

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF013123\
 Data File : BF132247.D
 Acq On : 01 Feb 2023 00:28
 Operator : CG\JU
 Sample : N3980-09
 Misc : MDL-MDL-WATER 4PPM
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 MDL-WATER-03-QT3-2022

Quant Time: Feb 01 06:00:16 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF013123.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Feb 01 05:24:37 2023
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By : Christian Giraldo 02/01/2023
 Supervised By : Jagrut Upadhyay 02/01/2023

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.066	152	201214	20.000	ng	0.00
21) Naphthalene-d8	8.354	136	749800	20.000	ng	0.00
39) Acenaphthene-d10	10.119	164	385011	20.000	ng	0.00
64) Phenanthrene-d10	11.619	188	698161	20.000	ng	0.00
76) Chrysene-d12	14.277	240	490663	20.000	ng	#-0.01
86) Perylene-d12	15.866	264	460899	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.684	112	1241203	99.153	ng	0.00
7) Phenol-d6	6.684	99	1526483	98.911	ng	0.00
23) Nitrobenzene-d5	7.631	82	942585	69.955	ng	0.00
42) 2,4,6-Tribromophenol	10.913	330	431423	108.964	ng	0.00
45) 2-Fluorobiphenyl	9.437	172	1609954	64.574	ng	0.00
79) Terphenyl-d14	13.213	244	1688947	66.586	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	2.966	88	21362	3.627	ng	98
3) Pyridine	3.784	79	51531	3.225	ng	97
4) n-Nitrosodimethylamine	3.684	42	18116	3.543	ng	96
6) Aniline	6.731	93	77509	3.701	ng	96
8) 2-Chlorophenol	6.848	128	53931	4.160	ng	93
9) Benzaldehyde	6.619	77	42835	3.609	ng	99
10) Phenol	6.696	94	62961	3.942	ng	92
11) bis(2-Chloroethyl)ether	6.796	93	51301	3.902	ng	99
12) 1,3-Dichlorobenzene	7.007	146	58571	4.271	ng	98
13) 1,4-Dichlorobenzene	7.084	146	58496	4.274	ng	99
14) 1,2-Dichlorobenzene	7.243	146	54519	4.271	ng	96
15) Benzyl Alcohol	7.196	79	55003m	4.884	ng	
16) 2,2'-oxybis(1-Chloropr...	7.331	45	55183	3.984	ng	98
17) 2-Methylphenol	7.295	107	42528	3.747	ng	97
18) Hexachloroethane	7.584	117	20622	4.016	ng	95
19) n-Nitroso-di-n-propyla...	7.466	70	35007	3.993	ng	97
20) 3+4-Methylphenols	7.448	107	55662	3.843	ng	93
22) Acetophenone	7.466	105	77343	4.386	ng	99
24) Nitrobenzene	7.648	77	54339	3.948	ng	98
25) Isophorone	7.878	82	97888	3.828	ng	98
26) 2-Nitrophenol	7.966	139	25289	3.772	ng	90
27) 2,4-Dimethylphenol	7.984	122	43822	3.734	ng	98
28) bis(2-Chloroethoxy)met...	8.090	93	64613	4.111	ng	96
29) 2,4-Dichlorophenol	8.201	162	40884	3.924	ng	95
30) 1,2,4-Trichlorobenzene	8.290	180	47151	4.226	ng	97
31) Naphthalene	8.378	128	155388	4.210	ng	98
32) Benzoic acid	8.019	122	19813	2.281	ng	97
33) 4-Chloroaniline	8.419	127	63960	3.908	ng	97
34) Hexachlorobutadiene	8.490	225	26217	4.180	ng	98
35) Caprolactam	8.742	113	13222	3.722	ng	89
36) 4-Chloro-3-methylphenol	8.884	107	42607	3.796	ng	96
37) 2-Methylnaphthalene	9.072	142	101460	4.058	ng	99
38) 1-Methylnaphthalene	9.172	142	98054	4.221	ng	99
40) 1,2,4,5-Tetrachloroben...	9.237	216	44259	4.085	ng	98
41) Hexachlorocyclopentadiene	9.219	237	24390	3.858	ng	98
43) 2,4,6-Trichlorophenol	9.342	196	28729	3.709	ng	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.378	196	30372	3.407	ng	95
46) 1,1'-Biphenyl	9.531	154	130880	4.409	ng	99
47) 2-Chloronaphthalene	9.560	162	93955	4.156	ng	98
48) 2-Nitroaniline	9.648	65	23232	3.455	ng	98
49) Acenaphthylene	9.978	152	149050	4.040	ng	99
50) Dimethylphthalate	9.825	163	107464	3.990	ng	100
51) 2,6-Dinitrotoluene	9.889	165	22226	3.695	ng	88
52) Acenaphthene	10.154	154	92345	3.998	ng	99
53) 3-Nitroaniline	10.060	138	25298	3.468	ng	96
54) 2,4-Dinitrophenol	10.160	184	5804	5.902	ng	# 1
55) Dibenzofuran	10.325	168	135486	4.174	ng	93
56) 4-Nitrophenol	10.195	139	17596	3.206	ng	# 84
57) 2,4-Dinitrotoluene	10.289	165	28005	3.584	ng	99
58) Fluorene	10.672	166	105970	4.243	ng	99
59) 2,3,4,6-Tetrachlorophenol	10.436	232	23628	3.636	ng	97
60) Diethylphthalate	10.531	149	106834	3.988	ng	100
61) 4-Chlorophenyl-phenyle...	10.660	204	48499	4.091	ng	98
62) 4-Nitroaniline	10.666	138	24275	3.470	ng	97
63) Azobenzene	10.819	77	102000	3.908	ng	98
65) 4,6-Dinitro-2-methylph...	10.701	198	9963	2.514	ng	96
66) n-Nitrosodiphenylamine	10.778	169	89787	4.107	ng	98
67) 4-Bromophenyl-phenylether	11.154	248	28247	3.951	ng	95
68) Hexachlorobenzene	11.219	284	33321	4.361	ng	96
69) Atrazine	11.295	200	26354	4.191	ng	96
70) Pentachlorophenol	11.413	266	13436	2.559	ng	94
71) Phenanthrene	11.642	178	155238	4.255	ng	98
72) Anthracene	11.695	178	157015	4.229	ng	97
73) Carbazole	11.842	167	137582	4.133	ng	98
74) Di-n-butylphthalate	12.166	149	155483	3.951	ng	98
75) Fluoranthene	12.836	202	148705	3.994	ng	97
77) Benzidine	12.954	184	71732	4.182	ng	99
78) Pyrene	13.072	202	157211	3.984	ng	98
80) Butylbenzylphthalate	13.683	149	55762	3.198	ng	98
81) Benzo(a)anthracene	14.266	228	132739	3.868	ng	99
82) 3,3'-Dichlorobenzidine	14.224	252	43026	3.936	ng	96
83) Chrysene	14.307	228	123928	3.857	ng	96
84) Bis(2-ethylhexyl)phtha...	14.242	149	80204	3.403	ng	98
85) Di-n-octyl phthalate	14.877	149	124467	3.238	ng	100
87) Indeno(1,2,3-cd)pyrene	17.501	276	94827	3.096	ng	98
88) Benzo(b)fluoranthene	15.383	252	113521	3.875	ng	99
89) Benzo(k)fluoranthene	15.419	252	111287	3.980	ng	98
90) Benzo(a)pyrene	15.795	252	94559	3.466	ng	98
91) Dibenzo(a,h)anthracene	17.524	278	80947	3.288	ng	100
92) Benzo(g,h,i)perylene	18.001	276	81643	3.210	ng	98

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

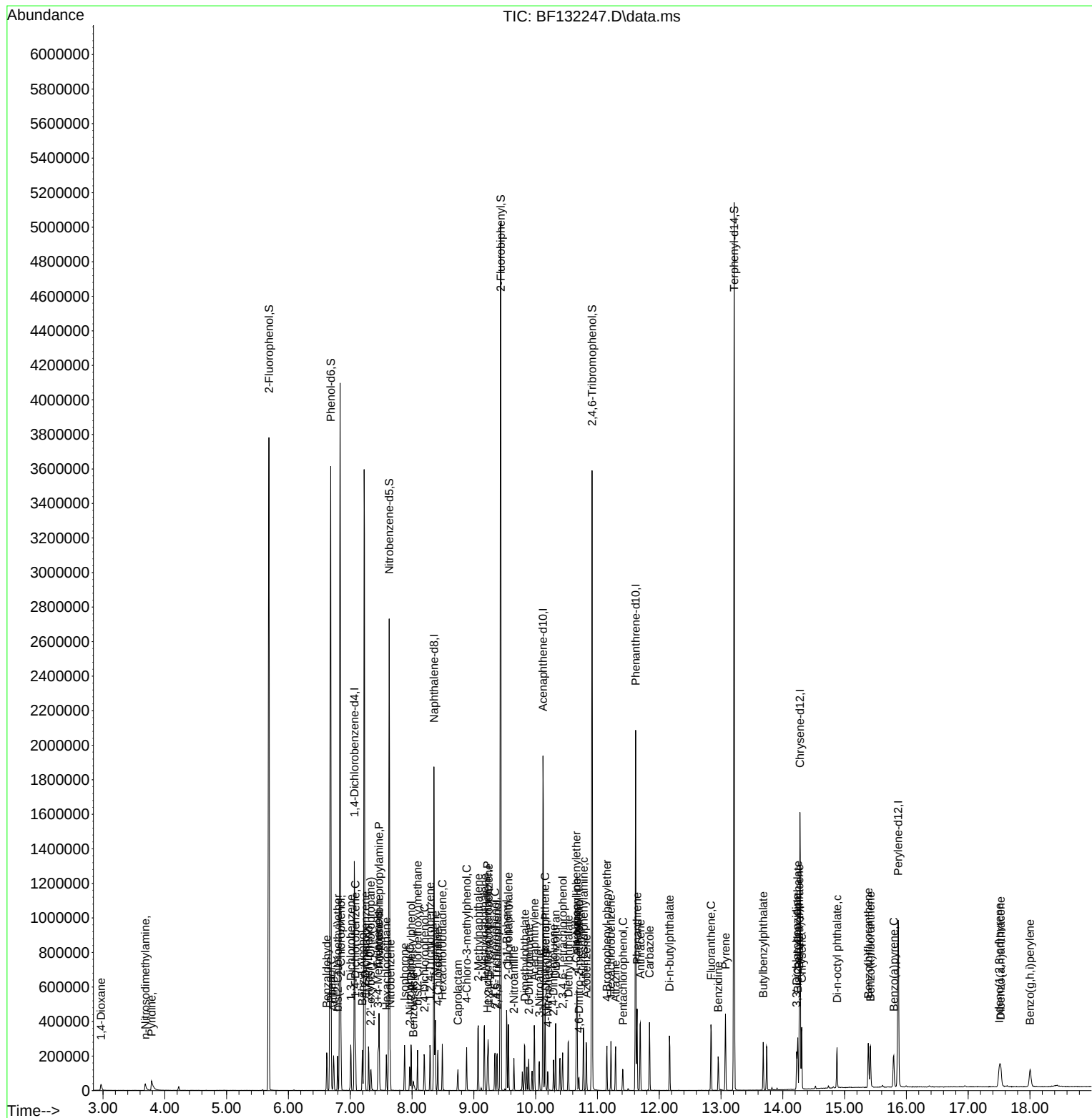
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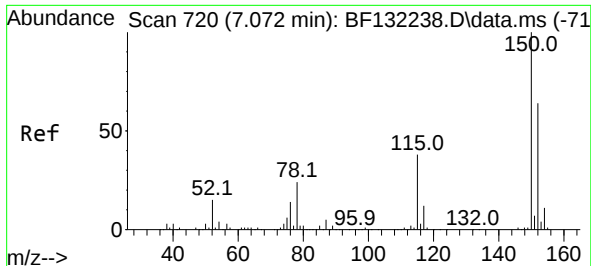
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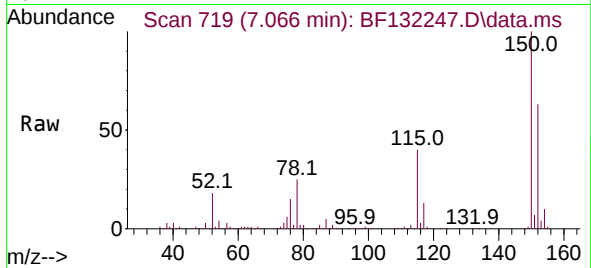
Reviewed By : Christian Giraldo 02/01/2023
 Supervised By : Jagrut Upadhyay 02/01/2023





#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.066 min Scan# 71
Delta R.T. -0.006 min
Lab File: BF132247.D
Acq: 01 Feb 2023 00:28

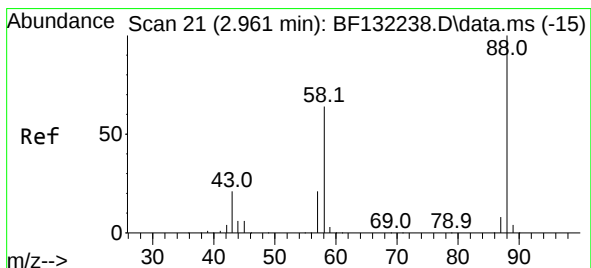
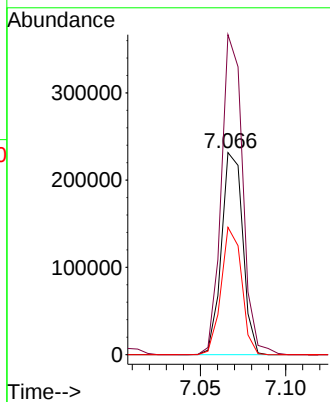
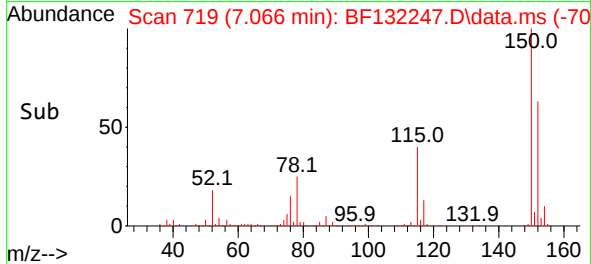
Instrument :
BNA_F
ClientSampleId :
MDL-WATER-03-QT3-2022



Tgt Ion:152 Resp: 201214
Ion Ratio Lower Upper
152 100
150 158.4 124.2 186.2
115 63.0 47.3 70.9

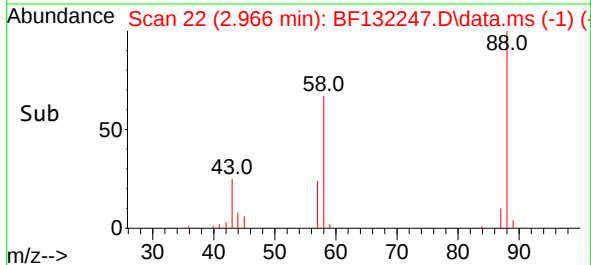
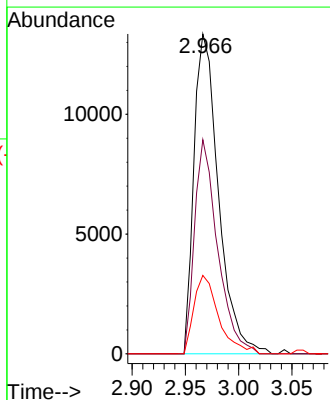
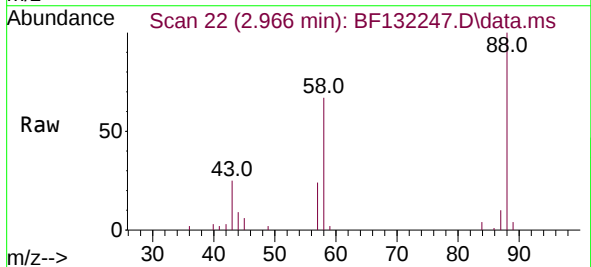
Manual Integrations
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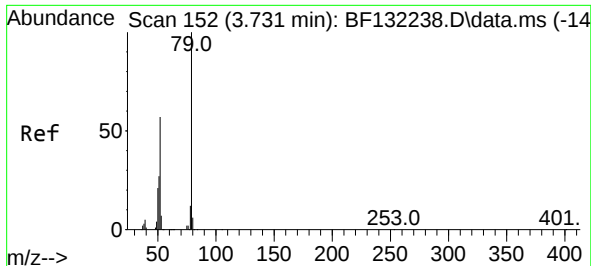
Reviewed By :Christian Giraldo 02/01/2023
Supervised By :Jagrut Upadhyay 02/01/2023



#2
1,4-Dioxane
Concen: 3.627 ng
RT: 2.966 min Scan# 22
Delta R.T. 0.006 min
Lab File: BF132247.D
Acq: 01 Feb 2023 00:28

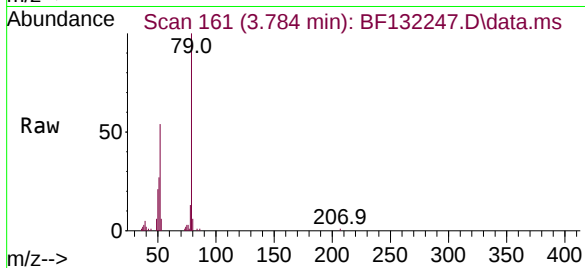
Tgt Ion: 88 Resp: 21362
Ion Ratio Lower Upper
88 100
58 62.7 50.2 75.2
43 24.9 16.9 25.3





#3
Pyridine
Concen: 3.225 ng
RT: 3.784 min Scan# 10
Delta R.T. 0.053 min
Lab File: BF132247.D
Acq: 01 Feb 2023 00:28

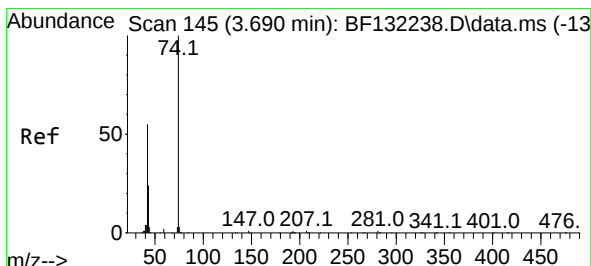
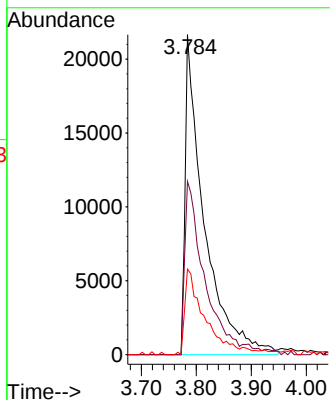
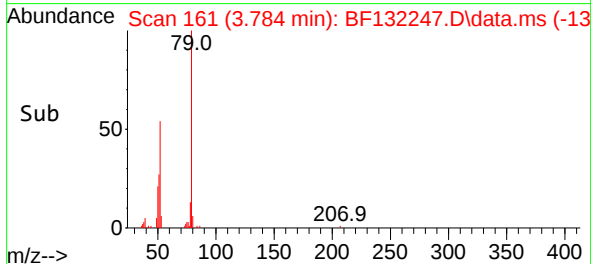
Instrument :
BNA_F
ClientSampleId :
MDL-WATER-03-QT3-2022



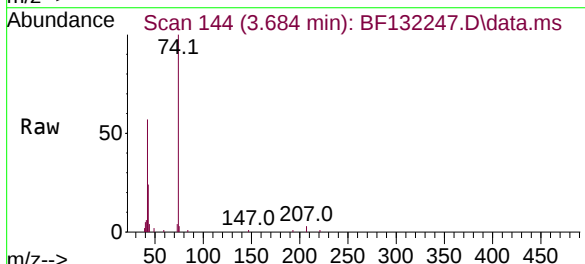
Tgt Ion: 79 Resp: 5153
Ion Ratio Lower Upper
79 100
52 54.1 45.6 68.4
51 26.7 21.5 32.3

Manual Integrations
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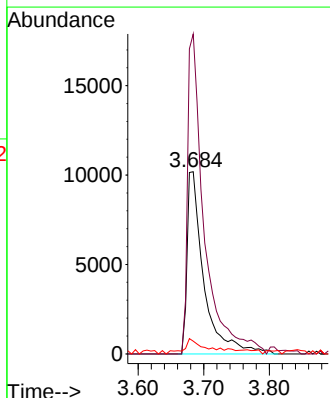
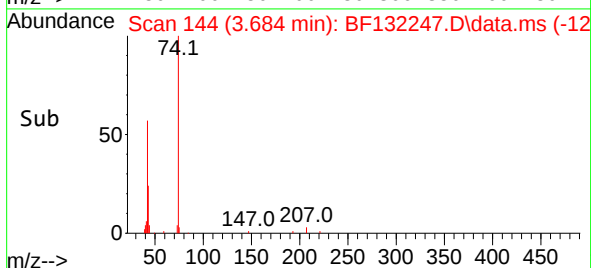
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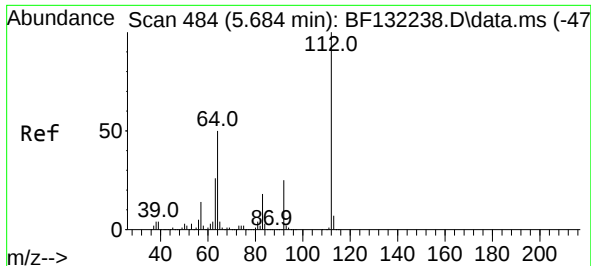


#4
n-Nitrosodimethylamine
Concen: 3.543 ng
RT: 3.684 min Scan# 144
Delta R.T. -0.006 min
Lab File: BF132247.D
Acq: 01 Feb 2023 00:28



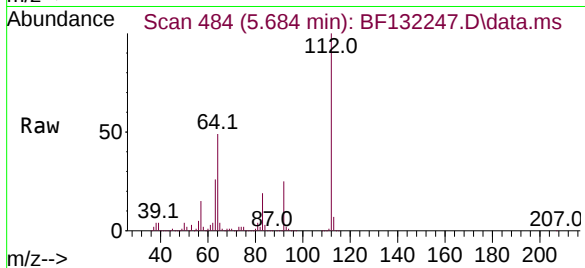
Tgt Ion: 42 Resp: 18116
Ion Ratio Lower Upper
42 100
74 175.7 144.6 217.0
44 7.0 5.1 7.7





#5
2-Fluorophenol
Concen: 99.153 ng
RT: 5.684 min Scan# 484
Delta R.T. -0.000 min
Lab File: BF132247.D
Acq: 01 Feb 2023 00:28

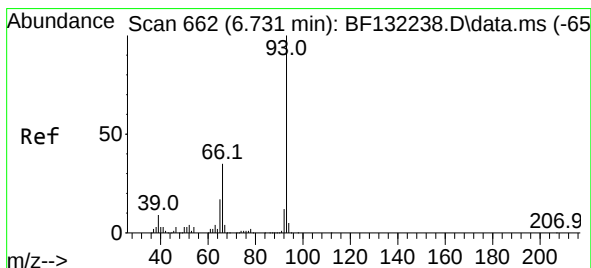
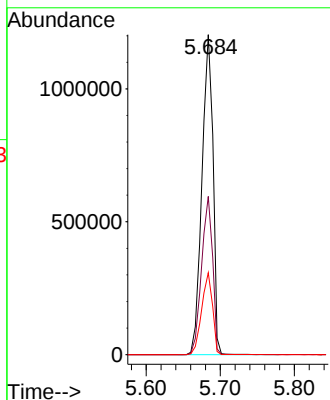
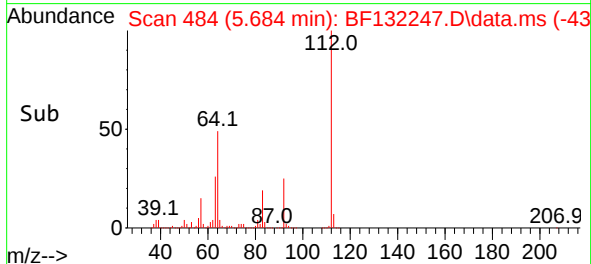
Instrument :
BNA_F
ClientSampleId :
MDL-WATER-03-QT3-2022



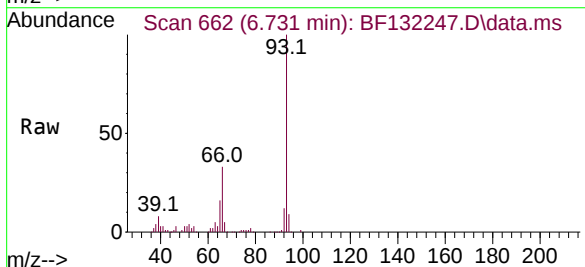
Tgt Ion: 112 Resp: 1241203
Ion Ratio Lower Upper
112 100
64 49.4 40.0 60.0
63 25.6 20.5 30.7

Manual Integrations
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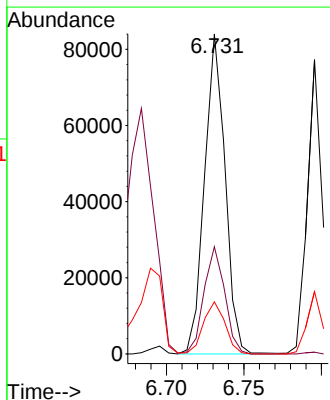
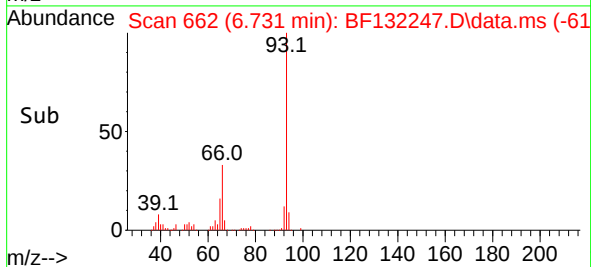
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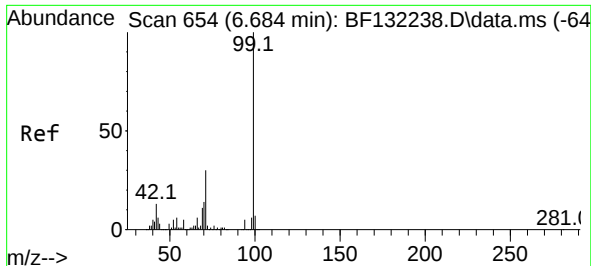


#6
Aniline
Concen: 3.701 ng
RT: 6.731 min Scan# 662
Delta R.T. -0.000 min
Lab File: BF132247.D
Acq: 01 Feb 2023 00:28



