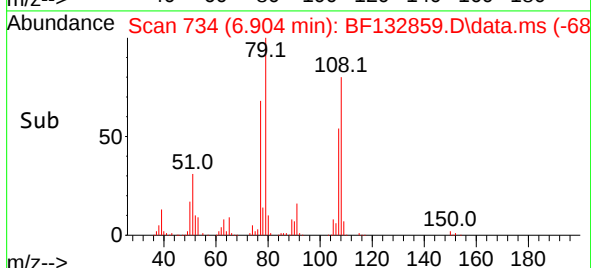
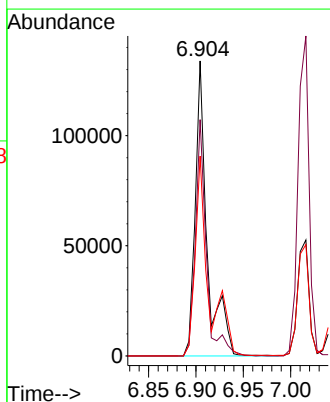
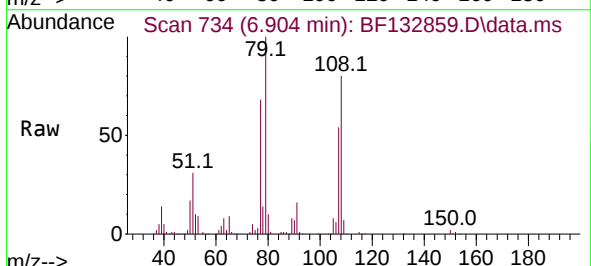
Manual Integrations
APPROVED

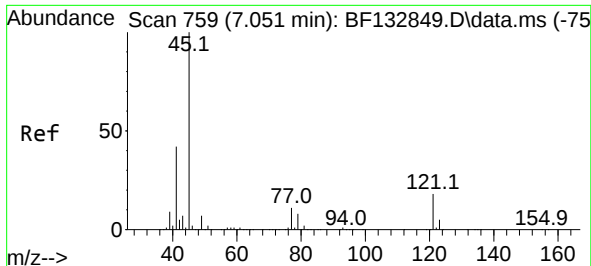
Reviewed By :Christian Giraldo 04/12/2023
Supervised By :Jagrut Upadhyay 04/12/2023



#15
Benzyl Alcohol
Concen: 9.700 ng
RT: 6.904 min Scan# 734
Delta R.T. -0.012 min
Lab File: BF132859.D
Acq: 11 Apr 2023 20:21

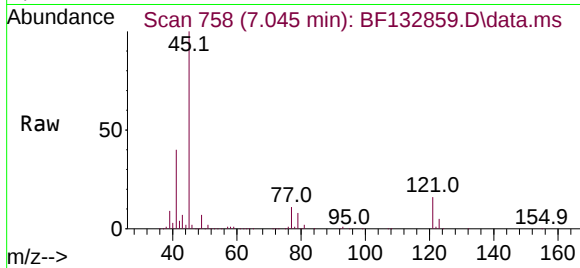
Tgt Ion: 79 Resp: 118067
Ion Ratio Lower Upper
79 100
108 80.1 65.0 97.6
77 67.7 53.0 79.4





#16
2,2'-oxybis(1-Chloropropane)
Concen: 8.533 ng
RT: 7.045 min Scan# 71
Delta R.T. -0.006 min
Lab File: BF132859.D
Acq: 11 Apr 2023 20:21

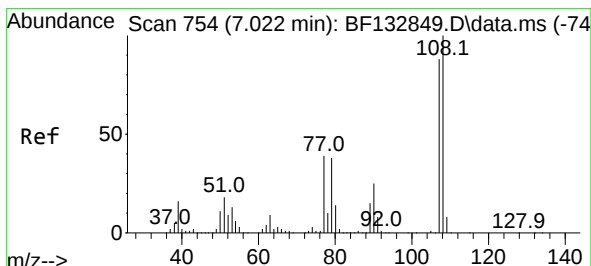
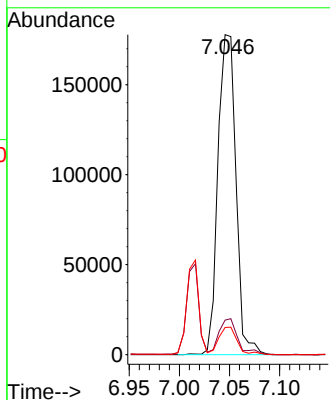
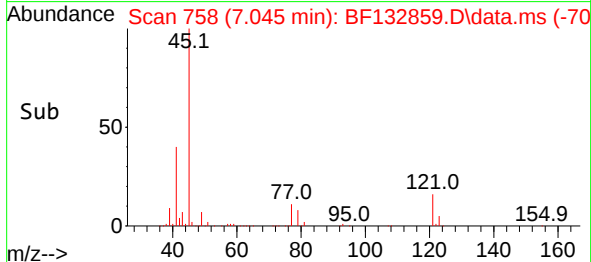
Instrument :
BNA_F
ClientSampleId :
LOD-MDL-WATER-01-QT1-2023



Tgt Ion: 45 Resp: 222639
Ion Ratio Lower Upper
45 100
77 10.8 0.0 31.2
79 8.5 0.0 28.5

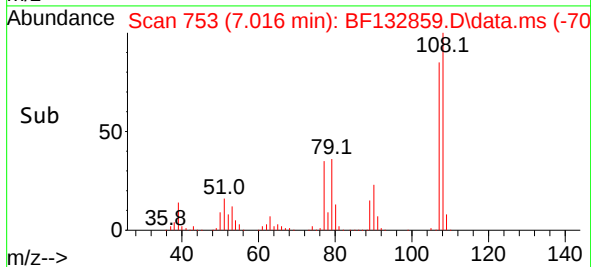
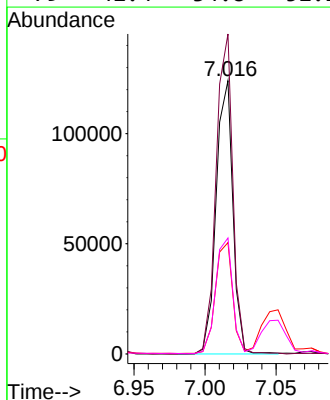
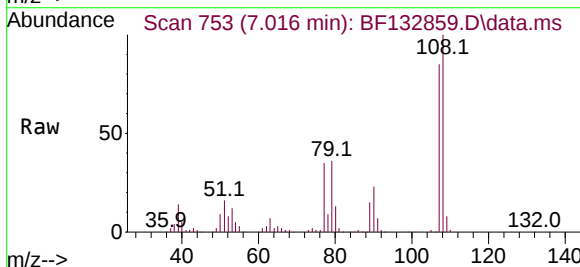
Manual Integrations
APPROVED

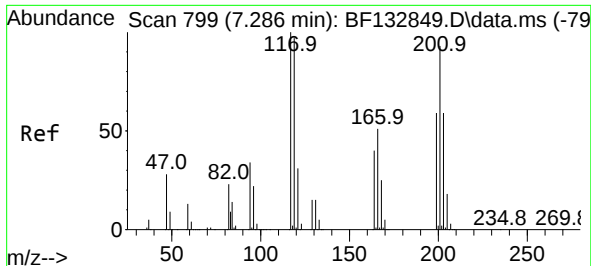
Reviewed By :Christian Giraldo 04/12/2023
Supervised By :Jagrut Upadhyay 04/12/2023



#17
2-Methylphenol
Concen: 7.651 ng
RT: 7.016 min Scan# 753
Delta R.T. -0.006 min
Lab File: BF132859.D
Acq: 11 Apr 2023 20:21

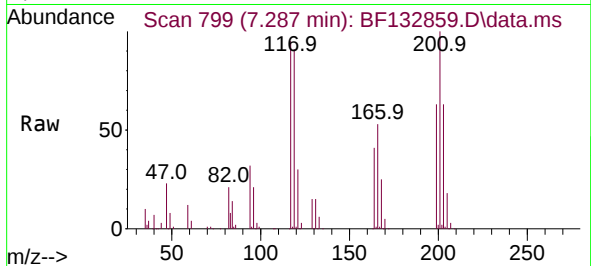
Tgt Ion:107 Resp: 101851
Ion Ratio Lower Upper
107 100
108 117.1 91.4 137.0
77 40.7 35.5 53.3
79 42.4 34.8 52.2





#18
Hexachloroethane
Concen: 8.329 ng
RT: 7.287 min Scan# 799
Delta R.T. 0.000 min
Lab File: BF132859.D
Acq: 11 Apr 2023 20:21

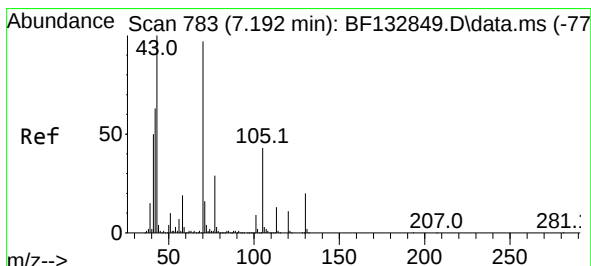
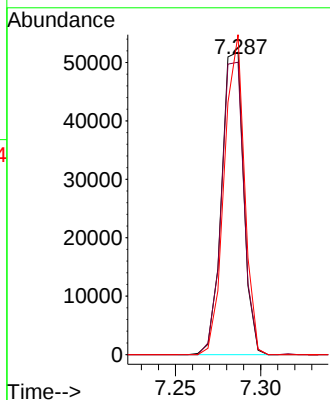
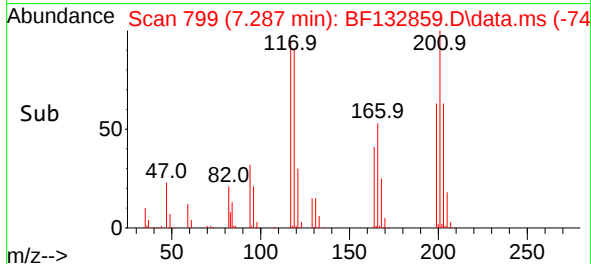
Instrument :
BNA_F
ClientSampleId :
LOD-MDL-WATER-01-QT1-2023



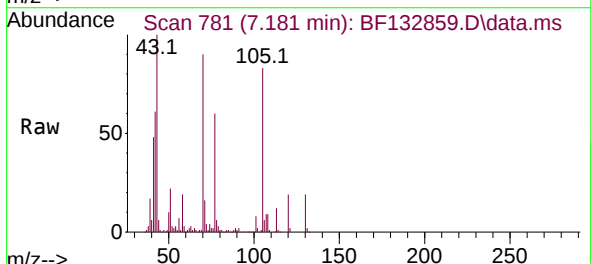
Tgt Ion: 117 Resp: 46561
Ion Ratio Lower Upper
117 100
119 96.7 77.8 116.6
201 105.8 74.2 111.4

Manual Integrations
APPROVED

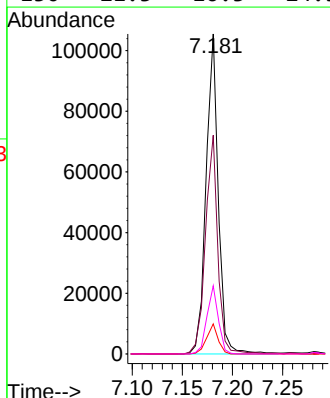
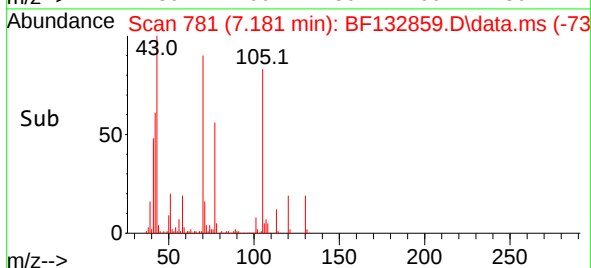
Reviewed By :Christian Giraldo 04/12/2023
Supervised By :Jagrut Upadhyay 04/12/2023

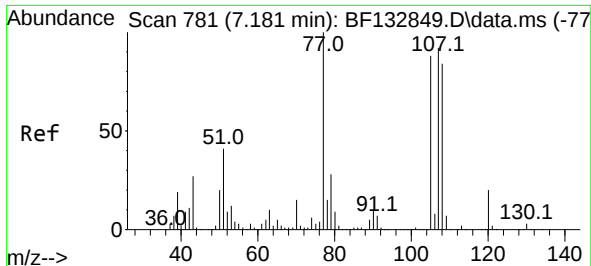


#19
n-Nitroso-di-n-propylamine
Concen: 8.351 ng
RT: 7.181 min Scan# 781
Delta R.T. -0.012 min
Lab File: BF132859.D
Acq: 11 Apr 2023 20:21



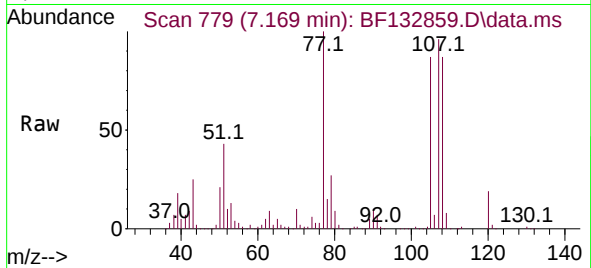
Tgt Ion: 70 Resp: 89011
Ion Ratio Lower Upper
70 100
42 68.3 51.6 77.4
101 9.4 7.5 11.3
130 21.3 16.3 24.5





#20
3+4-Methylphenols
Concen: 8.266 ng
RT: 7.169 min Scan# 71
Delta R.T. -0.012 min
Lab File: BF132859.D
Acq: 11 Apr 2023 20:21

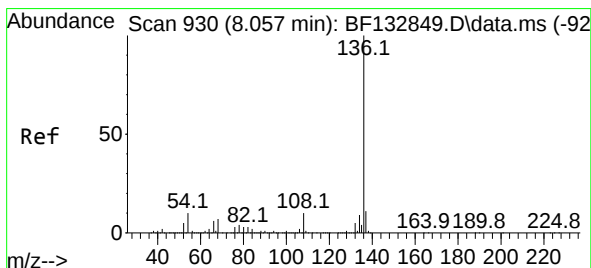
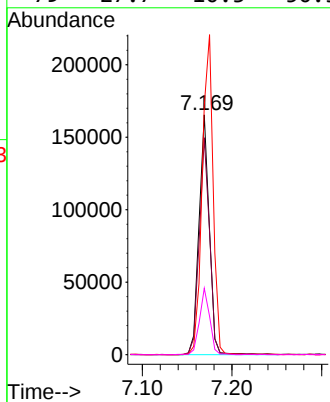
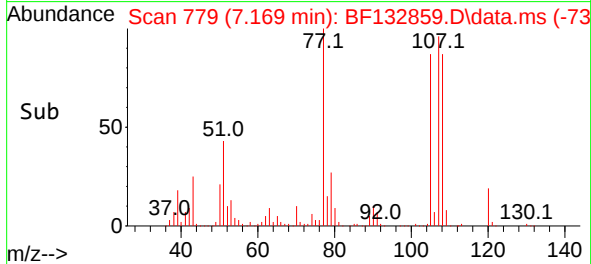
Instrument :
BNA_F
ClientSampleId :
LOD-MDL-WATER-01-QT1-2023



Tgt Ion:107 Resp: 131506
Ion Ratio Lower Upper
107 100
108 90.5 71.1 111.1
77 103.9 88.5 128.5
79 27.7 10.3 50.3

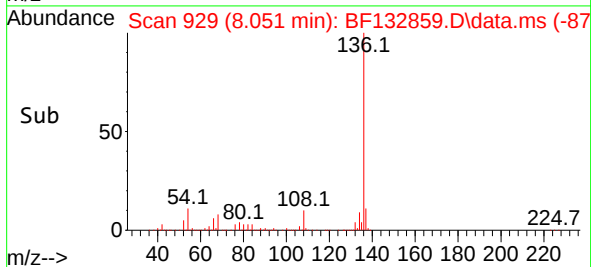
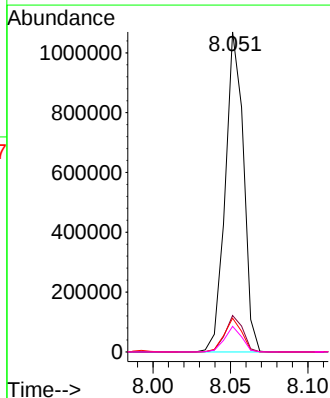
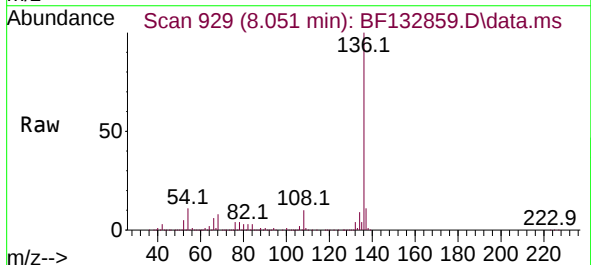
Manual Integrations
APPROVED

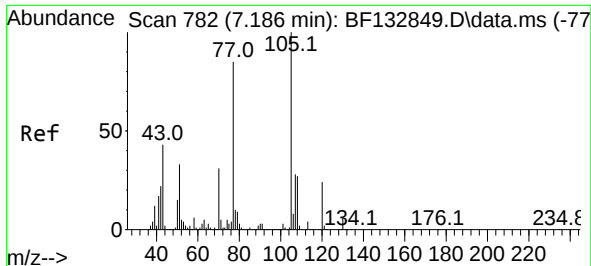
Reviewed By :Christian Giraldo 04/12/2023
Supervised By :Jagrut Upadhyay 04/12/2023



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.051 min Scan# 929
Delta R.T. -0.006 min
Lab File: BF132859.D
Acq: 11 Apr 2023 20:21

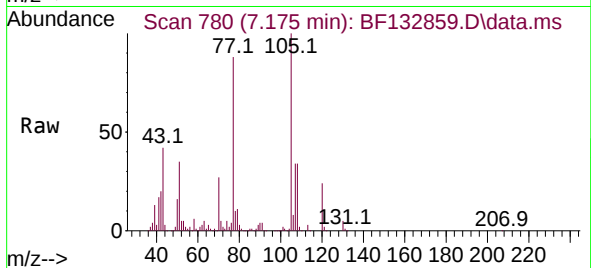
Tgt Ion:136 Resp: 879686
Ion Ratio Lower Upper
136 100
137 11.4 9.0 13.4
54 10.5 8.2 12.2
68 8.0 5.9 8.9





#22
Acetophenone
Concen: 9.040 ng
RT: 7.175 min Scan# 71
Delta R.T. -0.012 min
Lab File: BF132859.D
Acq: 11 Apr 2023 20:21

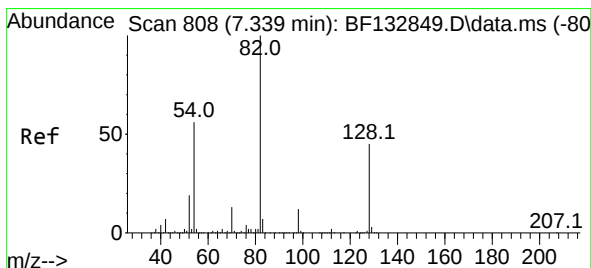
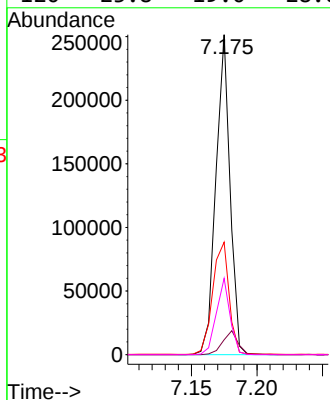
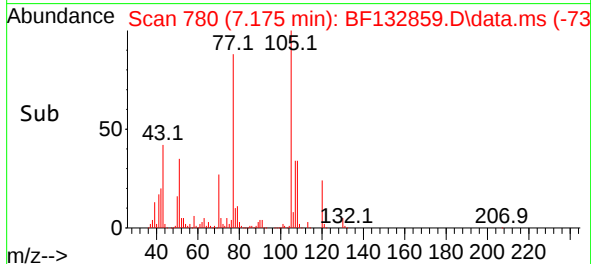
Instrument :
BNA_F
ClientSampleId :
LOD-MDL-WATER-01-QT1-2023



Tgt Ion: 105 Resp: 188452
Ion Ratio Lower Upper
105 100
71 4.6 4.1 6.1
51 35.1 26.6 39.8
120 23.8 19.0 28.6

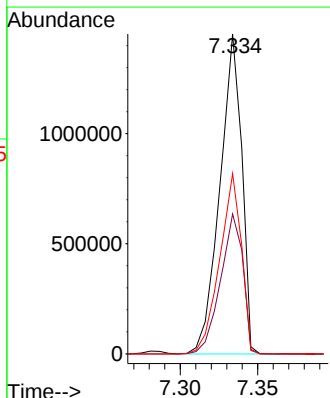
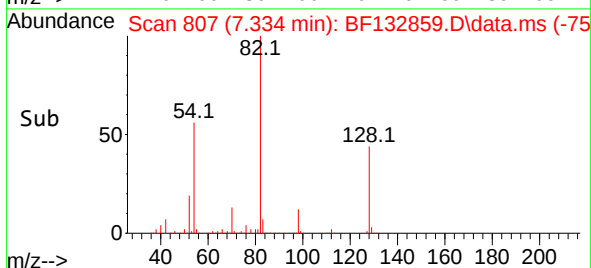
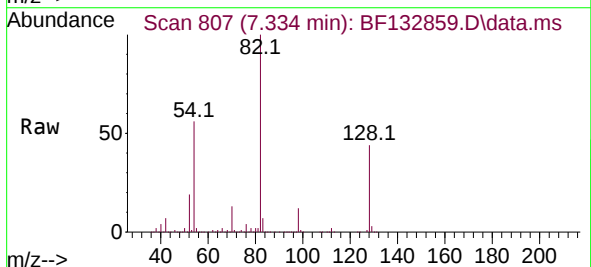
Manual Integrations
APPROVED

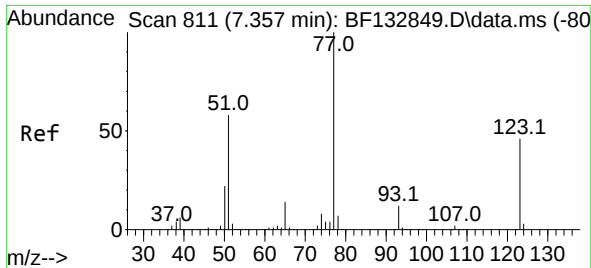
Reviewed By : Christian Giraldo 04/12/2023
Supervised By : Jagrut Upadhyay 04/12/2023



#23
Nitrobenzene-d5
Concen: 83.670 ng
RT: 7.334 min Scan# 807
Delta R.T. -0.006 min
Lab File: BF132859.D
Acq: 11 Apr 2023 20:21

Tgt Ion: 82 Resp: 1422397
Ion Ratio Lower Upper
82 100
128 43.7 35.9 53.9
54 56.3 44.6 67.0





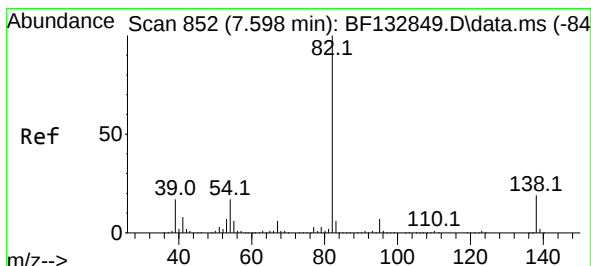
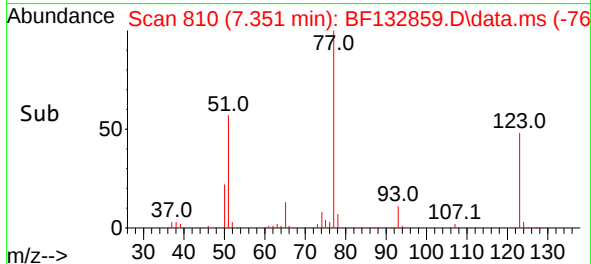
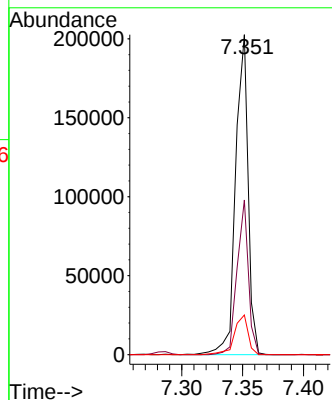
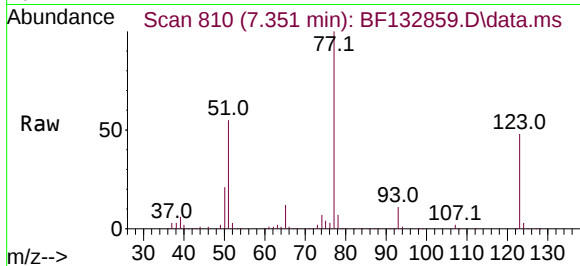
#24
Nitrobenzene
Concen: 8.409 ng
RT: 7.351 min Scan# 811
Delta R.T. -0.006 min
Lab File: BF132859.D
Acq: 11 Apr 2023 20:21

