

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF041123\
 Data File : BF132858.D
 Acq On : 11 Apr 2023 19:47
 Operator : CG\JU
 Sample : 01627-07
 Misc : LOD-MDL-WATER 4ppm
 ALS Vial : 15 Sample Multiplier: 1

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

Quant Time: Apr 12 04:19:04 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 04:14:35 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	225409	20.000	ng	0.00
21) Naphthalene-d8	8.051	136	874156	20.000	ng	0.00
39) Acenaphthene-d10	9.804	164	450067	20.000	ng	0.00
64) Phenanthrene-d10	11.286	188	807436	20.000	ng	0.00
76) Chrysene-d12	13.915	240	619573	20.000	ng	0.00
86) Perylene-d12	15.345	264	509266	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.369	112	1545169	106.494	ng	0.00
7) Phenol-d6	6.398	99	1967714	105.150	ng	0.00
23) Nitrobenzene-d5	7.334	82	1308555	77.461	ng	0.00
42) 2,4,6-Tribromophenol	10.592	330	474648	118.666	ng	0.00
45) 2-Fluorobiphenyl	9.133	172	2194354	77.129	ng	0.00
79) Terphenyl-d14	12.874	244	2438396	68.191	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	2.716	88	160	16.377	ng	# 100
3) Pyridine	3.257	79	65816	3.305	ng	95
4) n-Nitrosodimethylamine	3.116	42	35144	3.653	ng	# 97
6) Aniline	6.434	93	94109	3.891	ng	99
8) 2-Chlorophenol	6.551	128	61355	4.204	ng	96
9) Benzaldehyde	6.316	77	58529	5.211	ng	99
10) Phenol	6.410	94	90923m	4.315	ng	
11) bis(2-Chloroethyl)ether	6.504	93	65178	4.173	ng	98
12) 1,3-Dichlorobenzene	6.710	146	69835	4.337	ng	97
13) 1,4-Dichlorobenzene	6.787	146	73286	4.515	ng	96
14) 1,2-Dichlorobenzene	6.939	146	66801	4.382	ng	99
15) Benzyl Alcohol	6.904	79	67196m	5.523	ng	
16) 2,2'-oxybis(1-Chloropr...	7.045	45	108600	4.164	ng	98
17) 2-Methylphenol	7.010	107	51794	3.892	ng	98
18) Hexachloroethane	7.281	117	22329	3.996	ng	94
19) n-Nitroso-di-n-propyla...	7.175	70	43080	4.043	ng	98
20) 3+4-Methylphenols	7.169	107	66791	4.200	ng	# 87
22) Acetophenone	7.175	105	94435	4.558	ng	# 99
24) Nitrobenzene	7.345	77	73527	4.296	ng	96
25) Isophorone	7.581	82	121563	4.036	ng	95
26) 2-Nitrophenol	7.663	139	20373	3.337	ng	99
27) 2,4-Dimethylphenol	7.698	122	53161	4.309	ng	97
28) bis(2-Chloroethoxy)met...	7.798	93	74426	4.164	ng	99
29) 2,4-Dichlorophenol	7.898	162	48502	4.142	ng	96
30) 1,2,4-Trichlorobenzene	7.992	180	56570	4.375	ng	99
31) Naphthalene	8.075	128	195019	4.372	ng	97
33) 4-Chloroaniline	8.122	127	66809	3.770	ng	99
34) Hexachlorobutadiene	8.198	225	28558	4.057	ng	97
35) Caprolactam	8.439	113	11326	3.644	ng	93
36) 4-Chloro-3-methylphenol	8.592	107	48095	3.850	ng	94
37) 2-Methylnaphthalene	8.763	142	127626	4.278	ng	97
38) 1-Methylnaphthalene	8.863	142	117351	4.217	ng	97
40) 1,2,4,5-Tetrachloroben...	8.928	216	53314	4.243	ng	100
41) Hexachlorocyclopentadiene	8.922	237	22888	3.384	ng	98
43) 2,4,6-Trichlorophenol	9.039	196	28658	3.713	ng	98
44) 2,4,5-Trichlorophenol	9.069	196	32761	3.594	ng	95

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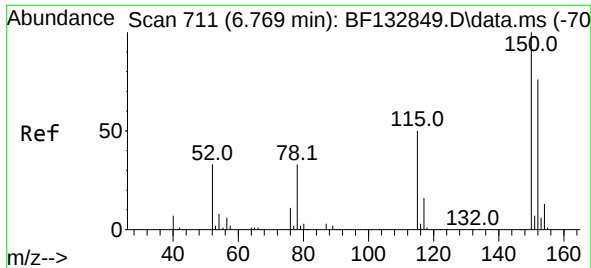
Quant Time: Apr 12 04:19:04 2023
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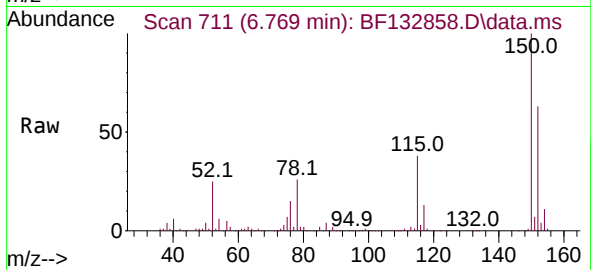
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
46) 1,1'-Biphenyl	9.228	154	163201	4.499	ng	99
47) 2-Chloronaphthalene	9.251	162	115446	4.348	ng	99
48) 2-Nitroaniline	9.339	65	18787	2.626	ng	97
49) Acenaphthylene	9.663	152	180962	4.216	ng	96
50) Dimethylphthalate	9.522	163	119805	4.122	ng	100
51) 2,6-Dinitrotoluene	9.580	165	21797	3.288	ng	95
52) Acenaphthene	9.833	154	115319	4.181	ng	97
53) 3-Nitroaniline	9.745	138	24008	3.130	ng	99
55) Dibenzofuran	10.004	168	167940	4.295	ng	98
56) 4-Nitrophenol	9.892	139	20233	3.347	ng	97
57) 2,4-Dinitrotoluene	9.980	165	23493	2.852	ng	99
58) Fluorene	10.345	166	130225	4.516	ng	99
59) 2,3,4,6-Tetrachlorophenol	10.122	232	25893	3.730	ng	96
60) Diethylphthalate	10.227	149	99037	4.009	ng	99
61) 4-Chlorophenyl-phenyle...	10.345	204	58047	4.231	ng	98
62) 4-Nitroaniline	10.351	138	21825	2.979	ng	96
63) Azobenzene	10.504	77	127289	3.956	ng	98
65) 4,6-Dinitro-2-methylph...	10.386	198	7706	2.033	ng	92
66) n-Nitrosodiphenylamine	10.457	169	102255	4.150	ng	97
67) 4-Bromophenyl-phenylether	10.833	248	32646	3.809	ng	92
68) Hexachlorobenzene	10.898	284	37500	4.226	ng	99
69) Atrazine	10.980	200	24050	3.982	ng	96
70) Pentachlorophenol	11.086	266	17763	3.039	ng	98
71) Phenanthrene	11.304	178	194256	4.386	ng	99
72) Anthracene	11.357	178	189425	4.184	ng	100
73) Carbazole	11.510	167	167916	4.240	ng	98
74) Di-n-butylphthalate	11.857	149	90642	3.567	ng	99
75) Fluoranthene	12.492	202	175562	3.960	ng	99
77) Benzidine	12.616	184	15605m	3.813	ng	
78) Pyrene	12.716	202	188469	3.561	ng	98
80) Butylbenzylphthalate	13.345	149	6890	2.344	ng	94
81) Benzo(a)anthracene	13.904	228	155066	3.639	ng	98
82) 3,3'-Dichlorobenzidine	13.874	252	19865	2.937	ng	95
83) Chrysene	13.939	228	159839	3.810	ng	99
84) Bis(2-ethylhexyl)phtha...	13.915	149	12257	2.719	ng	100
87) Indeno(1,2,3-cd)pyrene	16.733	276	77246	2.659	ng	99
88) Benzo(b)fluoranthene	14.933	252	122826	3.737	ng	99
89) Benzo(k)fluoranthene	14.957	252	131650	3.899	ng	99
90) Benzo(a)pyrene	15.286	252	93523	3.173	ng	99
91) Dibenzo(a,h)anthracene	16.756	278	66632	2.771	ng	97
92) Benzo(g,h,i)perylene	17.145	276	64856	2.648	ng	99

(#) = 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: BF132858.D
Acq: 11 Apr 2023 19:47

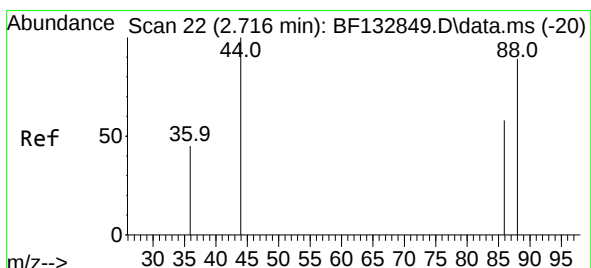
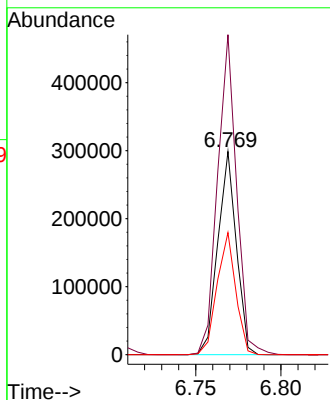
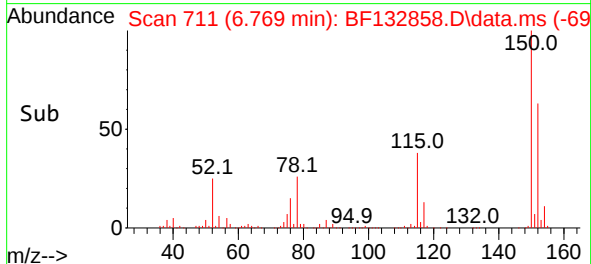
Instrument :
BNA_F
ClientSampleId :
LOD-MDL-WATER-01-QT1-2023



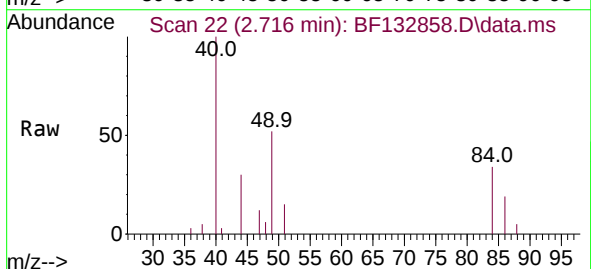
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Ion Ratio Lower Upper
152 100
150 157.6 127.8 191.6
115 60.1 52.2 78.4

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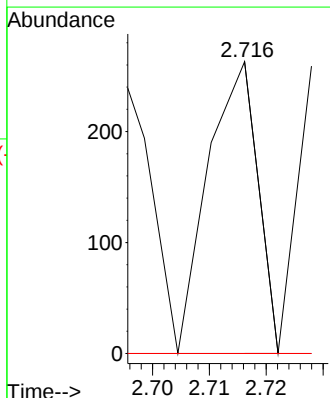
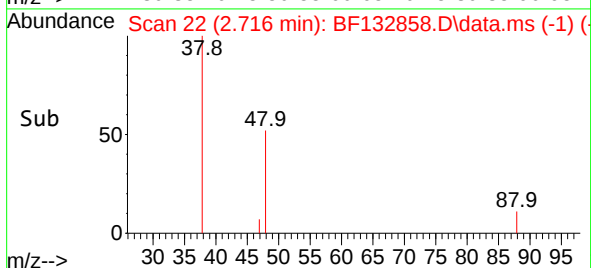
Reviewed By :Christian Giraldo 04/12/2023
Supervised By :Jagrut Upadhyay 04/12/2023

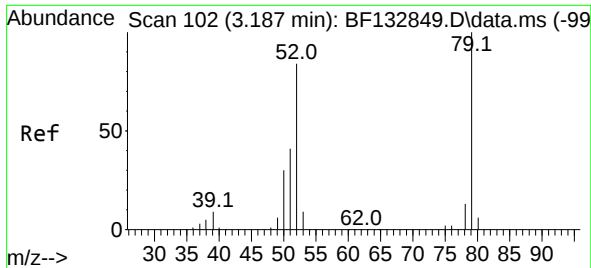


#2
1,4-Dioxane
Concen: 16.377 ng
RT: 2.716 min Scan# 22
Delta R.T. 0.000 min
Lab File: BF132858.D
Acq: 11 Apr 2023 19:47



Tgt Ion: 88 Resp: 160
Ion Ratio Lower Upper
88 100
58 0.0 0.0 0.0
43 0.0 0.0 0.0





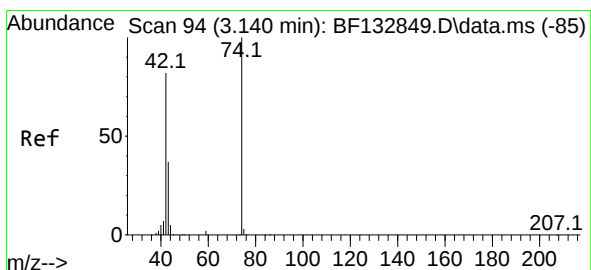
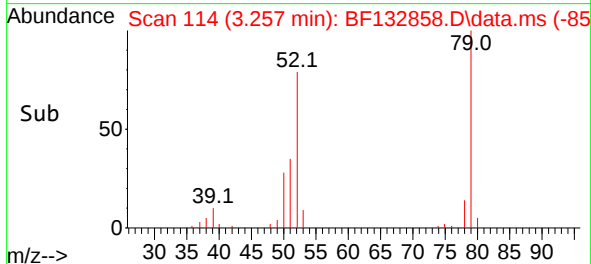
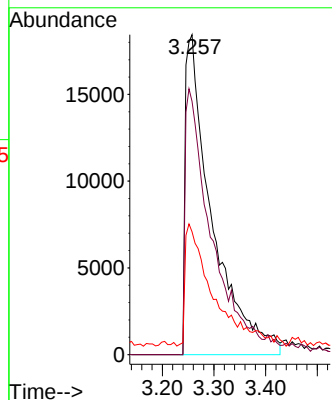
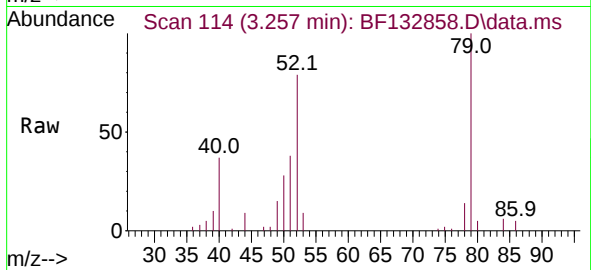
#3
Pyridine
Concen: 3.305 ng
RT: 3.257 min Scan# 114
Delta R.T. 0.071 min
Lab File: BF132858.D
Acq: 11 Apr 2023 19:47

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

Tgt Ion: 79 Resp: 65816
Ion Ratio Lower Upper
79 100
52 79.1 67.3 100.9
51 38.4 32.6 48.8

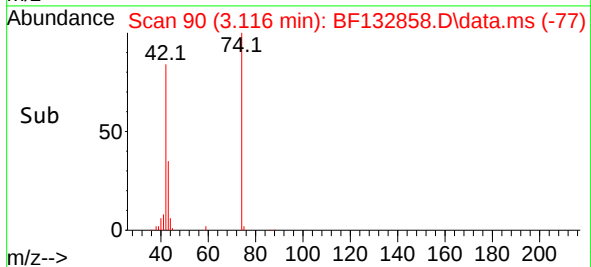
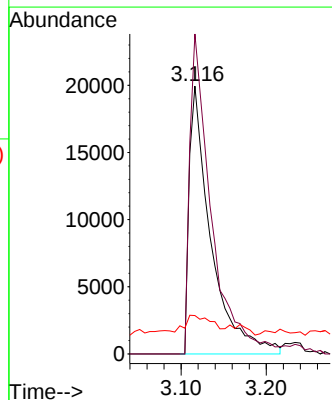
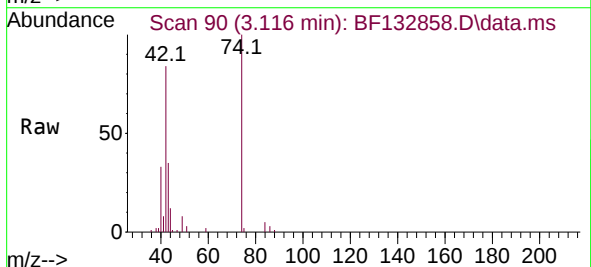
Manual Integrations
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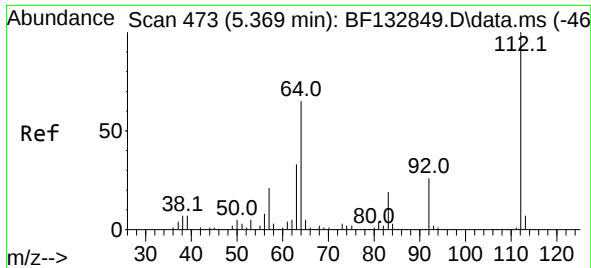
Reviewed By :Christian Giraldo 04/12/2023
Supervised By :Jagrut Upadhyay 04/12/2023



#4
n-Nitrosodimethylamine
Concen: 3.653 ng
RT: 3.116 min Scan# 90
Delta R.T. -0.023 min
Lab File: BF132858.D
Acq: 11 Apr 2023 19:47

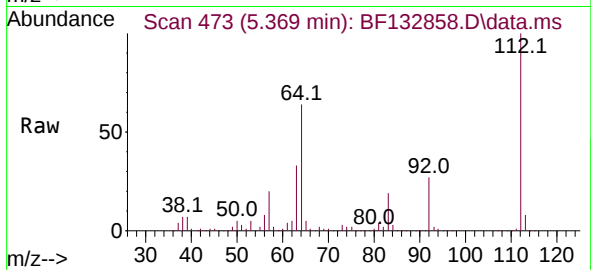
Tgt Ion: 42 Resp: 35144
Ion Ratio Lower Upper
42 100
74 119.5 97.7 146.5
44 14.3 6.0 9.0





#5
2-Fluorophenol
Concen: 106.494 ng
RT: 5.369 min Scan# 473
Delta R.T. 0.000 min
Lab File: BF132858.D
Acq: 11 Apr 2023 19:47

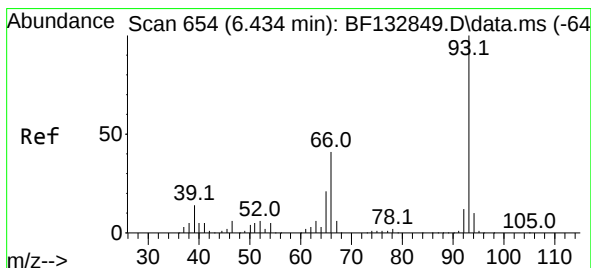
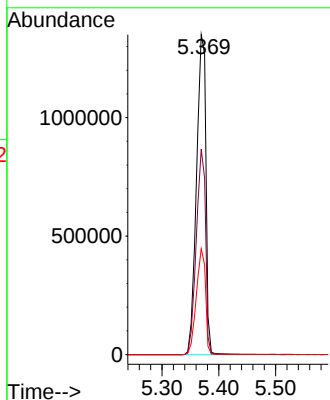
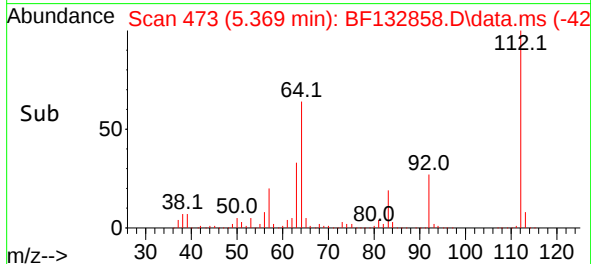
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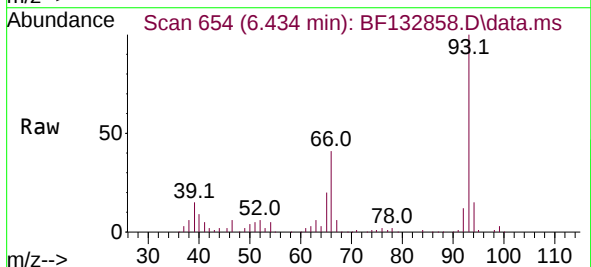
Tgt Ion:112 Resp: 1545169
Ion Ratio Lower Upper
112 100
64 64.2 51.7 77.5
63 33.1 26.4 39.6

Manual Integrations
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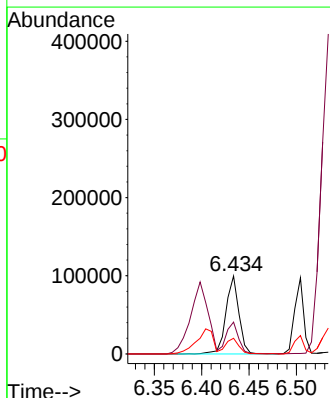
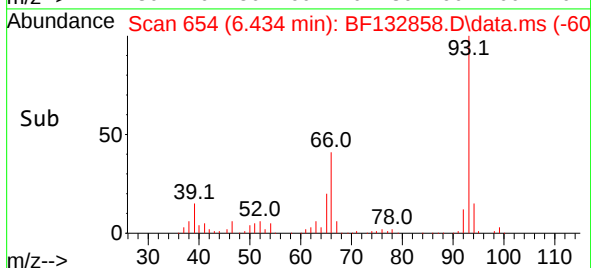
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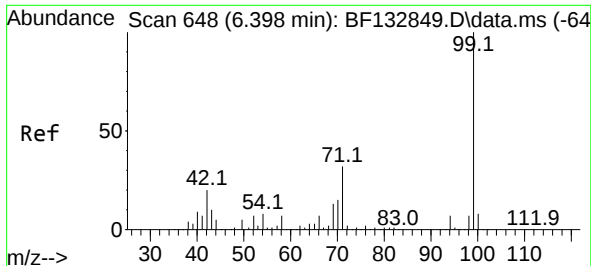


#6
Aniline
Concen: 3.891 ng
RT: 6.434 min Scan# 654
Delta R.T. 0.000 min
Lab File: BF132858.D
Acq: 11 Apr 2023 19:47



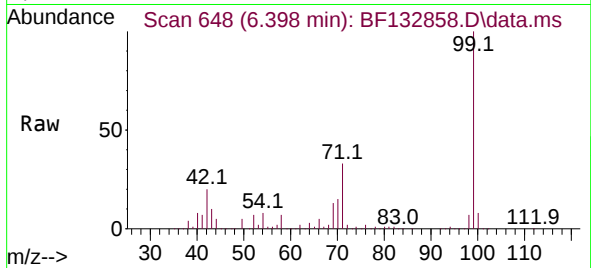
Tgt Ion: 93 Resp: 94109
Ion Ratio Lower Upper
93 100
66 40.8 33.0 49.4
65 20.1 16.8 25.2





#7
Phenol-d6
Concen: 105.150 ng
RT: 6.398 min Scan# 648
Delta R.T. 0.000 min
Lab File: BF132858.D
Acq: 11 Apr 2023 19:47

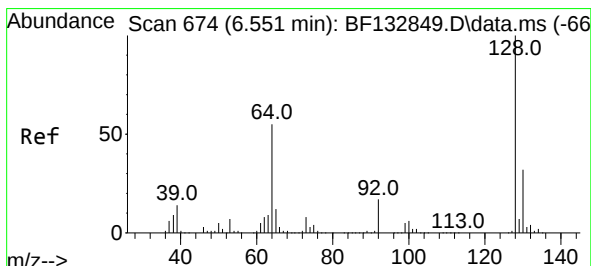
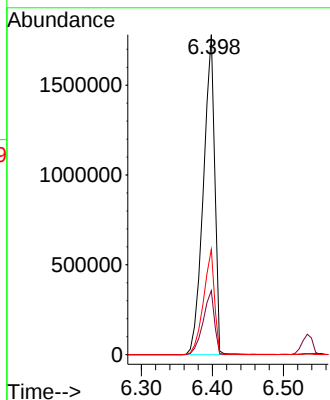
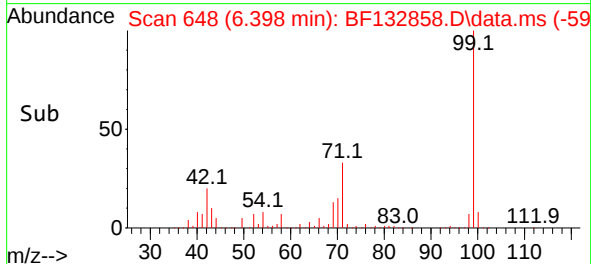
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Tgt Ion: 99 Resp: 1967714
Ion Ratio Lower Upper
99 100
42 20.0 16.3 24.5
71 32.9 25.8 38.6

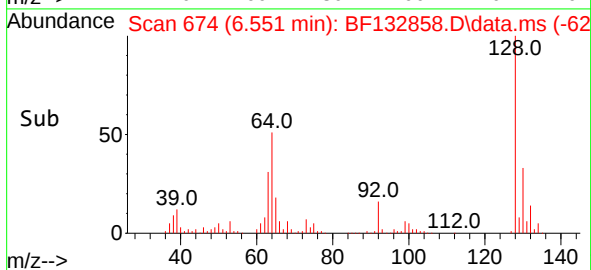
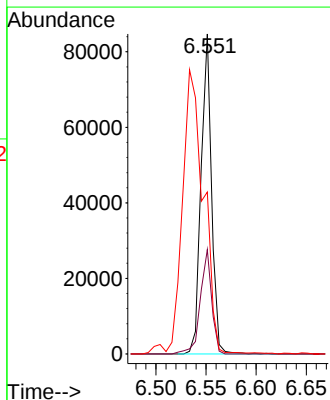
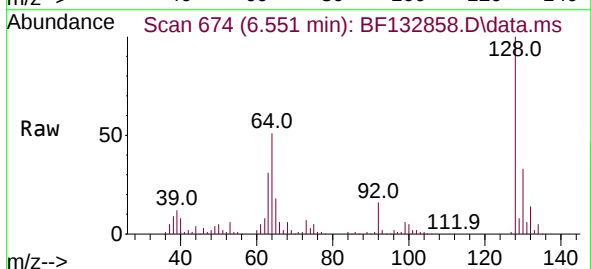
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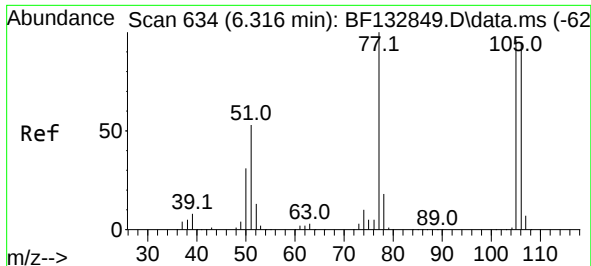
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#8
2-Chlorophenol
Concen: 4.204 ng
RT: 6.551 min Scan# 674
Delta R.T. 0.000 min
Lab File: BF132858.D
Acq: 11 Apr 2023 19:47

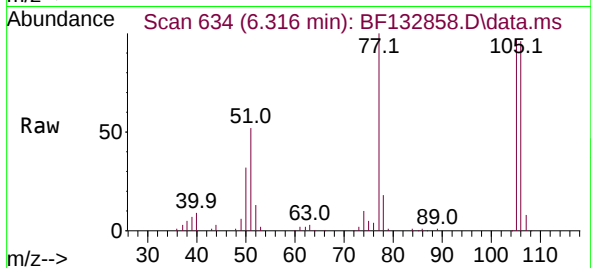
Tgt Ion:128 Resp: 61355
Ion Ratio Lower Upper
128 100
130 32.6 12.3 52.3
64 50.6 35.4 75.4





#9
Benzaldehyde
Concen: 5.211 ng
RT: 6.316 min Scan# 634
Delta R.T. -0.000 min
Lab File: BF132858.D
Acq: 11 Apr 2023 19:47

