

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF012723\
 Data File : BF132208.D
 Acq On : 27 Jan 2023 20:29
 Operator : CG\JU
 Sample : N3980-07
 Misc : LOD-MDL-WATER 4ppm
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 LOD-MDL-WATER-01-QT3-2022

Quant Time: Jan 28 04:02:37 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF012723.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Sat Jan 28 02:25:45 2023
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By : Christian Giraldo 01/30/2023
 Supervised By : Jagrut Upadhyay 01/30/2023

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.078	152	227938	20.000	ng	0.00
21) Naphthalene-d8	8.366	136	811859	20.000	ng	0.00
39) Acenaphthene-d10	10.131	164	434195	20.000	ng	0.00
64) Phenanthrene-d10	11.630	188	799796	20.000	ng	0.00
76) Chrysene-d12	14.289	240	477234	20.000	ng	0.00
86) Perylene-d12	15.877	264	380325	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.696	112	1463925	106.858	ng	0.00
7) Phenol-d6	6.695	99	1798994	104.729	ng	0.00
23) Nitrobenzene-d5	7.642	82	1139218	73.462	ng	0.00
42) 2,4,6-Tribromophenol	10.925	330	500010	124.363	ng	0.00
45) 2-Fluorobiphenyl	9.442	172	2033671	68.919	ng	0.00
79) Terphenyl-d14	13.224	244	2174894	71.600	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.019	88	27788	4.030	ng	95
3) Pyridine	3.825	79	62796	3.316	ng	98
4) n-Nitrosodimethylamine	3.719	42	21232	3.350	ng	# 97
6) Aniline	6.742	93	93587m	3.891	ng	
8) 2-Chlorophenol	6.860	128	60397	4.397	ng	98
9) Benzaldehyde	6.631	77	51865	4.026	ng	99
10) Phenol	6.701	94	74108	4.144	ng	90
11) bis(2-Chloroethyl)ether	6.807	93	63706	4.130	ng	96
12) 1,3-Dichlorobenzene	7.019	146	68681	4.497	ng	98
13) 1,4-Dichlorobenzene	7.095	146	69657	4.575	ng	97
14) 1,2-Dichlorobenzene	7.248	146	64706	4.575	ng	98
15) Benzyl Alcohol	7.207	79	63165m	5.004	ng	
16) 2,2'-oxybis(1-Chloropr...	7.342	45	72192	4.121	ng	98
17) 2-Methylphenol	7.307	107	47911	3.836	ng	96
18) Hexachloroethane	7.595	117	24241	4.333	ng	91
19) n-Nitroso-di-n-propyla...	7.478	70	42322	4.093	ng	98
20) 3+4-Methylphenols	7.460	107	61509	3.918	ng	88
22) Acetophenone	7.478	105	90763	4.572	ng	97
24) Nitrobenzene	7.660	77	66674	4.159	ng	92
25) Isophorone	7.889	82	116328	3.901	ng	99
26) 2-Nitrophenol	7.972	139	23760	5.900	ng	91
27) 2,4-Dimethylphenol	7.995	122	49481	3.968	ng	99
28) bis(2-Chloroethoxy)met...	8.095	93	76830	4.184	ng	97
29) 2,4-Dichlorophenol	8.207	162	47662	4.093	ng	99
30) 1,2,4-Trichlorobenzene	8.301	180	57524	4.300	ng	98
31) Naphthalene	8.384	128	181762	4.525	ng	98
32) Benzoic acid	8.031	122	13520	8.669	ng	93
33) 4-Chloroaniline	8.425	127	71304	4.095	ng	97
34) Hexachlorobutadiene	8.501	225	35912	4.297	ng	99
35) Caprolactam	8.748	113	11957	3.626	ng	99
36) 4-Chloro-3-methylphenol	8.889	107	46947	3.937	ng	97
37) 2-Methylnaphthalene	9.078	142	119823	4.347	ng	100
38) 1-Methylnaphthalene	9.178	142	114260	4.469	ng	100
40) 1,2,4,5-Tetrachloroben...	9.242	216	61641	4.230	ng	97
41) Hexachlorocyclopentadiene	9.231	237	29623	4.002	ng	95
43) 2,4,6-Trichlorophenol	9.348	196	33044	3.717	ng	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.383	196	36139	3.471	ng	98
46) 1,1'-Biphenyl	9.542	154	153363	4.583	ng	98
47) 2-Chloronaphthalene	9.572	162	115114	4.432	ng	95
48) 2-Nitroaniline	9.660	65	23683	3.396	ng	# 86
49) Acenaphthylene	9.989	152	170484	4.225	ng	98
50) Dimethylphthalate	9.831	163	126185	4.282	ng	98
51) 2,6-Dinitrotoluene	9.895	165	24392	3.896	ng	92
52) Acenaphthene	10.160	154	103380	4.167	ng	96
53) 3-Nitroaniline	10.066	138	25164	3.633	ng	96
54) 2,4-Dinitrophenol	10.172	184	4109	7.945	ng	# 1
55) Dibenzofuran	10.336	168	163240	4.392	ng	92
56) 4-Nitrophenol	10.207	139	14139	2.825	ng	97
57) 2,4-Dinitrotoluene	10.301	165	26995	3.503	ng	# 87
58) Fluorene	10.678	166	126650	4.461	ng	99
59) 2,3,4,6-Tetrachlorophenol	10.442	232	26162	3.536	ng	98
60) Diethylphthalate	10.536	149	119395	4.157	ng	96
61) 4-Chlorophenyl-phenyle...	10.672	204	63456	4.237	ng	# 87
62) 4-Nitroaniline	10.678	138	22155	3.409	ng	90
63) Azobenzene	10.830	77	117546	3.878	ng	98
65) 4,6-Dinitro-2-methylph...	10.707	198	8213	7.086	ng	95
66) n-Nitrosodiphenylamine	10.783	169	105235	4.190	ng	99
67) 4-Bromophenyl-phenylether	11.166	248	36167	3.928	ng	96
68) Hexachlorobenzene	11.230	284	39970	4.381	ng	91
69) Atrazine	11.301	200	30087	4.174	ng	99
70) Pentachlorophenol	11.419	266	12641	2.099	ng	97
71) Phenanthrene	11.654	178	175740	4.319	ng	97
72) Anthracene	11.701	178	175063	4.225	ng	98
73) Carbazole	11.854	167	148299	4.167	ng	98
74) Di-n-butylphthalate	12.177	149	153830	3.799	ng	# 97
75) Fluoranthene	12.848	202	167737	4.052	ng	98
77) Benzidine	12.966	184	48633	3.904	ng	97
78) Pyrene	13.083	202	174379	3.900	ng	96
80) Butylbenzylphthalate	13.695	149	42914	4.494	ng	87
81) Benzo(a)anthracene	14.277	228	131679	3.924	ng	97
82) 3,3'-Dichlorobenzidine	14.236	252	30924	3.401	ng	99
83) Chrysene	14.313	228	124715	3.988	ng	98
84) Bis(2-ethylhexyl)phtha...	14.254	149	57548	3.643	ng	97
85) Di-n-octyl phthalate	14.889	149	56795	7.012	ng	100
87) Indeno(1,2,3-cd)pyrene	17.524	276	68675	2.731	ng	99
88) Benzo(b)fluoranthene	15.395	252	87108	3.729	ng	99
89) Benzo(k)fluoranthene	15.430	252	95603	3.967	ng	99
90) Benzo(a)pyrene	15.807	252	71041	3.223	ng	97
91) Dibenzo(a,h)anthracene	17.548	278	58976	2.869	ng	95
92) Benzo(g,h,i)perylene	18.024	276	60017	2.863	ng	99

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

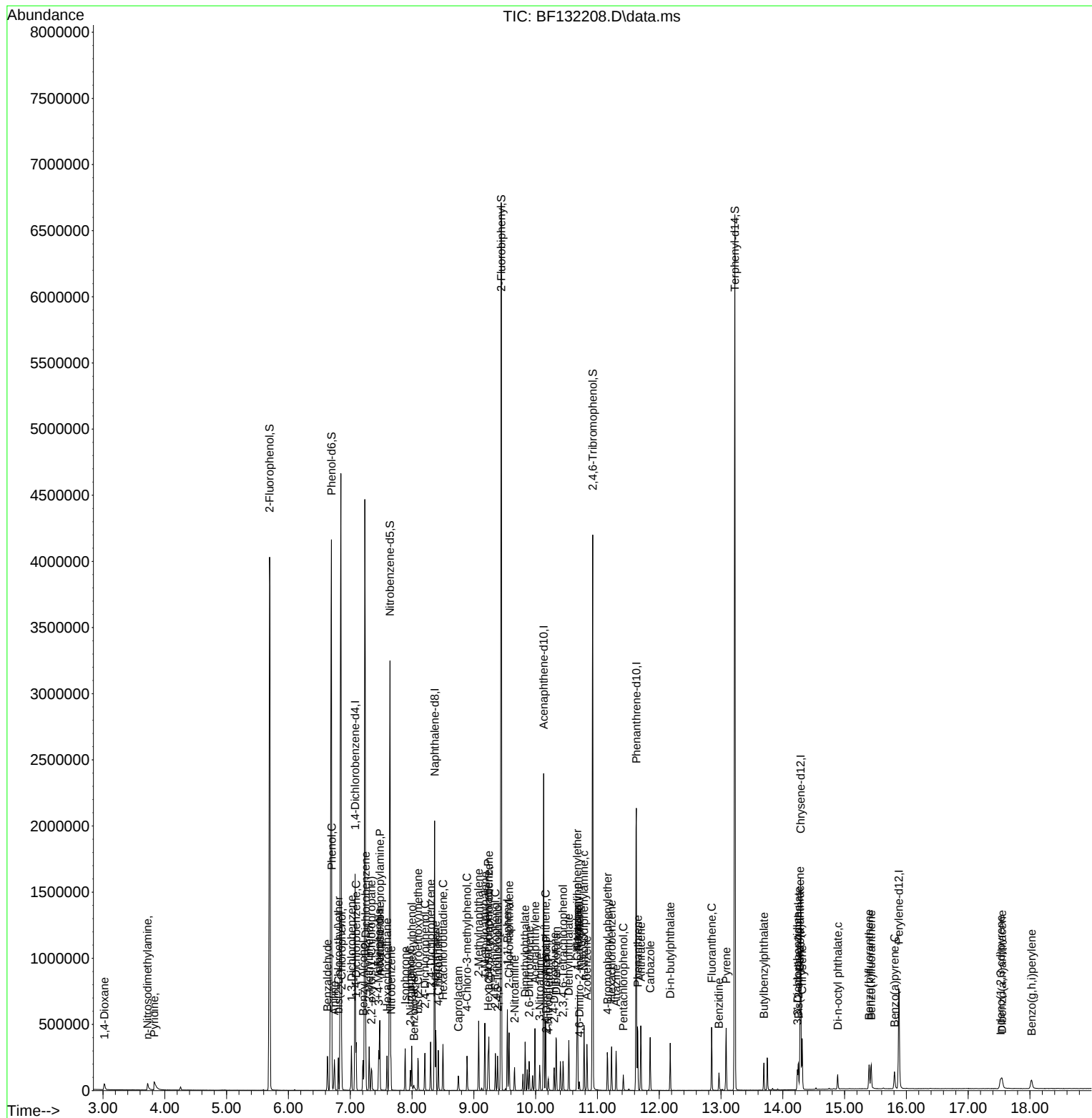
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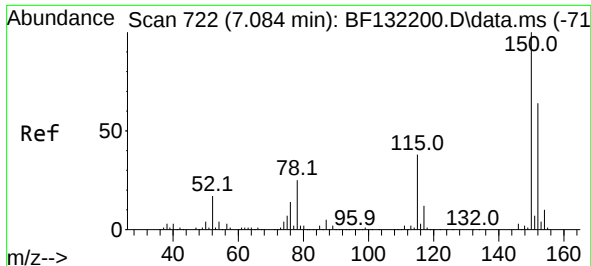
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 ClientSampleId :
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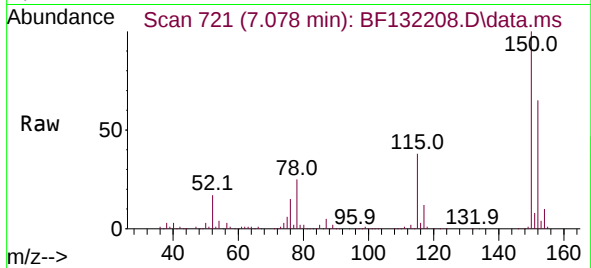
Reviewed By : Christian Giraldo 01/30/2023
 Supervised By : Jagrut Upadhyay 01/30/2023





#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.078 min Scan# 71
Delta R.T. -0.006 min
Lab File: BF132208.D
Acq: 27 Jan 2023 20:29

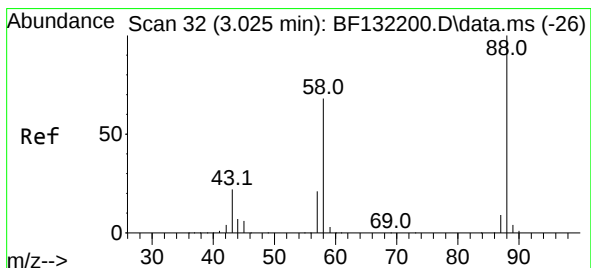
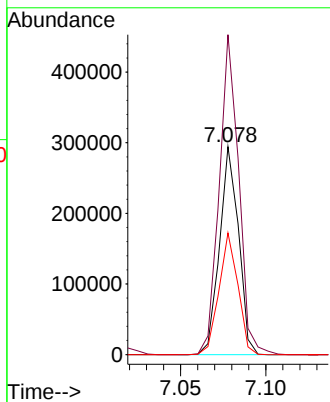
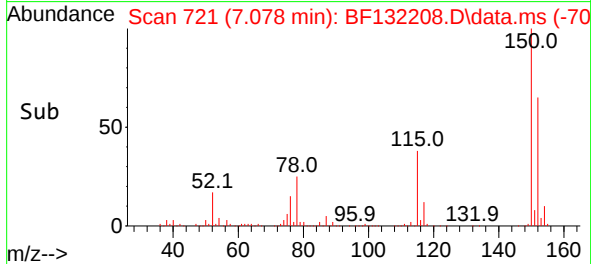
Instrument : BNA_F
ClientSampleId :
LOD-MDL-WATER-01-QT3-2022



Tgt Ion:152 Resp: 227938
Ion Ratio Lower Upper
152 100
150 153.9 124.5 186.7
115 58.5 47.0 70.6

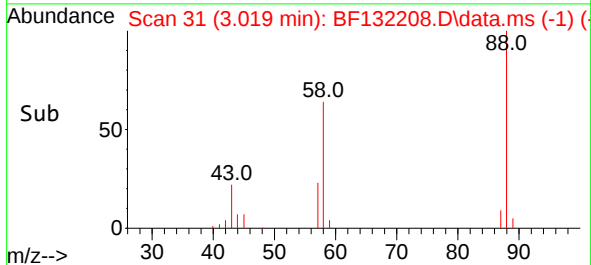
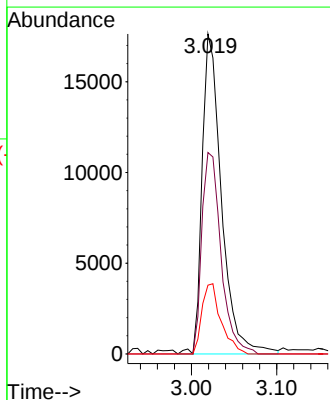
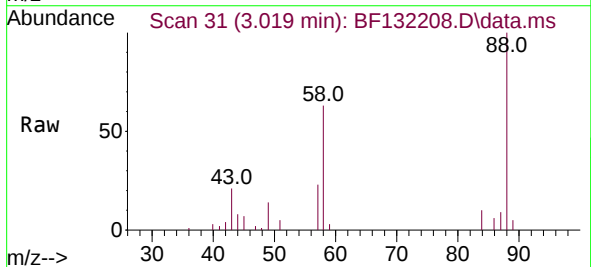
Manual Integrations
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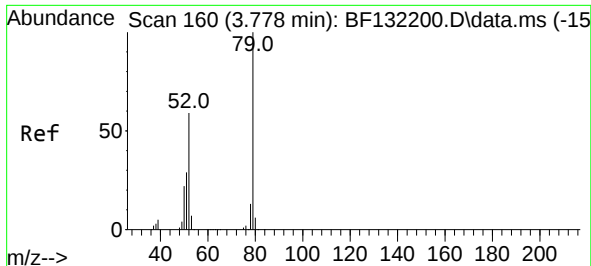
Reviewed By :Christian Giraldo 01/30/2023
Supervised By :Jagrut Upadhyay 01/30/2023



#2
1,4-Dioxane
Concen: 4.030 ng
RT: 3.019 min Scan# 31
Delta R.T. -0.006 min
Lab File: BF132208.D
Acq: 27 Jan 2023 20:29

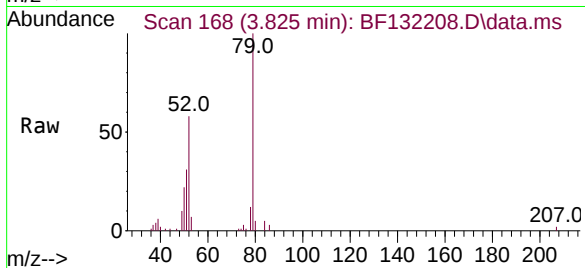
Tgt Ion: 88 Resp: 27788
Ion Ratio Lower Upper
88 100
58 62.3 54.1 81.1
43 21.7 18.0 27.0





#3
Pyridine
Concen: 3.316 ng
RT: 3.825 min Scan# 10
Delta R.T. 0.047 min
Lab File: BF132208.D
Acq: 27 Jan 2023 20:29

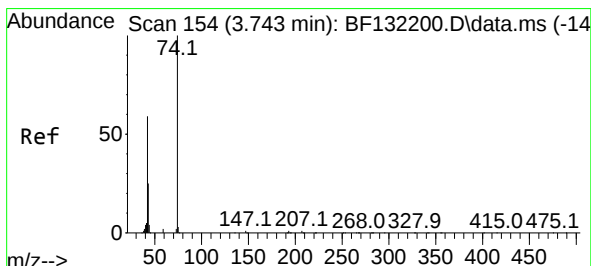
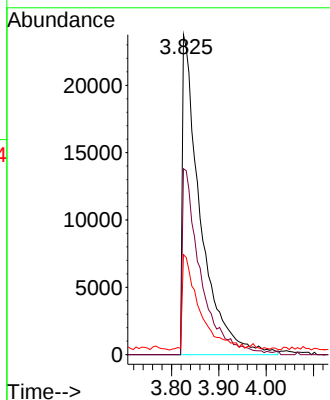
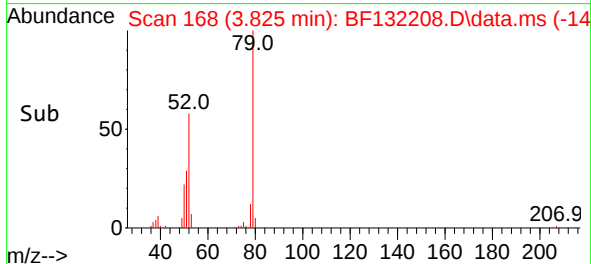
Instrument :
BNA_F
ClientSampleId :
LOD-MDL-WATER-01-QT3-2022



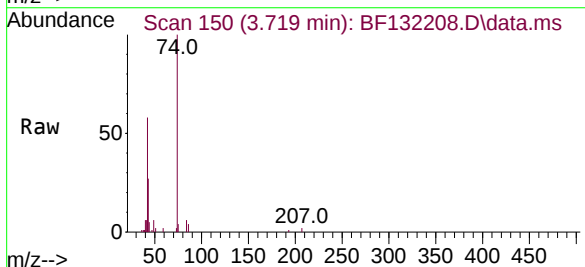
Tgt Ion: 79 Resp: 62796
Ion Ratio Lower Upper
79 100
52 58.1 46.8 70.2
51 31.2 23.0 34.6

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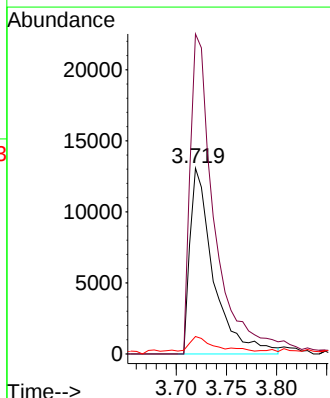
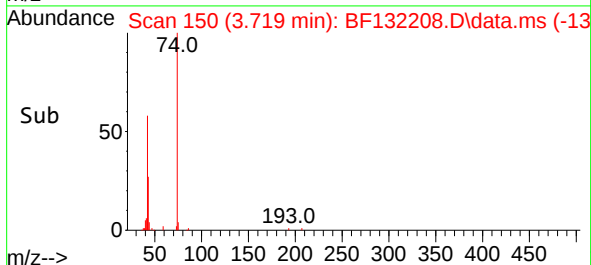
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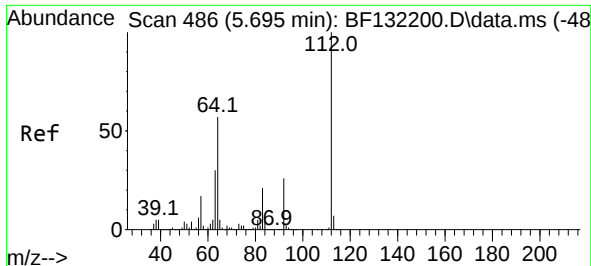


#4
n-Nitrosodimethylamine
Concen: 3.350 ng
RT: 3.719 min Scan# 150
Delta R.T. -0.023 min
Lab File: BF132208.D
Acq: 27 Jan 2023 20:29



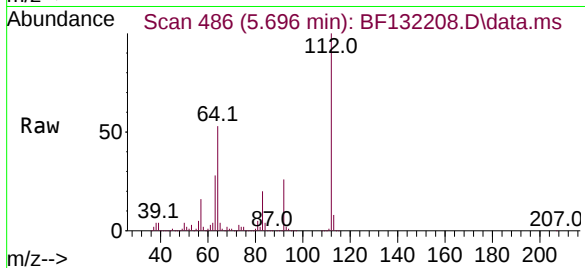
Tgt Ion: 42 Resp: 21232
Ion Ratio Lower Upper
42 100
74 172.4 135.3 202.9
44 9.3 5.1 7.7#





#5
2-Fluorophenol
Concen: 106.858 ng
RT: 5.696 min Scan# 486
Delta R.T. 0.000 min
Lab File: BF132208.D
Acq: 27 Jan 2023 20:29

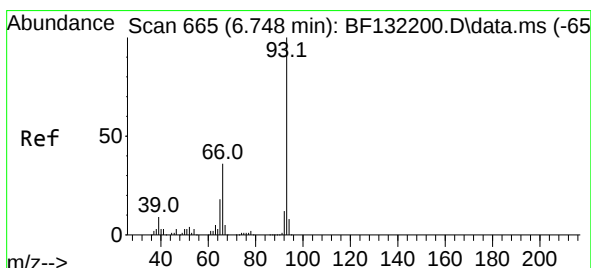
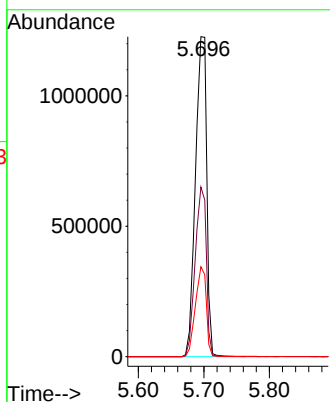
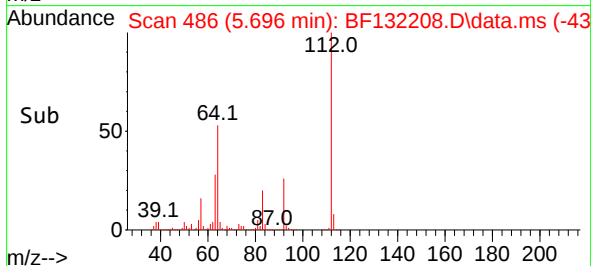
Instrument :
BNA_F
ClientSampleId :
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Tgt Ion: 112 Resp: 1463925
Ion Ratio Lower Upper
112 100
64 53.0 45.5 68.3
63 28.1 23.7 35.5

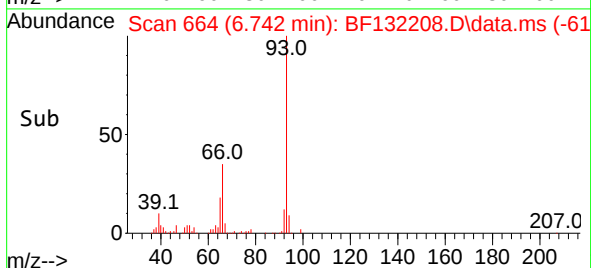
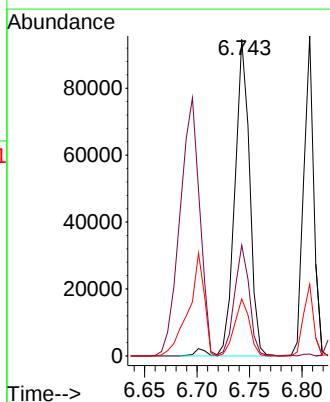
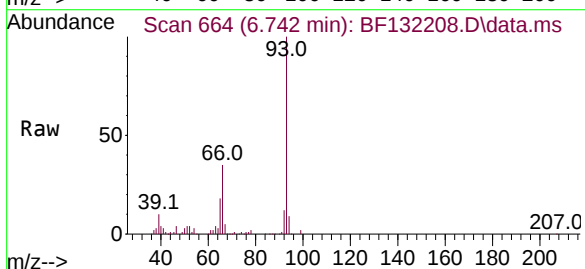
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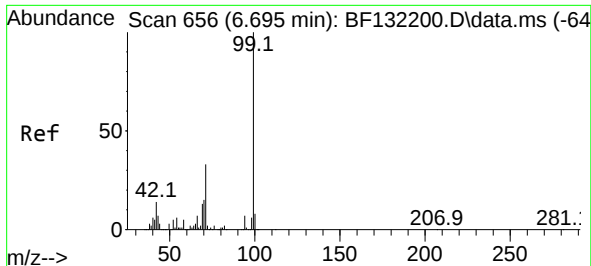
Reviewed By :Christian Giraldo 01/30/2023
Supervised By :Jagrut Upadhyay 01/30/2023



#6
Aniline
Concen: 3.891 ng m
RT: 6.742 min Scan# 664
Delta R.T. -0.006 min
Lab File: BF132208.D
Acq: 27 Jan 2023 20:29

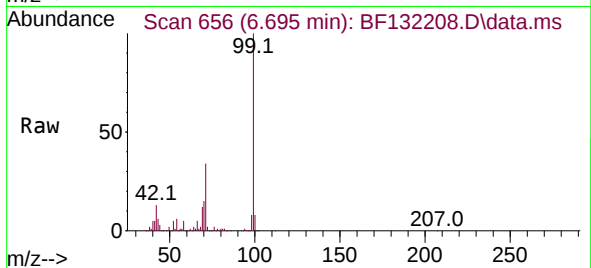
Tgt Ion: 93 Resp: 93587
Ion Ratio Lower Upper
93 100
66 35.0 28.7 43.1
65 18.0 14.7 22.1





#7
Phenol-d6
Concen: 104.729 ng
RT: 6.695 min Scan# 61
Delta R.T. 0.000 min
Lab File: BF132208.D
Acq: 27 Jan 2023 20:29

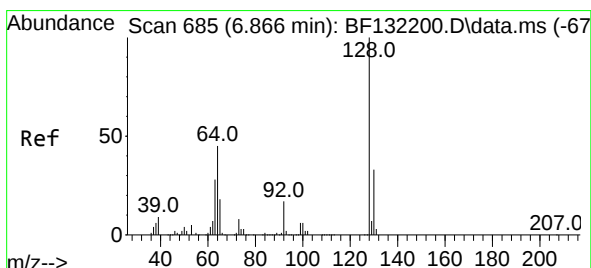
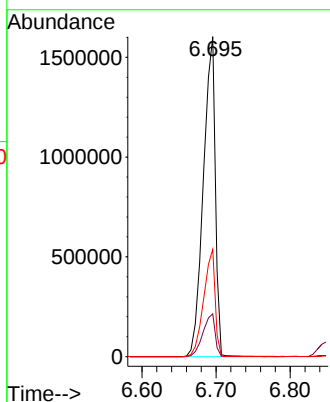
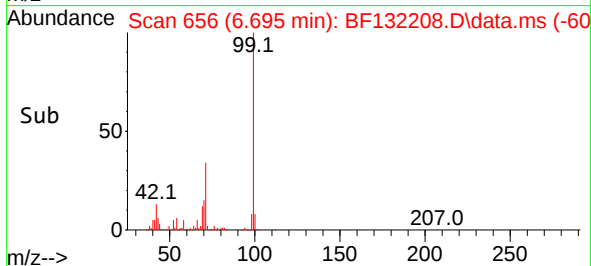
Instrument :
BNA_F
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Tgt Ion: 99 Resp: 1798994
Ion Ratio Lower Upper
99 100
42 13.4 11.3 16.9
71 33.5 26.3 39.5