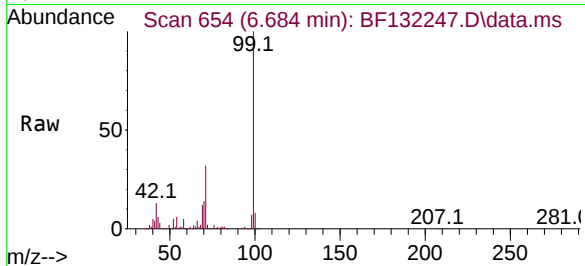
Tgt Ion: 93 Resp: 77509
Ion Ratio Lower Upper
93 100
66 33.5 28.8 43.2
65 16.3 14.2 21.4





#7
Phenol-d6
Concen: 98.911 ng
RT: 6.684 min Scan# 61
Delta R.T. -0.000 min
Lab File: BF132247.D
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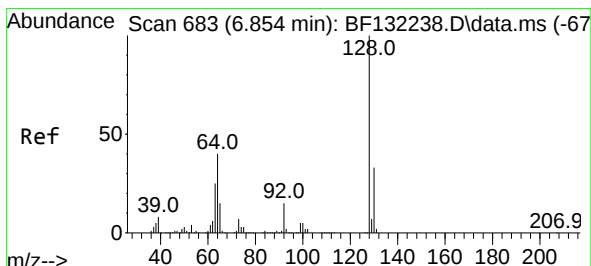
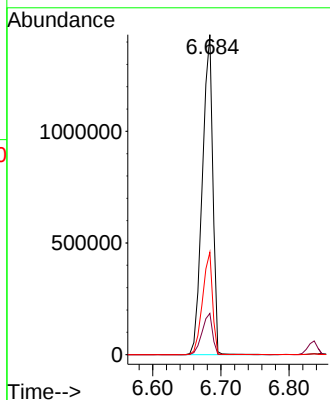
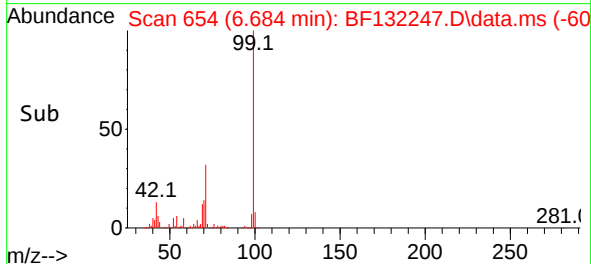
Instrument :
BNA_F
ClientSampleId :
MDL-WATER-03-QT3-2022



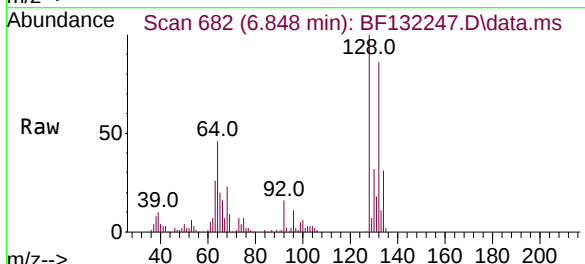
Tgt Ion: 99 Resp: 1526483
Ion Ratio Lower Upper
99 100
42 12.9 10.1 15.1
71 32.0 24.2 36.4

Manual Integrations
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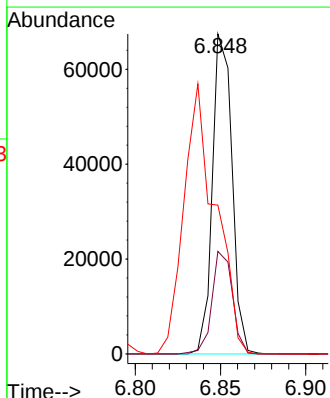
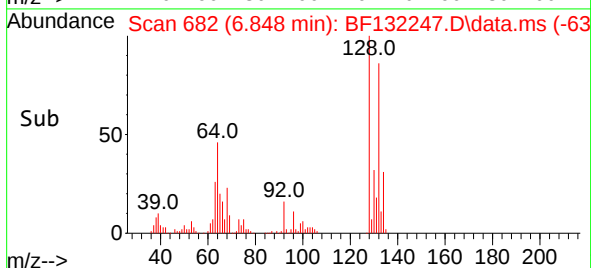
Reviewed By :Christian Giraldo 02/01/2023
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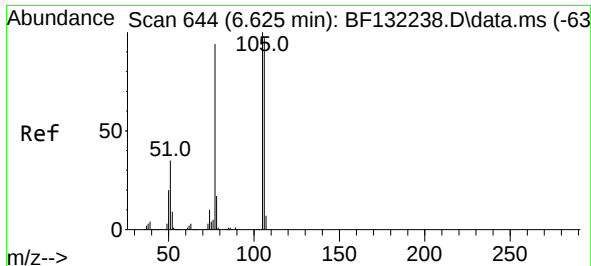


#8
2-Chlorophenol
Concen: 4.160 ng
RT: 6.848 min Scan# 682
Delta R.T. -0.006 min
Lab File: BF132247.D
Acq: 01 Feb 2023 00:28



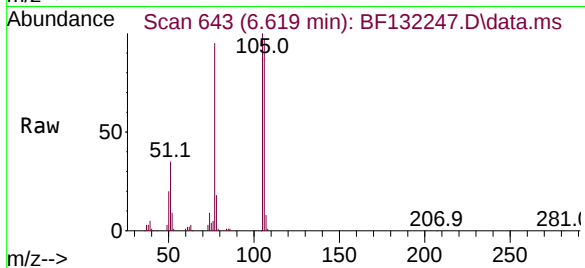
Tgt Ion:128 Resp: 53931
Ion Ratio Lower Upper
128 100
130 32.0 13.3 53.3
64 46.5 20.1 60.1





#9
Benzaldehyde
Concen: 3.609 ng
RT: 6.619 min Scan# 644
Delta R.T. -0.006 min
Lab File: BF132247.D
Acq: 01 Feb 2023 00:28

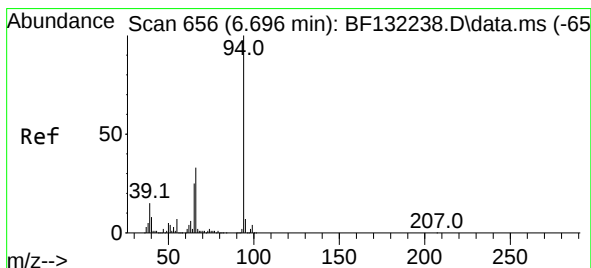
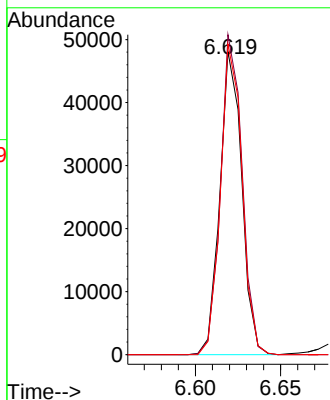
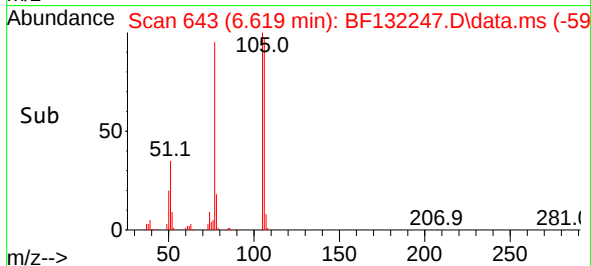
Instrument : BNA_F
ClientSampleId : MDL-WATER-03-QT3-2022



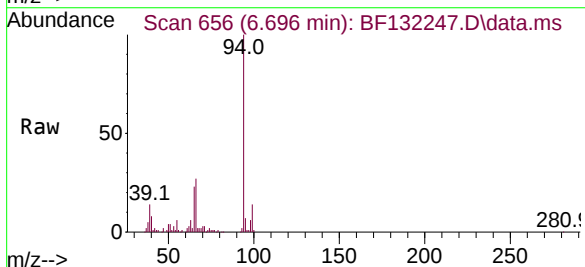
Tgt Ion: 77 Resp: 42835
Ion Ratio Lower Upper
77 100
105 105.6 86.8 126.8
106 102.5 83.8 123.8

Manual Integrations
APPROVED

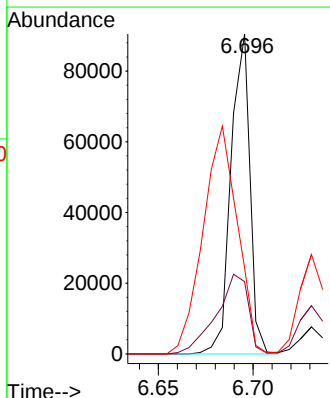
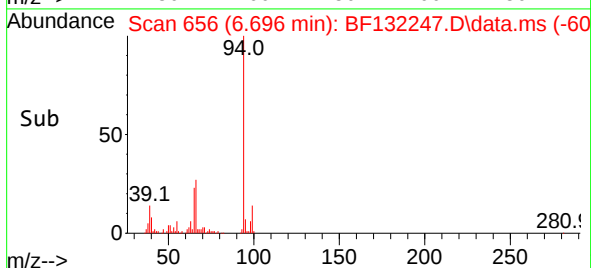
Reviewed By :Christian Giraldo 02/01/2023
Supervised By :Jagrut Upadhyay 02/01/2023

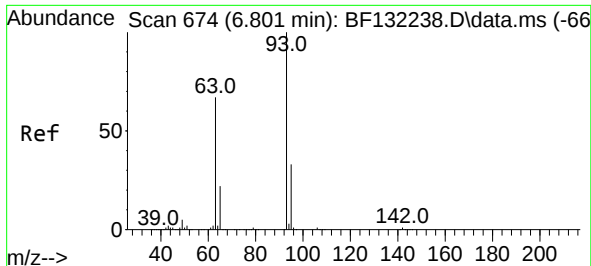


#10
Phenol
Concen: 3.942 ng
RT: 6.696 min Scan# 656
Delta R.T. -0.000 min
Lab File: BF132247.D
Acq: 01 Feb 2023 00:28



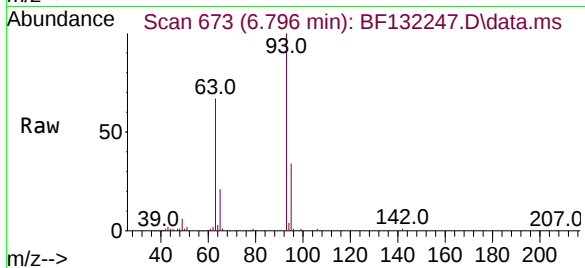
Tgt Ion: 94 Resp: 62961
Ion Ratio Lower Upper
94 100
65 22.6 5.1 45.1
66 26.9 13.0 53.0





#11
bis(2-Chloroethyl)ether
Concen: 3.902 ng
RT: 6.796 min Scan# 61
Delta R.T. -0.006 min
Lab File: BF132247.D
Acq: 01 Feb 2023 00:28

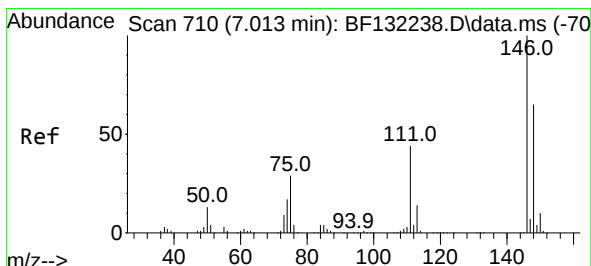
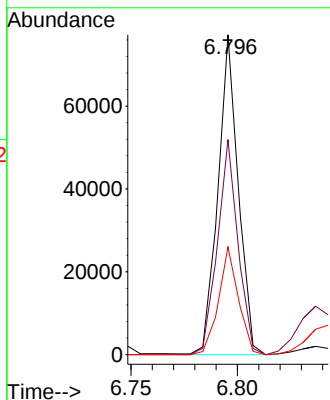
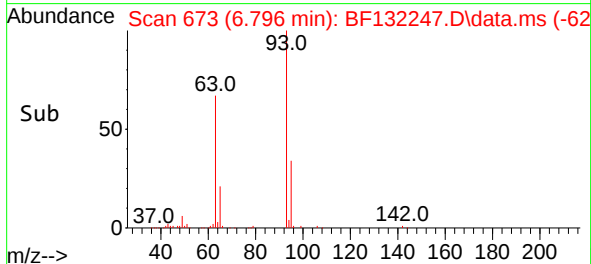
Instrument :
BNA_F
ClientSampleId :
MDL-WATER-03-QT3-2022



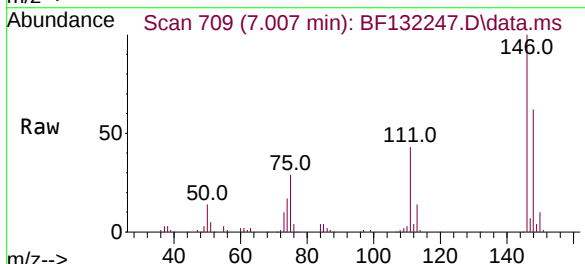
Tgt Ion: 93 Resp: 51301
Ion Ratio Lower Upper
93 100
63 67.2 46.7 86.7
95 33.6 13.4 53.4

Manual Integrations
APPROVED

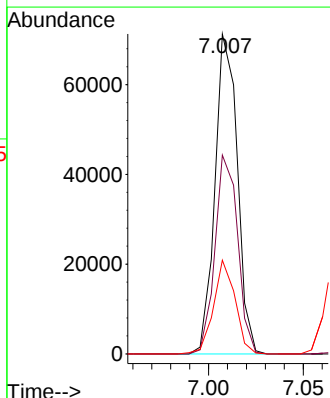
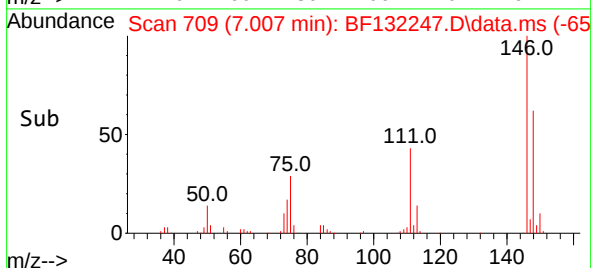
Reviewed By :Christian Giraldo 02/01/2023
Supervised By :Jagrut Upadhyay 02/01/2023

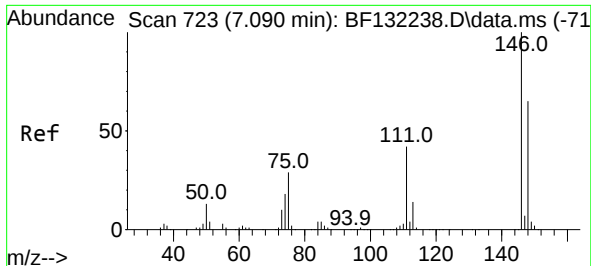


#12
1,3-Dichlorobenzene
Concen: 4.271 ng
RT: 7.007 min Scan# 709
Delta R.T. -0.006 min
Lab File: BF132247.D
Acq: 01 Feb 2023 00:28



Tgt Ion:146 Resp: 58571
Ion Ratio Lower Upper
146 100
148 62.1 51.8 77.8
75 29.3 23.5 35.3





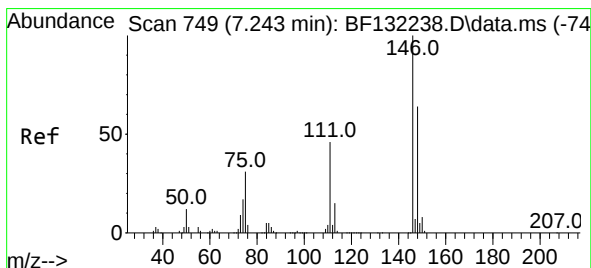
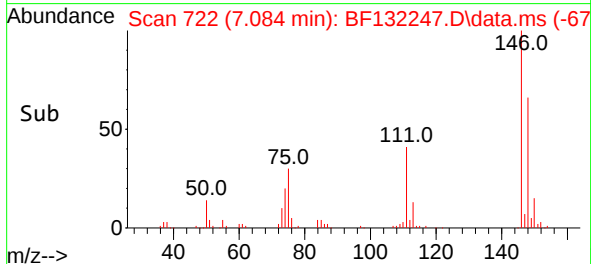
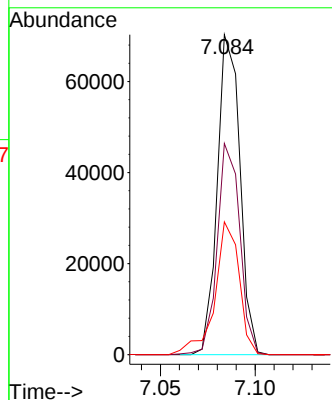
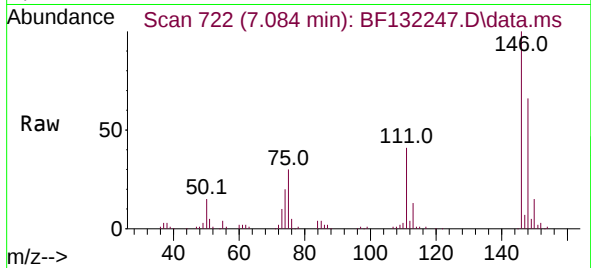
#13
1,4-Dichlorobenzene
Concen: 4.274 ng
RT: 7.084 min Scan# 711
Delta R.T. -0.006 min
Lab File: BF132247.D
Acq: 01 Feb 2023 00:28

Instrument :
BNA_F
ClientSampleId :
MDL-WATER-03-QT3-2022

Tgt Ion:146 Resp: 58496
Ion Ratio Lower Upper
146 100
148 66.0 52.4 78.6
111 41.5 34.0 51.0

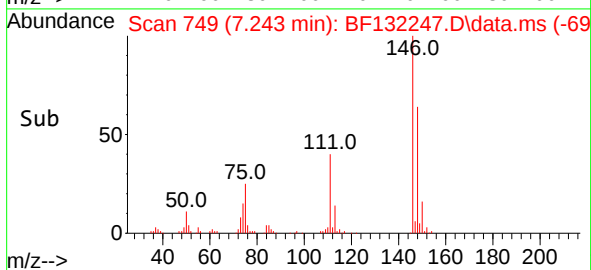
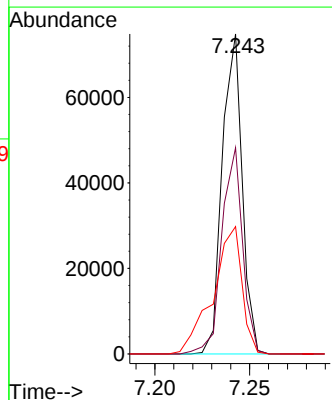
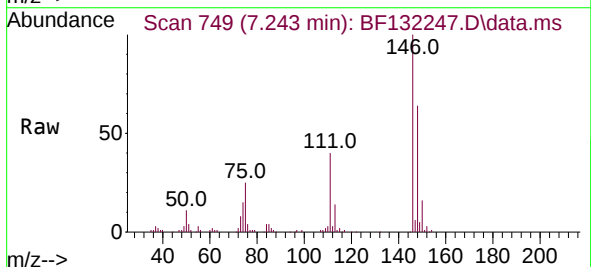
Manual Integrations
APPROVED

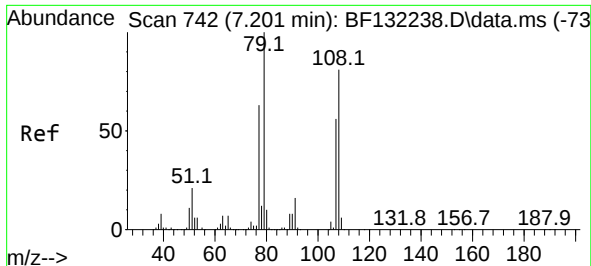
Reviewed By :Christian Giraldo 02/01/2023
Supervised By :Jagrut Upadhyay 02/01/2023



#14
1,2-Dichlorobenzene
Concen: 4.271 ng
RT: 7.243 min Scan# 749
Delta R.T. -0.000 min
Lab File: BF132247.D
Acq: 01 Feb 2023 00:28

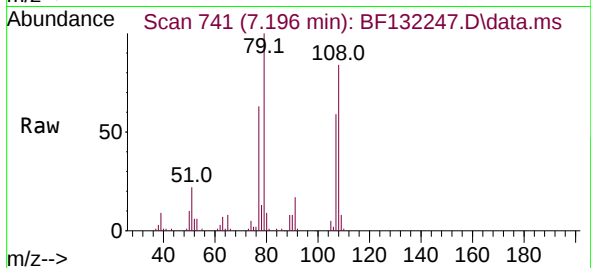
Tgt Ion:146 Resp: 54519
Ion Ratio Lower Upper
146 100
148 64.4 51.4 77.0
111 39.8 37.1 55.7





#15
Benzyl Alcohol
Concen: 4.884 ng m
RT: 7.196 min Scan# 741
Delta R.T. -0.006 min
Lab File: BF132247.D
Acq: 01 Feb 2023 00:28

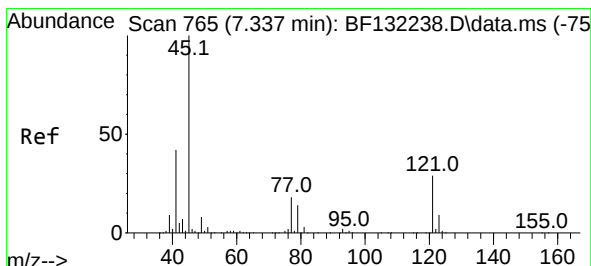
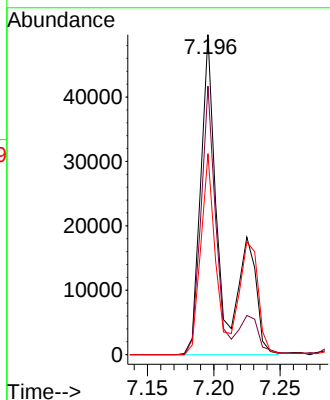
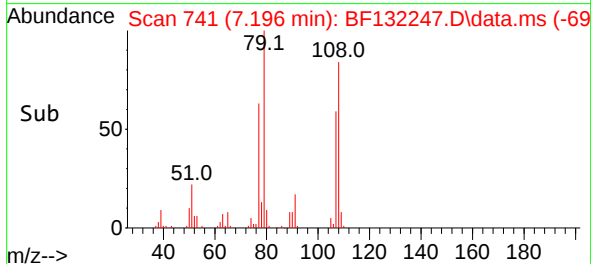
Instrument :
BNA_F
ClientSampleId :
MDL-WATER-03-QT3-2022



Tgt Ion: 79 Resp: 55003
Ion Ratio Lower Upper
79 100
108 83.9 64.6 97.0
77 62.8 50.1 75.1

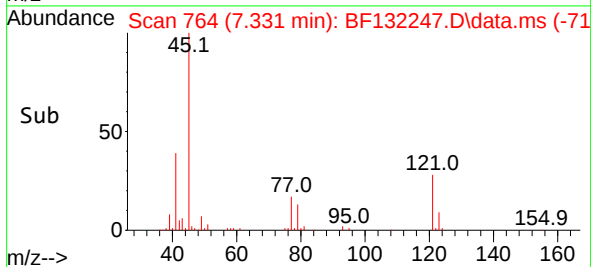
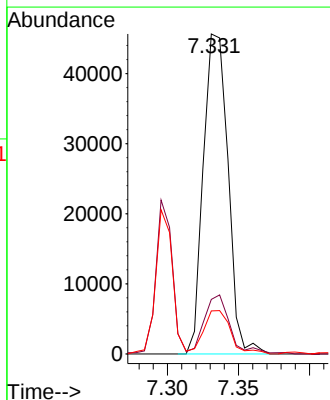
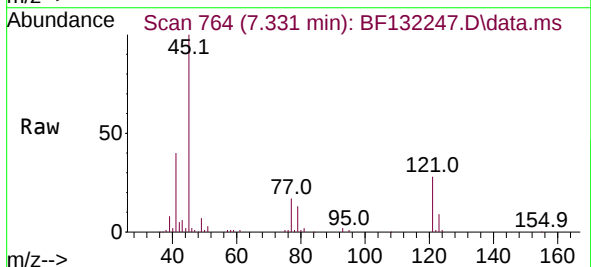
Manual Integrations
APPROVED

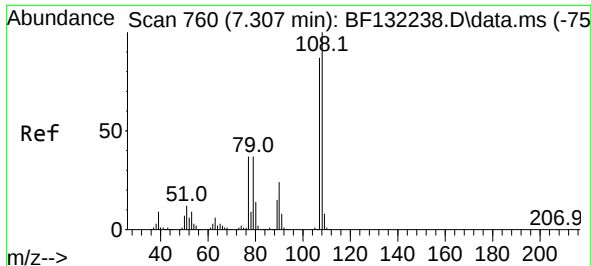
Reviewed By :Christian Giraldo 02/01/2023
Supervised By :Jagrut Upadhyay 02/01/2023



#16
2,2'-oxybis(1-Chloropropane)
Concen: 3.984 ng
RT: 7.331 min Scan# 764
Delta R.T. -0.006 min
Lab File: BF132247.D
Acq: 01 Feb 2023 00:28

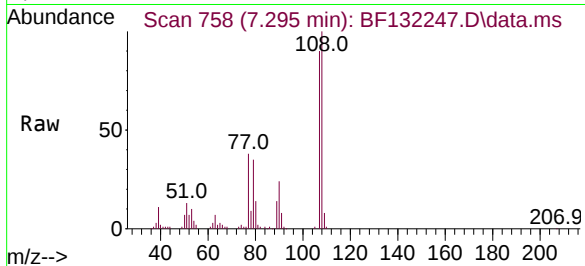
Tgt Ion: 45 Resp: 55183
Ion Ratio Lower Upper
45 100
77 17.0 0.0 38.0
79 13.4 0.0 33.8





#17
2-Methylphenol
Concen: 3.747 ng
RT: 7.295 min Scan# 71
Delta R.T. -0.012 min
Lab File: BF132247.D
Acq: 01 Feb 2023 00:28