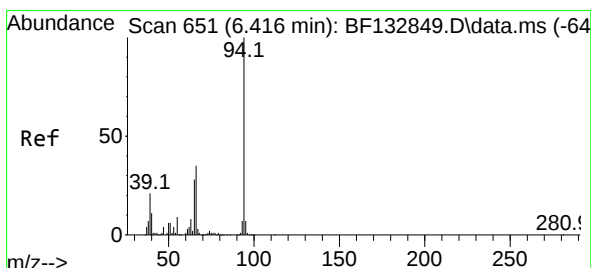
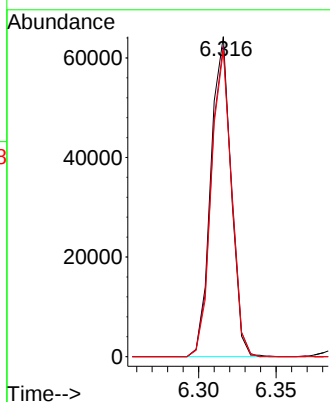
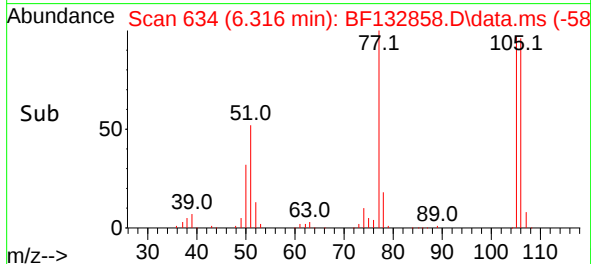
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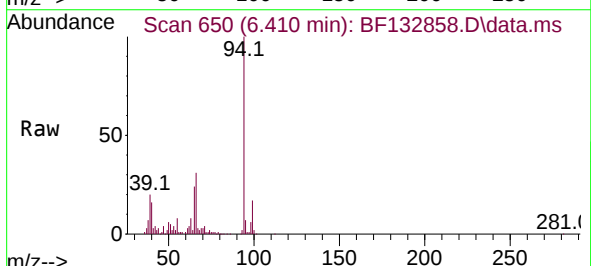
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Ion Ratio Lower Upper
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106 95.7 73.8 113.8

Manual Integrations
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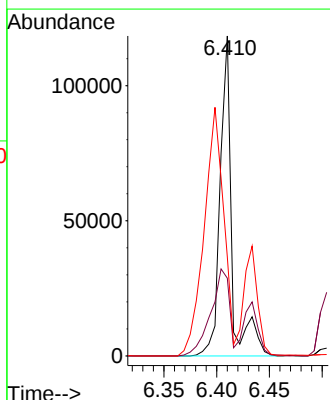
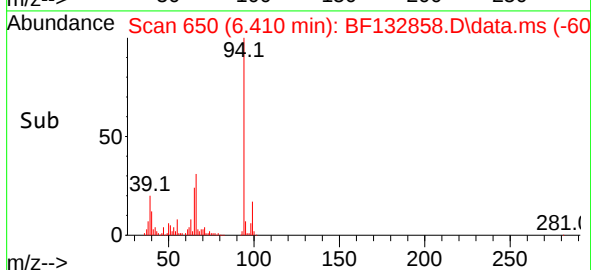
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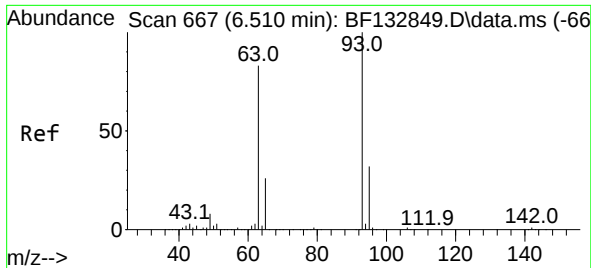


#10
Phenol
Concen: 4.315 ng m
RT: 6.410 min Scan# 650
Delta R.T. -0.006 min
Lab File: BF132858.D
Acq: 11 Apr 2023 19:47



Tgt Ion: 94 Resp: 90923
Ion Ratio Lower Upper
94 100
65 24.3 7.7 47.7
66 30.9 15.2 55.2





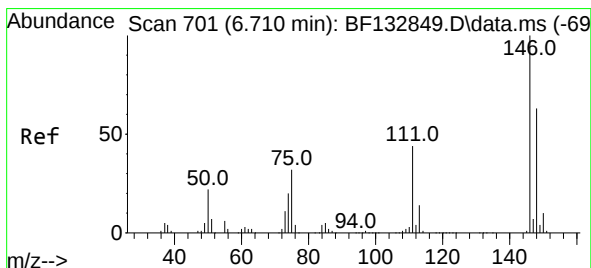
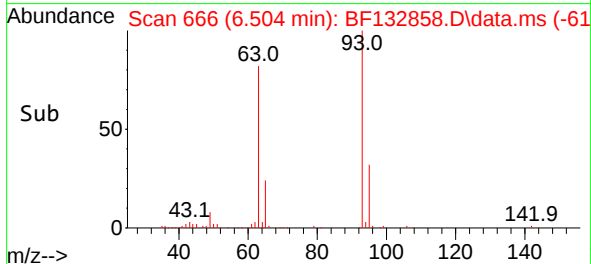
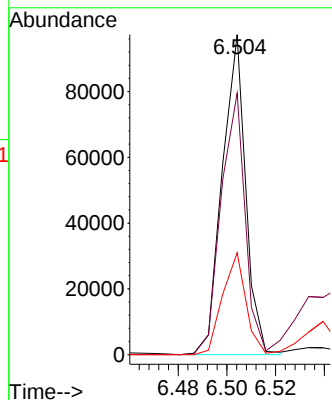
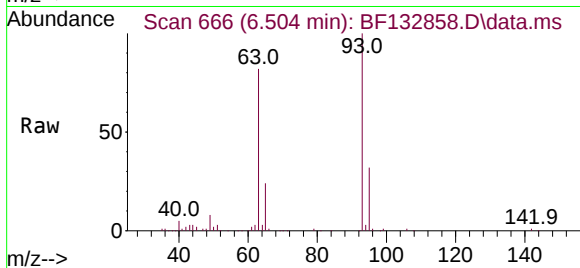
#11
bis(2-Chloroethyl)ether
Concen: 4.173 ng
RT: 6.504 min Scan# 60
Delta R.T. -0.006 min
Lab File: BF132858.D
Acq: 11 Apr 2023 19:47

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

Tgt Ion: 93 Resp: 65178
Ion Ratio Lower Upper
93 100
63 81.7 63.3 103.3
95 31.8 12.4 52.4

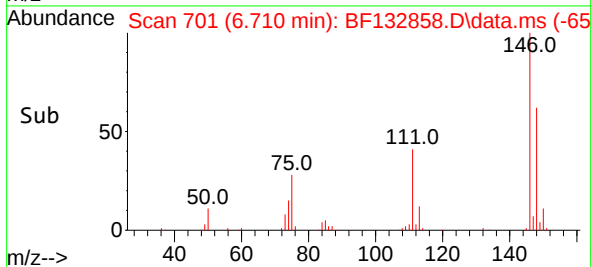
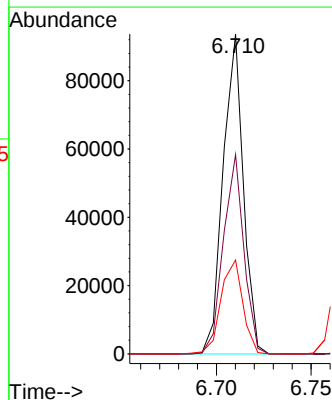
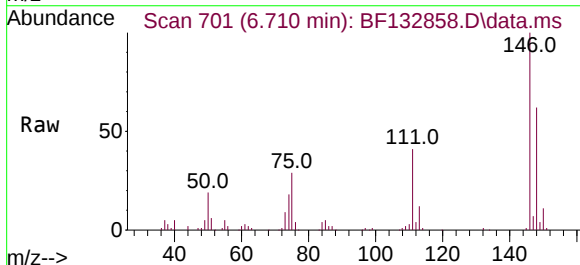
Manual Integrations
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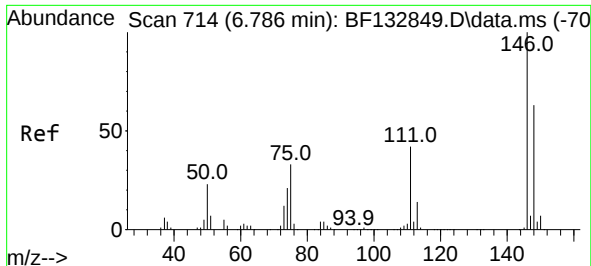
Reviewed By :Christian Giraldo 04/12/2023
Supervised By :Jagrut Upadhyay 04/12/2023



#12
1,3-Dichlorobenzene
Concen: 4.337 ng
RT: 6.710 min Scan# 701
Delta R.T. 0.000 min
Lab File: BF132858.D
Acq: 11 Apr 2023 19:47

Tgt Ion:146 Resp: 69835
Ion Ratio Lower Upper
146 100
148 62.3 50.6 76.0
75 29.3 25.8 38.6





#13

1,4-Dichlorobenzene

Concen: 4.515 ng

RT: 6.787 min Scan# 714

Delta R.T. 0.000 min

Lab File: BF132858.D

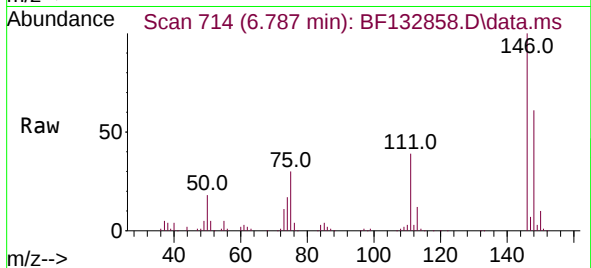
Acq: 11 Apr 2023 19:47

Instrument :

BNA_F

ClientSampleId :

LOD-MDL-WATER-01-QT1-2023



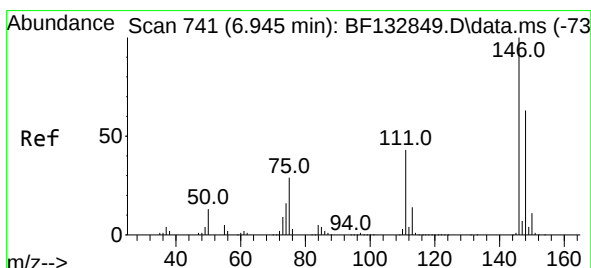
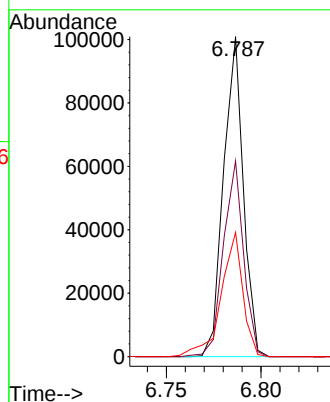
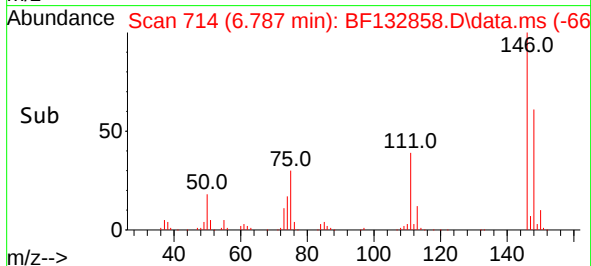
Tgt Ion:146 Resp: 73286

Ion	Ratio	Lower	Upper
146	100		
148	61.1	50.6	76.0
111	38.8	33.8	50.6

Manual Integrations

APPROVED

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



#14

1,2-Dichlorobenzene

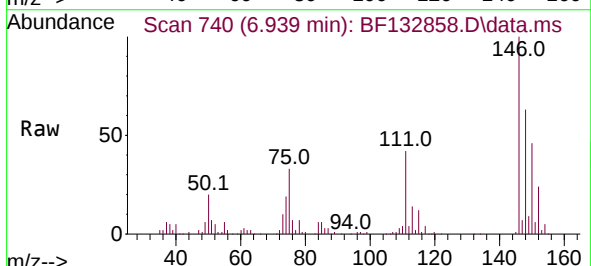
Concen: 4.382 ng

RT: 6.939 min Scan# 740

Delta R.T. -0.006 min

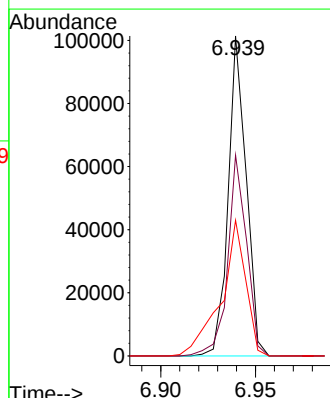
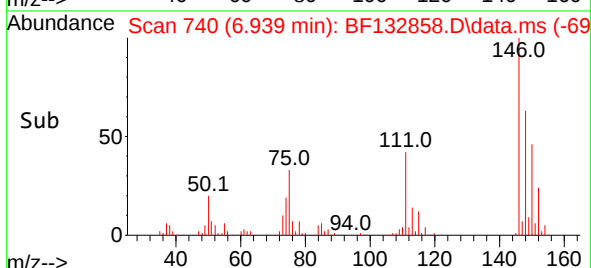
Lab File: BF132858.D

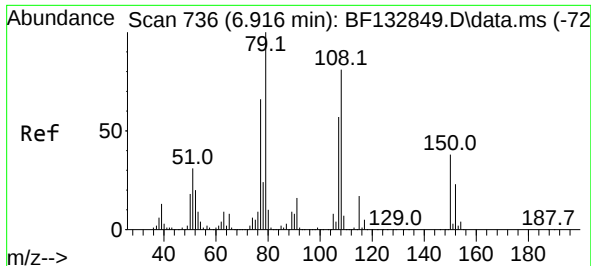
Acq: 11 Apr 2023 19:47



Tgt Ion:146 Resp: 66801

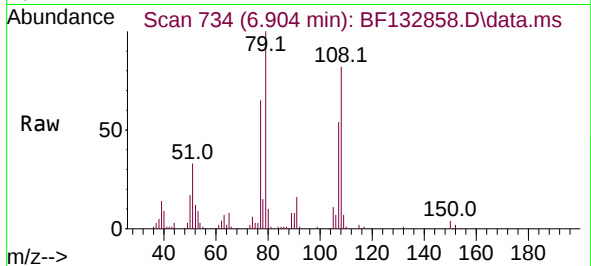
Ion	Ratio	Lower	Upper
146	100		
148	62.7	50.6	75.8
111	42.4	34.2	51.4





#15
Benzyl Alcohol
Concen: 5.523 ng m
RT: 6.904 min Scan# 734
Delta R.T. -0.012 min
Lab File: BF132858.D
Acq: 11 Apr 2023 19:47

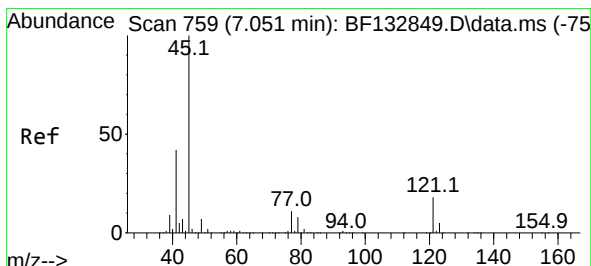
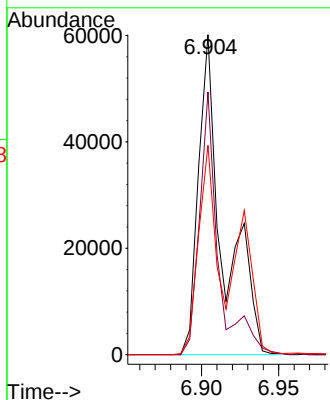
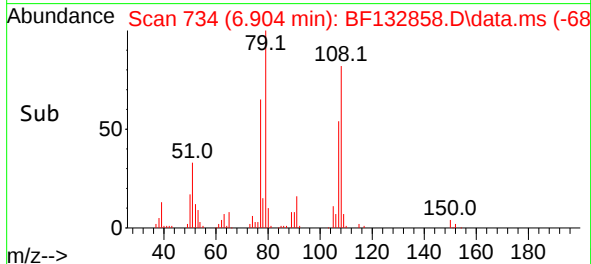
Instrument :
BNA_F
ClientSampleId :
LOD-MDL-WATER-01-QT1-2023



Tgt Ion: 79 Resp: 67196
Ion Ratio Lower Upper
79 100
108 82.0 65.0 97.6
77 65.4 53.0 79.4

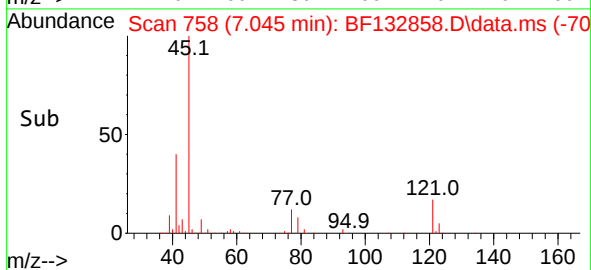
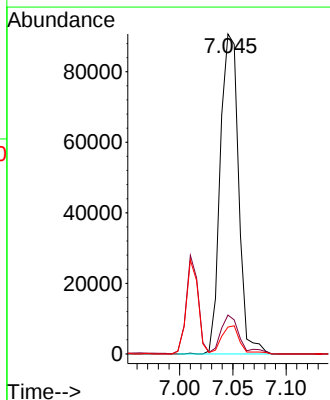
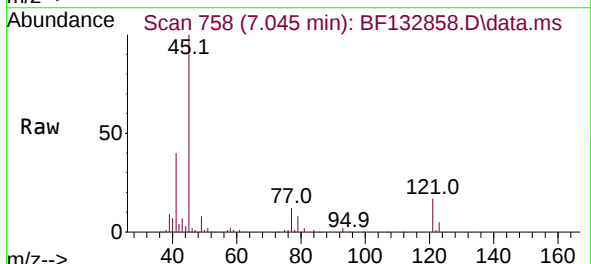
Manual Integrations
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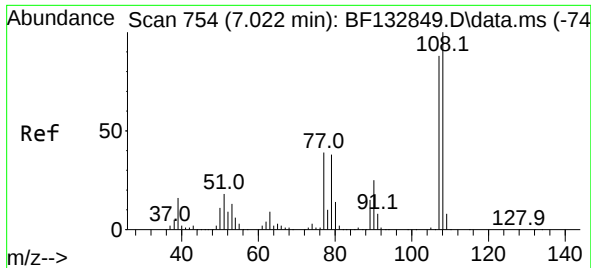
Reviewed By :Christian Giraldo 04/12/2023
Supervised By :Jagrut Upadhyay 04/12/2023



#16
2,2'-oxybis(1-Chloropropane)
Concen: 4.164 ng
RT: 7.045 min Scan# 758
Delta R.T. -0.006 min
Lab File: BF132858.D
Acq: 11 Apr 2023 19:47

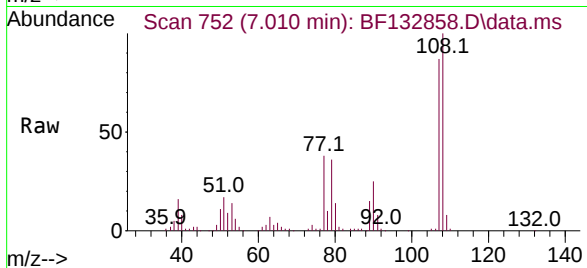
Tgt Ion: 45 Resp: 108600
Ion Ratio Lower Upper
45 100
77 12.1 0.0 31.2
79 8.4 0.0 28.5





#17
2-Methylphenol
Concen: 3.892 ng
RT: 7.010 min Scan# 754
Delta R.T. -0.012 min
Lab File: BF132858.D
Acq: 11 Apr 2023 19:47

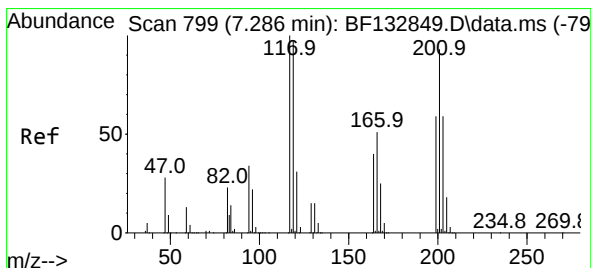
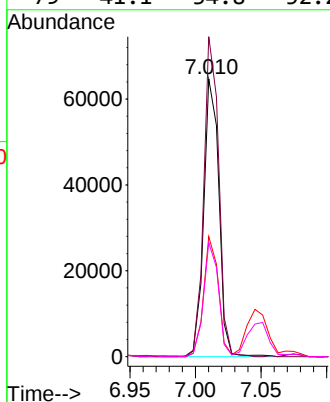
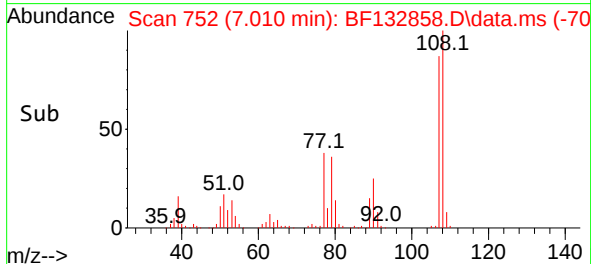
Instrument :
BNA_F
ClientSampleId :
LOD-MDL-WATER-01-QT1-2023



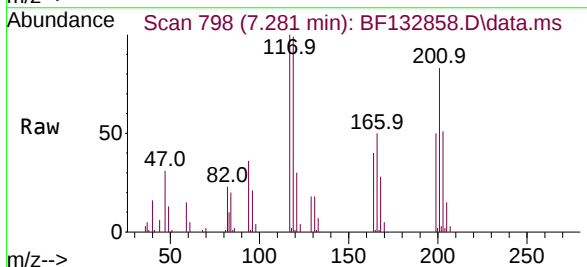
Tgt Ion:	107	Resp:	51794
Ion	Ratio	Lower	Upper
107	100		
108	115.2	91.4	137.0
77	43.3	35.5	53.3
79	41.1	34.8	52.2

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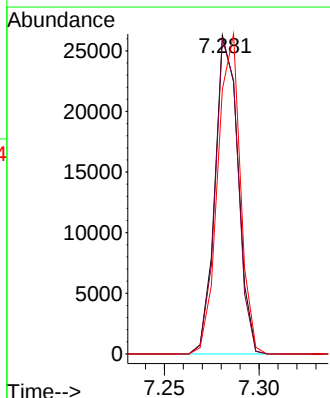
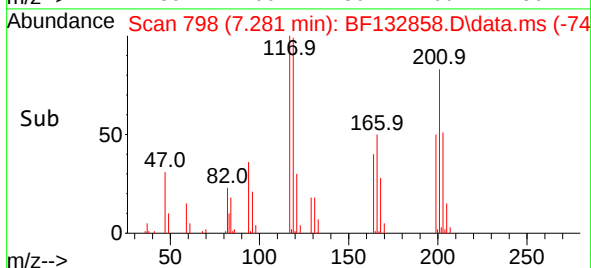
Reviewed By :Christian Giraldo 04/12/2023
Supervised By :Jagrut Upadhyay 04/12/2023

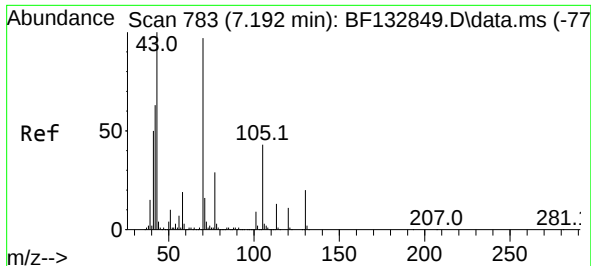


#18
Hexachloroethane
Concen: 3.996 ng
RT: 7.281 min Scan# 798
Delta R.T. -0.006 min
Lab File: BF132858.D
Acq: 11 Apr 2023 19:47



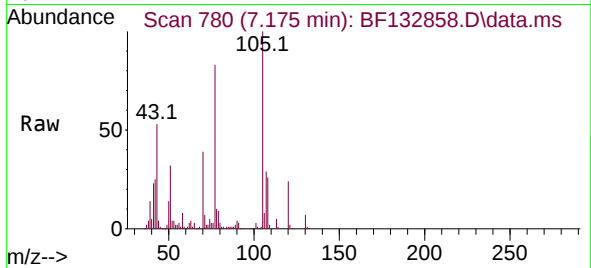
Tgt Ion:	117	Resp:	22329
Ion	Ratio	Lower	Upper
117	100		
119	98.9	77.8	116.6
201	83.0	74.2	111.4





#19
n-Nitroso-di-n-propylamine
Concen: 4.043 ng
RT: 7.175 min Scan# 783
Delta R.T. -0.018 min
Lab File: BF132858.D
Acq: 11 Apr 2023 19:47

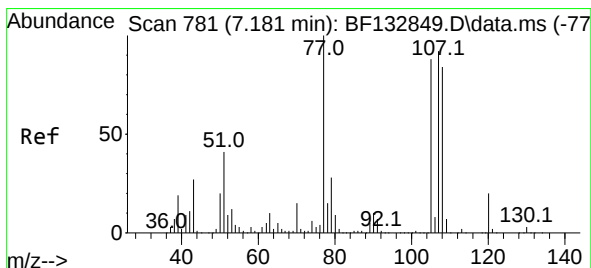
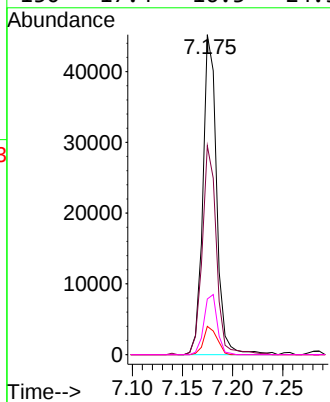
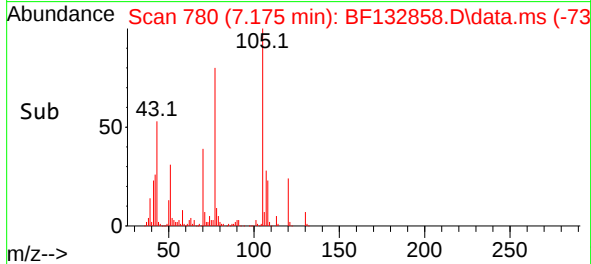
Instrument :
BNA_F
ClientSampleId :
LOD-MDL-WATER-01-QT1-2023



Tgt Ion: 70 Resp: 43080
Ion Ratio Lower Upper
70 100
42 65.3 51.6 77.4
101 8.8 7.5 11.3
130 17.4 16.3 24.5

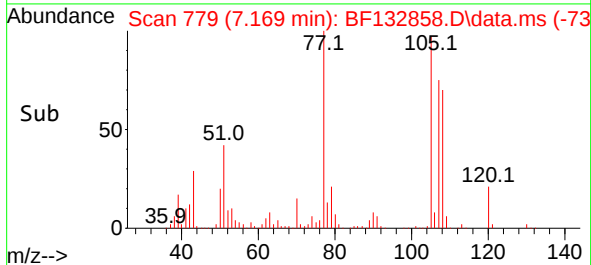
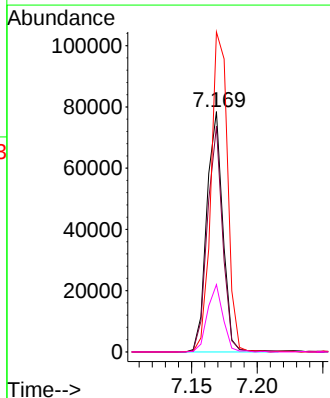
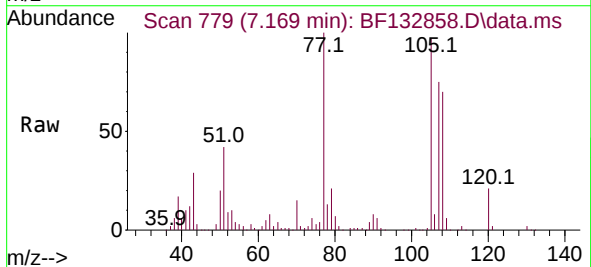
Manual Integrations
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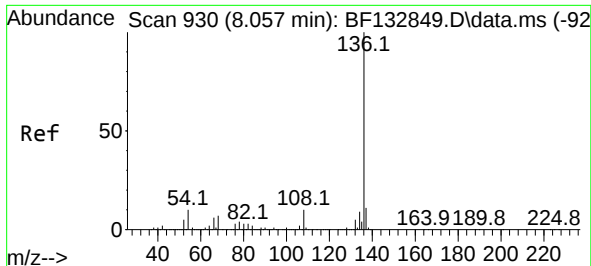
Reviewed By :Christian Giraldo 04/12/2023
Supervised By :Jagrut Upadhyay 04/12/2023



#20
3+4-Methylphenols
Concen: 4.200 ng
RT: 7.169 min Scan# 779
Delta R.T. -0.012 min
Lab File: BF132858.D
Acq: 11 Apr 2023 19:47