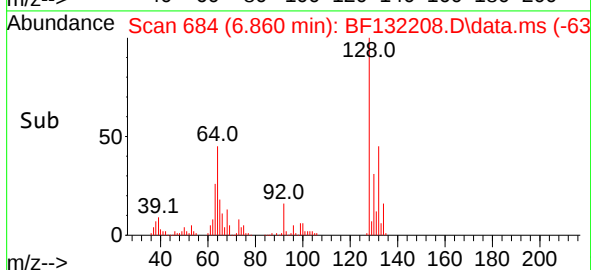
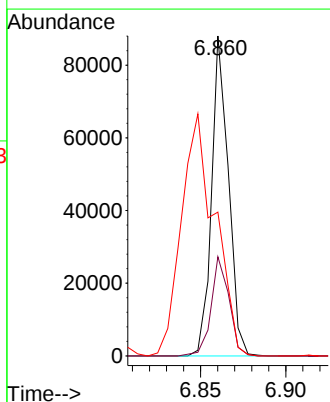
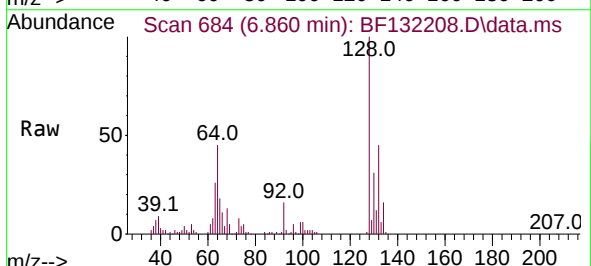
Manual Integrations
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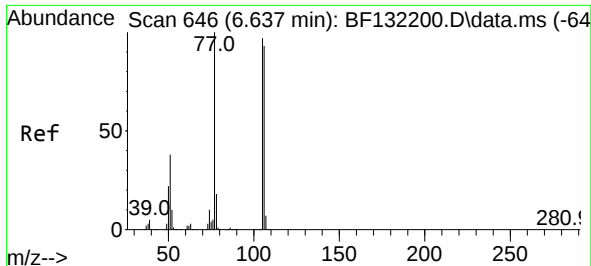
Reviewed By :Christian Giraldo 01/30/2023
Supervised By :Jagrut Upadhyay 01/30/2023



#8
2-Chlorophenol
Concen: 4.397 ng
RT: 6.860 min Scan# 684
Delta R.T. -0.006 min
Lab File: BF132208.D
Acq: 27 Jan 2023 20:29

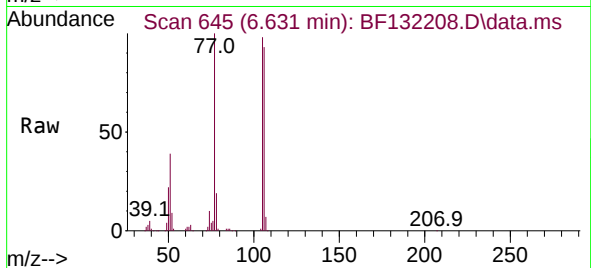
Tgt Ion:128 Resp: 60397
Ion Ratio Lower Upper
128 100
130 31.0 12.8 52.8
64 44.9 25.7 65.7





#9
Benzaldehyde
Concen: 4.026 ng
RT: 6.631 min Scan# 646
Delta R.T. -0.006 min
Lab File: BF132208.D
Acq: 27 Jan 2023 20:29

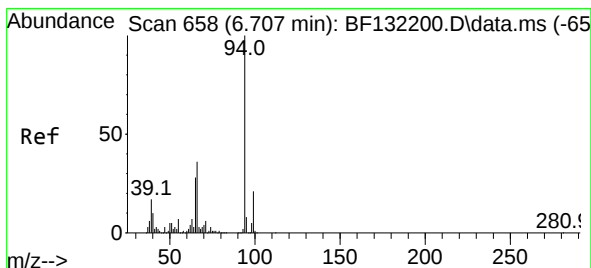
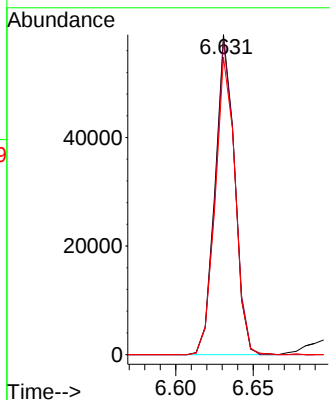
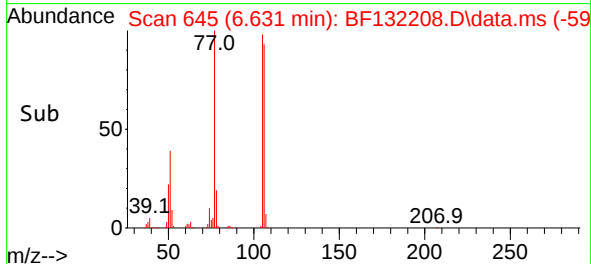
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ClientSampleId :
LOD-MDL-WATER-01-QT3-2022



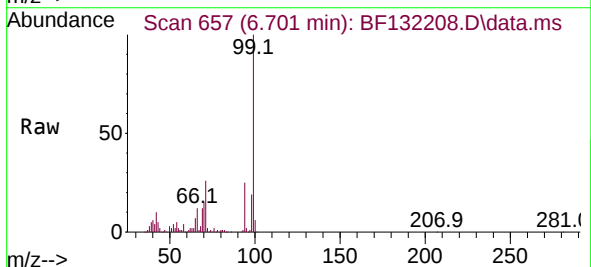
Tgt Ion: 77 Resp: 51865
Ion Ratio Lower Upper
77 100
105 98.3 77.0 117.0
106 93.0 73.2 113.2

Manual Integrations
APPROVED

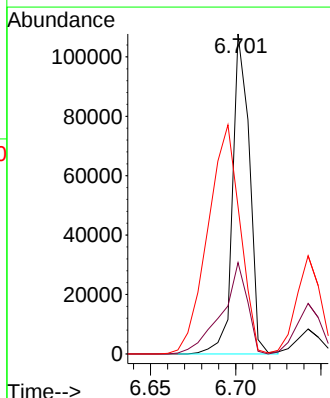
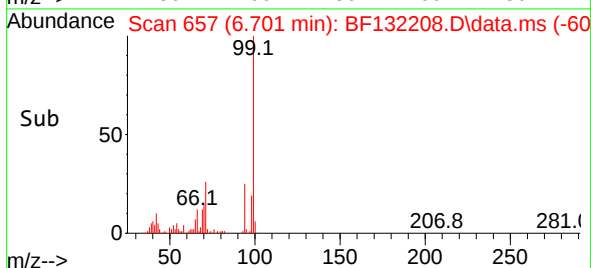
Reviewed By :Christian Giraldo 01/30/2023
Supervised By :Jagrut Upadhyay 01/30/2023

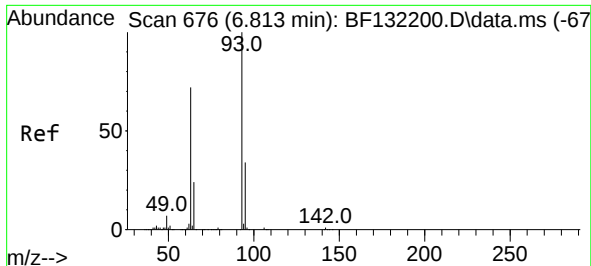


#10
Phenol
Concen: 4.144 ng
RT: 6.701 min Scan# 657
Delta R.T. -0.006 min
Lab File: BF132208.D
Acq: 27 Jan 2023 20:29



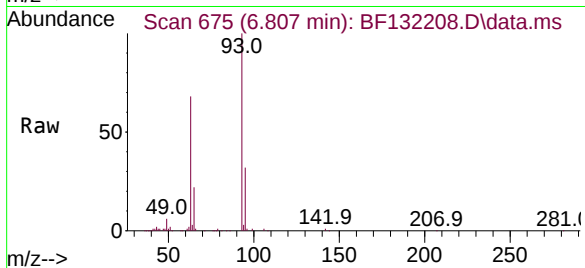
Tgt Ion: 94 Resp: 74108
Ion Ratio Lower Upper
94 100
65 28.5 7.6 47.6
66 46.0 16.3 56.3





#11
bis(2-Chloroethyl)ether
Concen: 4.130 ng
RT: 6.807 min Scan# 61
Delta R.T. -0.006 min
Lab File: BF132208.D
Acq: 27 Jan 2023 20:29

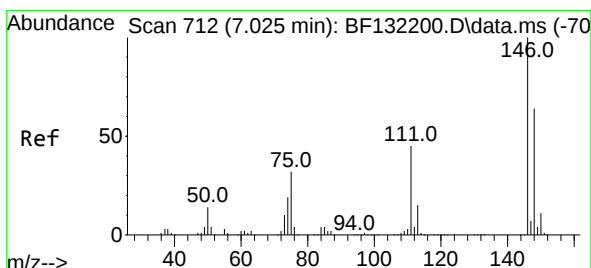
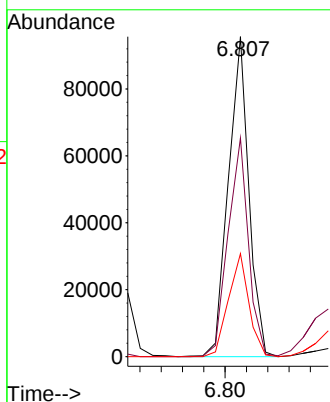
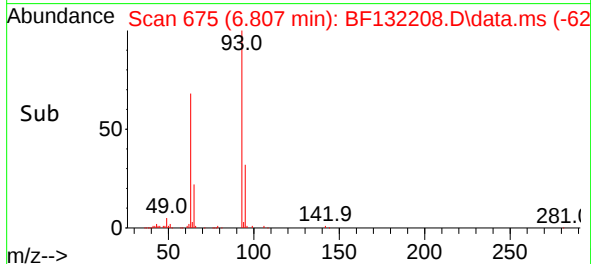
Instrument :
BNA_F
ClientSampleId :
LOD-MDL-WATER-01-QT3-2022



Tgt Ion: 93 Resp: 63706
Ion Ratio Lower Upper
93 100
63 68.3 52.2 92.2
95 32.2 13.8 53.8

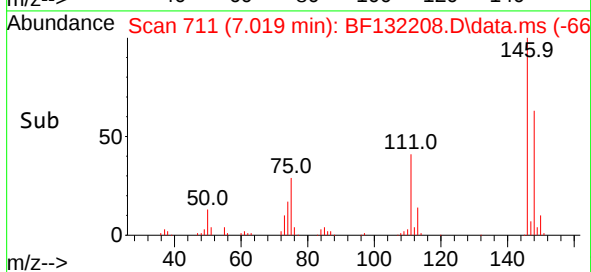
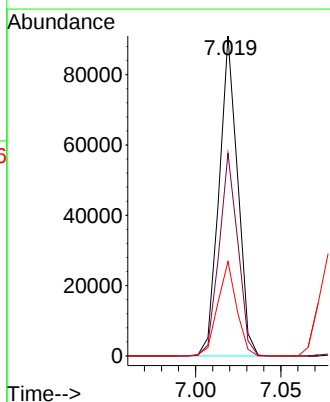
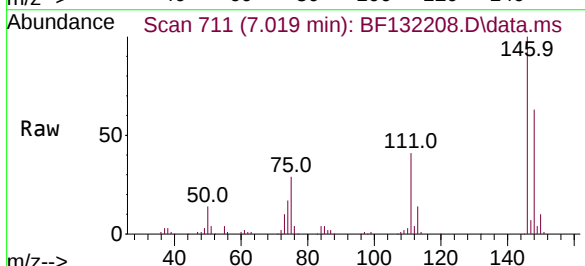
Manual Integrations
APPROVED

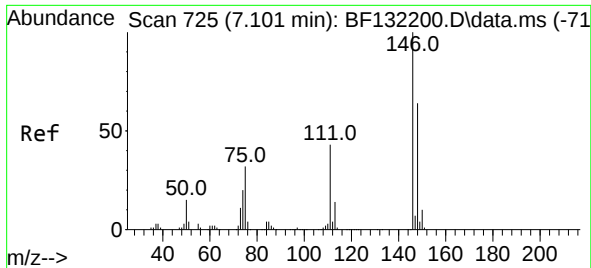
Reviewed By :Christian Giraldo 01/30/2023
Supervised By :Jagrut Upadhyay 01/30/2023



#12
1,3-Dichlorobenzene
Concen: 4.497 ng
RT: 7.019 min Scan# 711
Delta R.T. -0.006 min
Lab File: BF132208.D
Acq: 27 Jan 2023 20:29

Tgt Ion:146 Resp: 68681
Ion Ratio Lower Upper
146 100
148 63.3 51.3 76.9
75 29.5 25.4 38.2





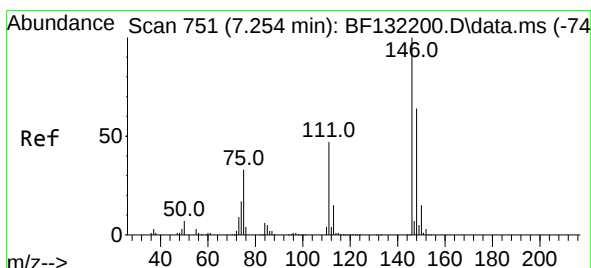
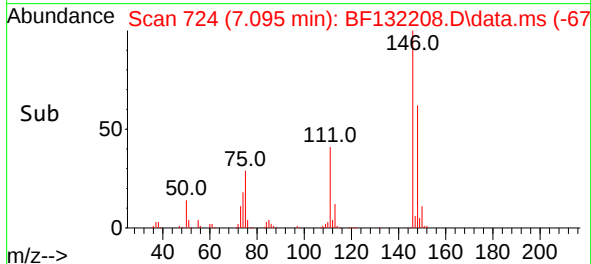
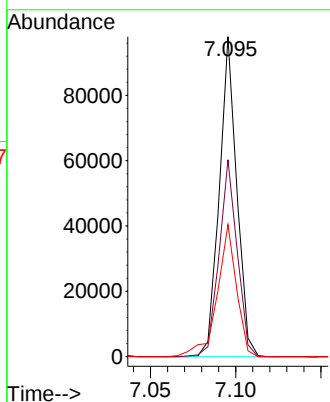
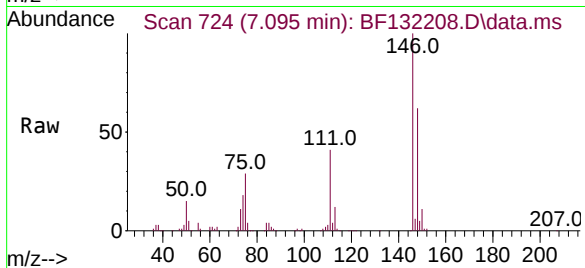
#13
1,4-Dichlorobenzene
Concen: 4.575 ng
RT: 7.095 min Scan# 71
Delta R.T. -0.006 min
Lab File: BF132208.D
Acq: 27 Jan 2023 20:29

Instrument :
BNA_F
ClientSampleId :
LOD-MDL-WATER-01-QT3-2022

Tgt Ion:146 Resp: 6965
Ion Ratio Lower Upper
146 100
148 61.5 50.9 76.3
111 41.3 34.2 51.4

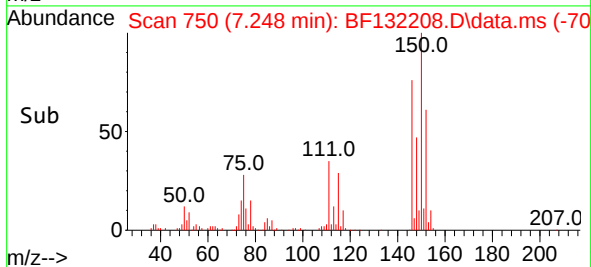
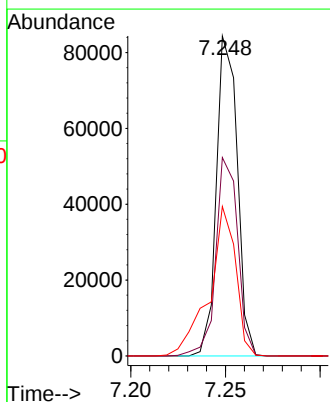
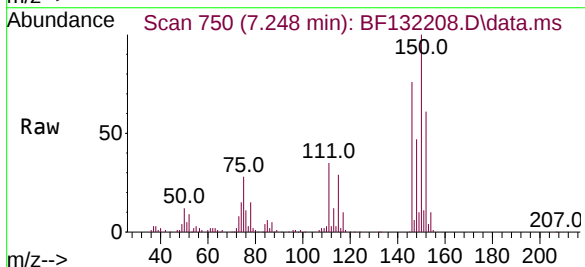
Manual Integrations
APPROVED

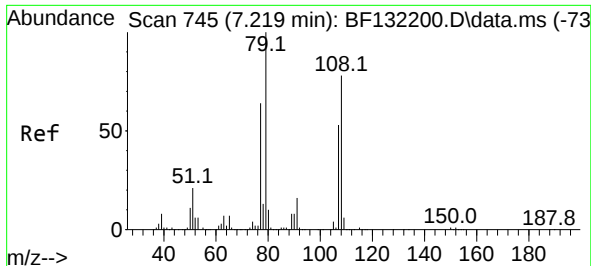
Reviewed By :Christian Giraldo 01/30/2023
Supervised By :Jagrut Upadhyay 01/30/2023



#14
1,2-Dichlorobenzene
Concen: 4.575 ng
RT: 7.248 min Scan# 750
Delta R.T. -0.006 min
Lab File: BF132208.D
Acq: 27 Jan 2023 20:29

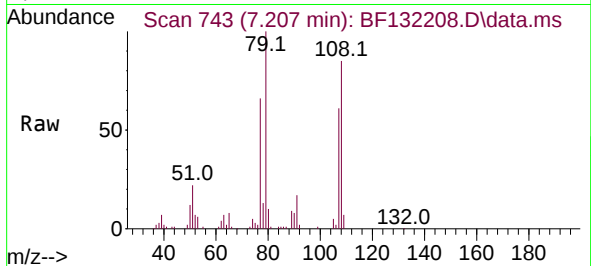
Tgt Ion:146 Resp: 64706
Ion Ratio Lower Upper
146 100
148 62.0 51.5 77.3
111 46.7 37.5 56.3





#15
Benzyl Alcohol
Concen: 5.004 ng m
RT: 7.207 min Scan# 745
Delta R.T. -0.012 min
Lab File: BF132208.D
Acq: 27 Jan 2023 20:29

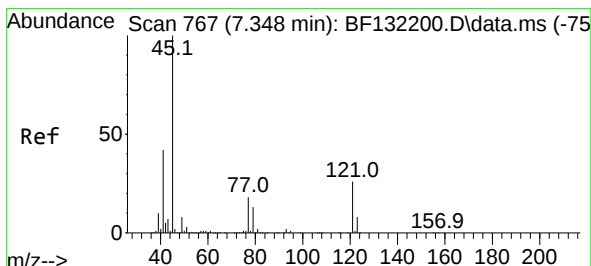
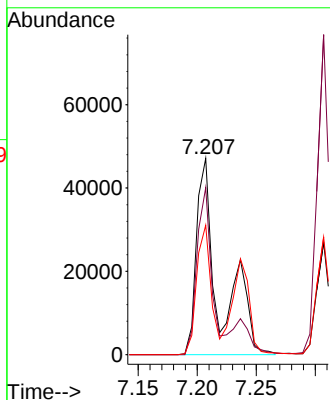
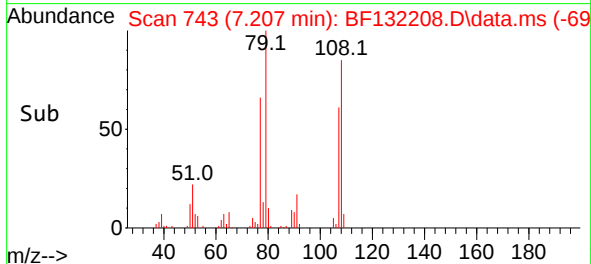
Instrument : BNA_F
ClientSampleId :
LOD-MDL-WATER-01-QT3-2022



Tgt Ion: 79 Resp: 63165
Ion Ratio Lower Upper
79 100
108 85.1 62.2 93.4
77 65.9 51.5 77.3

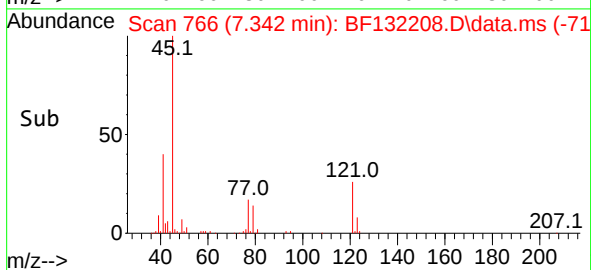
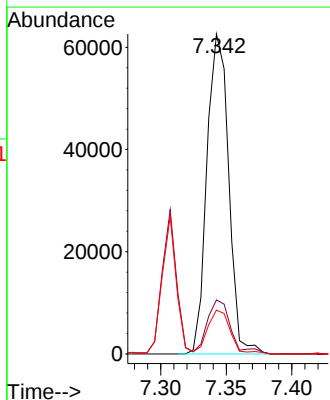
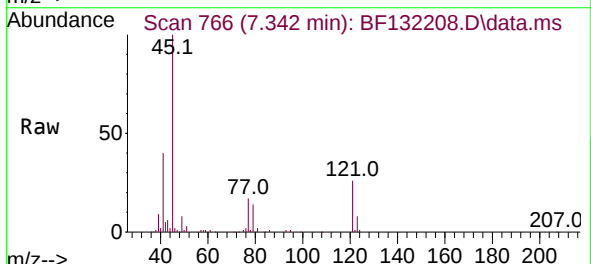
Manual Integrations
APPROVED

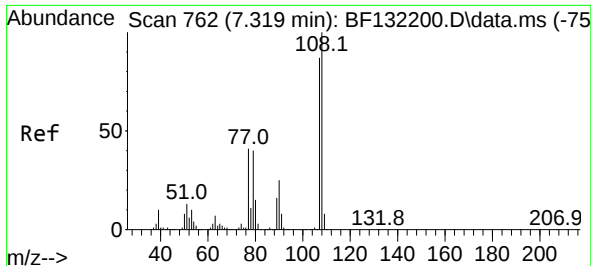
Reviewed By :Christian Giraldo 01/30/2023
Supervised By :Jagrut Upadhyay 01/30/2023



#16
2,2'-oxybis(1-Chloropropane)
Concen: 4.121 ng
RT: 7.342 min Scan# 766
Delta R.T. -0.006 min
Lab File: BF132208.D
Acq: 27 Jan 2023 20:29

Tgt Ion: 45 Resp: 72192
Ion Ratio Lower Upper
45 100
77 16.9 0.0 38.0
79 13.7 0.0 32.9





#17

2-Methylphenol

Concen: 3.836 ng

RT: 7.307 min Scan# 760

Delta R.T. -0.012 min

Lab File: BF132208.D

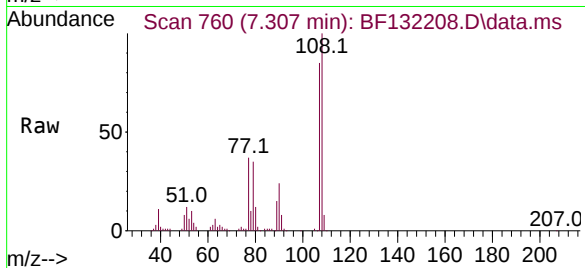
Acq: 27 Jan 2023 20:29

Instrument :

BNA_F

ClientSampleId :

LOD-MDL-WATER-01-QT3-2022



Tgt Ion:107 Resp: 4791

Ion Ratio Lower Upper

107 100

108 117.3 92.2 138.4

77 43.1 37.5 56.3

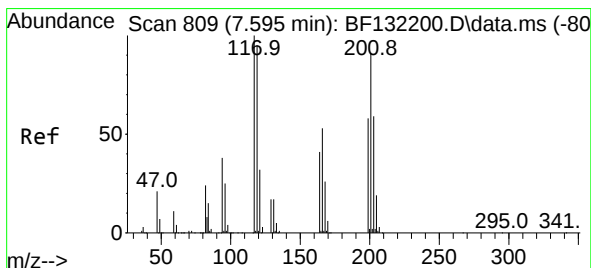
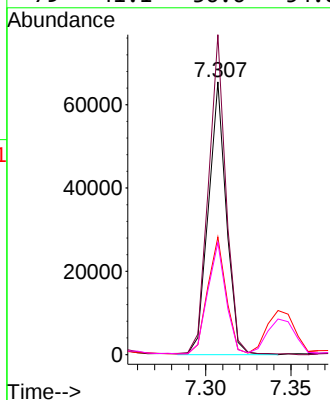
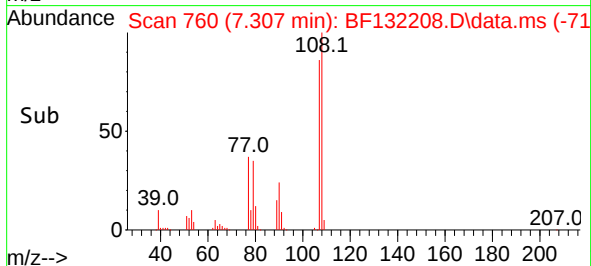
79 41.1 36.6 54.8

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 01/30/2023

Supervised By :Jagrut Upadhyay 01/30/2023



#18

Hexachloroethane

Concen: 4.333 ng

RT: 7.595 min Scan# 809

Delta R.T. 0.000 min

Lab File: BF132208.D

Acq: 27 Jan 2023 20:29

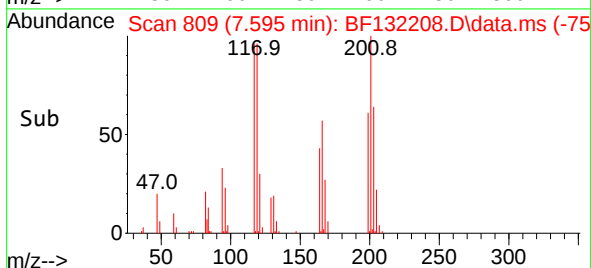
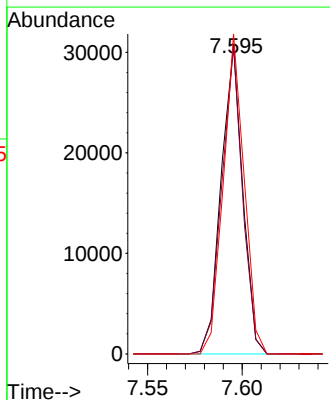
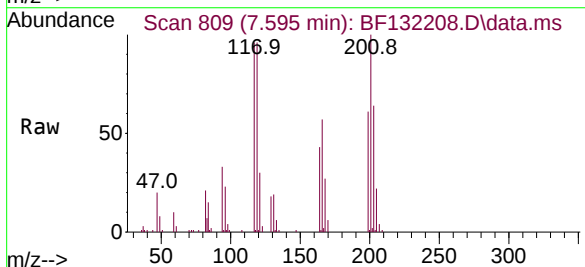
Tgt Ion:117 Resp: 24241

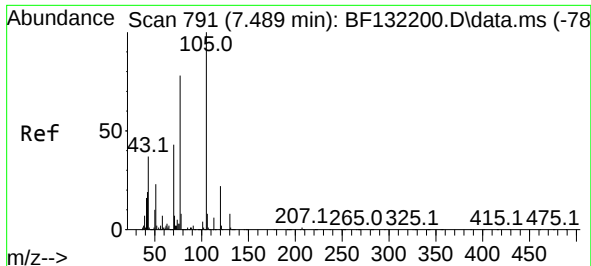
Ion Ratio Lower Upper

117 100

119 99.9 76.0 114.0

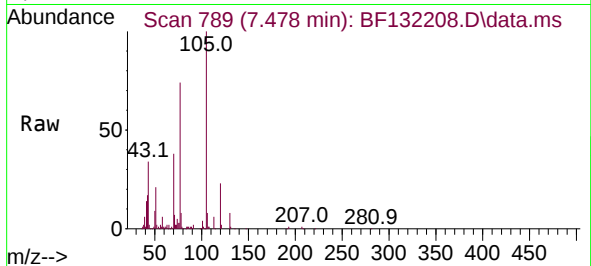
201 103.8 72.9 109.3





#19
n-Nitroso-di-n-propylamine
Concen: 4.093 ng
RT: 7.478 min Scan# 789
Delta R.T. -0.012 min
Lab File: BF132208.D
Acq: 27 Jan 2023 20:29

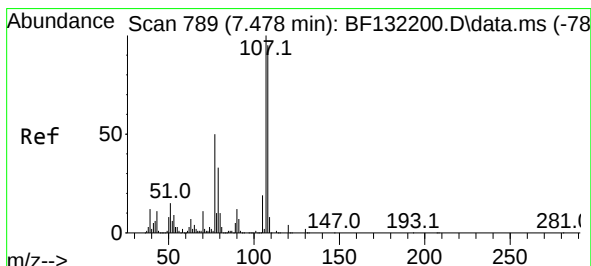
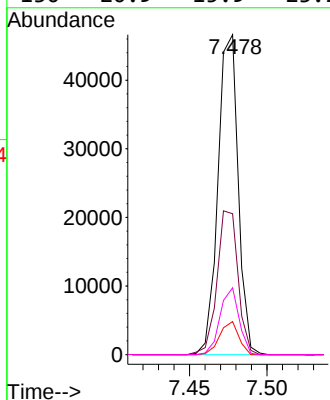
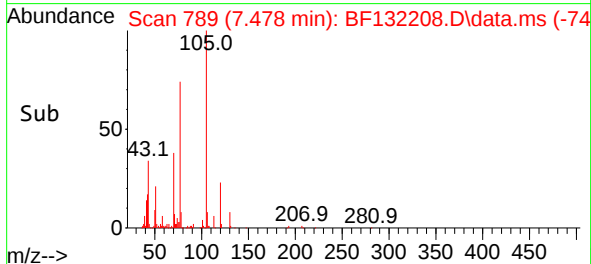
Instrument :
BNA_F
ClientSampleId :
LOD-MDL-WATER-01-QT3-2022



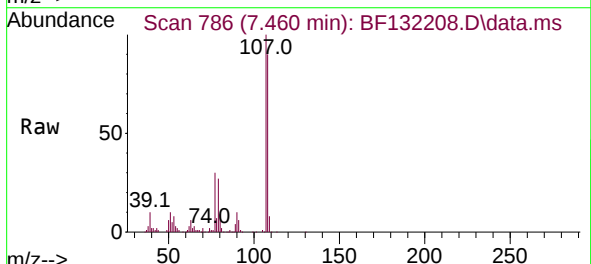
Tgt Ion: 70 Resp: 4232
Ion Ratio Lower Upper
70 100
42 44.0 36.2 54.4
101 10.3 7.9 11.9
130 20.9 15.9 23.9