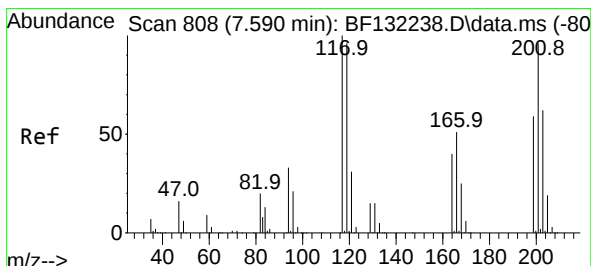
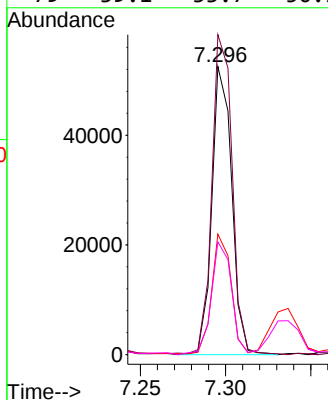
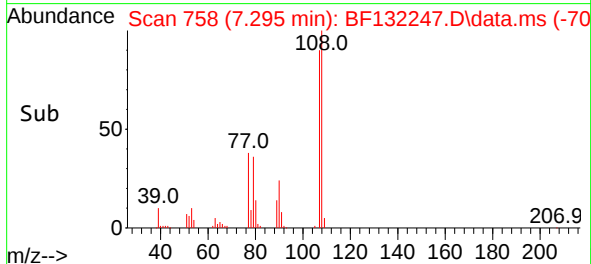
Instrument : BNA_F
ClientSampleId : MDL-WATER-03-QT3-2022



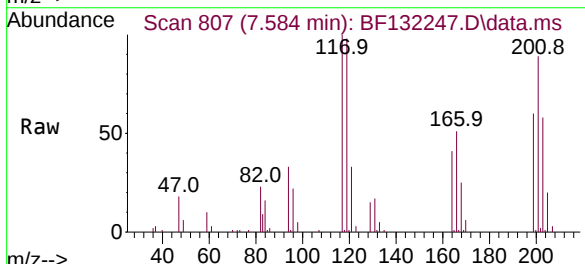
Tgt Ion:	107	Resp:	42528
Ion	Ratio	Lower	Upper
107	100		
108	111.1	91.8	137.6
77	41.8	34.2	51.2
79	39.1	33.7	50.5

Manual Integrations
APPROVED

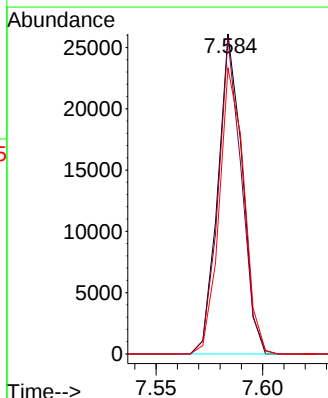
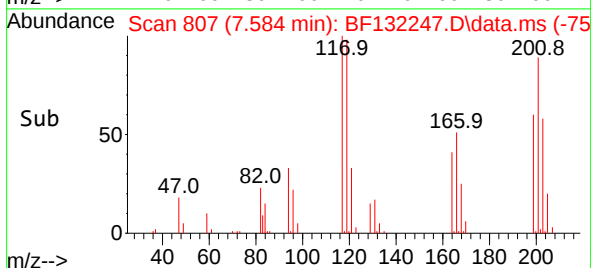
Reviewed By :Christian Giraldo 02/01/2023
Supervised By :Jagrut Upadhyay 02/01/2023

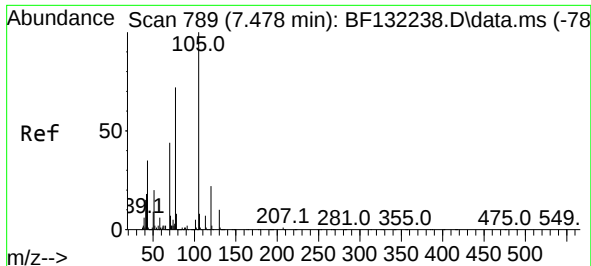


#18
Hexachloroethane
Concen: 4.016 ng
RT: 7.584 min Scan# 807
Delta R.T. -0.006 min
Lab File: BF132247.D
Acq: 01 Feb 2023 00:28



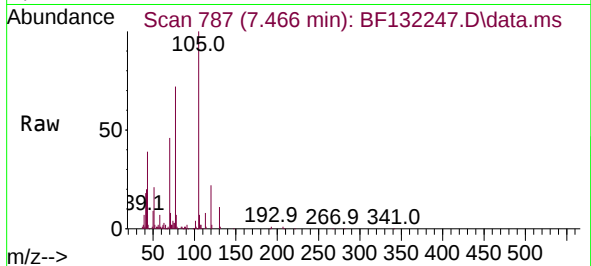
Tgt Ion:	117	Resp:	20622
Ion	Ratio	Lower	Upper
117	100		
119	98.5	76.7	115.1
201	89.3	76.6	114.8





#19
n-Nitroso-di-n-propylamine
Concen: 3.993 ng
RT: 7.466 min Scan# 789
Delta R.T. -0.012 min
Lab File: BF132247.D
Acq: 01 Feb 2023 00:28

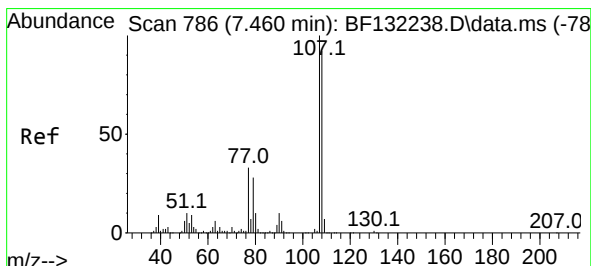
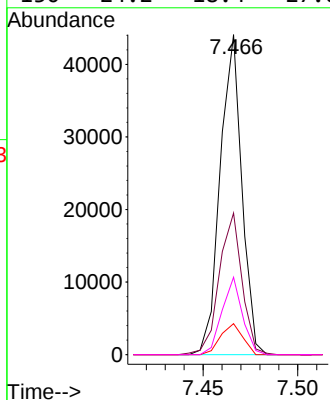
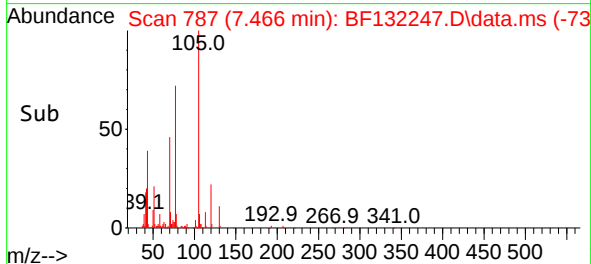
Instrument :
BNA_F
ClientSampleId :
MDL-WATER-03-QT3-2022



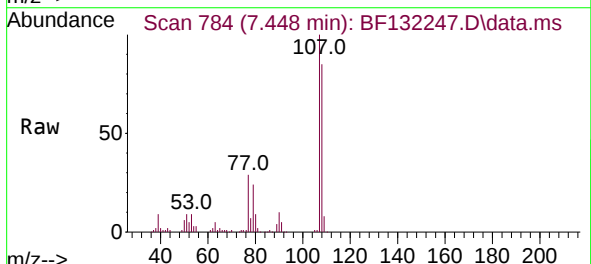
Tgt Ion: 70 Resp: 35007
Ion Ratio Lower Upper
70 100
42 44.2 33.4 50.0
101 9.7 8.2 12.4
130 24.2 18.4 27.6

Manual Integrations
APPROVED

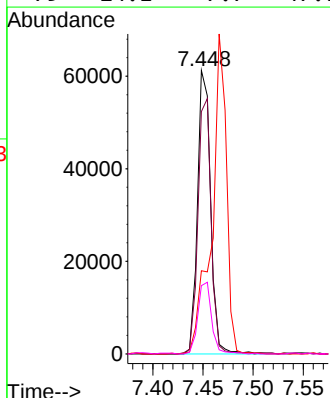
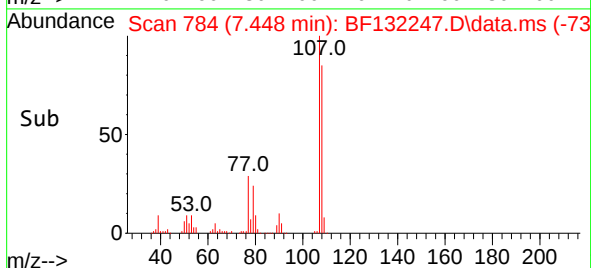
Reviewed By :Christian Giraldo 02/01/2023
Supervised By :Jagrut Upadhyay 02/01/2023

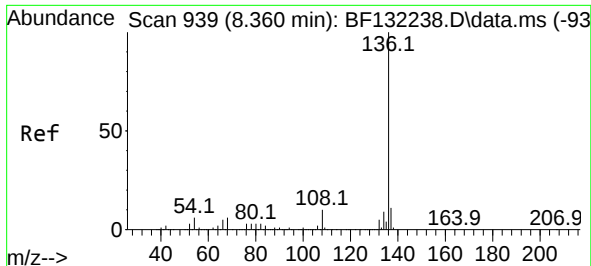


#20
3+4-Methylphenols
Concen: 3.843 ng
RT: 7.448 min Scan# 784
Delta R.T. -0.012 min
Lab File: BF132247.D
Acq: 01 Feb 2023 00:28



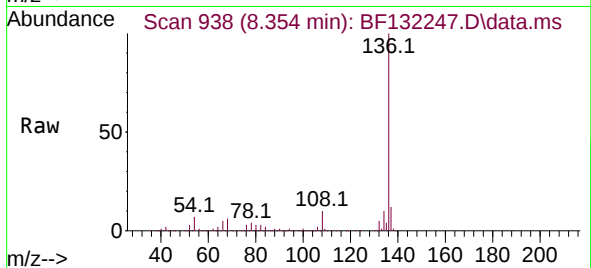
Tgt Ion:107 Resp: 55662
Ion Ratio Lower Upper
107 100
108 85.5 71.6 111.6
77 29.3 13.4 53.4
79 24.1 7.7 47.7





#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.354 min Scan# 939
Delta R.T. -0.006 min
Lab File: BF132247.D
Acq: 01 Feb 2023 00:28

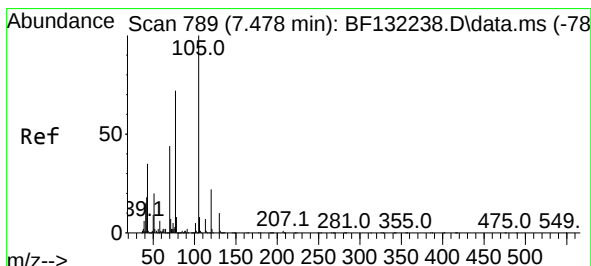
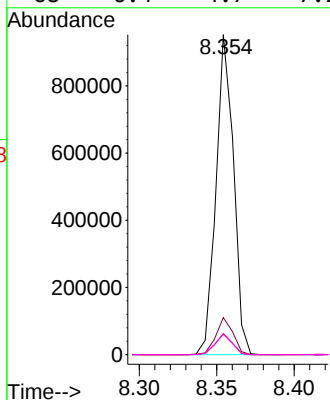
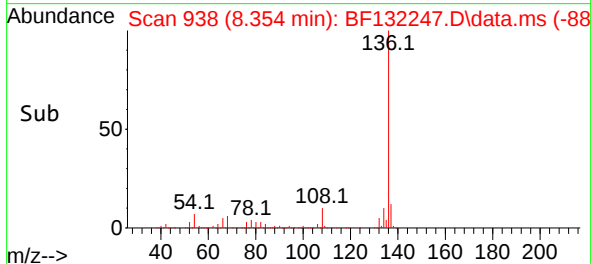
Instrument :
BNA_F
ClientSampleId :
MDL-WATER-03-QT3-2022



Tgt Ion:136 Resp: 749800
Ion Ratio Lower Upper
136 100
137 11.6 8.8 13.2
54 6.6 4.9 7.3
68 6.4 4.7 7.1

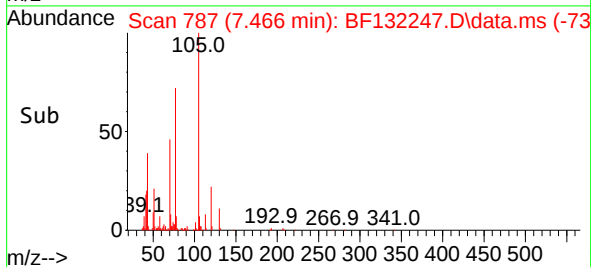
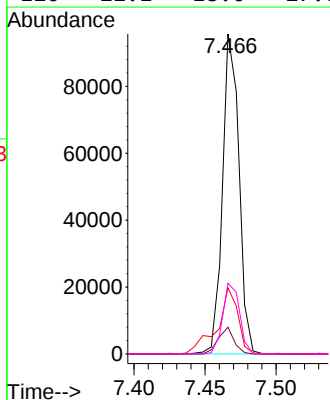
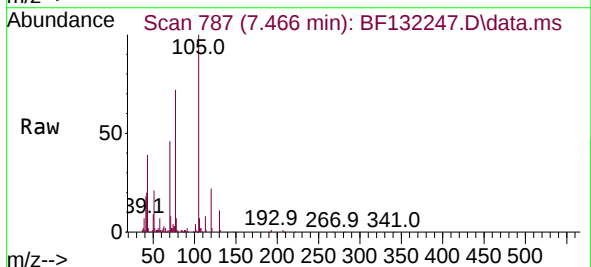
Manual Integrations
APPROVED

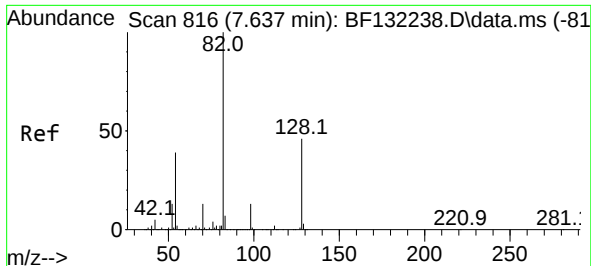
Reviewed By :Christian Giraldo 02/01/2023
Supervised By :Jagrut Upadhyay 02/01/2023



#22
Acetophenone
Concen: 4.386 ng
RT: 7.466 min Scan# 787
Delta R.T. -0.012 min
Lab File: BF132247.D
Acq: 01 Feb 2023 00:28

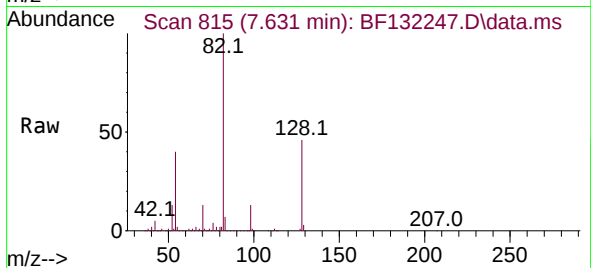
Tgt Ion:105 Resp: 77343
Ion Ratio Lower Upper
105 100
71 8.4 5.8 8.6
51 20.6 16.2 24.2
120 22.1 18.0 27.0





#23
Nitrobenzene-d5
Concen: 69.955 ng
RT: 7.631 min Scan# 815
Delta R.T. -0.006 min
Lab File: BF132247.D
Acq: 01 Feb 2023 00:28

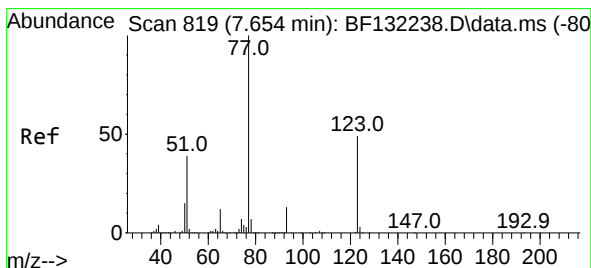
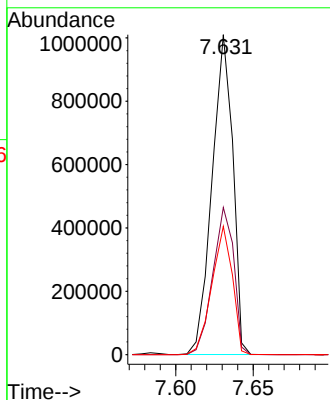
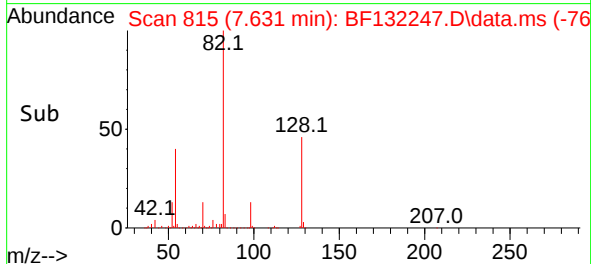
Instrument :
BNA_F
ClientSampleId :
MDL-WATER-03-QT3-2022



Tgt Ion: 82 Resp: 942585
Ion Ratio Lower Upper
82 100
128 46.0 37.0 55.4
54 40.1 31.5 47.3

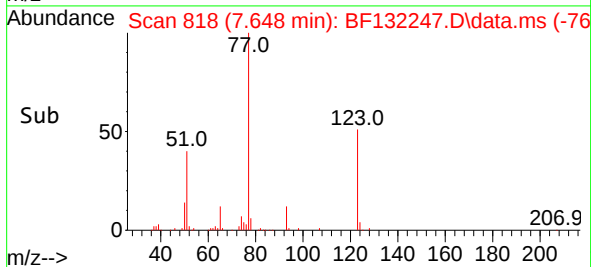
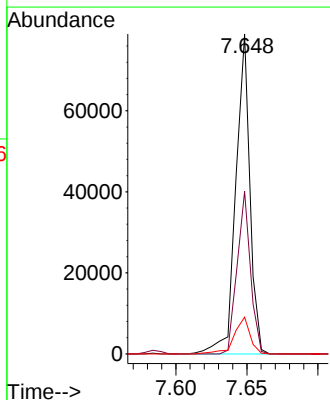
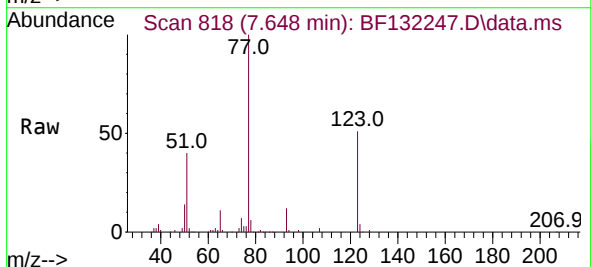
Manual Integrations
APPROVED

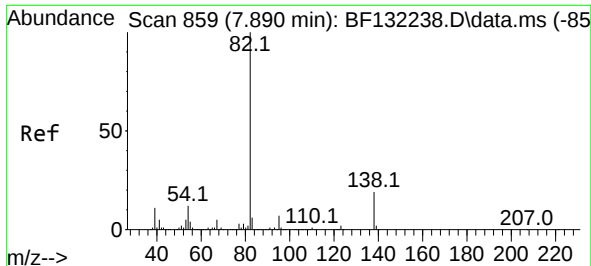
Reviewed By :Christian Giraldo 02/01/2023
Supervised By :Jagrut Upadhyay 02/01/2023



#24
Nitrobenzene
Concen: 3.948 ng
RT: 7.648 min Scan# 818
Delta R.T. -0.006 min
Lab File: BF132247.D
Acq: 01 Feb 2023 00:28

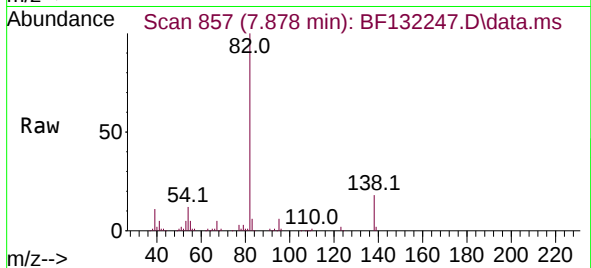
Tgt Ion: 77 Resp: 54339
Ion Ratio Lower Upper
77 100
123 50.8 39.5 59.3
65 11.5 9.8 14.8





#25
Isophorone
Concen: 3.828 ng
RT: 7.878 min Scan# 859
Delta R.T. -0.012 min
Lab File: BF132247.D
Acq: 01 Feb 2023 00:28

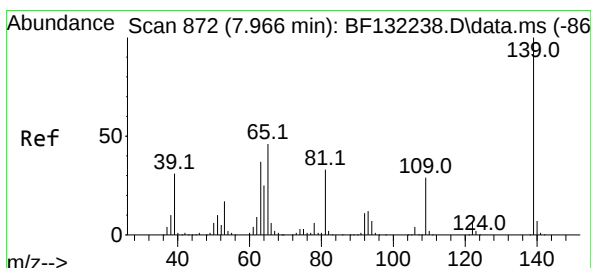
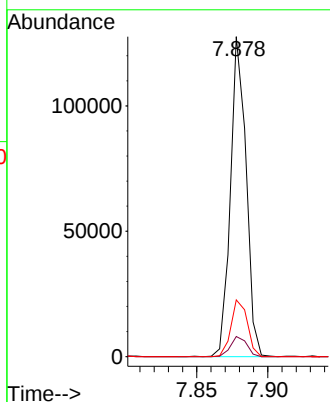
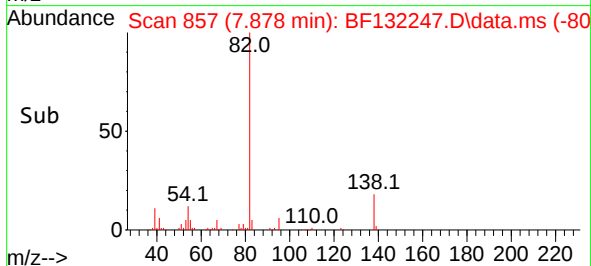
Instrument : BNA_F
ClientSampleId : MDL-WATER-03-QT3-2022



Tgt Ion: 82 Resp: 97888
Ion Ratio Lower Upper
82 100
95 6.3 5.6 8.4
138 17.7 15.0 22.6

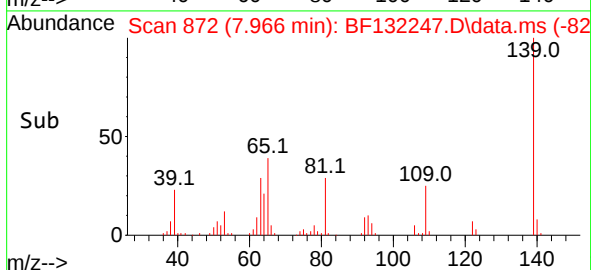
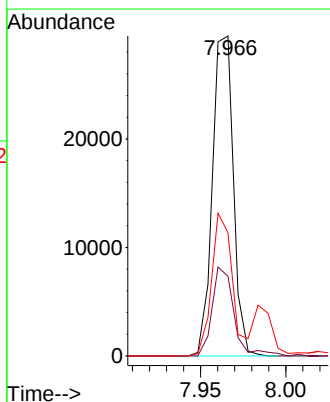
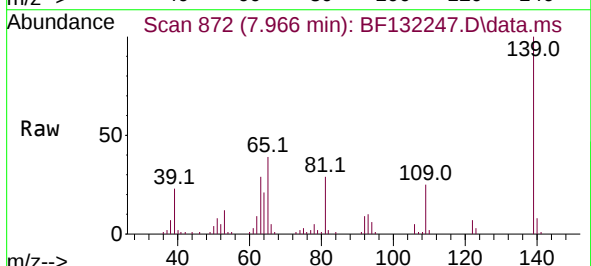
Manual Integrations
APPROVED

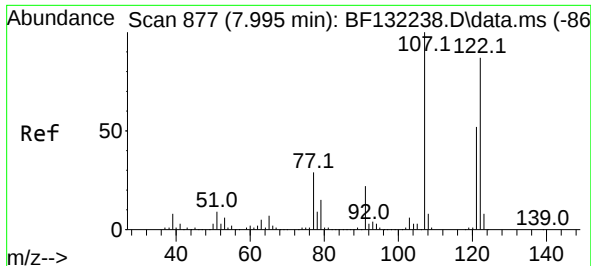
Reviewed By :Christian Giraldo 02/01/2023
Supervised By :Jagrut Upadhyay 02/01/2023



#26
2-Nitrophenol
Concen: 3.772 ng
RT: 7.966 min Scan# 872
Delta R.T. -0.000 min
Lab File: BF132247.D
Acq: 01 Feb 2023 00:28

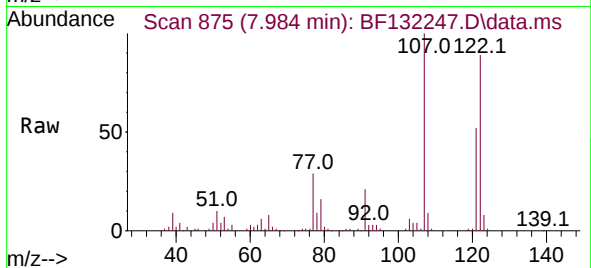
Tgt Ion:139 Resp: 25289
Ion Ratio Lower Upper
139 100
109 24.9 23.0 34.6
65 38.5 36.6 55.0





#27
2,4-Dimethylphenol
Concen: 3.734 ng
RT: 7.984 min Scan# 81
Delta R.T. -0.012 min
Lab File: BF132247.D
Acq: 01 Feb 2023 00:28

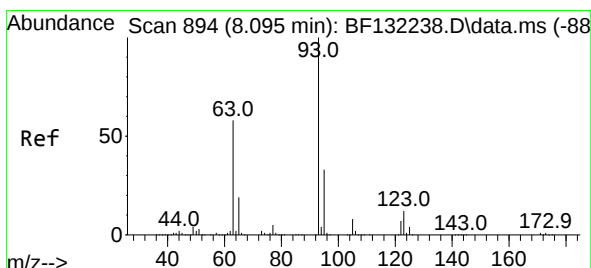
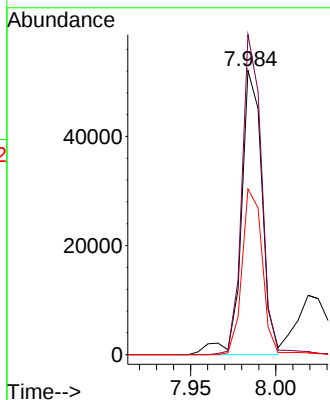
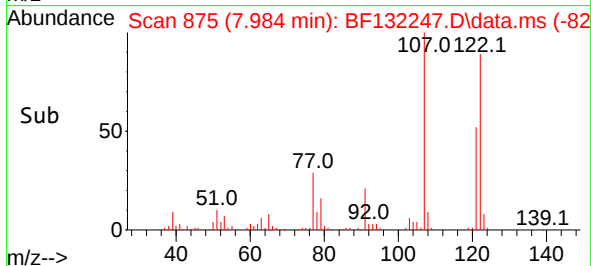
Instrument :
BNA_F
ClientSampleId :
MDL-WATER-03-QT3-2022