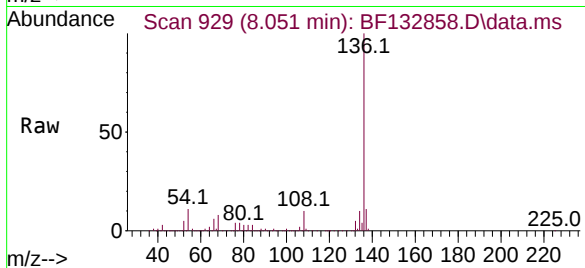
Tgt Ion:107 Resp: 66791
Ion Ratio Lower Upper
107 100
108 93.9 71.1 111.1
77 133.2 88.5 128.5#
79 28.0 10.3 50.3





#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.051 min Scan# 91
Delta R.T. -0.006 min
Lab File: BF132858.D
Acq: 11 Apr 2023 19:47

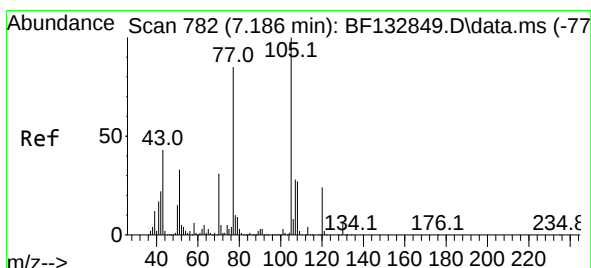
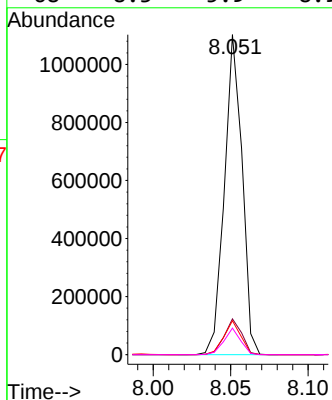
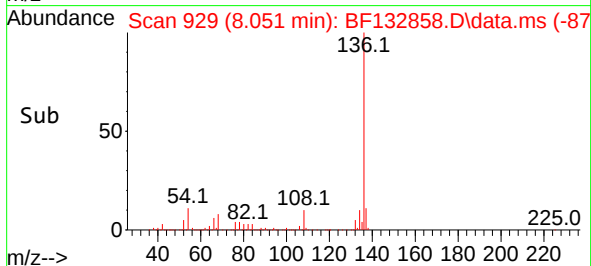
Instrument :
BNA_F
ClientSampleId :
LOD-MDL-WATER-01-QT1-2023



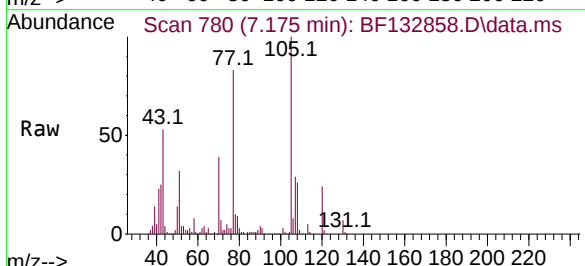
Tgt Ion:136 Resp: 874156
Ion Ratio Lower Upper
136 100
137 11.2 9.0 13.4
54 10.6 8.2 12.2
68 8.3 5.9 8.9

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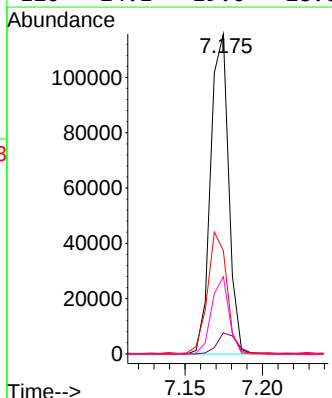
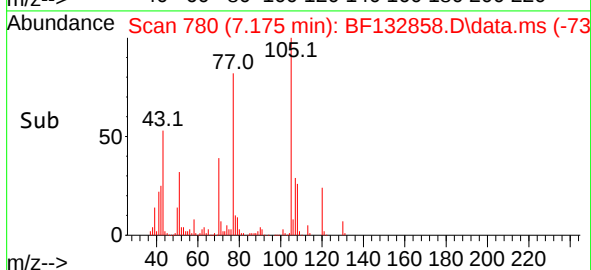
Reviewed By :Christian Giraldo 04/12/2023
Supervised By :Jagrut Upadhyay 04/12/2023

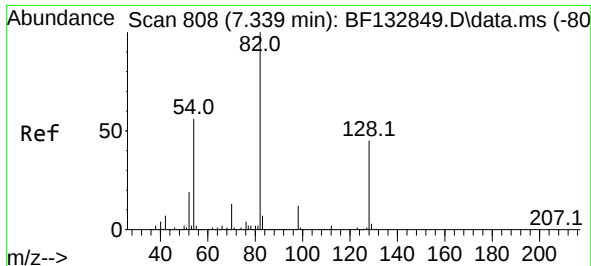


#22
Acetophenone
Concen: 4.558 ng
RT: 7.175 min Scan# 780
Delta R.T. -0.012 min
Lab File: BF132858.D
Acq: 11 Apr 2023 19:47



Tgt Ion:105 Resp: 94435
Ion Ratio Lower Upper
105 100
71 6.6 4.1 6.1#
51 32.3 26.6 39.8
120 24.1 19.0 28.6





#23

Nitrobenzene-d5

Concen: 77.461 ng

RT: 7.334 min Scan# 80

Delta R.T. -0.006 min

Lab File: BF132858.D

Acq: 11 Apr 2023 19:47

Instrument :

BNA_F

ClientSampleId :

LOD-MDL-WATER-01-QT1-2023

Tgt Ion: 82 Resp: 130855

Ion Ratio Lower Upper

82 100

128 44.3 35.9 53.9

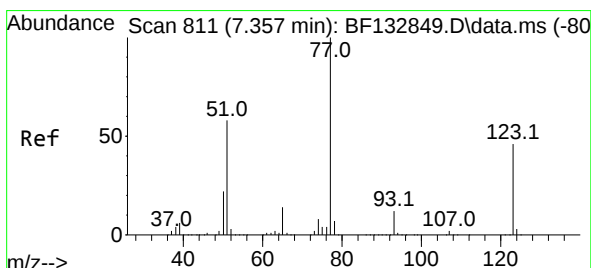
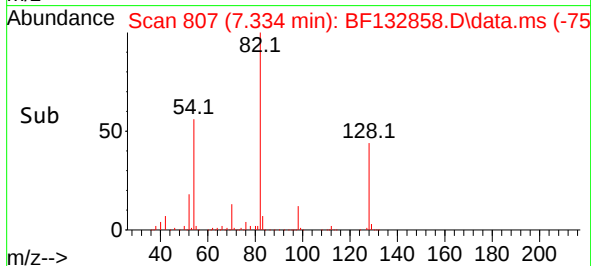
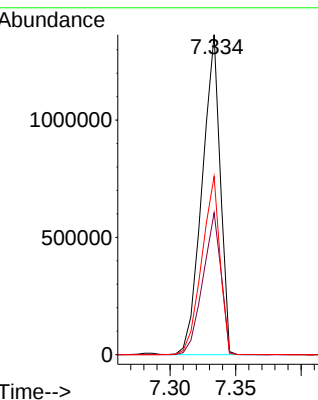
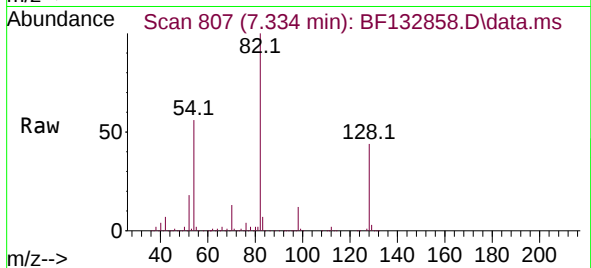
54 55.7 44.6 67.0

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 04/12/2023

Supervised By :Jagrut Upadhyay 04/12/2023



#24

Nitrobenzene

Concen: 4.296 ng

RT: 7.345 min Scan# 809

Delta R.T. -0.012 min

Lab File: BF132858.D

Acq: 11 Apr 2023 19:47

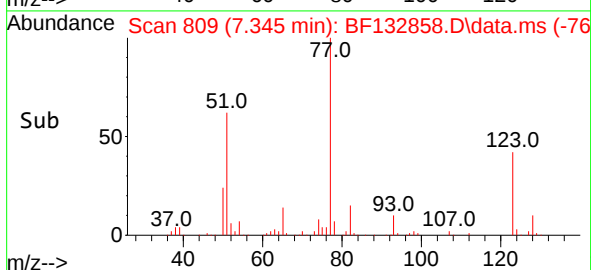
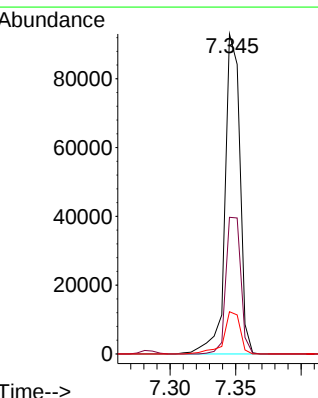
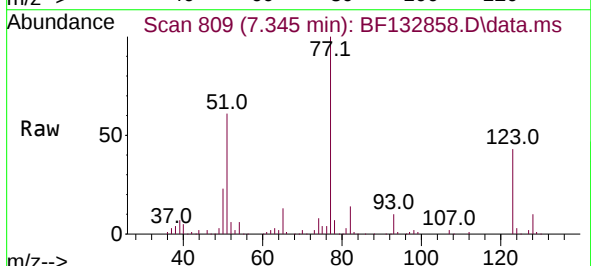
Tgt Ion: 77 Resp: 73527

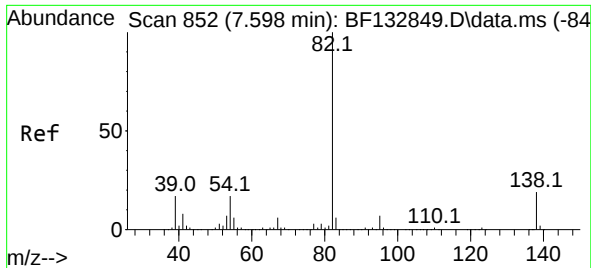
Ion Ratio Lower Upper

77 100

123 42.7 37.0 55.4

65 13.2 10.8 16.2





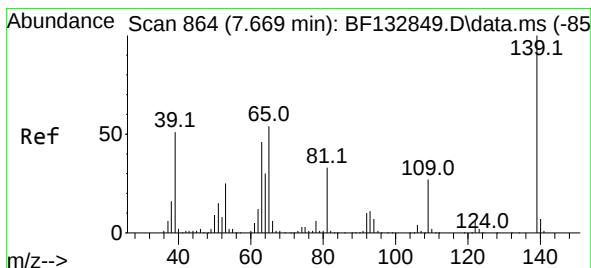
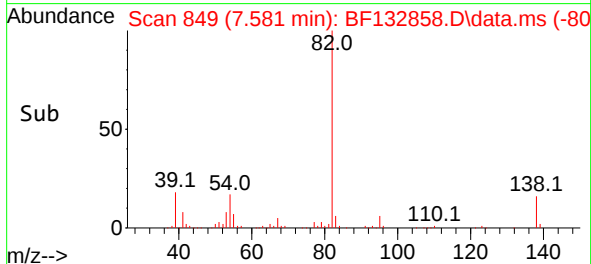
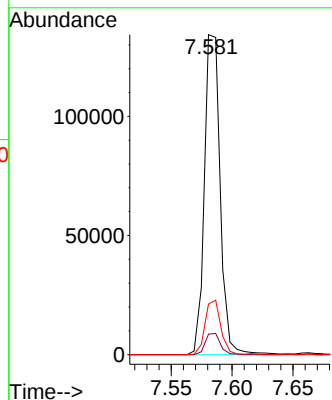
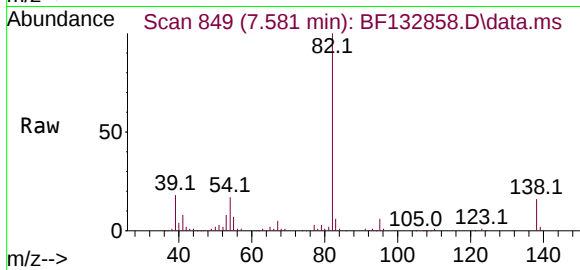
#25
Isophorone
Concen: 4.036 ng
RT: 7.581 min Scan# 84
Delta R.T. -0.018 min
Lab File: BF132858.D
Acq: 11 Apr 2023 19:47

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

Tgt Ion: 82 Resp: 121563
Ion Ratio Lower Upper
82 100
95 6.4 5.4 8.0
138 15.8 15.2 22.8

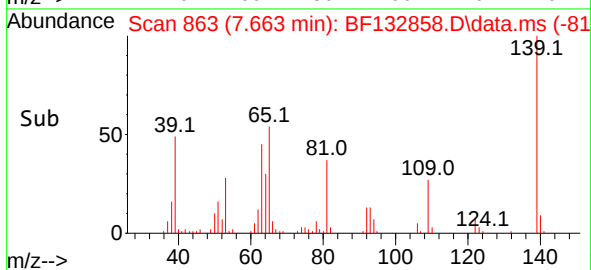
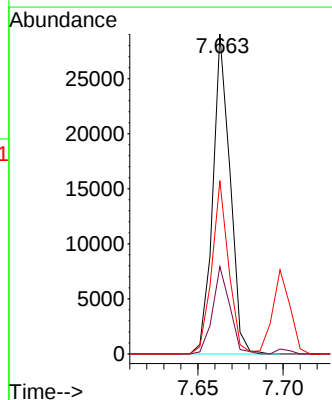
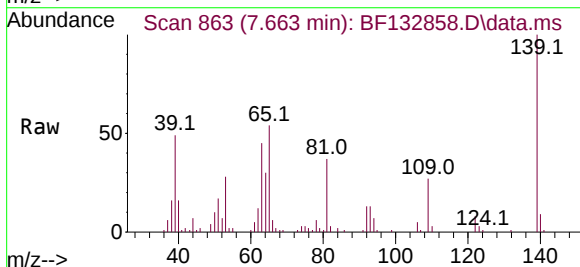
Manual Integrations
APPROVED

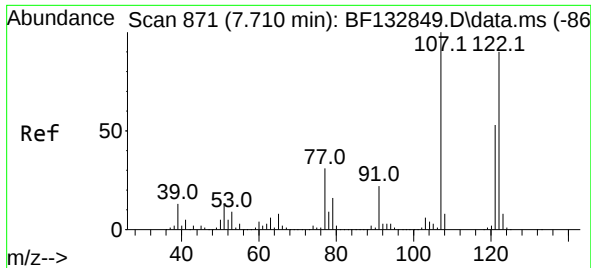
Reviewed By :Christian Giraldo 04/12/2023
Supervised By :Jagrut Upadhyay 04/12/2023



#26
2-Nitrophenol
Concen: 3.337 ng
RT: 7.663 min Scan# 863
Delta R.T. -0.006 min
Lab File: BF132858.D
Acq: 11 Apr 2023 19:47

Tgt Ion:139 Resp: 20373
Ion Ratio Lower Upper
139 100
109 27.3 21.3 31.9
65 54.2 42.9 64.3





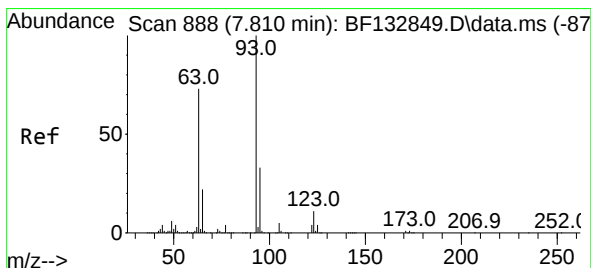
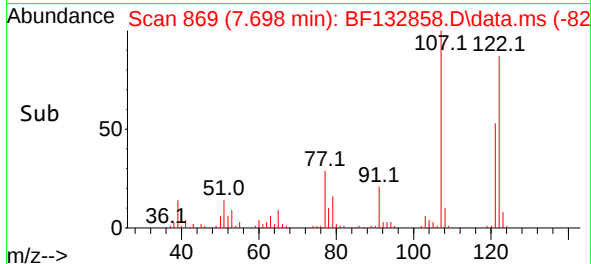
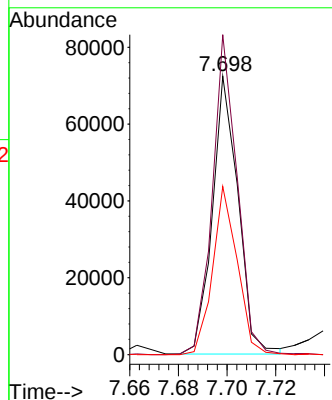
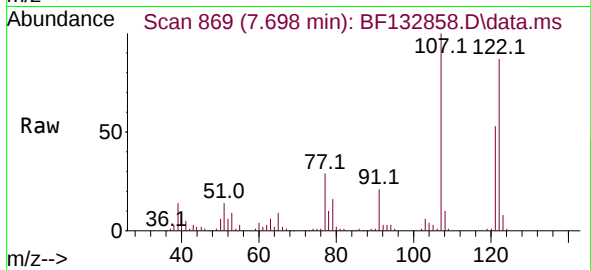
#27
2,4-Dimethylphenol
Concen: 4.309 ng
RT: 7.698 min Scan# 80
Delta R.T. -0.012 min
Lab File: BF132858.D
Acq: 11 Apr 2023 19:47

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

Tgt Ion:122 Resp: 5316
Ion Ratio Lower Upper
122 100
107 114.9 89.1 133.7
121 60.4 47.1 70.7

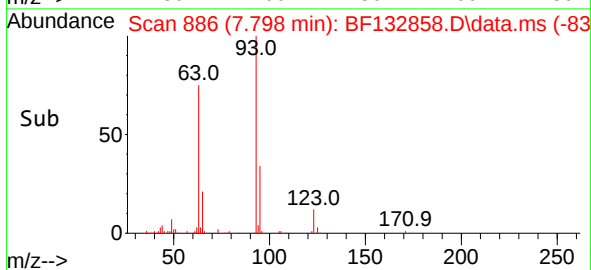
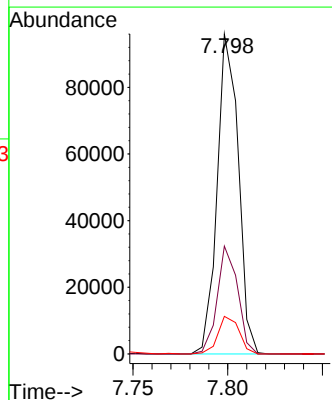
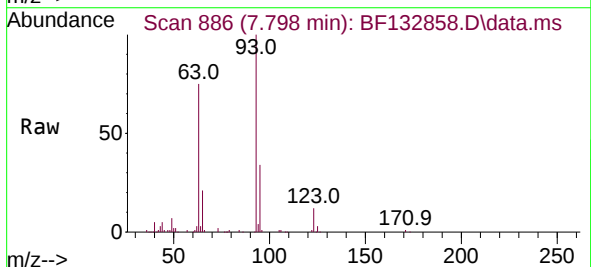
Manual Integrations
APPROVED

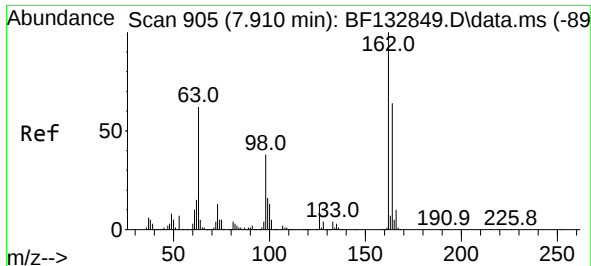
Reviewed By :Christian Giraldo 04/12/2023
Supervised By :Jagrut Upadhyay 04/12/2023



#28
bis(2-Chloroethoxy)methane
Concen: 4.164 ng
RT: 7.798 min Scan# 886
Delta R.T. -0.012 min
Lab File: BF132858.D
Acq: 11 Apr 2023 19:47

Tgt Ion: 93 Resp: 74426
Ion Ratio Lower Upper
93 100
95 33.7 26.3 39.5
123 11.7 9.3 13.9





#29

2,4-Dichlorophenol

Concen: 4.142 ng

RT: 7.898 min Scan# 905

Delta R.T. -0.012 min

Lab File: BF132858.D

Acq: 11 Apr 2023 19:47

Instrument :

BNA_F

ClientSampleId :

LOD-MDL-WATER-01-QT1-2023

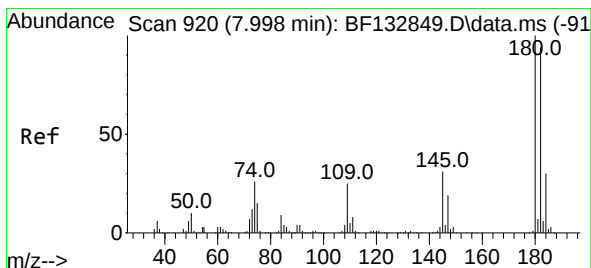
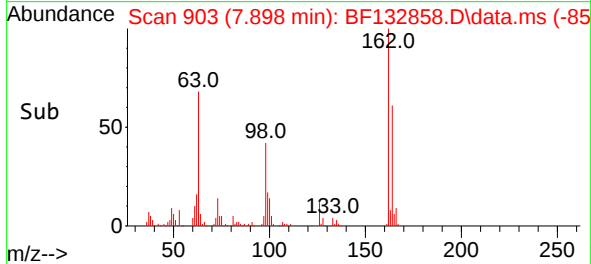
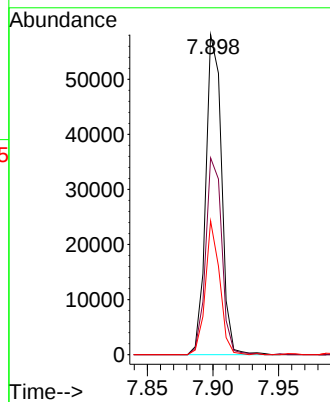
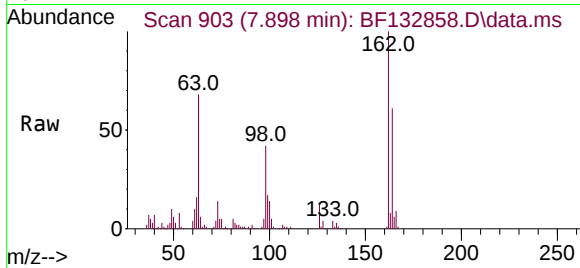
Tgt Ion:162	Resp:	48502
Ion Ratio	Lower	Upper
162	100	
164	61.5	43.5 83.5
98	41.8	18.0 58.0

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 04/12/2023

Supervised By :Jagrut Upadhyay 04/12/2023



#30

1,2,4-Trichlorobenzene

Concen: 4.375 ng

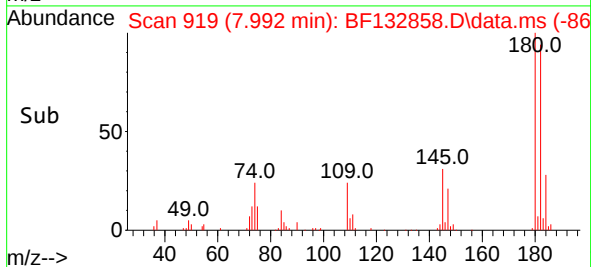
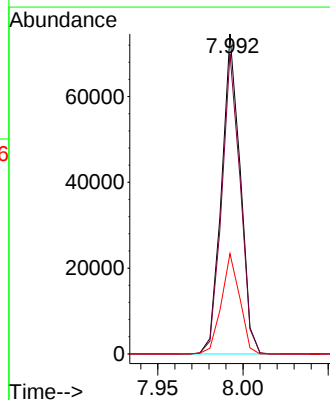
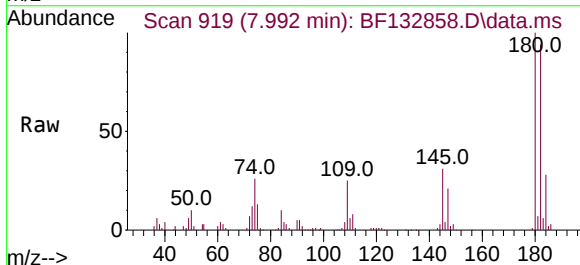
RT: 7.992 min Scan# 919

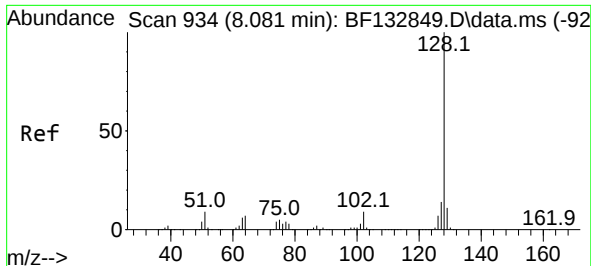
Delta R.T. -0.006 min

Lab File: BF132858.D

Acq: 11 Apr 2023 19:47

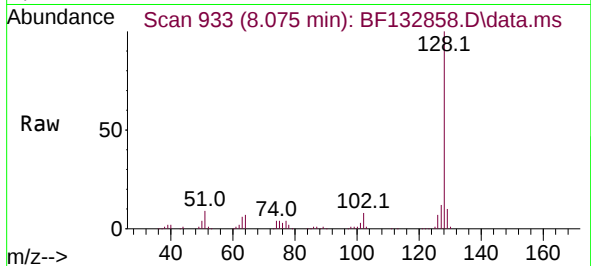
Tgt Ion:180	Resp:	56570
Ion Ratio	Lower	Upper
180	100	
182	93.9	75.5 113.3
145	31.3	24.9 37.3





#31
Naphthalene
Concen: 4.372 ng
RT: 8.075 min Scan# 931
Delta R.T. -0.006 min
Lab File: BF132858.D
Acq: 11 Apr 2023 19:47

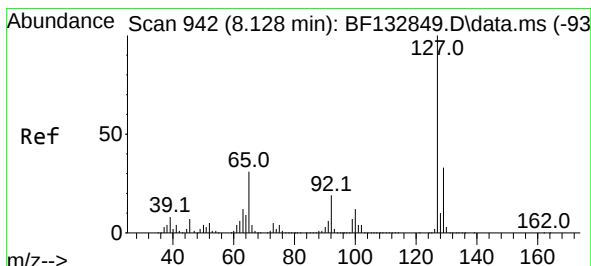
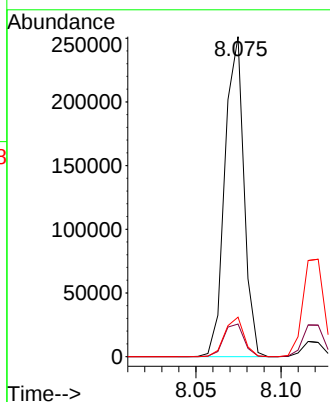
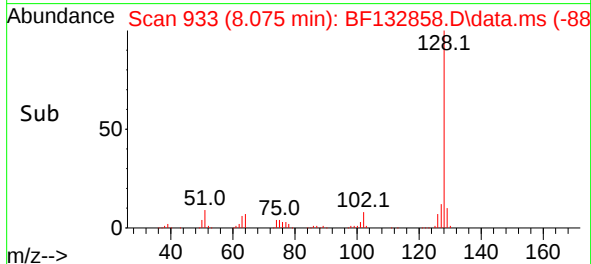
Instrument :
BNA_F
ClientSampleId :
LOD-MDL-WATER-01-QT1-2023



Tgt Ion:128 Resp: 195019
Ion Ratio Lower Upper
128 100
129 10.2 8.9 13.3
127 12.3 10.9 16.3

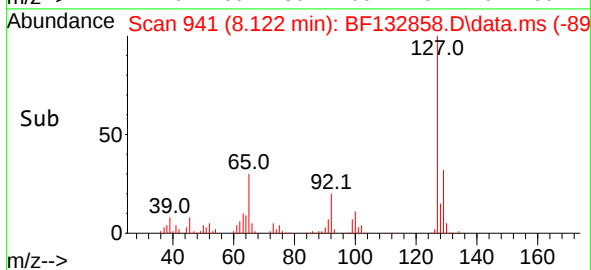
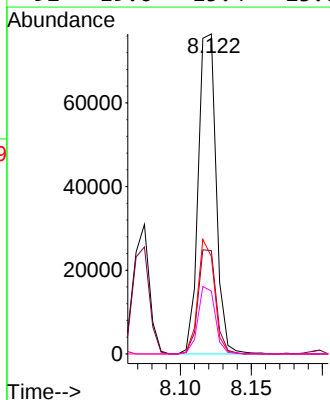
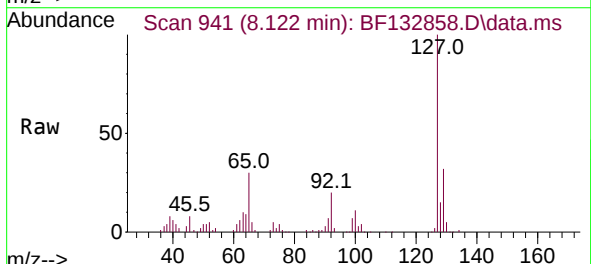
Manual Integrations
APPROVED