Manual Integrations
APPROVED

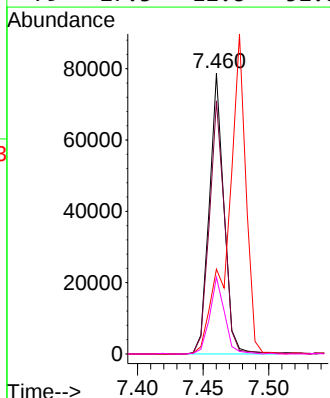
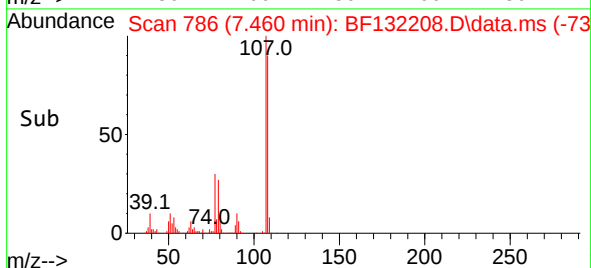
Reviewed By :Christian Giraldo 01/30/2023
Supervised By :Jagrut Upadhyay 01/30/2023

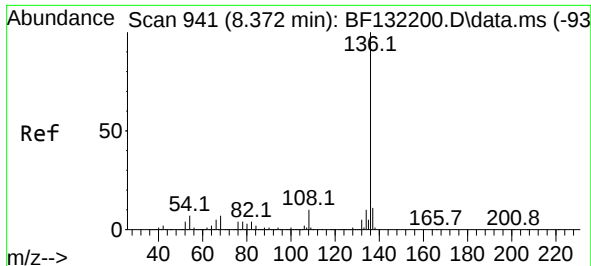


#20
3+4-Methylphenols
Concen: 3.918 ng
RT: 7.460 min Scan# 786
Delta R.T. -0.018 min
Lab File: BF132208.D
Acq: 27 Jan 2023 20:29



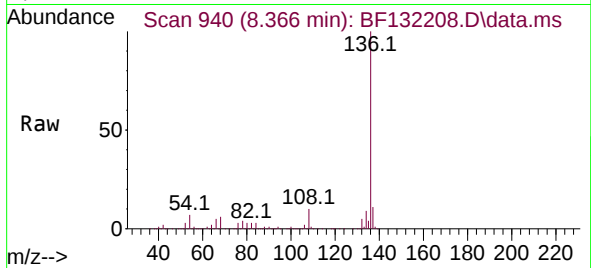
Tgt Ion:107 Resp: 61509
Ion Ratio Lower Upper
107 100
108 90.1 75.1 115.1
77 30.2 29.6 69.6
79 27.3 12.8 52.8





#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.366 min Scan# 941
Delta R.T. -0.006 min
Lab File: BF132208.D
Acq: 27 Jan 2023 20:29

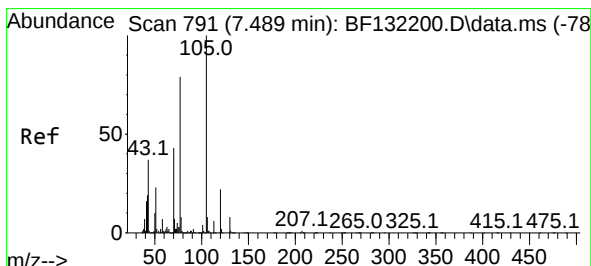
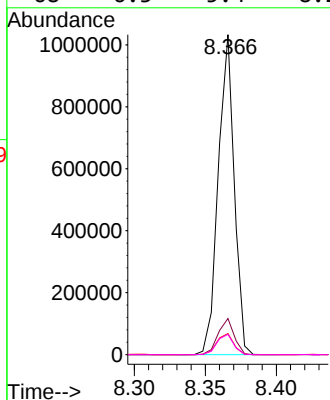
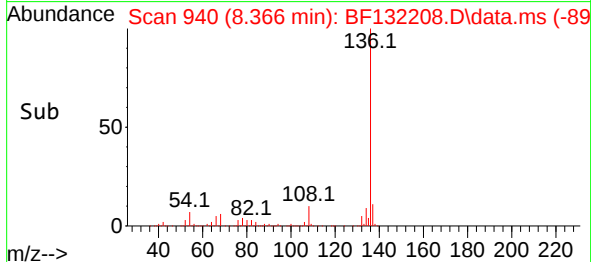
Instrument :
BNA_F
ClientSampleId :
LOD-MDL-WATER-01-QT3-2022



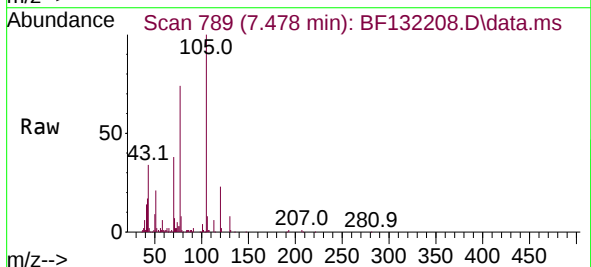
Tgt Ion:136 Resp: 811859
Ion Ratio Lower Upper
136 100
137 11.3 9.0 13.4
54 6.6 5.4 8.2
68 6.3 5.4 8.2

Manual Integrations
APPROVED

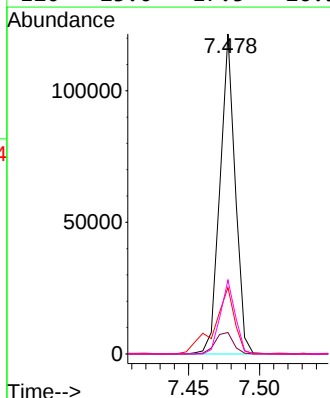
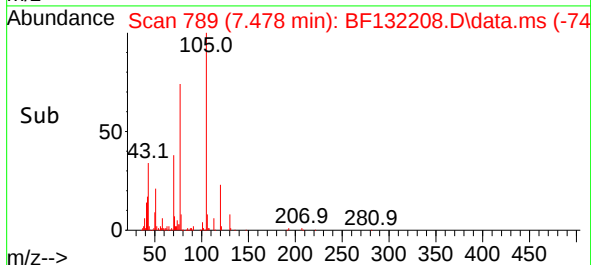
Reviewed By :Christian Giraldo 01/30/2023
Supervised By :Jagrut Upadhyay 01/30/2023

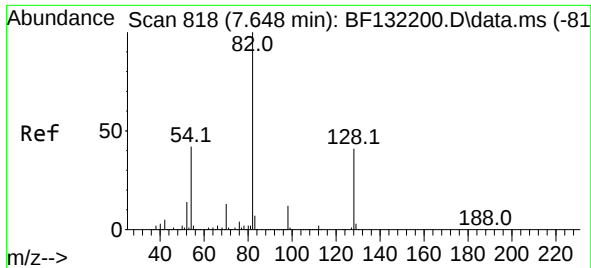


#22
Acetophenone
Concen: 4.572 ng
RT: 7.478 min Scan# 789
Delta R.T. -0.012 min
Lab File: BF132208.D
Acq: 27 Jan 2023 20:29



Tgt Ion:105 Resp: 90763
Ion Ratio Lower Upper
105 100
71 6.7 5.7 8.5
51 20.7 18.1 27.1
120 23.0 17.5 26.3





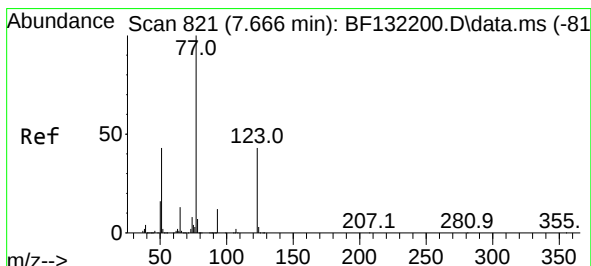
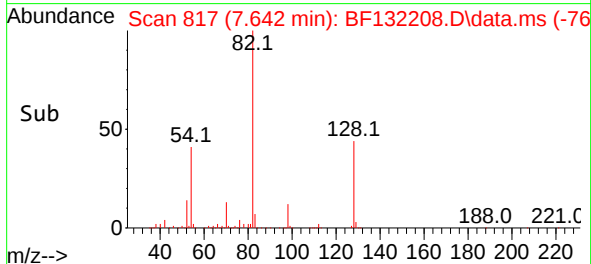
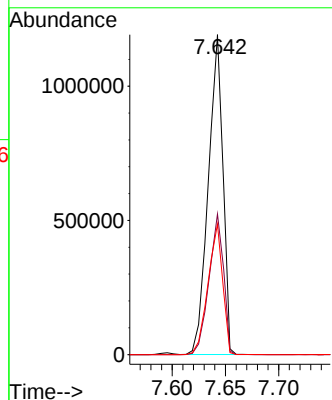
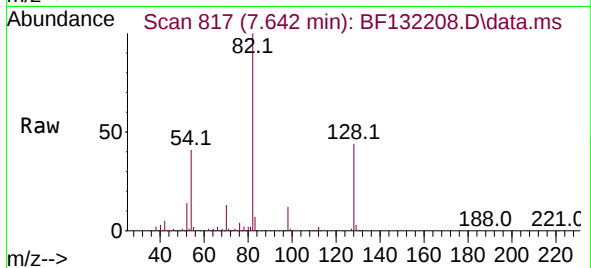
#23
Nitrobenzene-d5
Concen: 73.462 ng
RT: 7.642 min Scan# 81
Delta R.T. -0.006 min
Lab File: BF132208.D
Acq: 27 Jan 2023 20:29

Instrument :
BNA_F
ClientSampleId :
LOD-MDL-WATER-01-QT3-2022

Tgt Ion: 82 Resp: 1139218
Ion Ratio Lower Upper
82 100
128 43.9 32.7 49.1
54 40.8 33.3 49.9

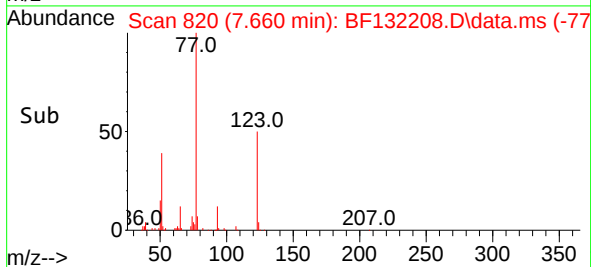
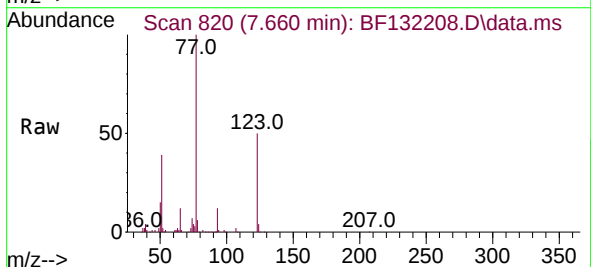
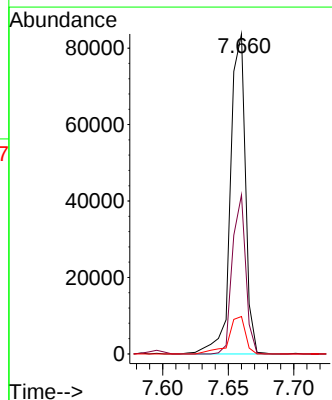
Manual Integrations
APPROVED

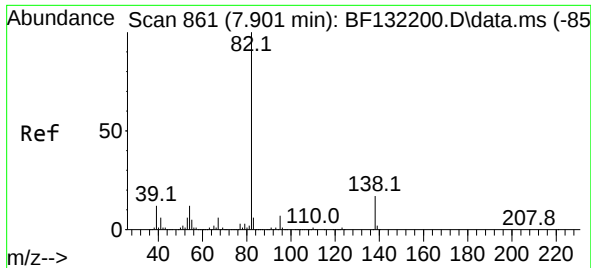
Reviewed By :Christian Giraldo 01/30/2023
Supervised By :Jagrut Upadhyay 01/30/2023



#24
Nitrobenzene
Concen: 4.159 ng
RT: 7.660 min Scan# 820
Delta R.T. -0.006 min
Lab File: BF132208.D
Acq: 27 Jan 2023 20:29

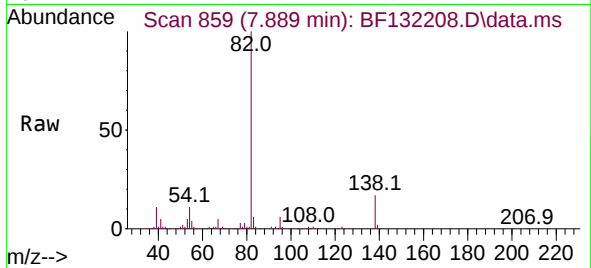
Tgt Ion: 77 Resp: 66674
Ion Ratio Lower Upper
77 100
123 49.7 34.8 52.2
65 11.7 10.5 15.7





#25
Isophorone
Concen: 3.901 ng
RT: 7.889 min Scan# 81
Delta R.T. -0.012 min
Lab File: BF132208.D
Acq: 27 Jan 2023 20:29

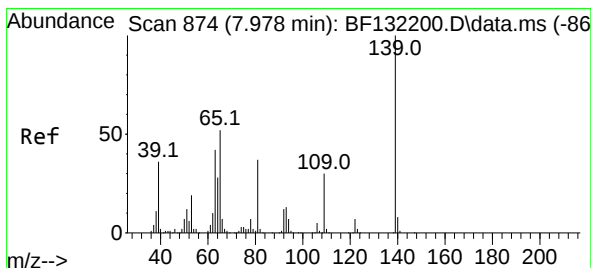
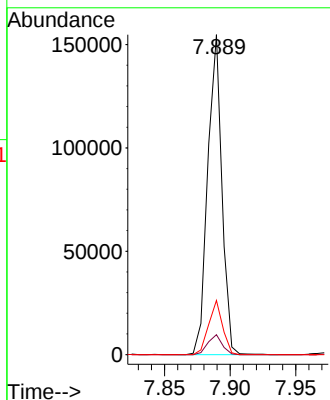
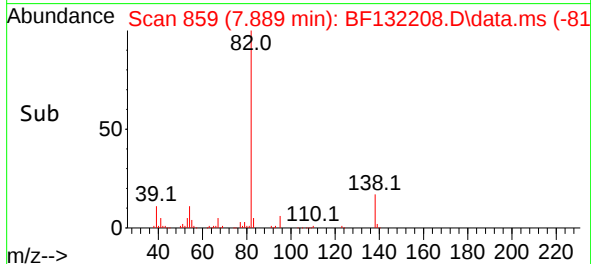
Instrument :
BNA_F
ClientSampleId :
LOD-MDL-WATER-01-QT3-2022



Tgt Ion: 82 Resp: 116328
Ion Ratio Lower Upper
82 100
95 6.2 5.6 8.4
138 16.9 13.4 20.0

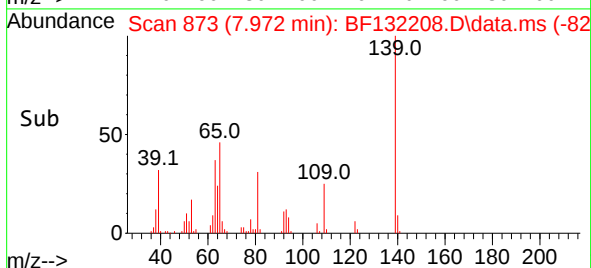
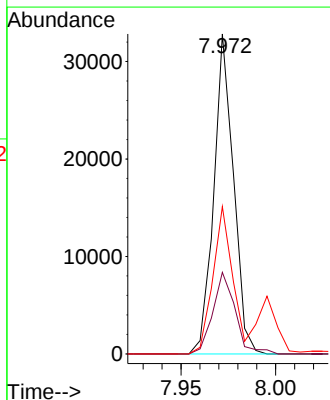
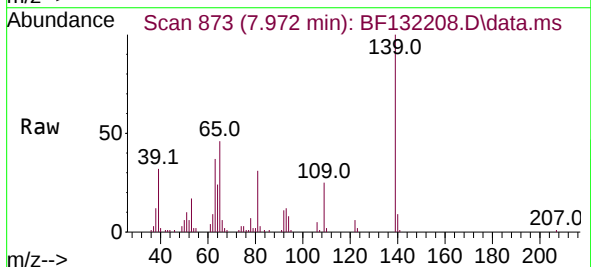
Manual Integrations
APPROVED

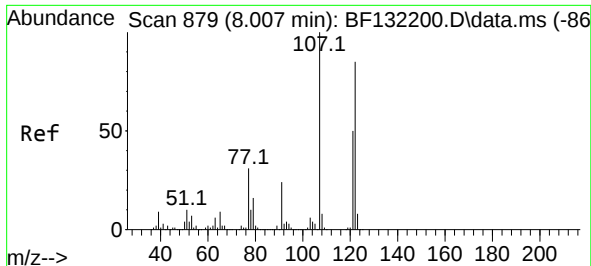
Reviewed By :Christian Giraldo 01/30/2023
Supervised By :Jagrut Upadhyay 01/30/2023



#26
2-Nitrophenol
Concen: 5.900 ng
RT: 7.972 min Scan# 873
Delta R.T. -0.006 min
Lab File: BF132208.D
Acq: 27 Jan 2023 20:29

Tgt Ion:139 Resp: 23760
Ion Ratio Lower Upper
139 100
109 25.5 24.2 36.4
65 46.0 41.6 62.4





#27

2,4-Dimethylphenol

Concen: 3.968 ng

RT: 7.995 min Scan# 81

Delta R.T. -0.012 min

Lab File: BF132208.D

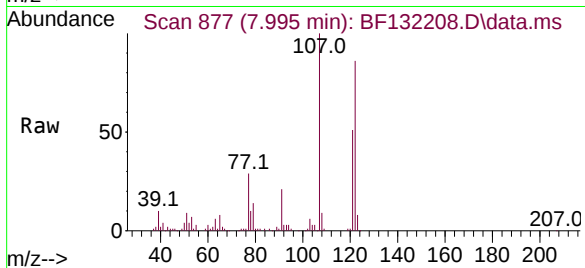
Acq: 27 Jan 2023 20:29

Instrument :

BNA_F

ClientSampleId :

LOD-MDL-WATER-01-QT3-2022

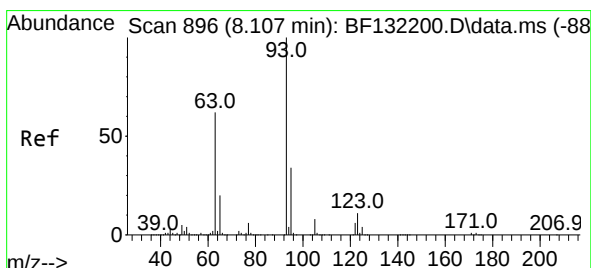
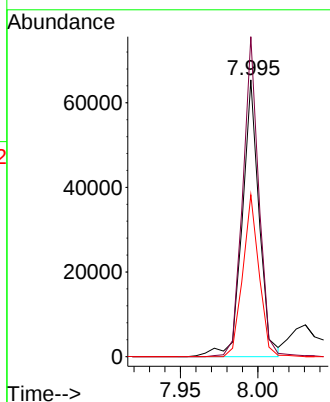
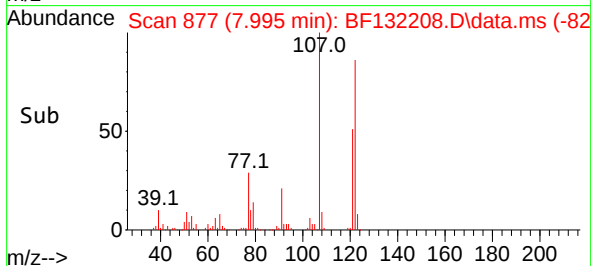


Tgt Ion:	122	Resp:	4948
Ion	Ratio	Lower	Upper
122	100		
107	115.6	94.1	141.1
121	58.5	46.6	70.0

Manual Integrations

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Reviewed By :Christian Giraldo 01/30/2023
Supervised By :Jagrut Upadhyay 01/30/2023



#28

bis(2-Chloroethoxy)methane

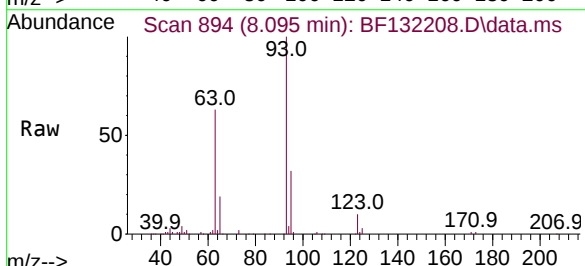
Concen: 4.184 ng

RT: 8.095 min Scan# 894

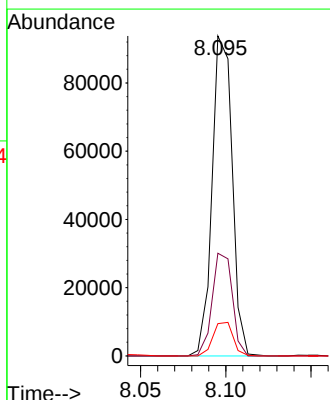
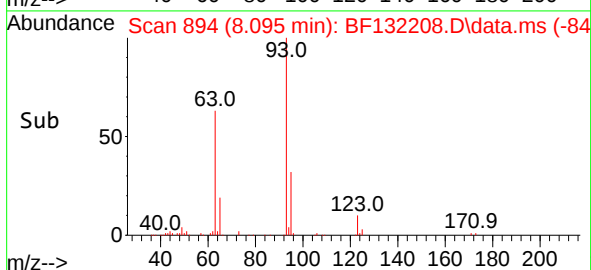
Delta R.T. -0.012 min

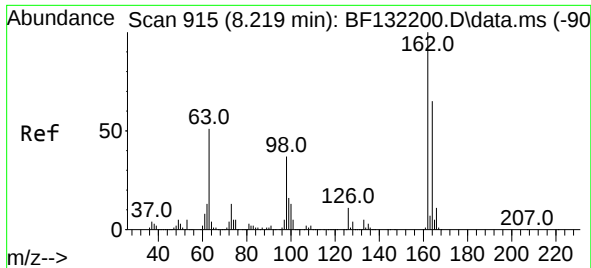
Lab File: BF132208.D

Acq: 27 Jan 2023 20:29



Tgt Ion:	93	Resp:	76830
Ion	Ratio	Lower	Upper
93	100		
95	32.1	27.0	40.4
123	10.1	8.9	13.3





#29

2,4-Dichlorophenol

Concen: 4.093 ng

RT: 8.207 min Scan# 915

Delta R.T. -0.012 min

Lab File: BF132208.D

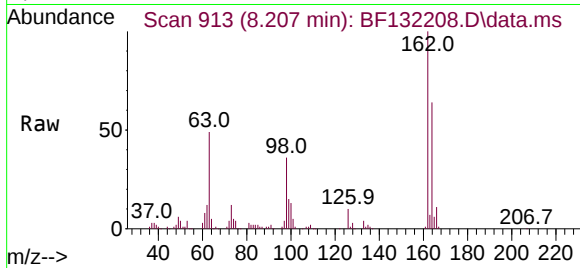
Acq: 27 Jan 2023 20:29

Instrument :

BNA_F

ClientSampleId :

LOD-MDL-WATER-01-QT3-2022



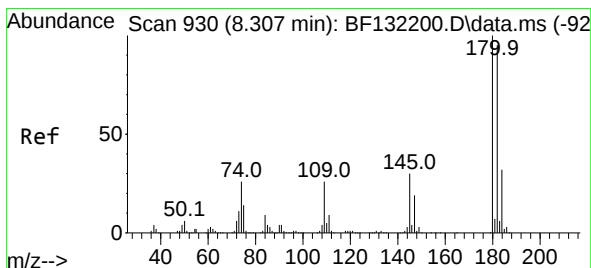
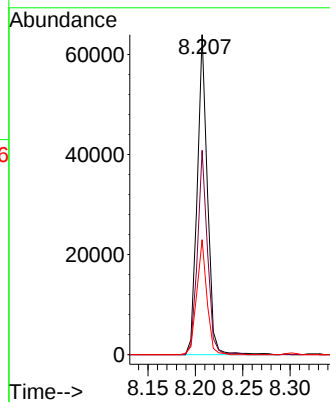
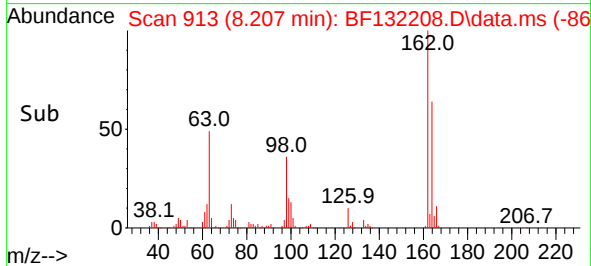
Tgt Ion:	162	Resp:	47662
Ion Ratio	Lower	Upper	
162	100		
164	63.8	44.6	84.6
98	35.9	17.3	57.3

Manual Integrations

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Supervised By :Jagrut Upadhyay 01/30/2023



#30

1,2,4-Trichlorobenzene

Concen: 4.300 ng

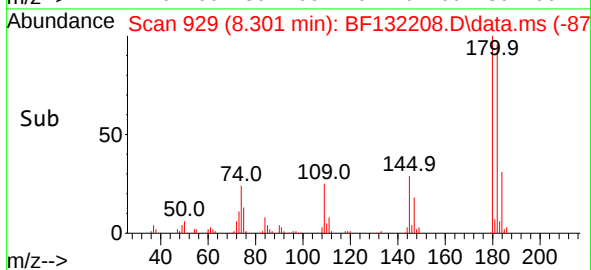
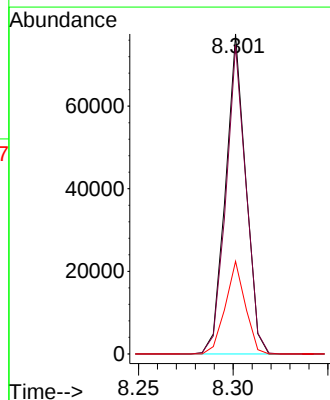
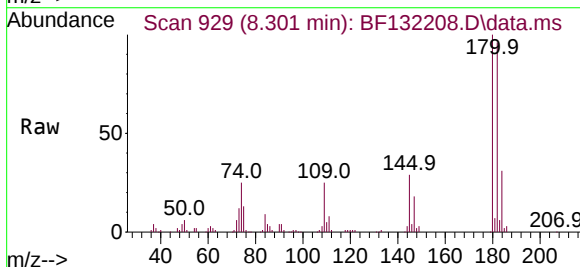
RT: 8.301 min Scan# 929

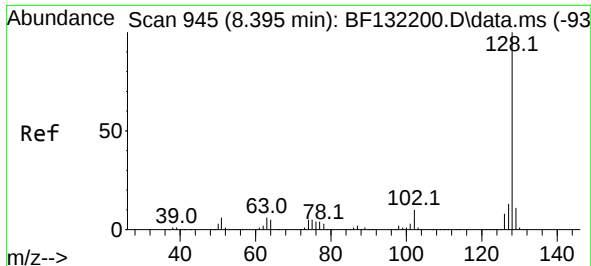
Delta R.T. -0.006 min

Lab File: BF132208.D

Acq: 27 Jan 2023 20:29

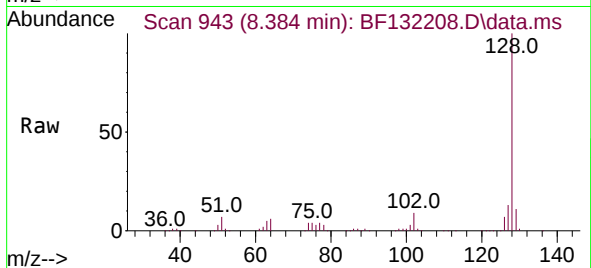
Tgt Ion:	180	Resp:	57524
Ion Ratio	Lower	Upper	
180	100		
182	96.4	75.7	113.5
145	28.9	23.9	35.9





#31
Naphthalene
Concen: 4.525 ng
RT: 8.384 min Scan# 945
Delta R.T. -0.012 min
Lab File: BF132208.D
Acq: 27 Jan 2023 20:29

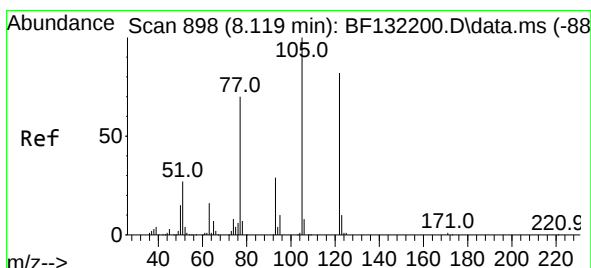
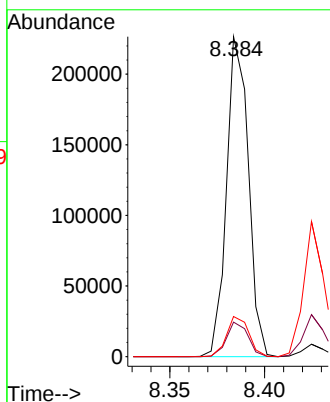
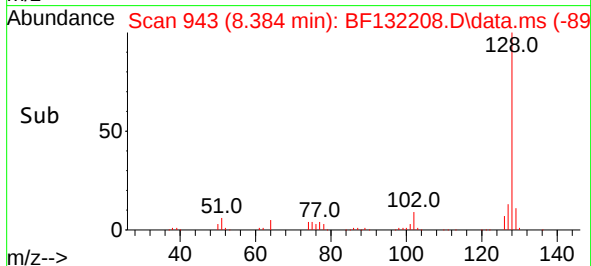
Instrument : BNA_F
ClientSampleId :
LOD-MDL-WATER-01-QT3-2022



Tgt Ion:128 Resp: 181762
Ion Ratio Lower Upper
128 100
129 10.8 9.0 13.6
127 12.5 10.6 16.0