Instrument :
BNA_F
ClientSampleId :
LOD-MDL-WATER-01-QT1-2023

Tgt Ion: 77 Resp: 144850
Ion Ratio Lower Upper
77 100
123 48.4 37.0 55.4
65 12.4 10.8 16.2

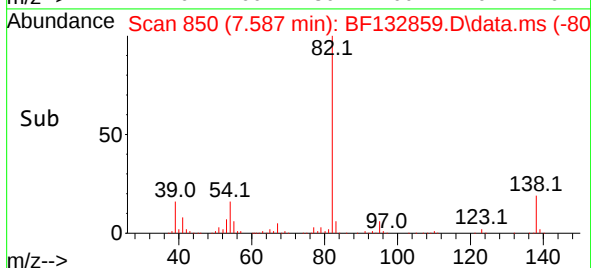
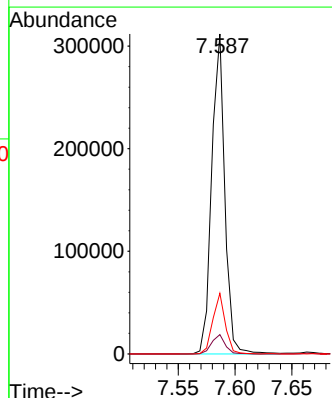
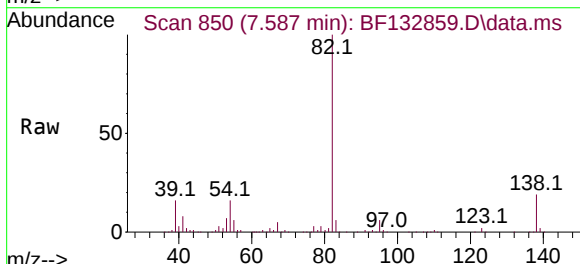
Manual Integrations
APPROVED

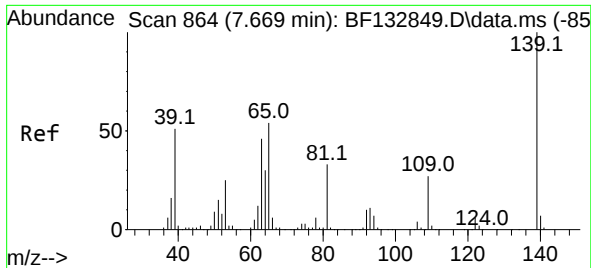
Reviewed By :Christian Giraldo 04/12/2023
Supervised By :Jagrut Upadhyay 04/12/2023



#25
Isophorone
Concen: 8.262 ng
RT: 7.587 min Scan# 850
Delta R.T. -0.012 min
Lab File: BF132859.D
Acq: 11 Apr 2023 20:21

Tgt Ion: 82 Resp: 250431
Ion Ratio Lower Upper
82 100
95 6.0 5.4 8.0
138 18.9 15.2 22.8





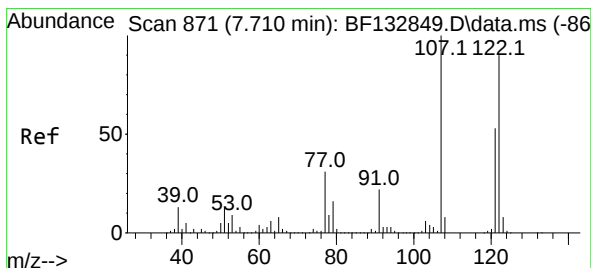
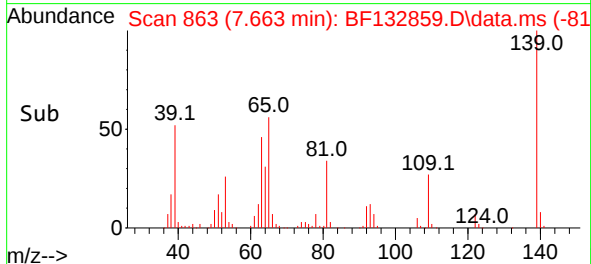
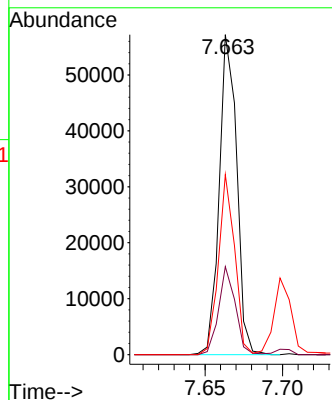
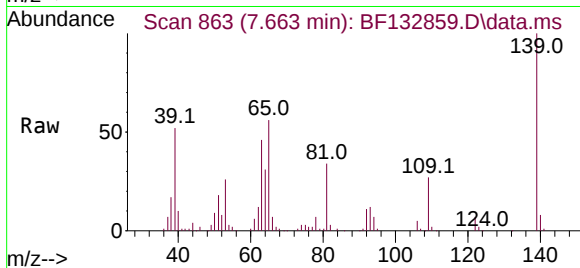
#26
2-Nitrophenol
Concen: 7.295 ng
RT: 7.663 min Scan# 863
Delta R.T. -0.006 min
Lab File: BF132859.D
Acq: 11 Apr 2023 20:21

Instrument :
BNA_F
ClientSampleId :
LOD-MDL-WATER-01-QT1-2023

Tgt Ion:139 Resp: 44823
Ion Ratio Lower Upper
139 100
109 27.5 21.3 31.9
65 56.2 42.9 64.3

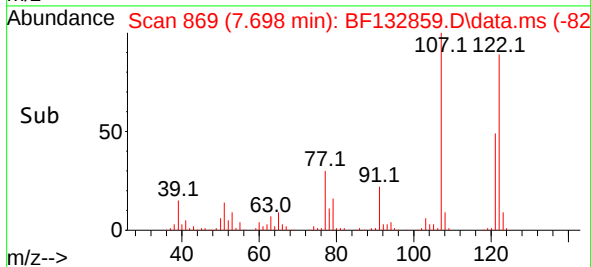
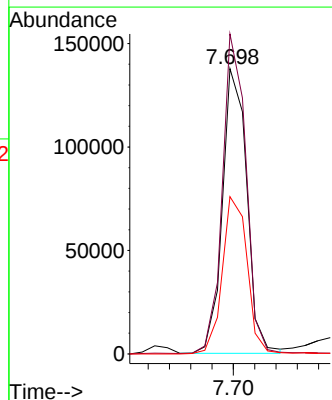
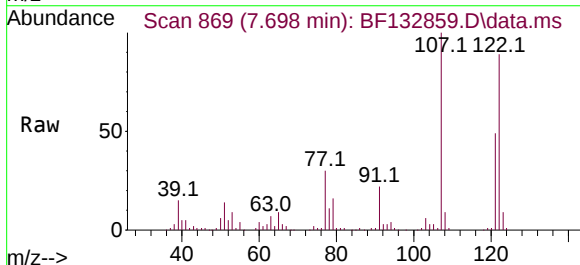
Manual Integrations
APPROVED

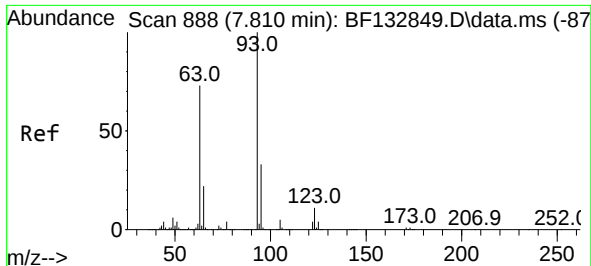
Reviewed By :Christian Giraldo 04/12/2023
Supervised By :Jagrut Upadhyay 04/12/2023



#27
2,4-Dimethylphenol
Concen: 8.796 ng
RT: 7.698 min Scan# 869
Delta R.T. -0.012 min
Lab File: BF132859.D
Acq: 11 Apr 2023 20:21

Tgt Ion:122 Resp: 109195
Ion Ratio Lower Upper
122 100
107 112.2 89.1 133.7
121 55.1 47.1 70.7





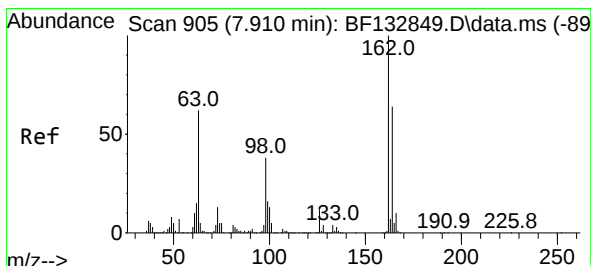
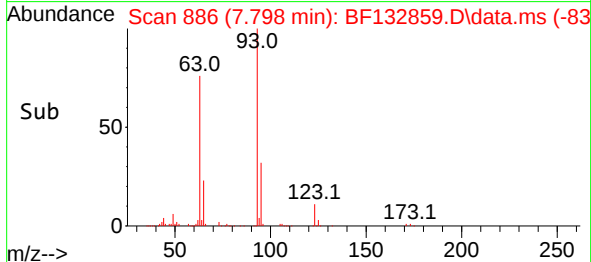
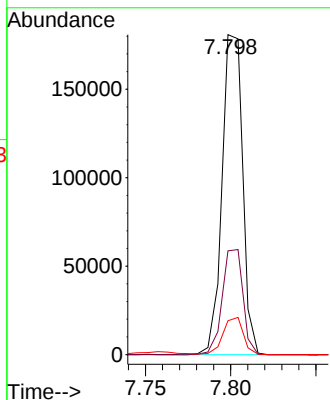
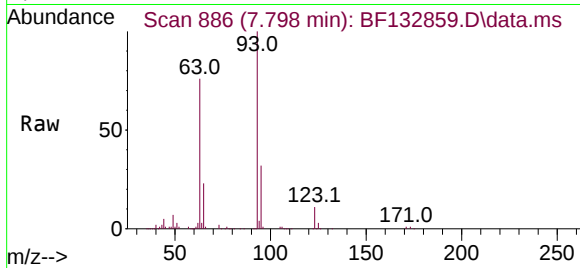
#28
bis(2-Chloroethoxy)methane
Concen: 8.451 ng
RT: 7.798 min Scan# 886
Delta R.T. -0.012 min
Lab File: BF132859.D
Acq: 11 Apr 2023 20:21

Instrument :
BNA_F
ClientSampleId :
LOD-MDL-WATER-01-QT1-2023

Tgt Ion: 93 Resp: 152009
Ion Ratio Lower Upper
93 100
95 32.4 26.3 39.5
123 10.6 9.3 13.9

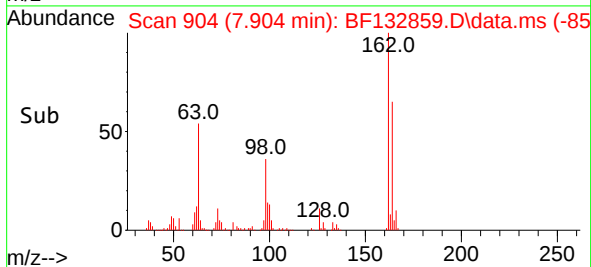
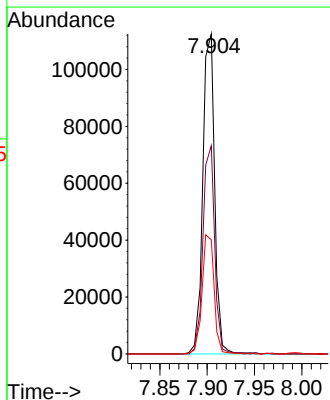
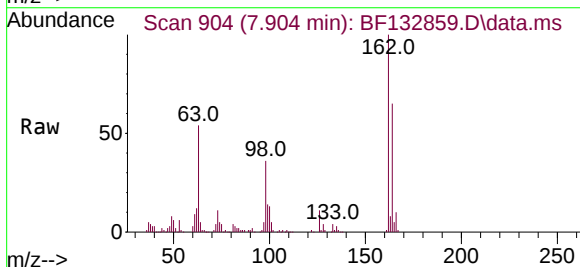
Manual Integrations
APPROVED

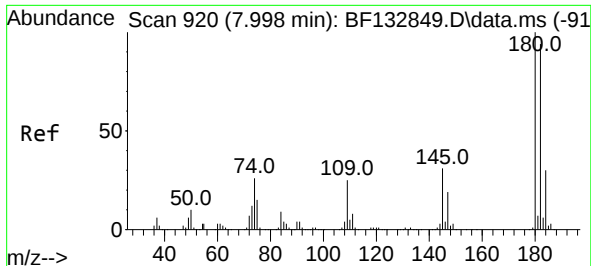
Reviewed By :Christian Giraldo 04/12/2023
Supervised By :Jagrut Upadhyay 04/12/2023



#29
2,4-Dichlorophenol
Concen: 8.325 ng
RT: 7.904 min Scan# 904
Delta R.T. -0.006 min
Lab File: BF132859.D
Acq: 11 Apr 2023 20:21

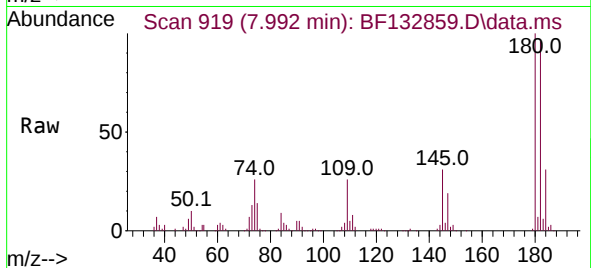
Tgt Ion:162 Resp: 98107
Ion Ratio Lower Upper
162 100
164 65.0 43.5 83.5
98 35.6 18.0 58.0





#30
1,2,4-Trichlorobenzene
Concen: 8.625 ng
RT: 7.992 min Scan# 91
Delta R.T. -0.006 min
Lab File: BF132859.D
Acq: 11 Apr 2023 20:21

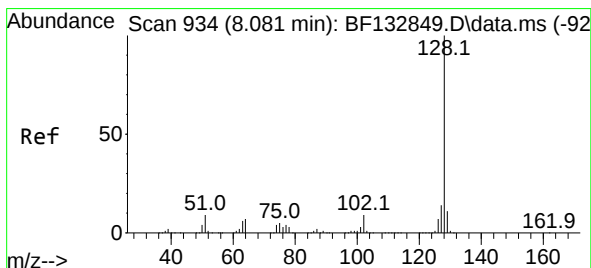
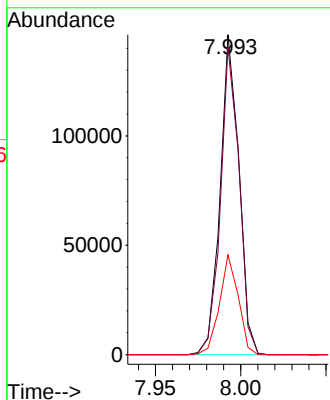
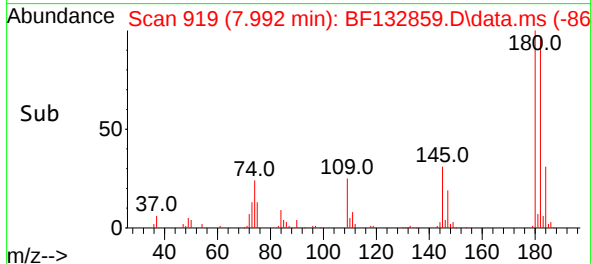
Instrument :
BNA_F
ClientSampleId :
LOD-MDL-WATER-01-QT1-2023



Tgt Ion:180 Resp: 112224
Ion Ratio Lower Upper
180 100
182 96.2 75.5 113.3
145 31.1 24.9 37.3

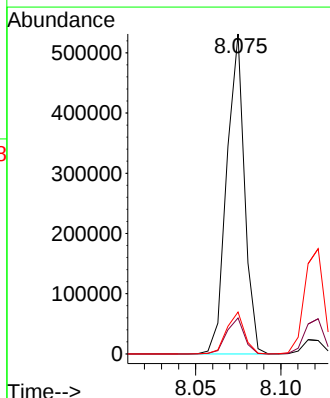
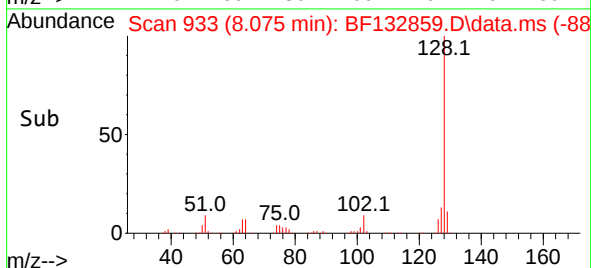
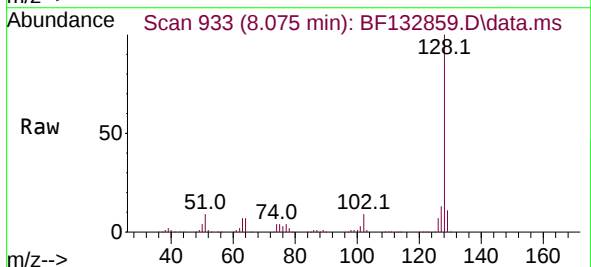
Manual Integrations
APPROVED

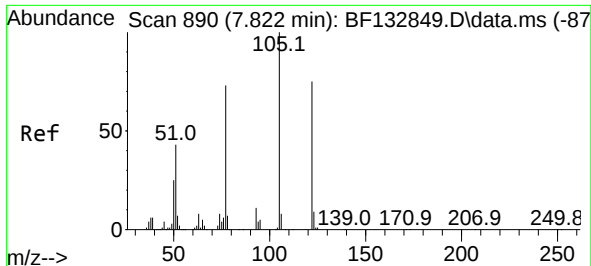
Reviewed By :Christian Giraldo 04/12/2023
Supervised By :Jagrut Upadhyay 04/12/2023



#31
Naphthalene
Concen: 8.588 ng
RT: 8.075 min Scan# 933
Delta R.T. -0.006 min
Lab File: BF132859.D
Acq: 11 Apr 2023 20:21

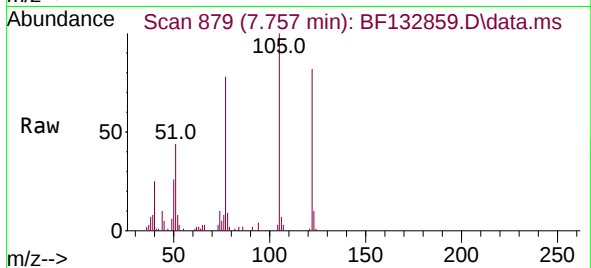
Tgt Ion:128 Resp: 385525
Ion Ratio Lower Upper
128 100
129 11.2 8.9 13.3
127 13.1 10.9 16.3





#32
Benzoic acid
Concen: 10.046 ng
RT: 7.757 min Scan# 81
Delta R.T. -0.065 min
Lab File: BF132859.D
Acq: 11 Apr 2023 20:21

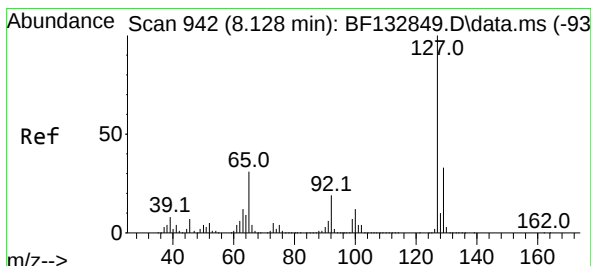
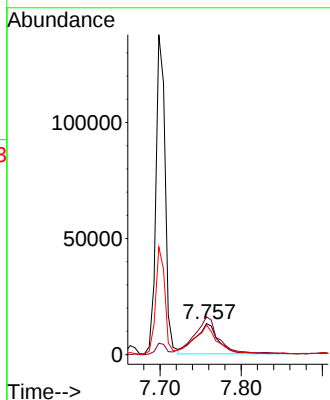
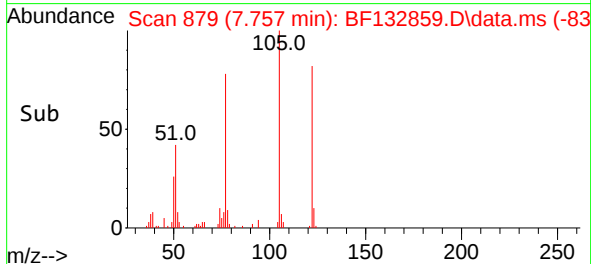
Instrument :
BNA_F
ClientSampleId :
LOD-MDL-WATER-01-QT1-2023



Tgt Ion:122 Resp: 26032
Ion Ratio Lower Upper
122 100
105 122.0 109.5 149.5
77 95.1 74.9 114.9

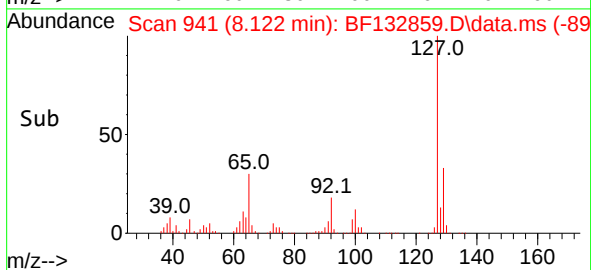
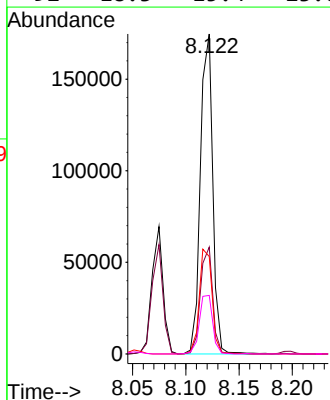
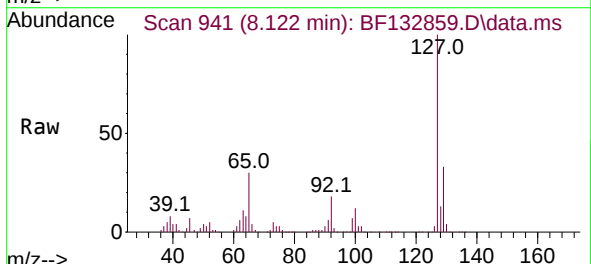
Manual Integrations
APPROVED

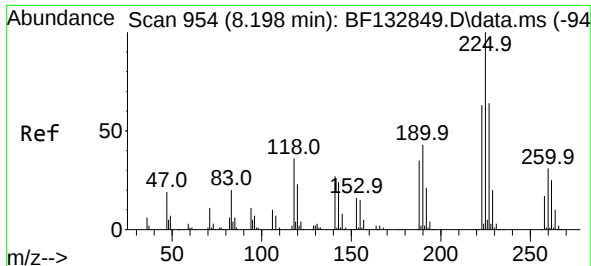
Reviewed By :Christian Giraldo 04/12/2023
Supervised By :Jagrut Upadhyay 04/12/2023



#33
4-Chloroaniline
Concen: 7.862 ng
RT: 8.122 min Scan# 941
Delta R.T. -0.006 min
Lab File: BF132859.D
Acq: 11 Apr 2023 20:21

Tgt Ion:127 Resp: 140197
Ion Ratio Lower Upper
127 100
129 33.4 26.5 39.7
65 30.4 24.7 37.1
92 18.3 15.4 23.0