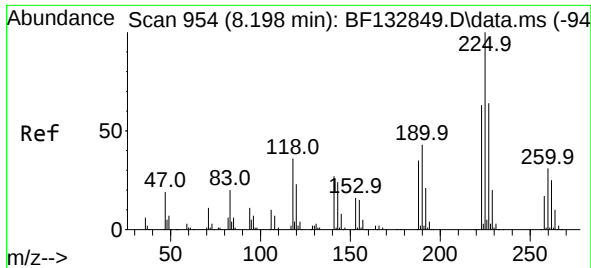
Reviewed By :Christian Giraldo 04/12/2023
Supervised By :Jagrut Upadhyay 04/12/2023



#33
4-Chloroaniline
Concen: 3.770 ng
RT: 8.122 min Scan# 941
Delta R.T. -0.006 min
Lab File: BF132858.D
Acq: 11 Apr 2023 19:47

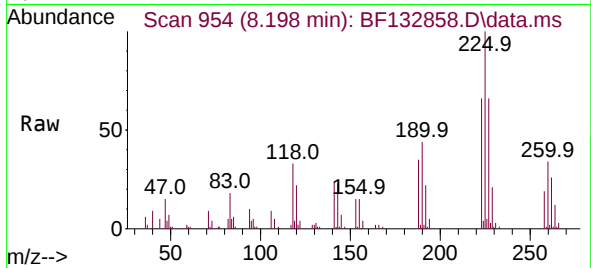
Tgt Ion:127 Resp: 66809
Ion Ratio Lower Upper
127 100
129 32.3 26.5 39.7
65 30.5 24.7 37.1
92 19.6 15.4 23.0





#34
Hexachlorobutadiene
Concen: 4.057 ng
RT: 8.198 min Scan# 91
Delta R.T. 0.000 min
Lab File: BF132858.D
Acq: 11 Apr 2023 19:47

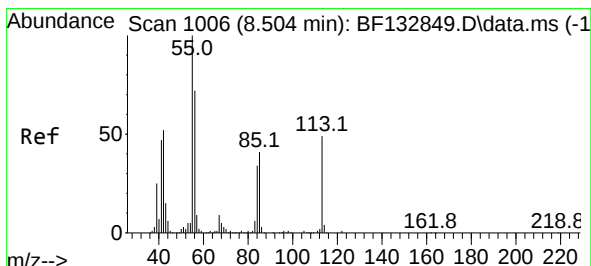
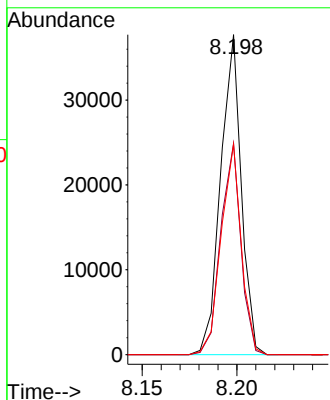
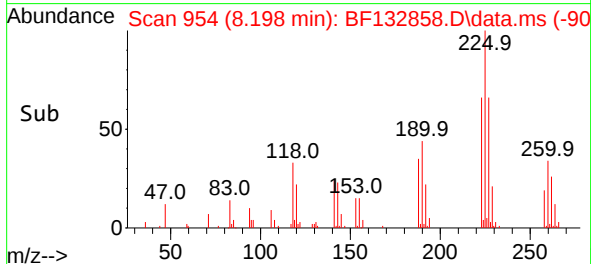
Instrument :
BNA_F
ClientSampleId :
LOD-MDL-WATER-01-QT1-2023



Tgt Ion:225 Resp: 28558
Ion Ratio Lower Upper
225 100
223 66.0 50.1 75.1
227 65.8 51.1 76.7

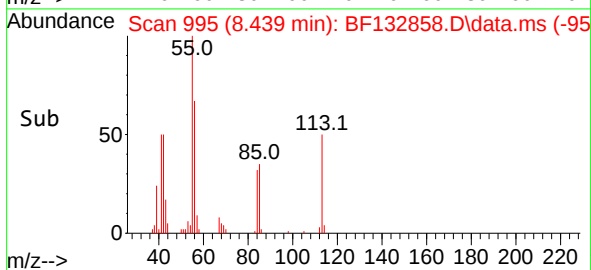
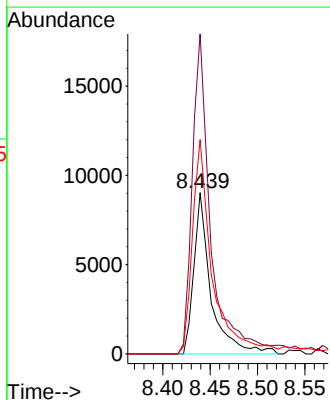
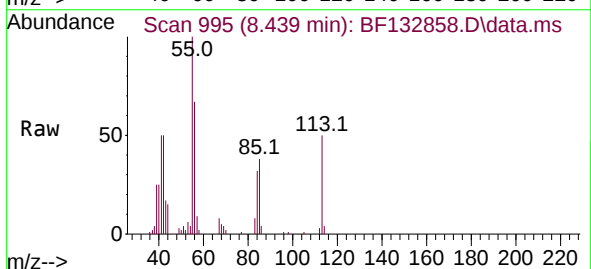
Manual Integrations
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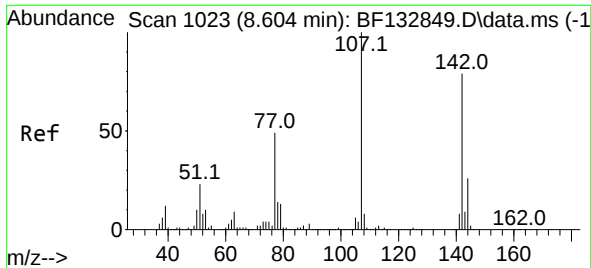
Reviewed By :Christian Giraldo 04/12/2023
Supervised By :Jagrut Upadhyay 04/12/2023



#35
Caprolactam
Concen: 3.644 ng
RT: 8.439 min Scan# 995
Delta R.T. -0.065 min
Lab File: BF132858.D
Acq: 11 Apr 2023 19:47

Tgt Ion:113 Resp: 11326
Ion Ratio Lower Upper
113 100
55 198.5 183.9 223.9
56 132.9 127.6 167.6





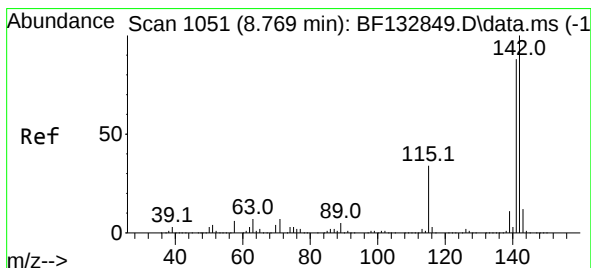
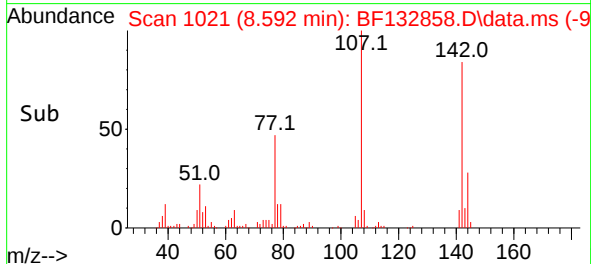
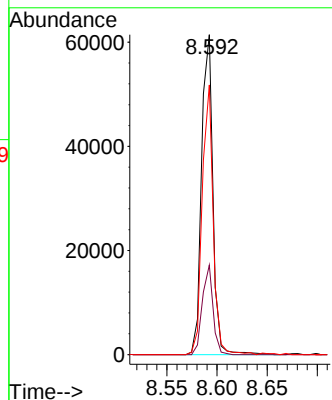
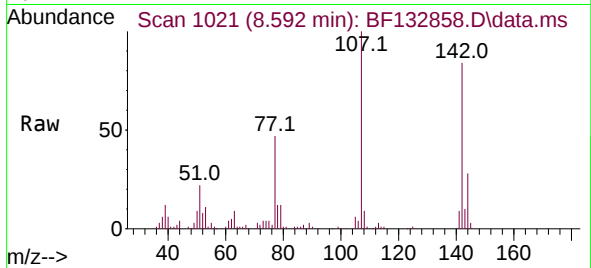
#36
4-Chloro-3-methylphenol
Concen: 3.850 ng
RT: 8.592 min Scan# 1021
Delta R.T. -0.012 min
Lab File: BF132858.D
Acq: 11 Apr 2023 19:47

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

Tgt Ion:107 Resp: 48095
Ion Ratio Lower Upper
107 100
144 28.0 21.0 31.4
142 84.3 62.8 94.2

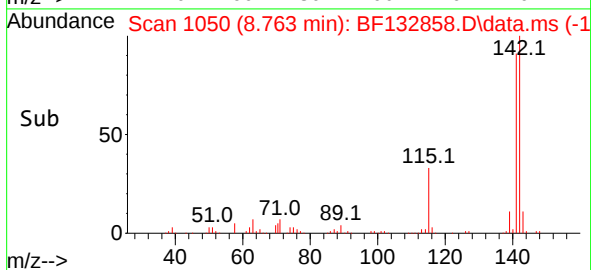
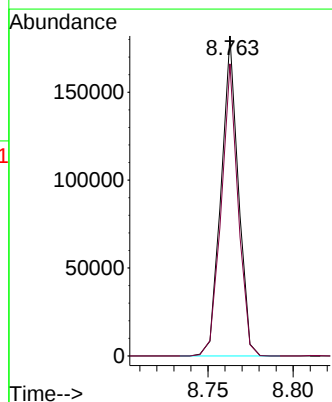
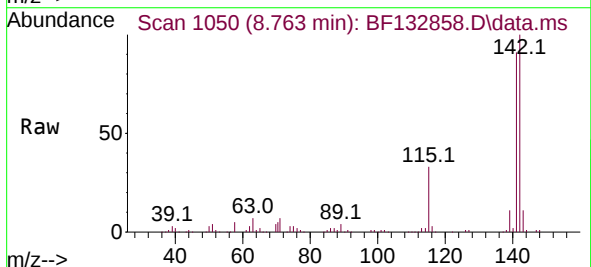
Manual Integrations
APPROVED

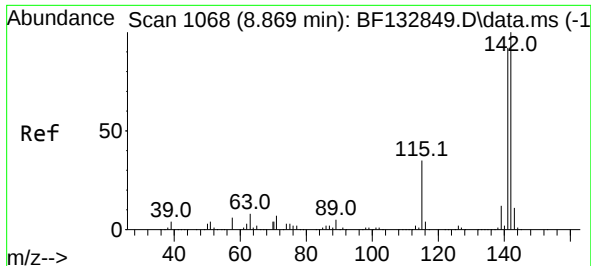
Reviewed By :Christian Giraldo 04/12/2023
Supervised By :Jagrut Upadhyay 04/12/2023



#37
2-Methylnaphthalene
Concen: 4.278 ng
RT: 8.763 min Scan# 1050
Delta R.T. -0.006 min
Lab File: BF132858.D
Acq: 11 Apr 2023 19:47

Tgt Ion:142 Resp: 127626
Ion Ratio Lower Upper
142 100
141 91.3 70.7 106.1





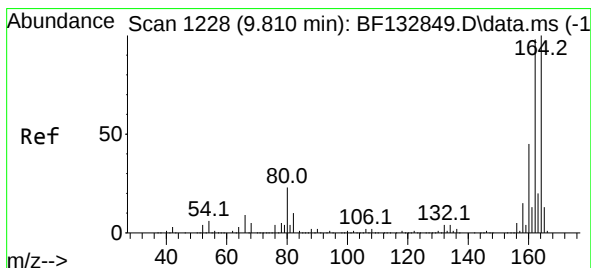
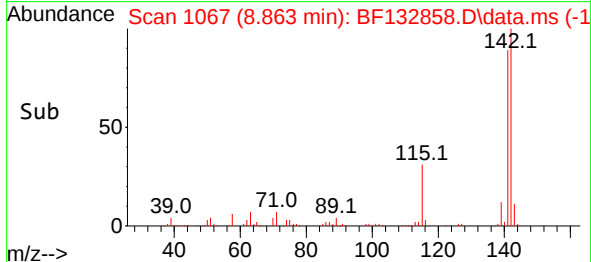
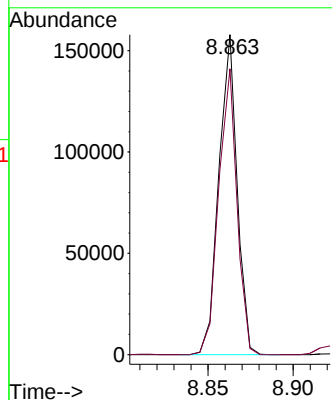
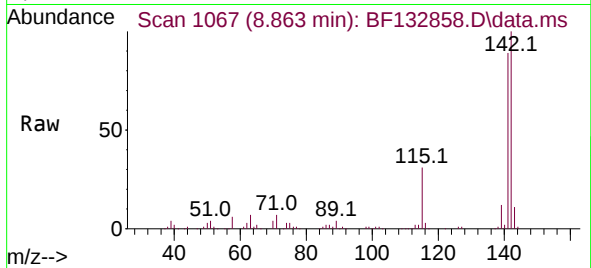
#38
1-Methylnaphthalene
Concen: 4.217 ng
RT: 8.863 min Scan# 1068
Delta R.T. -0.006 min
Lab File: BF132858.D
Acq: 11 Apr 2023 19:47

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

Tgt Ion:142 Resp: 11735
Ion Ratio Lower Upper
142 100
141 89.3 73.8 110.8

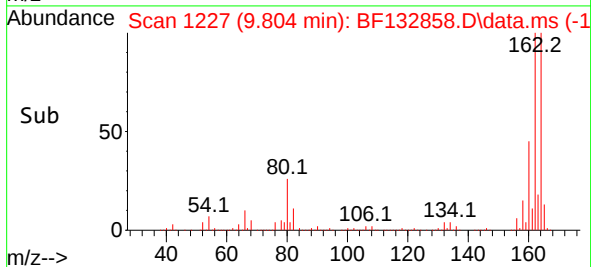
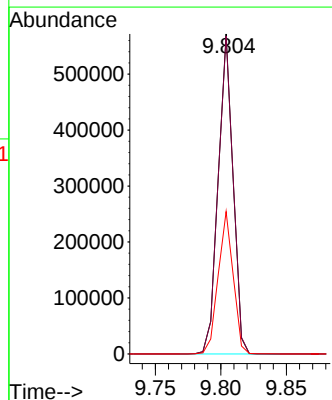
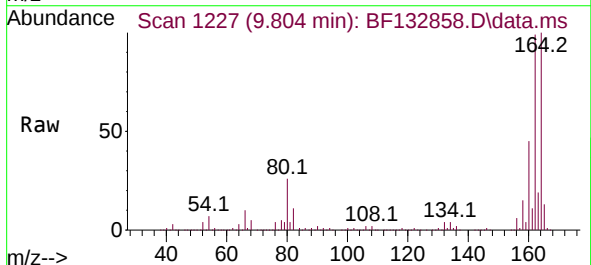
Manual Integrations
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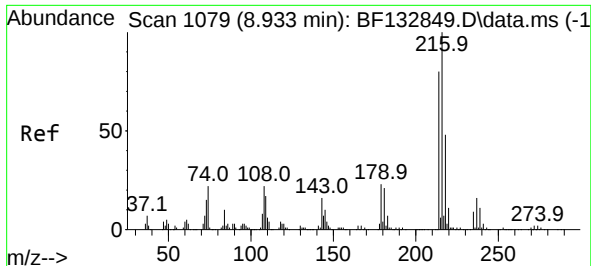
Reviewed By :Christian Giraldo 04/12/2023
Supervised By :Jagrut Upadhyay 04/12/2023



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.804 min Scan# 1227
Delta R.T. -0.006 min
Lab File: BF132858.D
Acq: 11 Apr 2023 19:47

Tgt Ion:164 Resp: 450067
Ion Ratio Lower Upper
164 100
162 99.3 78.1 117.1
160 44.5 35.7 53.5





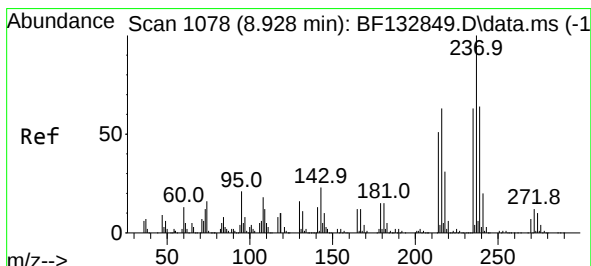
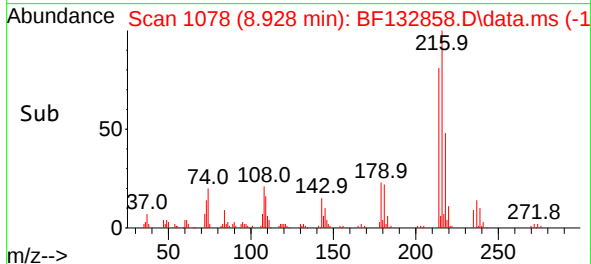
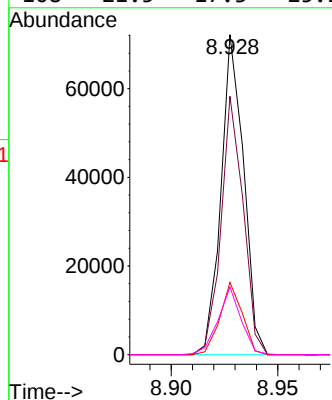
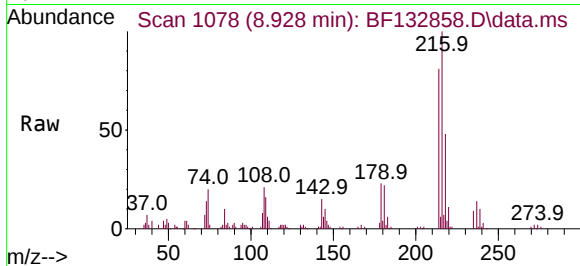
#40
1,2,4,5-Tetrachlorobenzene
Concen: 4.243 ng
RT: 8.928 min Scan# 1078
Delta R.T. -0.006 min
Lab File: BF132858.D
Acq: 11 Apr 2023 19:47

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

Tgt Ion:216 Resp: 53314
Ion Ratio Lower Upper
216 100
214 78.8 63.4 95.0
179 22.2 17.7 26.5
108 21.5 17.3 25.9

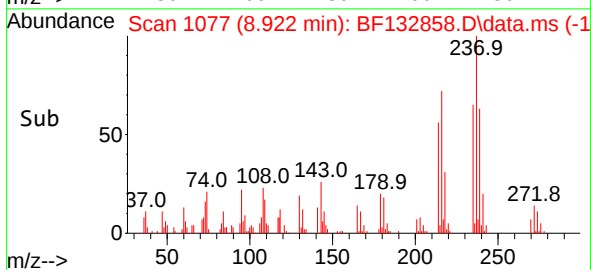
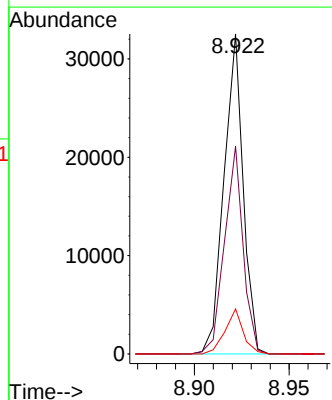
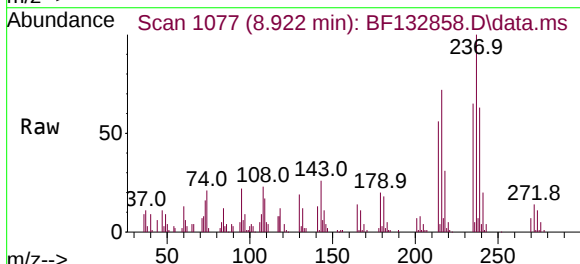
Manual Integrations
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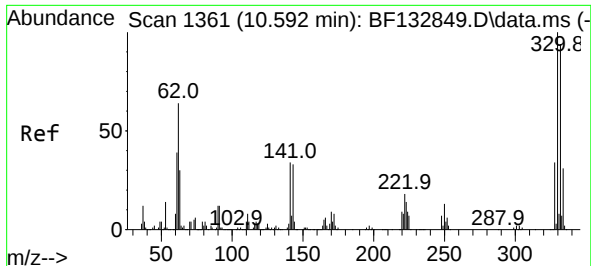
Reviewed By :Christian Giraldo 04/12/2023
Supervised By :Jagrut Upadhyay 04/12/2023



#41
Hexachlorocyclopentadiene
Concen: 3.384 ng
RT: 8.922 min Scan# 1077
Delta R.T. -0.006 min
Lab File: BF132858.D
Acq: 11 Apr 2023 19:47

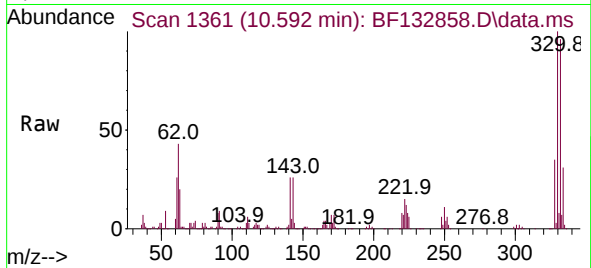
Tgt Ion:237 Resp: 22888
Ion Ratio Lower Upper
237 100
235 64.9 43.4 83.4
272 14.1 0.0 32.4





#42
2,4,6-Tribromophenol
Concen: 118.666 ng
RT: 10.592 min Scan# 1361
Delta R.T. 0.000 min
Lab File: BF132858.D
Acq: 11 Apr 2023 19:47

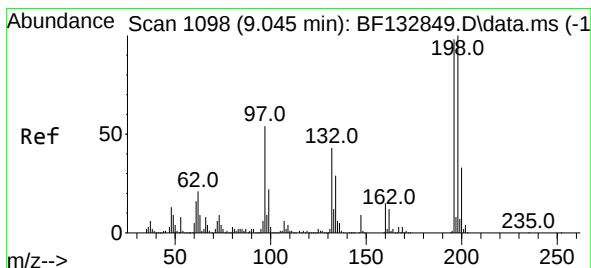
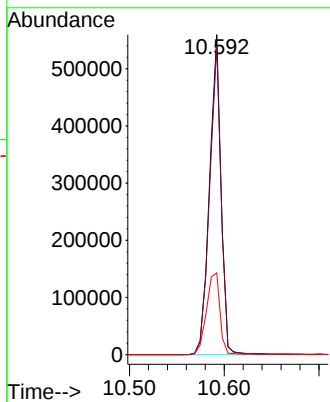
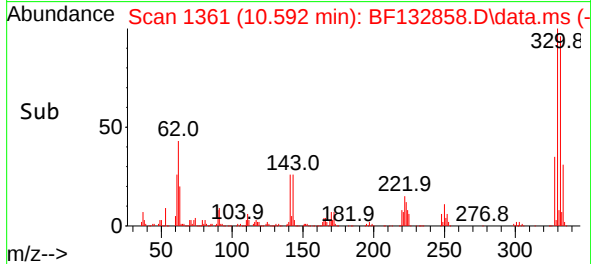
Instrument :
BNA_F
ClientSampleId :
LOD-MDL-WATER-01-QT1-2023



Tgt Ion: 330 Resp: 474648
Ion Ratio Lower Upper
330 100
332 96.9 76.1 114.1
141 30.0 25.9 38.9

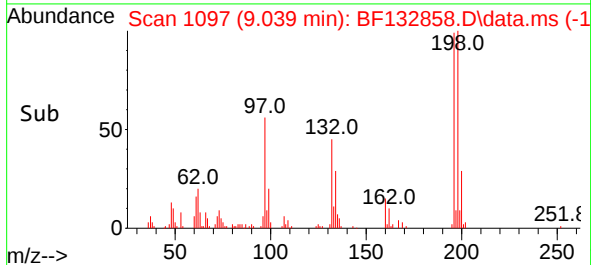
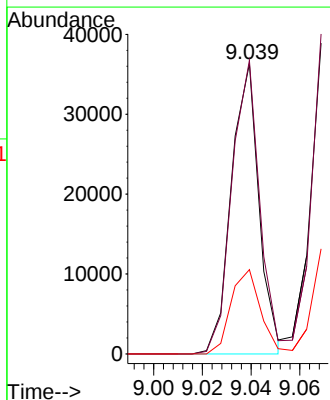
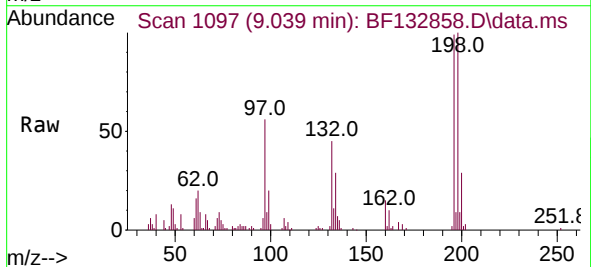
Manual Integrations
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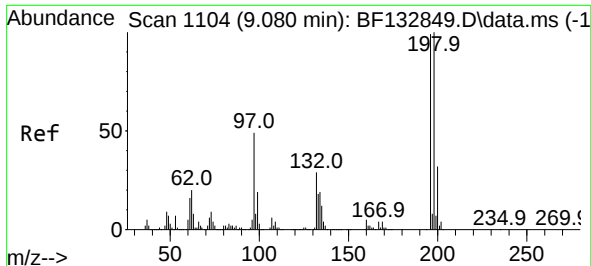
Reviewed By : Christian Giraldo 04/12/2023
Supervised By : Jagrut Upadhyay 04/12/2023



#43
2,4,6-Trichlorophenol
Concen: 3.713 ng
RT: 9.039 min Scan# 1097
Delta R.T. -0.006 min
Lab File: BF132858.D
Acq: 11 Apr 2023 19:47

Tgt Ion: 196 Resp: 28658
Ion Ratio Lower Upper
196 100
198 101.2 81.4 122.0
200 29.0 26.7 40.1





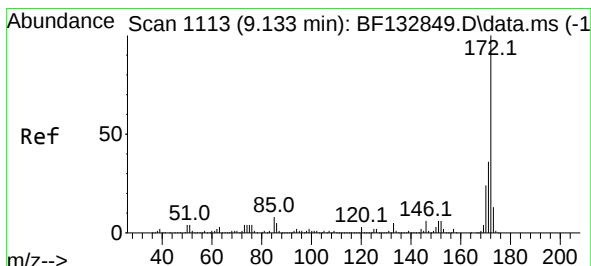
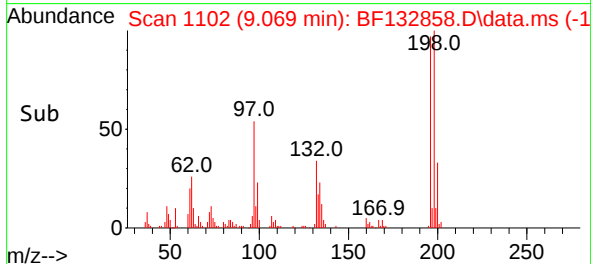
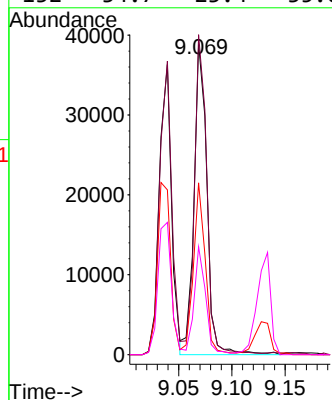
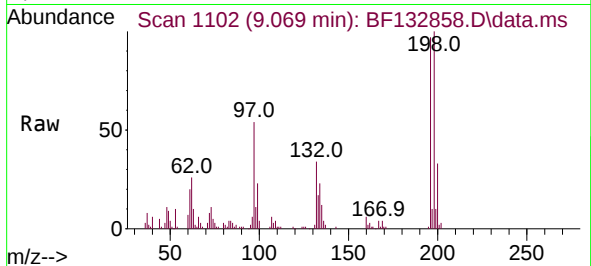
#44
2,4,5-Trichlorophenol
Concen: 3.594 ng
RT: 9.069 min Scan# 1104
Delta R.T. -0.012 min
Lab File: BF132858.D
Acq: 11 Apr 2023 19:47

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

Tgt Ion:196 Resp: 32761
Ion Ratio Lower Upper
196 100
198 103.0 80.6 121.0
97 55.2 39.4 59.2
132 34.7 23.4 35.0