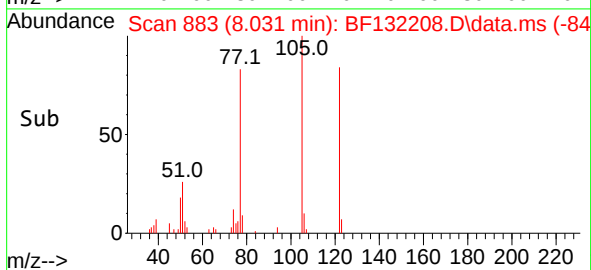
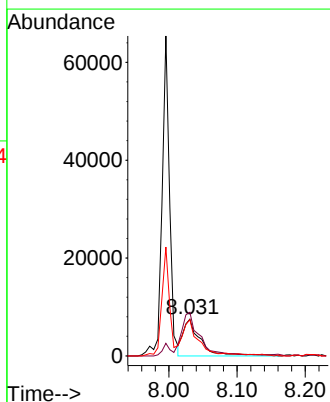
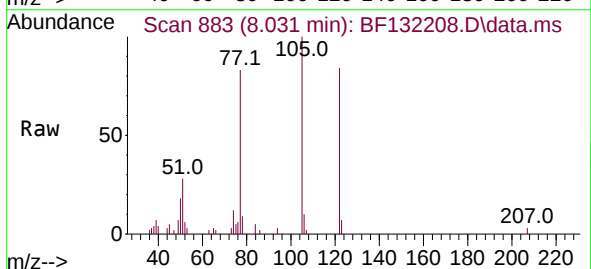
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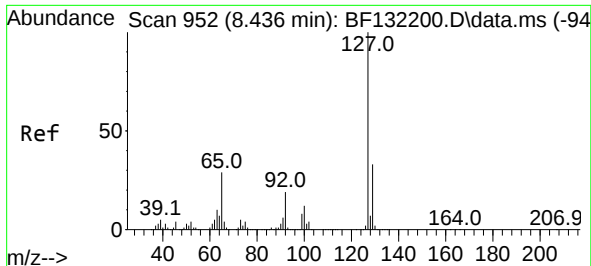
Reviewed By :Christian Giraldo 01/30/2023
Supervised By :Jagrut Upadhyay 01/30/2023



#32
Benzoic acid
Concen: 8.669 ng
RT: 8.031 min Scan# 883
Delta R.T. -0.088 min
Lab File: BF132208.D
Acq: 27 Jan 2023 20:29

Tgt Ion:122 Resp: 13520
Ion Ratio Lower Upper
122 100
105 118.7 101.5 141.5
77 98.8 66.5 106.5





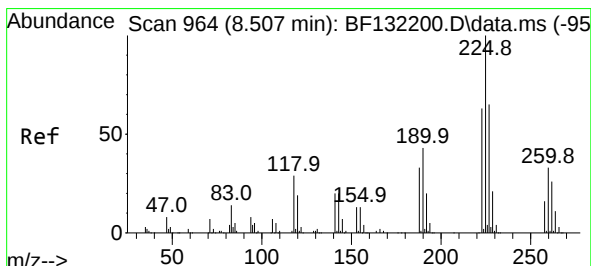
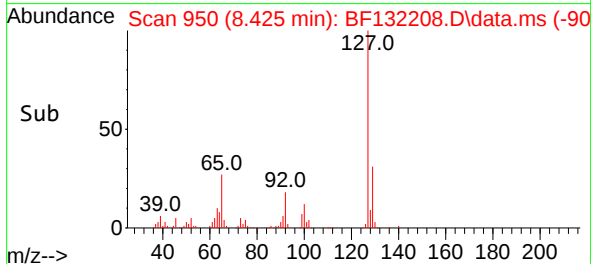
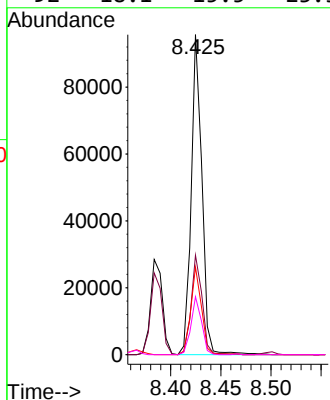
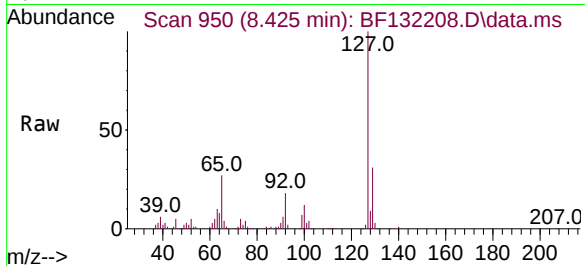
#33
4-Chloroaniline
Concen: 4.095 ng
RT: 8.425 min Scan# 91
Delta R.T. -0.012 min
Lab File: BF132208.D
Acq: 27 Jan 2023 20:29

Instrument :
BNA_F
ClientSampleId :
LOD-MDL-WATER-01-QT3-2022

Tgt Ion:	127	Resp:	71304
Ion	Ratio	Lower	Upper
127	100		
129	31.1	26.6	39.8
65	27.3	22.9	34.3
92	18.1	15.5	23.3

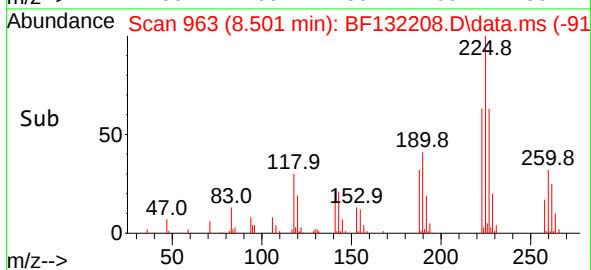
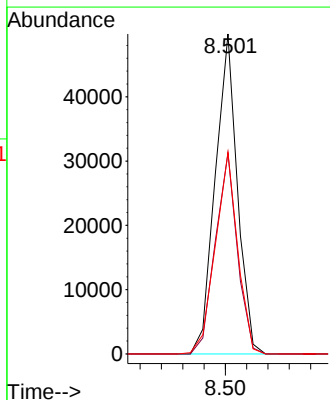
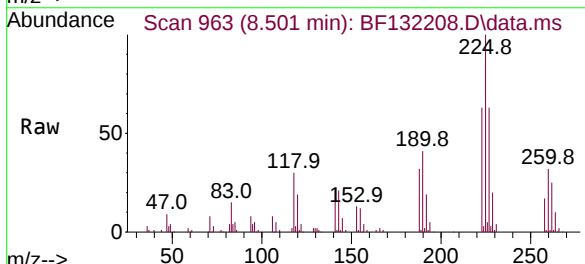
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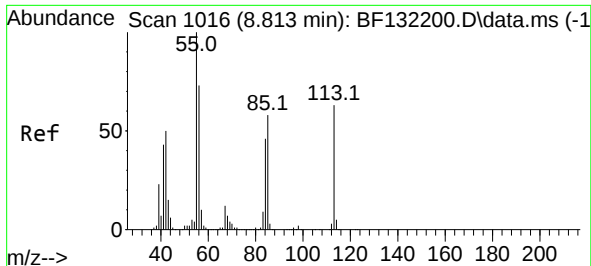
Reviewed By :Christian Giraldo 01/30/2023
Supervised By :Jagrut Upadhyay 01/30/2023



#34
Hexachlorobutadiene
Concen: 4.297 ng
RT: 8.501 min Scan# 963
Delta R.T. -0.006 min
Lab File: BF132208.D
Acq: 27 Jan 2023 20:29

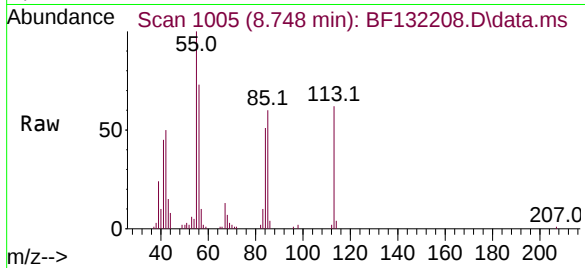
Tgt Ion:	225	Resp:	35912
Ion	Ratio	Lower	Upper
225	100		
223	62.8	50.2	75.2
227	62.9	52.1	78.1





#35
Caprolactam
Concen: 3.626 ng
RT: 8.748 min Scan# 1005
Delta R.T. -0.065 min
Lab File: BF132208.D
Acq: 27 Jan 2023 20:29

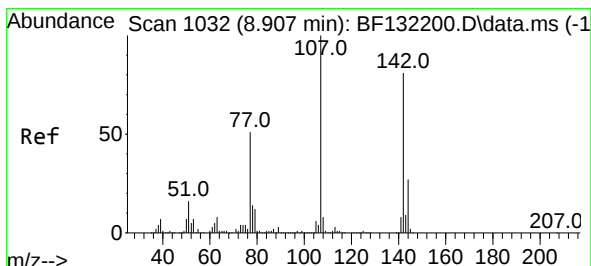
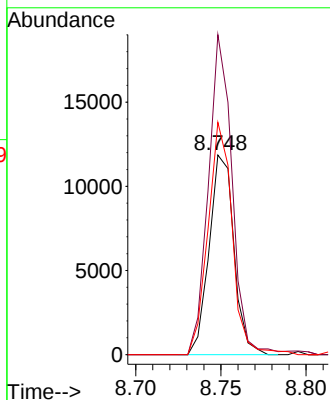
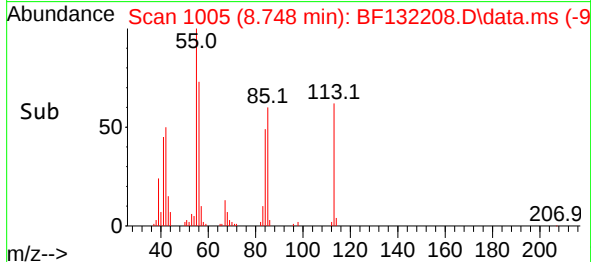
Instrument :
BNA_F
ClientSampleId :
LOD-MDL-WATER-01-QT3-2022



Tgt Ion:113 Resp: 1195
Ion Ratio Lower Upper
113 100
55 160.3 138.7 178.7
56 116.3 96.5 136.5

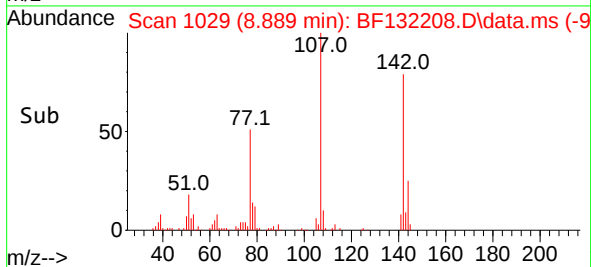
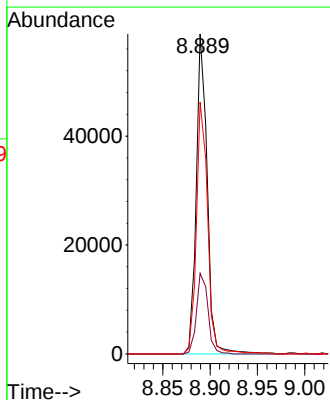
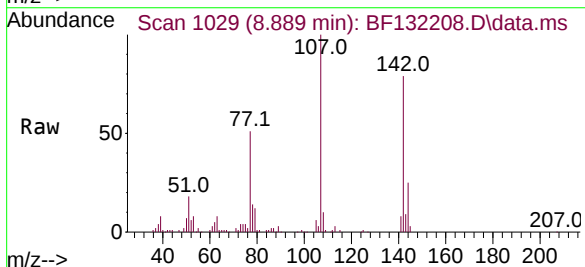
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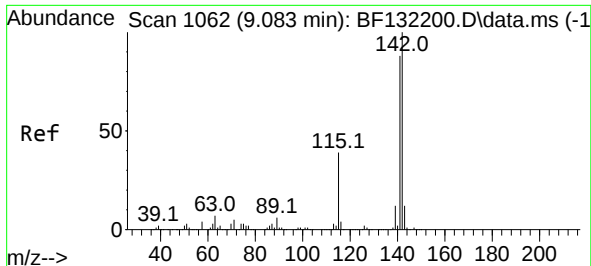
Reviewed By :Christian Giraldo 01/30/2023
Supervised By :Jagrut Upadhyay 01/30/2023



#36
4-Chloro-3-methylphenol
Concen: 3.937 ng
RT: 8.889 min Scan# 1029
Delta R.T. -0.018 min
Lab File: BF132208.D
Acq: 27 Jan 2023 20:29

Tgt Ion:107 Resp: 46947
Ion Ratio Lower Upper
107 100
144 25.2 21.6 32.4
142 78.7 64.8 97.2





#37

2-Methylnaphthalene

Concen: 4.347 ng

RT: 9.078 min Scan# 1062

Delta R.T. -0.006 min

Lab File: BF132208.D

Acq: 27 Jan 2023 20:29

Instrument :

BNA_F

ClientSampleId :

LOD-MDL-WATER-01-QT3-2022

Tgt Ion:142 Resp: 119823

Ion Ratio Lower Upper

142 100

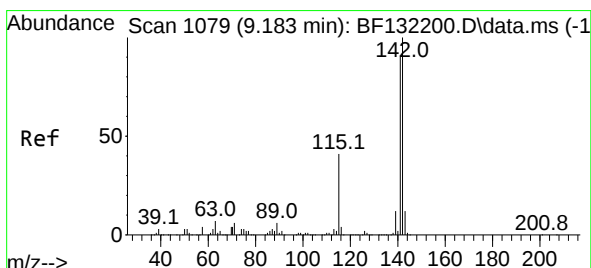
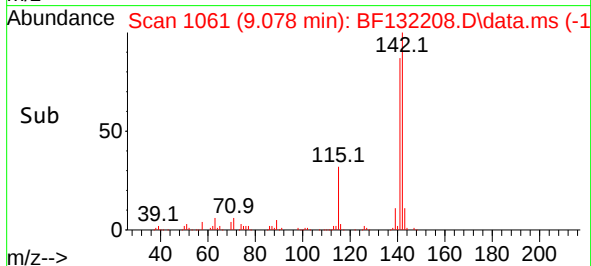
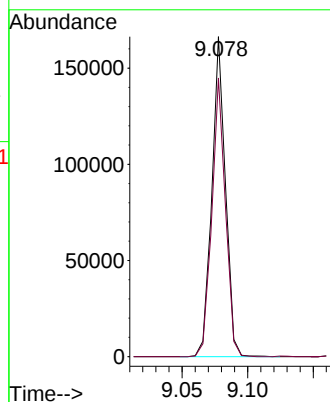
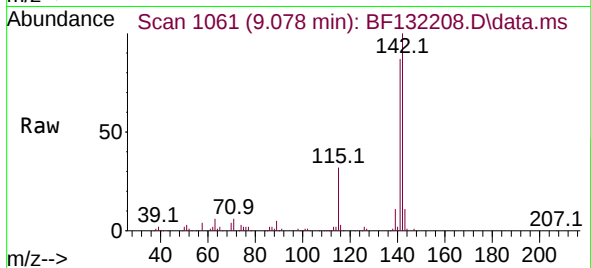
141 87.1 70.0 105.0

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Reviewed By :Christian Giraldo 01/30/2023

Supervised By :Jagrut Upadhyay 01/30/2023



#38

1-Methylnaphthalene

Concen: 4.469 ng

RT: 9.178 min Scan# 1078

Delta R.T. -0.006 min

Lab File: BF132208.D

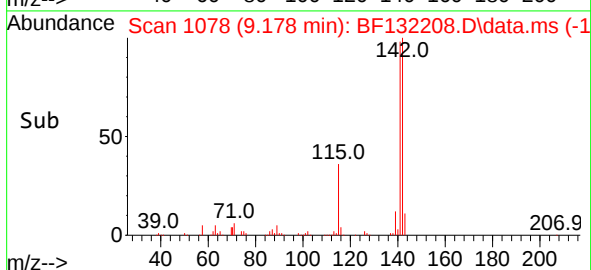
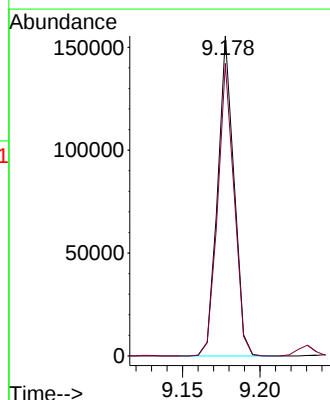
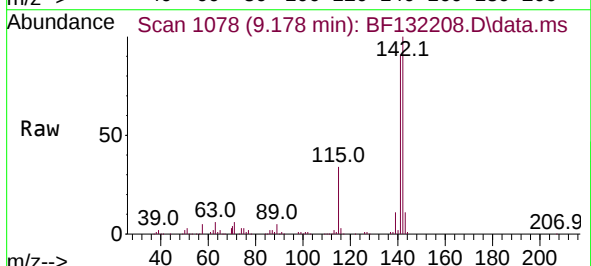
Acq: 27 Jan 2023 20:29

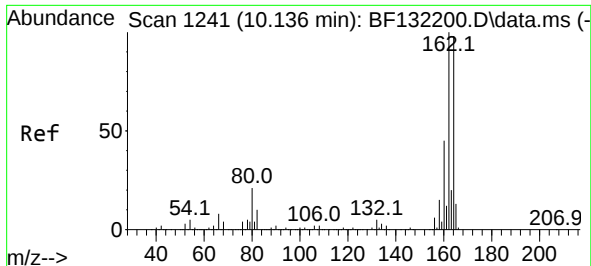
Tgt Ion:142 Resp: 114260

Ion Ratio Lower Upper

142 100

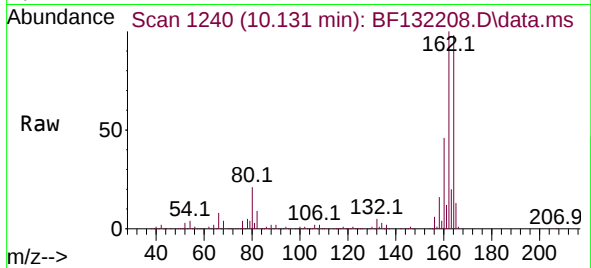
141 91.4 73.0 109.4





#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 10.131 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF132208.D
Acq: 27 Jan 2023 20:29

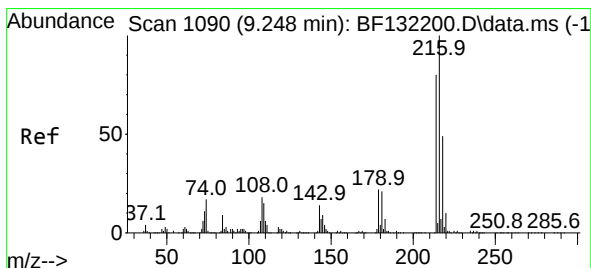
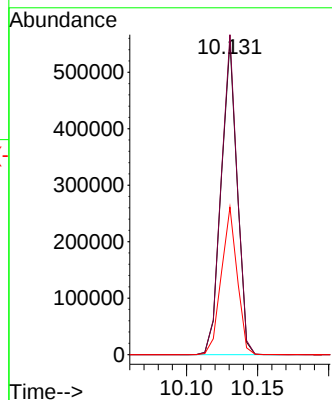
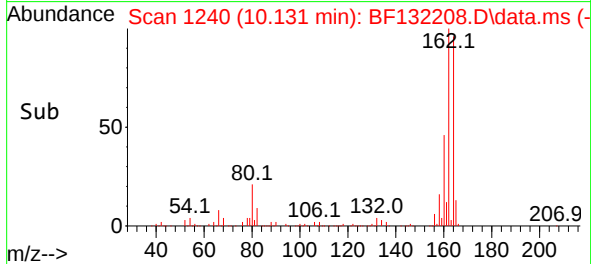
Instrument :
BNA_F
ClientSampleId :
LOD-MDL-WATER-01-QT3-2022



Tgt Ion:164 Resp: 434195
Ion Ratio Lower Upper
164 100
162 102.1 81.5 122.3
160 47.0 37.0 55.4

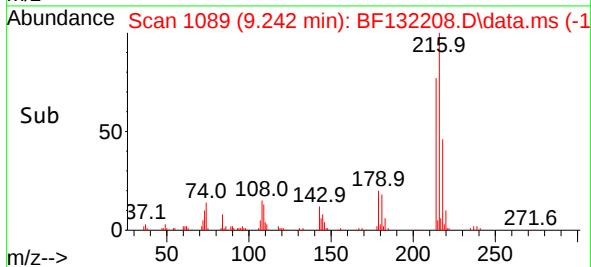
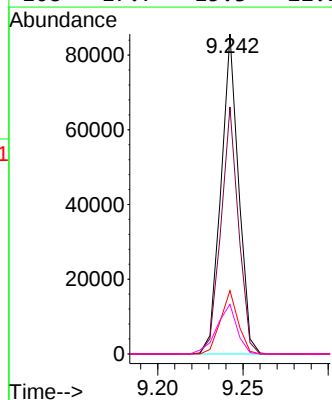
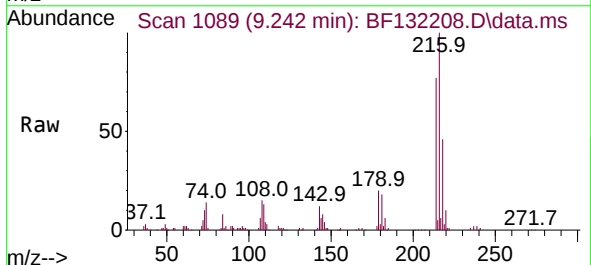
Manual Integrations
APPROVED

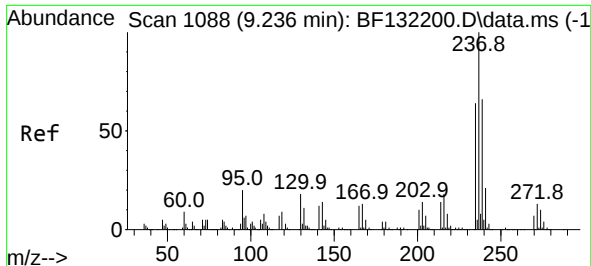
Reviewed By :Christian Giraldo 01/30/2023
Supervised By :Jagrut Upadhyay 01/30/2023



#40
1,2,4,5-Tetrachlorobenzene
Concen: 4.230 ng
RT: 9.242 min Scan# 1089
Delta R.T. -0.006 min
Lab File: BF132208.D
Acq: 27 Jan 2023 20:29

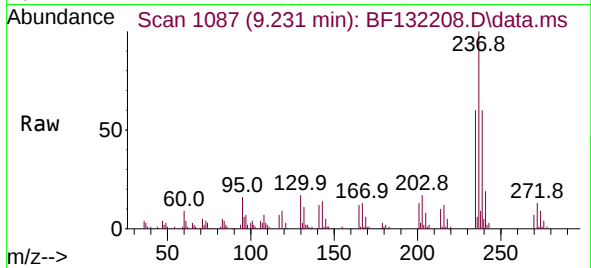
Tgt Ion:216 Resp: 61641
Ion Ratio Lower Upper
216 100
214 76.4 63.4 95.2
179 19.6 16.8 25.2
108 17.7 15.3 22.9





#41
Hexachlorocyclopentadiene
Concen: 4.002 ng
RT: 9.231 min Scan# 1087
Delta R.T. -0.005 min
Lab File: BF132208.D
Acq: 27 Jan 2023 20:29

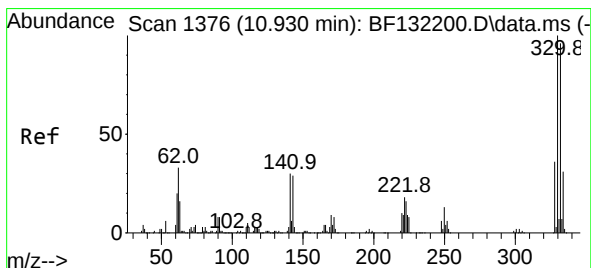
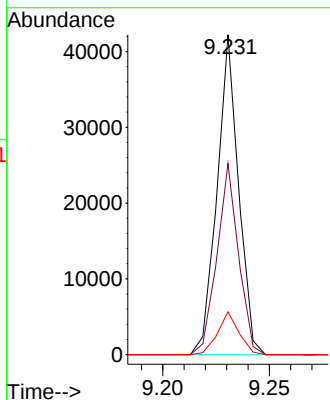
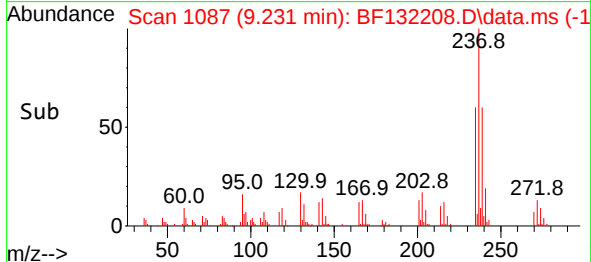
Instrument :
BNA_F
ClientSampleId :
LOD-MDL-WATER-01-QT3-2022



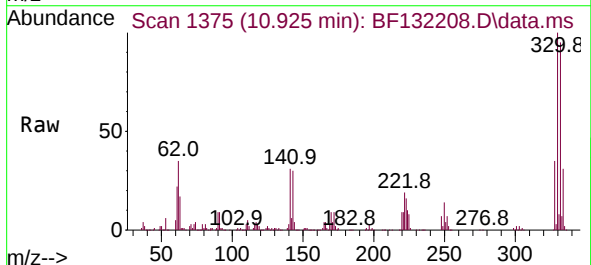
Tgt Ion: 237 Resp: 29623
Ion Ratio Lower Upper
237 100
235 59.7 43.9 83.9
272 13.4 0.0 32.6

Manual Integrations
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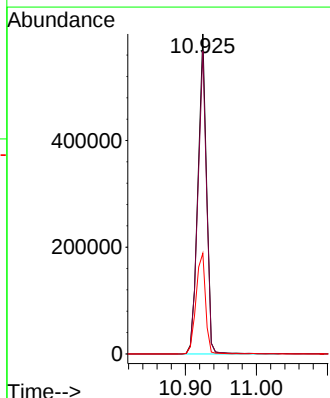
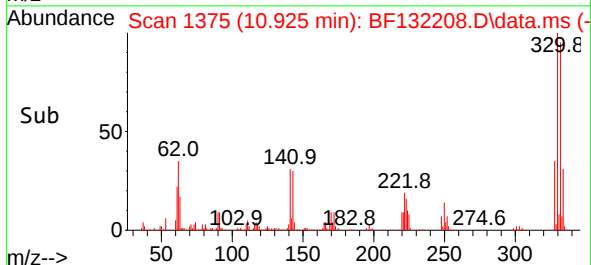
Reviewed By : Christian Giraldo 01/30/2023
Supervised By : Jagrut Upadhyay 01/30/2023

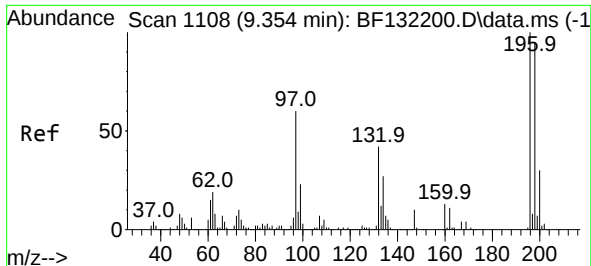


#42
2,4,6-Tribromophenol
Concen: 124.363 ng
RT: 10.925 min Scan# 1375
Delta R.T. -0.006 min
Lab File: BF132208.D
Acq: 27 Jan 2023 20:29



Tgt Ion: 330 Resp: 500010
Ion Ratio Lower Upper
330 100
332 95.3 75.7 113.5
141 34.9 30.7 46.1





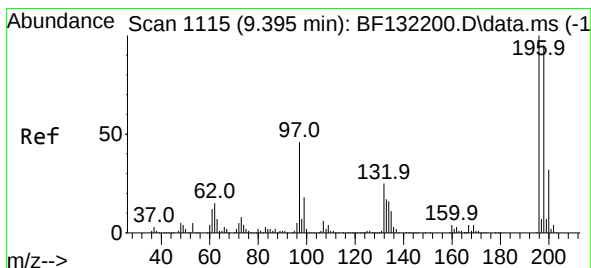
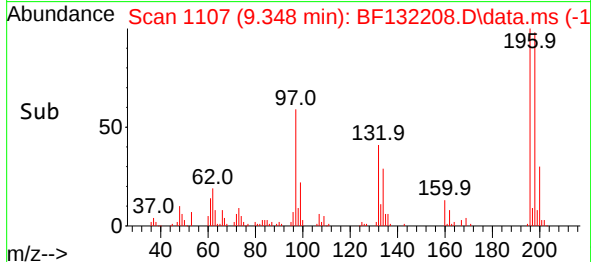
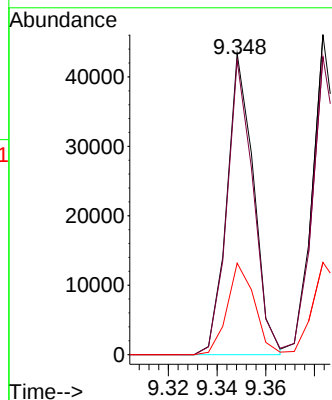
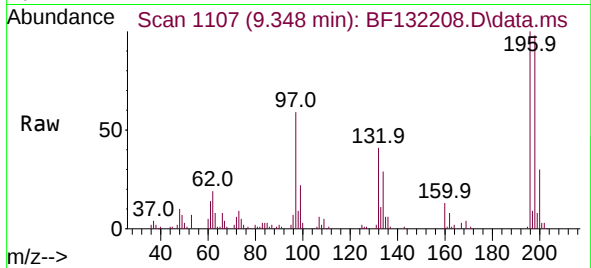
#43
2,4,6-Trichlorophenol
Concen: 3.717 ng
RT: 9.348 min Scan# 1107
Delta R.T. -0.006 min
Lab File: BF132208.D
Acq: 27 Jan 2023 20:29

Instrument :
BNA_F
ClientSampleId :
LOD-MDL-WATER-01-QT3-2022

Tgt Ion:196 Resp: 33044
Ion Ratio Lower Upper
196 100
198 97.7 76.2 114.2
200 30.3 24.0 36.0