Tgt Ion:122 Resp: 43822
Ion Ratio Lower Upper
122 100
107 112.6 91.9 137.9
121 58.2 47.8 71.8

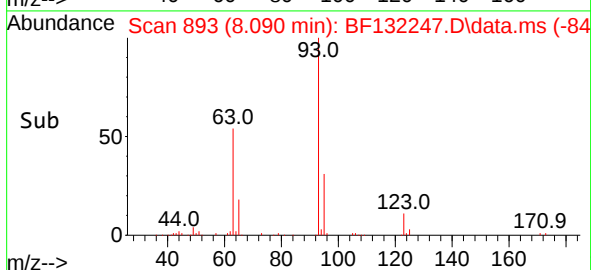
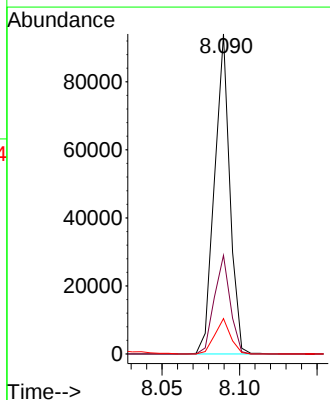
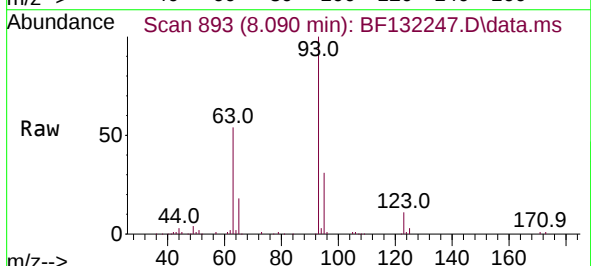
Manual Integrations
APPROVED

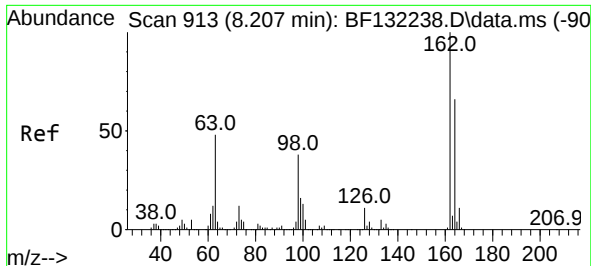
Reviewed By :Christian Giraldo 02/01/2023
Supervised By :Jagrut Upadhyay 02/01/2023



#28
bis(2-Chloroethoxy)methane
Concen: 4.111 ng
RT: 8.090 min Scan# 893
Delta R.T. -0.006 min
Lab File: BF132247.D
Acq: 01 Feb 2023 00:28

Tgt Ion: 93 Resp: 64613
Ion Ratio Lower Upper
93 100
95 30.8 26.6 40.0
123 11.0 9.5 14.3





#29

2,4-Dichlorophenol

Concen: 3.924 ng

RT: 8.201 min Scan# 91

Delta R.T. -0.006 min

Lab File: BF132247.D

Acq: 01 Feb 2023 00:28

Instrument :

BNA_F

ClientSampleId :

MDL-WATER-03-QT3-2022

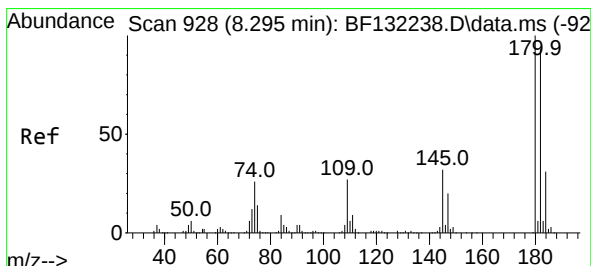
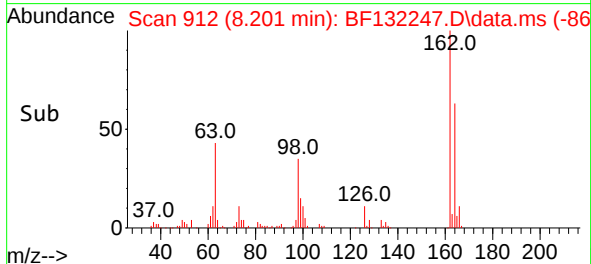
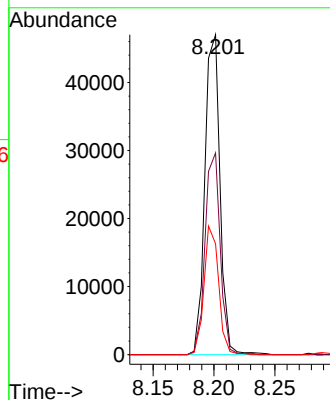
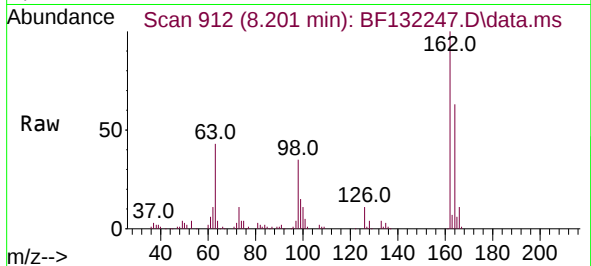
Tgt Ion:162	Resp:	40884
Ion Ratio	Lower	Upper
162	100	
164	63.0	46.4 86.4
98	34.6	17.8 57.8

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 02/01/2023

Supervised By :Jagrut Upadhyay 02/01/2023



#30

1,2,4-Trichlorobenzene

Concen: 4.226 ng

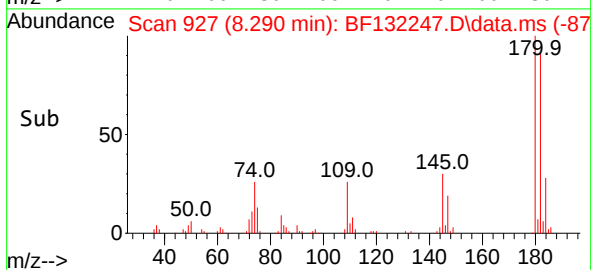
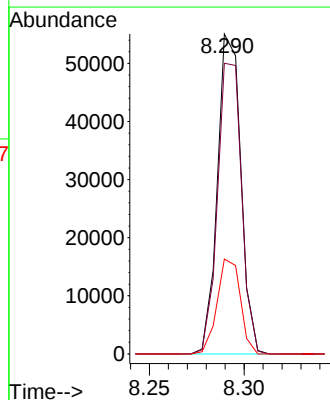
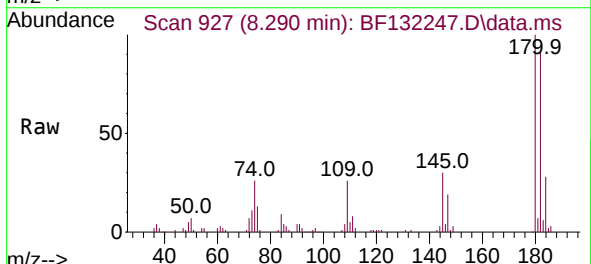
RT: 8.290 min Scan# 927

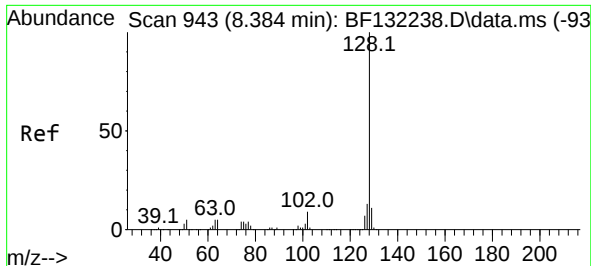
Delta R.T. -0.006 min

Lab File: BF132247.D

Acq: 01 Feb 2023 00:28

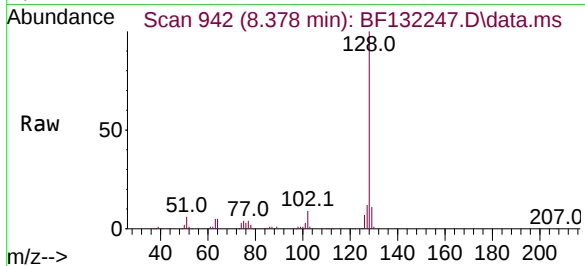
Tgt Ion:180	Resp:	47151
Ion Ratio	Lower	Upper
180	100	
182	90.8	74.6 112.0
145	29.6	25.3 37.9





#31
Naphthalene
Concen: 4.210 ng
RT: 8.378 min Scan# 94
Delta R.T. -0.006 min
Lab File: BF132247.D
Acq: 01 Feb 2023 00:28

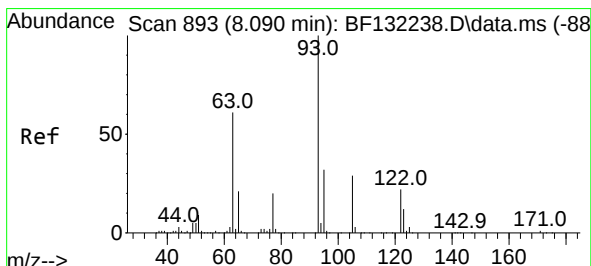
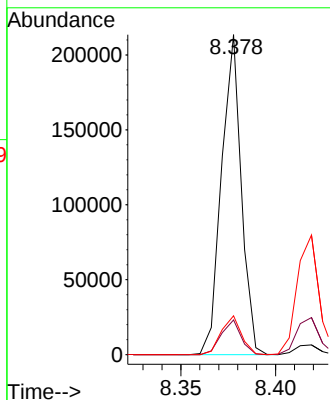
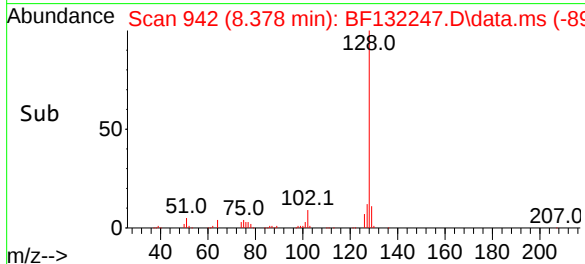
Instrument :
BNA_F
ClientSampleId :
MDL-WATER-03-QT3-2022



Tgt Ion:128 Resp: 155388
Ion Ratio Lower Upper
128 100
129 10.8 9.0 13.4
127 12.1 10.5 15.7

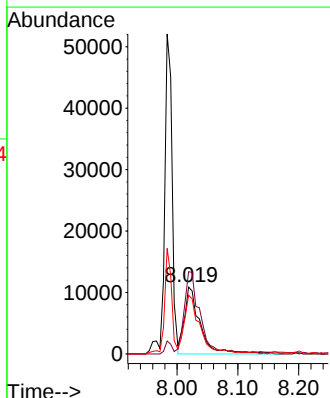
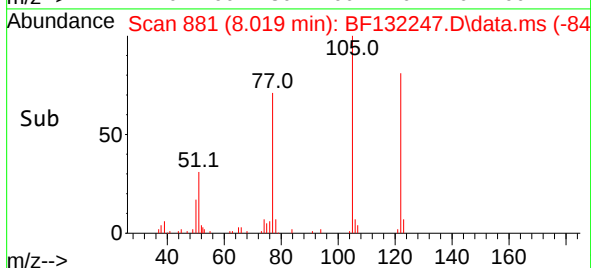
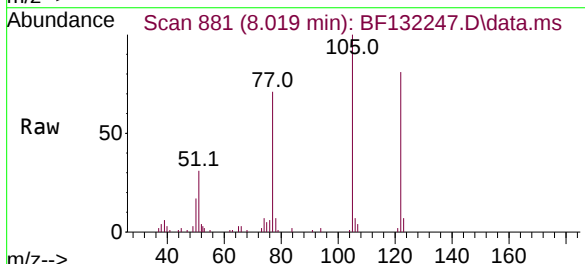
Manual Integrations
APPROVED

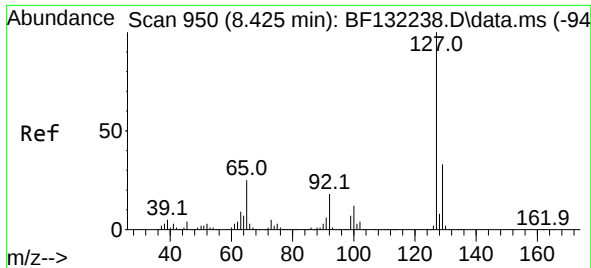
Reviewed By :Christian Giraldo 02/01/2023
Supervised By :Jagrut Upadhyay 02/01/2023



#32
Benzoic acid
Concen: 2.281 ng
RT: 8.019 min Scan# 881
Delta R.T. -0.071 min
Lab File: BF132247.D
Acq: 01 Feb 2023 00:28

Tgt Ion:122 Resp: 19813
Ion Ratio Lower Upper
122 100
105 122.8 106.3 146.3
77 87.6 70.6 110.6





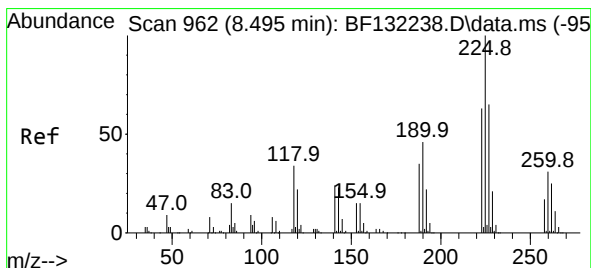
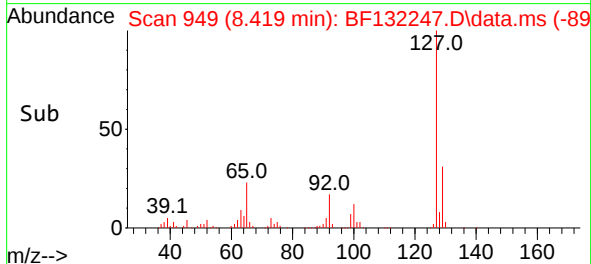
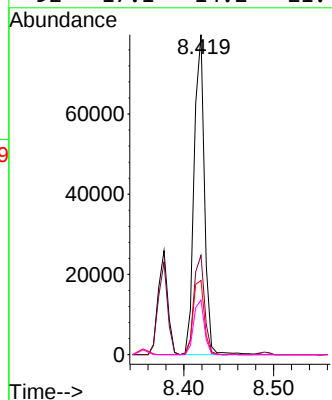
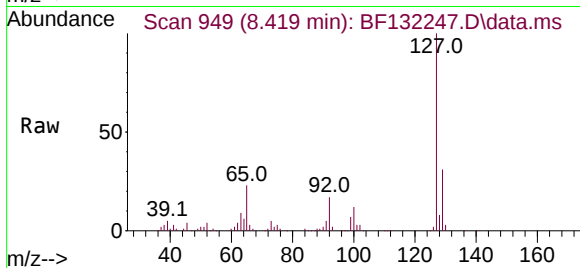
#33
4-Chloroaniline
Concen: 3.908 ng
RT: 8.419 min Scan# 949
Delta R.T. -0.006 min
Lab File: BF132247.D
Acq: 01 Feb 2023 00:28

Instrument :
BNA_F
ClientSampleId :
MDL-WATER-03-QT3-2022

Tgt Ion:127 Resp: 63960
Ion Ratio Lower Upper
127 100
129 31.0 26.6 39.8
65 23.2 20.2 30.2
92 17.1 14.2 21.4

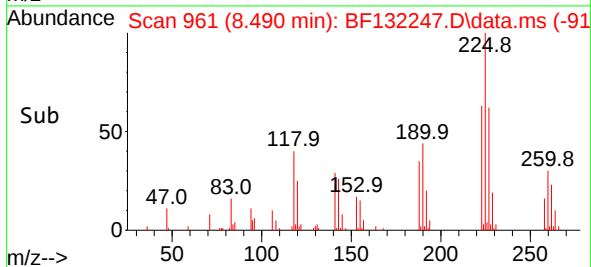
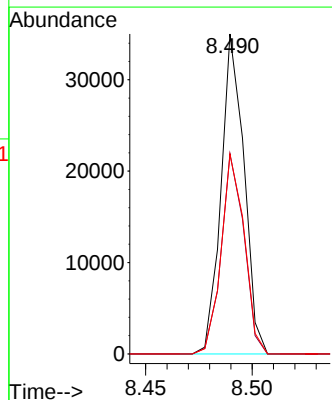
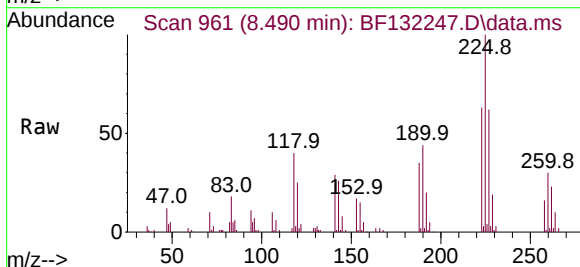
Manual Integrations
APPROVED

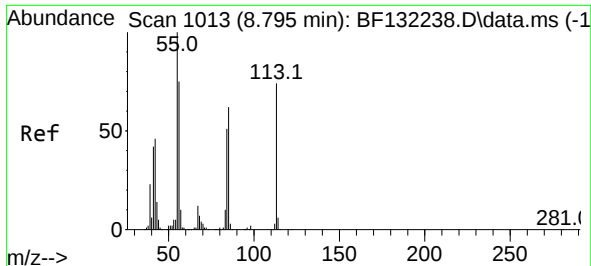
Reviewed By :Christian Giraldo 02/01/2023
Supervised By :Jagrut Upadhyay 02/01/2023



#34
Hexachlorobutadiene
Concen: 4.180 ng
RT: 8.490 min Scan# 961
Delta R.T. -0.006 min
Lab File: BF132247.D
Acq: 01 Feb 2023 00:28

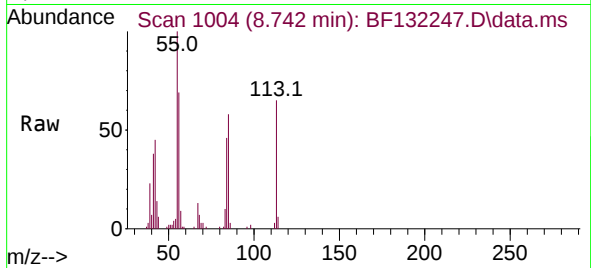
Tgt Ion:225 Resp: 26217
Ion Ratio Lower Upper
225 100
223 62.6 50.6 75.8
227 62.3 51.7 77.5





#35
Caprolactam
Concen: 3.722 ng
RT: 8.742 min Scan# 1004
Delta R.T. -0.053 min
Lab File: BF132247.D
Acq: 01 Feb 2023 00:28

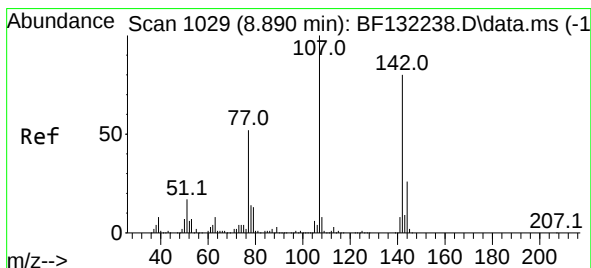
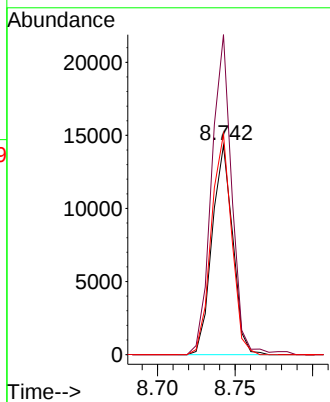
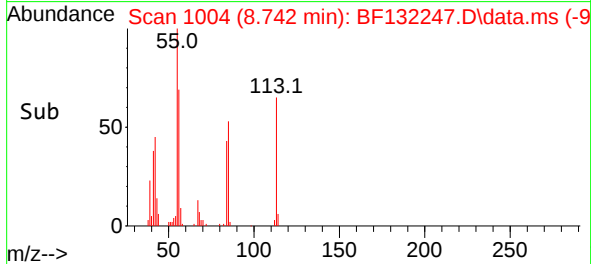
Instrument :
BNA_F
ClientSampleId :
MDL-WATER-03-QT3-2022



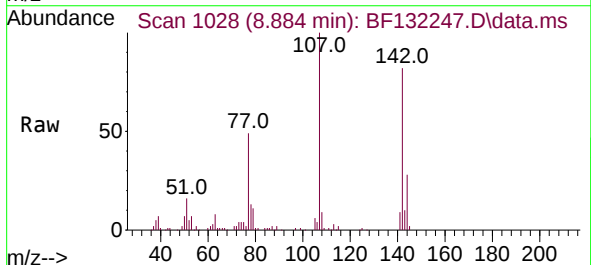
Tgt Ion:113 Resp: 1322
Ion Ratio Lower Upper
113 100
55 152.8 114.7 154.7
56 105.3 81.1 121.1

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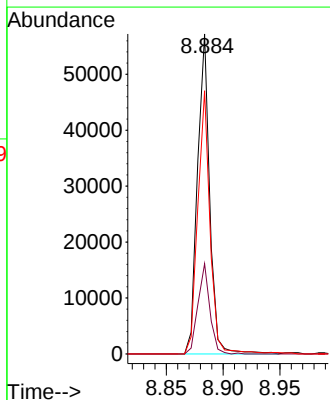
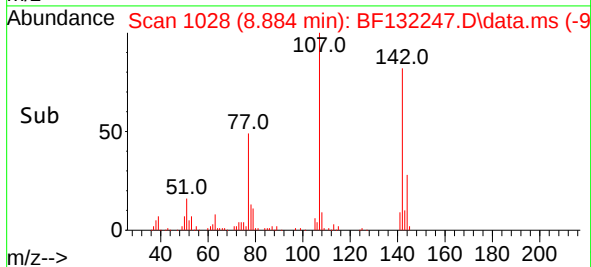
Reviewed By :Christian Giraldo 02/01/2023
Supervised By :Jagrut Upadhyay 02/01/2023

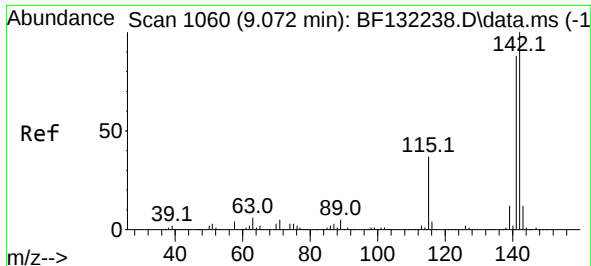


#36
4-Chloro-3-methylphenol
Concen: 3.796 ng
RT: 8.884 min Scan# 1028
Delta R.T. -0.006 min
Lab File: BF132247.D
Acq: 01 Feb 2023 00:28



Tgt Ion:107 Resp: 42607
Ion Ratio Lower Upper
107 100
144 28.2 20.5 30.7
142 82.2 63.6 95.4





#37

2-Methylnaphthalene

Concen: 4.058 ng

RT: 9.072 min Scan# 1060

Delta R.T. -0.000 min

Lab File: BF132247.D

Acq: 01 Feb 2023 00:28

Instrument :

BNA_F

ClientSampleId :

MDL-WATER-03-QT3-2022

Tgt Ion:142 Resp: 101460

Ion Ratio Lower Upper

142 100

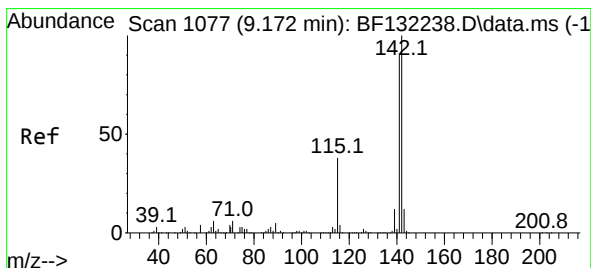
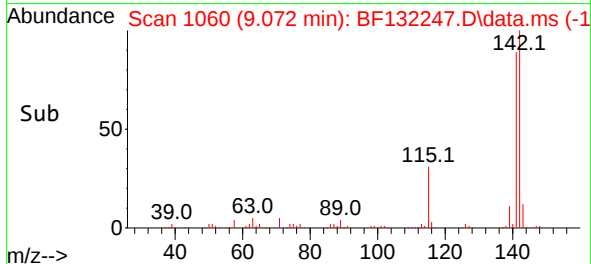
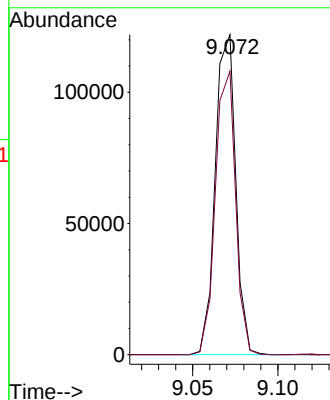
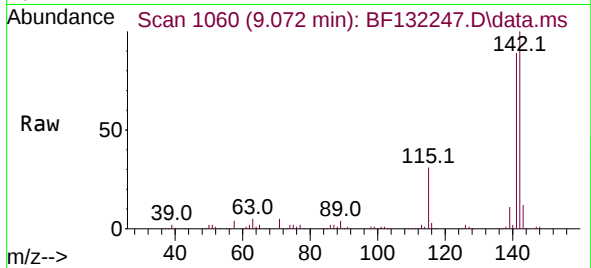
141 88.5 70.1 105.1

Manual Integrations

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Reviewed By :Christian Giraldo 02/01/2023