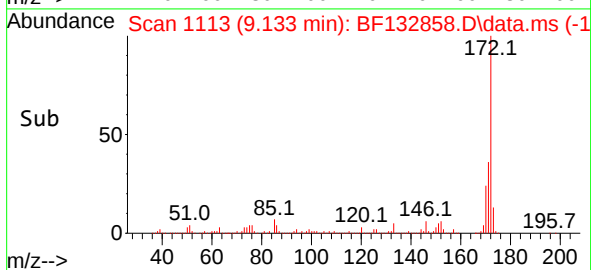
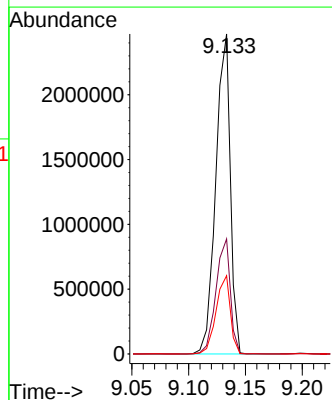
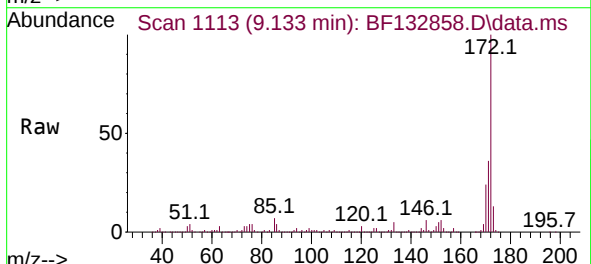
Manual Integrations
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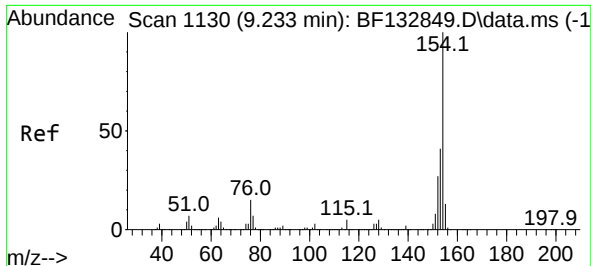
Reviewed By :Christian Giraldo 04/12/2023
Supervised By :Jagrut Upadhyay 04/12/2023



#45
2-Fluorobiphenyl
Concen: 77.129 ng
RT: 9.133 min Scan# 1113
Delta R.T. 0.000 min
Lab File: BF132858.D
Acq: 11 Apr 2023 19:47

Tgt Ion:172 Resp: 2194354
Ion Ratio Lower Upper
172 100
171 35.9 28.6 42.8
170 24.4 19.3 28.9





#46

1,1'-Biphenyl

Concen: 4.499 ng

RT: 9.228 min Scan# 1129

Delta R.T. -0.005 min

Lab File: BF132858.D

Acq: 11 Apr 2023 19:47

Instrument :

BNA_F

ClientSampleId :

LOD-MDL-WATER-01-QT1-2023

Tgt Ion:154 Resp: 16320

Ion Ratio Lower Upper

154 100

153 39.9 20.7 60.7

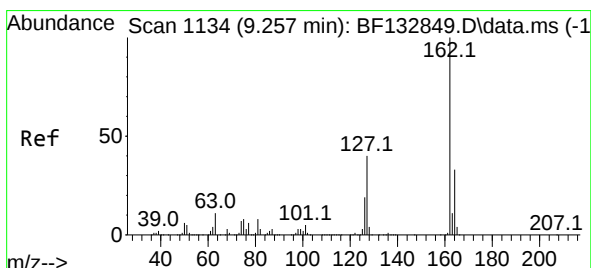
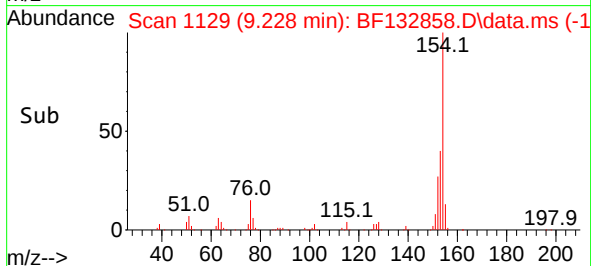
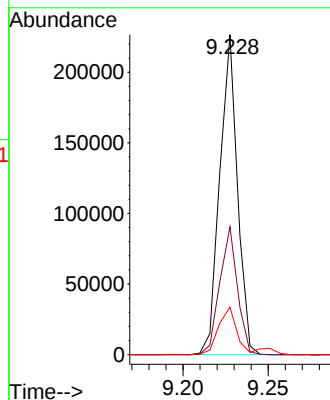
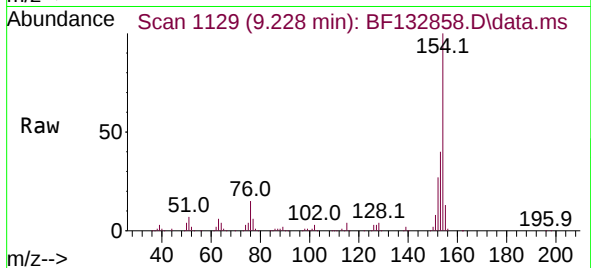
76 14.8 0.0 34.8

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 04/12/2023

Supervised By :Jagrut Upadhyay 04/12/2023



#47

2-Chloronaphthalene

Concen: 4.348 ng

RT: 9.251 min Scan# 1133

Delta R.T. -0.006 min

Lab File: BF132858.D

Acq: 11 Apr 2023 19:47

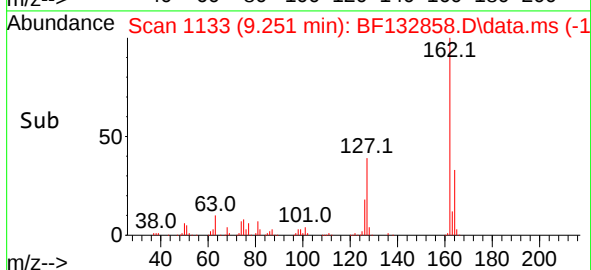
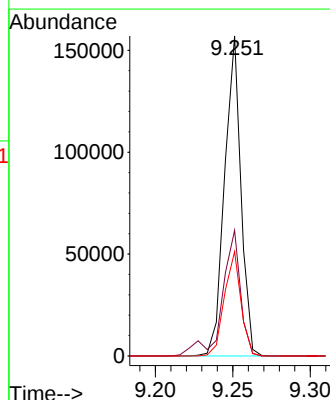
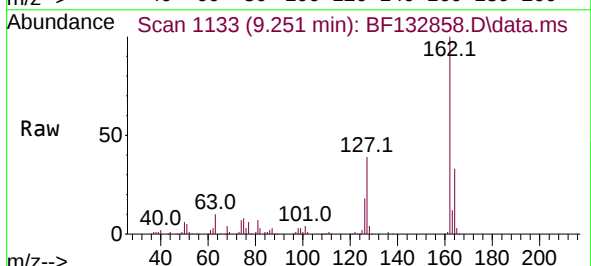
Tgt Ion:162 Resp: 115446

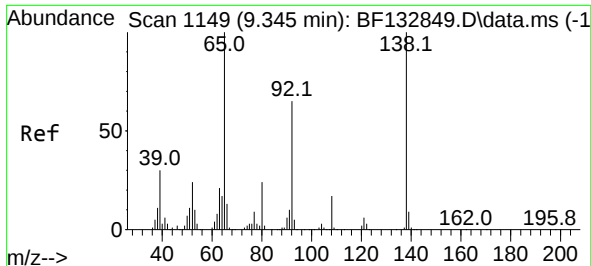
Ion Ratio Lower Upper

162 100

127 39.2 32.1 48.1

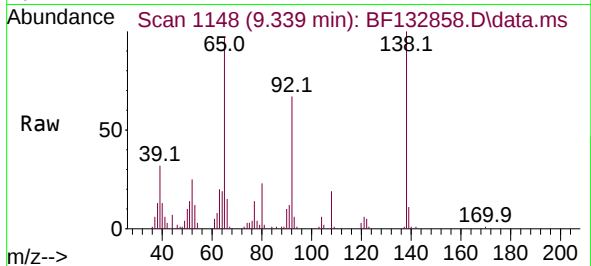
164 32.6 26.6 40.0





#48
2-Nitroaniline
Concen: 2.626 ng
RT: 9.339 min Scan# 1149
Delta R.T. -0.006 min
Lab File: BF132858.D
Acq: 11 Apr 2023 19:47

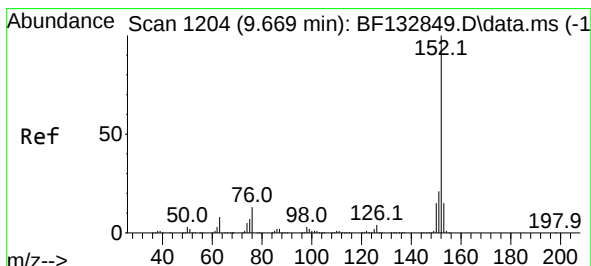
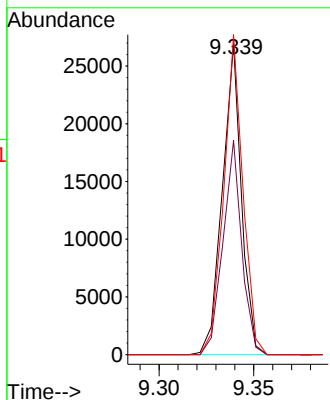
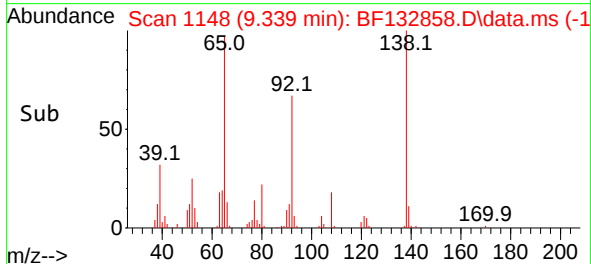
Instrument : BNA_F
ClientSampleId :
LOD-MDL-WATER-01-QT1-2023



Tgt Ion: 65 Resp: 1878
Ion Ratio Lower Upper
65 100
92 68.9 52.2 78.2
138 102.9 80.3 120.5

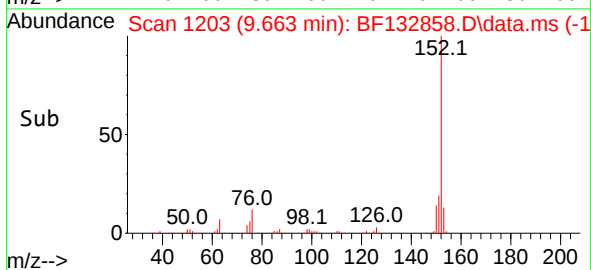
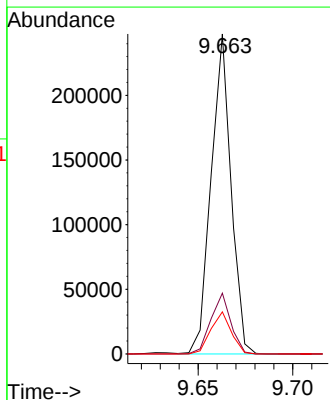
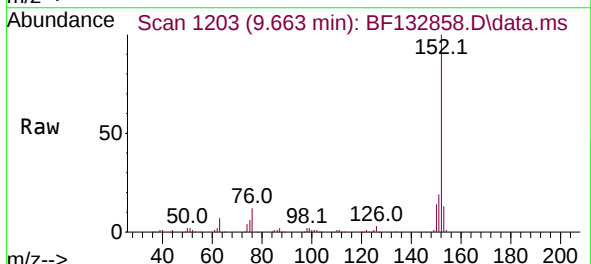
Manual Integrations
APPROVED

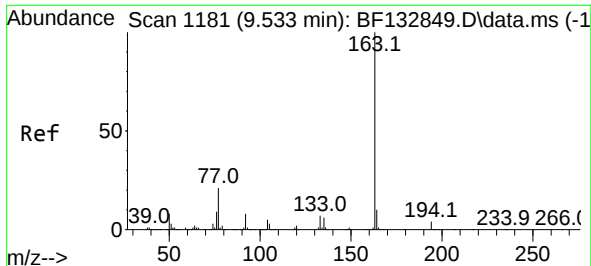
Reviewed By :Christian Giraldo 04/12/2023
Supervised By :Jagrut Upadhyay 04/12/2023



#49
Acenaphthylene
Concen: 4.216 ng
RT: 9.663 min Scan# 1203
Delta R.T. -0.006 min
Lab File: BF132858.D
Acq: 11 Apr 2023 19:47

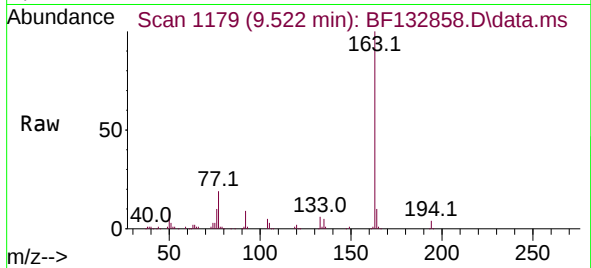
Tgt Ion:152 Resp: 180962
Ion Ratio Lower Upper
152 100
151 19.0 16.6 25.0
153 13.1 11.7 17.5





#50
Dimethylphthalate
Concen: 4.122 ng
RT: 9.522 min Scan# 1179
Delta R.T. -0.012 min
Lab File: BF132858.D
Acq: 11 Apr 2023 19:47

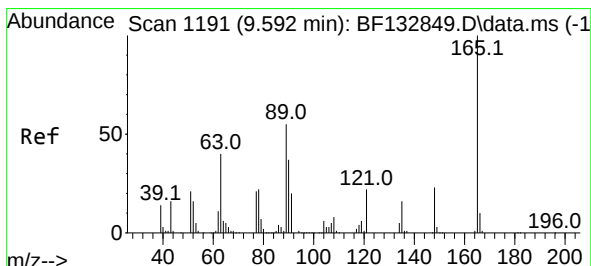
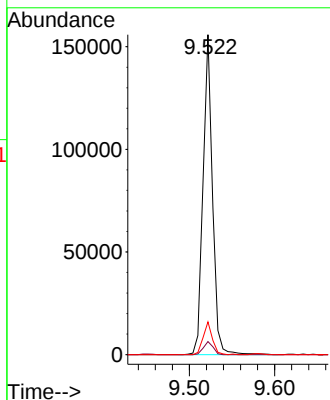
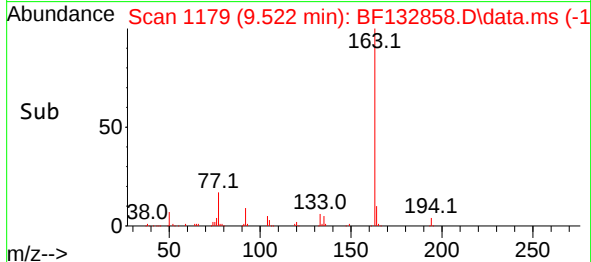
Instrument : BNA_F
ClientSampleId : LOD-MDL-WATER-01-QT1-2023



Tgt Ion:163 Resp: 119805
Ion Ratio Lower Upper
163 100
194 4.1 3.3 4.9
164 10.2 8.3 12.5

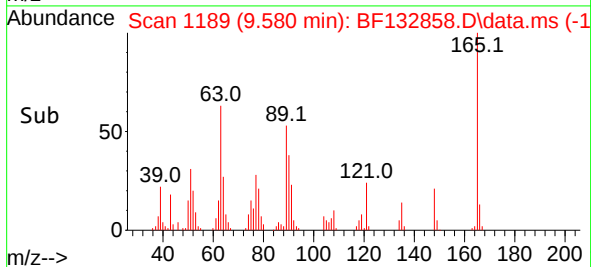
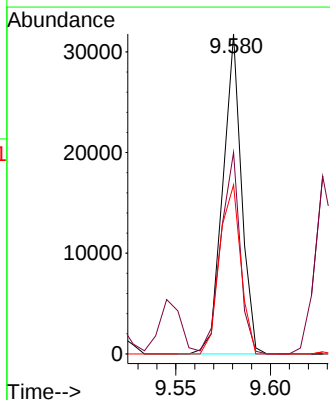
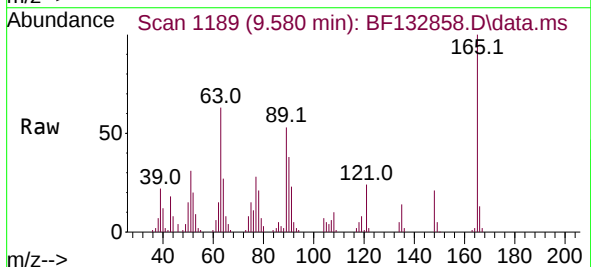
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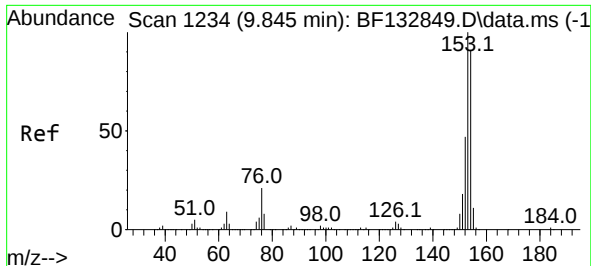
Reviewed By :Christian Giraldo 04/12/2023
Supervised By :Jagrut Upadhyay 04/12/2023



#51
2,6-Dinitrotoluene
Concen: 3.288 ng
RT: 9.580 min Scan# 1189
Delta R.T. -0.012 min
Lab File: BF132858.D
Acq: 11 Apr 2023 19:47

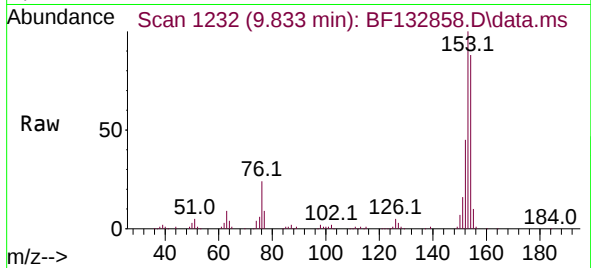
Tgt Ion:165 Resp: 21797
Ion Ratio Lower Upper
165 100
63 63.0 46.7 70.1
89 52.8 44.1 66.1





#52
Acenaphthene
Concen: 4.181 ng
RT: 9.833 min Scan# 115319
Delta R.T. -0.012 min
Lab File: BF132858.D
Acq: 11 Apr 2023 19:47

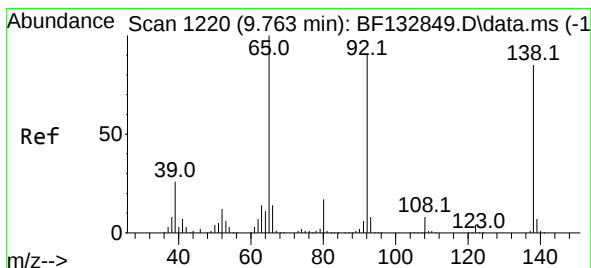
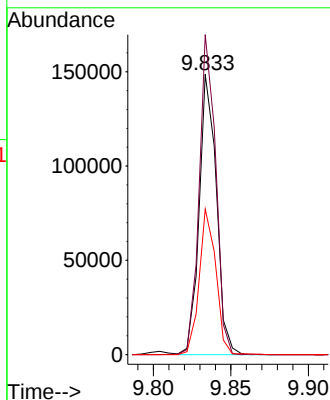
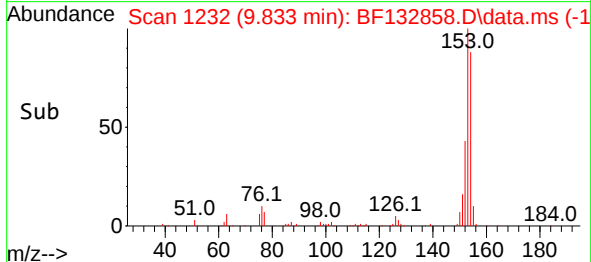
Instrument : BNA_F
ClientSampleId : LOD-MDL-WATER-01-QT1-2023



Tgt Ion:154 Resp: 115319
Ion Ratio Lower Upper
154 100
153 114.2 88.2 132.2
152 51.9 41.6 62.4

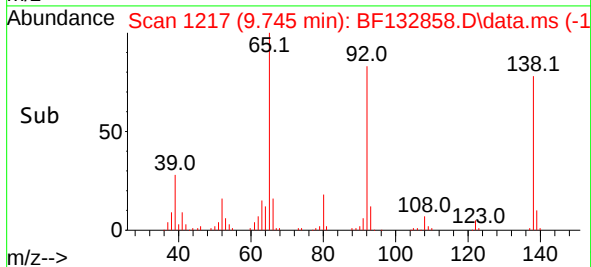
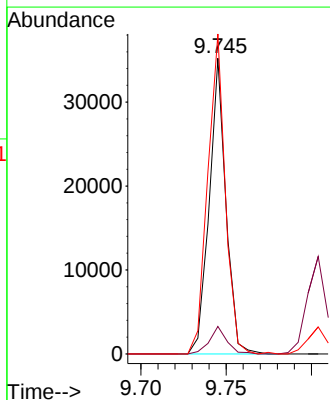
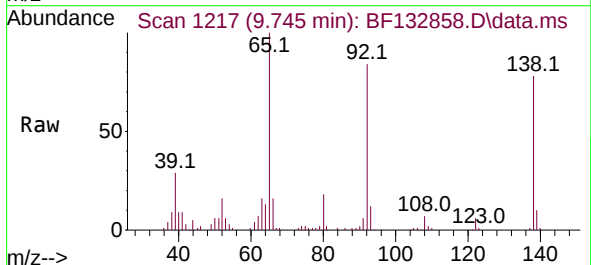
Manual Integrations
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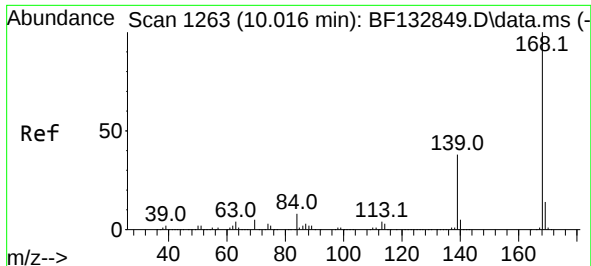
Reviewed By :Christian Giraldo 04/12/2023
Supervised By :Jagrut Upadhyay 04/12/2023



#53
3-Nitroaniline
Concen: 3.130 ng
RT: 9.745 min Scan# 1217
Delta R.T. -0.018 min
Lab File: BF132858.D
Acq: 11 Apr 2023 19:47

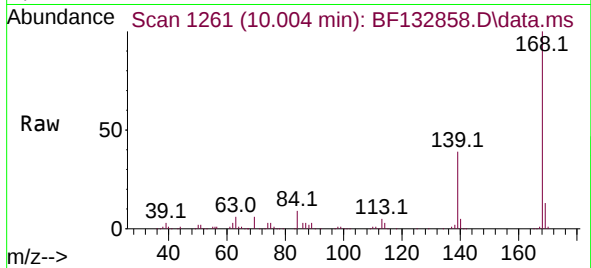
Tgt Ion:138 Resp: 24008
Ion Ratio Lower Upper
138 100
108 9.3 7.2 10.8
92 108.2 85.4 128.2





#55
Dibenzofuran
Concen: 4.295 ng
RT: 10.004 min Scan# 1261
Delta R.T. -0.012 min
Lab File: BF132858.D
Acq: 11 Apr 2023 19:47

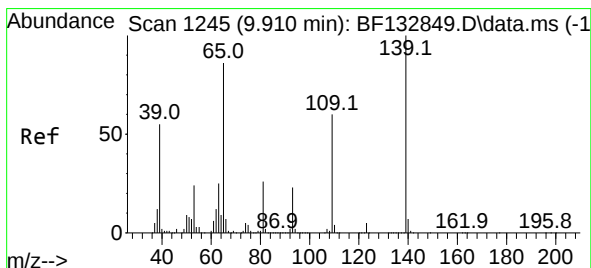
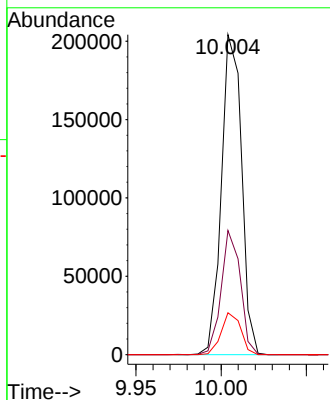
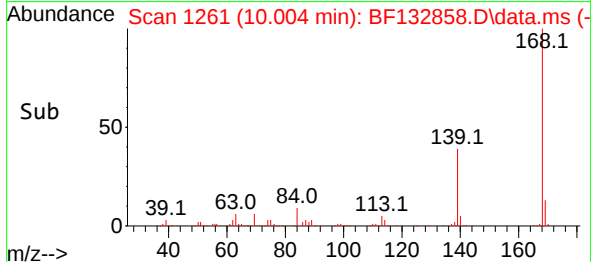
Instrument : BNA_F
ClientSampleId : LOD-MDL-WATER-01-QT1-2023



Tgt Ion:168 Resp: 167940
Ion Ratio Lower Upper
168 100
139 38.8 30.1 45.1
169 13.1 10.8 16.2

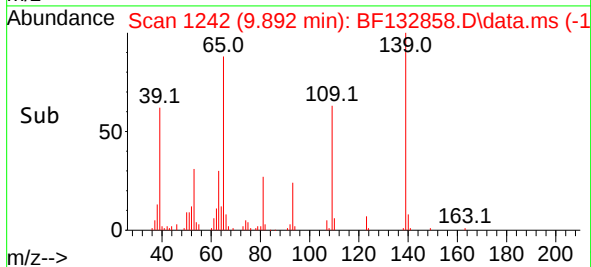
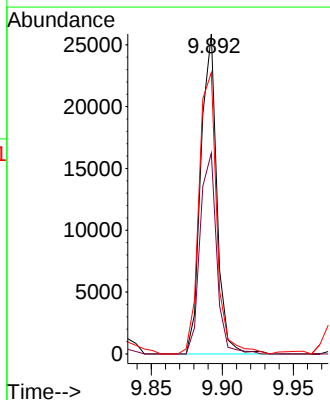
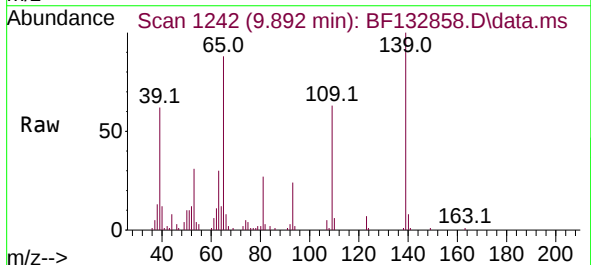
Manual Integrations
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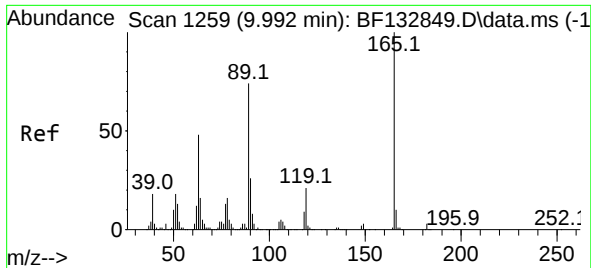
Reviewed By :Christian Giraldo 04/12/2023
Supervised By :Jagrut Upadhyay 04/12/2023



#56
4-Nitrophenol
Concen: 3.347 ng
RT: 9.892 min Scan# 1242
Delta R.T. -0.018 min
Lab File: BF132858.D
Acq: 11 Apr 2023 19:47

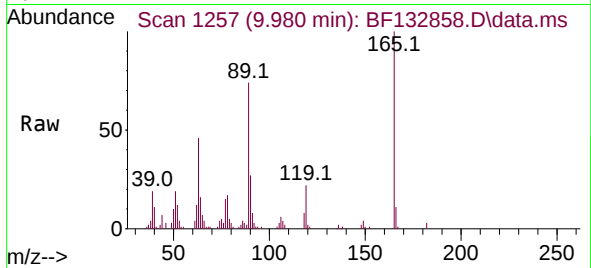
Tgt Ion:139 Resp: 20233
Ion Ratio Lower Upper
139 100
109 62.7 39.7 79.7
65 87.9 66.3 106.3





#57
2,4-Dinitrotoluene
Concen: 2.852 ng
RT: 9.980 min Scan# 1319
Delta R.T. -0.012 min
Lab File: BF132858.D
Acq: 11 Apr 2023 19:47