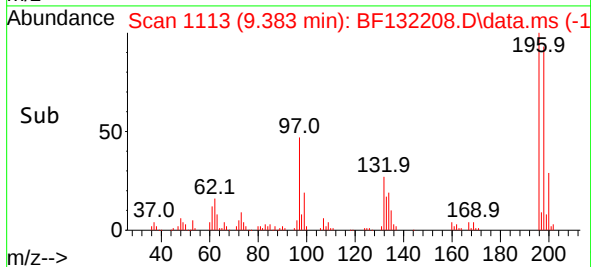
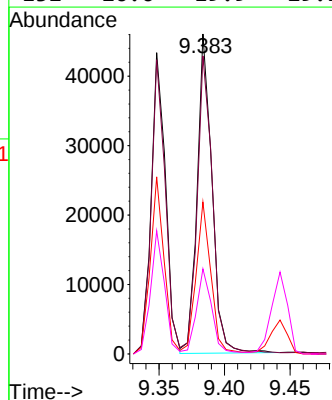
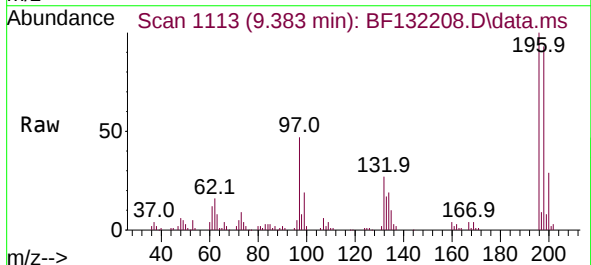
Manual Integrations
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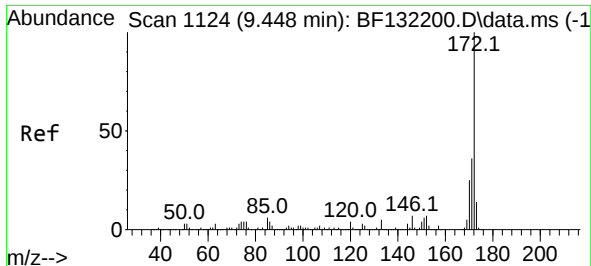
Reviewed By :Christian Giraldo 01/30/2023
Supervised By :Jagrut Upadhyay 01/30/2023



#44
2,4,5-Trichlorophenol
Concen: 3.471 ng
RT: 9.383 min Scan# 1113
Delta R.T. -0.011 min
Lab File: BF132208.D
Acq: 27 Jan 2023 20:29

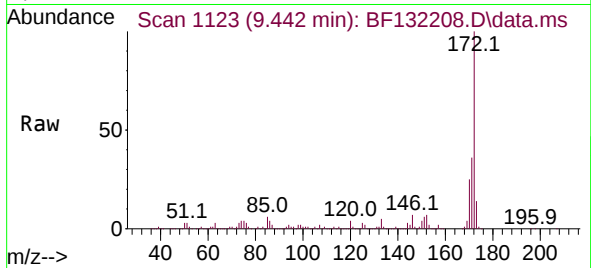
Tgt Ion:196 Resp: 36139
Ion Ratio Lower Upper
196 100
198 93.1 75.8 113.6
97 47.4 37.1 55.7
132 26.6 19.9 29.9





#45
2-Fluorobiphenyl
Concen: 68.919 ng
RT: 9.442 min Scan# 1123
Delta R.T. -0.006 min
Lab File: BF132208.D
Acq: 27 Jan 2023 20:29

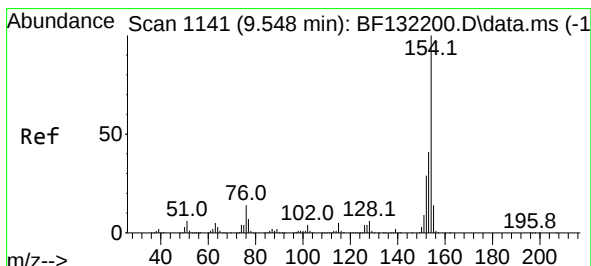
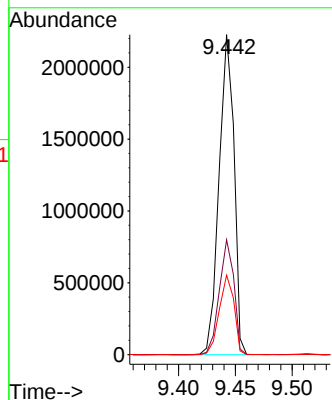
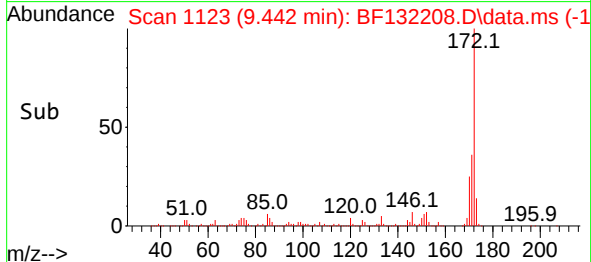
Instrument :
BNA_F
ClientSampleId :
LOD-MDL-WATER-01-QT3-2022



Tgt Ion:172 Resp: 203367
Ion Ratio Lower Upper
172 100
171 35.9 29.0 43.6
170 24.8 20.2 30.4

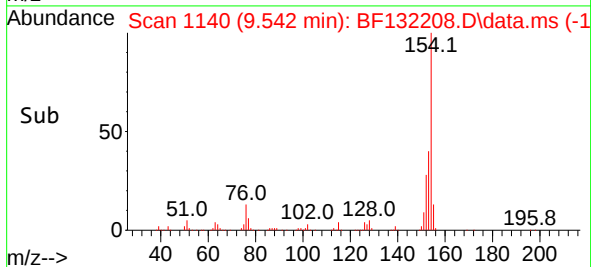
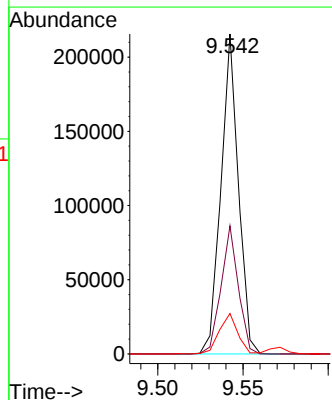
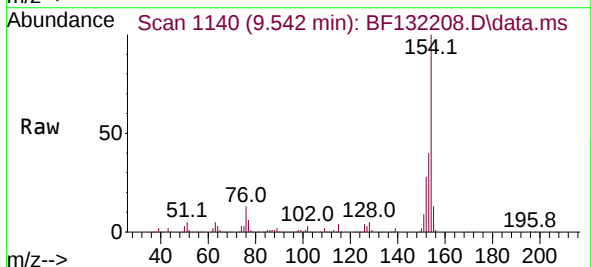
Manual Integrations
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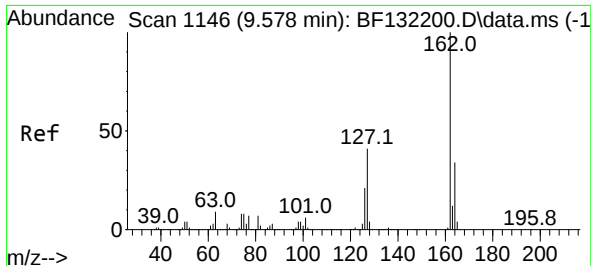
Reviewed By :Christian Giraldo 01/30/2023
Supervised By :Jagrut Upadhyay 01/30/2023



#46
1,1'-Biphenyl
Concen: 4.583 ng
RT: 9.542 min Scan# 1140
Delta R.T. -0.006 min
Lab File: BF132208.D
Acq: 27 Jan 2023 20:29

Tgt Ion:154 Resp: 153363
Ion Ratio Lower Upper
154 100
153 40.0 20.6 60.6
76 12.6 0.0 34.2





#47

2-Chloronaphthalene

Concen: 4.432 ng

RT: 9.572 min Scan# 1146

Delta R.T. -0.006 min

Lab File: BF132208.D

Acq: 27 Jan 2023 20:29

Instrument :

BNA_F

ClientSampleId :

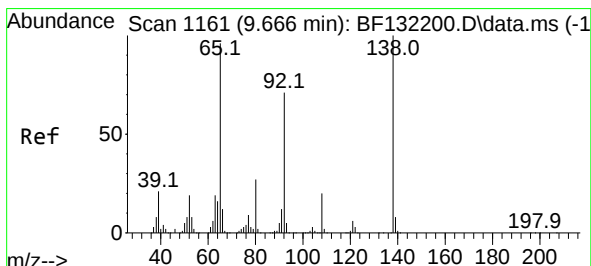
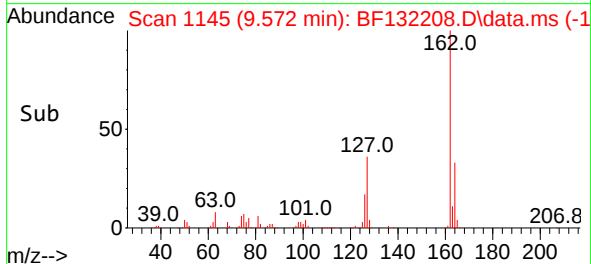
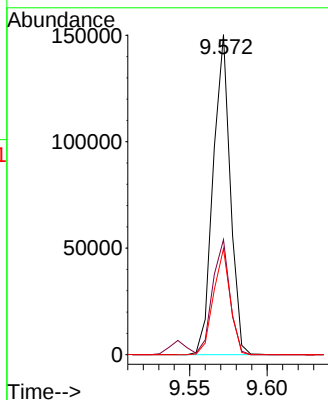
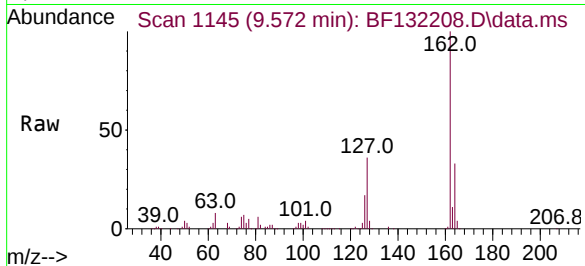
LOD-MDL-WATER-01-QT3-2022

Tgt Ion:162	Resp:	115114
Ion Ratio	Lower	Upper
162	100	
127	35.9	32.7 49.1
164	33.1	27.3 40.9

Manual Integrations

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Reviewed By :Christian Giraldo 01/30/2023
Supervised By :Jagrut Upadhyay 01/30/2023



#48

2-Nitroaniline

Concen: 3.396 ng

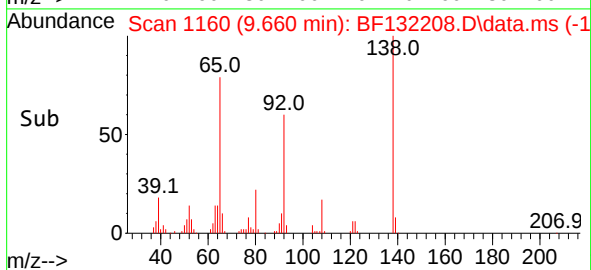
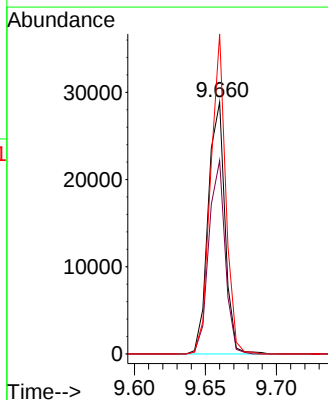
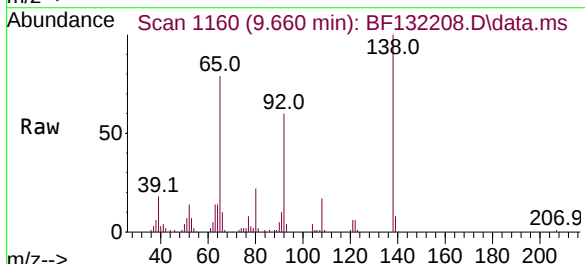
RT: 9.660 min Scan# 1160

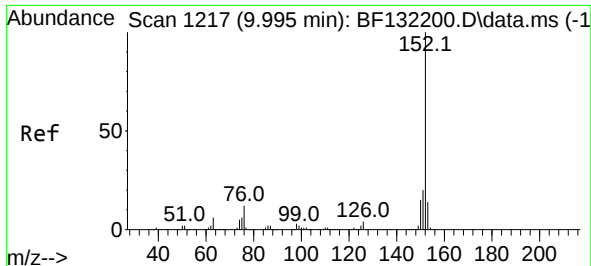
Delta R.T. -0.006 min

Lab File: BF132208.D

Acq: 27 Jan 2023 20:29

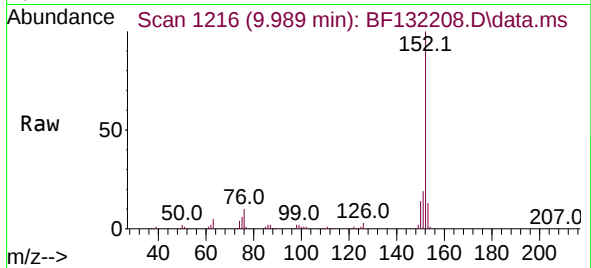
Tgt Ion: 65	Resp:	23683
Ion Ratio	Lower	Upper
65	100	
92	76.8	59.2 88.8
138	127.1	83.7 125.5





#49
Acenaphthylene
Concen: 4.225 ng
RT: 9.989 min Scan# 1189
Delta R.T. -0.006 min
Lab File: BF132208.D
Acq: 27 Jan 2023 20:29

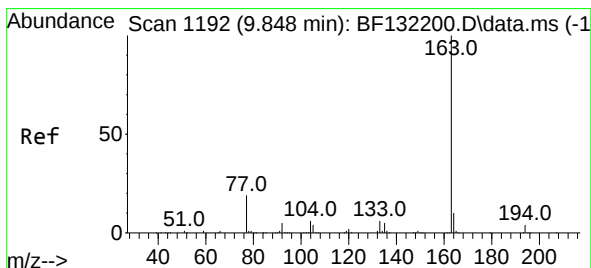
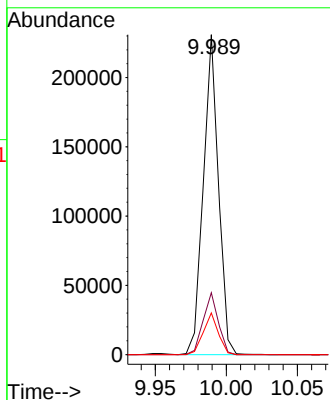
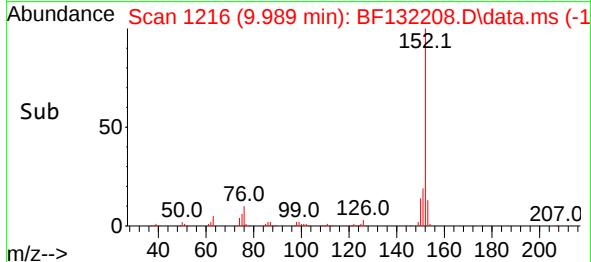
Instrument : BNA_F
ClientSampleId :
LOD-MDL-WATER-01-QT3-2022



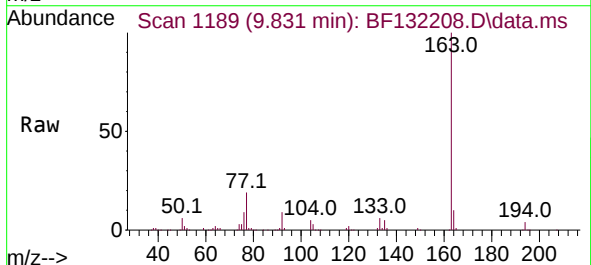
Tgt Ion:152 Resp: 170484
Ion Ratio Lower Upper
152 100
151 19.3 16.3 24.5
153 13.0 10.9 16.3

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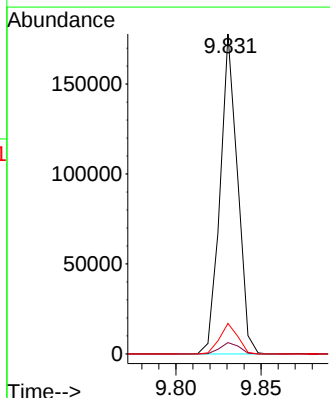
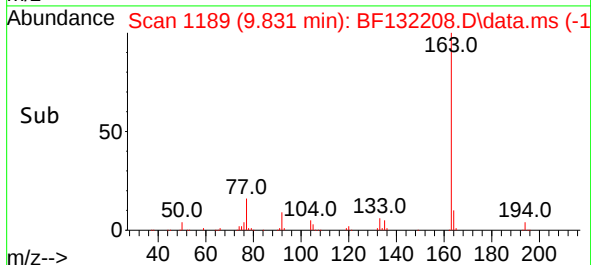
Reviewed By :Christian Giraldo 01/30/2023
Supervised By :Jagrut Upadhyay 01/30/2023

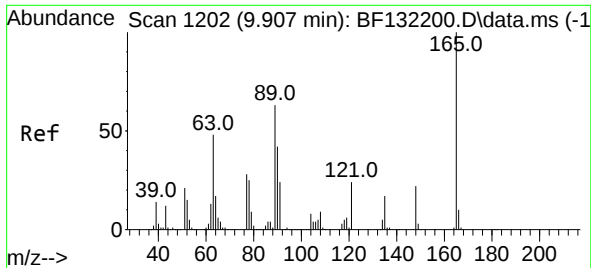


#50
Dimethylphthalate
Concen: 4.282 ng
RT: 9.831 min Scan# 1189
Delta R.T. -0.017 min
Lab File: BF132208.D
Acq: 27 Jan 2023 20:29



Tgt Ion:163 Resp: 126185
Ion Ratio Lower Upper
163 100
194 3.5 3.3 4.9
164 9.5 8.3 12.5





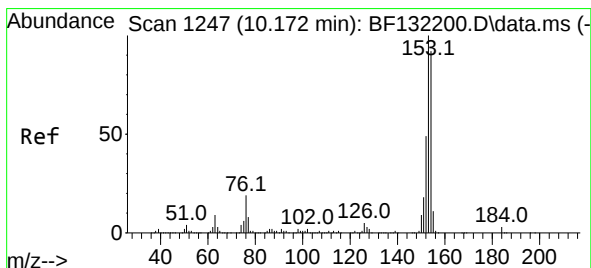
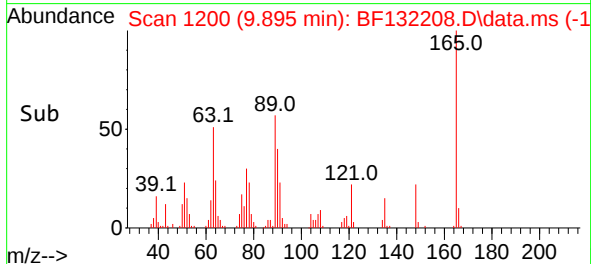
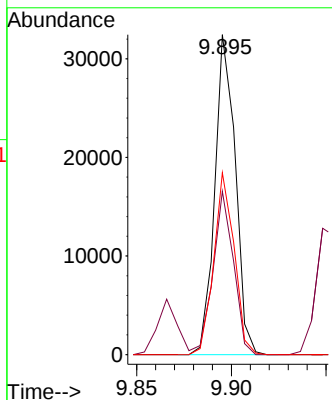
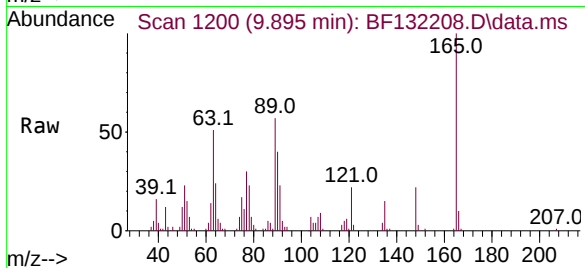
#51
2,6-Dinitrotoluene
Concen: 3.896 ng
RT: 9.895 min Scan# 1200
Delta R.T. -0.012 min
Lab File: BF132208.D
Acq: 27 Jan 2023 20:29

Instrument : BNA_F
ClientSampleId :
LOD-MDL-WATER-01-QT3-2022

Tgt Ion:165 Resp: 24392
Ion Ratio Lower Upper
165 100
63 51.0 46.1 69.1
89 56.8 50.3 75.5

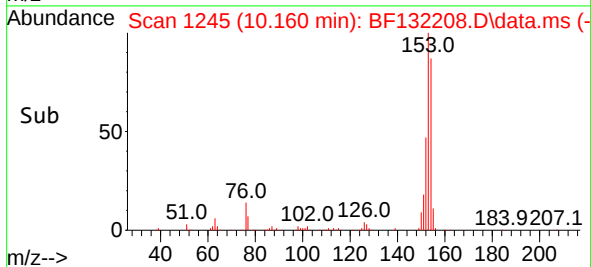
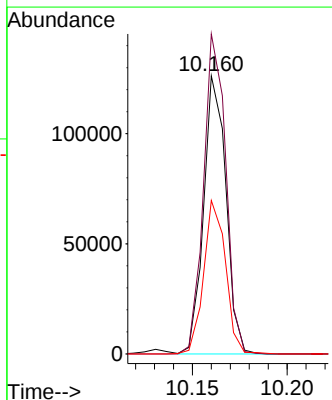
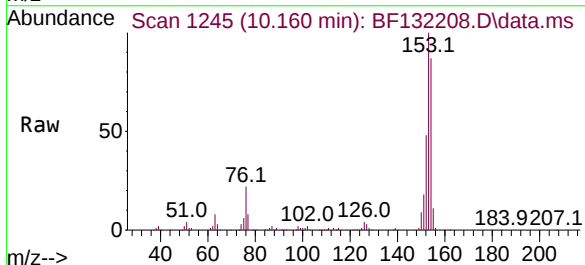
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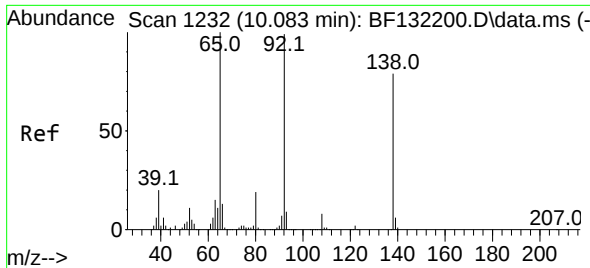
Reviewed By :Christian Giraldo 01/30/2023
Supervised By :Jagrut Upadhyay 01/30/2023



#52
Acenaphthene
Concen: 4.167 ng
RT: 10.160 min Scan# 1245
Delta R.T. -0.012 min
Lab File: BF132208.D
Acq: 27 Jan 2023 20:29

Tgt Ion:154 Resp: 103380
Ion Ratio Lower Upper
154 100
153 115.1 87.3 130.9
152 55.2 43.2 64.8





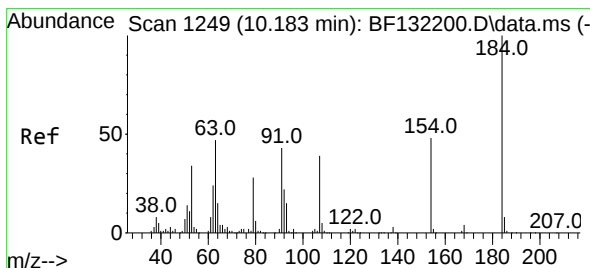
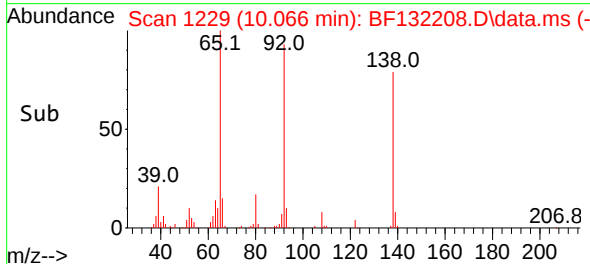
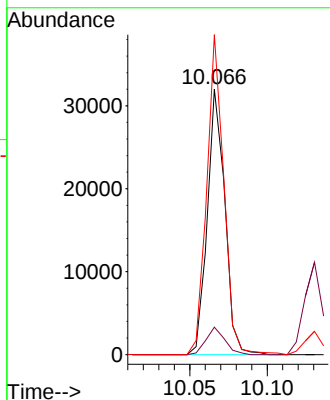
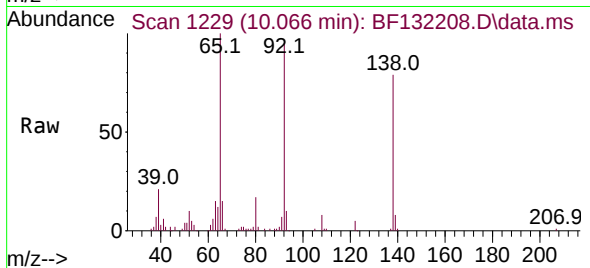
#53
3-Nitroaniline
Concen: 3.633 ng
RT: 10.066 min Scan# 1229
Delta R.T. -0.018 min
Lab File: BF132208.D
Acq: 27 Jan 2023 20:29

Instrument : BNA_F
ClientSampleId :
LOD-MDL-WATER-01-QT3-2022

Tgt Ion:138 Resp: 25164
Ion Ratio Lower Upper
138 100
108 10.3 8.1 12.1
92 120.5 100.2 150.2

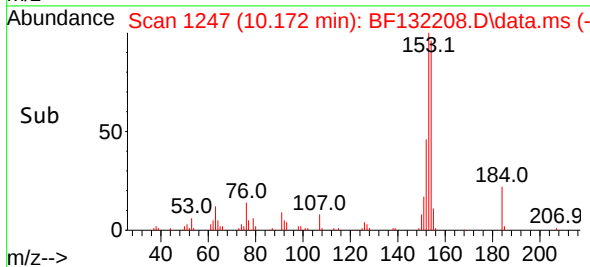
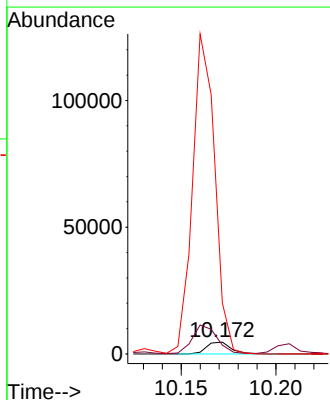
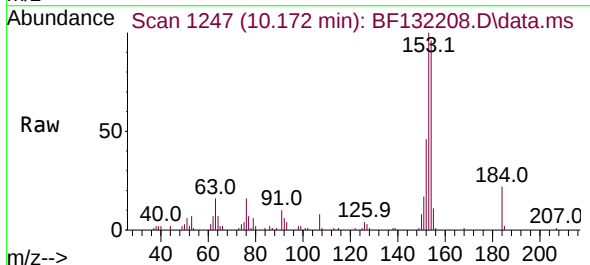
Manual Integrations
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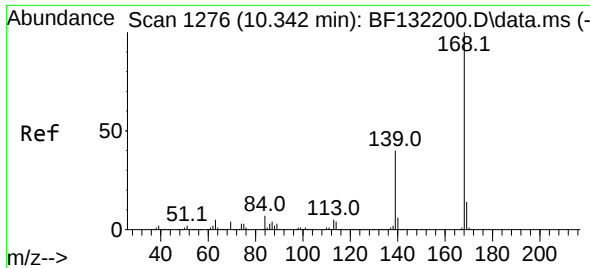
Reviewed By :Christian Giraldo 01/30/2023
Supervised By :Jagrut Upadhyay 01/30/2023



#54
2,4-Dinitrophenol
Concen: 7.945 ng
RT: 10.172 min Scan# 1247
Delta R.T. -0.011 min
Lab File: BF132208.D
Acq: 27 Jan 2023 20:29

Tgt Ion:184 Resp: 4109
Ion Ratio Lower Upper
184 100
63 74.1 39.8 59.6#
154 432.3 54.2 81.2#





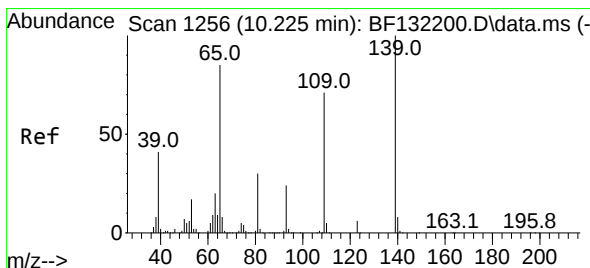
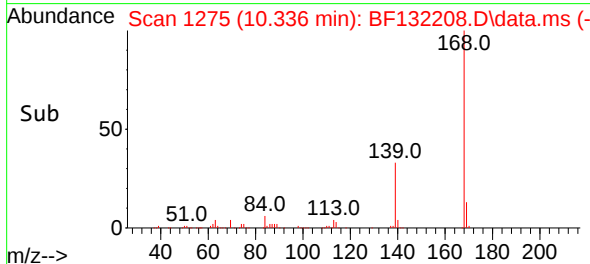
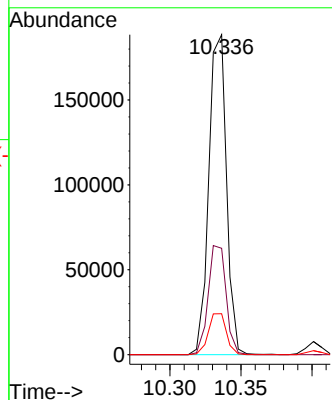
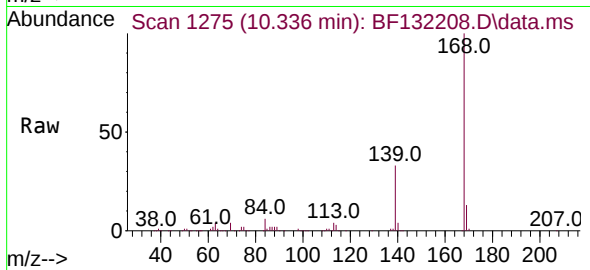
#55
Dibenzofuran
Concen: 4.392 ng
RT: 10.336 min Scan# 1275
Delta R.T. -0.006 min
Lab File: BF132208.D
Acq: 27 Jan 2023 20:29

Instrument : BNA_F
ClientSampleId :
LOD-MDL-WATER-01-QT3-2022

Tgt Ion:168 Resp: 163240
Ion Ratio Lower Upper
168 100
139 33.2 31.7 47.5
169 12.8 11.1 16.7