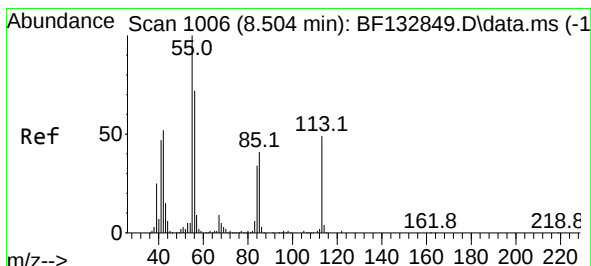
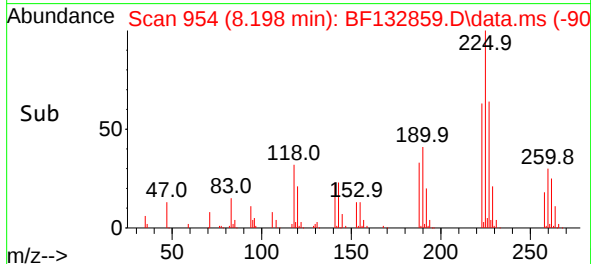
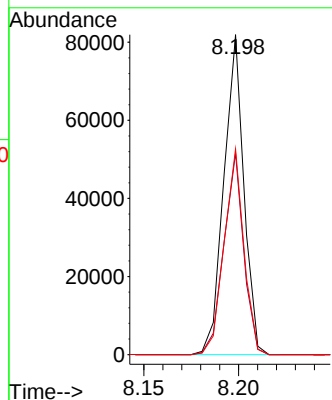
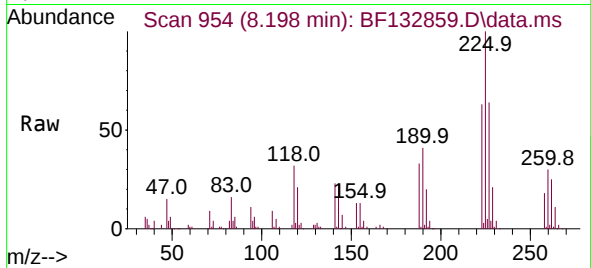
#34
Hexachlorobutadiene
Concen: 8.503 ng
RT: 8.198 min Scan# 91
Delta R.T. 0.000 min
Lab File: BF132859.D
Acq: 11 Apr 2023 20:21

Instrument :
BNA_F
ClientSampleId :
LOD-MDL-WATER-01-QT1-2023

Tgt Ion:225 Resp: 60231
Ion Ratio Lower Upper
225 100
223 63.0 50.1 75.1
227 64.3 51.1 76.7

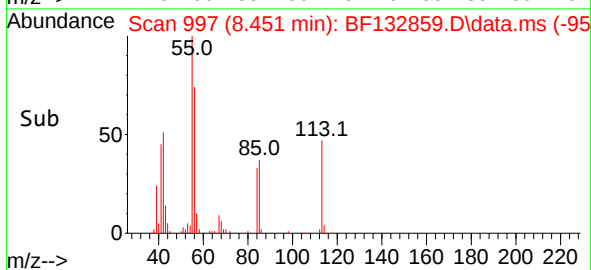
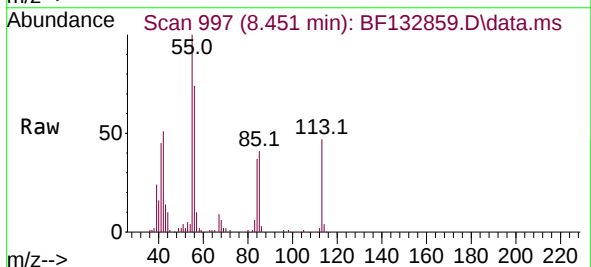
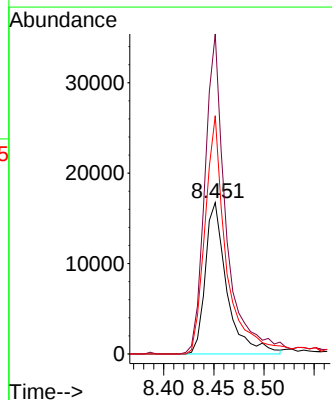
Manual Integrations
APPROVED

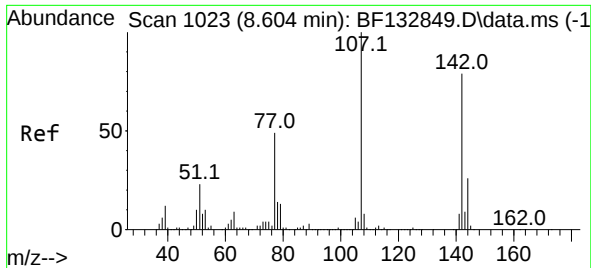
Reviewed By :Christian Giraldo 04/12/2023
Supervised By :Jagrut Upadhyay 04/12/2023



#35
Caprolactam
Concen: 11.872 ng
RT: 8.451 min Scan# 997
Delta R.T. -0.053 min
Lab File: BF132859.D
Acq: 11 Apr 2023 20:21

Tgt Ion:113 Resp: 25036
Ion Ratio Lower Upper
113 100
55 211.5 183.9 223.9
56 157.4 127.6 167.6





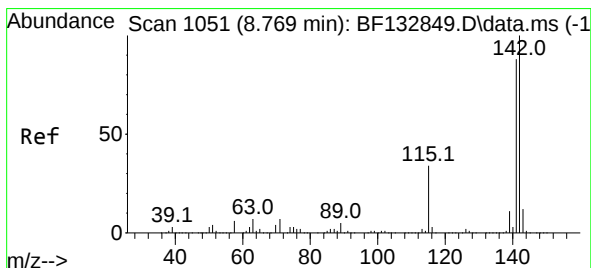
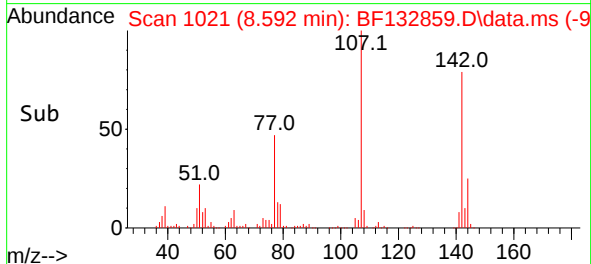
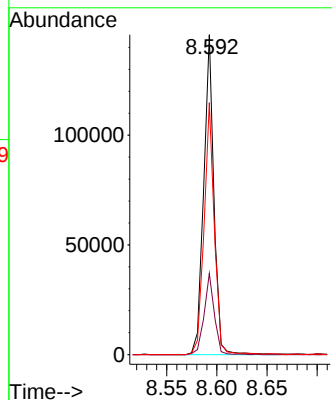
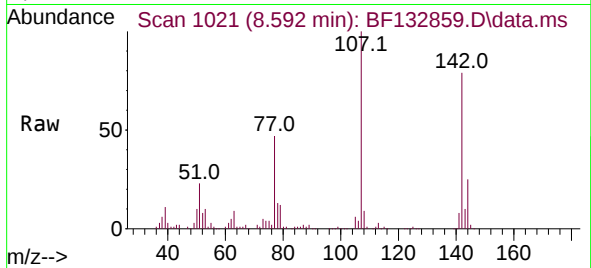
#36
4-Chloro-3-methylphenol
Concen: 8.198 ng
RT: 8.592 min Scan# 1021
Delta R.T. -0.012 min
Lab File: BF132859.D
Acq: 11 Apr 2023 20:21

Instrument : BNA_F
ClientSampleId : LOD-MDL-WATER-01-QT1-2023

Tgt Ion:107 Resp: 103058
Ion Ratio Lower Upper
107 100
144 25.4 21.0 31.4
142 78.7 62.8 94.2

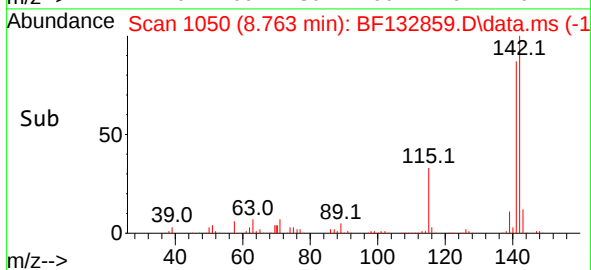
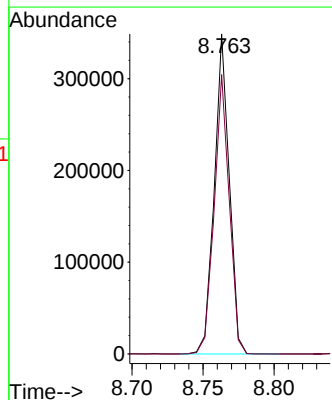
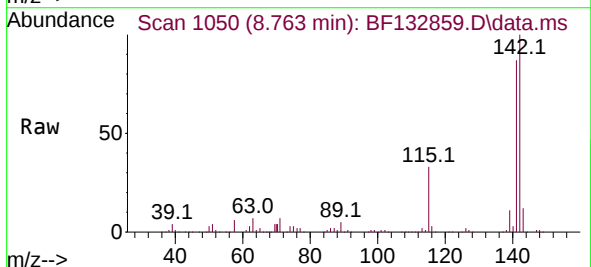
Manual Integrations
APPROVED

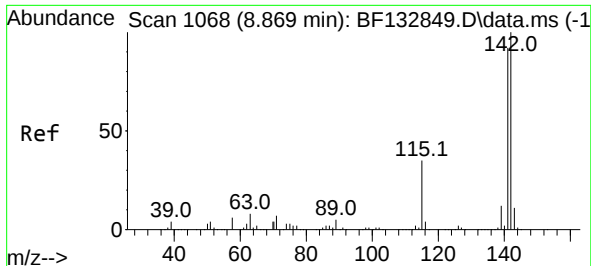
Reviewed By :Christian Giraldo 04/12/2023
Supervised By :Jagrut Upadhyay 04/12/2023



#37
2-Methylnaphthalene
Concen: 8.524 ng
RT: 8.763 min Scan# 1050
Delta R.T. -0.006 min
Lab File: BF132859.D
Acq: 11 Apr 2023 20:21

Tgt Ion:142 Resp: 255913
Ion Ratio Lower Upper
142 100
141 87.3 70.7 106.1





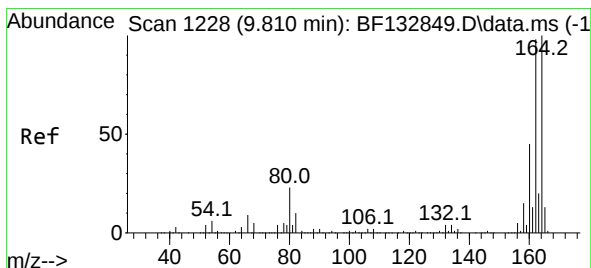
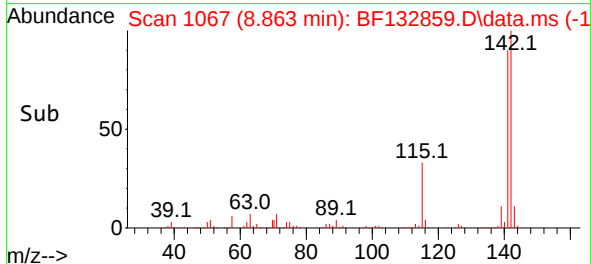
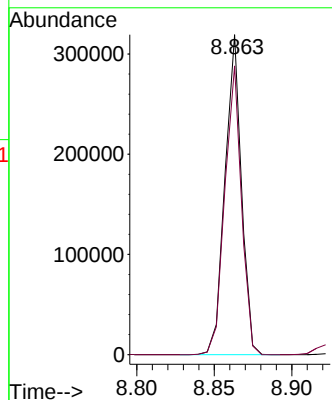
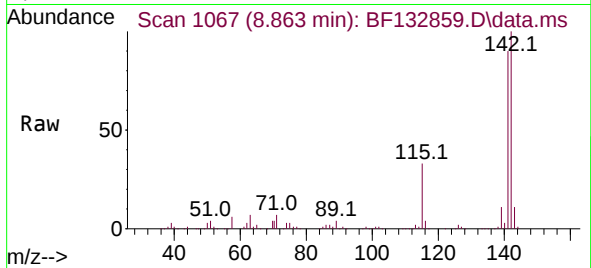
#38
1-Methylnaphthalene
Concen: 8.439 ng
RT: 8.863 min Scan# 1068
Delta R.T. -0.006 min
Lab File: BF132859.D
Acq: 11 Apr 2023 20:21

Instrument : BNA_F
ClientSampleId :
LOD-MDL-WATER-01-QT1-2023

Tgt Ion:142 Resp: 236294
Ion Ratio Lower Upper
142 100
141 90.2 73.8 110.8

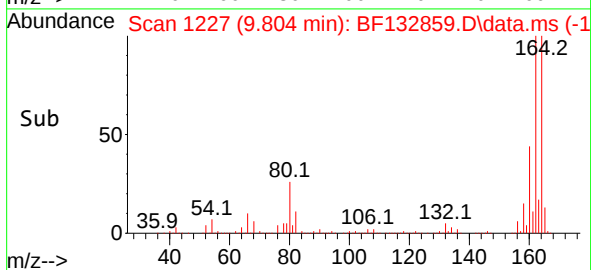
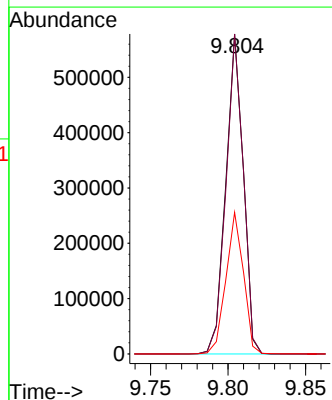
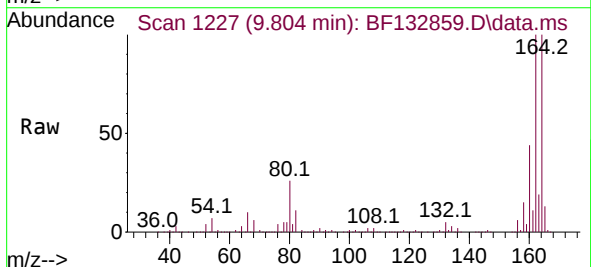
Manual Integrations
APPROVED

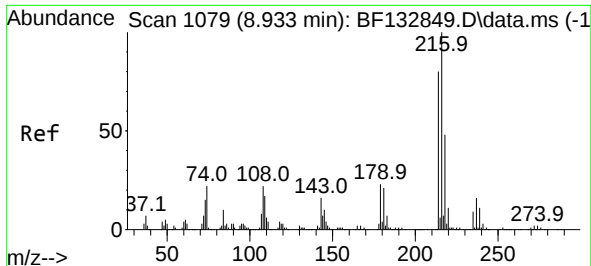
Reviewed By :Christian Giraldo 04/12/2023
Supervised By :Jagrut Upadhyay 04/12/2023



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.804 min Scan# 1227
Delta R.T. -0.006 min
Lab File: BF132859.D
Acq: 11 Apr 2023 20:21

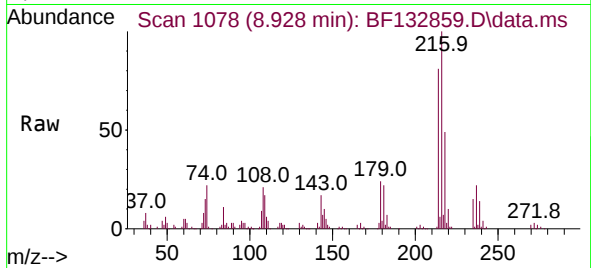
Tgt Ion:164 Resp: 455755
Ion Ratio Lower Upper
164 100
162 99.9 78.1 117.1
160 44.2 35.7 53.5





#40
1,2,4,5-Tetrachlorobenzene
Concen: 8.393 ng
RT: 8.928 min Scan# 1078
Delta R.T. -0.006 min
Lab File: BF132859.D
Acq: 11 Apr 2023 20:21

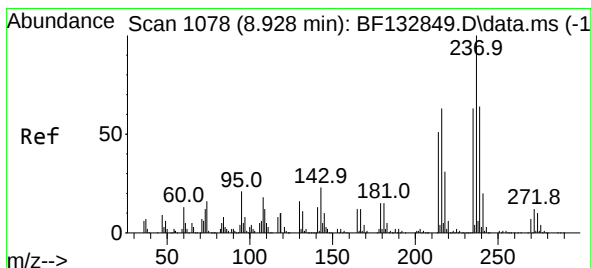
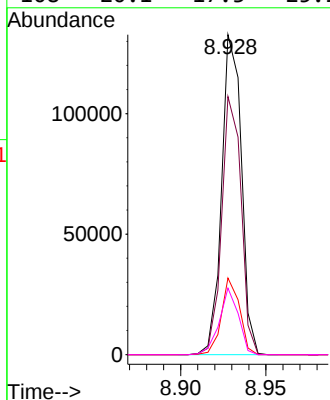
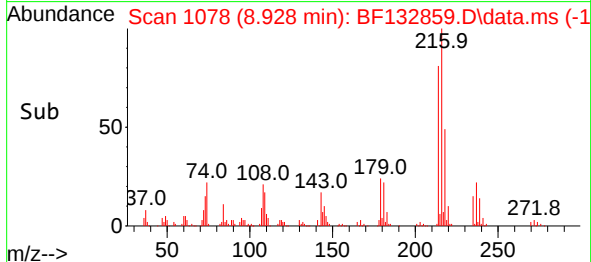
Instrument : BNA_F
ClientSampleId : LOD-MDL-WATER-01-QT1-2023



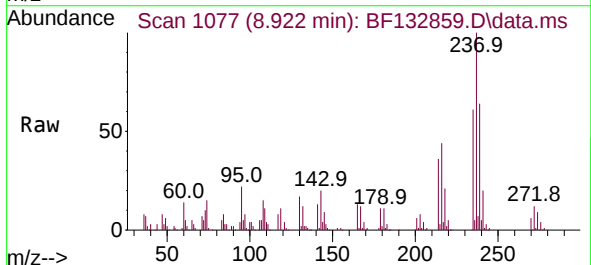
Tgt Ion:216 Resp: 106783
Ion Ratio Lower Upper
216 100
214 79.2 63.4 95.0
179 22.1 17.7 26.5
108 20.1 17.3 25.9

Manual Integrations
APPROVED

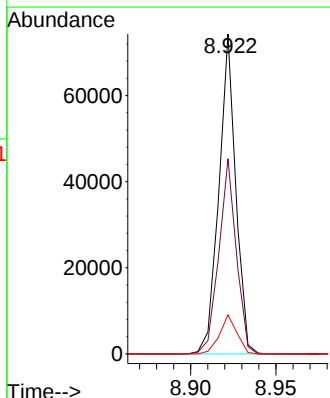
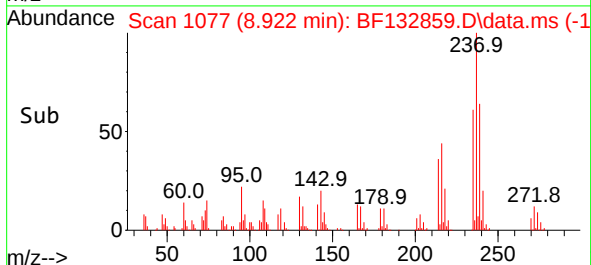
Reviewed By :Christian Giraldo 04/12/2023
Supervised By :Jagrut Upadhyay 04/12/2023

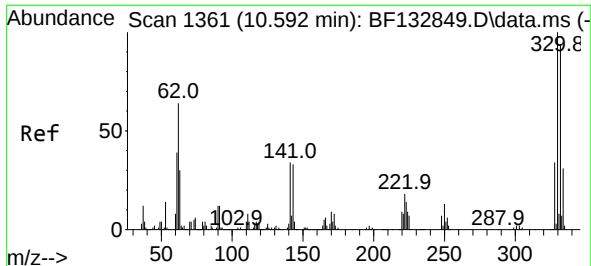


#41
Hexachlorocyclopentadiene
Concen: 7.460 ng
RT: 8.922 min Scan# 1077
Delta R.T. -0.006 min
Lab File: BF132859.D
Acq: 11 Apr 2023 20:21



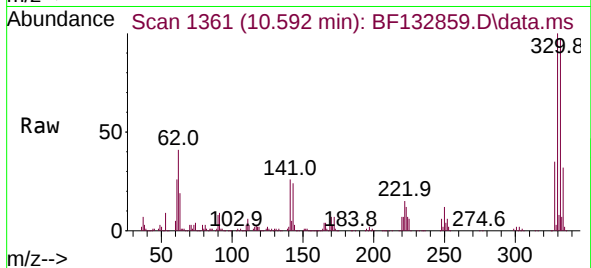
Tgt Ion:237 Resp: 51096
Ion Ratio Lower Upper
237 100
235 61.0 43.4 83.4
272 12.2 0.0 32.4





#42
2,4,6-Tribromophenol
Concen: 125.311 ng
RT: 10.592 min Scan# 1361
Delta R.T. 0.000 min
Lab File: BF132859.D
Acq: 11 Apr 2023 20:21

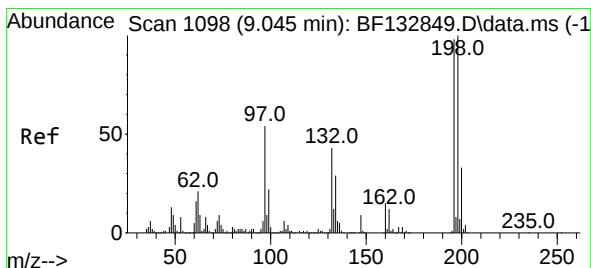
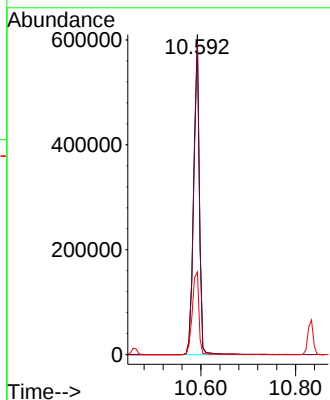
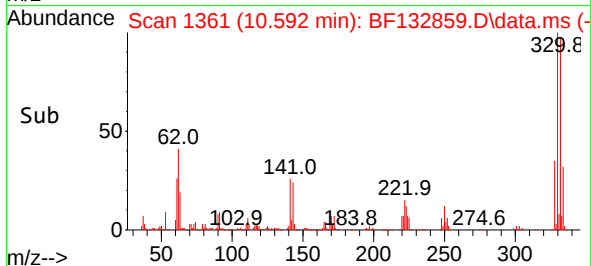
Instrument :
BNA_F
ClientSampleId :
LOD-MDL-WATER-01-QT1-2023



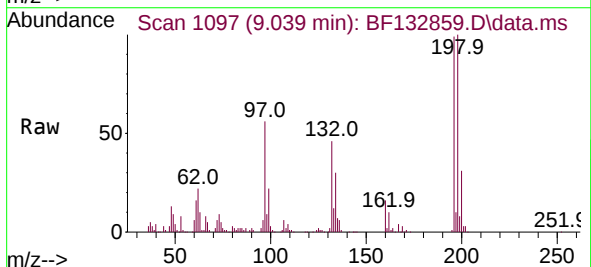
Tgt Ion:330 Resp: 507564
Ion Ratio Lower Upper
330 100
332 96.8 76.1 114.1
141 29.9 25.9 38.9

Manual Integrations
APPROVED

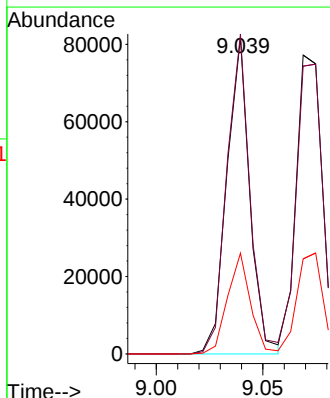
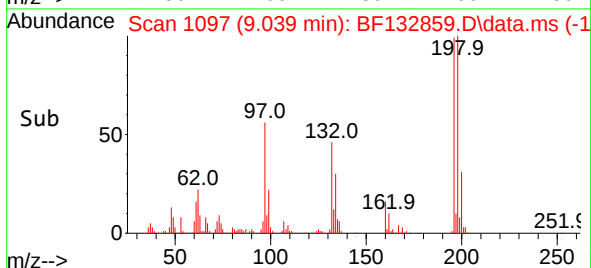
Reviewed By :Christian Giraldo 04/12/2023
Supervised By :Jagrut Upadhyay 04/12/2023

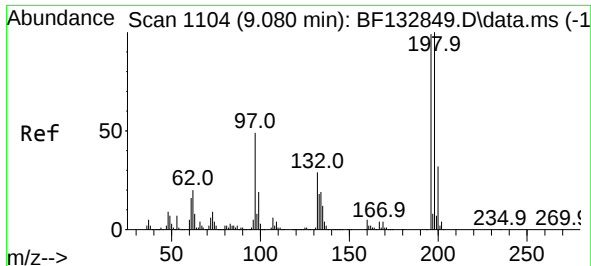


#43
2,4,6-Trichlorophenol
Concen: 7.852 ng
RT: 9.039 min Scan# 1097
Delta R.T. -0.006 min
Lab File: BF132859.D
Acq: 11 Apr 2023 20:21



Tgt Ion:196 Resp: 61368
Ion Ratio Lower Upper
196 100
198 101.1 81.4 122.0
200 31.8 26.7 40.1