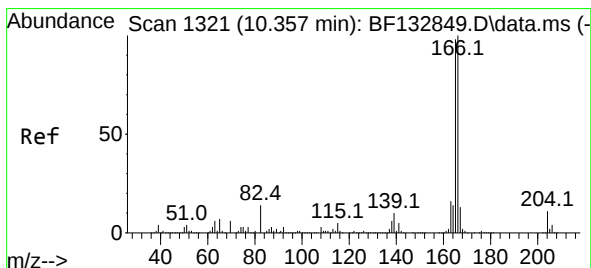
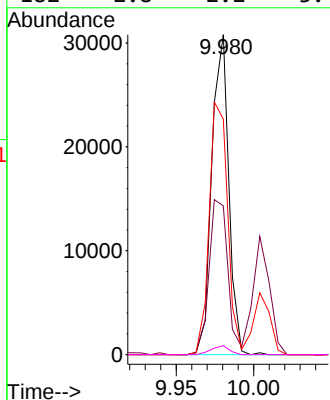
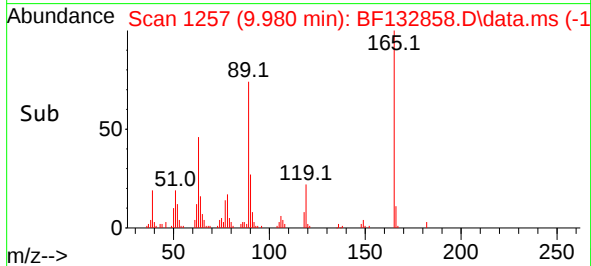
Instrument :
BNA_F
ClientSampleId :
LOD-MDL-WATER-01-QT1-2023



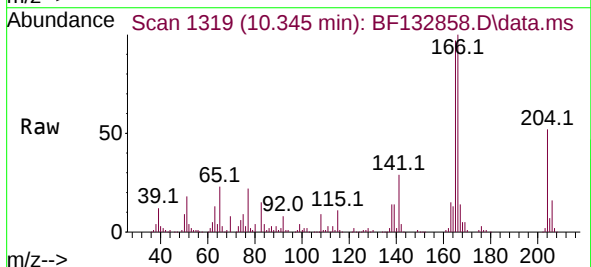
Tgt Ion:165 Resp: 23493
Ion Ratio Lower Upper
165 100
63 46.5 38.1 57.1
89 73.6 59.2 88.8
182 2.8 2.2 3.4

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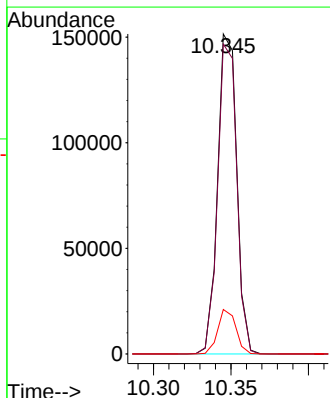
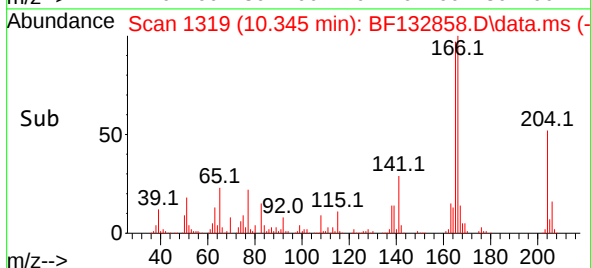
Reviewed By :Christian Giraldo 04/12/2023
Supervised By :Jagrut Upadhyay 04/12/2023

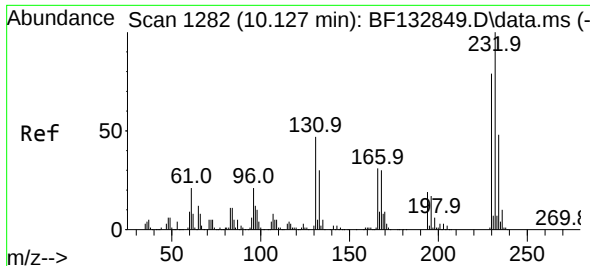


#58
Fluorene
Concen: 4.516 ng
RT: 10.345 min Scan# 1319
Delta R.T. -0.012 min
Lab File: BF132858.D
Acq: 11 Apr 2023 19:47



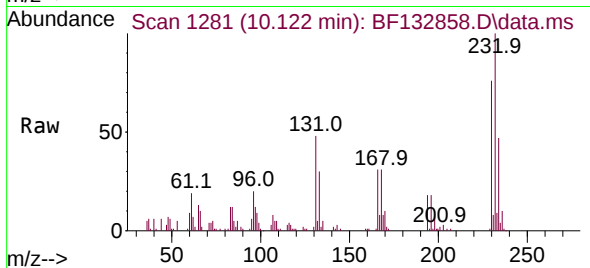
Tgt Ion:166 Resp: 130225
Ion Ratio Lower Upper
166 100
165 96.8 78.0 117.0
167 13.9 10.5 15.7





#59
2,3,4,6-Tetrachlorophenol
Concen: 3.730 ng
RT: 10.122 min Scan# 1282
Delta R.T. -0.006 min
Lab File: BF132858.D
Acq: 11 Apr 2023 19:47

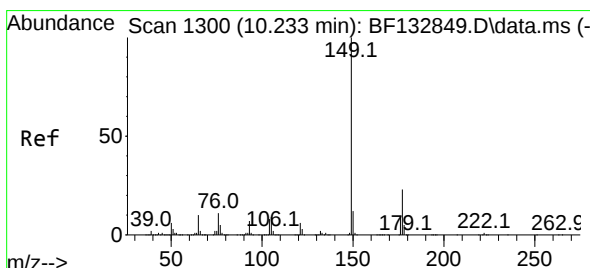
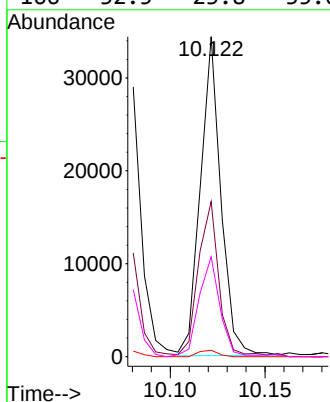
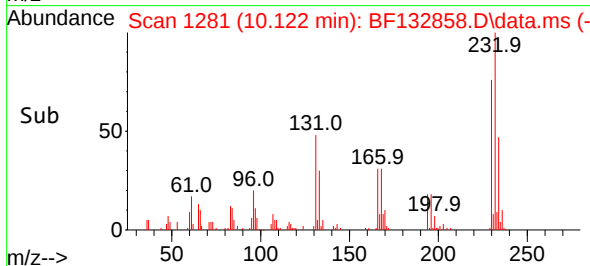
Instrument :
BNA_F
ClientSampleId :
LOD-MDL-WATER-01-QT1-2023



Tgt Ion:232 Resp: 25893
Ion Ratio Lower Upper
232 100
131 49.2 37.8 56.8
130 1.9 1.8 2.8
166 32.5 23.8 35.6

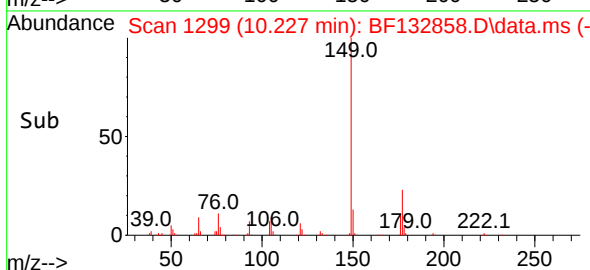
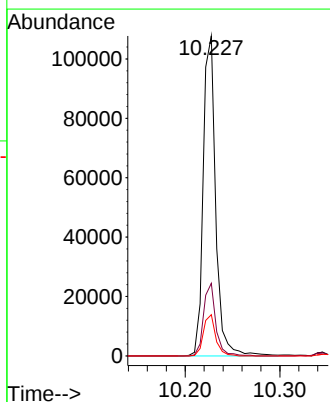
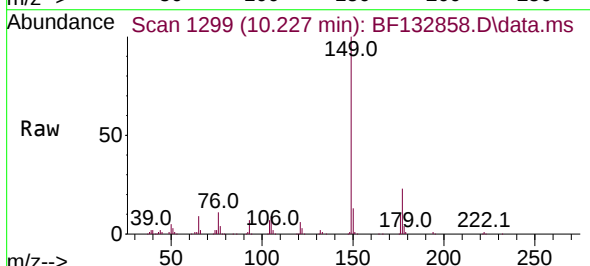
Manual Integrations
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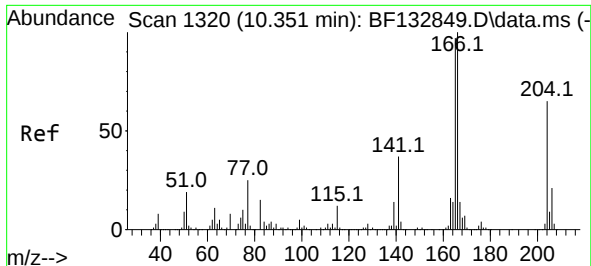
Reviewed By :Christian Giraldo 04/12/2023
Supervised By :Jagrut Upadhyay 04/12/2023



#60
Diethylphthalate
Concen: 4.009 ng
RT: 10.227 min Scan# 1299
Delta R.T. -0.006 min
Lab File: BF132858.D
Acq: 11 Apr 2023 19:47

Tgt Ion:149 Resp: 99037
Ion Ratio Lower Upper
149 100
177 22.7 18.5 27.7
150 12.9 9.9 14.9





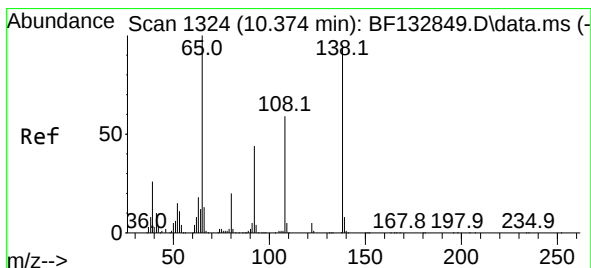
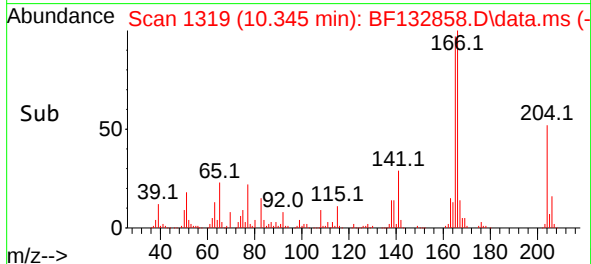
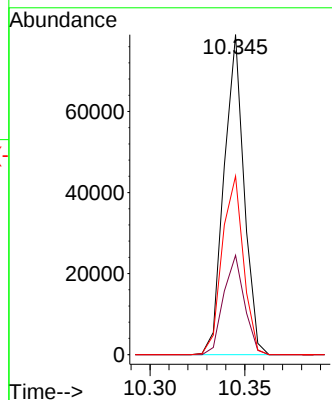
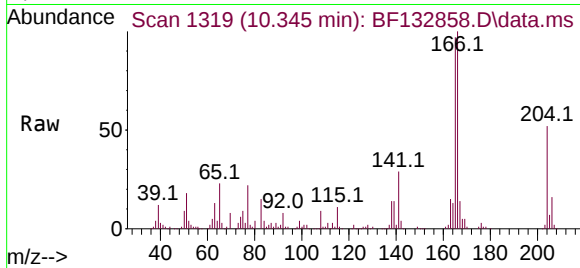
#61
4-Chlorophenyl-phenylether
Concen: 4.231 ng
RT: 10.345 min Scan# 1319
Delta R.T. -0.006 min
Lab File: BF132858.D
Acq: 11 Apr 2023 19:47

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

Tgt Ion:204 Resp: 5804
Ion Ratio Lower Upper
204 100
206 31.0 26.1 39.1
141 55.8 45.3 67.9

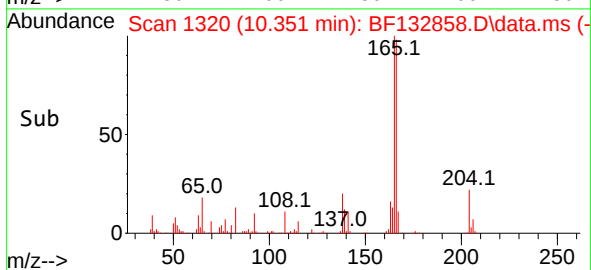
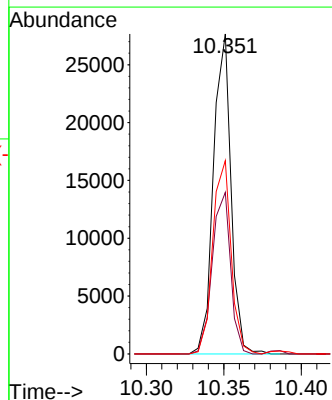
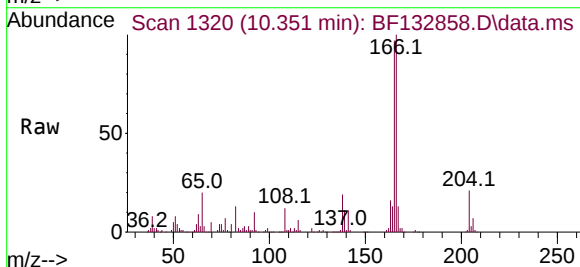
Manual Integrations
APPROVED

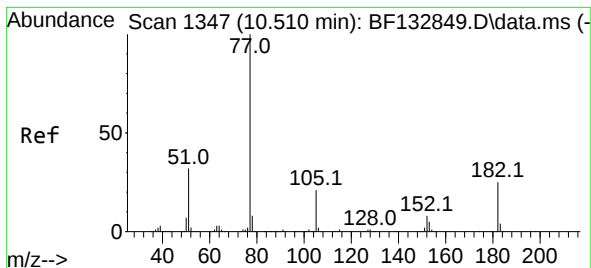
Reviewed By :Christian Giraldo 04/12/2023
Supervised By :Jagrut Upadhyay 04/12/2023



#62
4-Nitroaniline
Concen: 2.979 ng
RT: 10.351 min Scan# 1320
Delta R.T. -0.023 min
Lab File: BF132858.D
Acq: 11 Apr 2023 19:47

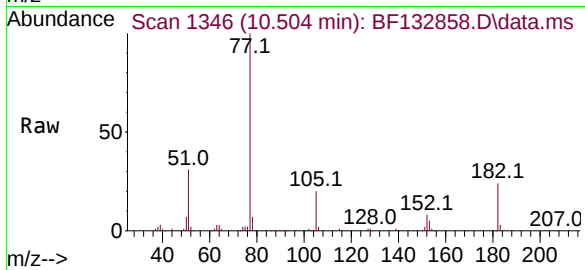
Tgt Ion:138 Resp: 21825
Ion Ratio Lower Upper
138 100
92 50.5 26.7 66.7
108 60.4 42.0 82.0





#63
Azobenzene
Concen: 3.956 ng
RT: 10.504 min Scan# 1346
Delta R.T. -0.006 min
Lab File: BF132858.D
Acq: 11 Apr 2023 19:47

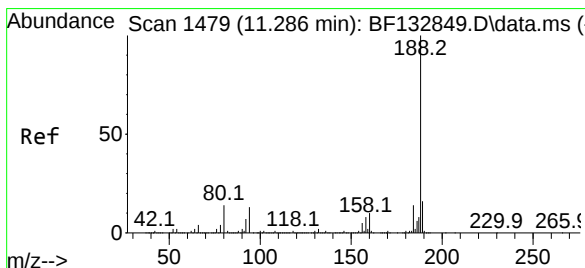
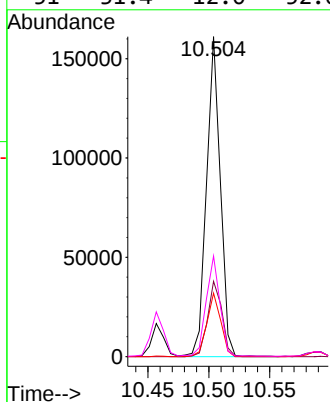
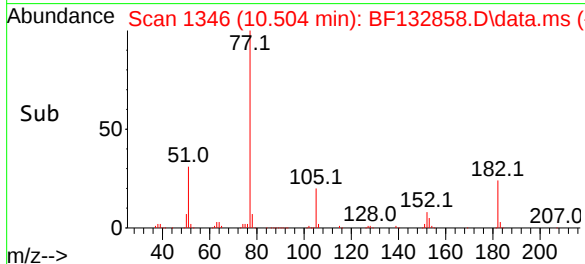
Instrument : BNA_F
ClientSampleId :
LOD-MDL-WATER-01-QT1-2023



Tgt Ion: 77 Resp: 127289
Ion Ratio Lower Upper
77 100
182 23.5 5.1 45.1
105 19.8 0.9 40.9
51 31.4 12.0 52.0

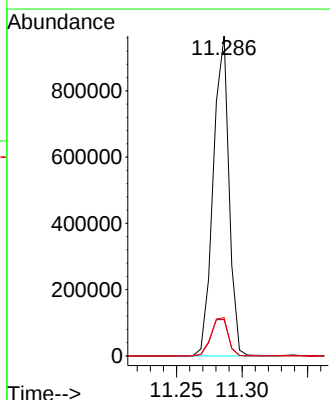
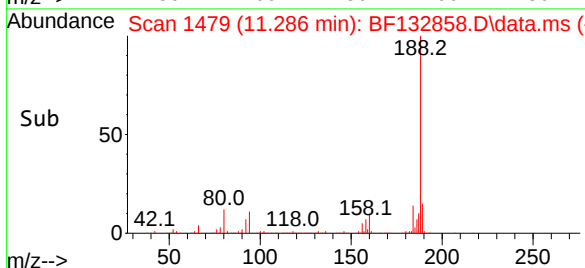
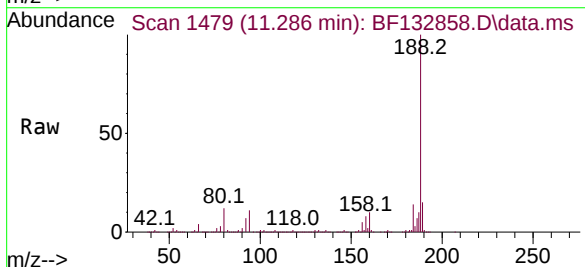
Manual Integrations
APPROVED

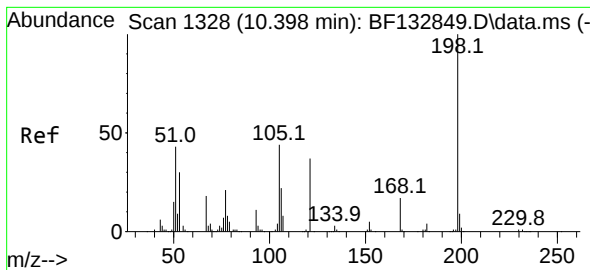
Reviewed By :Christian Giraldo 04/12/2023
Supervised By :Jagrut Upadhyay 04/12/2023



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.286 min Scan# 1479
Delta R.T. 0.000 min
Lab File: BF132858.D
Acq: 11 Apr 2023 19:47

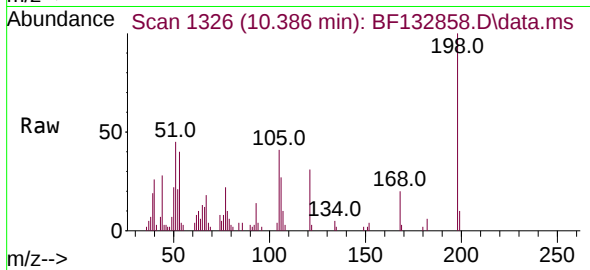
Tgt Ion:188 Resp: 807436
Ion Ratio Lower Upper
188 100
94 11.3 10.8 16.2
80 11.9 10.9 16.3





#65
4,6-Dinitro-2-methylphenol
Concen: 2.033 ng
RT: 10.386 min Scan# 1326
Delta R.T. -0.012 min
Lab File: BF132858.D
Acq: 11 Apr 2023 19:47

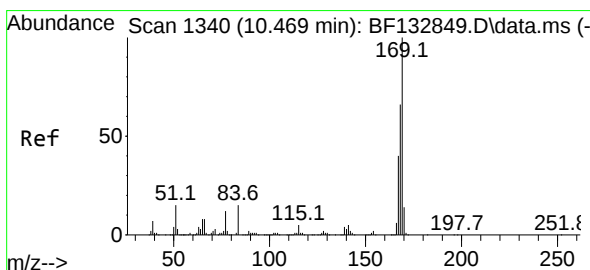
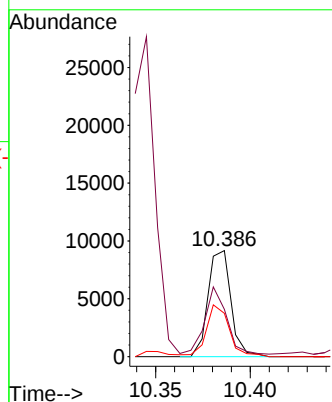
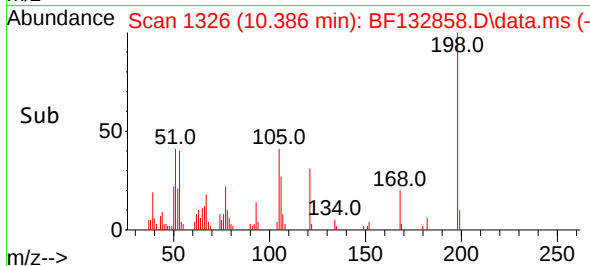
Instrument : BNA_F
ClientSampleId :
LOD-MDL-WATER-01-QT1-2023



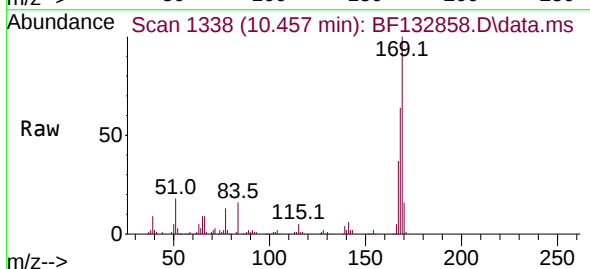
Tgt Ion:198 Resp: 7706
Ion Ratio Lower Upper
198 100
51 44.7 31.8 71.8
105 40.9 24.4 64.4

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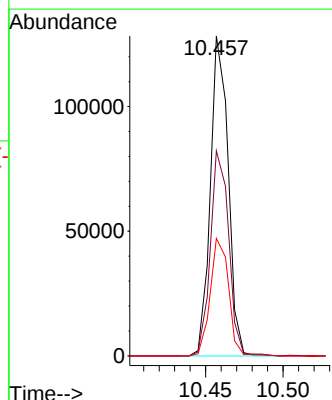
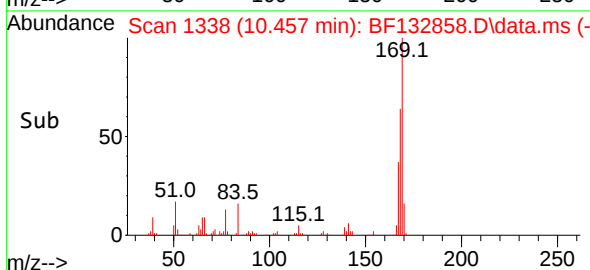
Reviewed By :Christian Giraldo 04/12/2023
Supervised By :Jagrut Upadhyay 04/12/2023

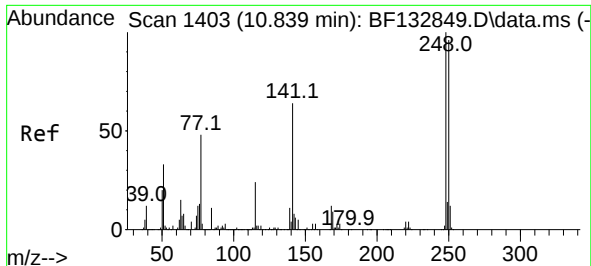


#66
n-Nitrosodiphenylamine
Concen: 4.150 ng
RT: 10.457 min Scan# 1338
Delta R.T. -0.012 min
Lab File: BF132858.D
Acq: 11 Apr 2023 19:47



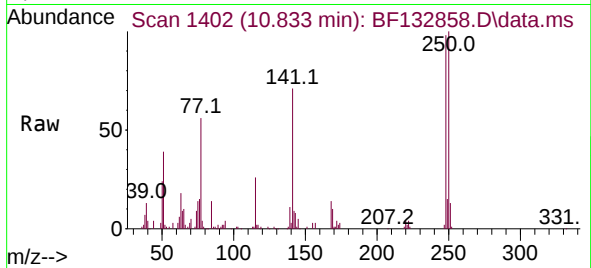
Tgt Ion:169 Resp: 102255
Ion Ratio Lower Upper
169 100
168 64.1 52.9 79.3
167 36.7 31.8 47.6





#67
4-Bromophenyl-phenylether
Concen: 3.809 ng
RT: 10.833 min Scan# 1403
Delta R.T. -0.006 min
Lab File: BF132858.D
Acq: 11 Apr 2023 19:47

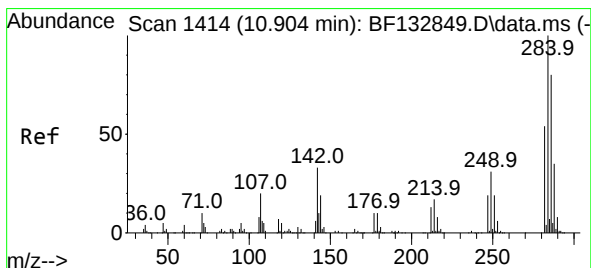
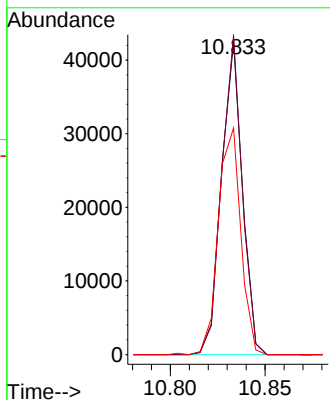
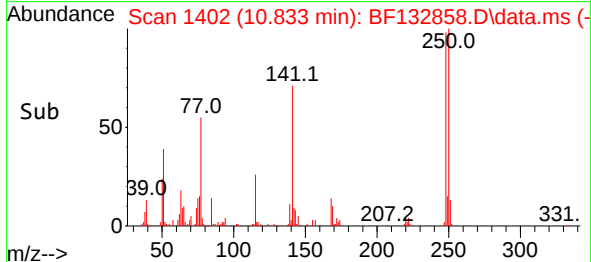
Instrument :
BNA_F
ClientSampleId :
LOD-MDL-WATER-01-QT1-2023



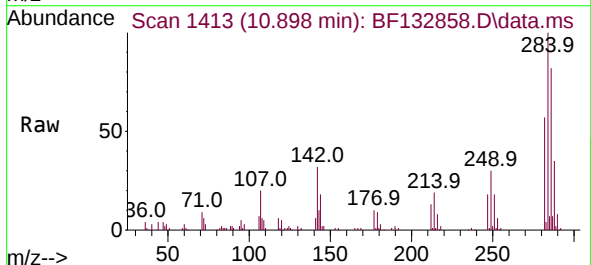
Tgt Ion:248 Resp: 32646
Ion Ratio Lower Upper
248 100
250 102.3 76.9 115.3
141 72.5 50.9 76.3

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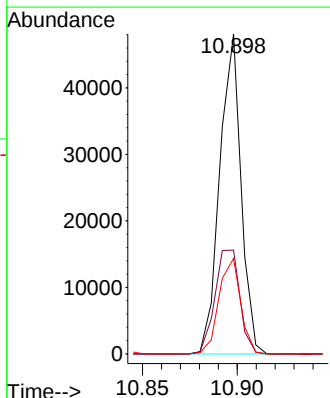
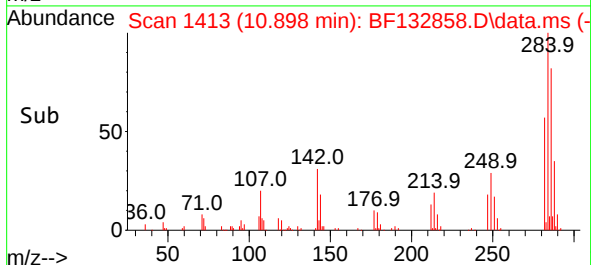
Reviewed By :Christian Giraldo 04/12/2023
Supervised By :Jagrut Upadhyay 04/12/2023