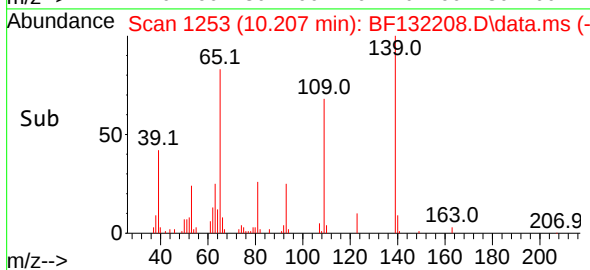
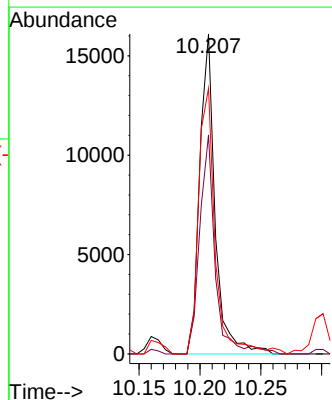
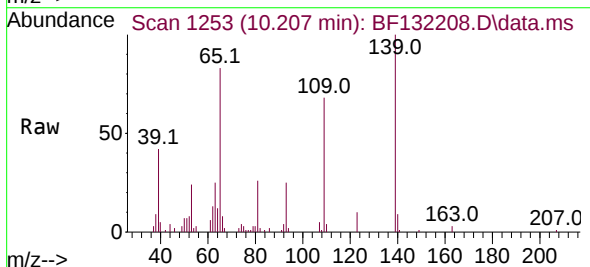
Manual Integrations
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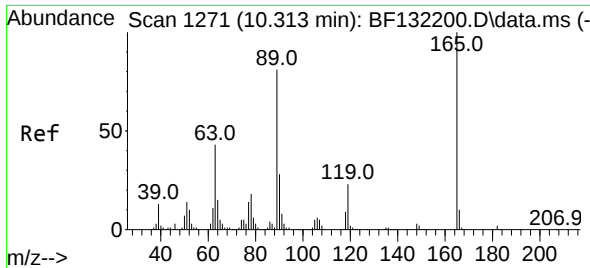
Reviewed By :Christian Giraldo 01/30/2023
Supervised By :Jagrut Upadhyay 01/30/2023



#56
4-Nitrophenol
Concen: 2.825 ng
RT: 10.207 min Scan# 1253
Delta R.T. -0.018 min
Lab File: BF132208.D
Acq: 27 Jan 2023 20:29

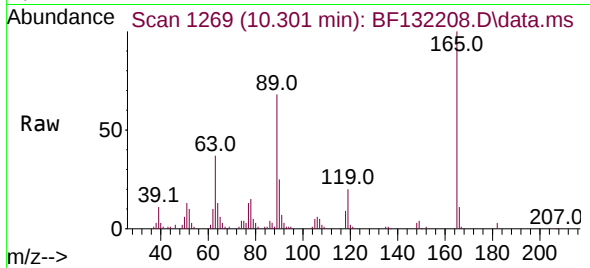
Tgt Ion:139 Resp: 14139
Ion Ratio Lower Upper
139 100
109 68.4 50.8 90.8
65 83.0 65.5 105.5





#57
2,4-Dinitrotoluene
Concen: 3.503 ng
RT: 10.301 min Scan# 1269
Delta R.T. -0.012 min
Lab File: BF132208.D
Acq: 27 Jan 2023 20:29

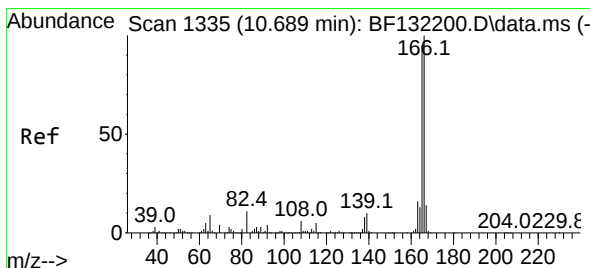
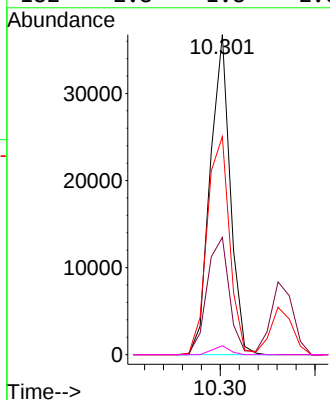
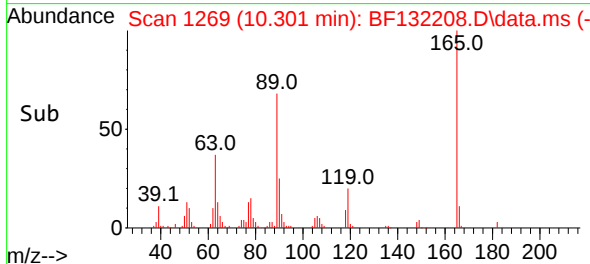
Instrument : BNA_F
ClientSampleId :
LOD-MDL-WATER-01-QT3-2022



Tgt Ion:165 Resp: 26995
Ion Ratio Lower Upper
165 100
63 36.6 34.2 51.2
89 68.1 65.1 97.7
182 2.8 1.8 2.6#

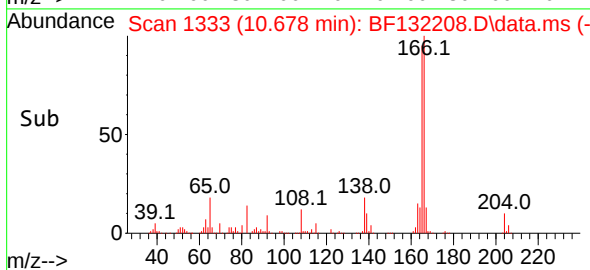
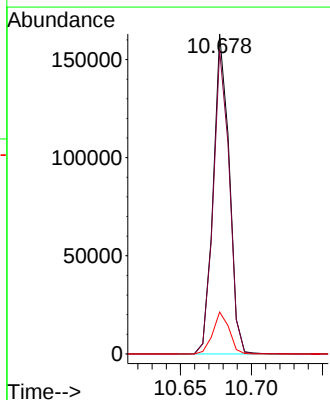
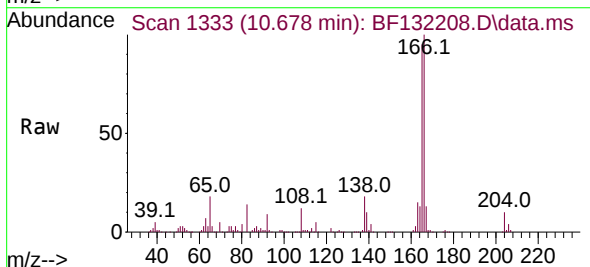
Manual Integrations
APPROVED

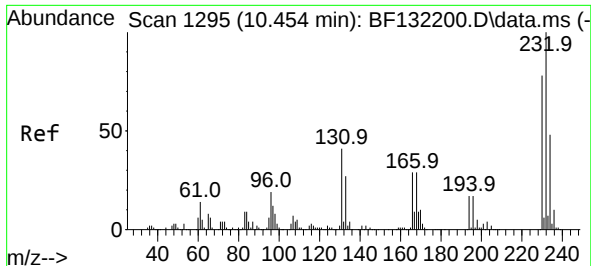
Reviewed By :Christian Giraldo 01/30/2023
Supervised By :Jagrut Upadhyay 01/30/2023



#58
Fluorene
Concen: 4.461 ng
RT: 10.678 min Scan# 1333
Delta R.T. -0.012 min
Lab File: BF132208.D
Acq: 27 Jan 2023 20:29

Tgt Ion:166 Resp: 126650
Ion Ratio Lower Upper
166 100
165 94.9 76.3 114.5
167 13.1 10.9 16.3





#59

2,3,4,6-Tetrachlorophenol

Concen: 3.536 ng

RT: 10.442 min Scan# 1293

Delta R.T. -0.012 min

Lab File: BF132208.D

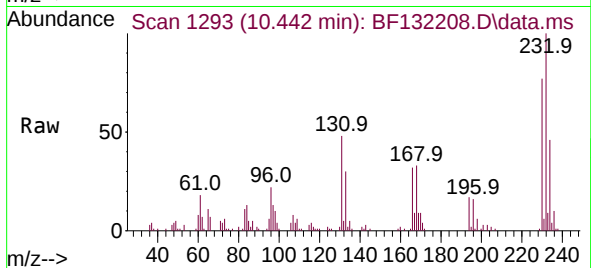
Acq: 27 Jan 2023 20:29

Instrument :

BNA_F

ClientSampleId :

LOD-MDL-WATER-01-QT3-2022



Tgt Ion:232 Resp: 26162

Ion Ratio Lower Upper

232 100

131 46.0 35.1 52.7

130 2.2 1.7 2.5

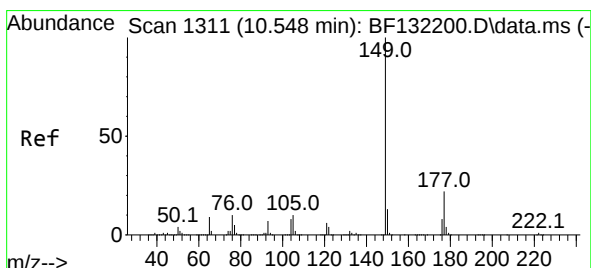
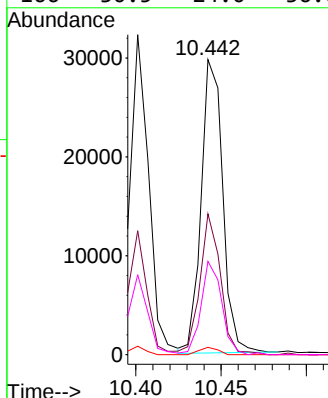
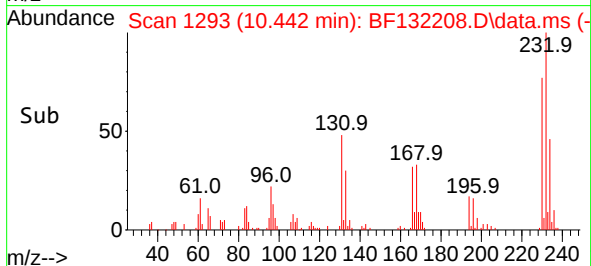
166 30.5 24.0 36.0

Manual Integrations

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Reviewed By :Christian Giraldo 01/30/2023

Supervised By :Jagrut Upadhyay 01/30/2023



#60

Diethylphthalate

Concen: 4.157 ng

RT: 10.536 min Scan# 1309

Delta R.T. -0.012 min

Lab File: BF132208.D

Acq: 27 Jan 2023 20:29

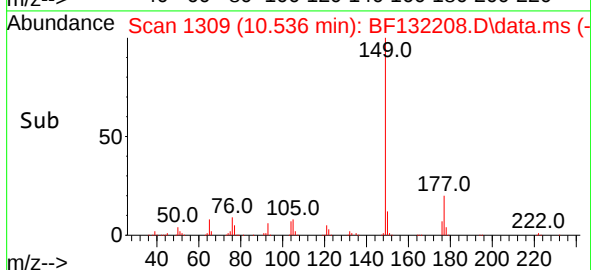
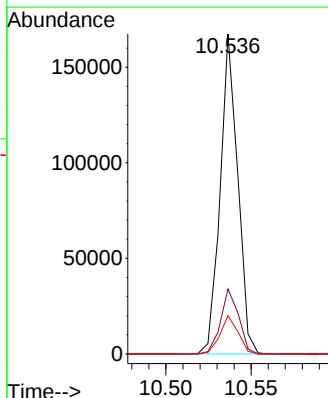
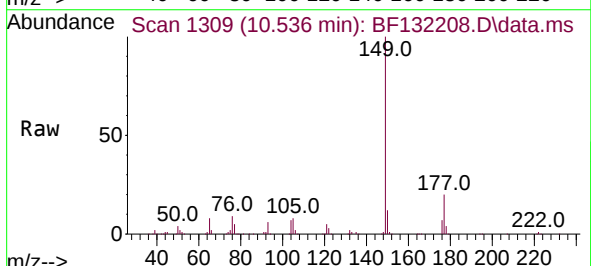
Tgt Ion:149 Resp: 119395

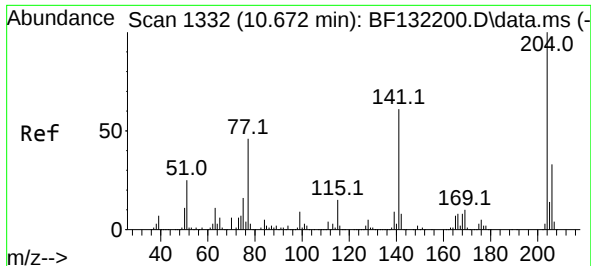
Ion Ratio Lower Upper

149 100

177 20.3 17.9 26.9

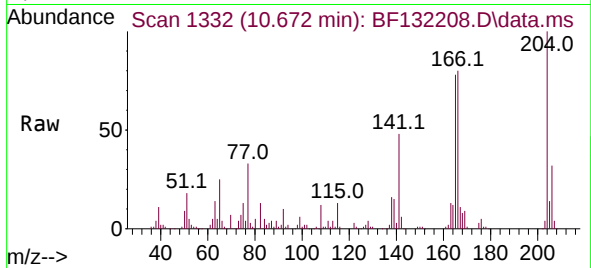
150 11.9 10.2 15.4





#61
4-Chlorophenyl-phenylether
Concen: 4.237 ng
RT: 10.672 min Scan# 1332
Delta R.T. 0.000 min
Lab File: BF132208.D
Acq: 27 Jan 2023 20:29

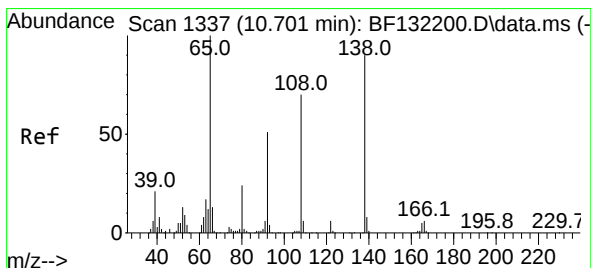
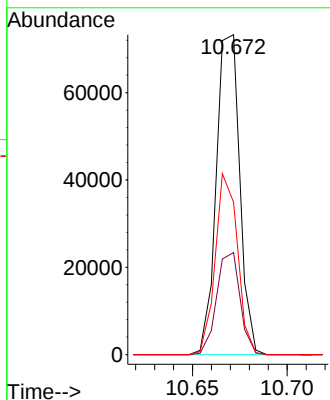
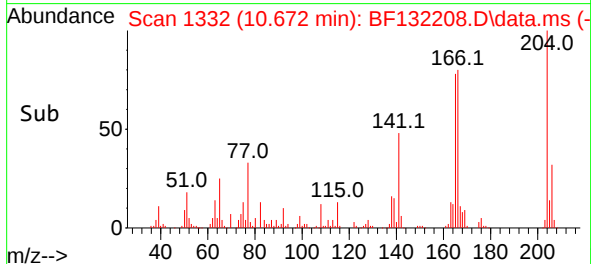
Instrument :
BNA_F
ClientSampleId :
LOD-MDL-WATER-01-QT3-2022



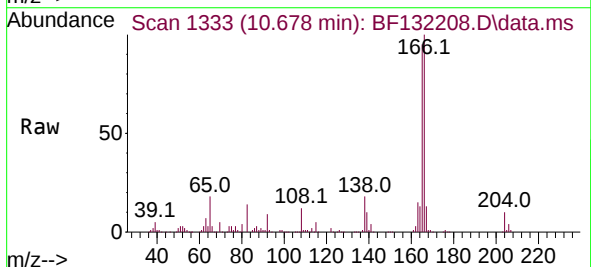
Tgt Ion:204 Resp: 63456
Ion Ratio Lower Upper
204 100
206 31.9 26.5 39.7
141 47.6 49.2 73.8

Manual Integrations
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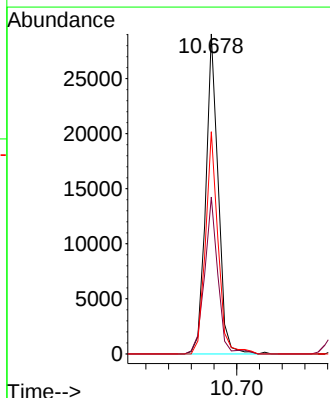
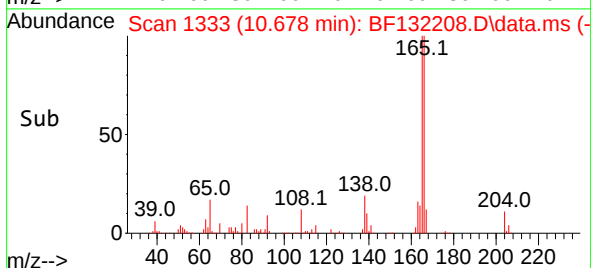
Reviewed By :Christian Giraldo 01/30/2023
Supervised By :Jagrut Upadhyay 01/30/2023

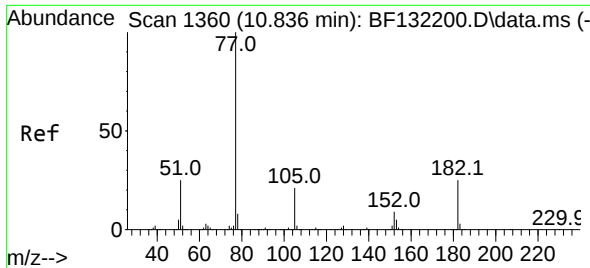


#62
4-Nitroaniline
Concen: 3.409 ng
RT: 10.678 min Scan# 1333
Delta R.T. -0.023 min
Lab File: BF132208.D
Acq: 27 Jan 2023 20:29



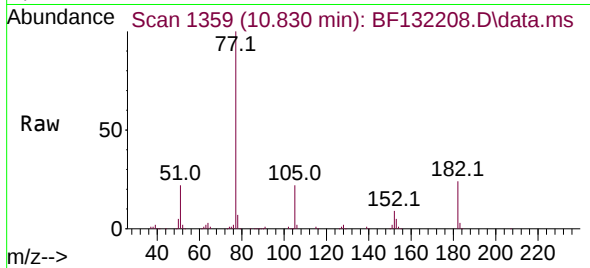
Tgt Ion:138 Resp: 22155
Ion Ratio Lower Upper
138 100
92 49.0 36.0 76.0
108 69.4 57.9 97.9





#63
Azobenzene
Concen: 3.878 ng
RT: 10.830 min Scan# 1360
Delta R.T. -0.006 min
Lab File: BF132208.D
Acq: 27 Jan 2023 20:29

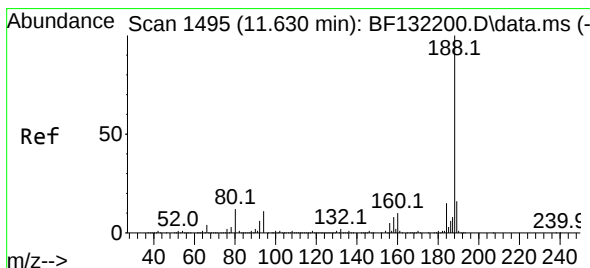
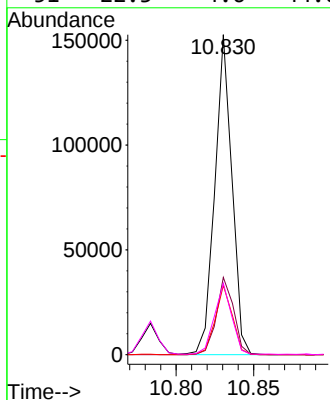
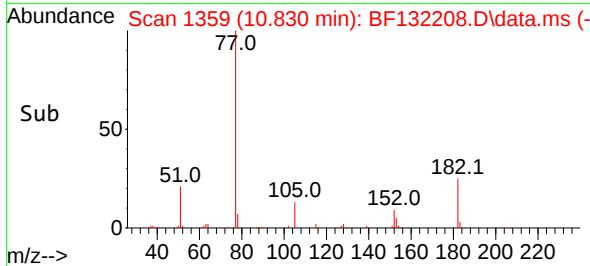
Instrument : BNA_F
ClientSampleId : LOD-MDL-WATER-01-QT3-2022



Tgt Ion: 77 Resp: 117546
Ion Ratio Lower Upper
77 100
182 24.1 4.7 44.7
105 21.7 1.1 41.1
51 22.3 4.6 44.6

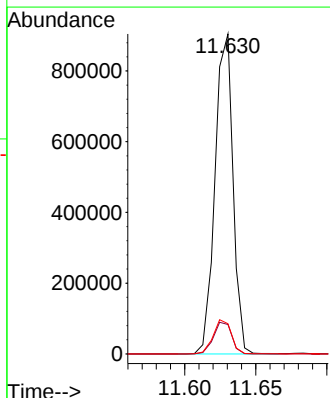
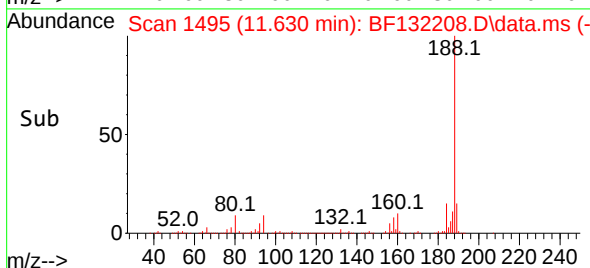
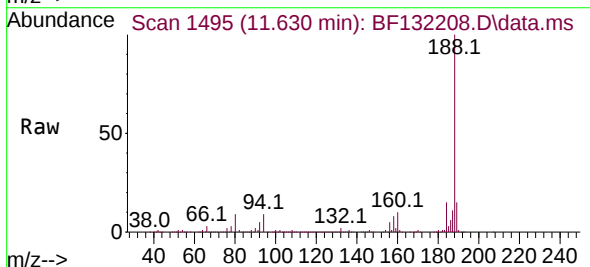
Manual Integrations
APPROVED

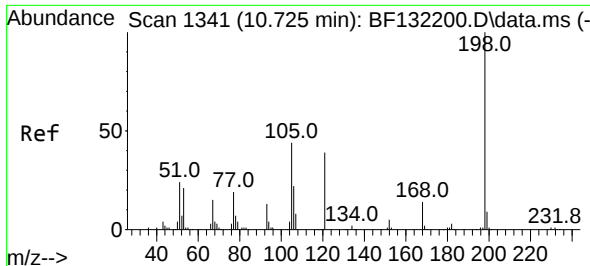
Reviewed By :Christian Giraldo 01/30/2023
Supervised By :Jagrut Upadhyay 01/30/2023



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.630 min Scan# 1495
Delta R.T. 0.000 min
Lab File: BF132208.D
Acq: 27 Jan 2023 20:29

Tgt Ion:188 Resp: 799796
Ion Ratio Lower Upper
188 100
94 9.2 8.5 12.7
80 9.4 9.2 13.8





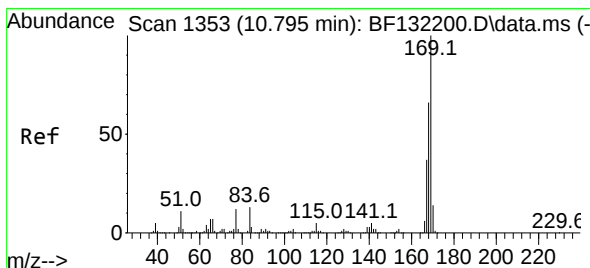
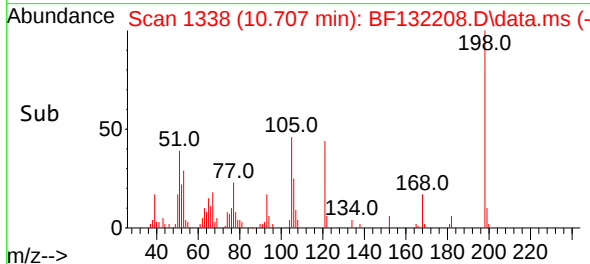
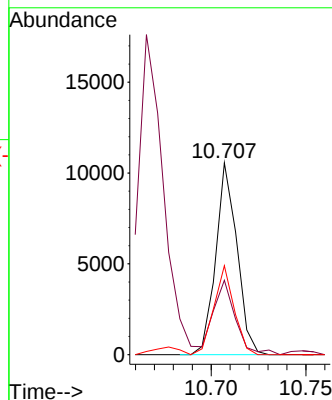
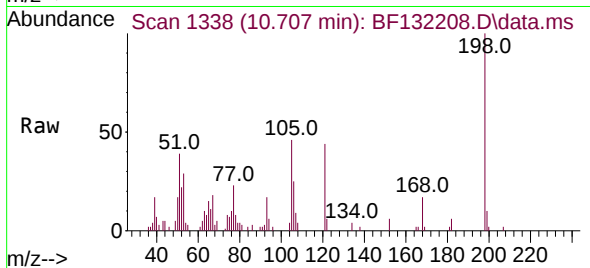
#65
4,6-Dinitro-2-methylphenol
Concen: 7.086 ng
RT: 10.707 min Scan# 1338
Delta R.T. -0.018 min
Lab File: BF132208.D
Acq: 27 Jan 2023 20:29

Instrument :
BNA_F
ClientSampleId :
LOD-MDL-WATER-01-QT3-2022

Tgt Ion:198 Resp: 821
Ion Ratio Lower Upper
198 100
51 38.7 14.9 54.9
105 46.3 24.2 64.2

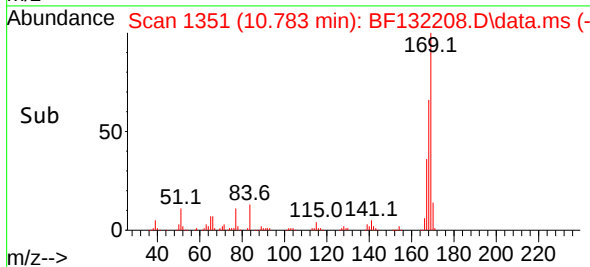
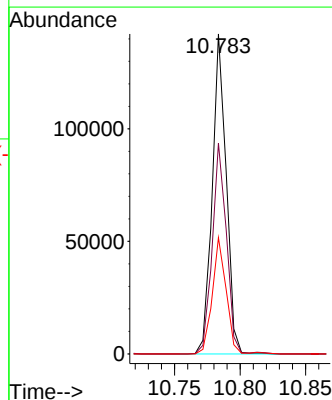
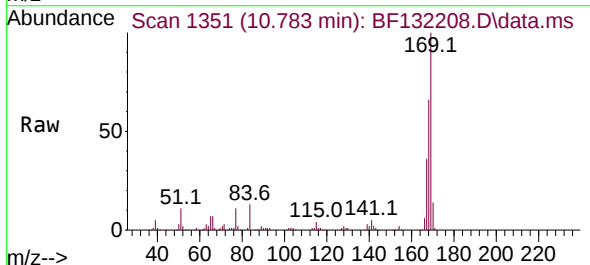
Manual Integrations
APPROVED

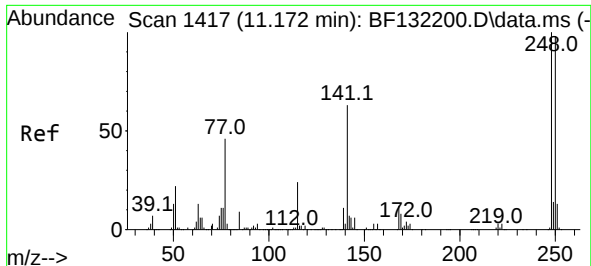
Reviewed By :Christian Giraldo 01/30/2023
Supervised By :Jagrut Upadhyay 01/30/2023



#66
n-Nitrosodiphenylamine
Concen: 4.190 ng
RT: 10.783 min Scan# 1351
Delta R.T. -0.012 min
Lab File: BF132208.D
Acq: 27 Jan 2023 20:29

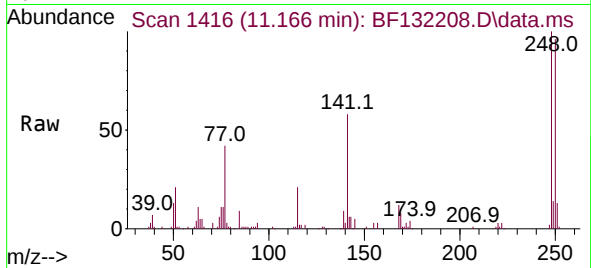
Tgt Ion:169 Resp: 105235
Ion Ratio Lower Upper
169 100
168 65.9 53.1 79.7
167 36.3 29.7 44.5





#67
4-Bromophenyl-phenylether
Concen: 3.928 ng
RT: 11.166 min Scan# 1416
Delta R.T. -0.006 min
Lab File: BF132208.D
Acq: 27 Jan 2023 20:29

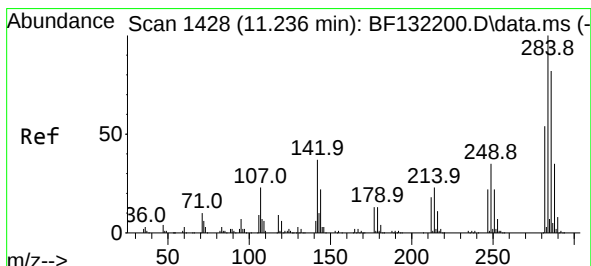
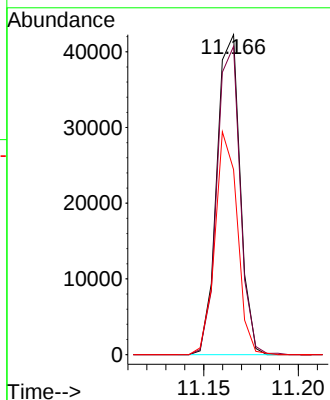
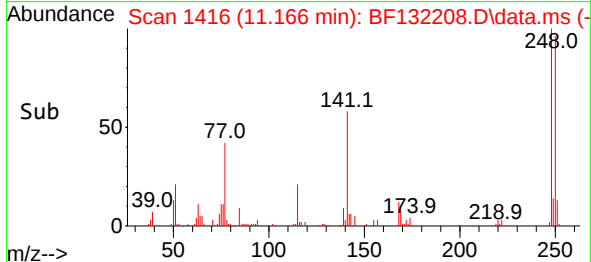
Instrument :
BNA_F
ClientSampleId :
LOD-MDL-WATER-01-QT3-2022



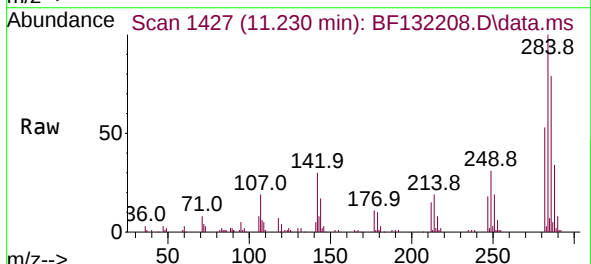
Tgt Ion:248 Resp: 3616
Ion Ratio Lower Upper
248 100
250 96.3 78.5 117.7
141 57.8 50.2 75.4