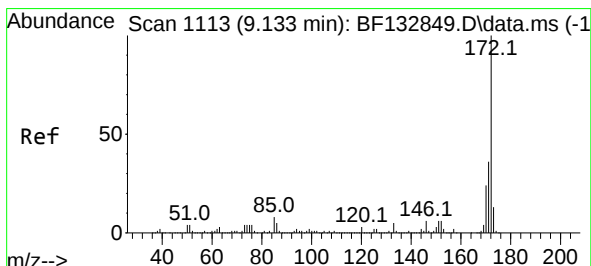
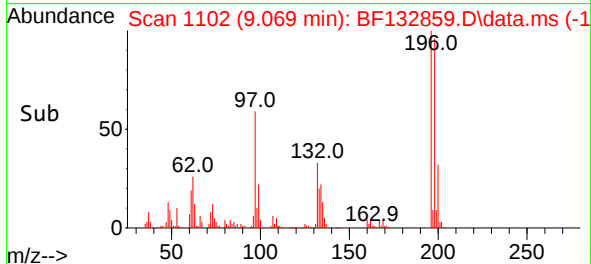
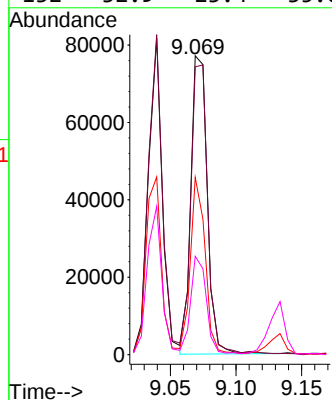
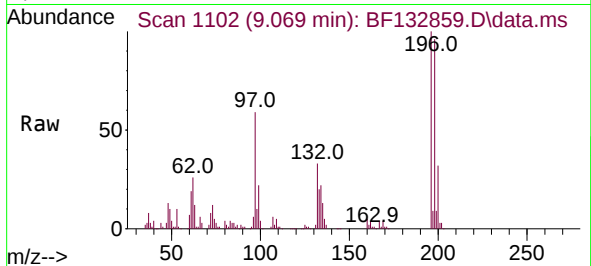
#44
2,4,5-Trichlorophenol
Concen: 7.294 ng
RT: 9.069 min Scan# 1104
Delta R.T. -0.012 min
Lab File: BF132859.D
Acq: 11 Apr 2023 20:21

Instrument :
BNA_F
ClientSampleId :
LOD-MDL-WATER-01-QT1-2023

Tgt Ion:196 Resp: 67323
Ion Ratio Lower Upper
196 100
198 96.3 80.6 121.0
97 59.3 39.4 59.2
132 32.9 23.4 35.0

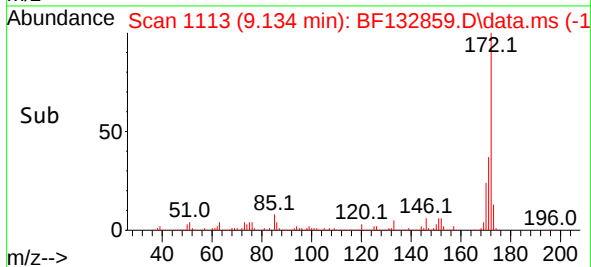
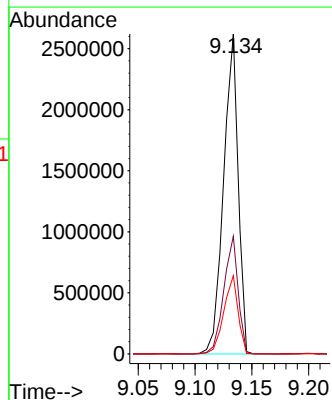
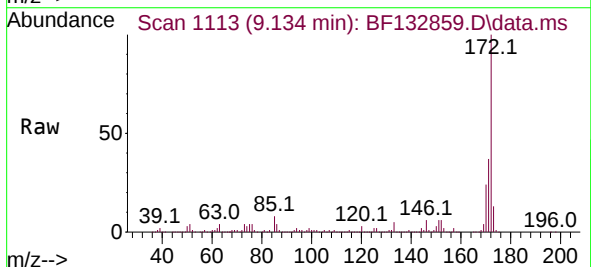
Manual Integrations
APPROVED

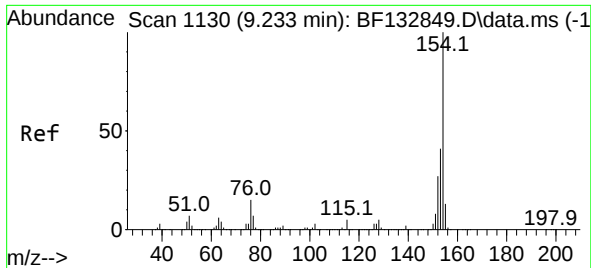
Reviewed By :Christian Giraldo 04/12/2023
Supervised By :Jagrut Upadhyay 04/12/2023



#45
2-Fluorobiphenyl
Concen: 80.954 ng
RT: 9.134 min Scan# 1113
Delta R.T. 0.001 min
Lab File: BF132859.D
Acq: 11 Apr 2023 20:21

Tgt Ion:172 Resp: 2332270
Ion Ratio Lower Upper
172 100
171 36.8 28.6 42.8
170 24.4 19.3 28.9





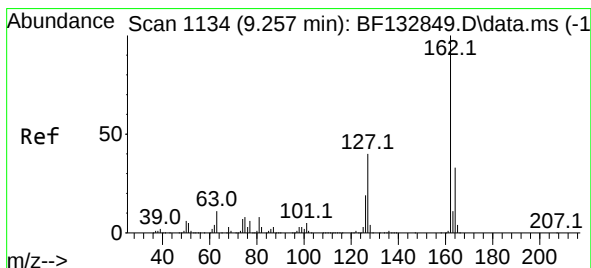
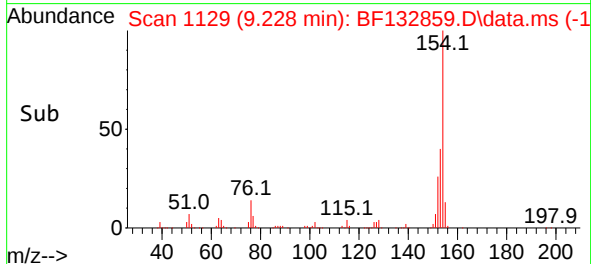
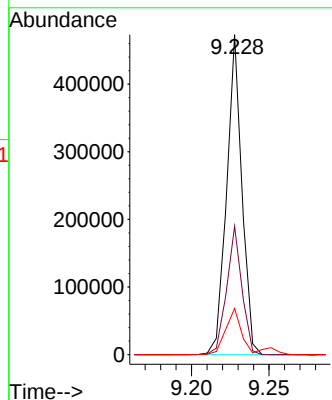
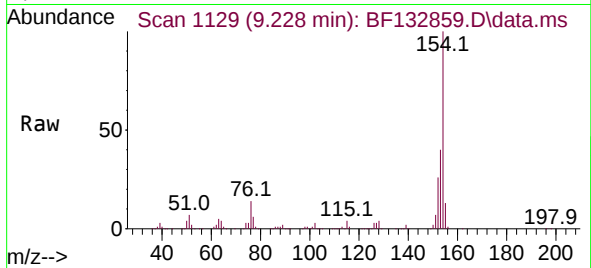
#46
1,1'-Biphenyl
Concen: 8.855 ng
RT: 9.228 min Scan# 1129
Delta R.T. -0.005 min
Lab File: BF132859.D
Acq: 11 Apr 2023 20:21

Instrument : BNA_F
ClientSampleId :
LOD-MDL-WATER-01-QT1-2023

Tgt Ion:154 Resp: 325263
Ion Ratio Lower Upper
154 100
153 40.1 20.7 60.7
76 14.4 0.0 34.8

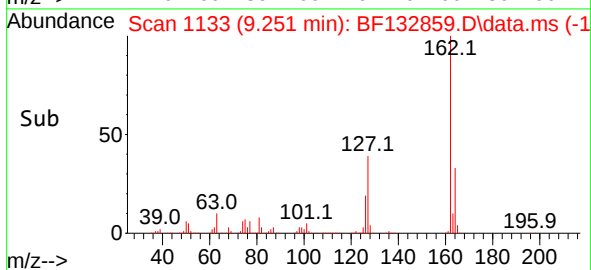
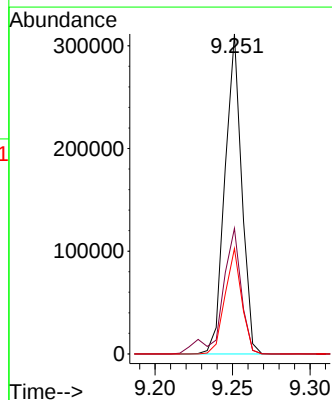
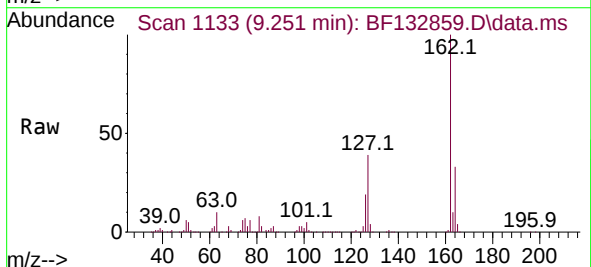
Manual Integrations
APPROVED

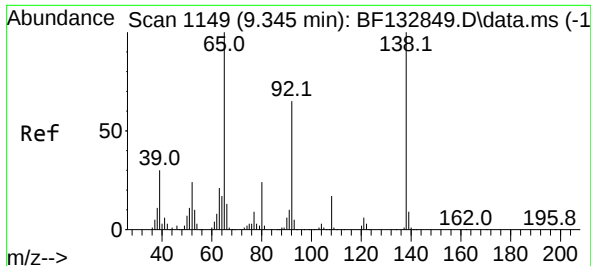
Reviewed By :Christian Giraldo 04/12/2023
Supervised By :Jagrut Upadhyay 04/12/2023



#47
2-Chloronaphthalene
Concen: 8.690 ng
RT: 9.251 min Scan# 1133
Delta R.T. -0.006 min
Lab File: BF132859.D
Acq: 11 Apr 2023 20:21

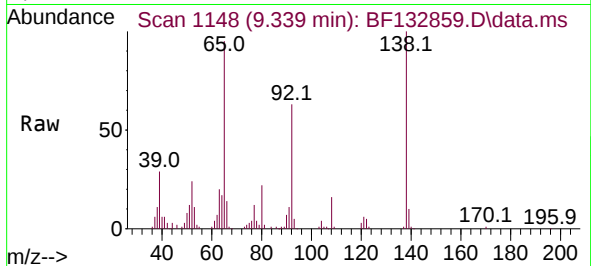
Tgt Ion:162 Resp: 233671
Ion Ratio Lower Upper
162 100
127 39.2 32.1 48.1
164 32.9 26.6 40.0





#48
2-Nitroaniline
Concen: 8.123 ng
RT: 9.339 min Scan# 1149
Delta R.T. -0.006 min
Lab File: BF132859.D
Acq: 11 Apr 2023 20:21

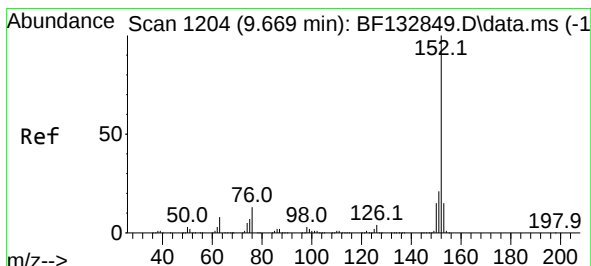
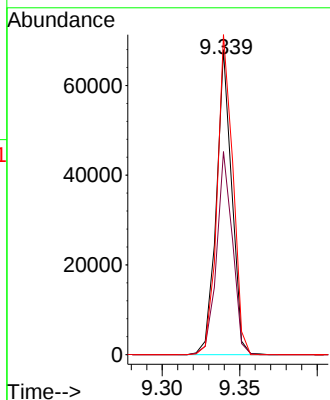
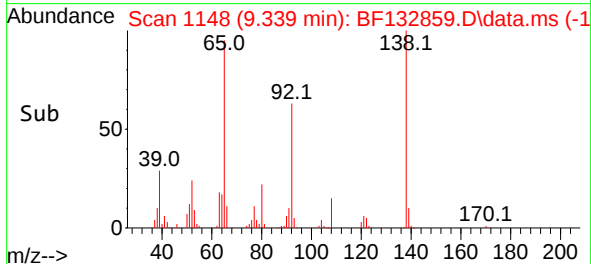
Instrument :
BNA_F
ClientSampleId :
LOD-MDL-WATER-01-QT1-2023



Tgt Ion: 65 Resp: 47024
Ion Ratio Lower Upper
65 100
92 66.6 52.2 78.2
138 105.0 80.3 120.5

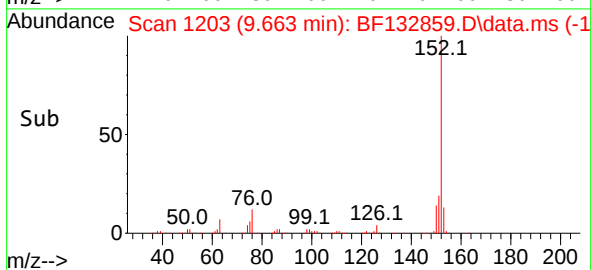
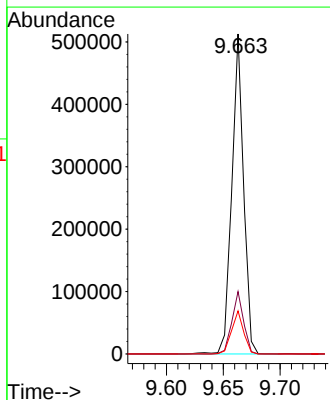
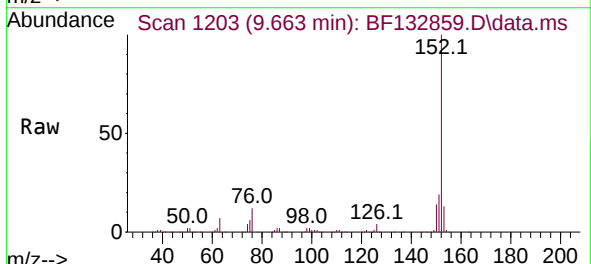
Manual Integrations
APPROVED

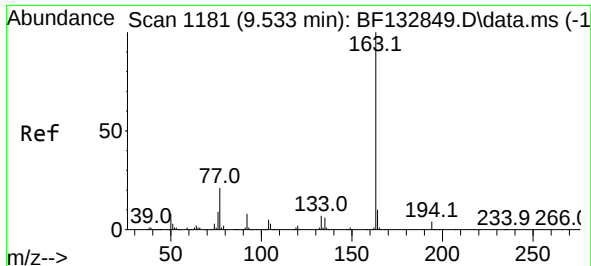
Reviewed By :Christian Giraldo 04/12/2023
Supervised By :Jagrut Upadhyay 04/12/2023



#49
Acenaphthylene
Concen: 8.508 ng
RT: 9.663 min Scan# 1203
Delta R.T. -0.006 min
Lab File: BF132859.D
Acq: 11 Apr 2023 20:21

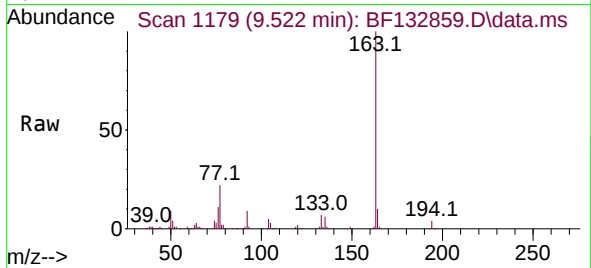
Tgt Ion:152 Resp: 369847
Ion Ratio Lower Upper
152 100
151 19.5 16.6 25.0
153 13.4 11.7 17.5





#50
Dimethylphthalate
Concen: 8.205 ng
RT: 9.522 min Scan# 1179
Delta R.T. -0.012 min
Lab File: BF132859.D
Acq: 11 Apr 2023 20:21

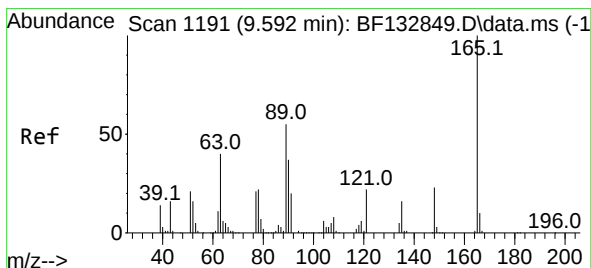
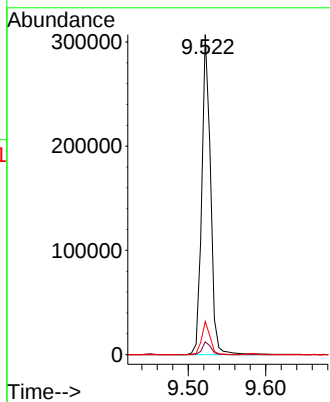
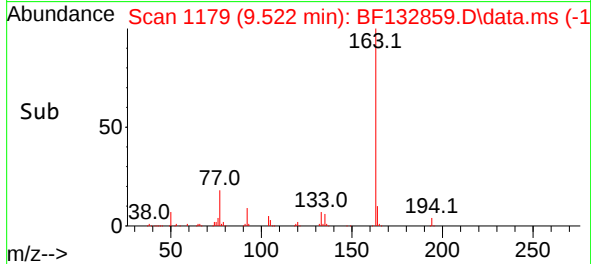
Instrument : BNA_F
ClientSampleId : LOD-MDL-WATER-01-QT1-2023



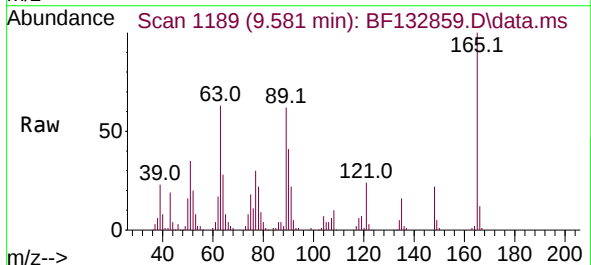
Tgt Ion:163 Resp: 241466
Ion Ratio Lower Upper
163 100
194 4.0 3.3 4.9
164 10.3 8.3 12.5

Manual Integrations
APPROVED

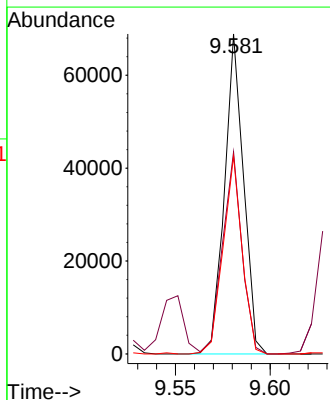
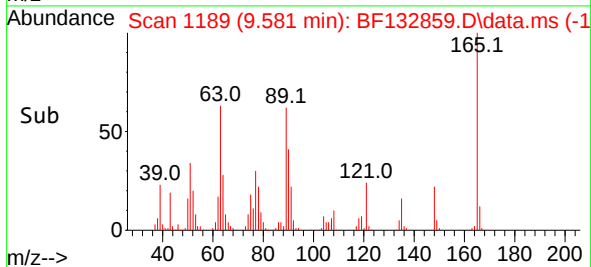
Reviewed By :Christian Giraldo 04/12/2023
Supervised By :Jagrut Upadhyay 04/12/2023

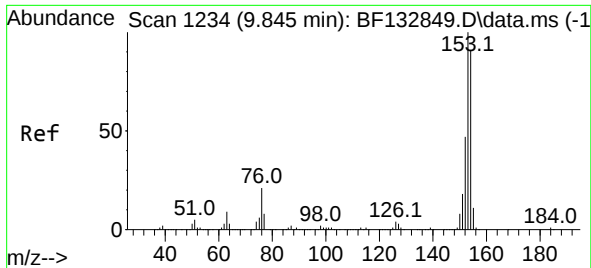


#51
2,6-Dinitrotoluene
Concen: 7.186 ng
RT: 9.581 min Scan# 1189
Delta R.T. -0.011 min
Lab File: BF132859.D
Acq: 11 Apr 2023 20:21



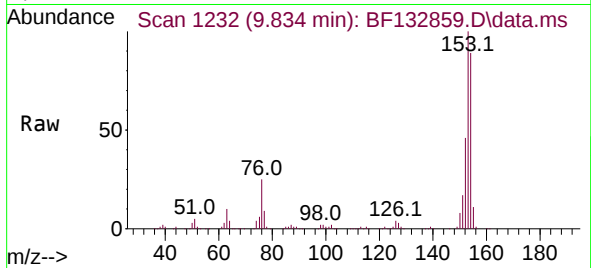
Tgt Ion:165 Resp: 48246
Ion Ratio Lower Upper
165 100
63 63.1 46.7 70.1
89 61.8 44.1 66.1





#52
Acenaphthene
Concen: 8.342 ng
RT: 9.834 min Scan# 1217
Delta R.T. -0.011 min
Lab File: BF132859.D
Acq: 11 Apr 2023 20:21

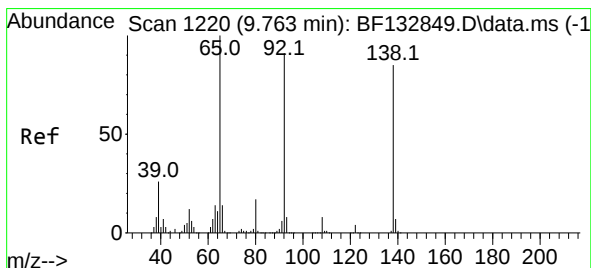
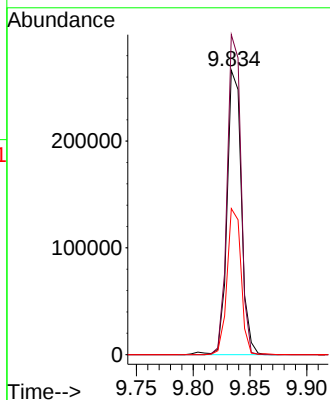
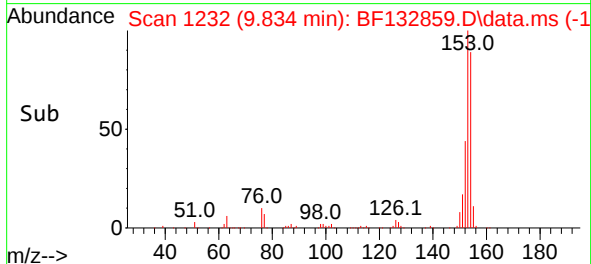
Instrument : BNA_F
ClientSampleId : LOD-MDL-WATER-01-QT1-2023



Tgt Ion:154 Resp: 232989
Ion Ratio Lower Upper
154 100
153 112.6 88.2 132.2
152 51.3 41.6 62.4

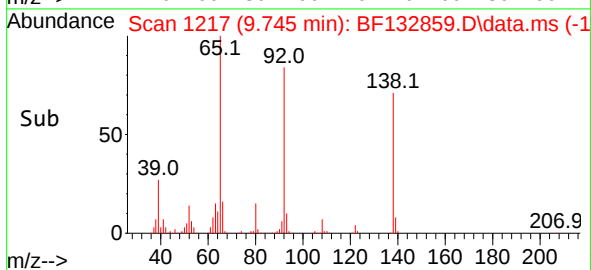
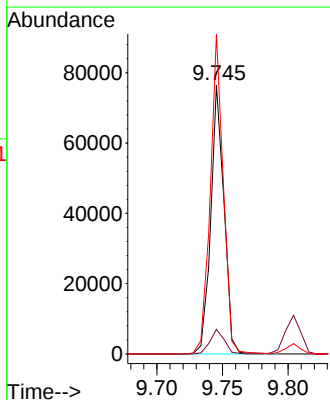
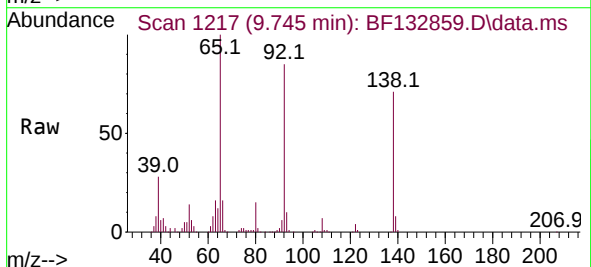
Manual Integrations
APPROVED