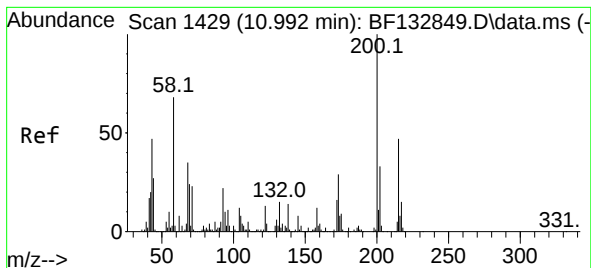


#68
Hexachlorobenzene
Concen: 4.226 ng
RT: 10.898 min Scan# 1413
Delta R.T. -0.006 min
Lab File: BF132858.D
Acq: 11 Apr 2023 19:47



Tgt Ion:284 Resp: 37500
Ion Ratio Lower Upper
284 100
142 32.4 26.2 39.2
249 29.9 24.4 36.6





#69

Atrazine

Concen: 3.982 ng

RT: 10.980 min Scan# 1427

Delta R.T. -0.012 min

Lab File: BF132858.D

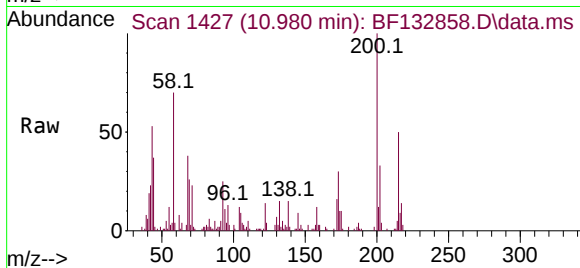
Acq: 11 Apr 2023 19:47

Instrument :

BNA_F

ClientSampleId :

LOD-MDL-WATER-01-QT1-2023



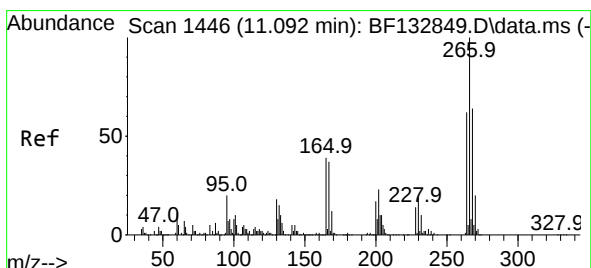
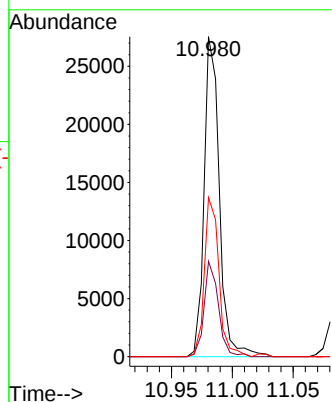
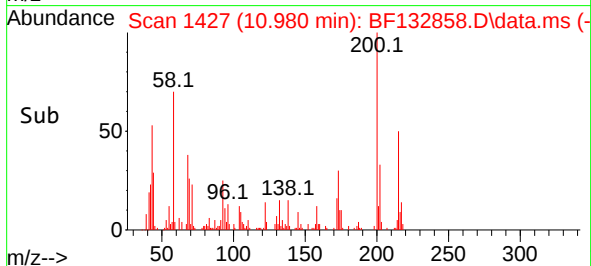
Tgt Ion:	200	Resp:	24050
Ion Ratio	Lower	Upper	
200	100		
173	29.8	8.7	48.7
215	49.7	26.7	66.7

Manual Integrations

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Reviewed By :Christian Giraldo 04/12/2023

Supervised By :Jagrut Upadhyay 04/12/2023



#70

Pentachlorophenol

Concen: 3.039 ng

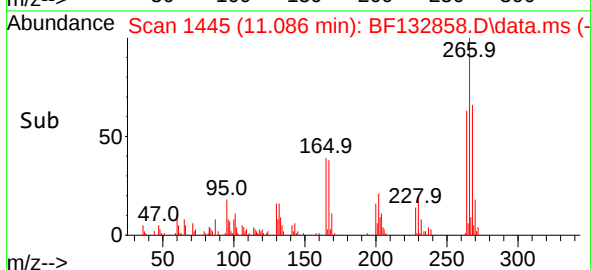
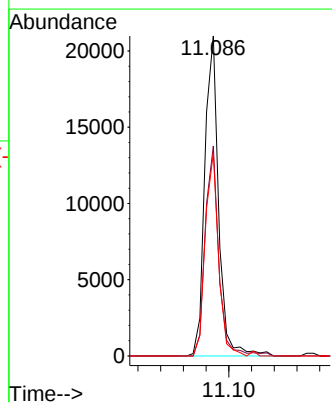
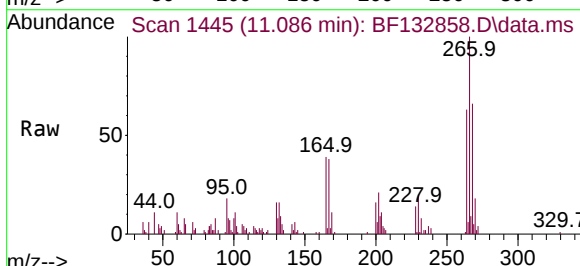
RT: 11.086 min Scan# 1445

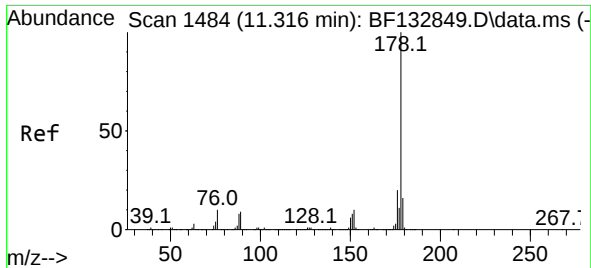
Delta R.T. -0.006 min

Lab File: BF132858.D

Acq: 11 Apr 2023 19:47

Tgt Ion:	266	Resp:	17763
Ion Ratio	Lower	Upper	
266	100		
268	65.6	51.2	76.8
264	63.4	49.8	74.8





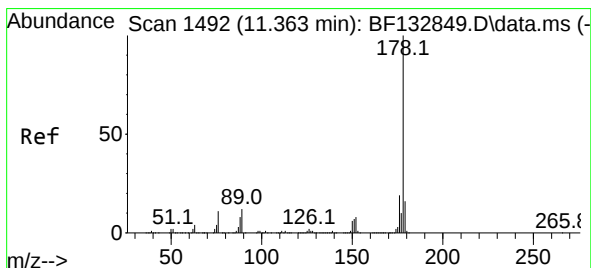
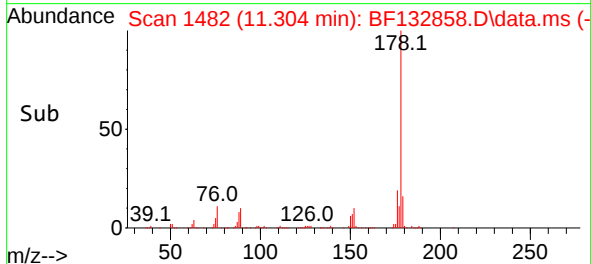
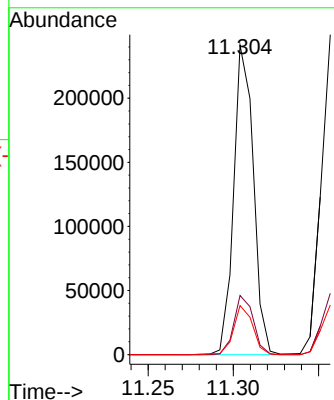
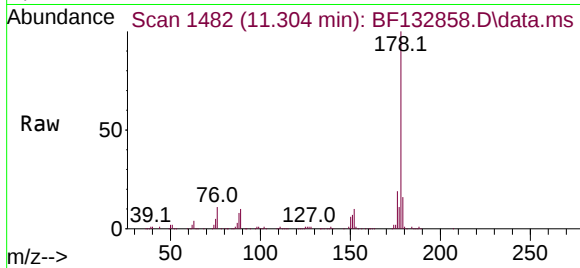
#71
Phenanthrene
Concen: 4.386 ng
RT: 11.304 min Scan# 1482
Delta R.T. -0.012 min
Lab File: BF132858.D
Acq: 11 Apr 2023 19:47

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

Tgt Ion:178 Resp: 194256
Ion Ratio Lower Upper
178 100
176 19.1 15.8 23.8
179 15.9 12.6 18.8

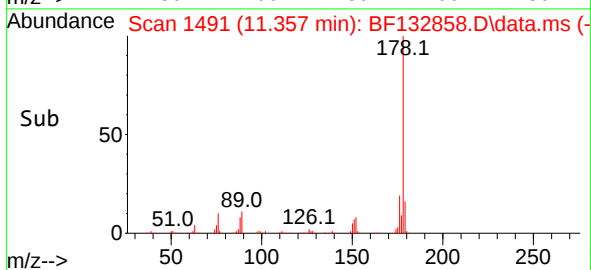
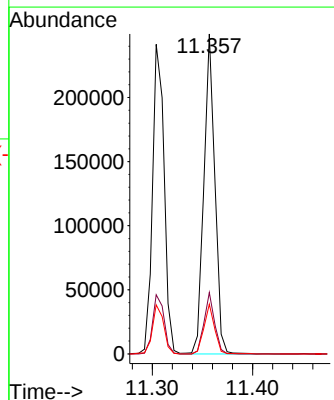
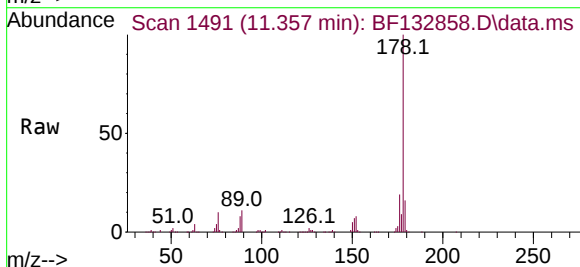
Manual Integrations
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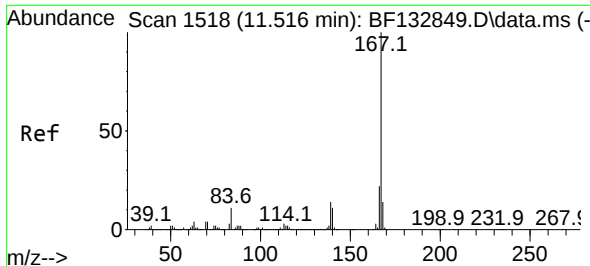
Reviewed By :Christian Giraldo 04/12/2023
Supervised By :Jagrut Upadhyay 04/12/2023



#72
Anthracene
Concen: 4.184 ng
RT: 11.357 min Scan# 1491
Delta R.T. -0.006 min
Lab File: BF132858.D
Acq: 11 Apr 2023 19:47

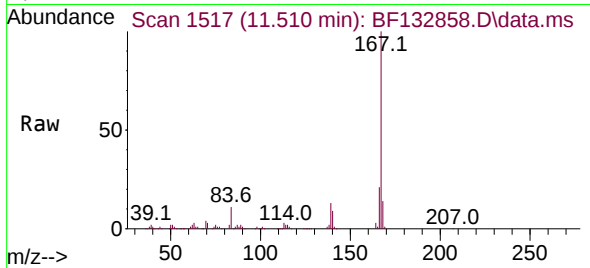
Tgt Ion:178 Resp: 189425
Ion Ratio Lower Upper
178 100
176 19.2 15.3 22.9
179 15.5 12.5 18.7





#73
 Carbazole
 Concen: 4.240 ng
 RT: 11.510 min Scan# 1518
 Delta R.T. -0.006 min
 Lab File: BF132858.D
 Acq: 11 Apr 2023 19:47

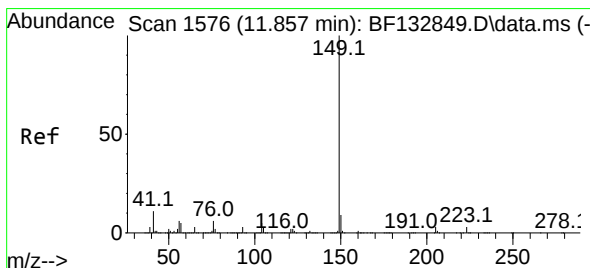
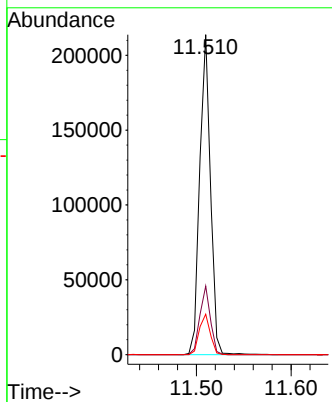
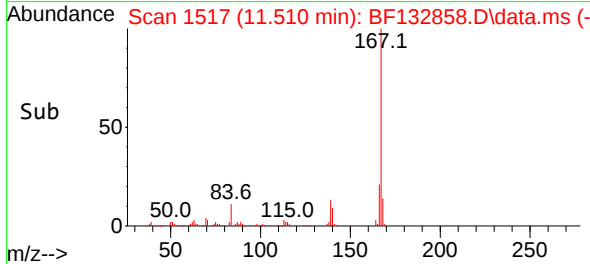
Instrument : BNA_F
 ClientSampleId :
 LOD-MDL-WATER-01-QT1-2023



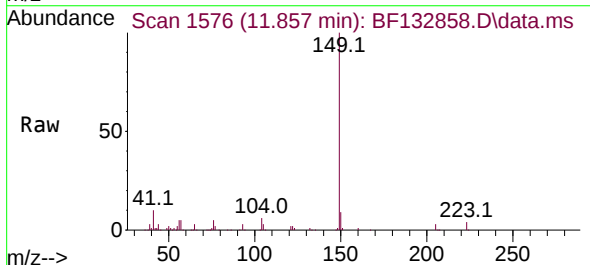
Tgt Ion:167 Resp: 167916
 Ion Ratio Lower Upper
 167 100
 166 21.4 17.4 26.0
 139 12.6 11.1 16.7

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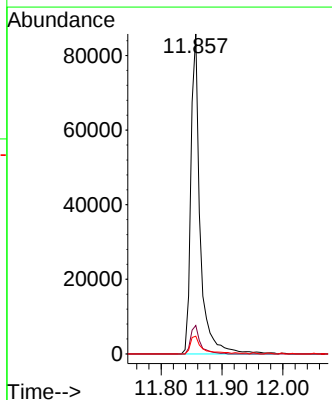
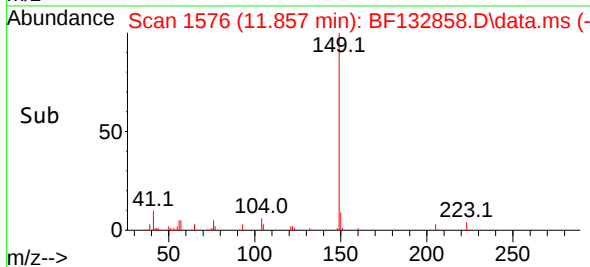
Reviewed By :Christian Giraldo 04/12/2023
 Supervised By :Jagrut Upadhyay 04/12/2023

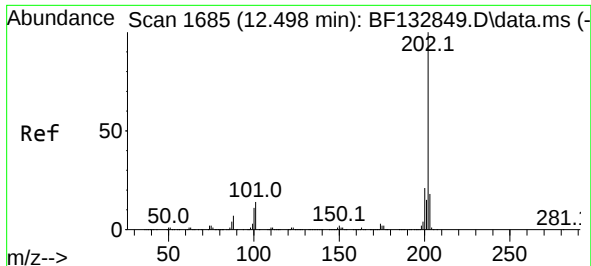


#74
 Di-n-butylphthalate
 Concen: 3.567 ng
 RT: 11.857 min Scan# 1576
 Delta R.T. -0.000 min
 Lab File: BF132858.D
 Acq: 11 Apr 2023 19:47



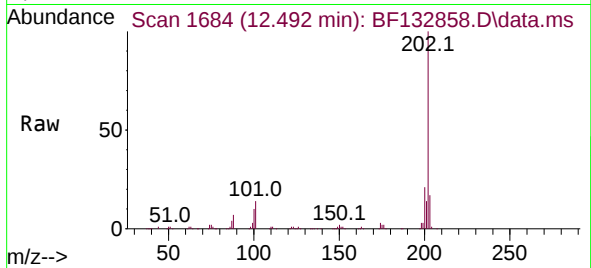
Tgt Ion:149 Resp: 90642
 Ion Ratio Lower Upper
 149 100
 150 8.9 7.4 11.2
 104 5.5 4.3 6.5





#75
Fluoranthene
Concen: 3.960 ng
RT: 12.492 min Scan# 1685
Delta R.T. -0.006 min
Lab File: BF132858.D
Acq: 11 Apr 2023 19:47

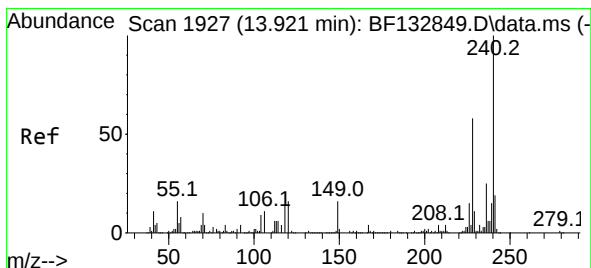
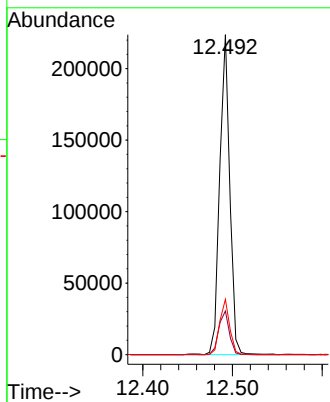
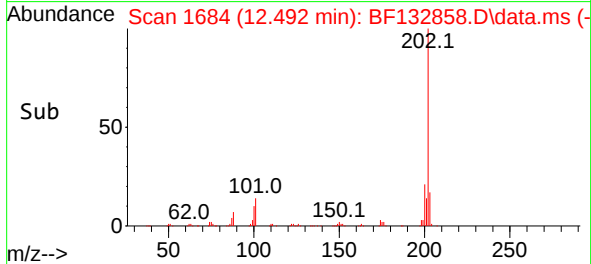
Instrument : BNA_F
ClientSampleId : LOD-MDL-WATER-01-QT1-2023



Tgt Ion:202 Resp: 175562
Ion Ratio Lower Upper
202 100
101 13.6 0.0 34.2
203 17.3 0.0 37.8

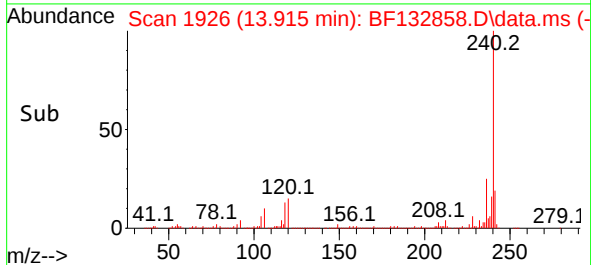
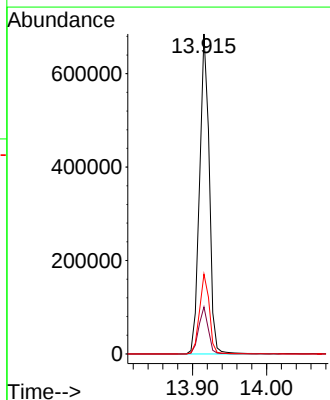
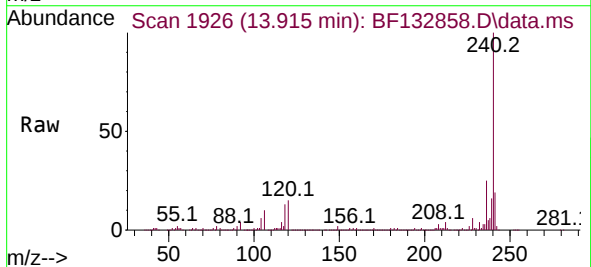
Manual Integrations
APPROVED

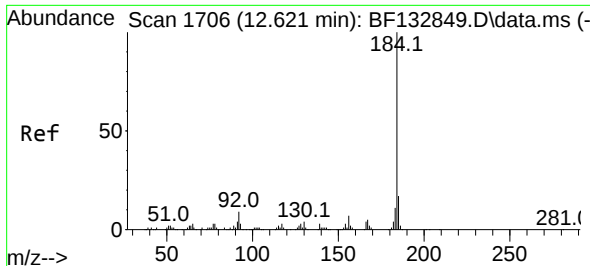
Reviewed By :Christian Giraldo 04/12/2023
Supervised By :Jagrut Upadhyay 04/12/2023



#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.915 min Scan# 1926
Delta R.T. -0.006 min
Lab File: BF132858.D
Acq: 11 Apr 2023 19:47

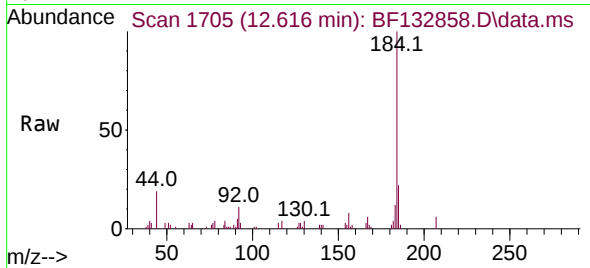
Tgt Ion:240 Resp: 619573
Ion Ratio Lower Upper
240 100
120 14.7 12.6 18.8
236 24.9 20.3 30.5





#77
Benzidine
Concen: 3.813 ng m
RT: 12.616 min Scan# 1705
Delta R.T. -0.005 min
Lab File: BF132858.D
Acq: 11 Apr 2023 19:47

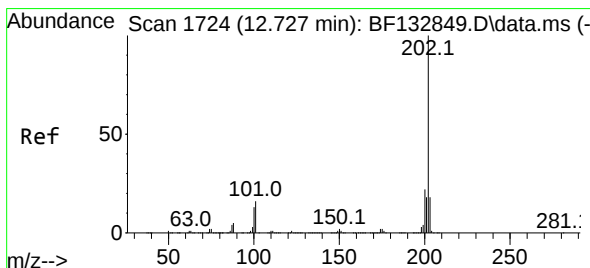
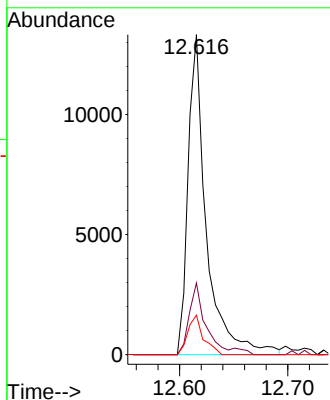
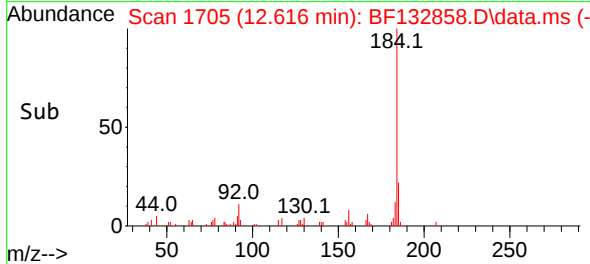
Instrument : BNA_F
ClientSampleId :
LOD-MDL-WATER-01-QT1-2023



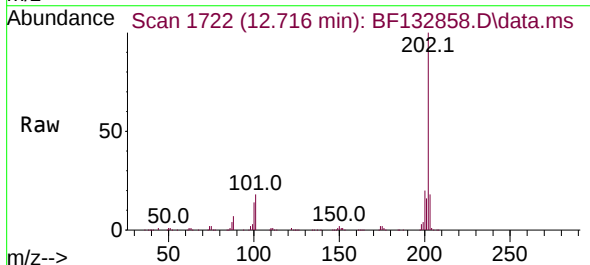
Tgt Ion:184 Resp: 15605
Ion Ratio Lower Upper
184 100
185 22.4 13.2 19.8
183 12.3 8.9 13.3

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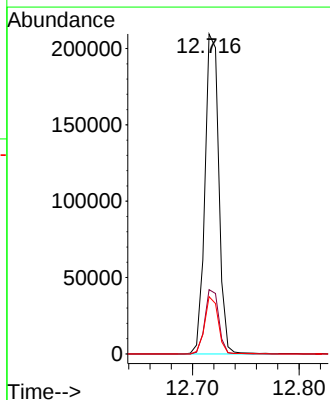
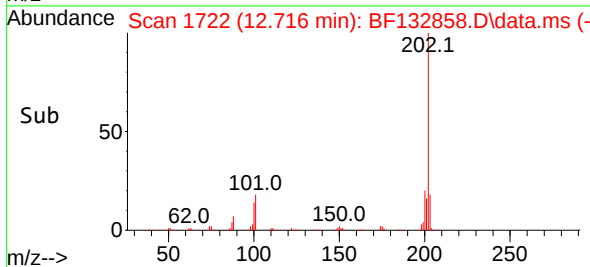
Reviewed By :Christian Giraldo 04/12/2023
Supervised By :Jagrut Upadhyay 04/12/2023

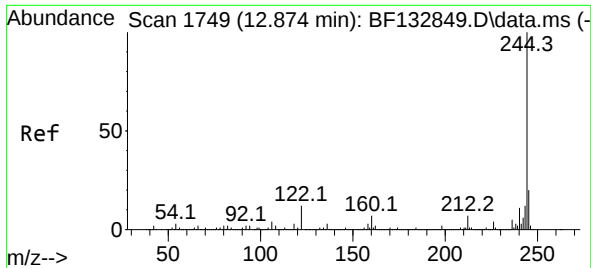


#78
Pyrene
Concen: 3.561 ng
RT: 12.716 min Scan# 1722
Delta R.T. -0.012 min
Lab File: BF132858.D
Acq: 11 Apr 2023 19:47



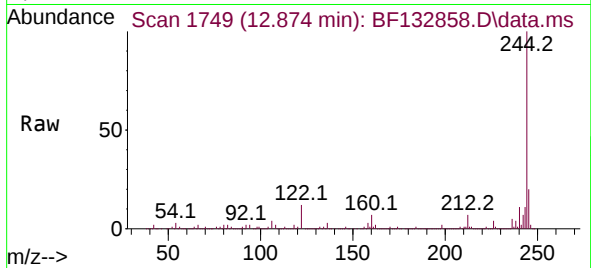
Tgt Ion:202 Resp: 188469
Ion Ratio Lower Upper
202 100
200 20.1 17.4 26.0
203 17.9 14.2 21.4





#79
 Terphenyl-d14
 Concen: 68.191 ng
 RT: 12.874 min Scan# 11
 Delta R.T. 0.000 min
 Lab File: BF132858.D
 Acq: 11 Apr 2023 19:47

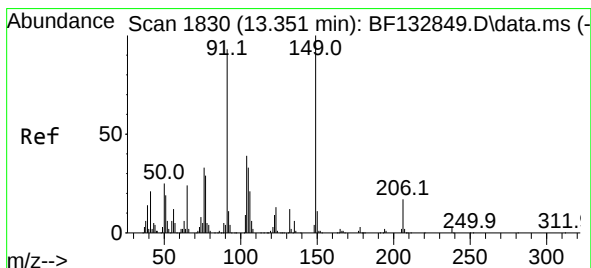
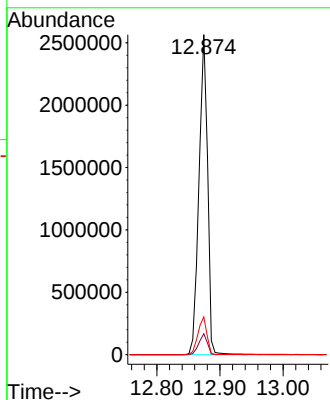
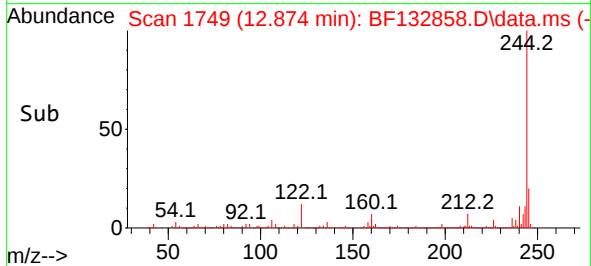
Instrument :
 BNA_F
 ClientSampleId :
 LOD-MDL-WATER-01-QT1-2023



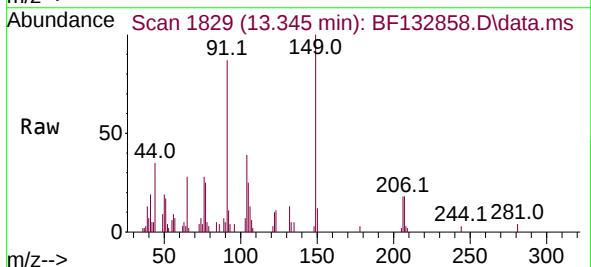
Tgt Ion:244 Resp: 2438396
 Ion Ratio Lower Upper
 244 100
 212 6.5 5.4 8.0
 122 11.8 9.8 14.6