Supervised By :Jagrut Upadhyay 02/01/2023



#38

1-Methylnaphthalene

Concen: 4.221 ng

RT: 9.172 min Scan# 1077

Delta R.T. -0.000 min

Lab File: BF132247.D

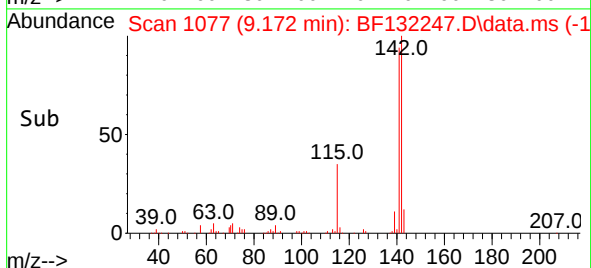
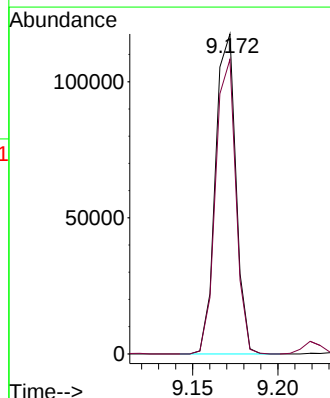
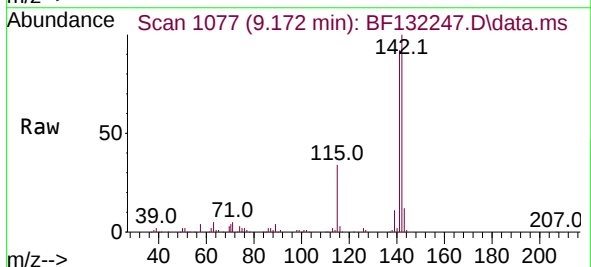
Acq: 01 Feb 2023 00:28

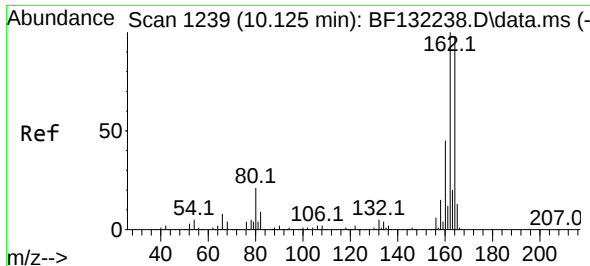
Tgt Ion:142 Resp: 98054

Ion Ratio Lower Upper

142 100

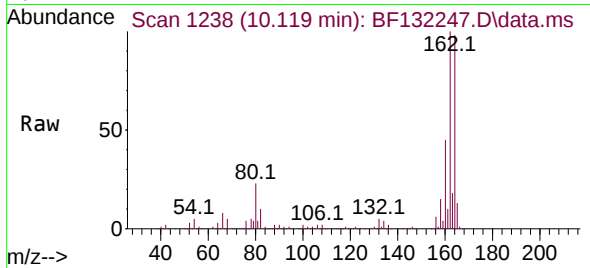
141 92.0 72.6 108.8





#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 10.119 min Scan# 1238
Delta R.T. -0.006 min
Lab File: BF132247.D
Acq: 01 Feb 2023 00:28

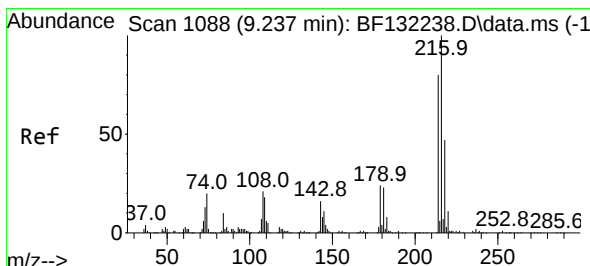
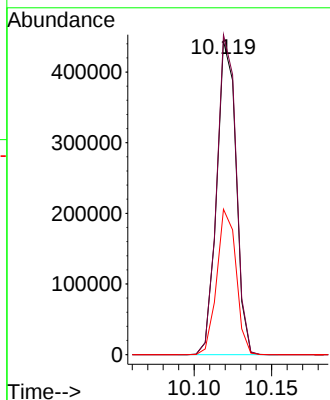
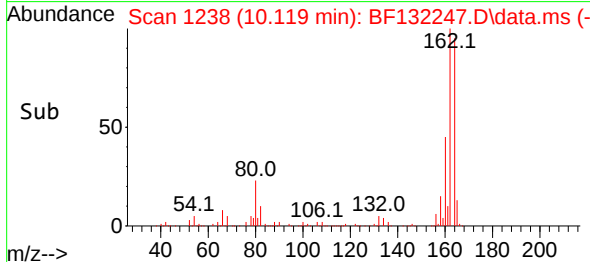
Instrument :
BNA_F
ClientSampleId :
MDL-WATER-03-QT3-2022



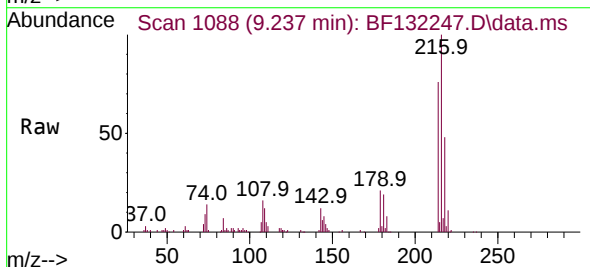
Tgt Ion:164 Resp: 38501
Ion Ratio Lower Upper
164 100
162 102.0 82.0 123.0
160 46.3 37.1 55.7

Manual Integrations
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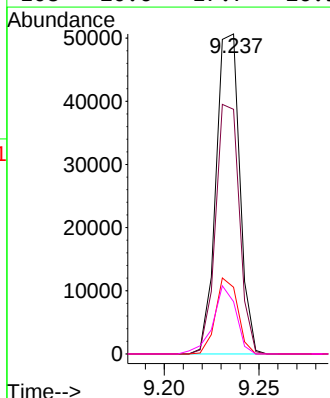
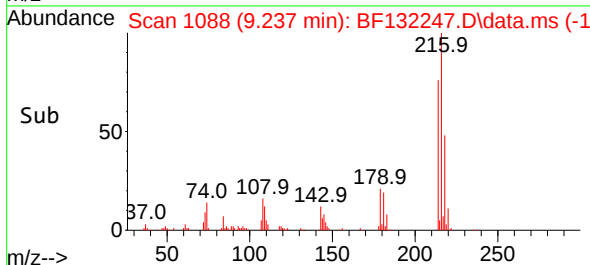
Reviewed By :Christian Giraldo 02/01/2023
Supervised By :Jagrut Upadhyay 02/01/2023

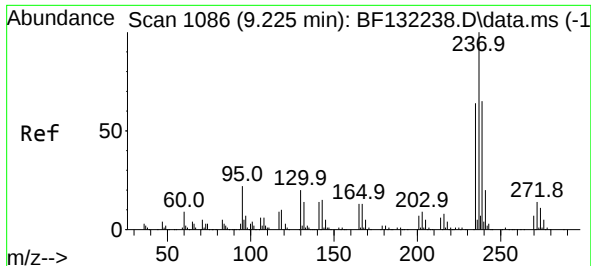


#40
1,2,4,5-Tetrachlorobenzene
Concen: 4.085 ng
RT: 9.237 min Scan# 1088
Delta R.T. -0.000 min
Lab File: BF132247.D
Acq: 01 Feb 2023 00:28



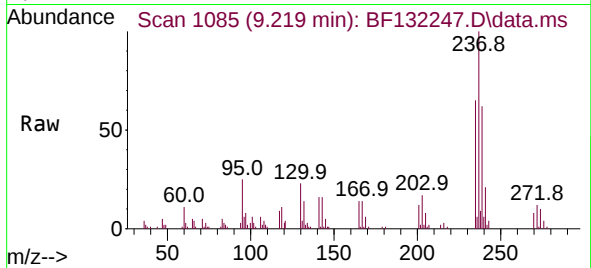
Tgt Ion:216 Resp: 44259
Ion Ratio Lower Upper
216 100
214 77.8 63.6 95.4
179 22.1 18.3 27.5
108 20.6 17.7 26.5





#41
Hexachlorocyclopentadiene
Concen: 3.858 ng
RT: 9.219 min Scan# 1085
Delta R.T. -0.006 min
Lab File: BF132247.D
Acq: 01 Feb 2023 00:28

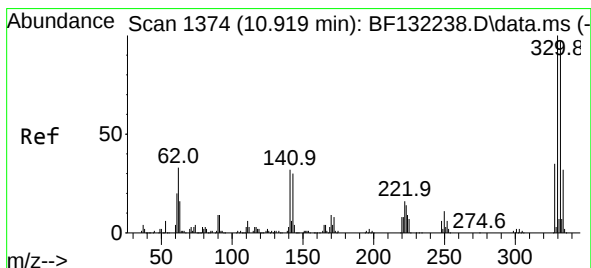
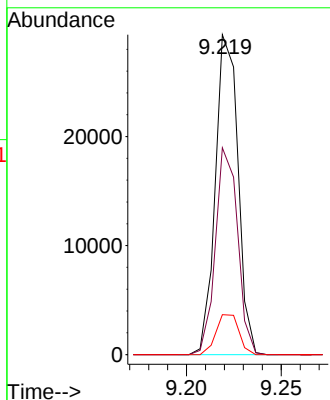
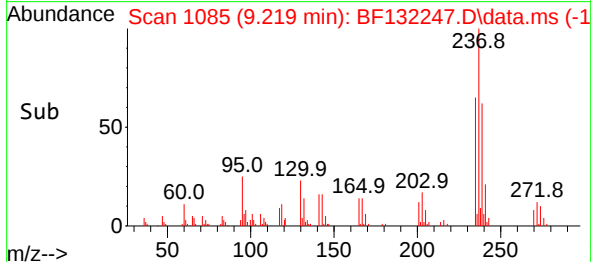
Instrument :
BNA_F
ClientSampleId :
MDL-WATER-03-QT3-2022



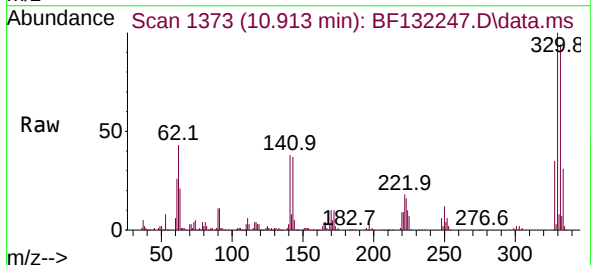
Tgt Ion: 237 Resp: 24390
Ion Ratio Lower Upper
237 100
235 64.6 43.5 83.5
272 12.5 0.0 33.6

Manual Integrations
APPROVED

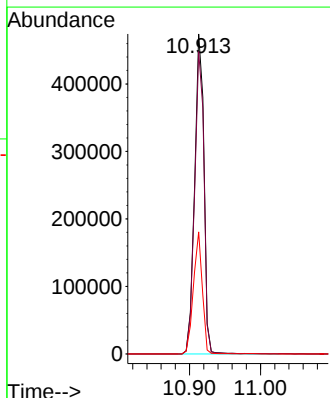
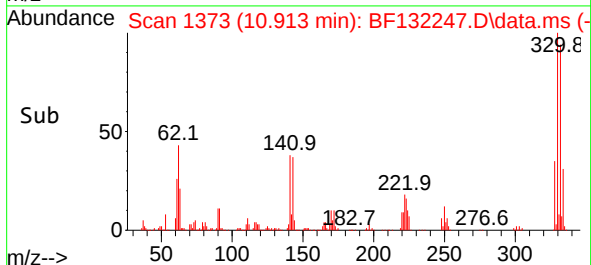
Reviewed By : Christian Giraldo 02/01/2023
Supervised By : Jagrut Upadhyay 02/01/2023

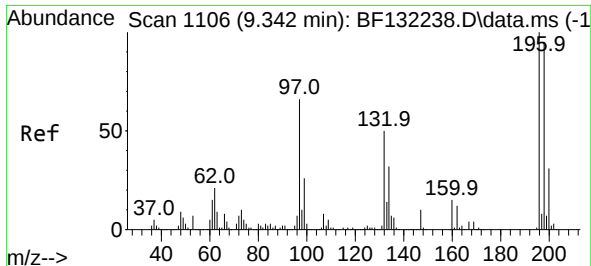


#42
2,4,6-Tribromophenol
Concen: 108.964 ng
RT: 10.913 min Scan# 1373
Delta R.T. -0.006 min
Lab File: BF132247.D
Acq: 01 Feb 2023 00:28



Tgt Ion: 330 Resp: 431423
Ion Ratio Lower Upper
330 100
332 95.3 77.9 116.9
141 36.3 31.0 46.4





#43

2,4,6-Trichlorophenol

Concen: 3.709 ng

RT: 9.342 min Scan# 1106

Delta R.T. -0.000 min

Lab File: BF132247.D

Acq: 01 Feb 2023 00:28

Instrument :

BNA_F

ClientSampleId :

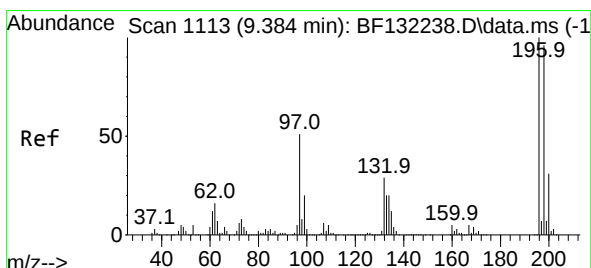
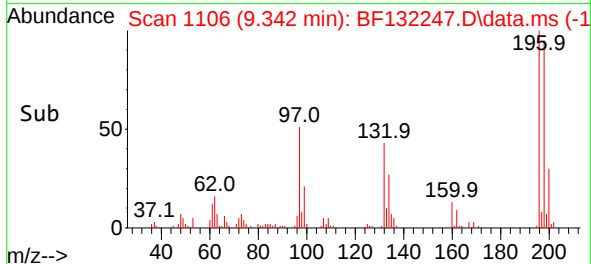
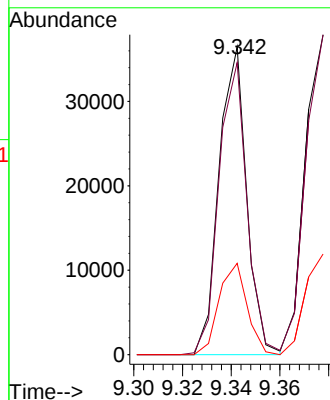
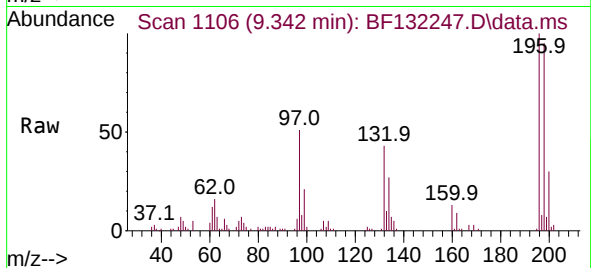
MDL-WATER-03-QT3-2022

Tgt Ion:196	Resp:	28729
Ion Ratio	Lower	Upper
196	100	
198	95.0	75.9 113.9
200	29.7	24.7 37.1

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 02/01/2023
Supervised By :Jagrut Upadhyay 02/01/2023



#44

2,4,5-Trichlorophenol

Concen: 3.407 ng

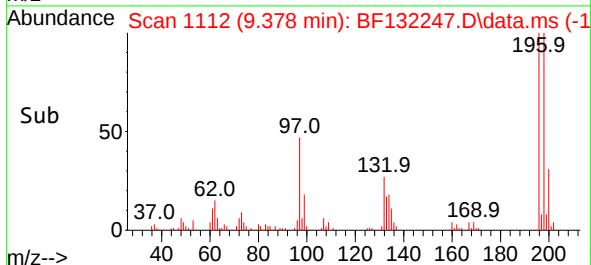
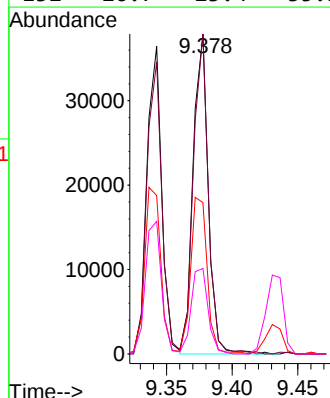
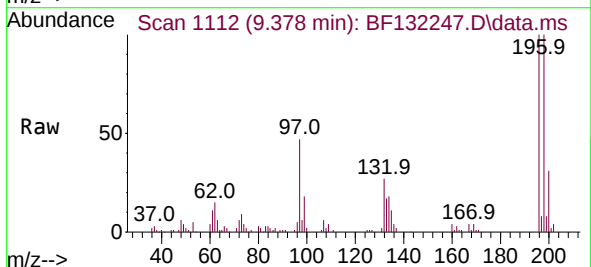
RT: 9.378 min Scan# 1112

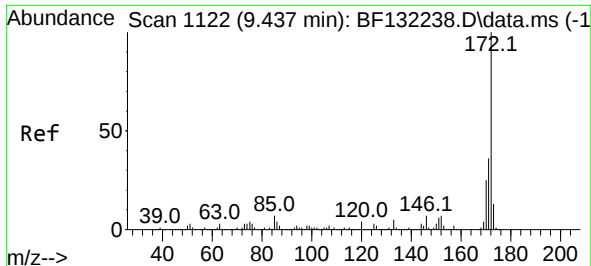
Delta R.T. -0.006 min

Lab File: BF132247.D

Acq: 01 Feb 2023 00:28

Tgt Ion:196	Resp:	30372
Ion Ratio	Lower	Upper
196	100	
198	100.1	77.0 115.4
97	47.3	41.2 61.8
132	26.7	23.4 35.2





#45

2-Fluorobiphenyl

Concen: 64.574 ng

RT: 9.437 min Scan# 1122

Delta R.T. -0.000 min

Lab File: BF132247.D

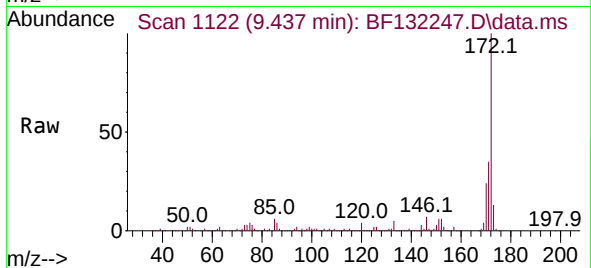
Acq: 01 Feb 2023 00:28

Instrument :

BNA_F

ClientSampleId :

MDL-WATER-03-QT3-2022

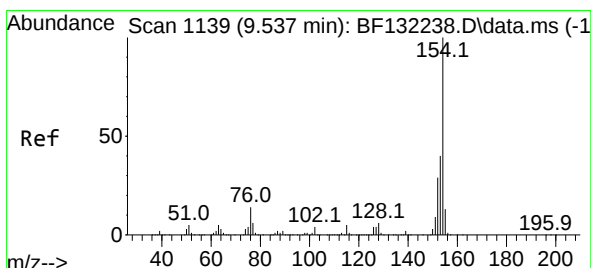
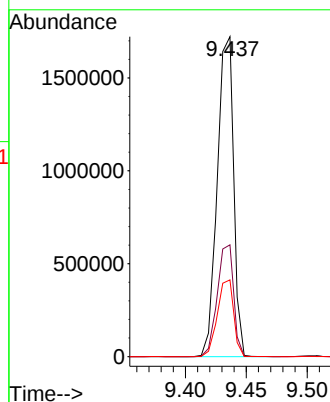
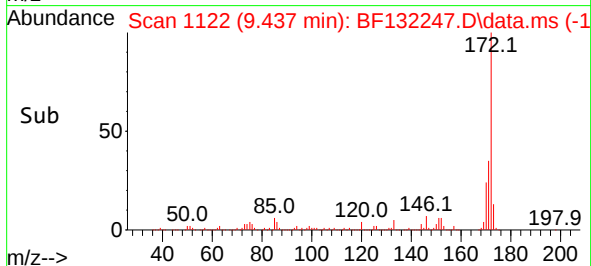


Tgt Ion:172 Resp: 1609954

Ion	Ratio	Lower	Upper
172	100		
171	34.9	28.6	43.0
170	24.0	19.7	29.5

Manual Integrations
APPROVED

Reviewed By :Christian Giraldo 02/01/2023
Supervised By :Jagrut Upadhyay 02/01/2023



#46

1,1'-Biphenyl

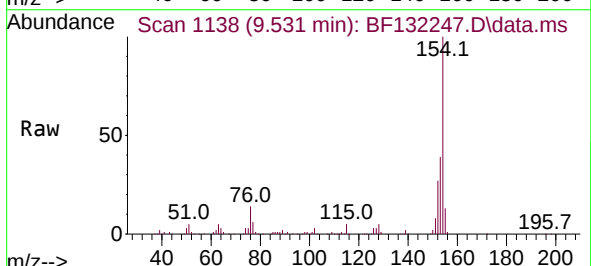
Concen: 4.409 ng

RT: 9.531 min Scan# 1138

Delta R.T. -0.006 min

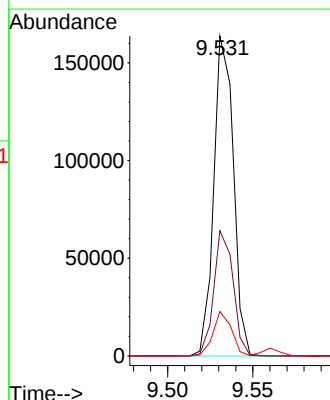
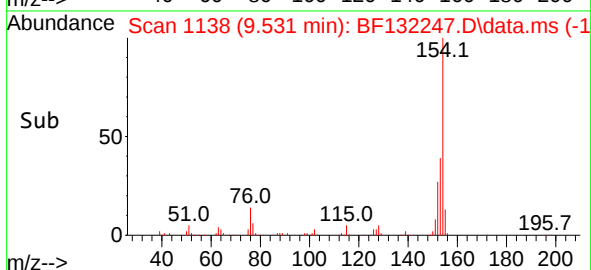
Lab File: BF132247.D

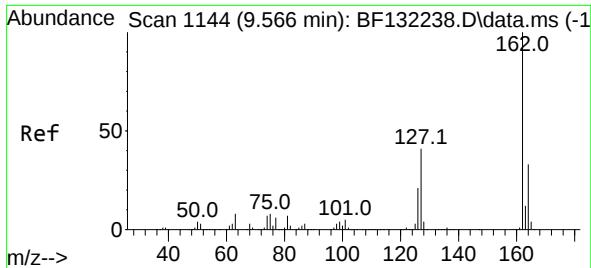
Acq: 01 Feb 2023 00:28



Tgt Ion:154 Resp: 130880

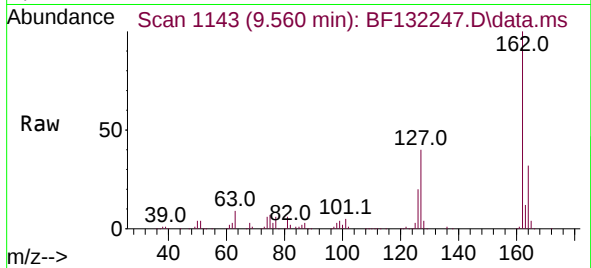
Ion	Ratio	Lower	Upper
154	100		
153	39.1	19.9	59.9
76	13.9	0.0	34.0





#47
2-Chloronaphthalene
Concen: 4.156 ng
RT: 9.560 min Scan# 1144
Delta R.T. -0.006 min
Lab File: BF132247.D
Acq: 01 Feb 2023 00:28

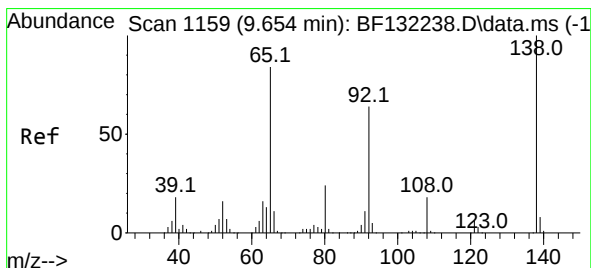
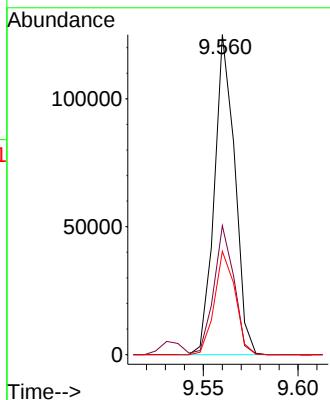
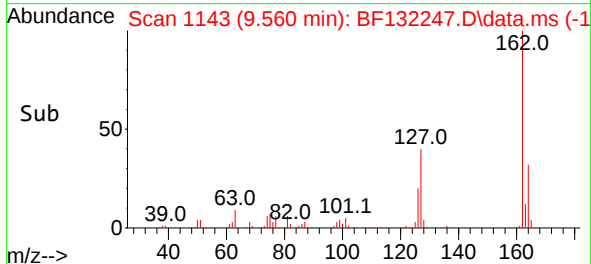
Instrument : BNA_F
ClientSampleId : MDL-WATER-03-QT3-2022



Tgt Ion:162 Resp: 9395
Ion Ratio Lower Upper
162 100
127 40.3 33.3 49.9
164 32.3 26.8 40.2

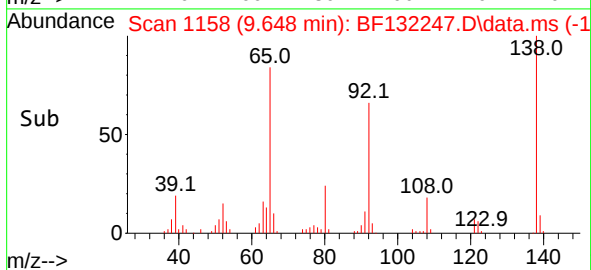
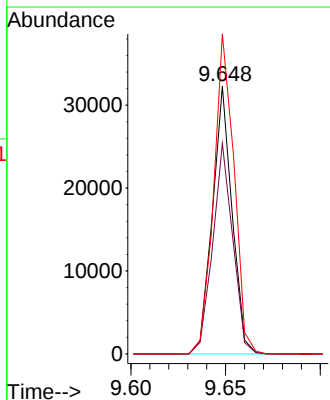
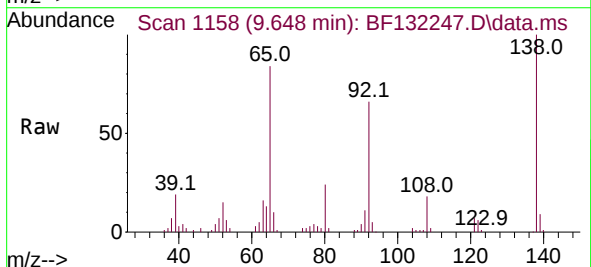
Manual Integrations
APPROVED

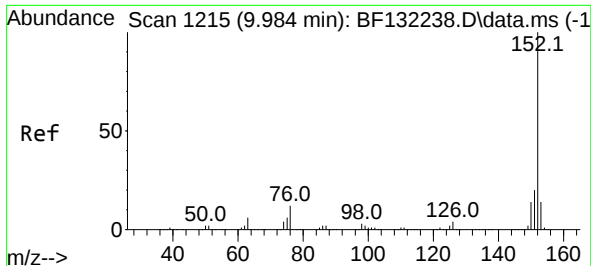
Reviewed By :Christian Giraldo 02/01/2023
Supervised By :Jagrut Upadhyay 02/01/2023