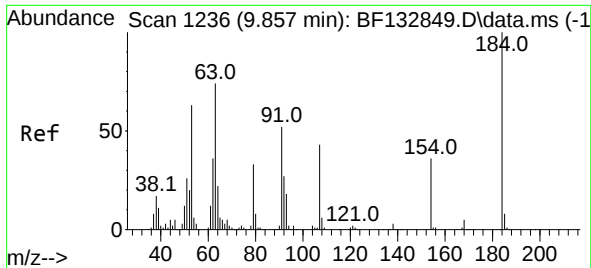
Reviewed By :Christian Giraldo 04/12/2023
Supervised By :Jagrut Upadhyay 04/12/2023



#53
3-Nitroaniline
Concen: 6.876 ng
RT: 9.745 min Scan# 1217
Delta R.T. -0.018 min
Lab File: BF132859.D
Acq: 11 Apr 2023 20:21

Tgt Ion:138 Resp: 53407
Ion Ratio Lower Upper
138 100
108 9.2 7.2 10.8
92 119.0 85.4 128.2





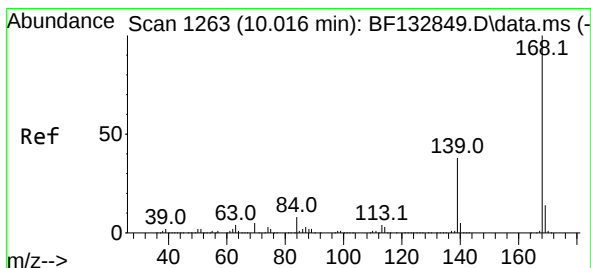
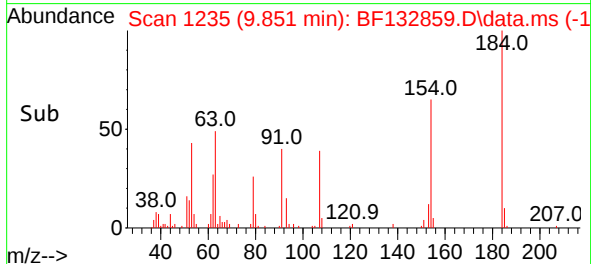
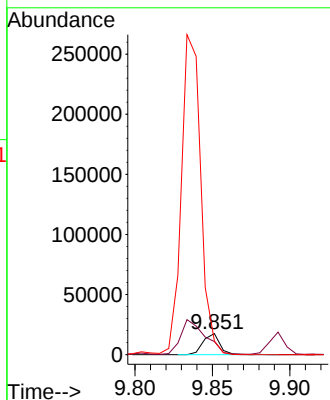
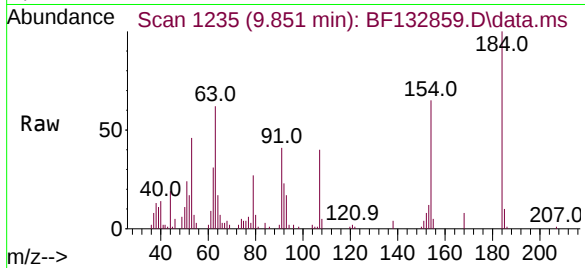
#54
2,4-Dinitrophenol
Concen: 4.618 ng
RT: 9.851 min Scan# 1235
Delta R.T. -0.006 min
Lab File: BF132859.D
Acq: 11 Apr 2023 20:21

Instrument :
BNA_F
ClientSampleId :
LOD-MDL-WATER-01-QT1-2023

Tgt Ion:184 Resp: 13104
Ion Ratio Lower Upper
184 100
63 61.9 62.8 94.2
154 64.7 51.7 77.5

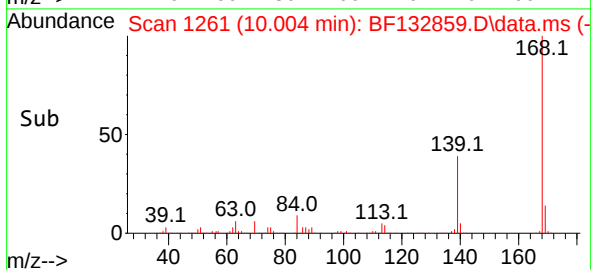
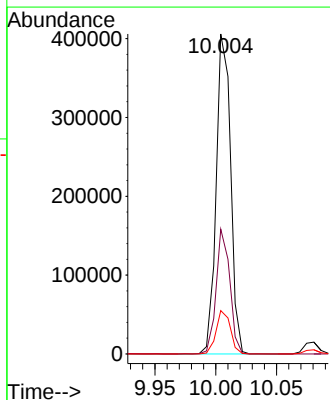
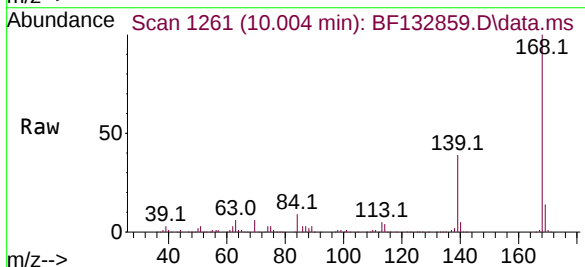
Manual Integrations
APPROVED

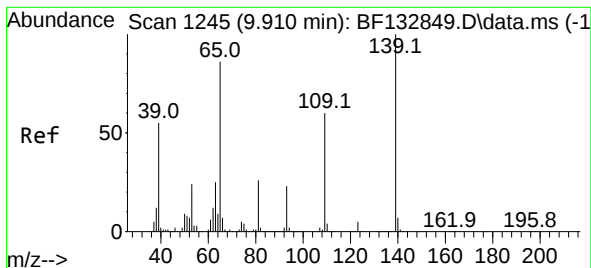
Reviewed By :Christian Giraldo 04/12/2023
Supervised By :Jagrut Upadhyay 04/12/2023



#55
Dibenzofuran
Concen: 8.443 ng
RT: 10.004 min Scan# 1261
Delta R.T. -0.012 min
Lab File: BF132859.D
Acq: 11 Apr 2023 20:21

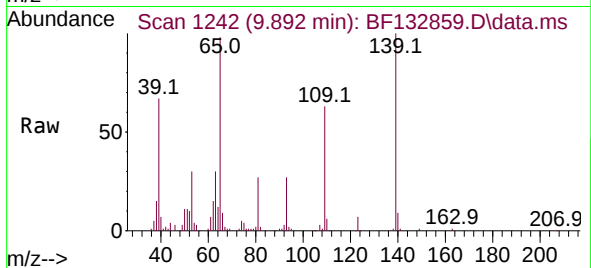
Tgt Ion:168 Resp: 334260
Ion Ratio Lower Upper
168 100
139 39.0 30.1 45.1
169 13.5 10.8 16.2





#56
4-Nitrophenol
Concen: 7.332 ng
RT: 9.892 min Scan# 1245
Delta R.T. -0.017 min
Lab File: BF132859.D
Acq: 11 Apr 2023 20:21

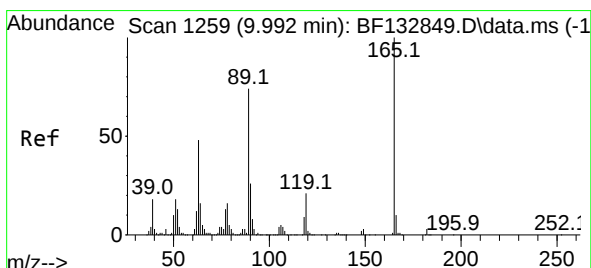
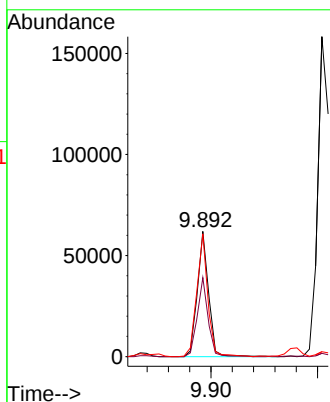
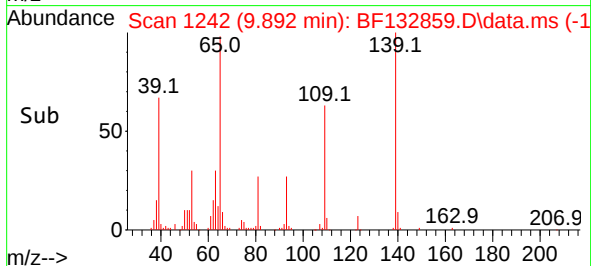
Instrument : BNA_F
ClientSampleId : LOD-MDL-WATER-01-QT1-2023



Tgt Ion:139 Resp: 44886
Ion Ratio Lower Upper
139 100
109 63.0 39.7 79.7
65 98.1 66.3 106.3

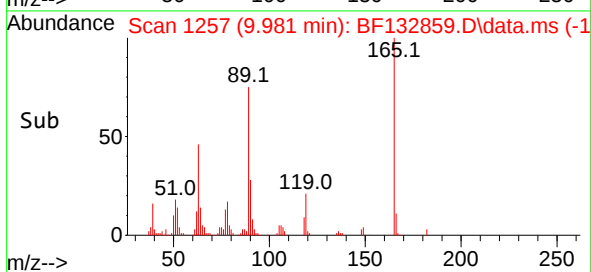
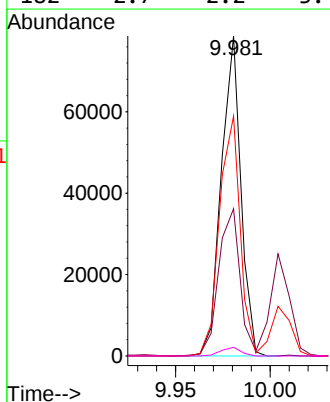
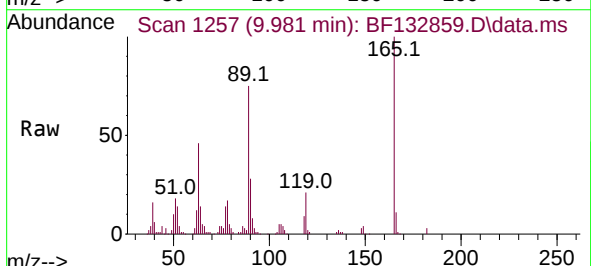
Manual Integrations
APPROVED

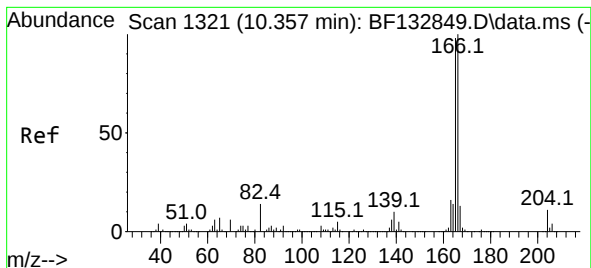
Reviewed By :Christian Giraldo 04/12/2023
Supervised By :Jagrut Upadhyay 04/12/2023



#57
2,4-Dinitrotoluene
Concen: 6.770 ng
RT: 9.981 min Scan# 1257
Delta R.T. -0.012 min
Lab File: BF132859.D
Acq: 11 Apr 2023 20:21

Tgt Ion:165 Resp: 56476
Ion Ratio Lower Upper
165 100
63 46.0 38.1 57.1
89 74.9 59.2 88.8
182 2.7 2.2 3.4





#58

Fluorene

Concen: 8.838 ng

RT: 10.345 min Scan# 1319

Delta R.T. -0.012 min

Lab File: BF132859.D

Acq: 11 Apr 2023 20:21

Instrument :

BNA_F

ClientSampleId :

LOD-MDL-WATER-01-QT1-2023

Tgt Ion:166 Resp: 258099

Ion Ratio Lower Upper

166 100

165 97.6 78.0 117.0

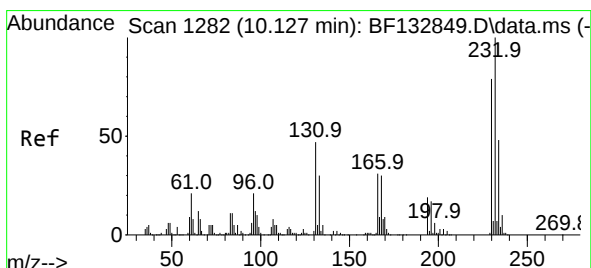
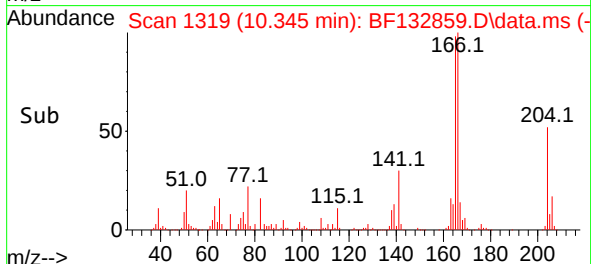
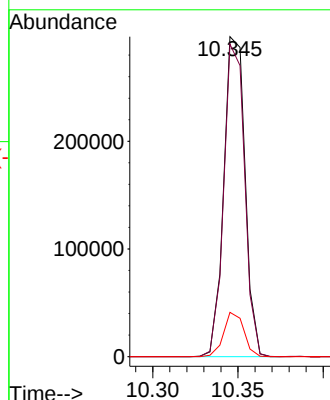
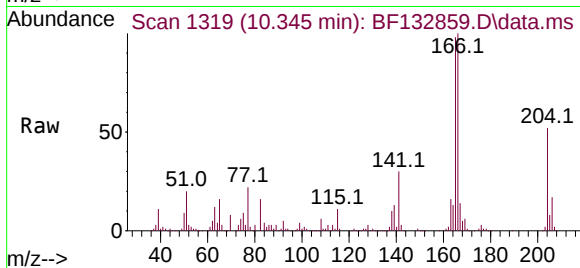
167 13.8 10.5 15.7

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 04/12/2023

Supervised By :Jagrut Upadhyay 04/12/2023



#59

2,3,4,6-Tetrachlorophenol

Concen: 7.728 ng

RT: 10.122 min Scan# 1281

Delta R.T. -0.006 min

Lab File: BF132859.D

Acq: 11 Apr 2023 20:21

Tgt Ion:232 Resp: 54323

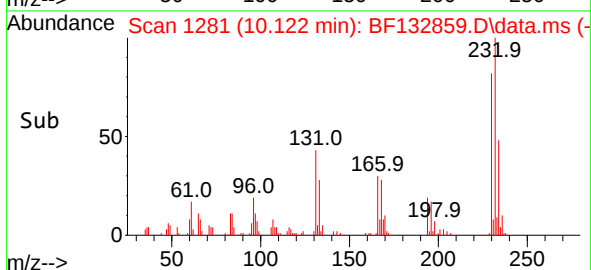
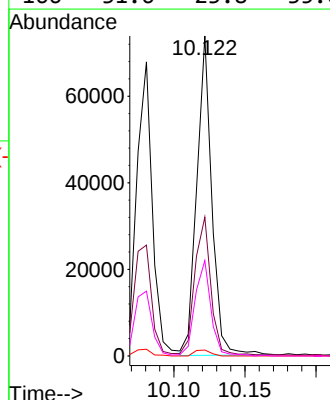
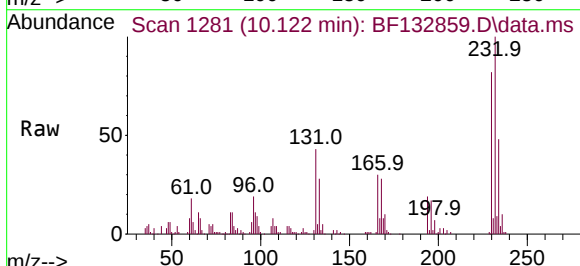
Ion Ratio Lower Upper

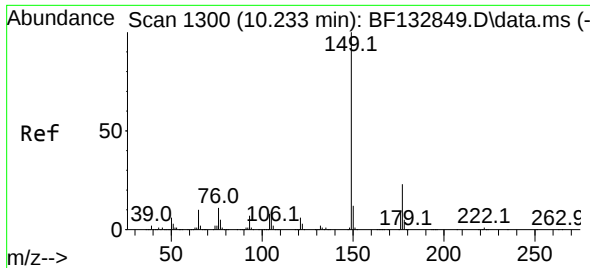
232 100

131 46.0 37.8 56.8

130 2.0 1.8 2.8

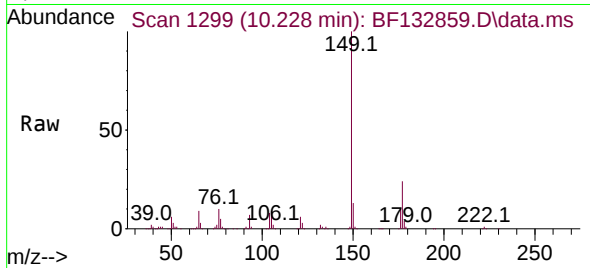
166 31.6 23.8 35.6





#60
Diethylphthalate
Concen: 8.377 ng
RT: 10.228 min Scan# 1319
Delta R.T. -0.006 min
Lab File: BF132859.D
Acq: 11 Apr 2023 20:21

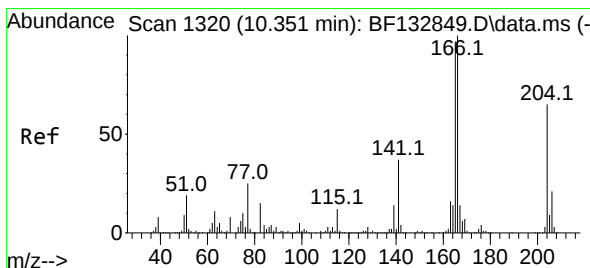
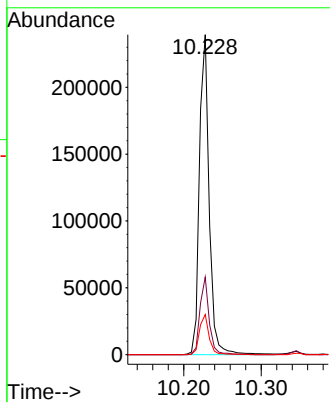
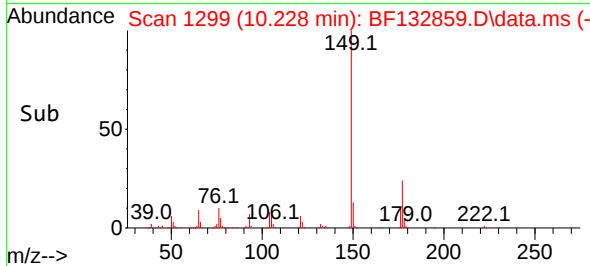
Instrument : BNA_F
ClientSampleId : LOD-MDL-WATER-01-QT1-2023



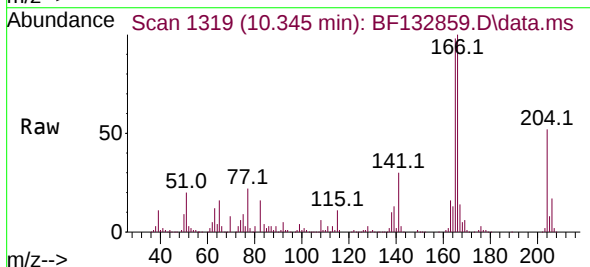
Tgt Ion:149 Resp: 209546
Ion Ratio Lower Upper
149 100
177 24.2 18.5 27.7
150 12.6 9.9 14.9

Manual Integrations
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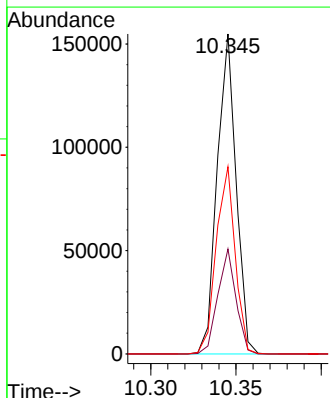
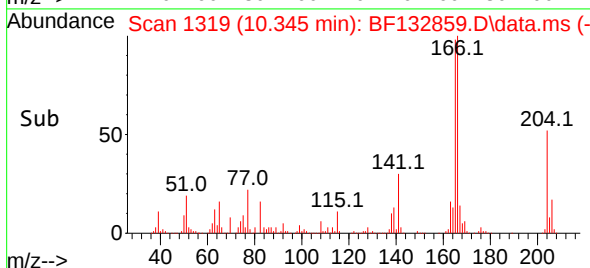
Reviewed By :Christian Giraldo 04/12/2023
Supervised By :Jagrut Upadhyay 04/12/2023

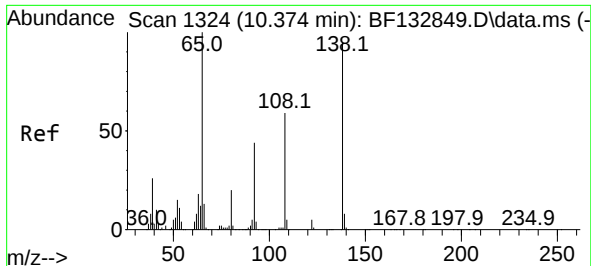


#61
4-Chlorophenyl-phenylether
Concen: 8.594 ng
RT: 10.345 min Scan# 1319
Delta R.T. -0.006 min
Lab File: BF132859.D
Acq: 11 Apr 2023 20:21



Tgt Ion:204 Resp: 119394
Ion Ratio Lower Upper
204 100
206 32.8 26.1 39.1
141 58.5 45.3 67.9





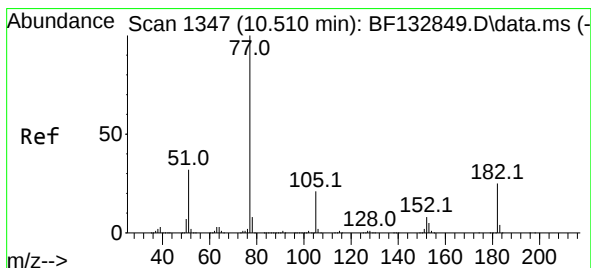
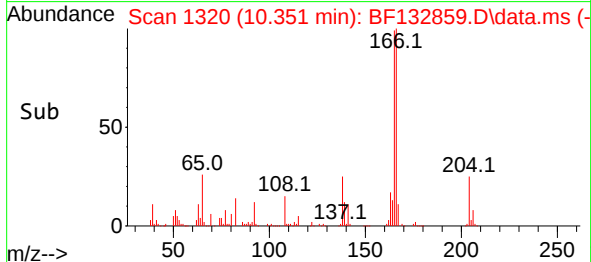
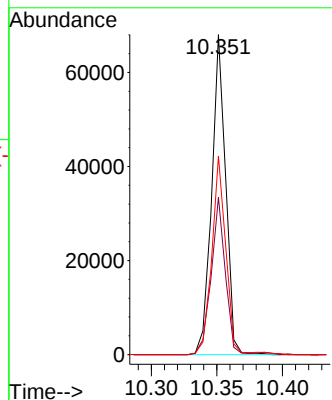
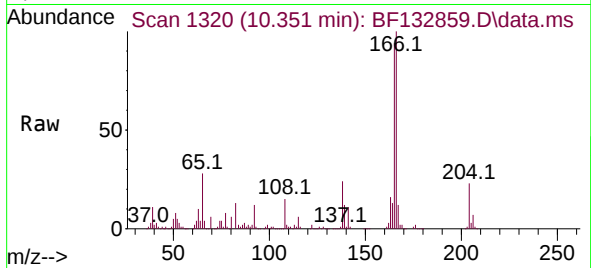
#62
4-Nitroaniline
Concen: 6.804 ng
RT: 10.351 min Scan# 1320
Delta R.T. -0.023 min
Lab File: BF132859.D
Acq: 11 Apr 2023 20:21

Instrument :
BNA_F
ClientSampleId :
LOD-MDL-WATER-01-QT1-2023

Tgt Ion:138 Resp: 50474
Ion Ratio Lower Upper
138 100
92 49.2 26.7 66.7
108 62.1 42.0 82.0

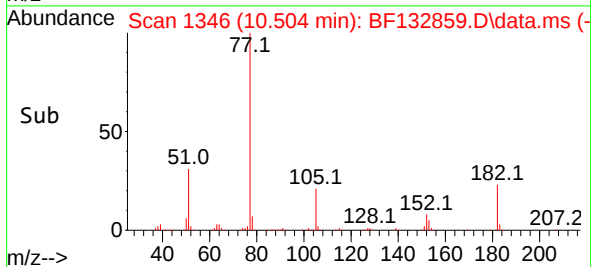
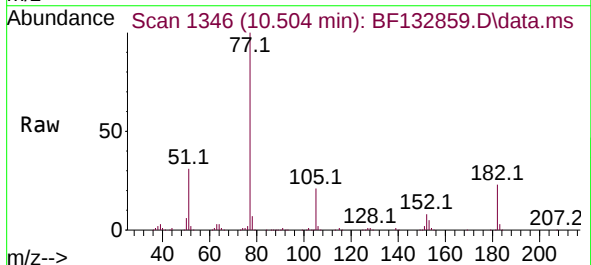
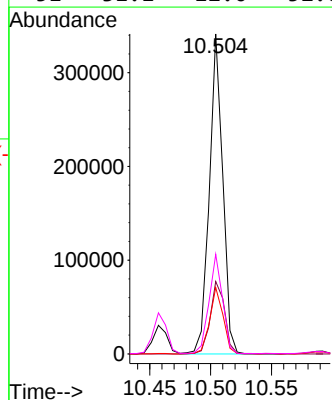
Manual Integrations
APPROVED