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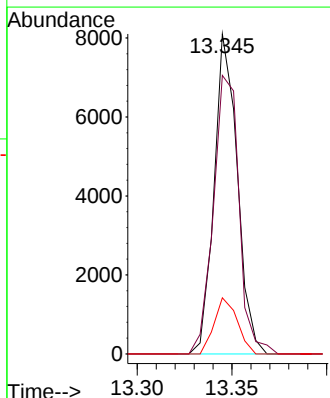
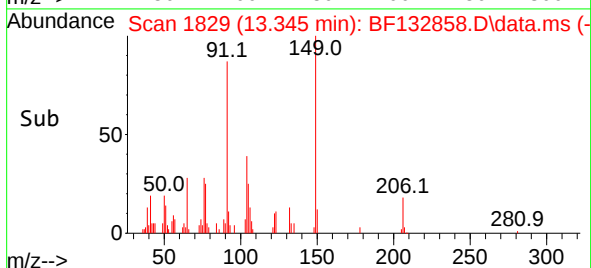
Reviewed By :Christian Giraldo 04/12/2023
 Supervised By :Jagrut Upadhyay 04/12/2023

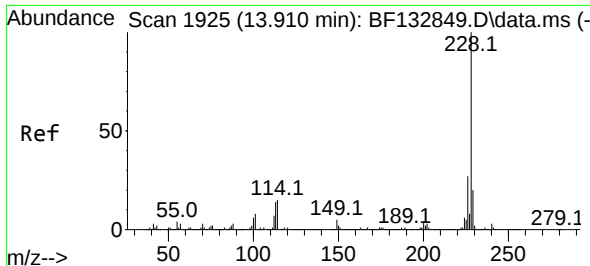


#80
 Butylbenzylphthalate
 Concen: 2.344 ng
 RT: 13.345 min Scan# 1829
 Delta R.T. -0.006 min
 Lab File: BF132858.D
 Acq: 11 Apr 2023 19:47



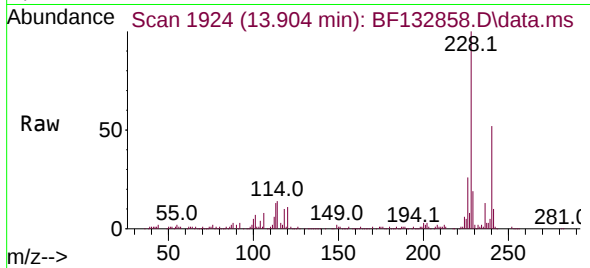
Tgt Ion:149 Resp: 6890
 Ion Ratio Lower Upper
 149 100
 91 87.0 74.8 112.2
 206 17.5 13.8 20.6





#81
Benzo(a)anthracene
Concen: 3.639 ng
RT: 13.904 min Scan# 1919
Delta R.T. -0.006 min
Lab File: BF132858.D
Acq: 11 Apr 2023 19:47

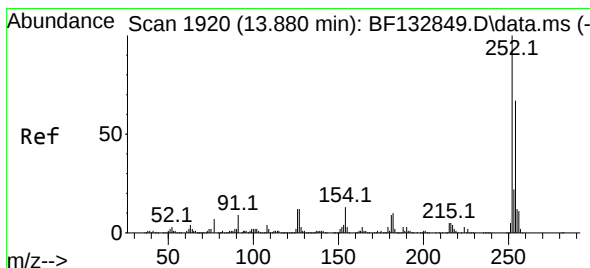
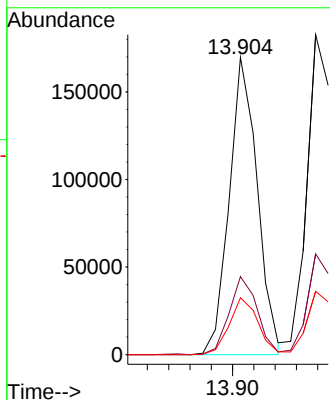
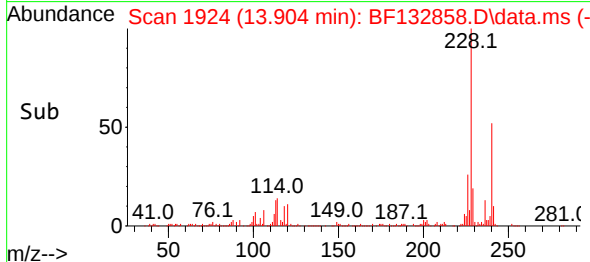
Instrument : BNA_F
ClientSampleId :
LOD-MDL-WATER-01-QT1-2023



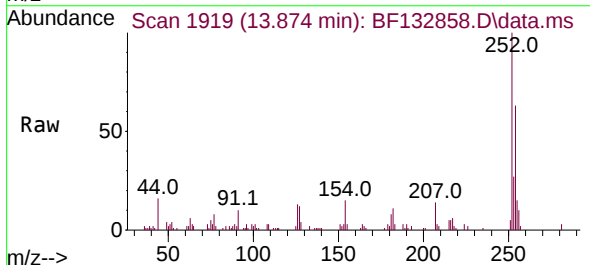
Tgt Ion:228 Resp: 155066
Ion Ratio Lower Upper
228 100
226 26.3 21.9 32.9
229 19.1 16.1 24.1

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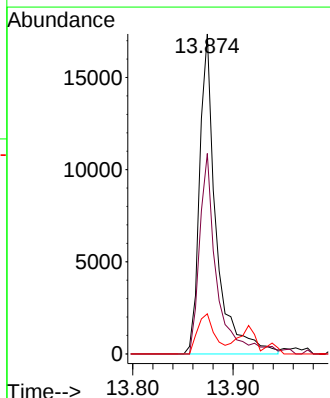
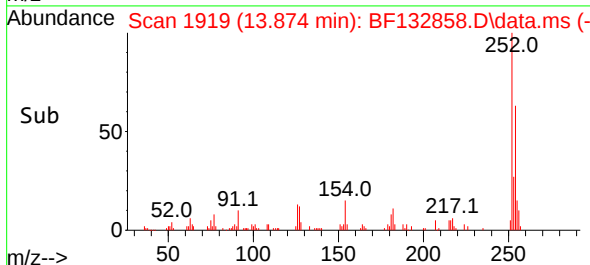
Reviewed By :Christian Giraldo 04/12/2023
Supervised By :Jagrut Upadhyay 04/12/2023

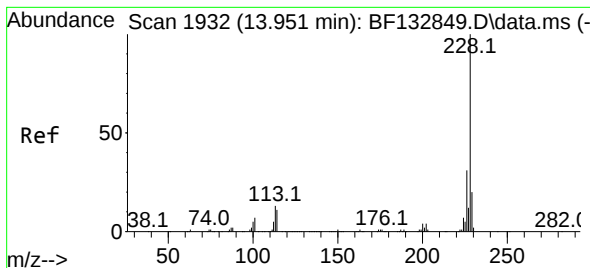


#82
3,3'-Dichlorobenzidine
Concen: 2.937 ng
RT: 13.874 min Scan# 1919
Delta R.T. -0.006 min
Lab File: BF132858.D
Acq: 11 Apr 2023 19:47



Tgt Ion:252 Resp: 19865
Ion Ratio Lower Upper
252 100
254 62.6 53.8 80.6
126 12.5 9.4 14.0





#83

Chrysene

Concen: 3.810 ng

RT: 13.939 min Scan# 1932

Delta R.T. -0.012 min

Lab File: BF132858.D

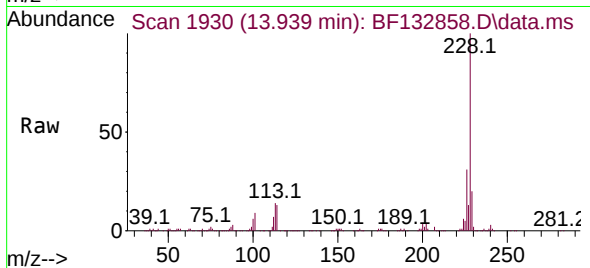
Acq: 11 Apr 2023 19:47

Instrument :

BNA_F

ClientSampleId :

LOD-MDL-WATER-01-QT1-2023



Tgt Ion:228 Resp: 159839

Ion Ratio Lower Upper

228 100

226 31.5 24.3 36.5

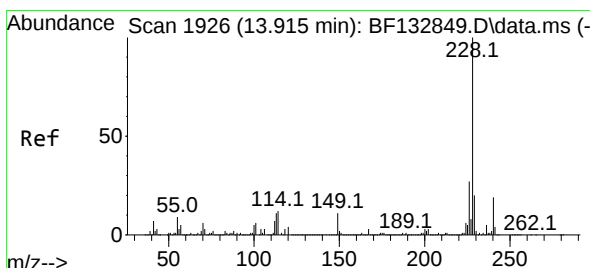
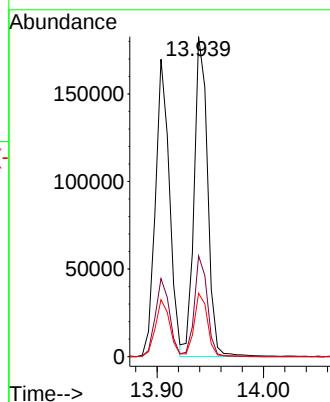
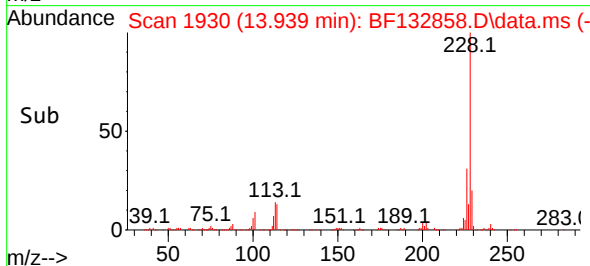
229 19.8 15.8 23.6

Manual Integrations

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Reviewed By :Christian Giraldo 04/12/2023

Supervised By :Jagrut Upadhyay 04/12/2023



#84

Bis(2-ethylhexyl)phthalate

Concen: 2.719 ng

RT: 13.915 min Scan# 1926

Delta R.T. 0.000 min

Lab File: BF132858.D

Acq: 11 Apr 2023 19:47

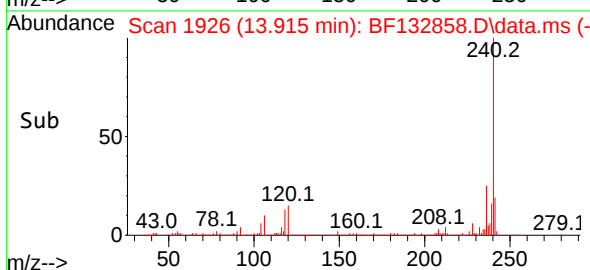
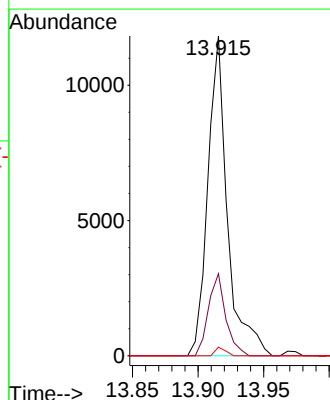
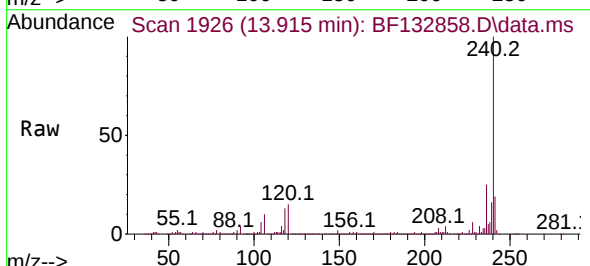
Tgt Ion:149 Resp: 12257

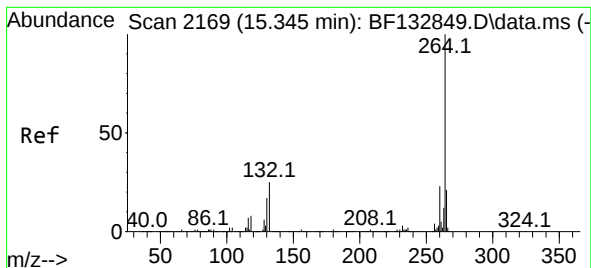
Ion Ratio Lower Upper

149 100

167 25.7 20.4 30.6

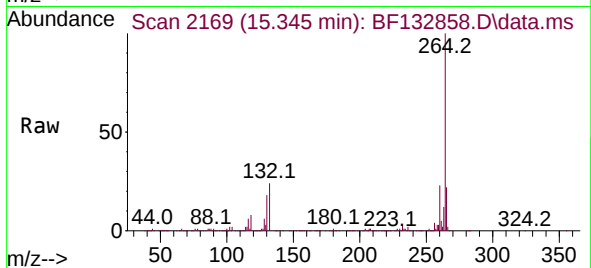
279 2.7 2.3 3.5





#86
Perylene-d12
Concen: 20.000 ng
RT: 15.345 min Scan# 2169
Delta R.T. 0.000 min
Lab File: BF132858.D
Acq: 11 Apr 2023 19:47

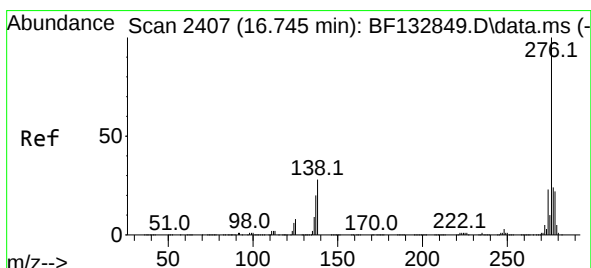
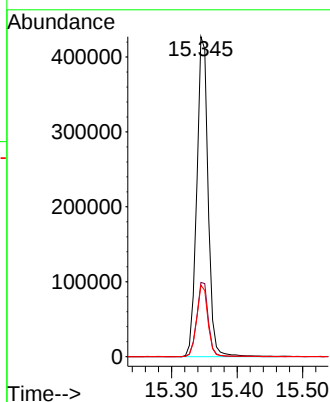
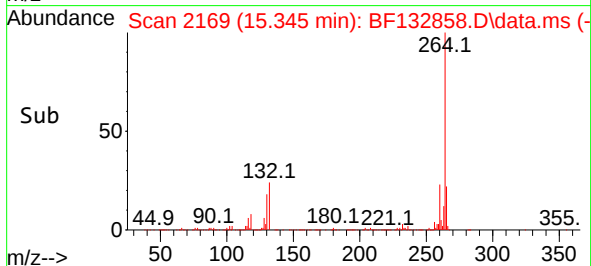
Instrument :
BNA_F
ClientSampleId :
LOD-MDL-WATER-01-QT1-2023



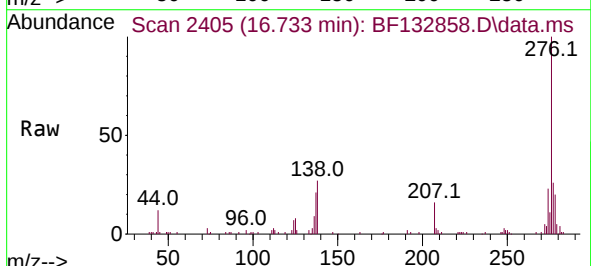
Tgt Ion:264 Resp: 509266
Ion Ratio Lower Upper
264 100
260 23.2 18.2 27.4
265 22.3 17.2 25.8

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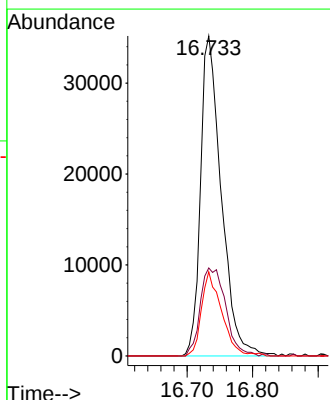
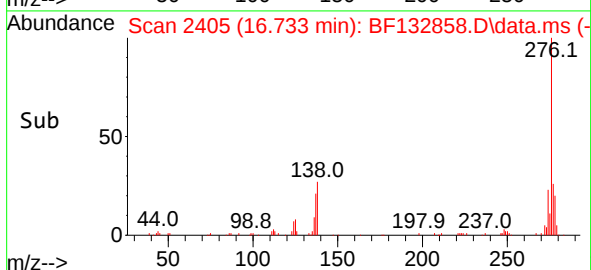
Reviewed By :Christian Giraldo 04/12/2023
Supervised By :Jagrut Upadhyay 04/12/2023

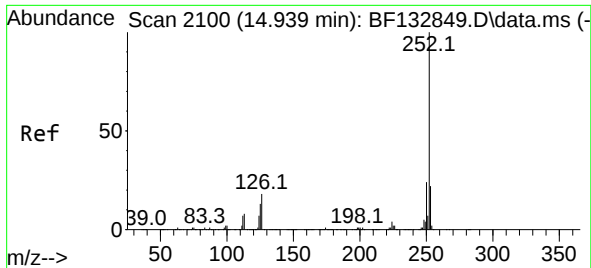


#87
Indeno(1,2,3-cd)pyrene
Concen: 2.659 ng
RT: 16.733 min Scan# 2405
Delta R.T. -0.012 min
Lab File: BF132858.D
Acq: 11 Apr 2023 19:47



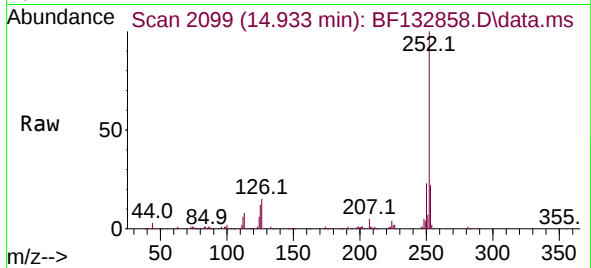
Tgt Ion:276 Resp: 77246
Ion Ratio Lower Upper
276 100
138 33.4 27.0 40.6
277 25.6 20.1 30.1





#88
Benzo(b)fluoranthene
Concen: 3.737 ng
RT: 14.933 min Scan# 2099
Delta R.T. -0.006 min
Lab File: BF132858.D
Acq: 11 Apr 2023 19:47

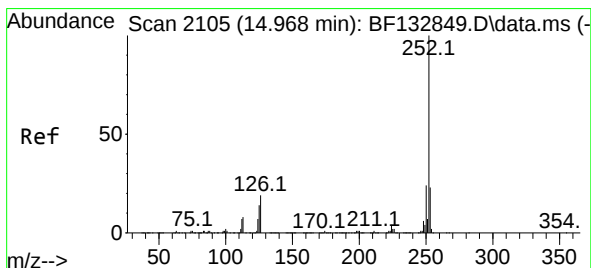
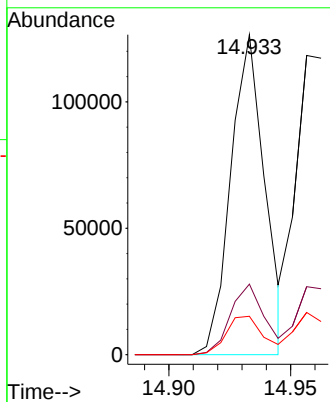
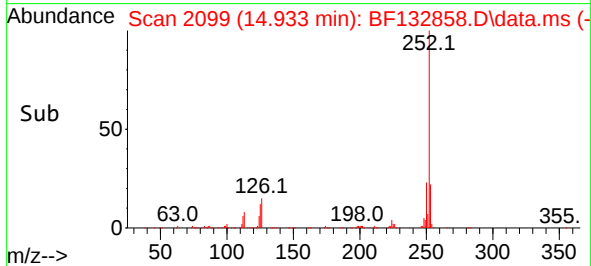
Instrument : BNA_F
ClientSampleId : LOD-MDL-WATER-01-QT1-2023



Tgt Ion:252 Resp: 122826
Ion Ratio Lower Upper
252 100
253 22.0 17.8 26.6
125 12.0 10.2 15.2

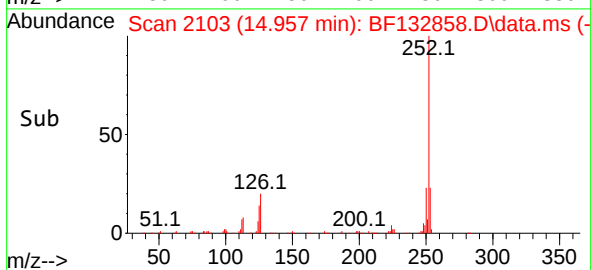
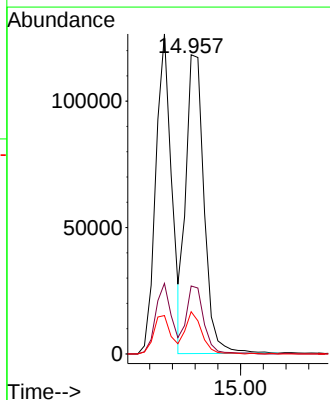
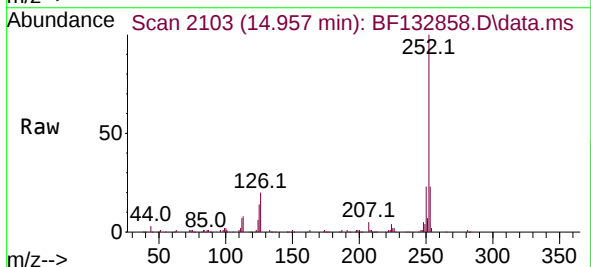
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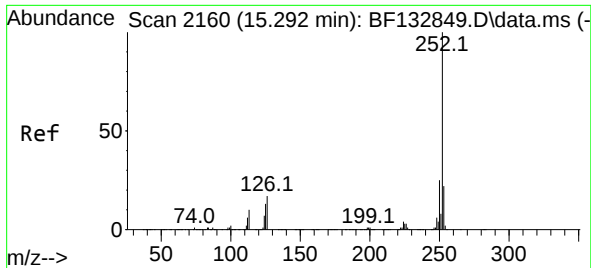
Reviewed By :Christian Giraldo 04/12/2023
Supervised By :Jagrut Upadhyay 04/12/2023



#89
Benzo(k)fluoranthene
Concen: 3.899 ng
RT: 14.957 min Scan# 2103
Delta R.T. -0.012 min
Lab File: BF132858.D
Acq: 11 Apr 2023 19:47

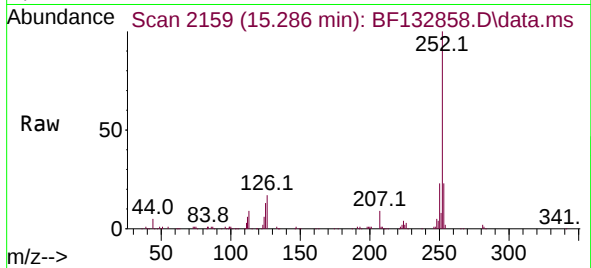
Tgt Ion:252 Resp: 131650
Ion Ratio Lower Upper
252 100
253 22.7 18.1 27.1
125 14.1 10.5 15.7





#90
Benzo(a)pyrene
Concen: 3.173 ng
RT: 15.286 min Scan# 2160
Delta R.T. -0.006 min
Lab File: BF132858.D
Acq: 11 Apr 2023 19:47

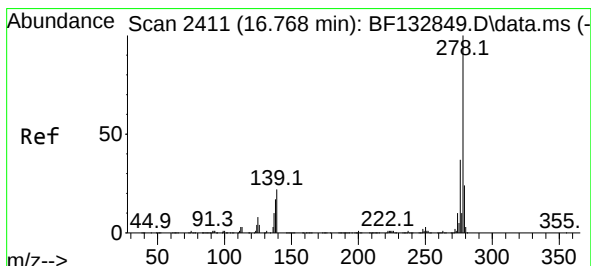
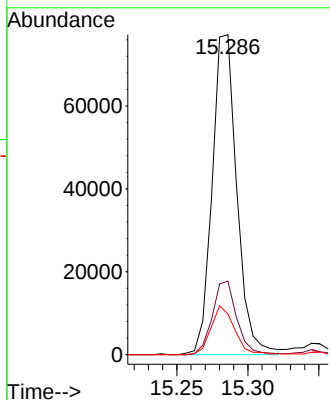
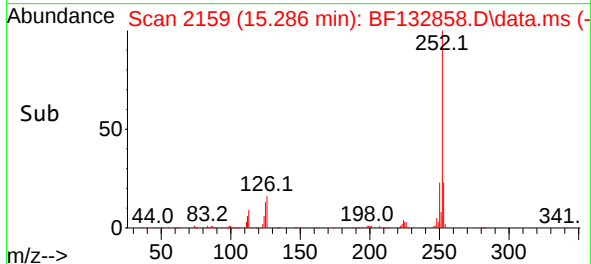
Instrument :
BNA_F
ClientSampleId :
LOD-MDL-WATER-01-QT1-2023



Tgt Ion:252 Resp: 93523
Ion Ratio Lower Upper
252 100
253 23.0 17.8 26.6
125 12.7 10.5 15.7

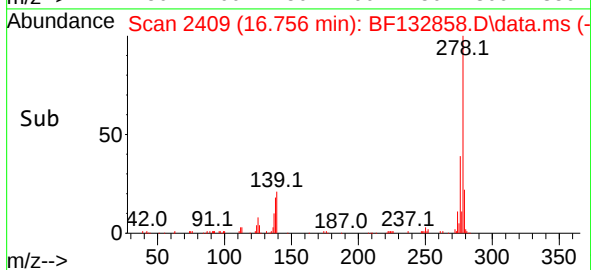
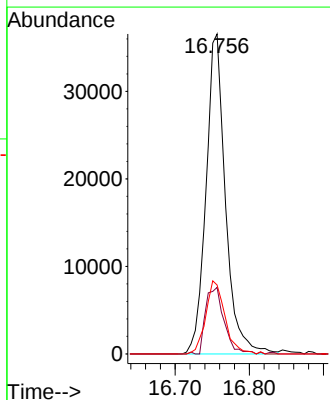
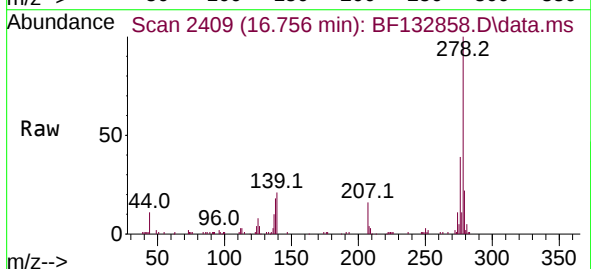
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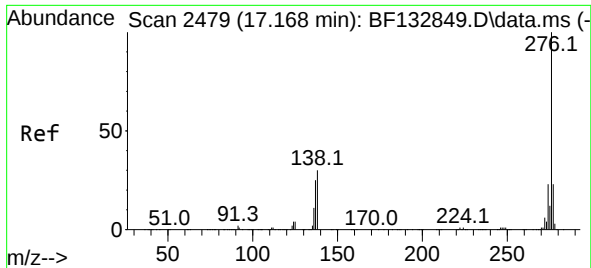
Reviewed By :Christian Giraldo 04/12/2023
Supervised By :Jagrut Upadhyay 04/12/2023



#91
Dibenzo(a,h)anthracene
Concen: 2.771 ng
RT: 16.756 min Scan# 2409
Delta R.T. -0.012 min
Lab File: BF132858.D
Acq: 11 Apr 2023 19:47

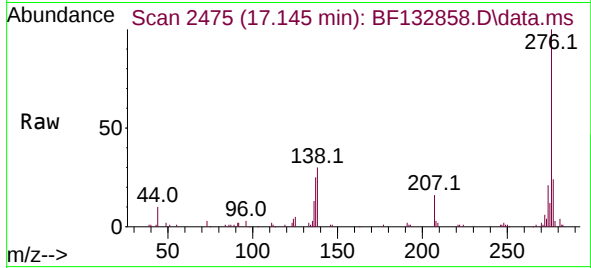
Tgt Ion:278 Resp: 66632
Ion Ratio Lower Upper
278 100
139 20.8 17.4 26.0
279 21.5 19.0 28.6





#92
 Benzo(g,h,i)perylene
 Concen: 2.648 ng
 RT: 17.145 min Scan# 2475
 Delta R.T. -0.023 min
 Lab File: BF132858.D
 Acq: 11 Apr 2023 19:47

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



Tgt Ion: 276 Resp: 64856
 Ion Ratio Lower Upper
 276 100
 277 23.6 18.6 28.0
 138 30.1 23.8 35.6

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