#48
2-Nitroaniline
Concen: 3.455 ng
RT: 9.648 min Scan# 1158
Delta R.T. -0.006 min
Lab File: BF132247.D
Acq: 01 Feb 2023 00:28

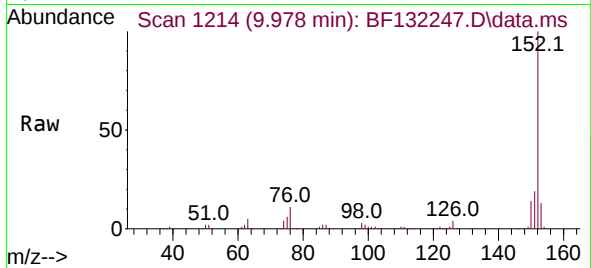
Tgt Ion: 65 Resp: 23232
Ion Ratio Lower Upper
65 100
92 78.6 61.0 91.4
138 119.5 95.0 142.4





#49
Acenaphthylene
Concen: 4.040 ng
RT: 9.978 min Scan# 1188
Delta R.T. -0.006 min
Lab File: BF132247.D
Acq: 01 Feb 2023 00:28

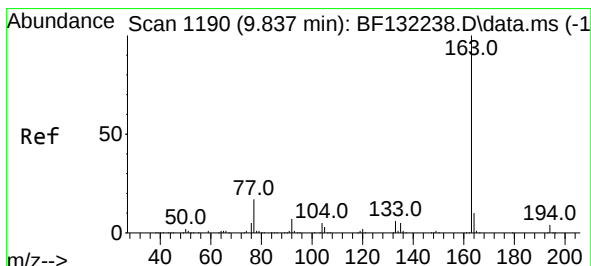
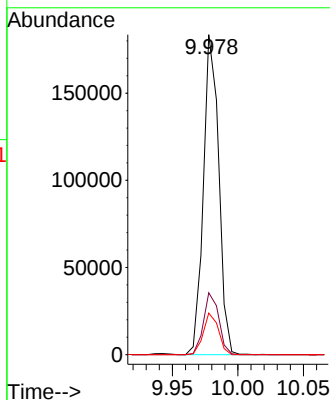
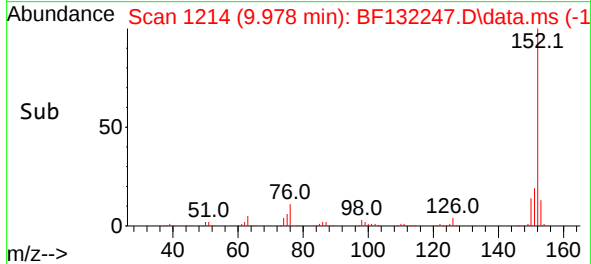
Instrument :
BNA_F
ClientSampleId :
MDL-WATER-03-QT3-2022



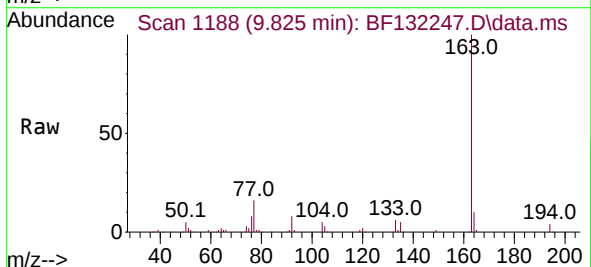
Tgt Ion:152 Resp: 149050
Ion Ratio Lower Upper
152 100
151 19.3 15.9 23.9
153 13.0 10.9 16.3

Manual Integrations
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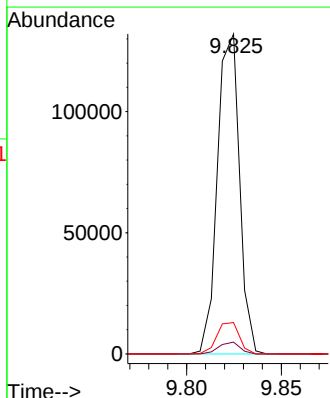
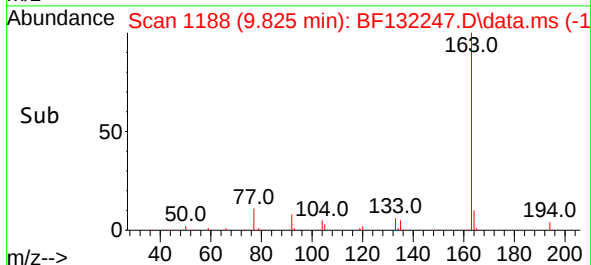
Reviewed By :Christian Giraldo 02/01/2023
Supervised By :Jagrut Upadhyay 02/01/2023

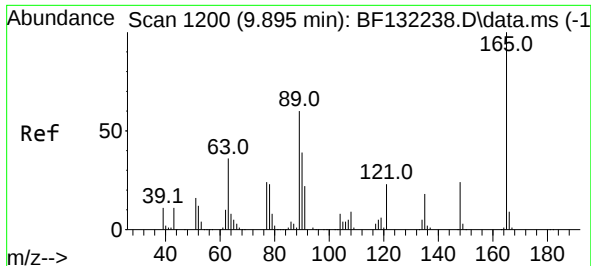


#50
Dimethylphthalate
Concen: 3.990 ng
RT: 9.825 min Scan# 1188
Delta R.T. -0.012 min
Lab File: BF132247.D
Acq: 01 Feb 2023 00:28



Tgt Ion:163 Resp: 107464
Ion Ratio Lower Upper
163 100
194 3.7 3.0 4.4
164 9.8 7.9 11.9





#51

2,6-Dinitrotoluene

Concen: 3.695 ng

RT: 9.889 min Scan# 1199

Delta R.T. -0.006 min

Lab File: BF132247.D

Acq: 01 Feb 2023 00:28

Instrument :

BNA_F

ClientSampleId :

MDL-WATER-03-QT3-2022

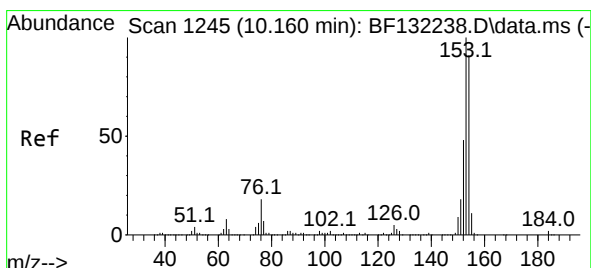
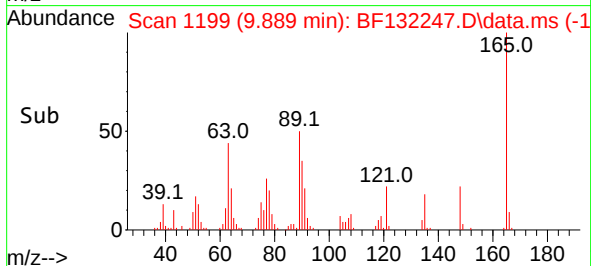
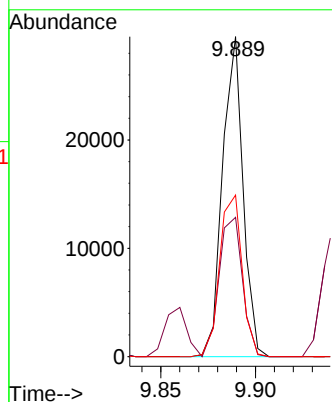
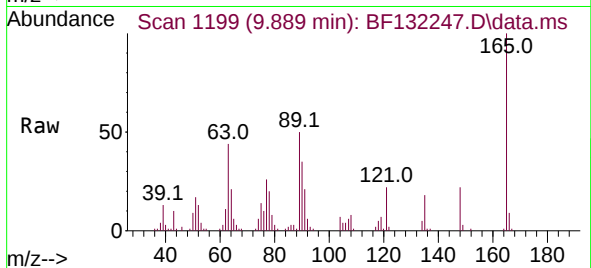
Tgt Ion:	165	Resp:	22226
Ion Ratio	Lower	Upper	
165	100		
63	43.5	41.5	62.3
89	50.5	48.1	72.1

Manual Integrations

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Reviewed By :Christian Giraldo 02/01/2023

Supervised By :Jagrut Upadhyay 02/01/2023



#52

Acenaphthene

Concen: 3.998 ng

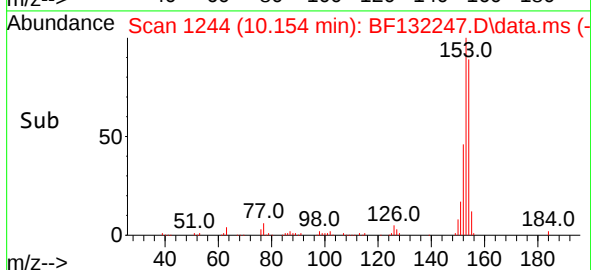
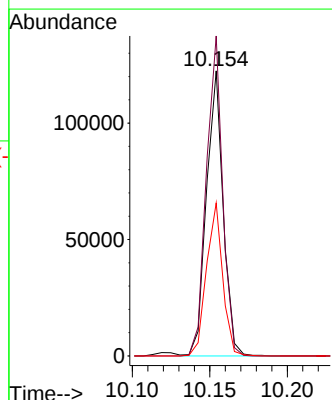
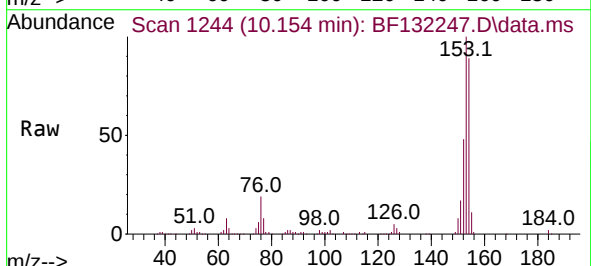
RT: 10.154 min Scan# 1244

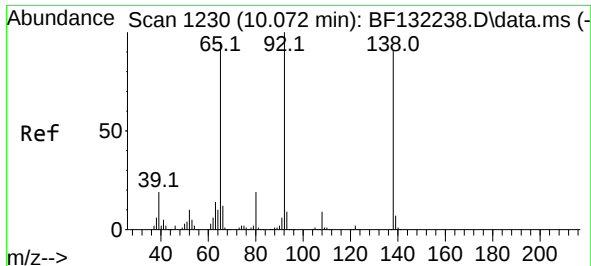
Delta R.T. -0.006 min

Lab File: BF132247.D

Acq: 01 Feb 2023 00:28

Tgt Ion:	154	Resp:	92345
Ion Ratio	Lower	Upper	
154	100		
153	112.3	88.3	132.5
152	53.6	42.7	64.1





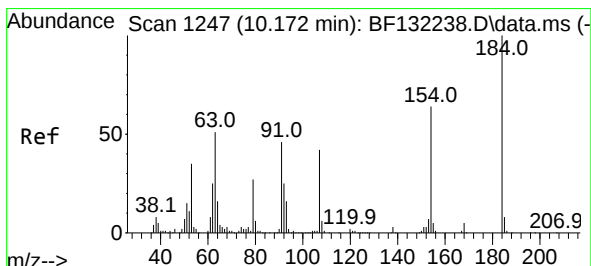
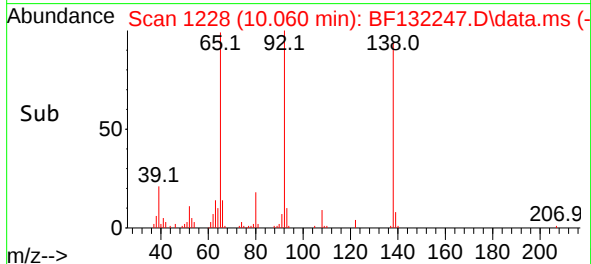
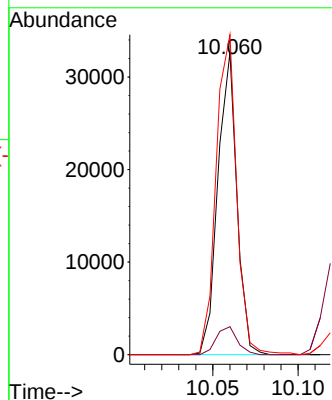
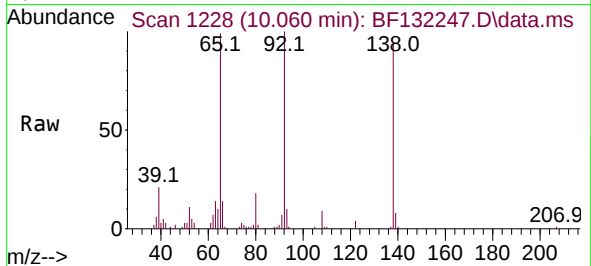
#53
3-Nitroaniline
Concen: 3.468 ng
RT: 10.060 min Scan# 1228
Delta R.T. -0.012 min
Lab File: BF132247.D
Acq: 01 Feb 2023 00:28

Instrument : BNA_F
ClientSampleId : MDL-WATER-03-QT3-2022

Tgt Ion:138 Resp: 25298
Ion Ratio Lower Upper
138 100
108 9.3 7.6 11.4
92 105.9 88.3 132.5

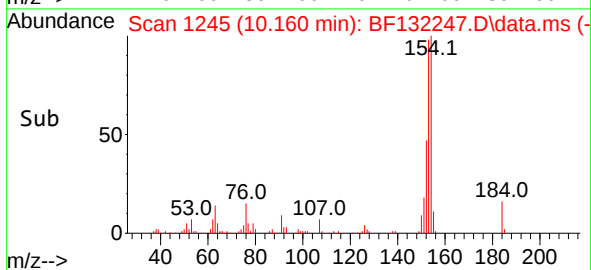
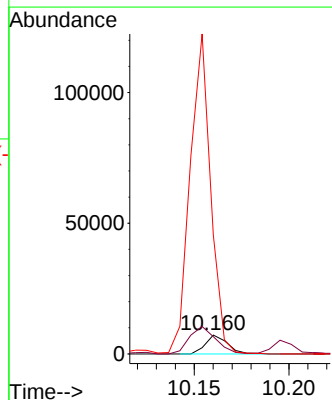
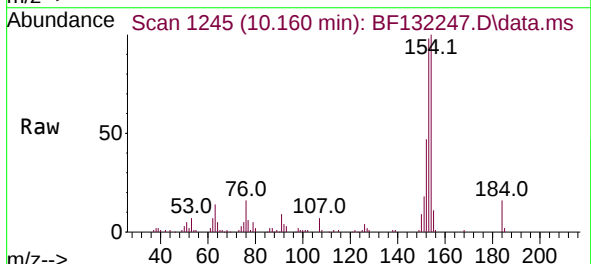
Manual Integrations
APPROVED

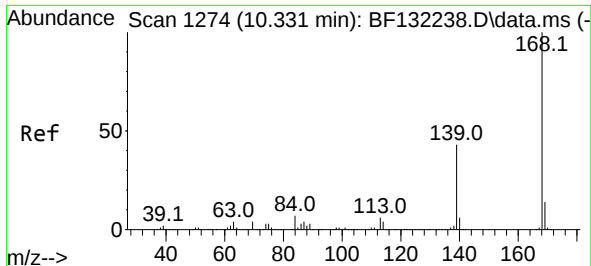
Reviewed By :Christian Giraldo 02/01/2023
Supervised By :Jagrut Upadhyay 02/01/2023



#54
2,4-Dinitrophenol
Concen: 5.902 ng
RT: 10.160 min Scan# 1245
Delta R.T. -0.012 min
Lab File: BF132247.D
Acq: 01 Feb 2023 00:28

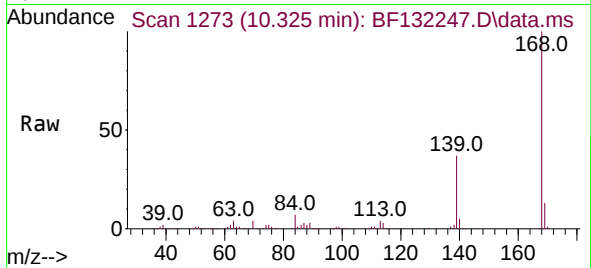
Tgt Ion:184 Resp: 5804
Ion Ratio Lower Upper
184 100
63 91.0 41.6 62.4#
154 629.8 57.0 85.6#





#55
Dibenzenofuran
Concen: 4.174 ng
RT: 10.325 min Scan# 1273
Delta R.T. -0.006 min
Lab File: BF132247.D
Acq: 01 Feb 2023 00:28

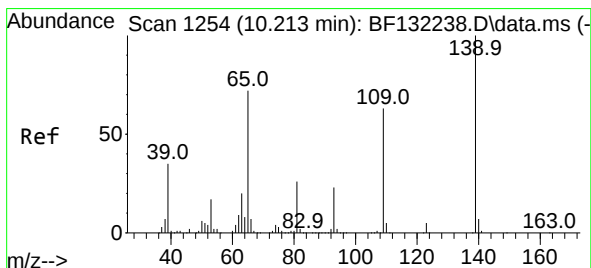
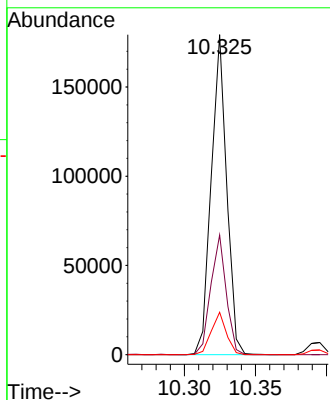
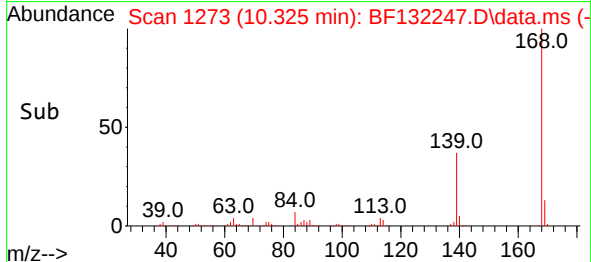
Instrument :
BNA_F
ClientSampleId :
MDL-WATER-03-QT3-2022



Tgt Ion:168 Resp: 135486
Ion Ratio Lower Upper
168 100
139 37.4 34.2 51.4
169 13.2 11.2 16.8

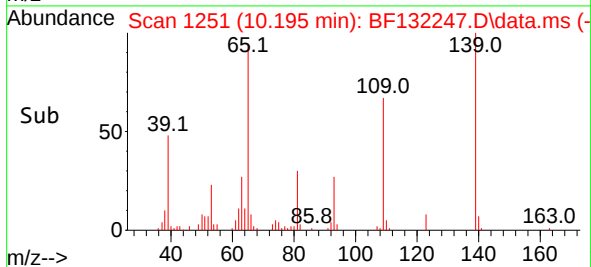
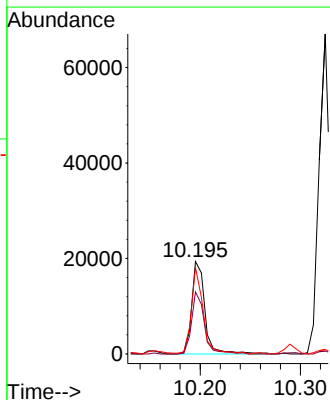
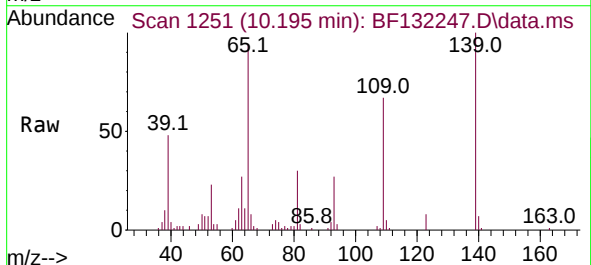
Manual Integrations
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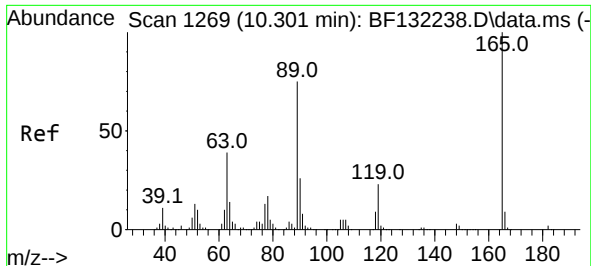
Reviewed By :Christian Giraldo 02/01/2023
Supervised By :Jagrut Upadhyay 02/01/2023



#56
4-Nitrophenol
Concen: 3.206 ng
RT: 10.195 min Scan# 1251
Delta R.T. -0.018 min
Lab File: BF132247.D
Acq: 01 Feb 2023 00:28

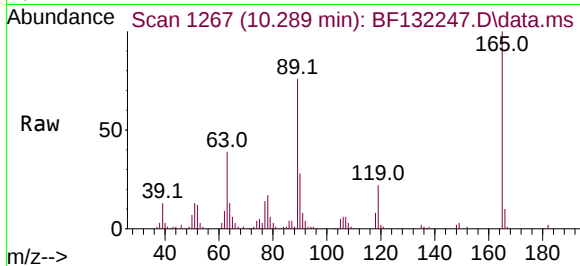
Tgt Ion:139 Resp: 17596
Ion Ratio Lower Upper
139 100
109 67.1 43.3 83.3
65 93.6 52.3 92.3#





#57
2,4-Dinitrotoluene
Concen: 3.584 ng
RT: 10.289 min Scan# 1269
Delta R.T. -0.012 min
Lab File: BF132247.D
Acq: 01 Feb 2023 00:28

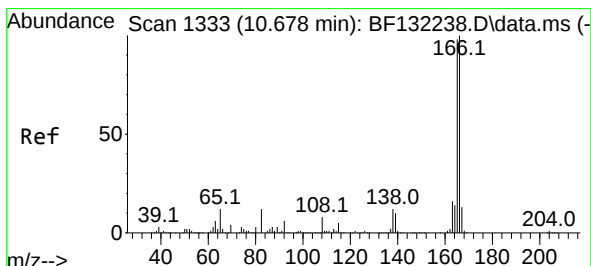
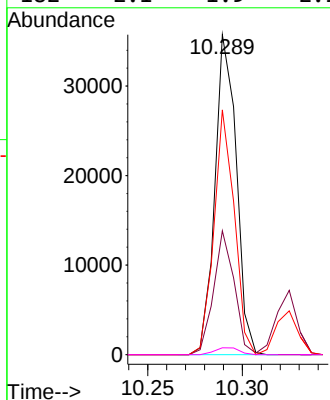
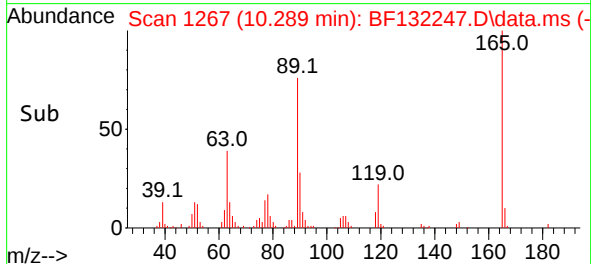
Instrument :
BNA_F
ClientSampleId :
MDL-WATER-03-QT3-2022



Tgt Ion:165 Resp: 28005
Ion Ratio Lower Upper
165 100
63 38.7 30.9 46.3
89 76.5 60.1 90.1
182 2.1 1.9 2.9

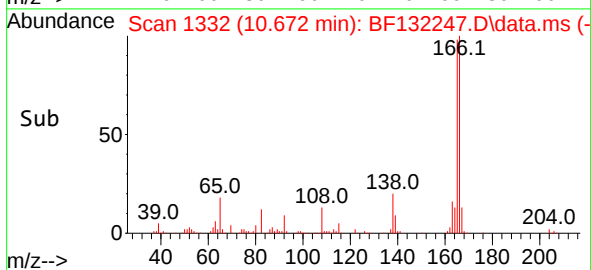
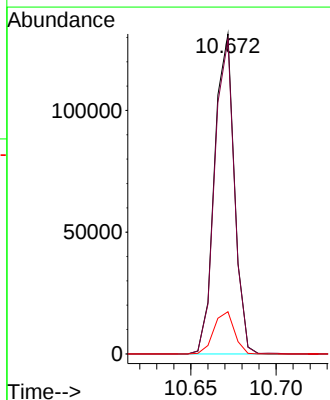
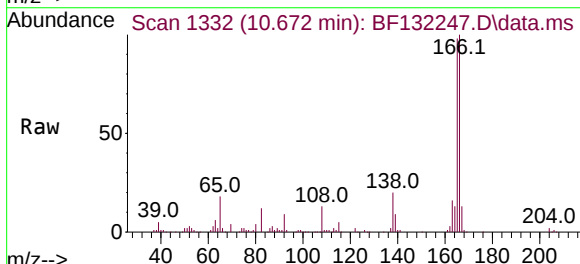
Manual Integrations
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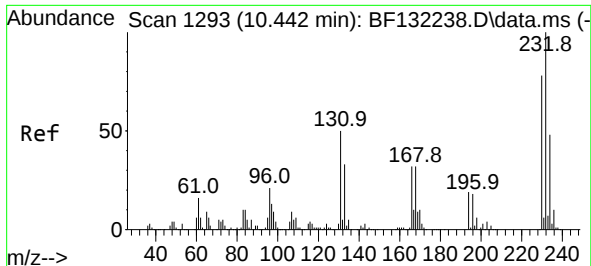
Reviewed By :Christian Giraldo 02/01/2023
Supervised By :Jagrut Upadhyay 02/01/2023



#58
Fluorene
Concen: 4.243 ng
RT: 10.672 min Scan# 1332
Delta R.T. -0.006 min
Lab File: BF132247.D
Acq: 01 Feb 2023 00:28

Tgt Ion:166 Resp: 105970
Ion Ratio Lower Upper
166 100
165 98.3 78.0 117.0
167 13.2 10.8 16.2





#59

2,3,4,6-Tetrachlorophenol

Concen: 3.636 ng

RT: 10.436 min Scan# 1292

Delta R.T. -0.006 min

Lab File: BF132247.D

Acq: 01 Feb 2023 00:28

Instrument :

BNA_F

ClientSampleId :