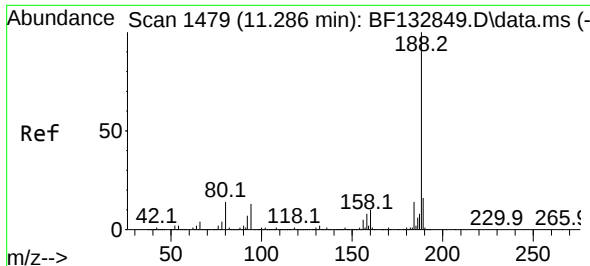
Reviewed By :Christian Giraldo 04/12/2023
Supervised By :Jagrut Upadhyay 04/12/2023



#63
Azobenzene
Concen: 8.045 ng
RT: 10.504 min Scan# 1346
Delta R.T. -0.006 min
Lab File: BF132859.D
Acq: 11 Apr 2023 20:21

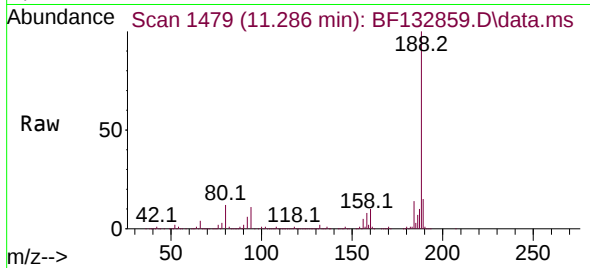
Tgt Ion: 77 Resp: 262162
Ion Ratio Lower Upper
77 100
182 22.6 5.1 45.1
105 20.7 0.9 40.9
51 31.1 12.0 52.0





#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.286 min Scan# 1479
Delta R.T. 0.000 min
Lab File: BF132859.D
Acq: 11 Apr 2023 20:21

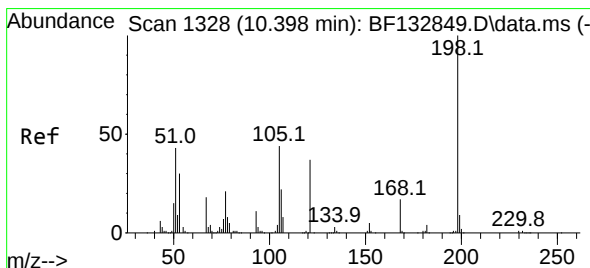
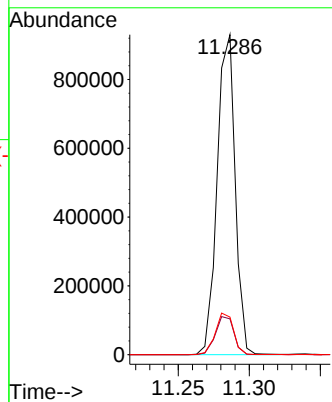
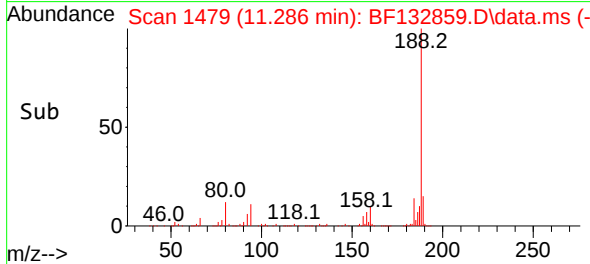
Instrument :
BNA_F
ClientSampleId :
LOD-MDL-WATER-01-QT1-2023



Tgt Ion:188 Resp: 822750
Ion Ratio Lower Upper
188 100
94 11.2 10.8 16.2
80 11.7 10.9 16.3

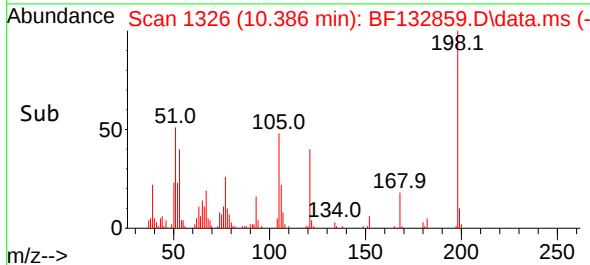
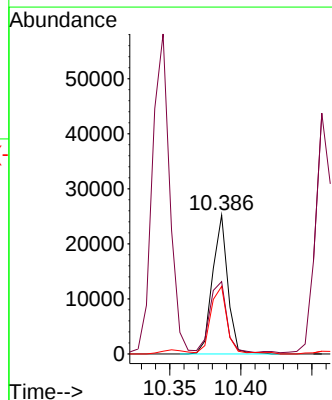
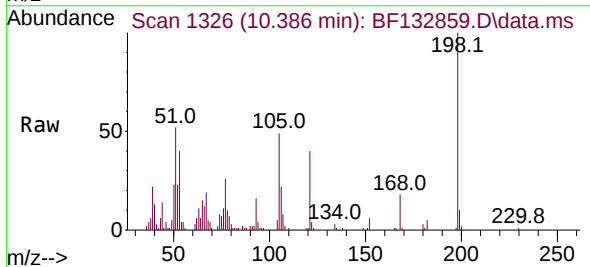
Manual Integrations
APPROVED

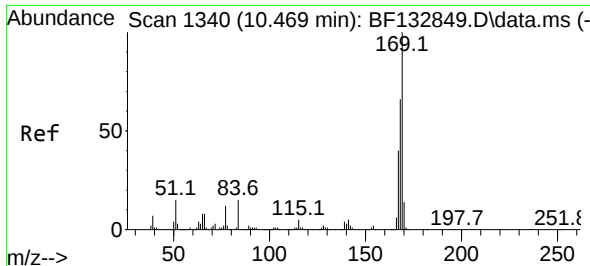
Reviewed By :Christian Giraldo 04/12/2023
Supervised By :Jagrut Upadhyay 04/12/2023



#65
4,6-Dinitro-2-methylphenol
Concen: 4.861 ng
RT: 10.386 min Scan# 1326
Delta R.T. -0.012 min
Lab File: BF132859.D
Acq: 11 Apr 2023 20:21

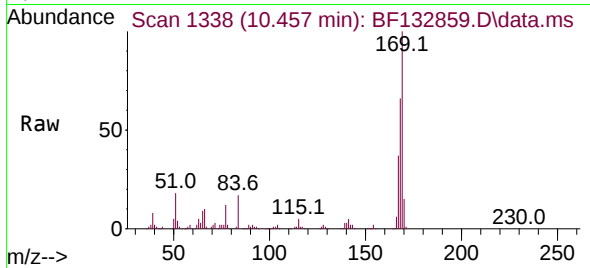
Tgt Ion:198 Resp: 18774
Ion Ratio Lower Upper
198 100
51 52.1 31.8 71.8
105 48.6 24.4 64.4





#66
n-Nitrosodiphenylamine
Concen: 8.385 ng
RT: 10.457 min Scan# 1338
Delta R.T. -0.012 min
Lab File: BF132859.D
Acq: 11 Apr 2023 20:21

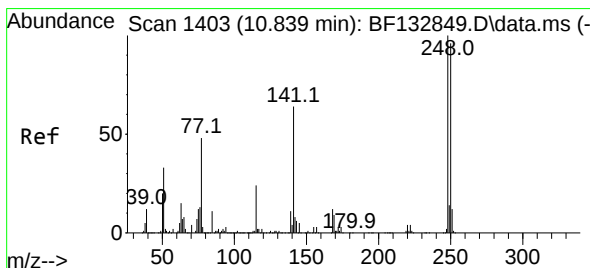
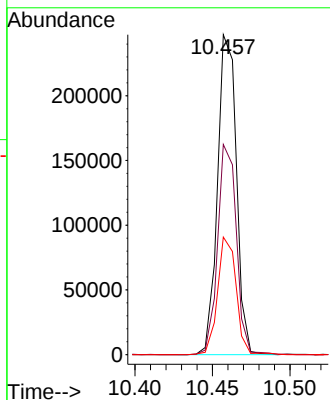
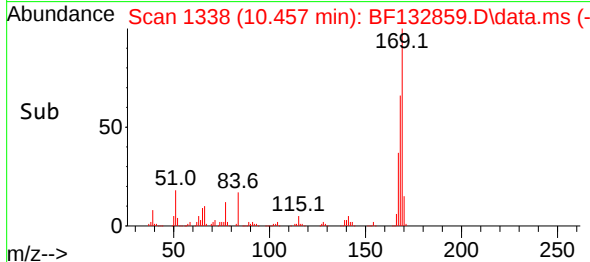
Instrument :
BNA_F
ClientSampleId :
LOD-MDL-WATER-01-QT1-2023



Tgt Ion:169 Resp: 210509
Ion Ratio Lower Upper
169 100
168 65.7 52.9 79.3
167 36.7 31.8 47.6

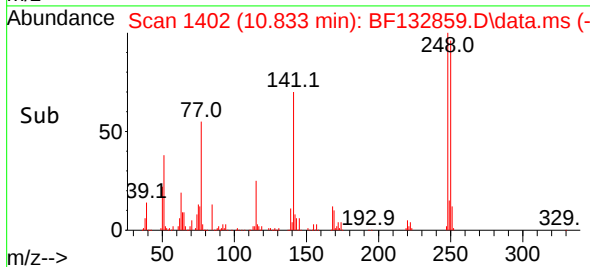
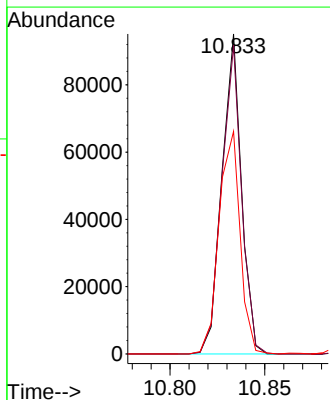
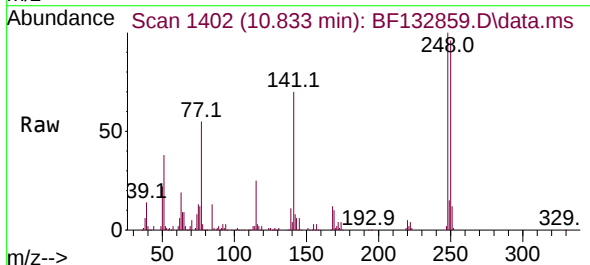
Manual Integrations
APPROVED

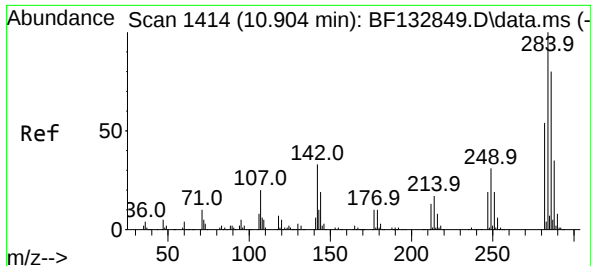
Reviewed By :Christian Giraldo 04/12/2023
Supervised By :Jagrut Upadhyay 04/12/2023



#67
4-Bromophenyl-phenylether
Concen: 7.816 ng
RT: 10.833 min Scan# 1402
Delta R.T. -0.006 min
Lab File: BF132859.D
Acq: 11 Apr 2023 20:21

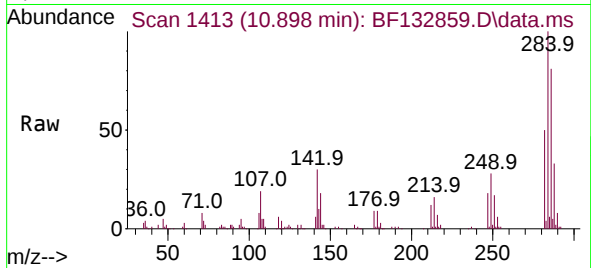
Tgt Ion:248 Resp: 68256
Ion Ratio Lower Upper
248 100
250 96.4 76.9 115.3
141 69.5 50.9 76.3





#68
Hexachlorobenzene
Concen: 8.630 ng
RT: 10.898 min Scan# 1413
Delta R.T. -0.006 min
Lab File: BF132859.D
Acq: 11 Apr 2023 20:21

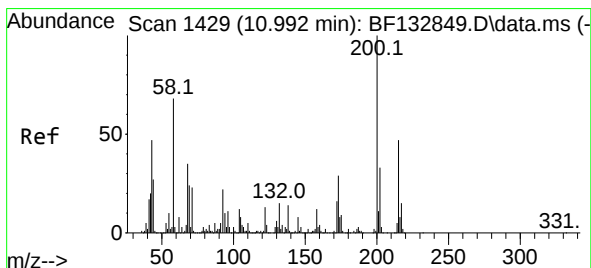
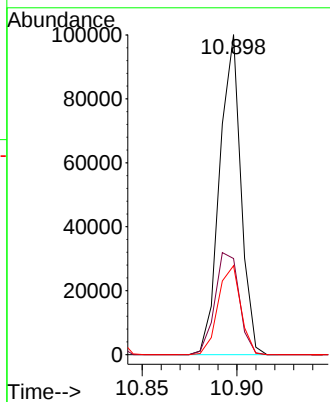
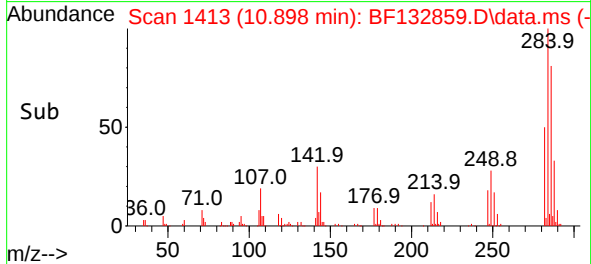
Instrument : BNA_F
ClientSampleId :
LOD-MDL-WATER-01-QT1-2023



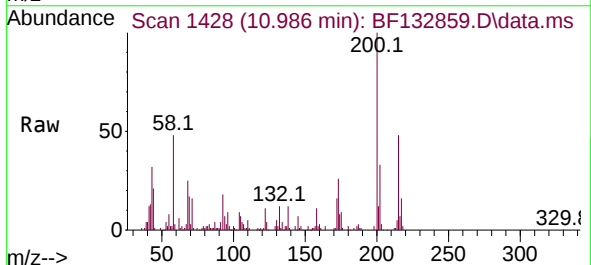
Tgt Ion:284 Resp: 78036
Ion Ratio Lower Upper
284 100
142 30.0 26.2 39.2
249 27.8 24.4 36.6

Manual Integrations
APPROVED

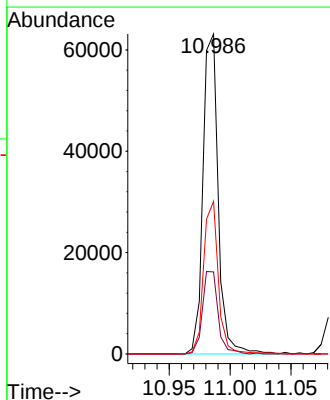
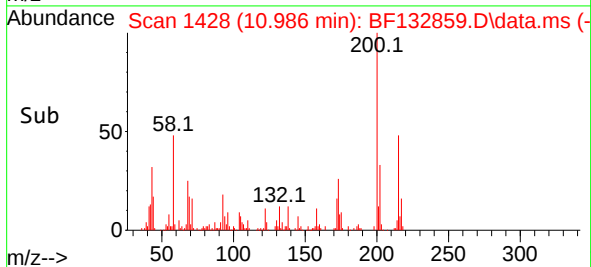
Reviewed By :Christian Giraldo 04/12/2023
Supervised By :Jagrut Upadhyay 04/12/2023

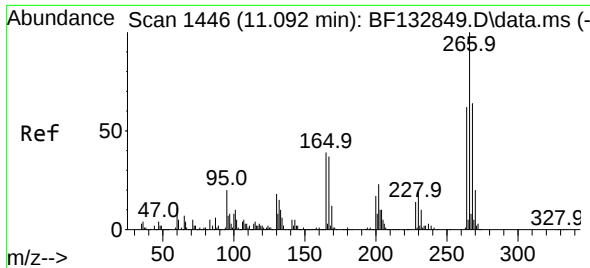


#69
Atrazine
Concen: 8.965 ng
RT: 10.986 min Scan# 1428
Delta R.T. -0.006 min
Lab File: BF132859.D
Acq: 11 Apr 2023 20:21



Tgt Ion:200 Resp: 55181
Ion Ratio Lower Upper
200 100
173 25.6 8.7 48.7
215 47.7 26.7 66.7





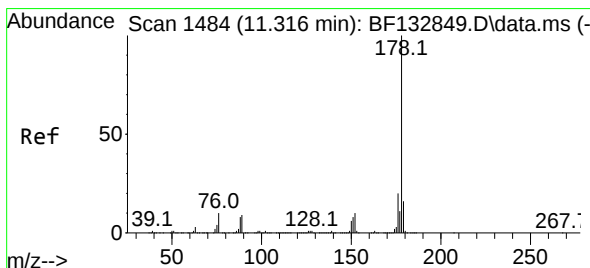
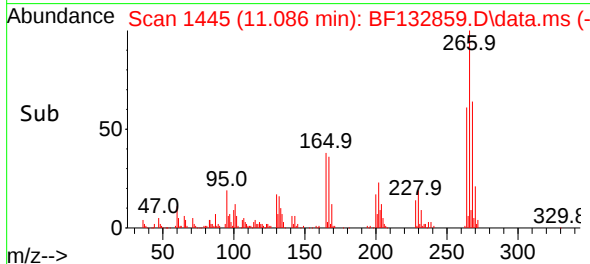
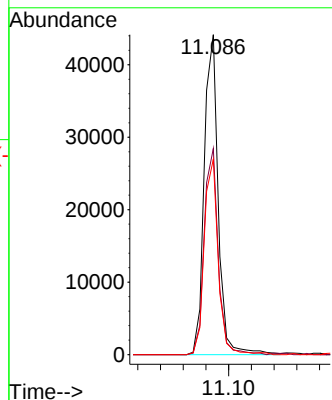
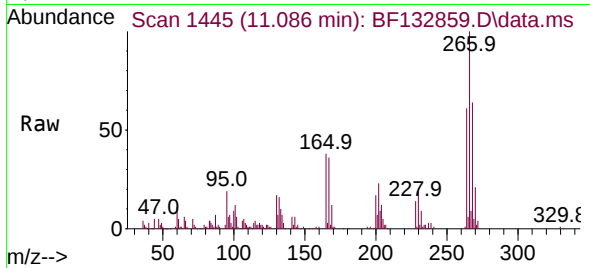
#70
 Pentachlorophenol
 Concen: 6.357 ng
 RT: 11.086 min Scan# 1445
 Delta R.T. -0.006 min
 Lab File: BF132859.D
 Acq: 11 Apr 2023 20:21

Instrument :
 BNA_F
 ClientSampleId :
 LOD-MDL-WATER-01-QT1-2023

Tgt Ion:266 Resp: 37852
 Ion Ratio Lower Upper
 266 100
 268 64.4 51.2 76.8
 264 61.0 49.8 74.8

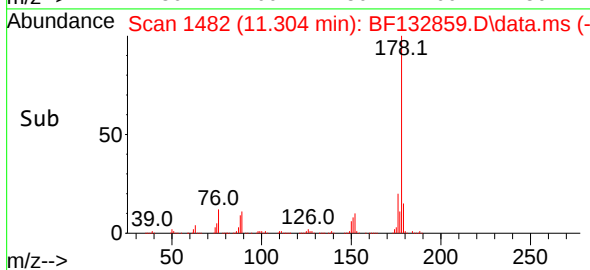
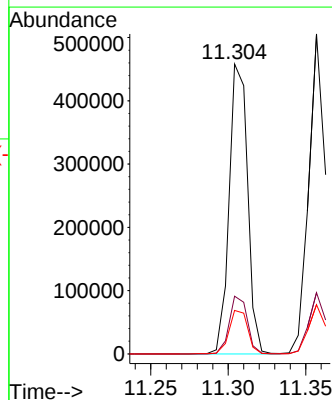
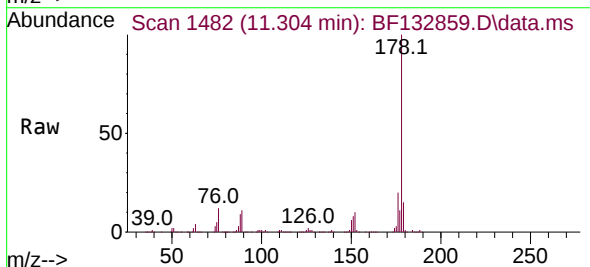
Manual Integrations
 APPROVED

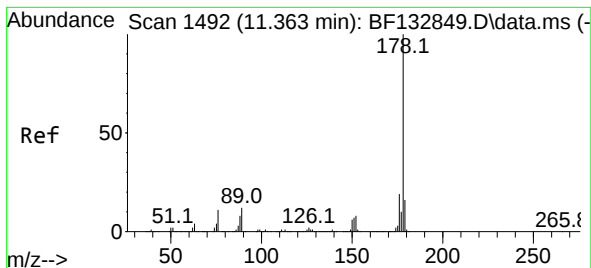
Reviewed By :Christian Giraldo 04/12/2023
 Supervised By :Jagrut Upadhyay 04/12/2023



#71
 Phenanthrene
 Concen: 8.417 ng
 RT: 11.304 min Scan# 1482
 Delta R.T. -0.012 min
 Lab File: BF132859.D
 Acq: 11 Apr 2023 20:21

Tgt Ion:178 Resp: 379819
 Ion Ratio Lower Upper
 178 100
 176 19.9 15.8 23.8
 179 15.0 12.6 18.8





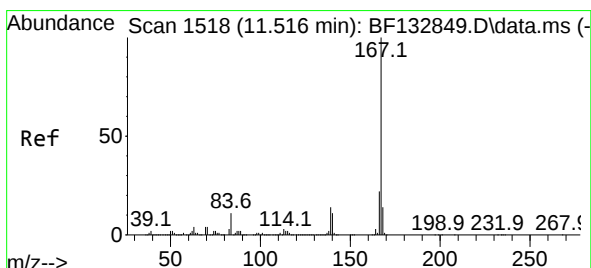
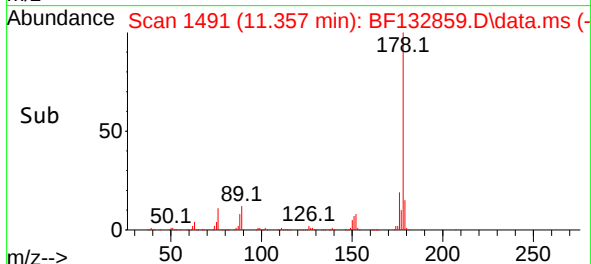
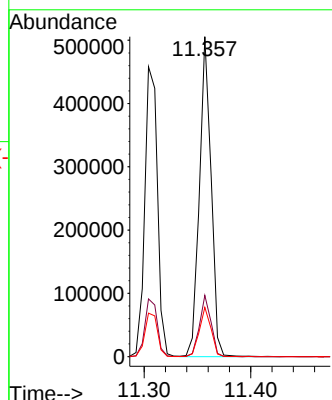
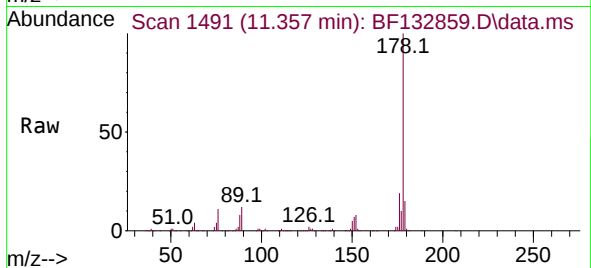
#72
 Anthracene
 Concen: 8.294 ng
 RT: 11.357 min Scan# 1491
 Delta R.T. -0.006 min
 Lab File: BF132859.D
 Acq: 11 Apr 2023 20:21

Instrument : BNA_F
 ClientSampleId :
 LOD-MDL-WATER-01-QT1-2023

Tgt Ion:178 Resp: 382612
 Ion Ratio Lower Upper
 178 100
 176 19.1 15.3 22.9
 179 15.4 12.5 18.7