Manual Integrations
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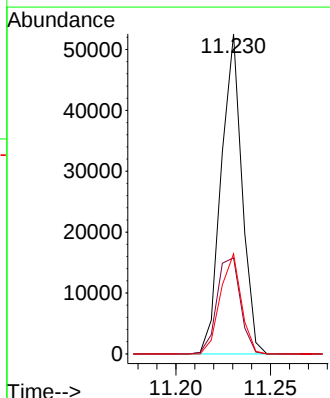
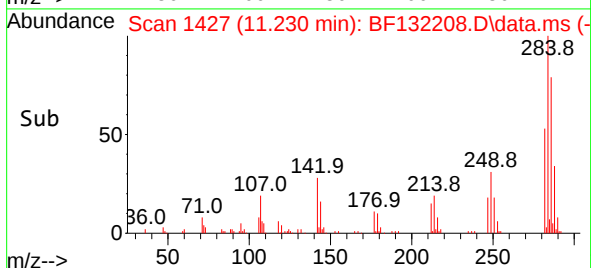
Reviewed By :Christian Giraldo 01/30/2023
Supervised By :Jagrut Upadhyay 01/30/2023

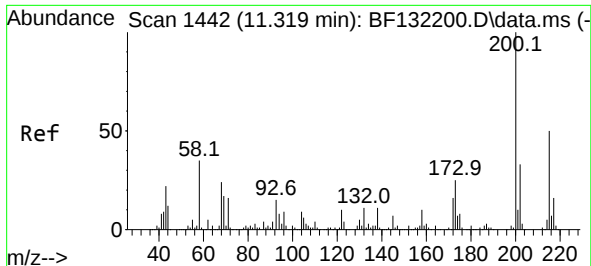


#68
Hexachlorobenzene
Concen: 4.381 ng
RT: 11.230 min Scan# 1427
Delta R.T. -0.006 min
Lab File: BF132208.D
Acq: 27 Jan 2023 20:29



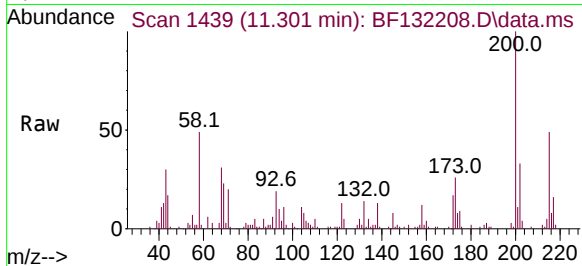
Tgt Ion:284 Resp: 39970
Ion Ratio Lower Upper
284 100
142 30.0 29.4 44.2
249 31.3 27.8 41.8





#69
Atrazine
Concen: 4.174 ng
RT: 11.301 min Scan# 1442
Delta R.T. -0.018 min
Lab File: BF132208.D
Acq: 27 Jan 2023 20:29

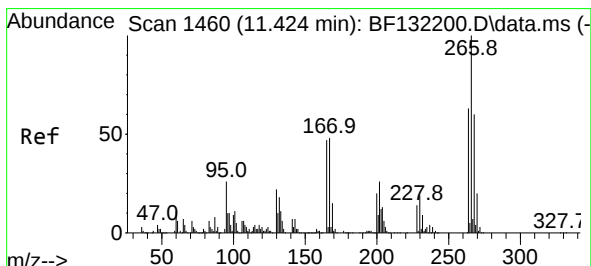
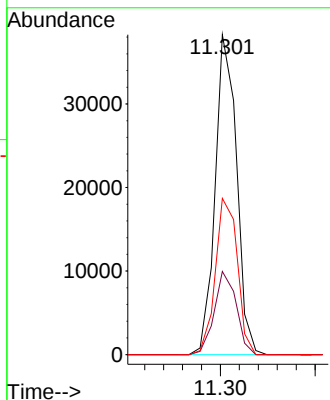
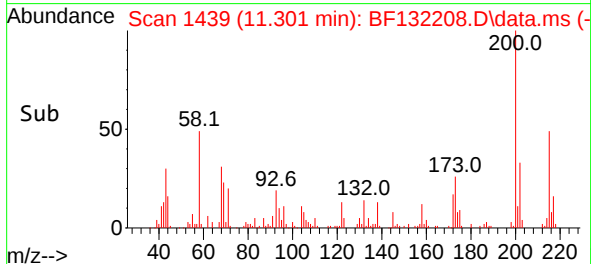
Instrument : BNA_F
ClientSampleId :
LOD-MDL-WATER-01-QT3-2022



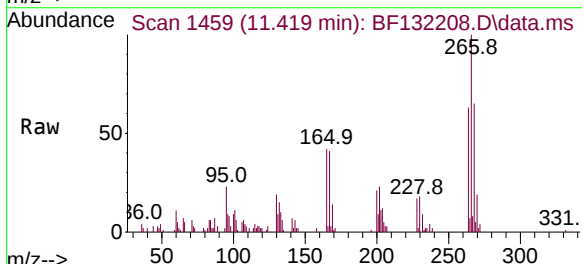
Tgt Ion:200 Resp: 3008
Ion Ratio Lower Upper
200 100
173 26.0 5.2 45.2
215 48.8 29.8 69.8

Manual Integrations
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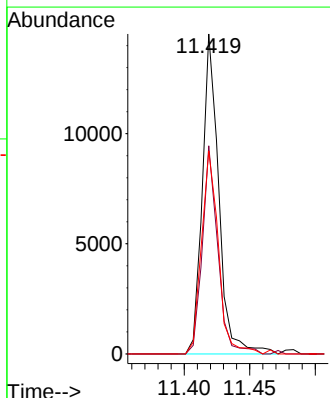
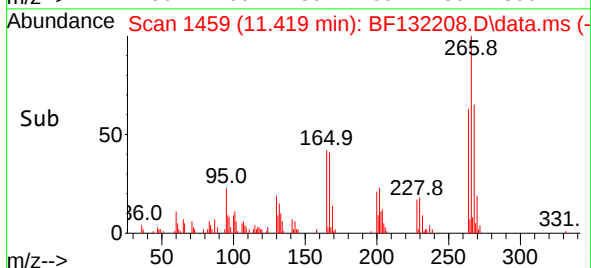
Reviewed By :Christian Giraldo 01/30/2023
Supervised By :Jagrut Upadhyay 01/30/2023

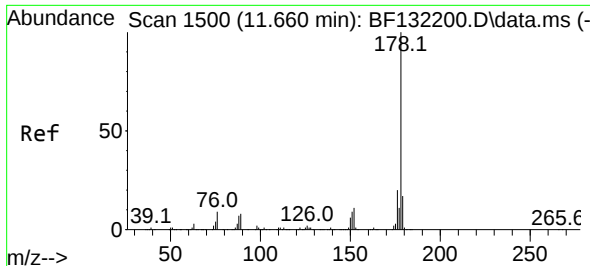


#70
Pentachlorophenol
Concen: 2.099 ng
RT: 11.419 min Scan# 1459
Delta R.T. -0.005 min
Lab File: BF132208.D
Acq: 27 Jan 2023 20:29



Tgt Ion:266 Resp: 12641
Ion Ratio Lower Upper
266 100
268 65.0 48.2 72.4
264 63.4 50.7 76.1





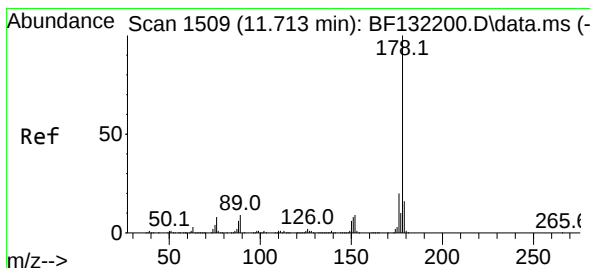
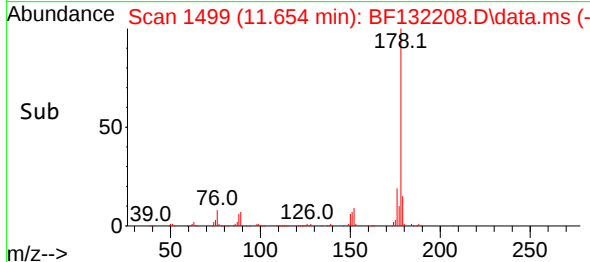
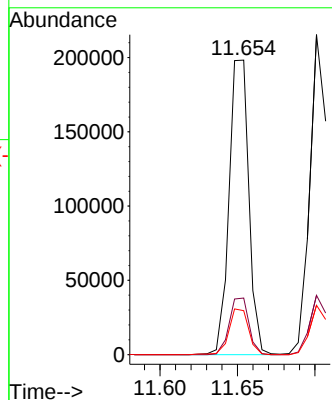
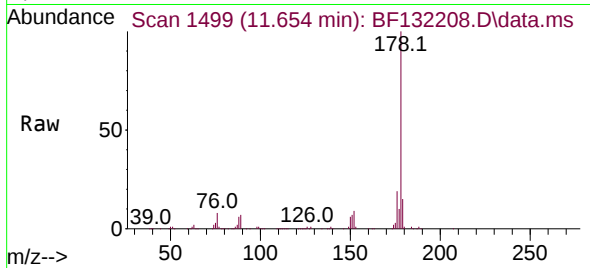
#71
Phenanthrene
Concen: 4.319 ng
RT: 11.654 min Scan# 1499
Delta R.T. -0.006 min
Lab File: BF132208.D
Acq: 27 Jan 2023 20:29

Instrument : BNA_F
ClientSampleId :
LOD-MDL-WATER-01-QT3-2022

Tgt Ion:178 Resp: 175740
Ion Ratio Lower Upper
178 100
176 19.2 16.4 24.6
179 14.9 13.3 19.9

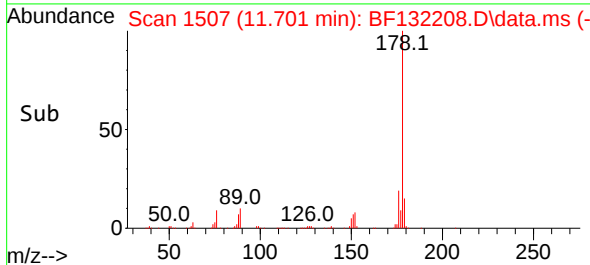
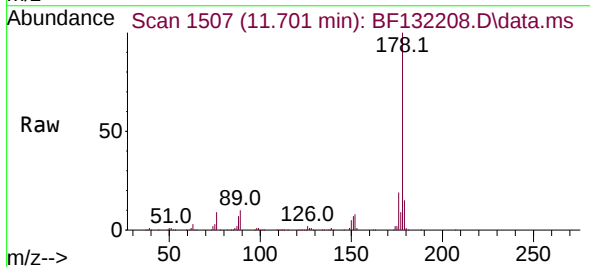
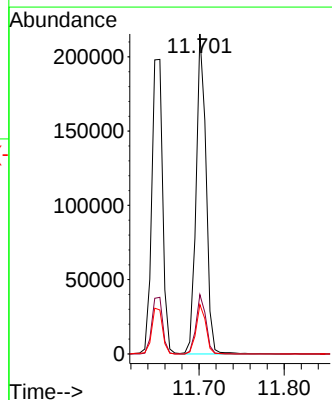
Manual Integrations
APPROVED

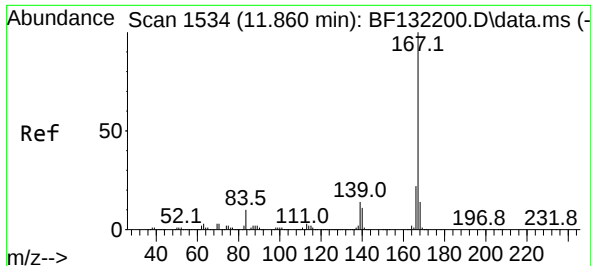
Reviewed By :Christian Giraldo 01/30/2023
Supervised By :Jagrut Upadhyay 01/30/2023



#72
Anthracene
Concen: 4.225 ng
RT: 11.701 min Scan# 1507
Delta R.T. -0.012 min
Lab File: BF132208.D
Acq: 27 Jan 2023 20:29

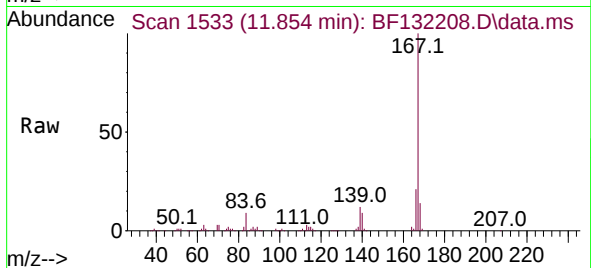
Tgt Ion:178 Resp: 175063
Ion Ratio Lower Upper
178 100
176 18.5 15.8 23.8
179 15.4 13.0 19.6





#73
Carbazole
Concen: 4.167 ng
RT: 11.854 min Scan# 1533
Delta R.T. -0.006 min
Lab File: BF132208.D
Acq: 27 Jan 2023 20:29

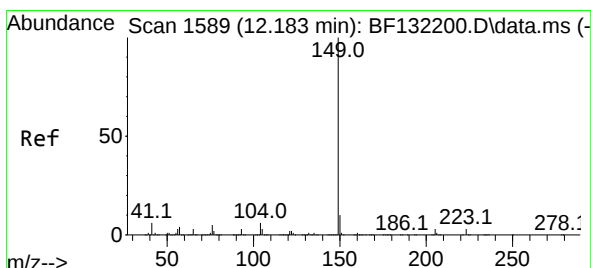
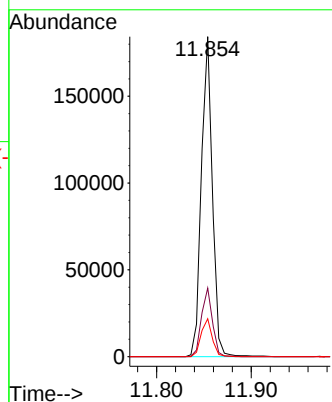
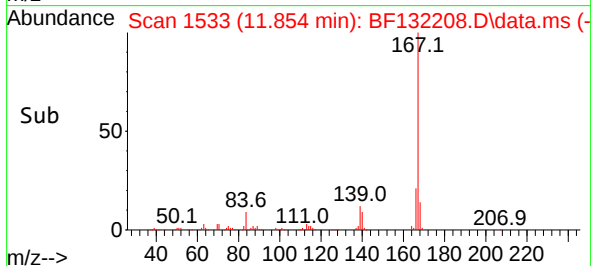
Instrument : BNA_F
ClientSampleId : LOD-MDL-WATER-01-QT3-2022



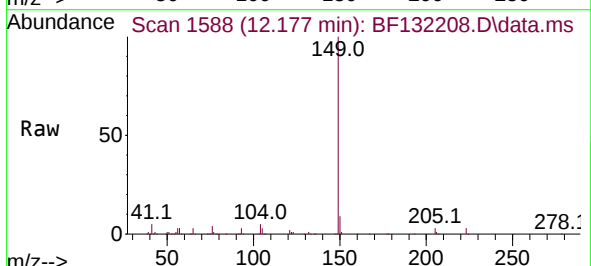
Tgt Ion:167 Resp: 148299
Ion Ratio Lower Upper
167 100
166 21.4 17.5 26.3
139 11.8 10.8 16.2

Manual Integrations
APPROVED

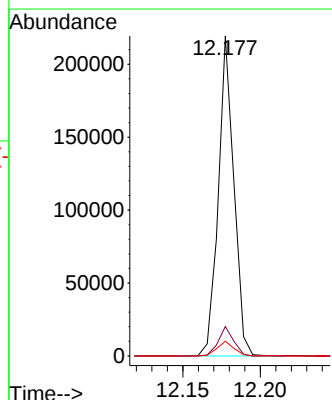
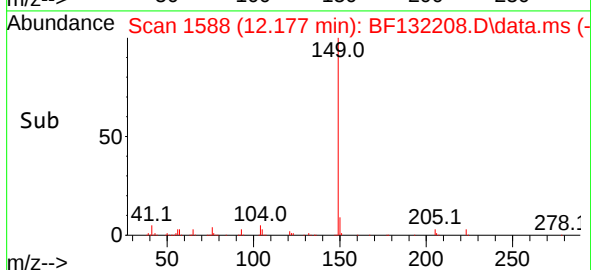
Reviewed By :Christian Giraldo 01/30/2023
Supervised By :Jagrut Upadhyay 01/30/2023

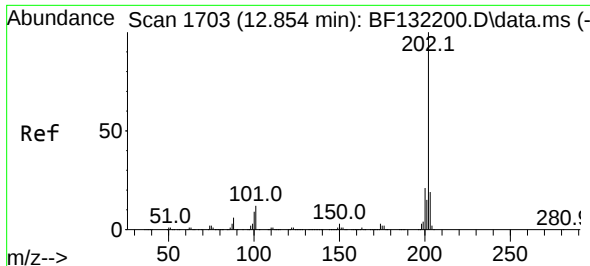


#74
Di-n-butylphthalate
Concen: 3.799 ng
RT: 12.177 min Scan# 1588
Delta R.T. -0.006 min
Lab File: BF132208.D
Acq: 27 Jan 2023 20:29



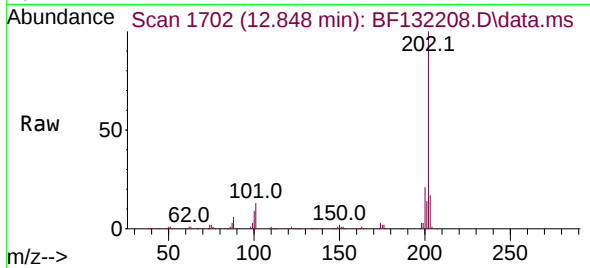
Tgt Ion:149 Resp: 153830
Ion Ratio Lower Upper
149 100
150 9.2 8.0 12.0
104 4.6 4.6 7.0#





#75
Fluoranthene
Concen: 4.052 ng
RT: 12.848 min Scan# 1703
Delta R.T. -0.006 min
Lab File: BF132208.D
Acq: 27 Jan 2023 20:29

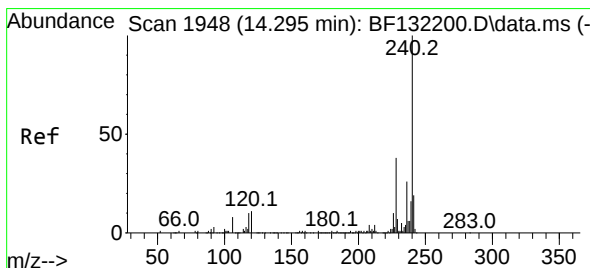
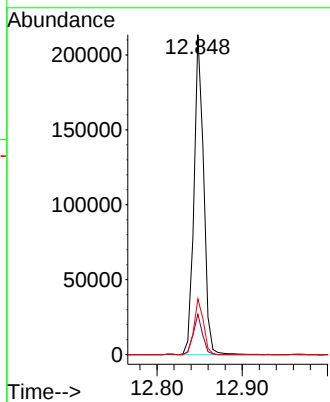
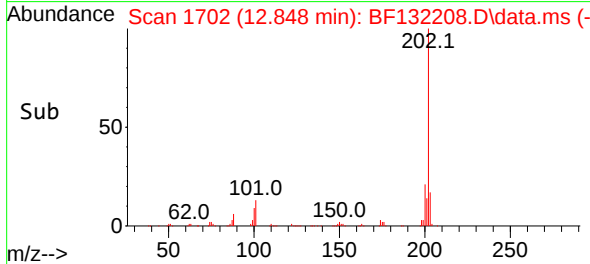
Instrument : BNA_F
ClientSampleId :
LOD-MDL-WATER-01-QT3-2022



Tgt Ion:202 Resp: 16773
Ion Ratio Lower Upper
202 100
101 12.6 0.0 32.5
203 17.4 0.0 38.8

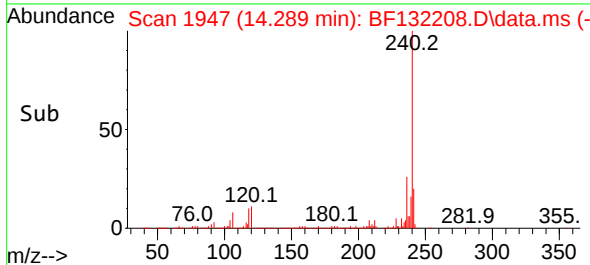
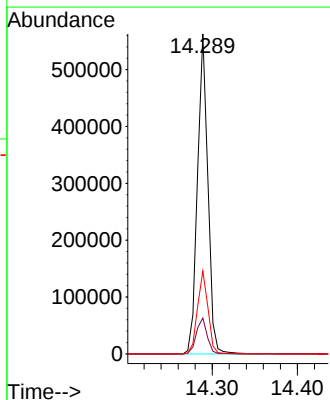
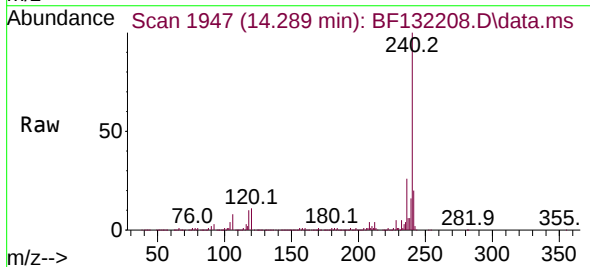
Manual Integrations
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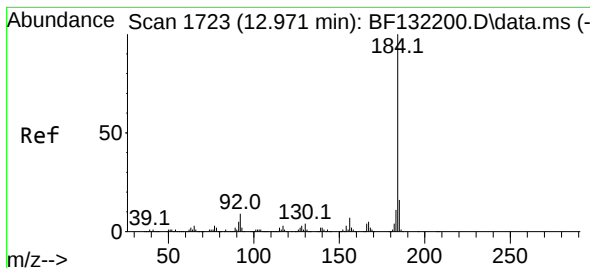
Reviewed By :Christian Giraldo 01/30/2023
Supervised By :Jagrut Upadhyay 01/30/2023



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.289 min Scan# 1947
Delta R.T. -0.006 min
Lab File: BF132208.D
Acq: 27 Jan 2023 20:29

Tgt Ion:240 Resp: 477234
Ion Ratio Lower Upper
240 100
120 11.2 9.0 13.4
236 25.9 20.8 31.2





#77

Benzidine

Concen: 3.904 ng

RT: 12.966 min Scan# 1722

Delta R.T. -0.006 min

Lab File: BF132208.D

Acq: 27 Jan 2023 20:29

Instrument :

BNA_F

ClientSampleId :

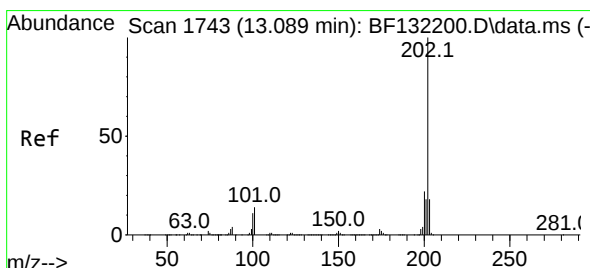
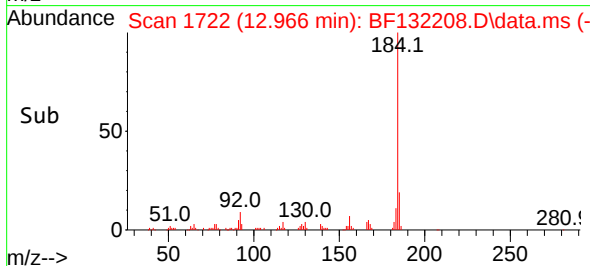
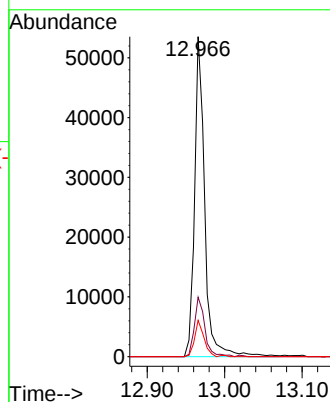
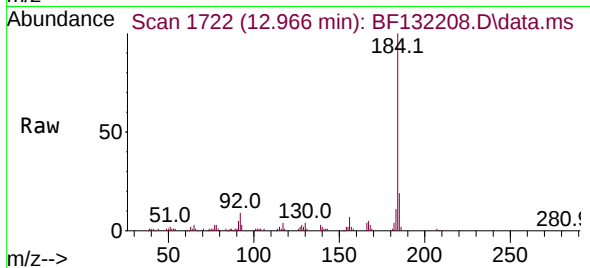
LOD-MDL-WATER-01-QT3-2022

Tgt Ion:184 Resp: 48633
 Ion Ratio Lower Upper
 184 100
 185 18.6 13.2 19.8
 183 11.3 8.8 13.2

Manual Integrations

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Reviewed By :Christian Giraldo 01/30/2023
 Supervised By :Jagrut Upadhyay 01/30/2023



#78

Pyrene

Concen: 3.900 ng

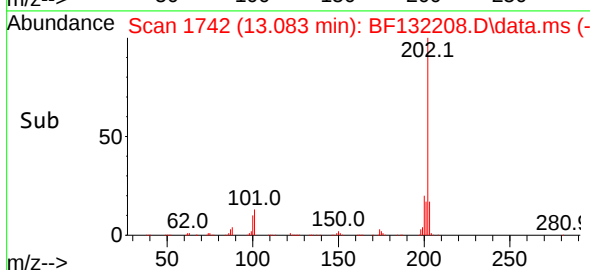
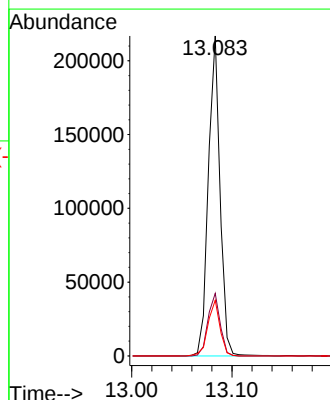
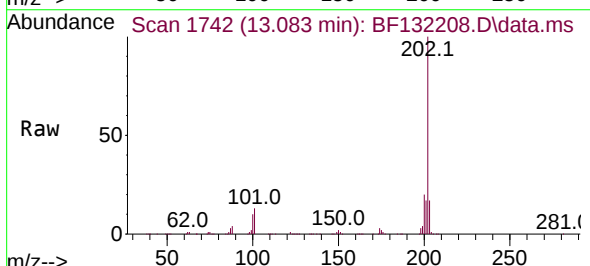
RT: 13.083 min Scan# 1742

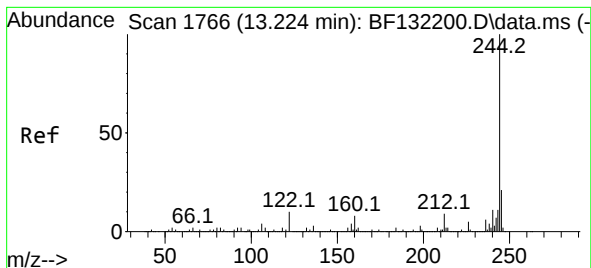
Delta R.T. -0.006 min

Lab File: BF132208.D

Acq: 27 Jan 2023 20:29

Tgt Ion:202 Resp: 174379
 Ion Ratio Lower Upper
 202 100
 200 19.5 17.4 26.2
 203 17.4 14.7 22.1





#79

Terphenyl-d14

Concen: 71.600 ng

RT: 13.224 min Scan# 1766

Delta R.T. 0.000 min

Lab File: BF132208.D

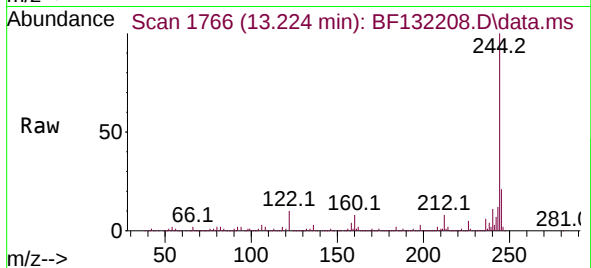
Acq: 27 Jan 2023 20:29

Instrument :

BNA_F

ClientSampleId :

LOD-MDL-WATER-01-QT3-2022



Tgt Ion:244 Resp: 2174894

Ion Ratio Lower Upper

244 100

212 8.4 6.8 10.2

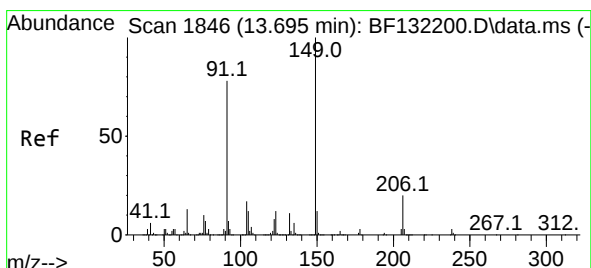
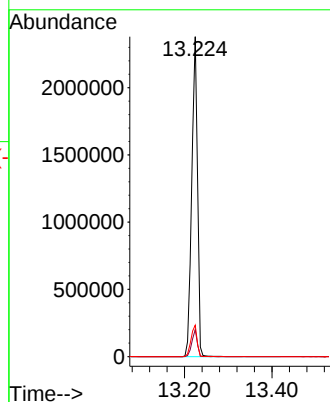
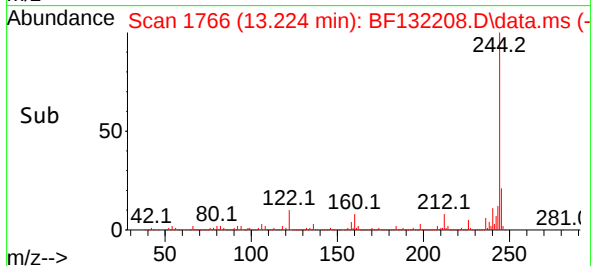
122 9.8 8.3 12.5