MDL-WATER-03-QT3-2022

Tgt Ion:232 Resp: 23628

Ion Ratio Lower Upper

232 100

131 47.1 40.6 61.0

130 2.2 1.9 2.9

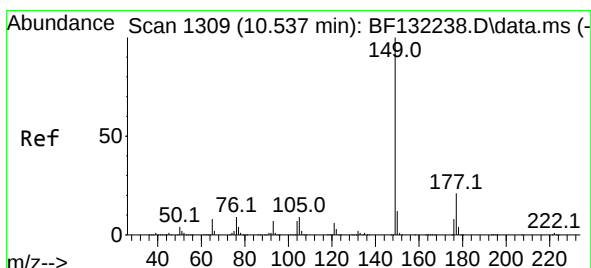
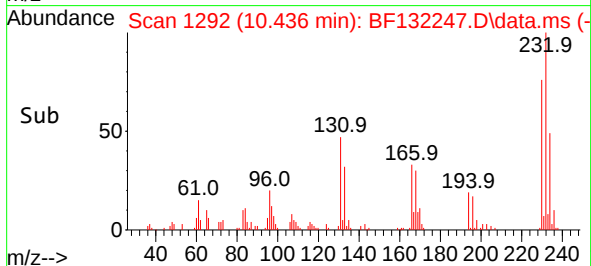
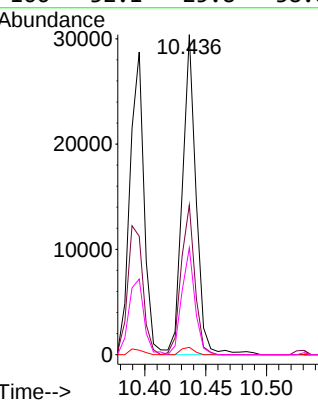
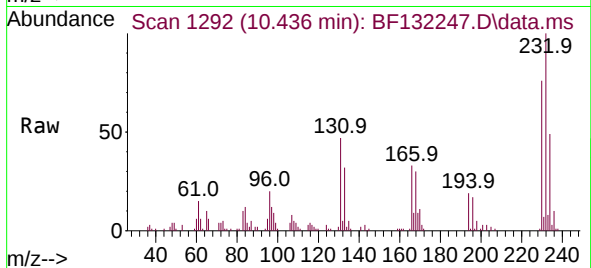
166 32.1 25.8 38.8

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 02/01/2023

Supervised By :Jagrut Upadhyay 02/01/2023



#60

Diethylphthalate

Concen: 3.988 ng

RT: 10.531 min Scan# 1308

Delta R.T. -0.006 min

Lab File: BF132247.D

Acq: 01 Feb 2023 00:28

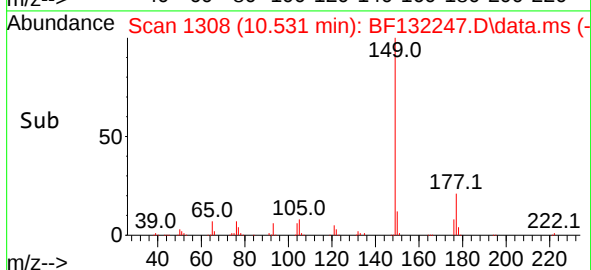
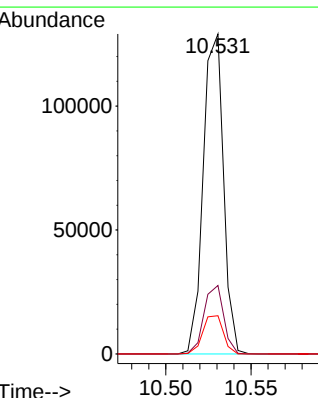
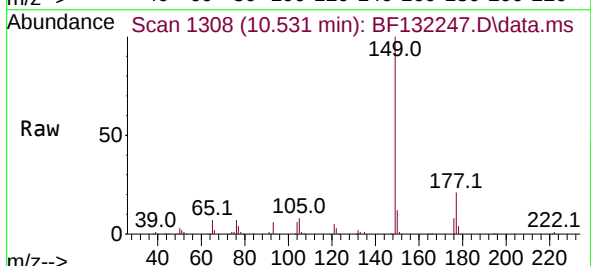
Tgt Ion:149 Resp: 106834

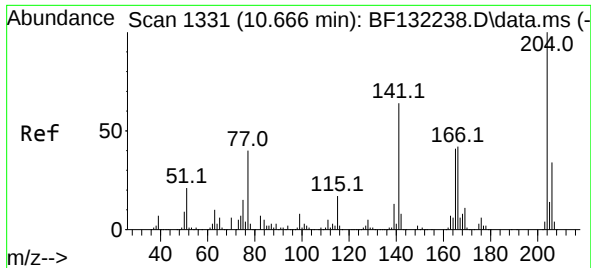
Ion Ratio Lower Upper

149 100

177 21.4 17.1 25.7

150 11.9 9.9 14.9





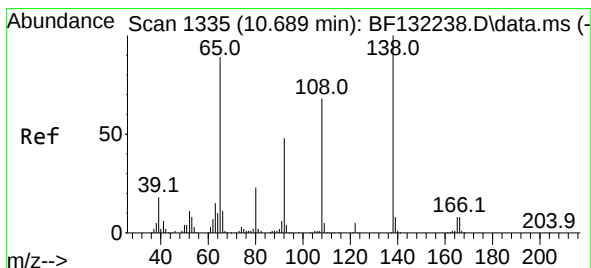
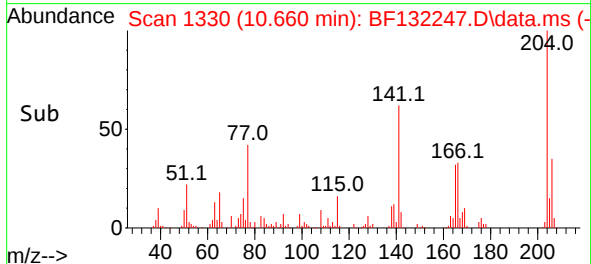
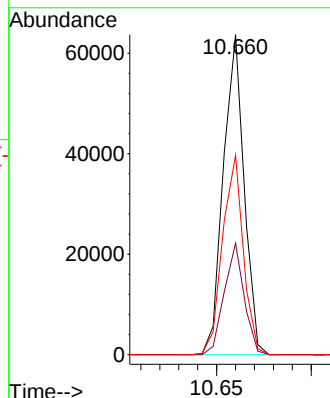
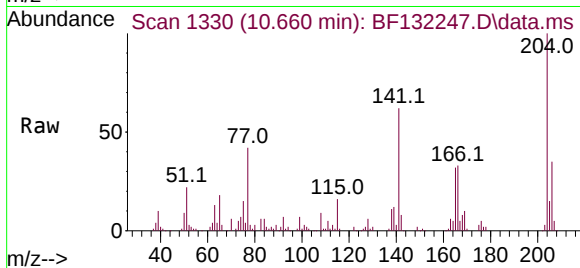
#61
4-Chlorophenyl-phenylether
Concen: 4.091 ng
RT: 10.660 min Scan# 1331
Delta R.T. -0.006 min
Lab File: BF132247.D
Acq: 01 Feb 2023 00:28

Instrument : BNA_F
ClientSampleId : MDL-WATER-03-QT3-2022

Tgt Ion:204 Resp: 48499
Ion Ratio Lower Upper
204 100
206 34.8 26.8 40.2
141 62.3 51.4 77.0

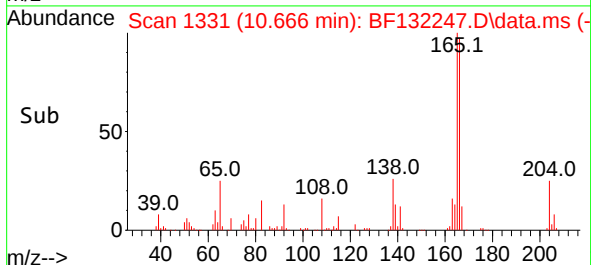
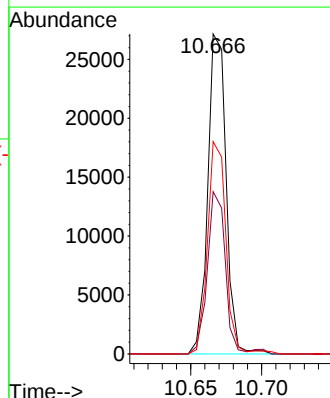
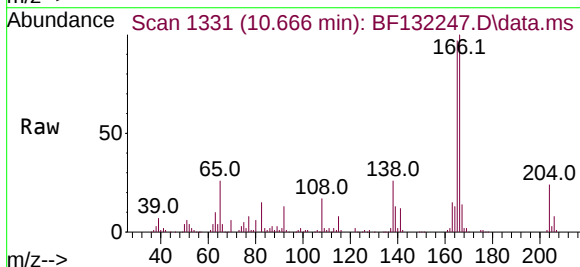
Manual Integrations
APPROVED

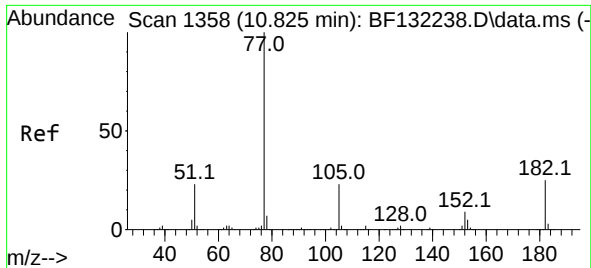
Reviewed By :Christian Giraldo 02/01/2023
Supervised By :Jagrut Upadhyay 02/01/2023



#62
4-Nitroaniline
Concen: 3.470 ng
RT: 10.666 min Scan# 1331
Delta R.T. -0.024 min
Lab File: BF132247.D
Acq: 01 Feb 2023 00:28

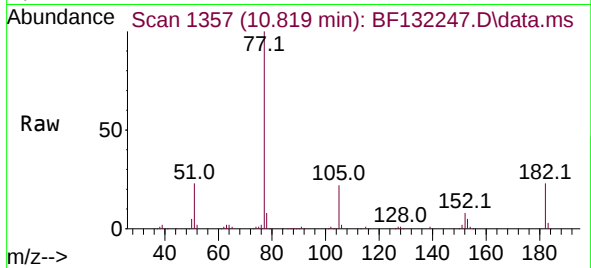
Tgt Ion:138 Resp: 24275
Ion Ratio Lower Upper
138 100
92 50.7 27.7 67.7
108 66.3 48.5 88.5





#63
Azobenzene
Concen: 3.908 ng
RT: 10.819 min Scan# 1357
Delta R.T. -0.006 min
Lab File: BF132247.D
Acq: 01 Feb 2023 00:28

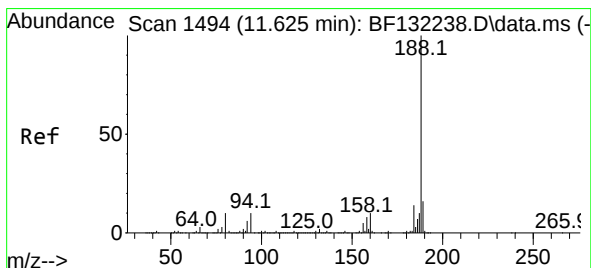
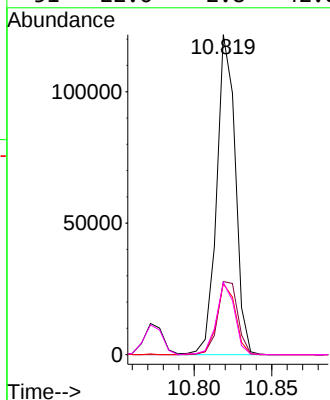
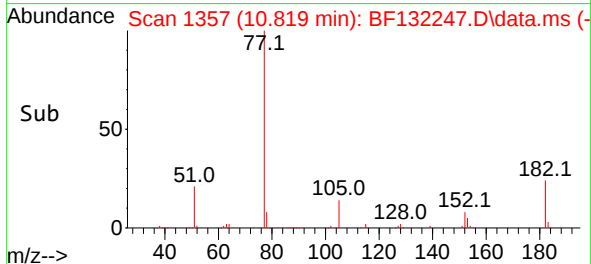
Instrument :
BNA_F
ClientSampleId :
MDL-WATER-03-QT3-2022



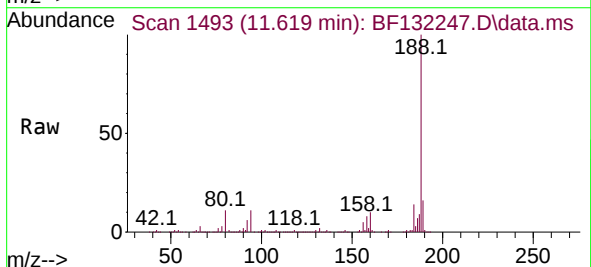
Tgt Ion: 77 Resp: 102000
Ion Ratio Lower Upper
77 100
182 22.8 4.5 44.5
105 22.1 2.7 42.7
51 22.6 2.8 42.8

Manual Integrations
APPROVED

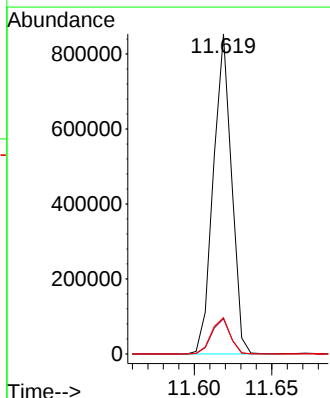
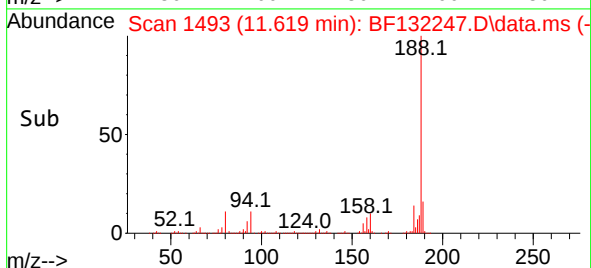
Reviewed By :Christian Giraldo 02/01/2023
Supervised By :Jagrut Upadhyay 02/01/2023

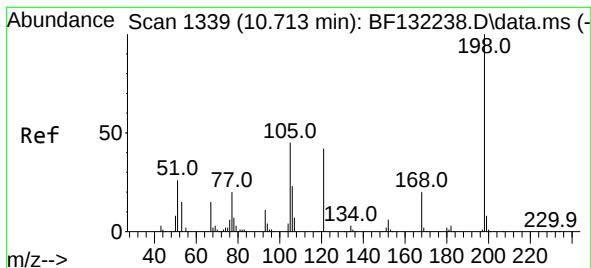


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.619 min Scan# 1493
Delta R.T. -0.006 min
Lab File: BF132247.D
Acq: 01 Feb 2023 00:28



Tgt Ion:188 Resp: 698161
Ion Ratio Lower Upper
188 100
94 11.0 8.2 12.2
80 11.3 8.3 12.5





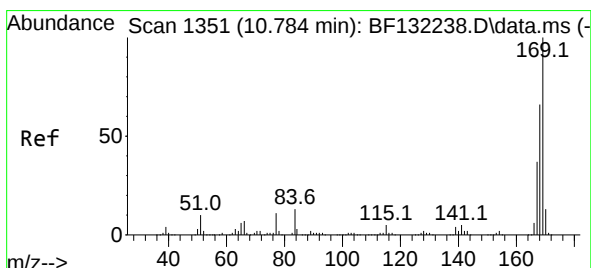
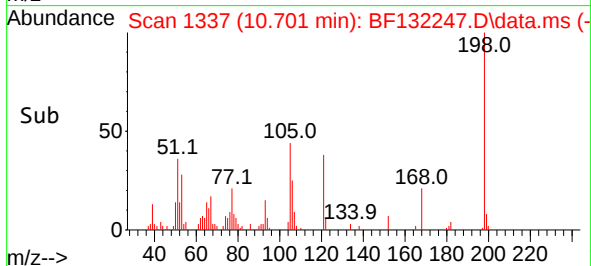
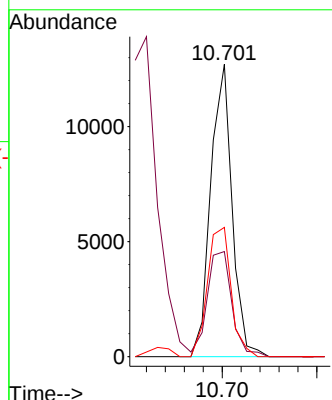
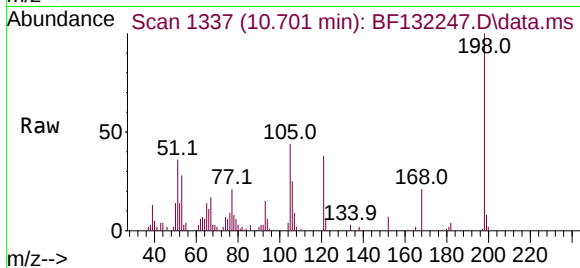
#65
4,6-Dinitro-2-methylphenol
Concen: 2.514 ng
RT: 10.701 min Scan# 1337
Delta R.T. -0.012 min
Lab File: BF132247.D
Acq: 01 Feb 2023 00:28

Instrument : BNA_F
ClientSampleId : MDL-WATER-03-QT3-2022

Tgt Ion:198 Resp: 9963
Ion Ratio Lower Upper
198 100
51 35.9 13.1 53.1
105 44.2 26.0 66.0

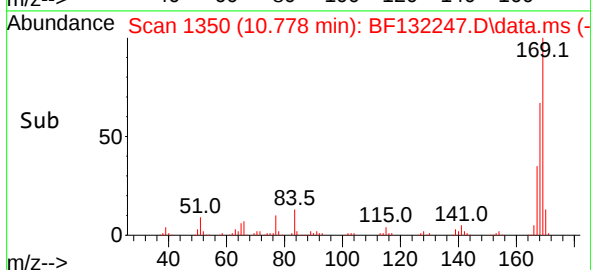
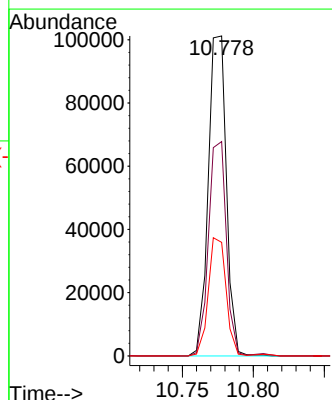
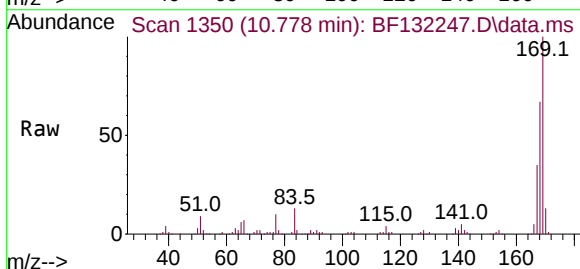
Manual Integrations
APPROVED

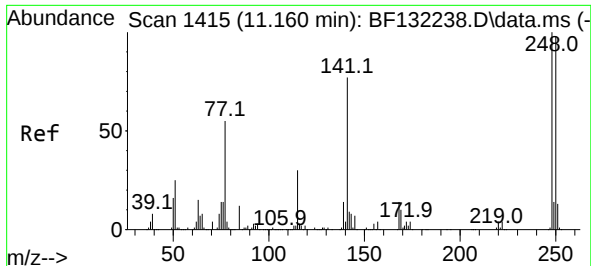
Reviewed By :Christian Giraldo 02/01/2023
Supervised By :Jagrut Upadhyay 02/01/2023



#66
n-Nitrosodiphenylamine
Concen: 4.107 ng
RT: 10.778 min Scan# 1350
Delta R.T. -0.006 min
Lab File: BF132247.D
Acq: 01 Feb 2023 00:28

Tgt Ion:169 Resp: 89787
Ion Ratio Lower Upper
169 100
168 67.0 52.6 79.0
167 35.5 29.5 44.3





#67

4-Bromophenyl-phenylether

Concen: 3.951 ng

RT: 11.154 min Scan# 1414

Delta R.T. -0.006 min

Lab File: BF132247.D

Acq: 01 Feb 2023 00:28

Instrument :

BNA_F

ClientSampleId :

MDL-WATER-03-QT3-2022

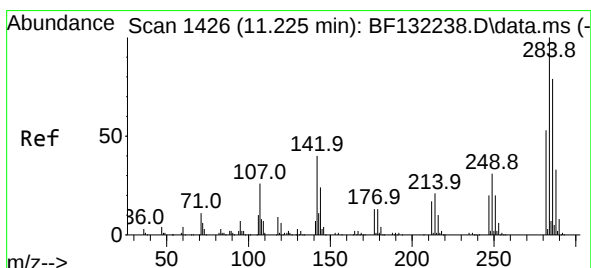
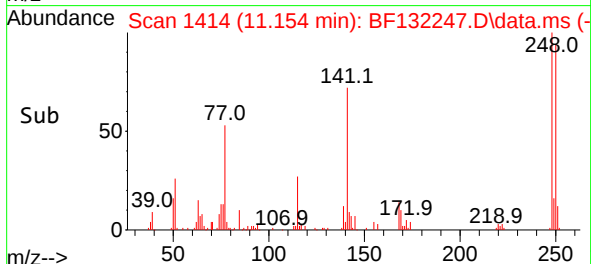
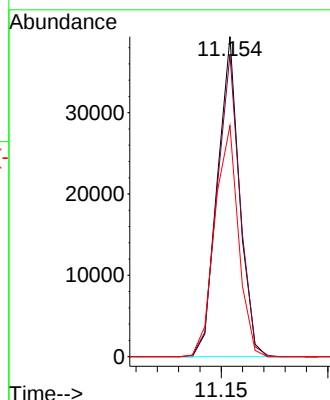
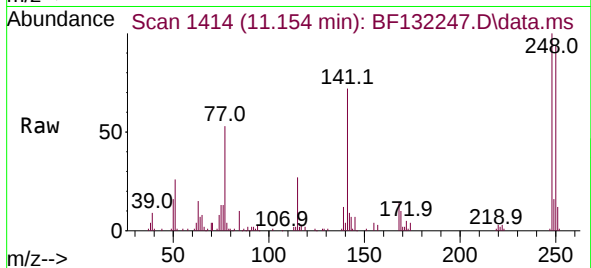
Tgt Ion:	248	Resp:	2824
Ion Ratio	Lower	Upper	
248	100		
250	94.5	78.6	117.8
141	72.2	61.6	92.4

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 02/01/2023

Supervised By :Jagrut Upadhyay 02/01/2023



#68

Hexachlorobenzene

Concen: 4.361 ng

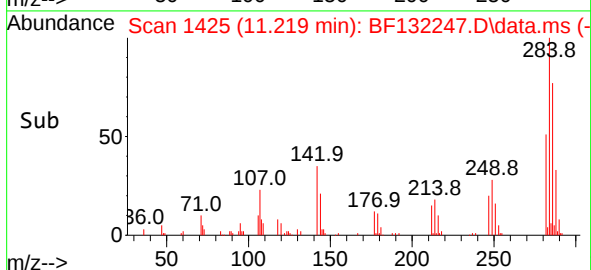
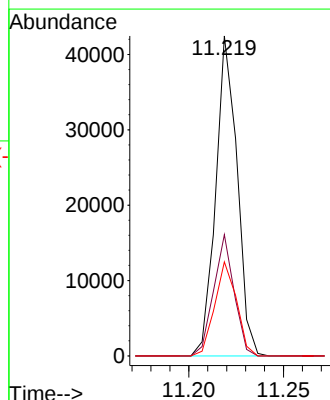
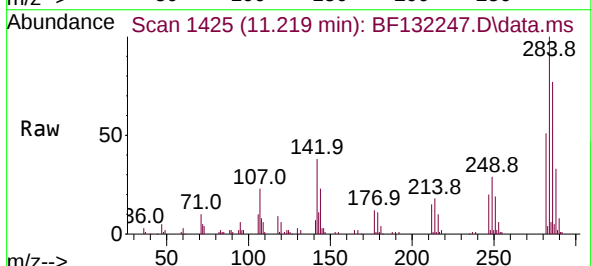
RT: 11.219 min Scan# 1425

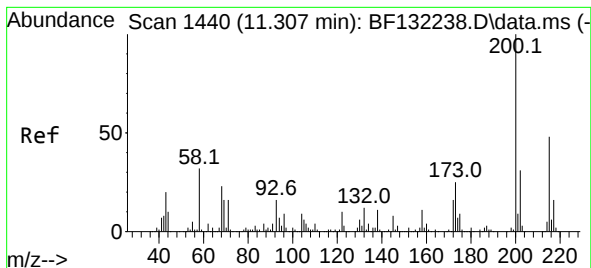
Delta R.T. -0.006 min

Lab File: BF132247.D

Acq: 01 Feb 2023 00:28

Tgt Ion:	284	Resp:	33321
Ion Ratio	Lower	Upper	
284	100		
142	37.9	32.2	48.4
249	29.4	25.0	37.6





#69

Atrazine

Concen: 4.191 ng

RT: 11.295 min Scan# 14

Delta R.T. -0.012 min

Lab File: BF132247.D

Acq: 01 Feb 2023 00:28

Instrument :

BNA_F

ClientSampleId :

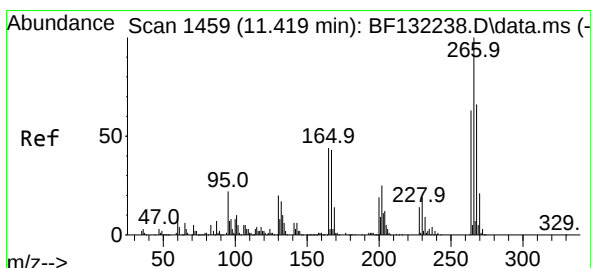
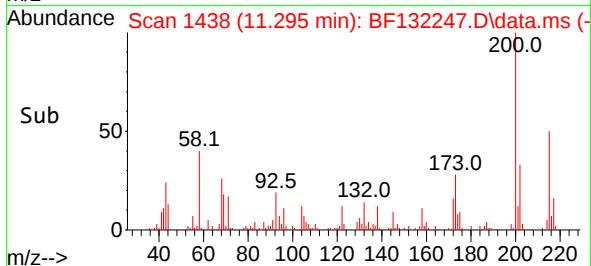
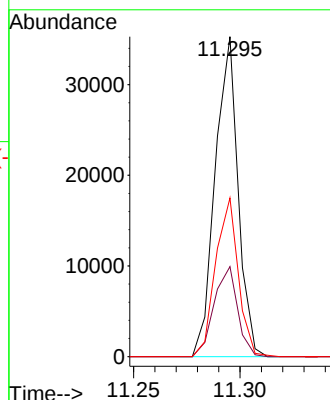
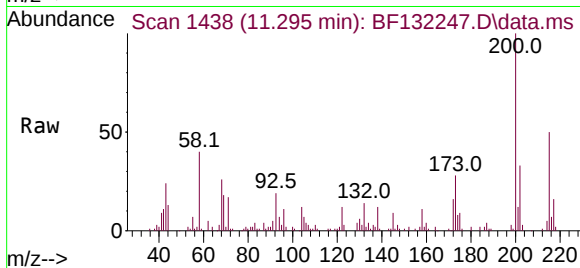
MDL-WATER-03-QT3-2022