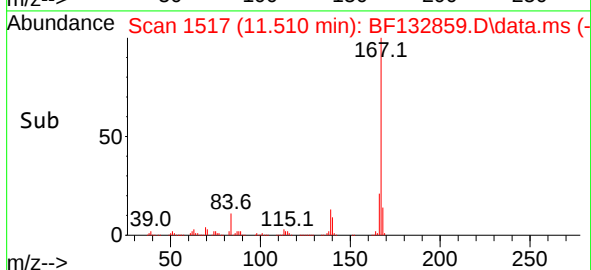
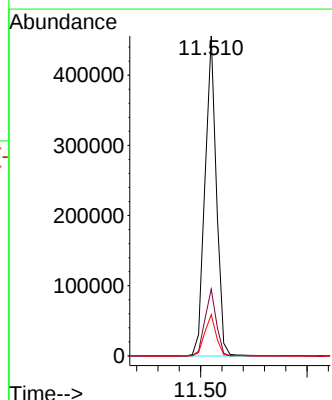
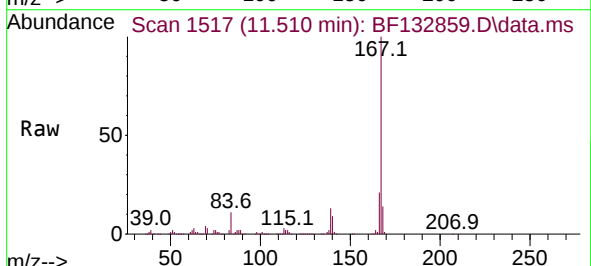
Manual Integrations
 APPROVED

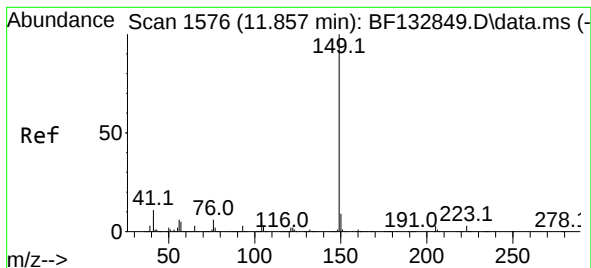
Reviewed By :Christian Giraldo 04/12/2023
 Supervised By :Jagrut Upadhyay 04/12/2023



#73
 Carbazole
 Concen: 8.348 ng
 RT: 11.510 min Scan# 1517
 Delta R.T. -0.006 min
 Lab File: BF132859.D
 Acq: 11 Apr 2023 20:21

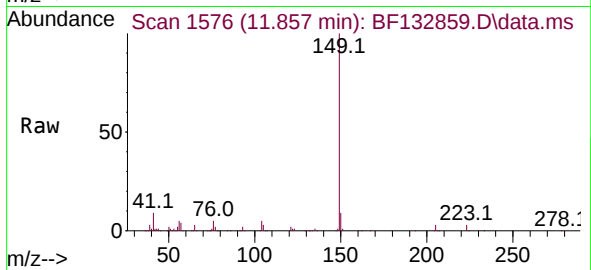
Tgt Ion:167 Resp: 336919
 Ion Ratio Lower Upper
 167 100
 166 20.9 17.4 26.0
 139 12.9 11.1 16.7





#74
Di-n-butylphthalate
Concen: 11.622 ng
RT: 11.857 min Scan# 11
Delta R.T. -0.000 min
Lab File: BF132859.D
Acq: 11 Apr 2023 20:21

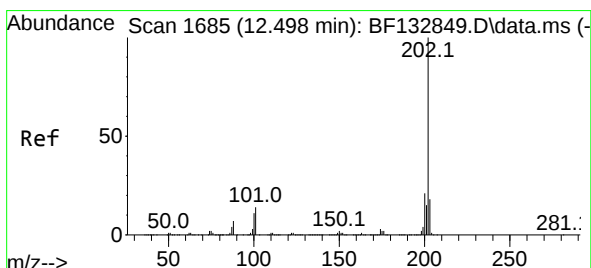
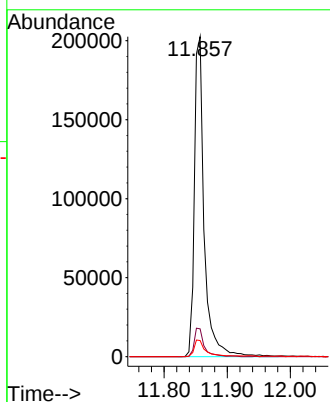
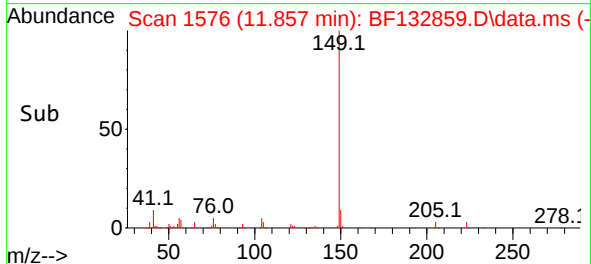
Instrument :
BNA_F
ClientSampleId :
LOD-MDL-WATER-01-QT1-2023



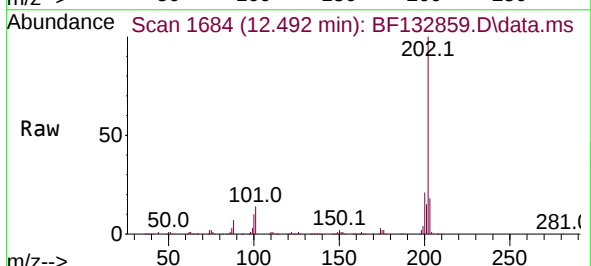
Tgt Ion:149 Resp: 21926
Ion Ratio Lower Upper
149 100
150 8.7 7.4 11.2
104 5.0 4.3 6.5

Manual Integrations
APPROVED

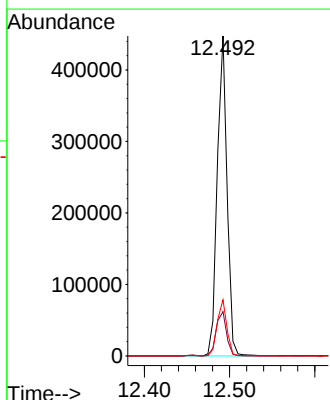
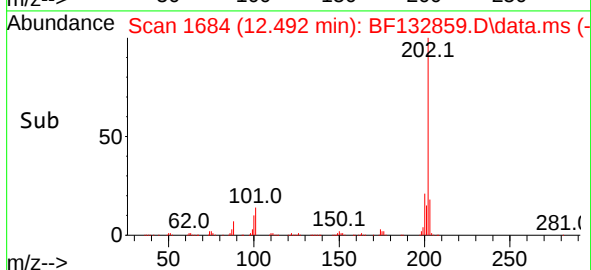
Reviewed By :Christian Giraldo 04/12/2023
Supervised By :Jagrut Upadhyay 04/12/2023

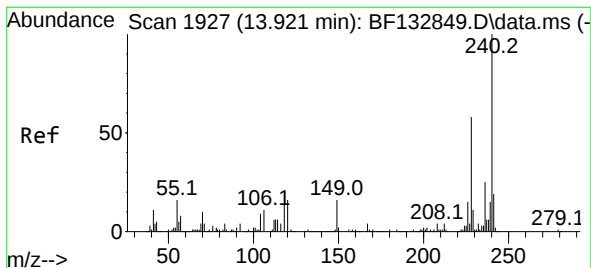


#75
Fluoranthene
Concen: 7.905 ng
RT: 12.492 min Scan# 1684
Delta R.T. -0.006 min
Lab File: BF132859.D
Acq: 11 Apr 2023 20:21



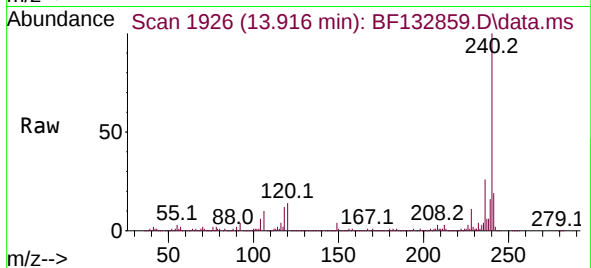
Tgt Ion:202 Resp: 357119
Ion Ratio Lower Upper
202 100
101 13.8 0.0 34.2
203 17.5 0.0 37.8





#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.916 min Scan# 1926
Delta R.T. -0.005 min
Lab File: BF132859.D
Acq: 11 Apr 2023 20:21

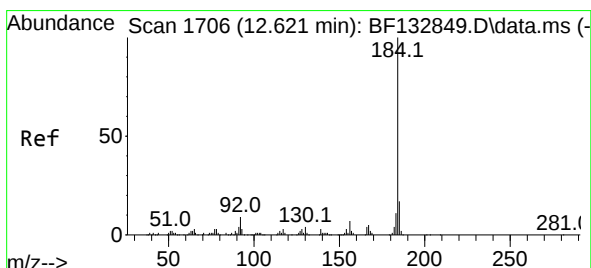
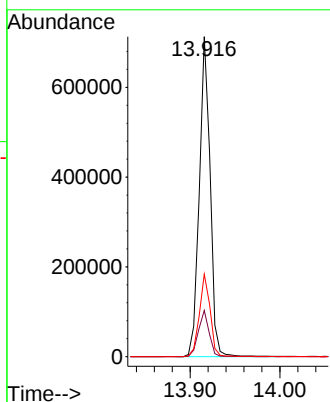
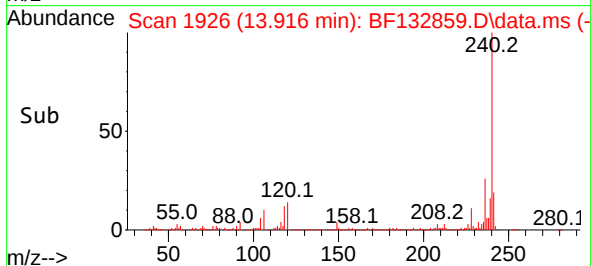
Instrument : BNA_F
ClientSampleId : LOD-MDL-WATER-01-QT1-2023



Tgt Ion:240 Resp: 596372
Ion Ratio Lower Upper
240 100
120 14.4 12.6 18.8
236 25.8 20.3 30.5

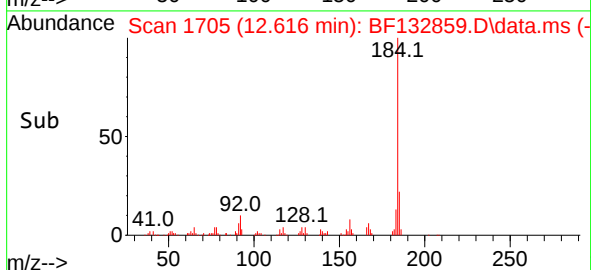
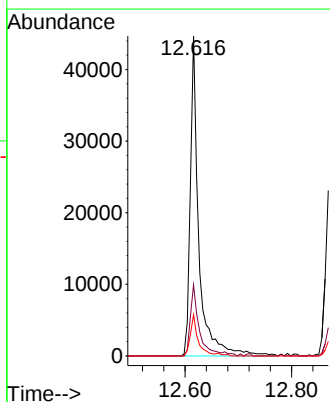
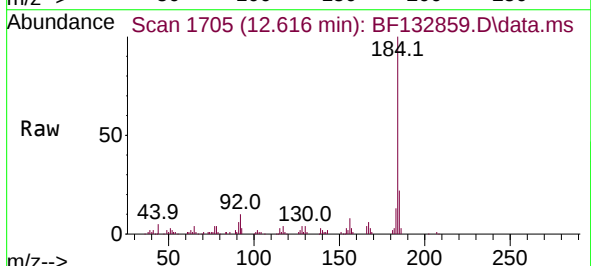
Manual Integrations
APPROVED

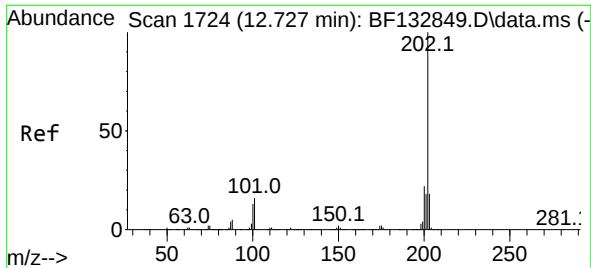
Reviewed By :Christian Giraldo 04/12/2023
Supervised By :Jagrut Upadhyay 04/12/2023



#77
Benzidine
Concen: 18.088 ng
RT: 12.616 min Scan# 1705
Delta R.T. -0.005 min
Lab File: BF132859.D
Acq: 11 Apr 2023 20:21

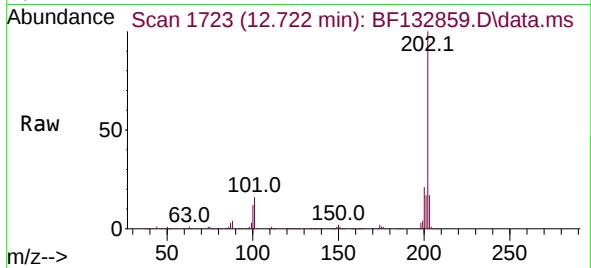
Tgt Ion:184 Resp: 49918
Ion Ratio Lower Upper
184 100
185 22.2 13.2 19.8#
183 12.9 8.9 13.3





#78
Pyrene
Concen: 7.507 ng
RT: 12.722 min Scan# 1723
Delta R.T. -0.006 min
Lab File: BF132859.D
Acq: 11 Apr 2023 20:21

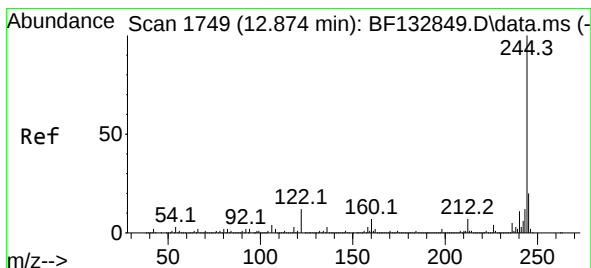
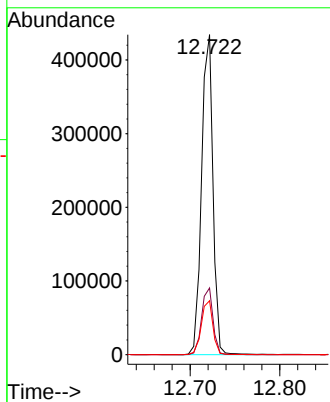
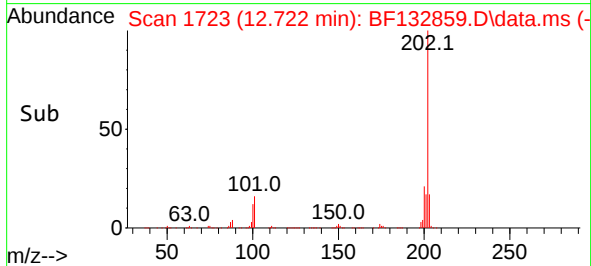
Instrument : BNA_F
ClientSampleId : LOD-MDL-WATER-01-QT1-2023



Tgt Ion:202 Resp: 382433
Ion Ratio Lower Upper
202 100
200 20.8 17.4 26.0
203 16.8 14.2 21.4

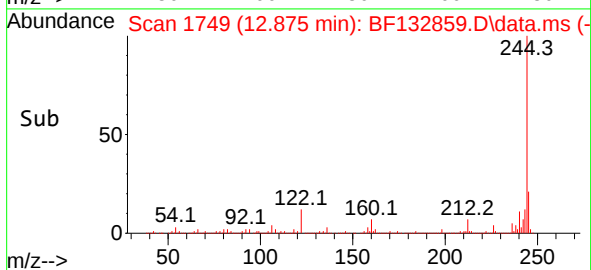
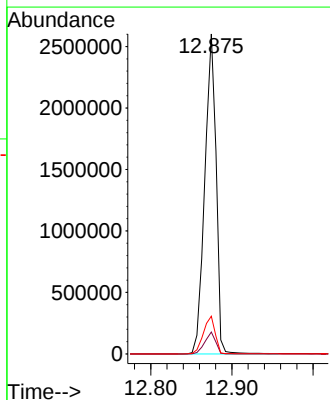
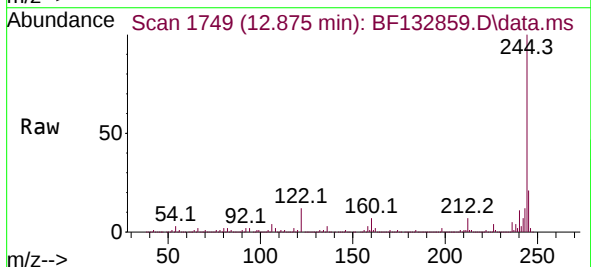
Manual Integrations
APPROVED

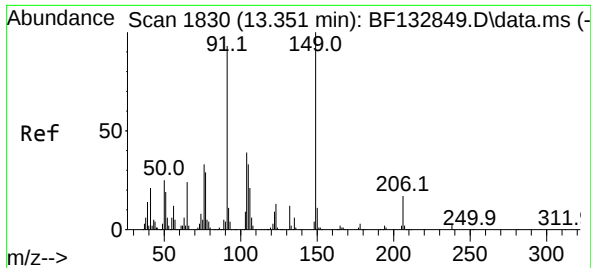
Reviewed By :Christian Giraldo 04/12/2023
Supervised By :Jagrut Upadhyay 04/12/2023



#79
Terphenyl-d14
Concen: 73.536 ng
RT: 12.875 min Scan# 1749
Delta R.T. 0.000 min
Lab File: BF132859.D
Acq: 11 Apr 2023 20:21

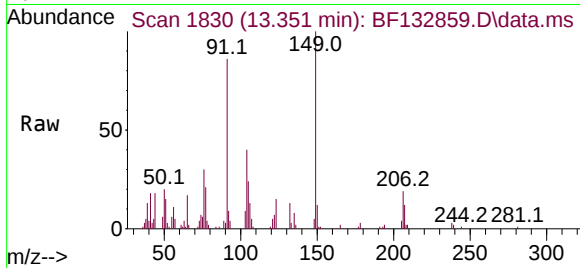
Tgt Ion:244 Resp: 2531107
Ion Ratio Lower Upper
244 100
212 6.8 5.4 8.0
122 11.8 9.8 14.6





#80
Butylbenzylphthalate
Concen: 15.339 ng
RT: 13.351 min Scan# 1830
Delta R.T. -0.000 min
Lab File: BF132859.D
Acq: 11 Apr 2023 20:21

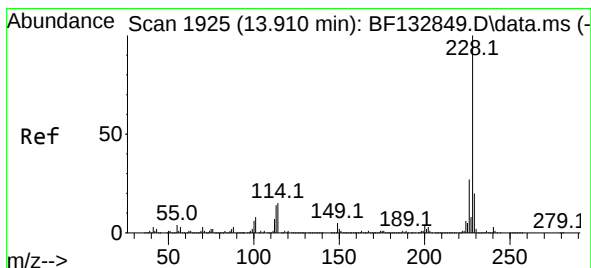
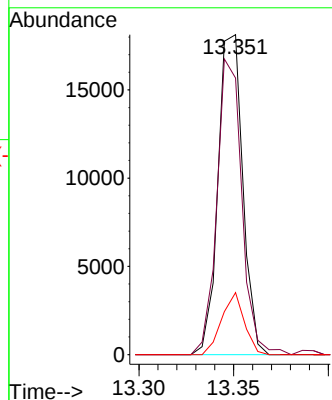
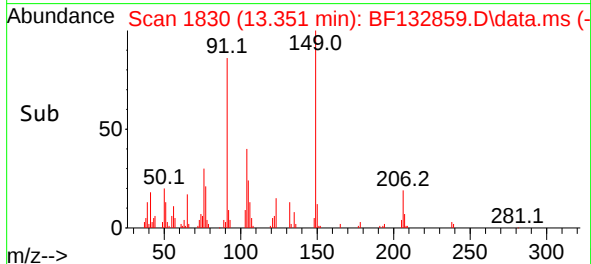
Instrument : BNA_F
ClientSampleId : LOD-MDL-WATER-01-QT1-2023



Tgt Ion:149 Resp: 16456
Ion Ratio Lower Upper
149 100
91 86.4 74.8 112.2
206 19.4 13.8 20.6

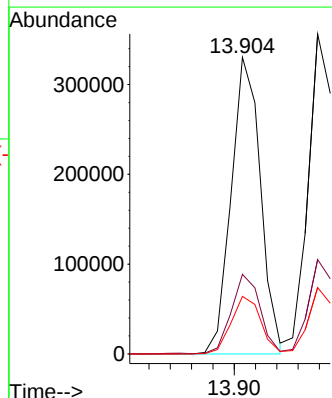
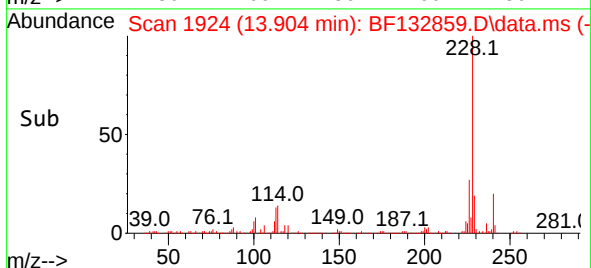
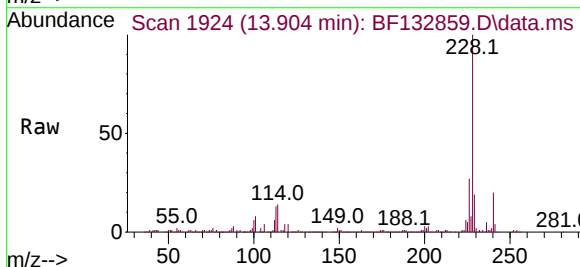
Manual Integrations
APPROVED

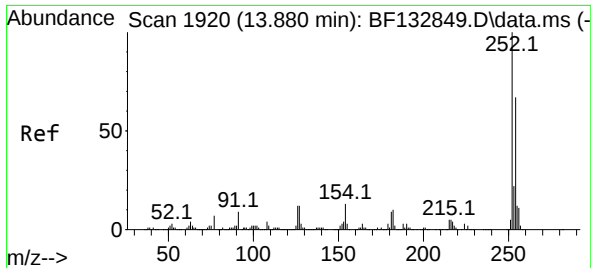
Reviewed By :Christian Giraldo 04/12/2023
Supervised By :Jagrut Upadhyay 04/12/2023



#81
Benzo(a)anthracene
Concen: 7.690 ng
RT: 13.904 min Scan# 1924
Delta R.T. -0.006 min
Lab File: BF132859.D
Acq: 11 Apr 2023 20:21

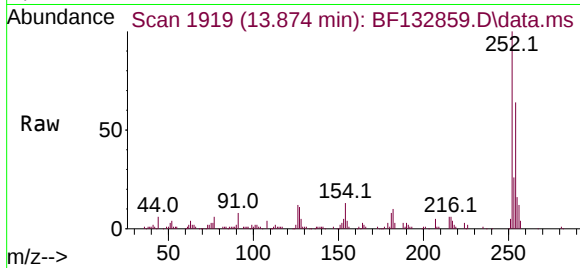
Tgt Ion:228 Resp: 315423
Ion Ratio Lower Upper
228 100
226 26.8 21.9 32.9
229 19.4 16.1 24.1





#82
3,3'-Dichlorobenzidine
Concen: 10.997 ng
RT: 13.874 min Scan# 1919
Delta R.T. -0.006 min
Lab File: BF132859.D
Acq: 11 Apr 2023 20:21

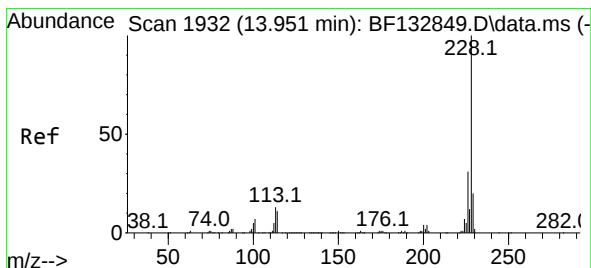
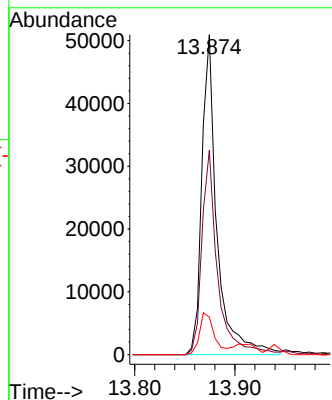
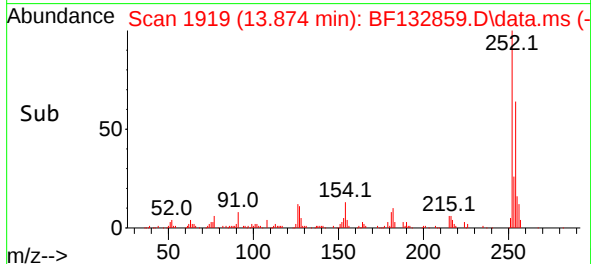
Instrument :
BNA_F
ClientSampleId :
LOD-MDL-WATER-01-QT1-2023