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 01/30/2023

Supervised By :Jagrut Upadhyay 01/30/2023



#80

Butylbenzylphthalate

Concen: 4.494 ng

RT: 13.695 min Scan# 1846

Delta R.T. -0.000 min

Lab File: BF132208.D

Acq: 27 Jan 2023 20:29

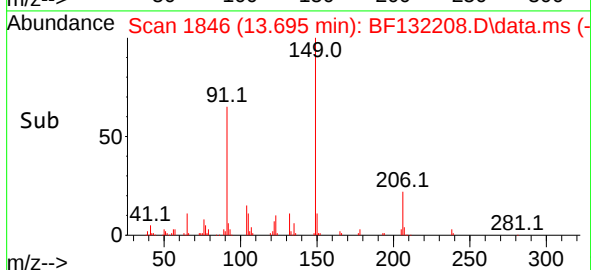
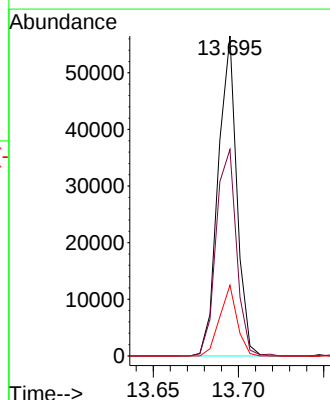
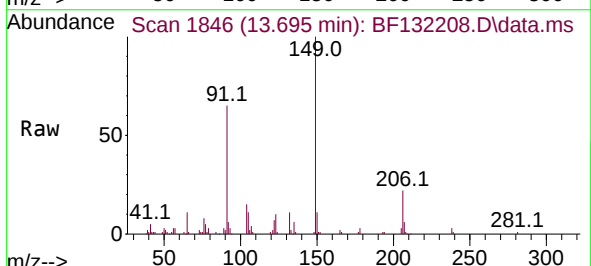
Tgt Ion:149 Resp: 42914

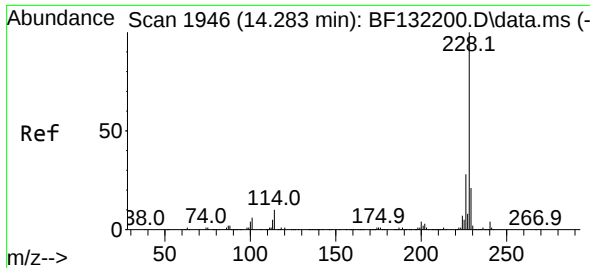
Ion Ratio Lower Upper

149 100

91 64.5 62.1 93.1

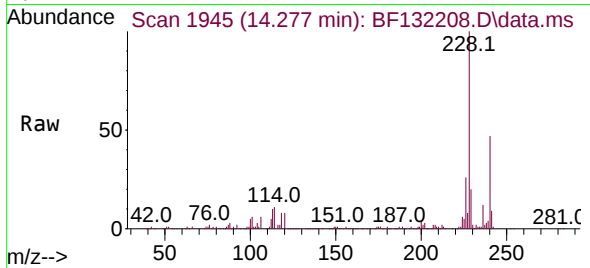
206 22.1 15.8 23.8





#81
Benzo(a)anthracene
Concen: 3.924 ng
RT: 14.277 min Scan# 1945
Delta R.T. -0.006 min
Lab File: BF132208.D
Acq: 27 Jan 2023 20:29

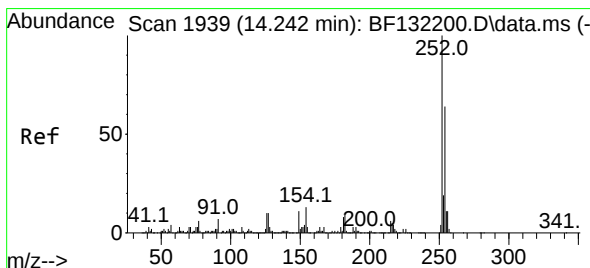
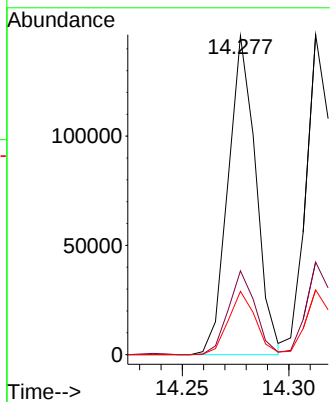
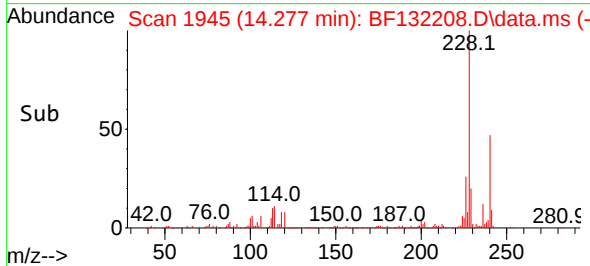
Instrument : BNA_F
ClientSampleId :
LOD-MDL-WATER-01-QT3-2022



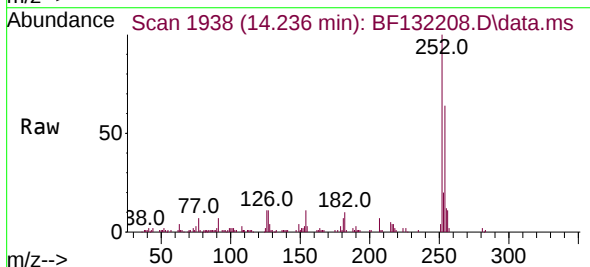
Tgt Ion:228 Resp: 131679
Ion Ratio Lower Upper
228 100
226 26.3 22.6 33.8
229 19.9 16.5 24.7

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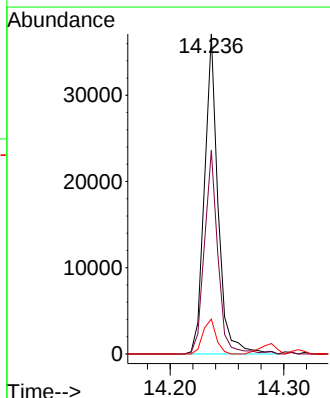
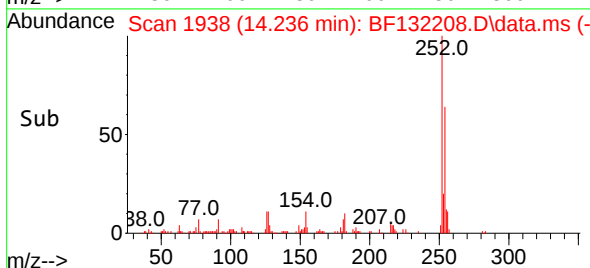
Reviewed By :Christian Giraldo 01/30/2023
Supervised By :Jagrut Upadhyay 01/30/2023

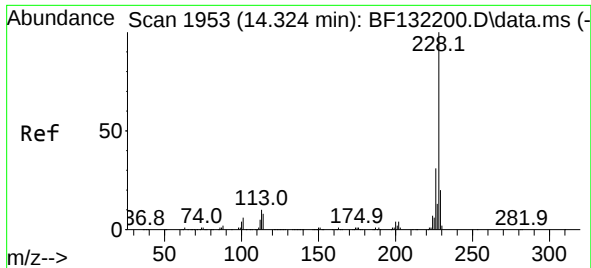


#82
3,3'-Dichlorobenzidine
Concen: 3.401 ng
RT: 14.236 min Scan# 1938
Delta R.T. -0.006 min
Lab File: BF132208.D
Acq: 27 Jan 2023 20:29



Tgt Ion:252 Resp: 30924
Ion Ratio Lower Upper
252 100
254 63.6 51.5 77.3
126 10.9 8.0 12.0





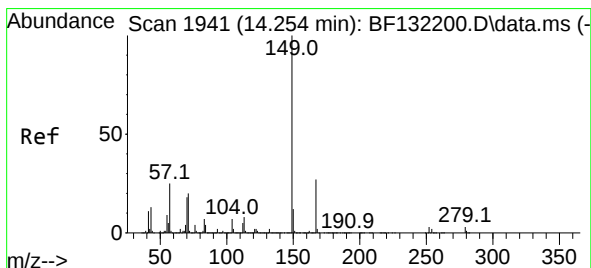
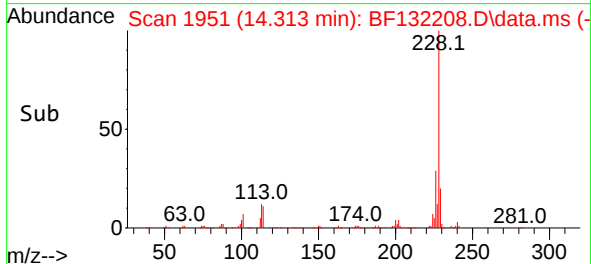
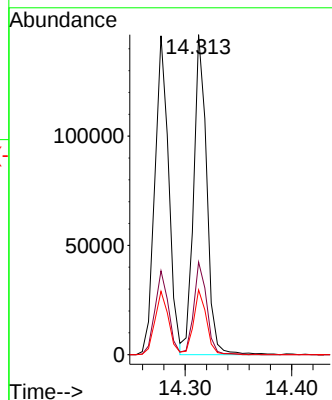
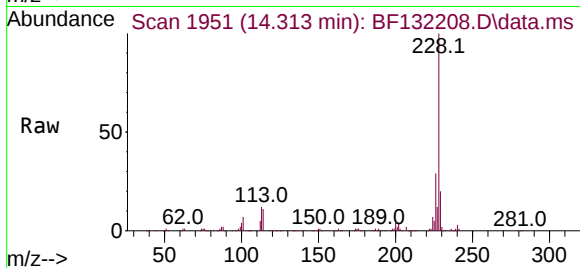
#83
Chrysene
Concen: 3.988 ng
RT: 14.313 min Scan# 1951
Delta R.T. -0.012 min
Lab File: BF132208.D
Acq: 27 Jan 2023 20:29

Instrument : BNA_F
ClientSampleId : LOD-MDL-WATER-01-QT3-2022

Tgt Ion:228 Resp: 124715
Ion Ratio Lower Upper
228 100
226 28.9 24.9 37.3
229 20.2 16.2 24.4

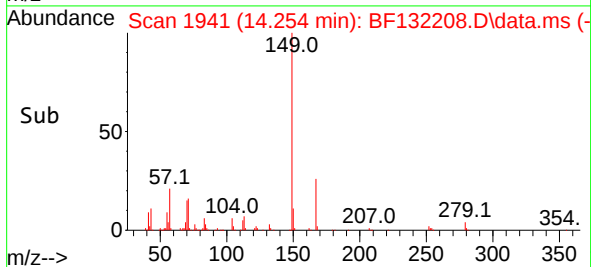
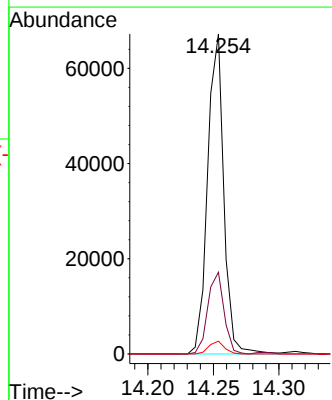
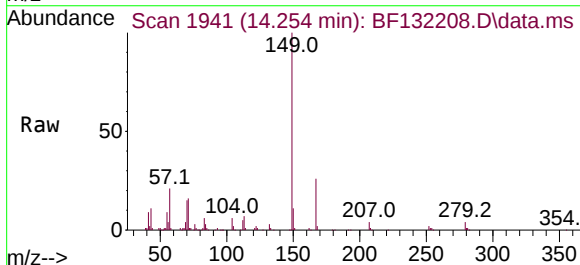
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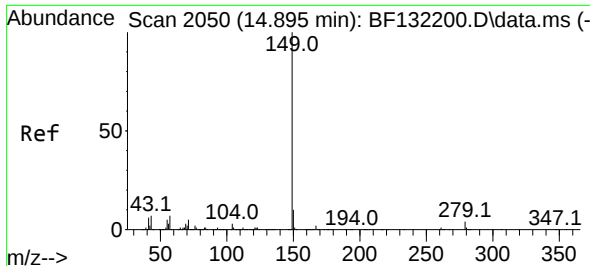
Reviewed By :Christian Giraldo 01/30/2023
Supervised By :Jagrut Upadhyay 01/30/2023



#84
Bis(2-ethylhexyl)phthalate
Concen: 3.643 ng
RT: 14.254 min Scan# 1941
Delta R.T. -0.000 min
Lab File: BF132208.D
Acq: 27 Jan 2023 20:29

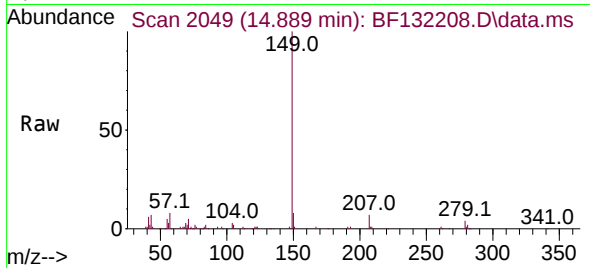
Tgt Ion:149 Resp: 57548
Ion Ratio Lower Upper
149 100
167 25.5 21.7 32.5
279 4.0 2.8 4.2





#85
Di-n-octyl phthalate
Concen: 7.012 ng
RT: 14.889 min Scan# 2049
Delta R.T. -0.006 min
Lab File: BF132208.D
Acq: 27 Jan 2023 20:29

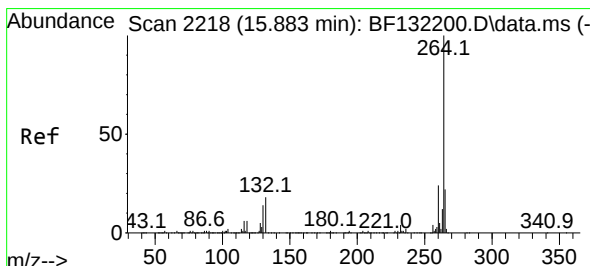
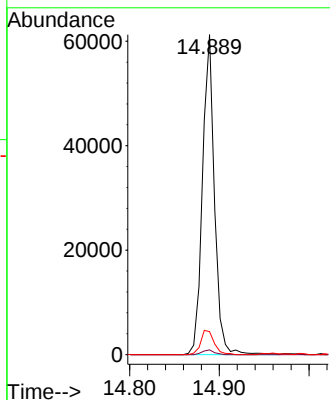
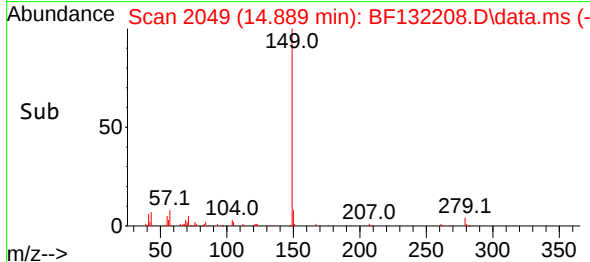
Instrument : BNA_F
ClientSampleId : LOD-MDL-WATER-01-QT3-2022



Tgt Ion:149 Resp: 56795
Ion Ratio Lower Upper
149 100
167 1.5 1.2 1.8
43 8.5 6.6 10.0

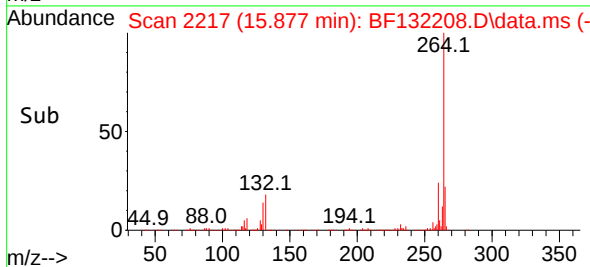
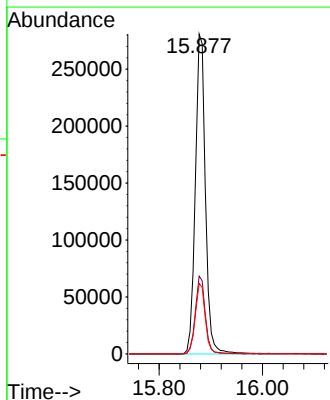
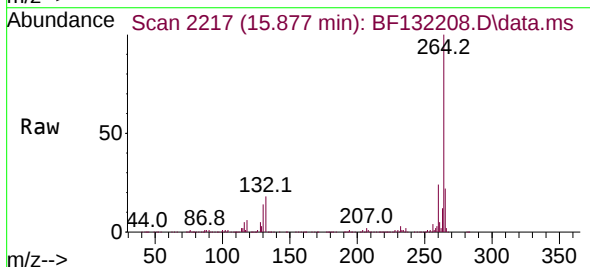
Manual Integrations
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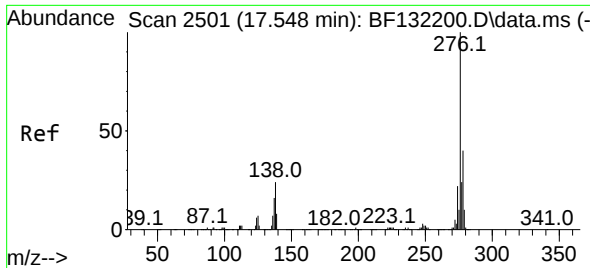
Reviewed By :Christian Giraldo 01/30/2023
Supervised By :Jagrut Upadhyay 01/30/2023



#86
Perylene-d12
Concen: 20.000 ng
RT: 15.877 min Scan# 2217
Delta R.T. -0.006 min
Lab File: BF132208.D
Acq: 27 Jan 2023 20:29

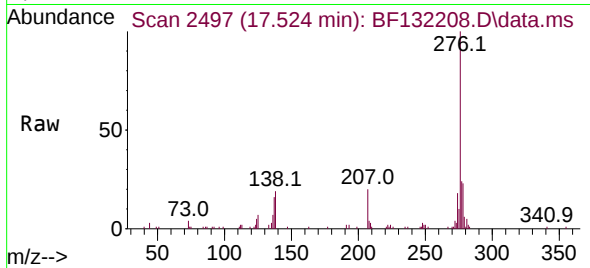
Tgt Ion:264 Resp: 380325
Ion Ratio Lower Upper
264 100
260 24.3 18.8 28.2
265 22.0 17.4 26.2





#87
 Indeno(1,2,3-cd)pyrene
 Concen: 2.731 ng
 RT: 17.524 min Scan# 2497
 Delta R.T. -0.023 min
 Lab File: BF132208.D
 Acq: 27 Jan 2023 20:29

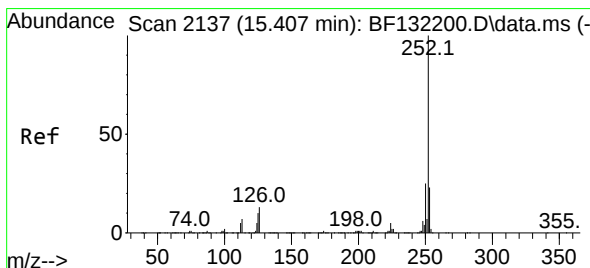
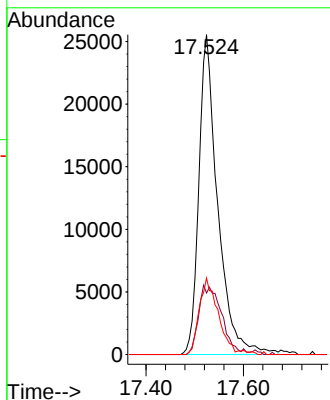
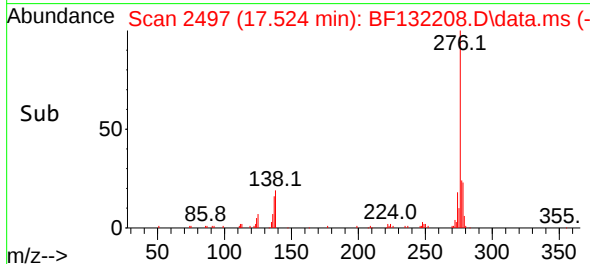
Instrument :
 BNA_F
 ClientSampleId :
 LOD-MDL-WATER-01-QT3-2022



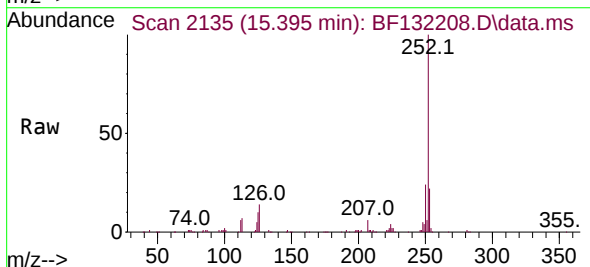
Tgt Ion: 276 Resp: 68675
 Ion Ratio Lower Upper
 276 100
 138 26.5 21.0 31.6
 277 23.8 20.0 30.0

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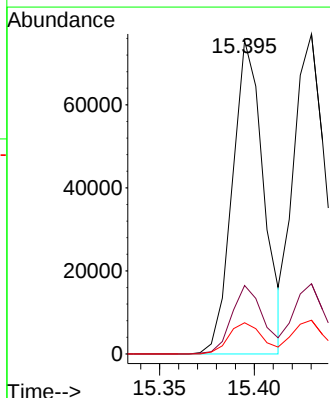
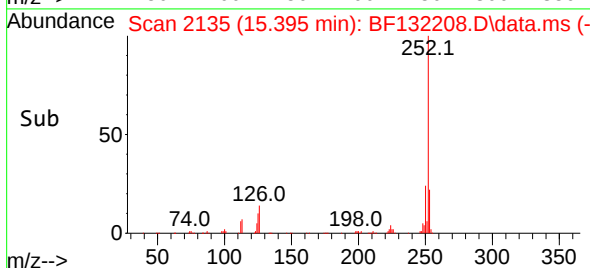
Reviewed By : Christian Giraldo 01/30/2023
 Supervised By : Jagrut Upadhyay 01/30/2023

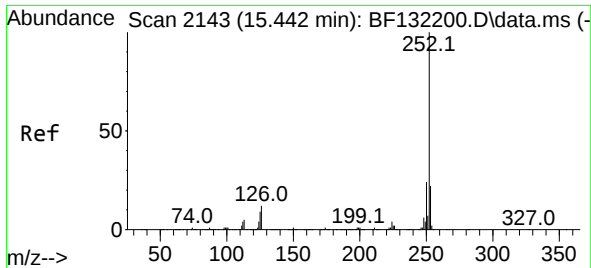


#88
 Benzo(b)fluoranthene
 Concen: 3.729 ng
 RT: 15.395 min Scan# 2135
 Delta R.T. -0.012 min
 Lab File: BF132208.D
 Acq: 27 Jan 2023 20:29



Tgt Ion: 252 Resp: 87108
 Ion Ratio Lower Upper
 252 100
 253 21.8 18.0 27.0
 125 9.9 8.2 12.4





#89

Benzo(k)fluoranthene

Concen: 3.967 ng

RT: 15.430 min Scan# 2141

Delta R.T. -0.012 min

Lab File: BF132208.D

Acq: 27 Jan 2023 20:29

Instrument :

BNA_F

ClientSampleId :

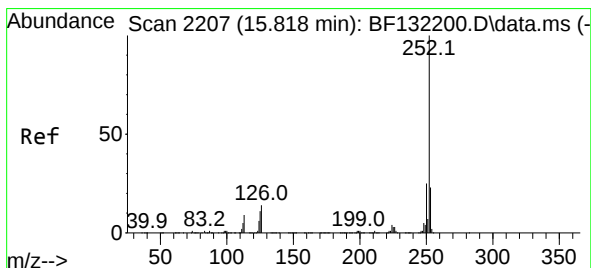
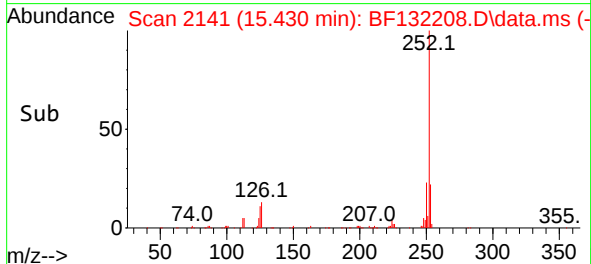
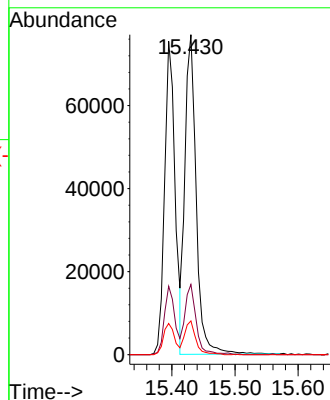
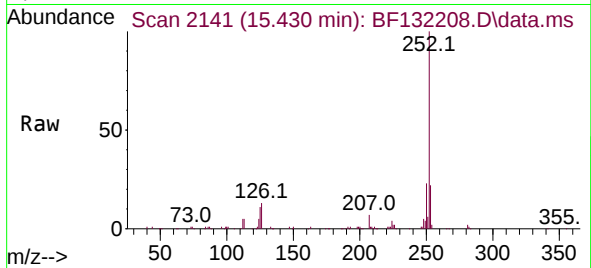
LOD-MDL-WATER-01-QT3-2022

Tgt Ion:252 Resp: 95603
 Ion Ratio Lower Upper
 252 100
 253 21.9 17.8 26.6
 125 10.5 7.7 11.5

Manual Integrations

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Reviewed By :Christian Giraldo 01/30/2023
 Supervised By :Jagrut Upadhyay 01/30/2023



#90

Benzo(a)pyrene

Concen: 3.223 ng

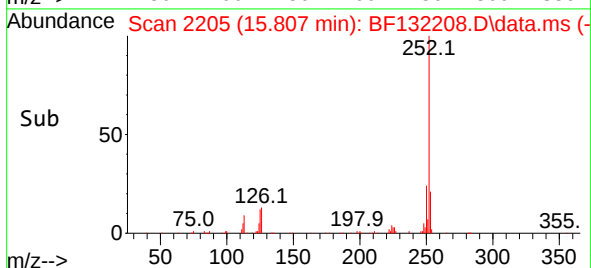
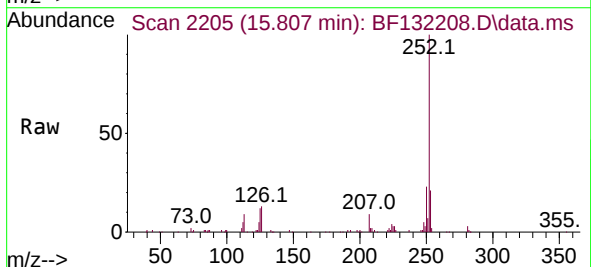
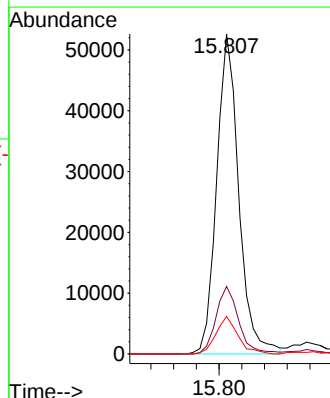
RT: 15.807 min Scan# 2205

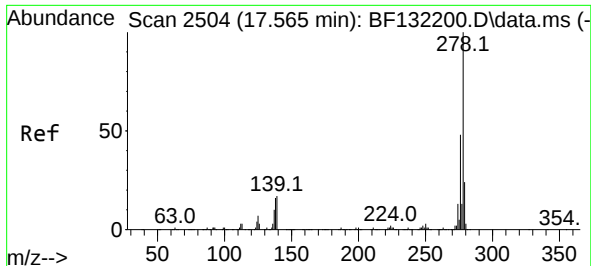
Delta R.T. -0.012 min

Lab File: BF132208.D

Acq: 27 Jan 2023 20:29

Tgt Ion:252 Resp: 71041
 Ion Ratio Lower Upper
 252 100
 253 21.1 18.3 27.5
 125 11.7 9.0 13.6





#91

Dibenzo(a,h)anthracene

Concen: 2.869 ng

RT: 17.548 min Scan# 2501

Delta R.T. -0.018 min

Lab File: BF132208.D

Acq: 27 Jan 2023 20:29

Instrument :

BNA_F

ClientSampleId :

LOD-MDL-WATER-01-QT3-2022

Tgt Ion:278 Resp: 58976

Ion Ratio Lower Upper

278 100

139 17.8 13.2 19.8

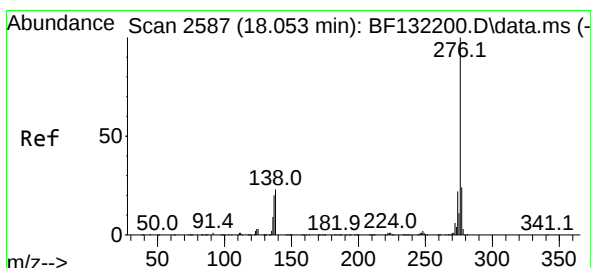
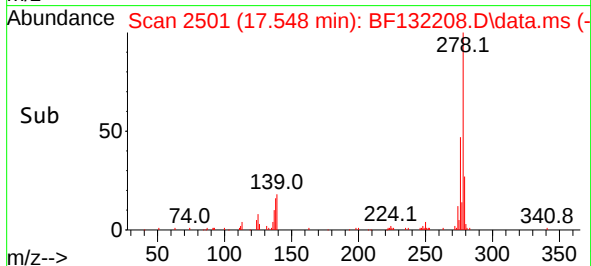
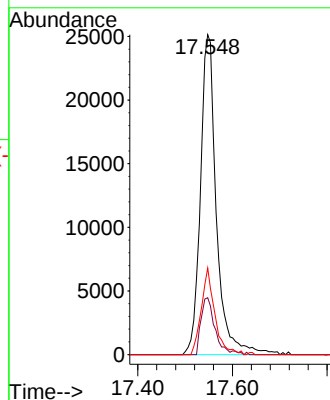
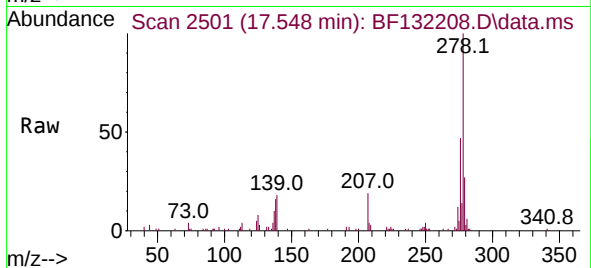
279 27.1 19.1 28.7

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 01/30/2023

Supervised By :Jagrut Upadhyay 01/30/2023



#92

Benzo(g,h,i)perylene

Concen: 2.863 ng

RT: 18.024 min Scan# 2582

Delta R.T. -0.029 min

Lab File: BF132208.D

Acq: 27 Jan 2023 20:29

Tgt Ion:276 Resp: 60017

Ion Ratio Lower Upper

276 100

277 23.6 19.1 28.7

138 22.4 18.3 27.5