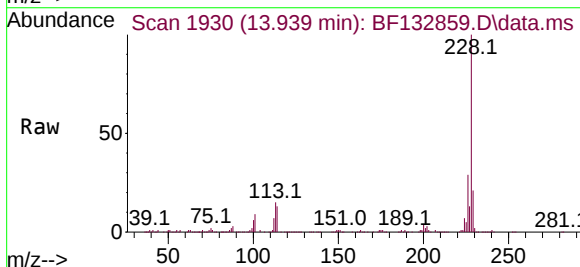
Tgt Ion:252 Resp: 53182
Ion Ratio Lower Upper
252 100
254 63.8 53.8 80.6
126 11.7 9.4 14.0

Manual Integrations
APPROVED

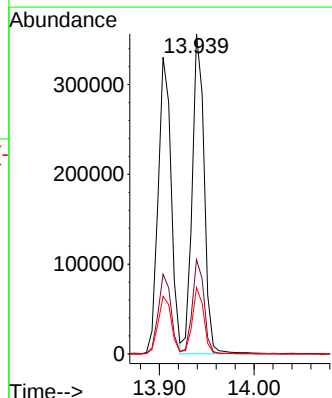
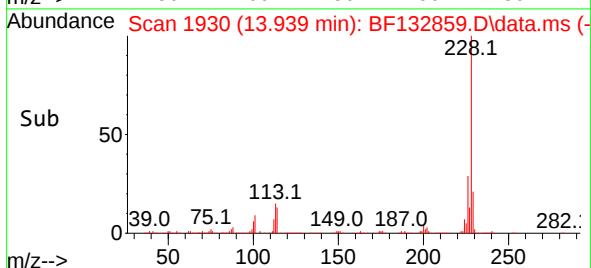
Reviewed By :Christian Giraldo 04/12/2023
Supervised By :Jagrut Upadhyay 04/12/2023

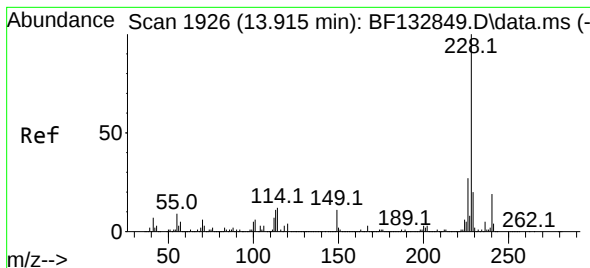


#83
Chrysene
Concen: 7.746 ng
RT: 13.939 min Scan# 1930
Delta R.T. -0.012 min
Lab File: BF132859.D
Acq: 11 Apr 2023 20:21



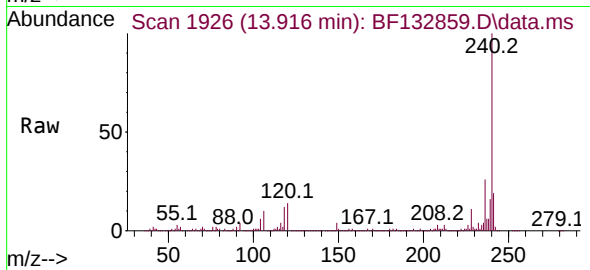
Tgt Ion:228 Resp: 312777
Ion Ratio Lower Upper
228 100
226 29.5 24.3 36.5
229 20.7 15.8 23.6





#84
Bis(2-ethylhexyl)phthalate
Concen: 14.941 ng
RT: 13.916 min Scan# 1926
Delta R.T. 0.001 min
Lab File: BF132859.D
Acq: 11 Apr 2023 20:21

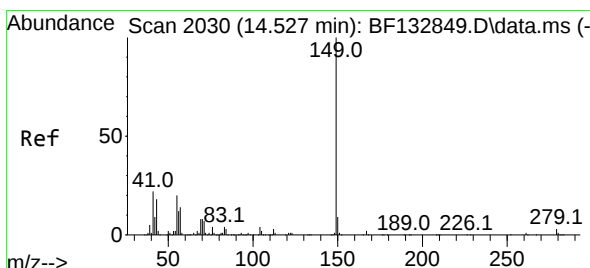
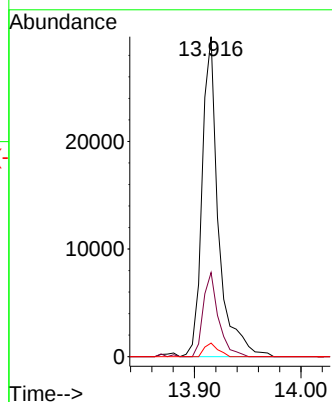
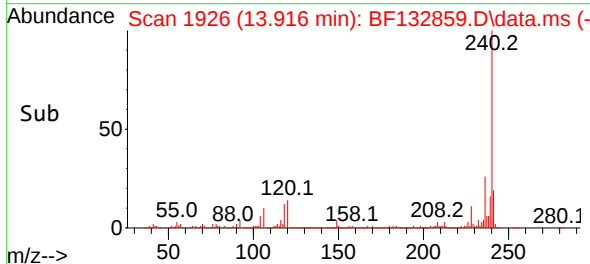
Instrument :
BNA_F
ClientSampleId :
LOD-MDL-WATER-01-QT1-2023



Tgt Ion:149 Resp: 31612
Ion Ratio Lower Upper
149 100
167 26.3 20.4 30.6
279 4.2 2.3 3.5

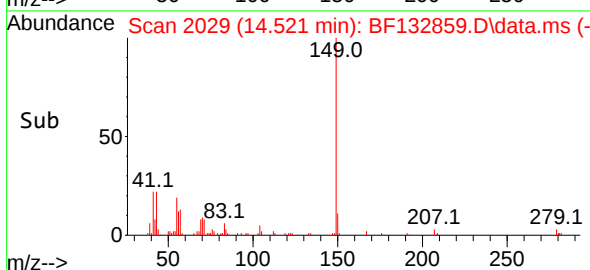
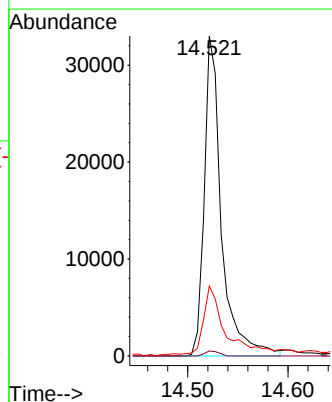
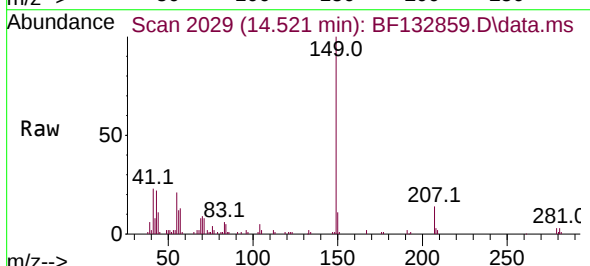
Manual Integrations
APPROVED

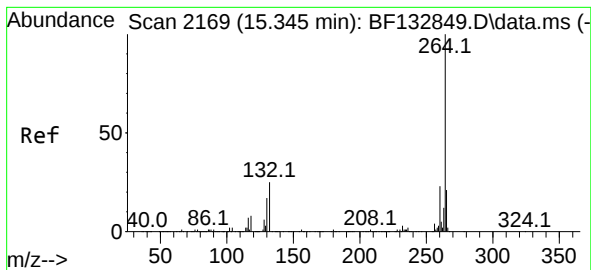
Reviewed By :Christian Giraldo 04/12/2023
Supervised By :Jagrut Upadhyay 04/12/2023



#85
Di-n-octyl phthalate
Concen: 14.574 ng
RT: 14.521 min Scan# 2029
Delta R.T. -0.006 min
Lab File: BF132859.D
Acq: 11 Apr 2023 20:21

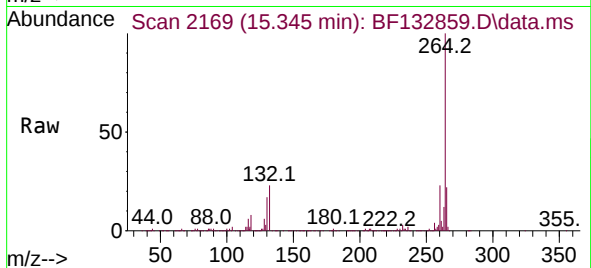
Tgt Ion:149 Resp: 39084
Ion Ratio Lower Upper
149 100
167 1.2 1.1 1.7
43 29.0 21.4 32.0





#86
Perylene-d12
Concen: 20.000 ng
RT: 15.345 min Scan# 2169
Delta R.T. 0.000 min
Lab File: BF132859.D
Acq: 11 Apr 2023 20:21

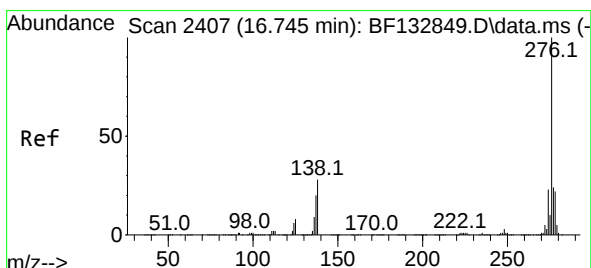
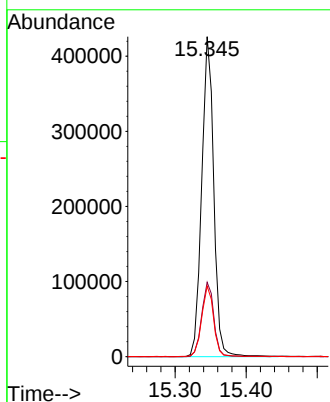
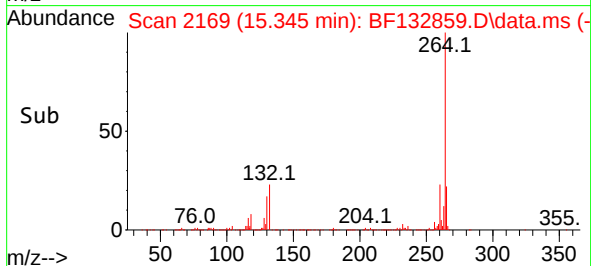
Instrument :
BNA_F
ClientSampleId :
LOD-MDL-WATER-01-QT1-2023



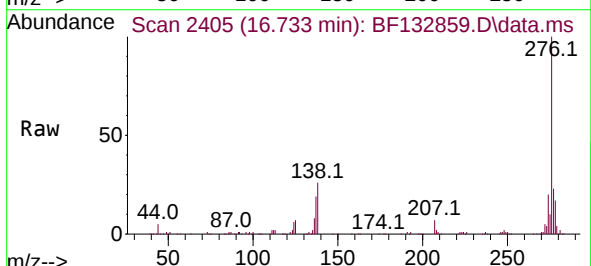
Tgt Ion:264 Resp: 497003
Ion Ratio Lower Upper
264 100
260 23.2 18.2 27.4
265 22.0 17.2 25.8

Manual Integrations
APPROVED

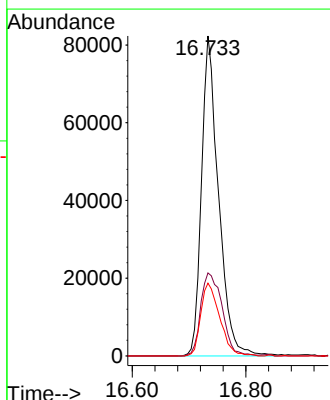
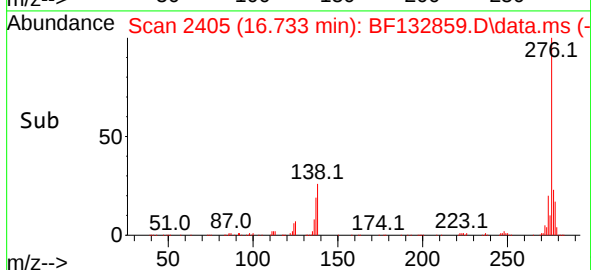
Reviewed By :Christian Giraldo 04/12/2023
Supervised By :Jagrut Upadhyay 04/12/2023

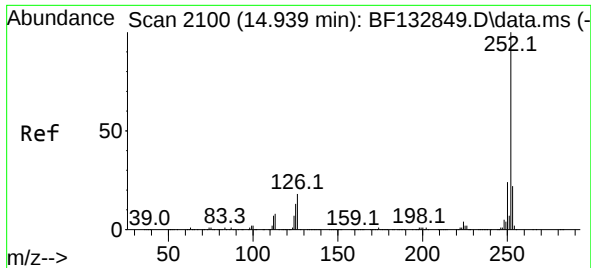


#87
Indeno(1,2,3-cd)pyrene
Concen: 8.918 ng
RT: 16.733 min Scan# 2405
Delta R.T. -0.012 min
Lab File: BF132859.D
Acq: 11 Apr 2023 20:21



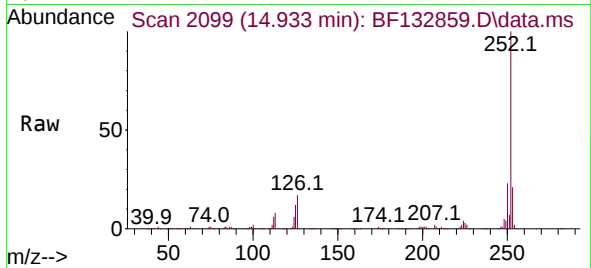
Tgt Ion:276 Resp: 171321
Ion Ratio Lower Upper
276 100
138 32.5 27.0 40.6
277 25.3 20.1 30.1





#88
Benzo(b)fluoranthene
Concen: 7.829 ng
RT: 14.933 min Scan# 2099
Delta R.T. -0.006 min
Lab File: BF132859.D
Acq: 11 Apr 2023 20:21

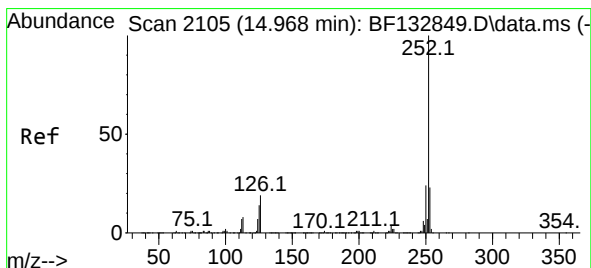
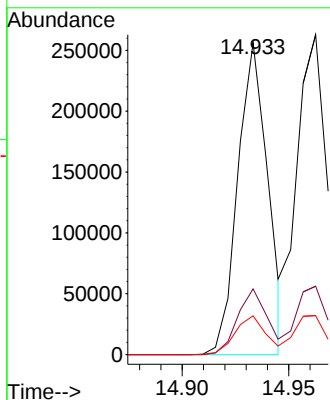
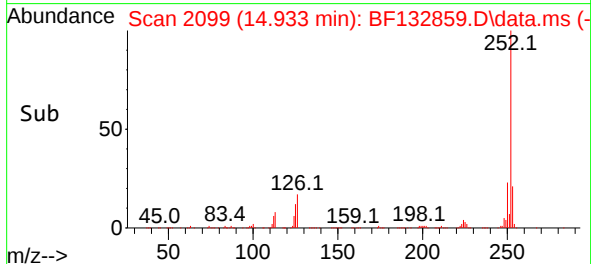
Instrument : BNA_F
ClientSampleId : LOD-MDL-WATER-01-QT1-2023



Tgt Ion:252 Resp: 251134
Ion Ratio Lower Upper
252 100
253 21.1 17.8 26.6
125 12.4 10.2 15.2

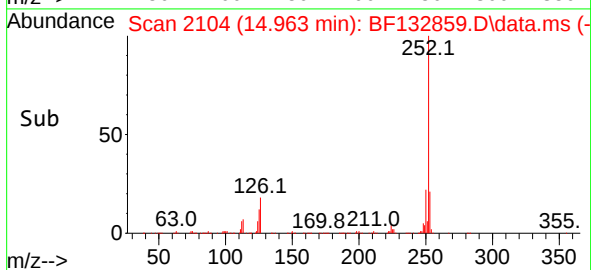
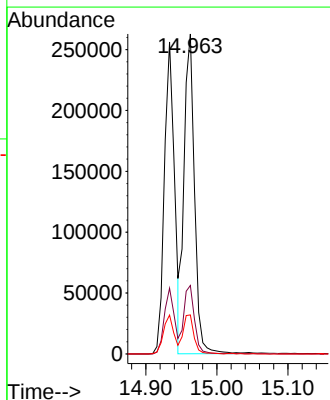
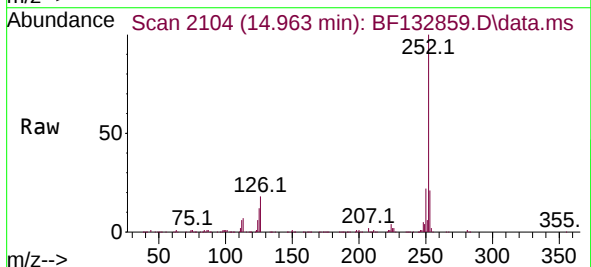
Manual Integrations
APPROVED

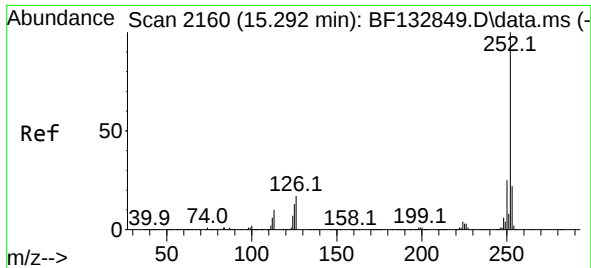
Reviewed By :Christian Giraldo 04/12/2023
Supervised By :Jagrut Upadhyay 04/12/2023



#89
Benzo(k)fluoranthene
Concen: 8.220 ng
RT: 14.963 min Scan# 2104
Delta R.T. -0.006 min
Lab File: BF132859.D
Acq: 11 Apr 2023 20:21

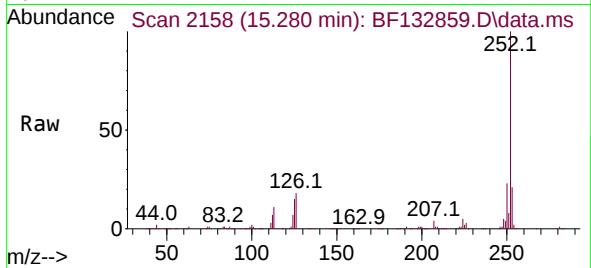
Tgt Ion:252 Resp: 270847
Ion Ratio Lower Upper
252 100
253 21.4 18.1 27.1
125 12.2 10.5 15.7





#90
Benzo(a)pyrene
Concen: 6.962 ng
RT: 15.280 min Scan# 2160
Delta R.T. -0.012 min
Lab File: BF132859.D
Acq: 11 Apr 2023 20:21

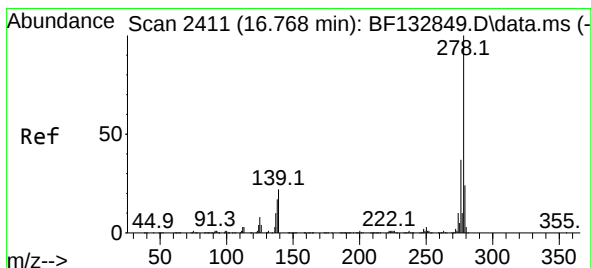
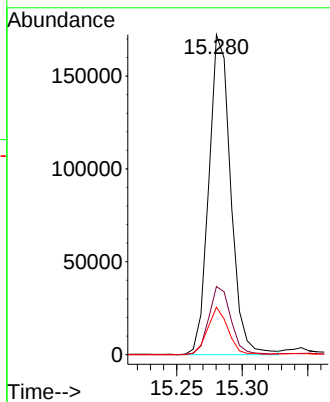
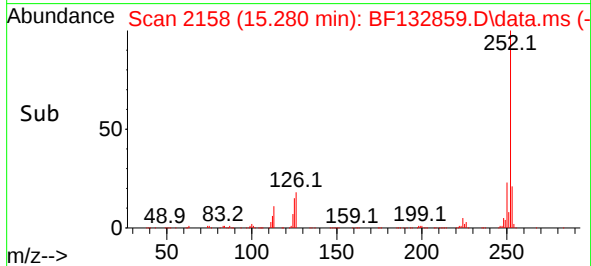
Instrument : BNA_F
ClientSampleId :
LOD-MDL-WATER-01-QT1-2023



Tgt Ion:252 Resp: 200290
Ion Ratio Lower Upper
252 100
253 21.3 17.8 26.6
125 14.8 10.5 15.7

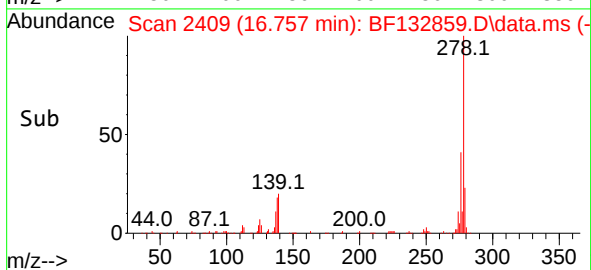
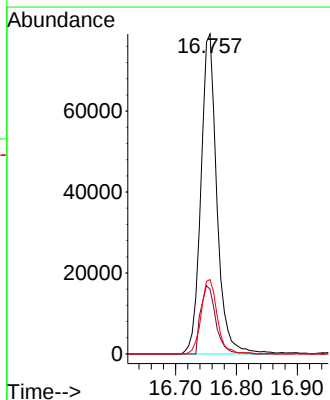
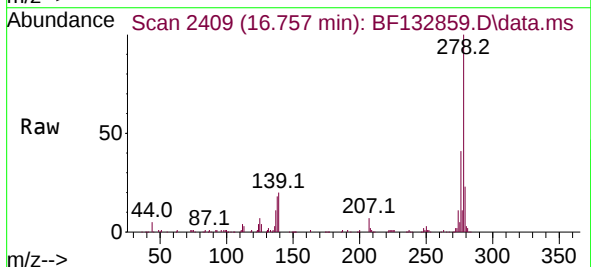
Manual Integrations
APPROVED

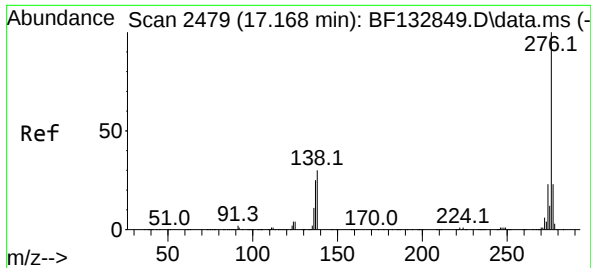
Reviewed By :Christian Giraldo 04/12/2023
Supervised By :Jagrut Upadhyay 04/12/2023



#91
Dibenzo(a,h)anthracene
Concen: 8.772 ng
RT: 16.757 min Scan# 2409
Delta R.T. -0.011 min
Lab File: BF132859.D
Acq: 11 Apr 2023 20:21

Tgt Ion:278 Resp: 144006
Ion Ratio Lower Upper
278 100
139 20.2 17.4 26.0
279 23.2 19.0 28.6





#92

Benzo(g,h,i)perylene

Concen: 8.786 ng

RT: 17.151 min Scan# 24

Delta R.T. -0.017 min

Lab File: BF132859.D

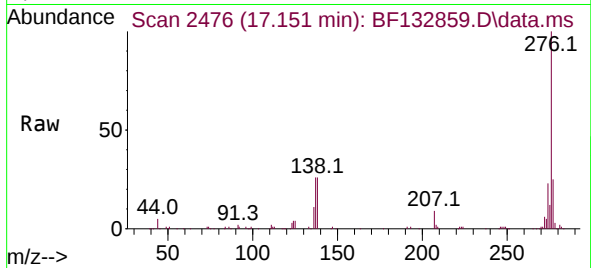
Acq: 11 Apr 2023 20:21

Instrument :

BNA_F

ClientSampleId :

LOD-MDL-WATER-01-QT1-2023



Tgt Ion:276 Resp: 14138

Ion Ratio Lower Upper

276 100

277 25.0 18.6 28.0

138 26.5 23.8 35.6

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 04/12/2023

Supervised By :Jagrut Upadhyay 04/12/2023