Tgt Ion:200 Resp: 26354
 Ion Ratio Lower Upper
 200 100
 173 28.1 5.1 45.1
 215 49.6 27.6 67.6

Manual Integrations

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Reviewed By :Christian Giraldo 02/01/2023
 Supervised By :Jagrut Upadhyay 02/01/2023



#70

Pentachlorophenol

Concen: 2.559 ng

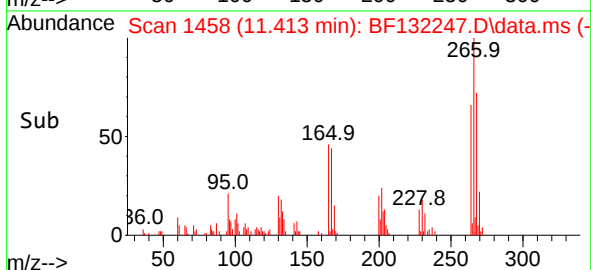
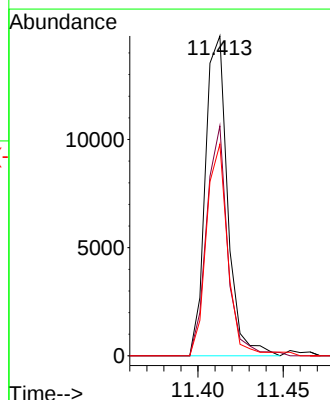
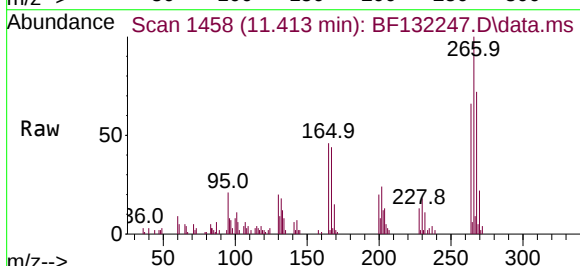
RT: 11.413 min Scan# 1458

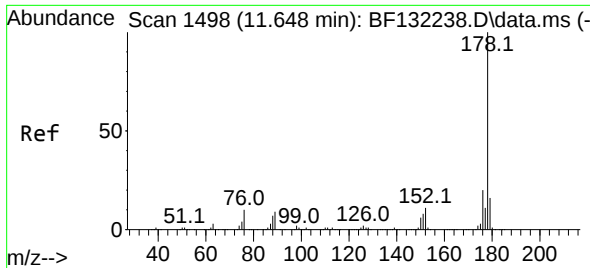
Delta R.T. -0.006 min

Lab File: BF132247.D

Acq: 01 Feb 2023 00:28

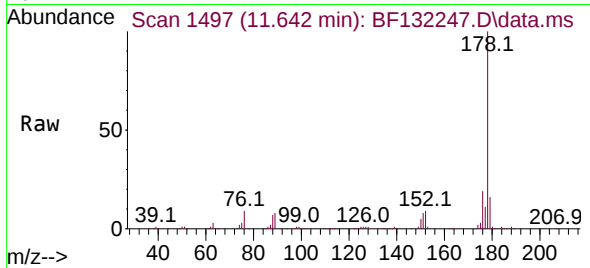
Tgt Ion:266 Resp: 13436
 Ion Ratio Lower Upper
 266 100
 268 71.9 53.0 79.4
 264 66.2 50.5 75.7





#71
Phenanthrene
Concen: 4.255 ng
RT: 11.642 min Scan# 1498
Delta R.T. -0.006 min
Lab File: BF132247.D
Acq: 01 Feb 2023 00:28

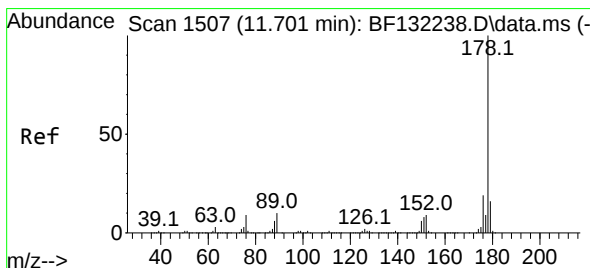
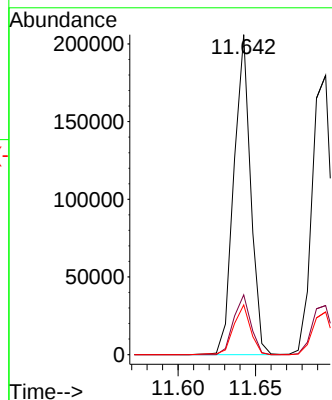
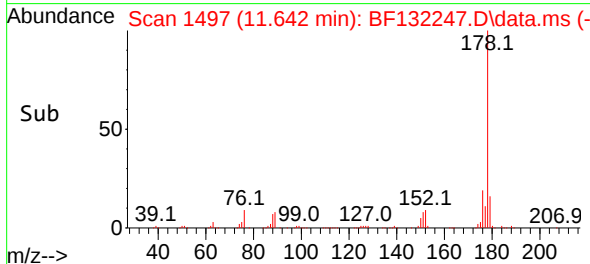
Instrument :
BNA_F
ClientSampleId :
MDL-WATER-03-QT3-2022



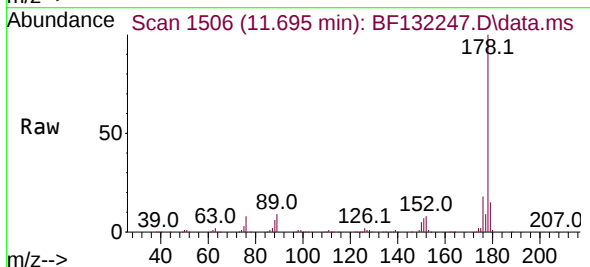
Tgt Ion:178 Resp: 155238
Ion Ratio Lower Upper
178 100
176 18.7 16.2 24.4
179 15.5 12.8 19.2

Manual Integrations
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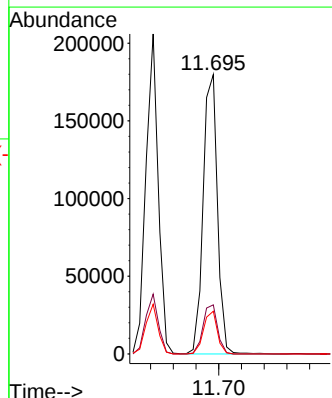
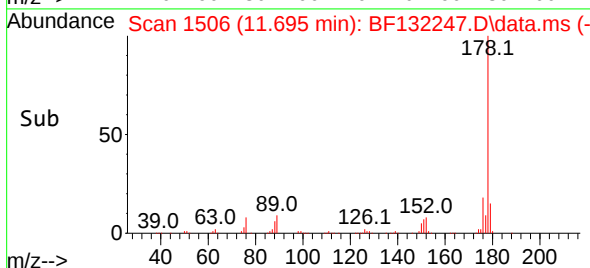
Reviewed By :Christian Giraldo 02/01/2023
Supervised By :Jagrut Upadhyay 02/01/2023

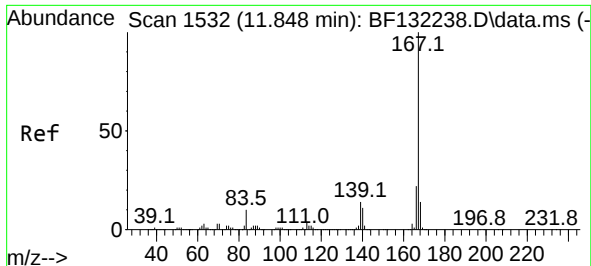


#72
Anthracene
Concen: 4.229 ng
RT: 11.695 min Scan# 1506
Delta R.T. -0.006 min
Lab File: BF132247.D
Acq: 01 Feb 2023 00:28



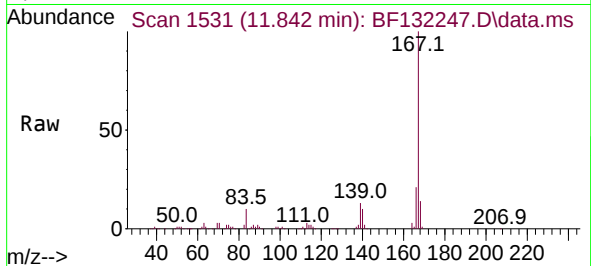
Tgt Ion:178 Resp: 157015
Ion Ratio Lower Upper
178 100
176 17.5 15.4 23.2
179 15.3 12.8 19.2





#73
Carbazole
Concen: 4.133 ng
RT: 11.842 min Scan# 1531
Delta R.T. -0.006 min
Lab File: BF132247.D
Acq: 01 Feb 2023 00:28

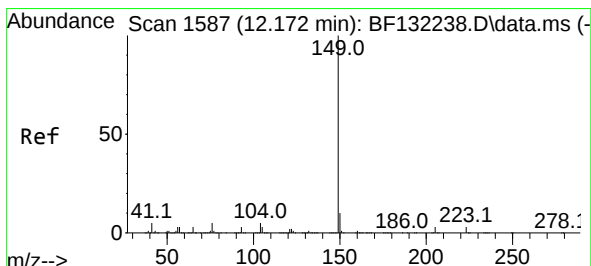
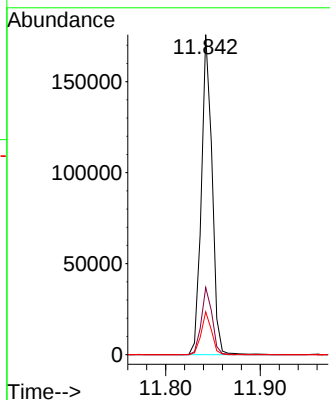
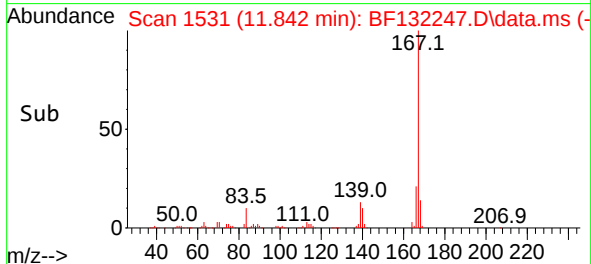
Instrument :
BNA_F
ClientSampleId :
MDL-WATER-03-QT3-2022



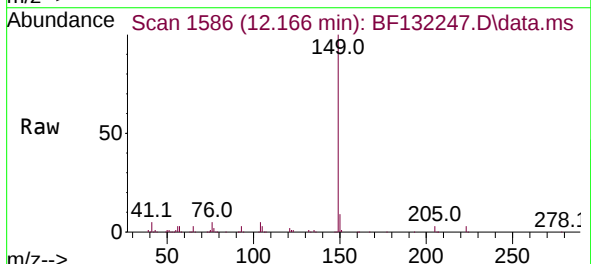
Tgt Ion:167 Resp: 137582
Ion Ratio Lower Upper
167 100
166 21.0 17.4 26.0
139 13.4 11.4 17.2

Manual Integrations
APPROVED

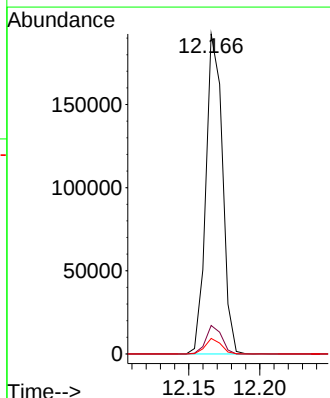
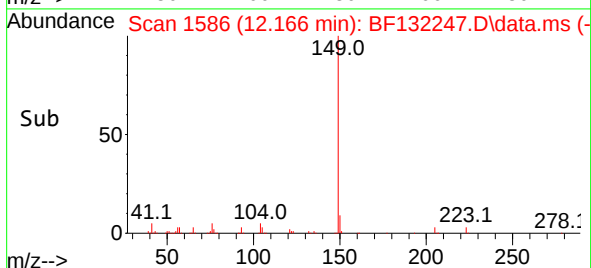
Reviewed By :Christian Giraldo 02/01/2023
Supervised By :Jagrut Upadhyay 02/01/2023

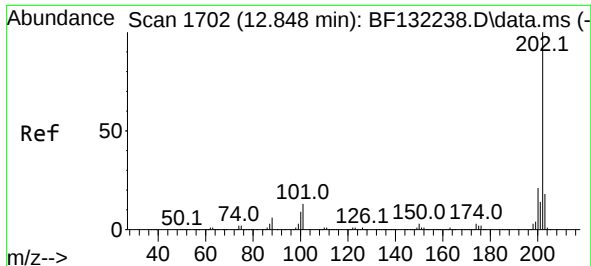


#74
Di-n-butylphthalate
Concen: 3.951 ng
RT: 12.166 min Scan# 1586
Delta R.T. -0.006 min
Lab File: BF132247.D
Acq: 01 Feb 2023 00:28



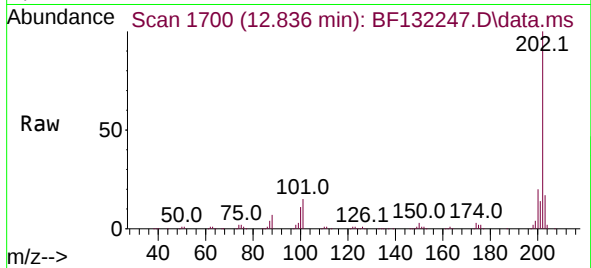
Tgt Ion:149 Resp: 155483
Ion Ratio Lower Upper
149 100
150 8.9 7.8 11.8
104 4.8 4.3 6.5





#75
Fluoranthene
Concen: 3.994 ng
RT: 12.836 min Scan# 1700
Delta R.T. -0.012 min
Lab File: BF132247.D
Acq: 01 Feb 2023 00:28

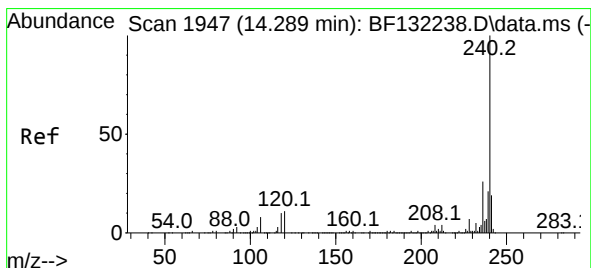
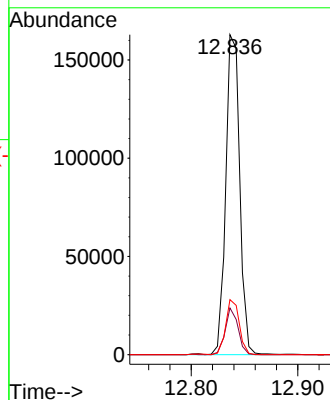
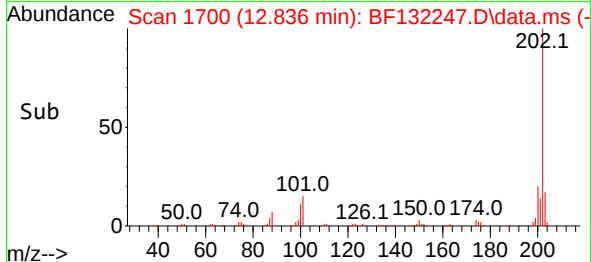
Instrument :
BNA_F
ClientSampleId :
MDL-WATER-03-QT3-2022



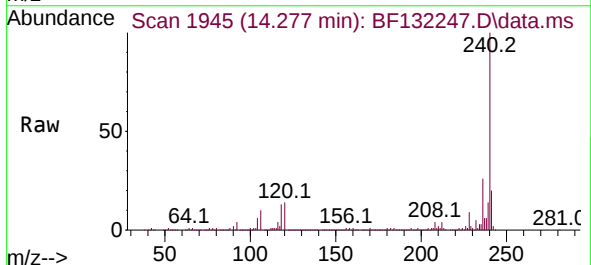
Tgt Ion:202 Resp: 148705
Ion Ratio Lower Upper
202 100
101 14.6 0.0 32.7
203 17.2 0.0 37.9

Manual Integrations
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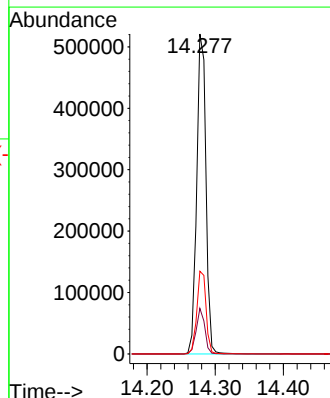
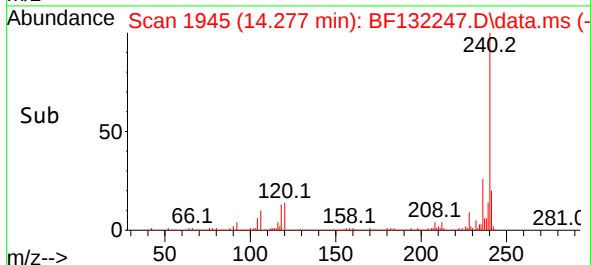
Reviewed By :Christian Giraldo 02/01/2023
Supervised By :Jagrut Upadhyay 02/01/2023

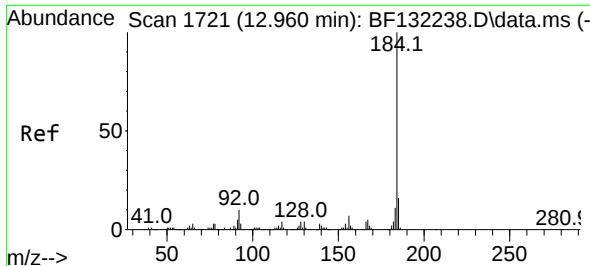


#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.277 min Scan# 1945
Delta R.T. -0.012 min
Lab File: BF132247.D
Acq: 01 Feb 2023 00:28



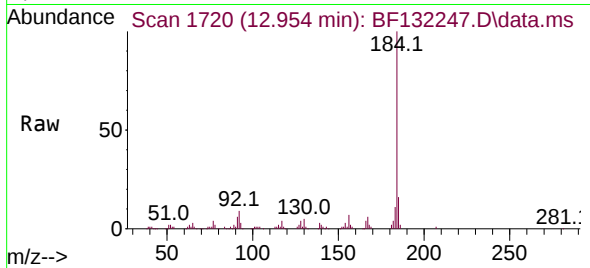
Tgt Ion:240 Resp: 490663
Ion Ratio Lower Upper
240 100
120 14.2 8.8 13.2#
236 25.8 21.0 31.6





#77
Benzidine
Concen: 4.182 ng
RT: 12.954 min Scan# 1713
Delta R.T. -0.006 min
Lab File: BF132247.D
Acq: 01 Feb 2023 00:28

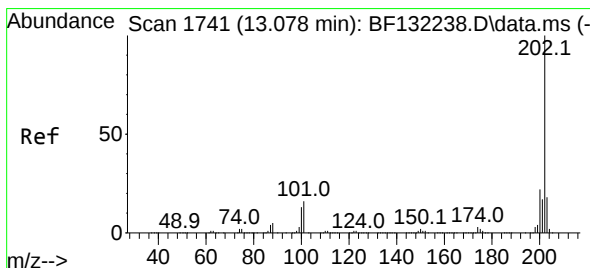
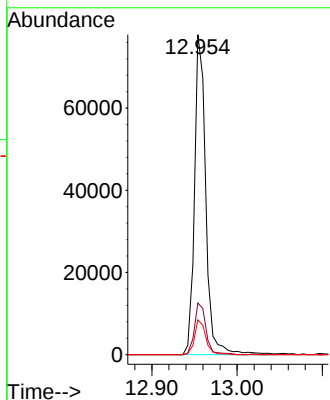
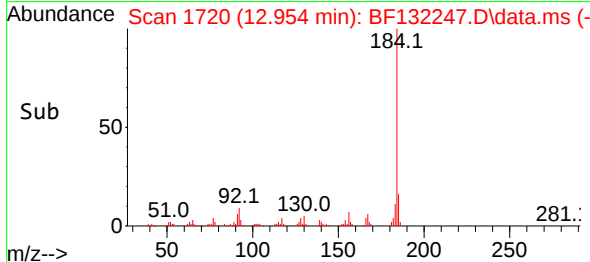
Instrument :
BNA_F
ClientSampleId :
MDL-WATER-03-QT3-2022



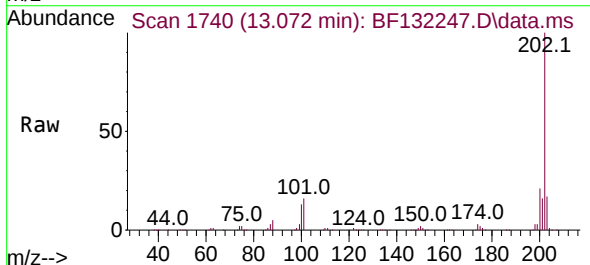
Tgt Ion:184 Resp: 71732
Ion Ratio Lower Upper
184 100
185 16.1 12.6 18.8
183 10.9 8.9 13.3

Manual Integrations
APPROVED

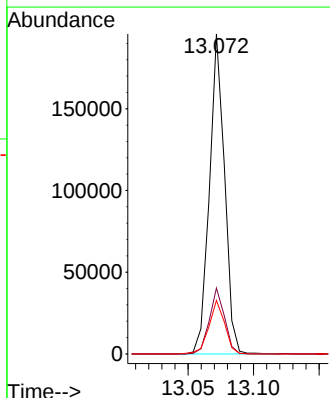
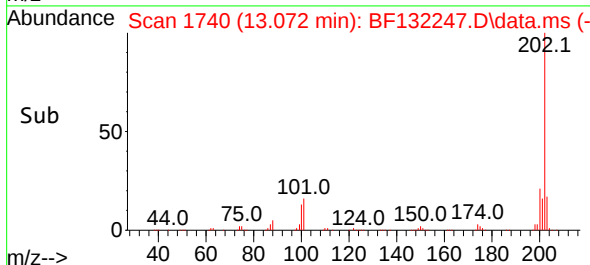
Reviewed By :Christian Giraldo 02/01/2023
Supervised By :Jagrut Upadhyay 02/01/2023

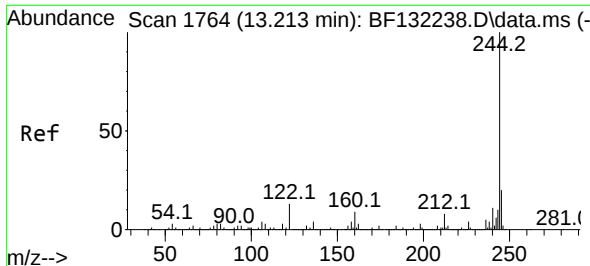


#78
Pyrene
Concen: 3.984 ng
RT: 13.072 min Scan# 1740
Delta R.T. -0.006 min
Lab File: BF132247.D
Acq: 01 Feb 2023 00:28



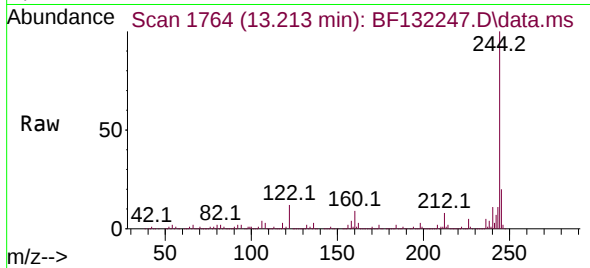
Tgt Ion:202 Resp: 157211
Ion Ratio Lower Upper
202 100
200 20.6 17.3 25.9
203 16.7 14.4 21.6





#79
 Terphenyl-d14
 Concen: 66.586 ng
 RT: 13.213 min Scan# 1764
 Delta R.T. -0.000 min
 Lab File: BF132247.D
 Acq: 01 Feb 2023 00:28

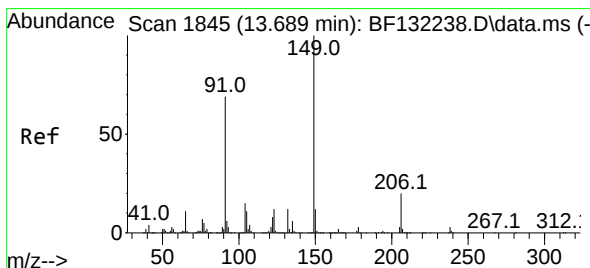
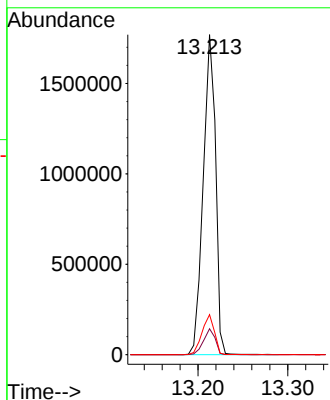
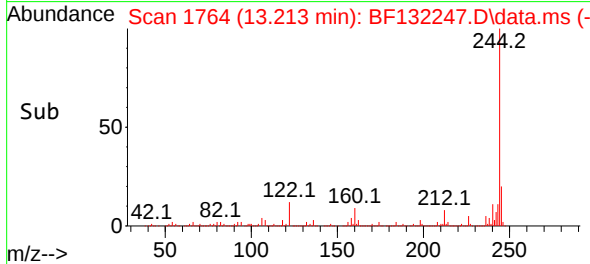
Instrument : BNA_F
 ClientSampleId : MDL-WATER-03-QT3-2022



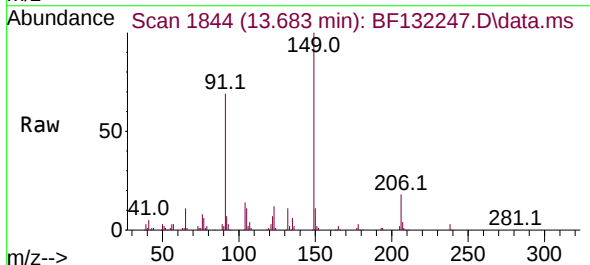
Tgt Ion:244 Resp: 168894
 Ion Ratio Lower Upper
 244 100
 212 8.1 6.4 9.6
 122 12.5 10.5 15.7

Manual Integrations
 APPROVED

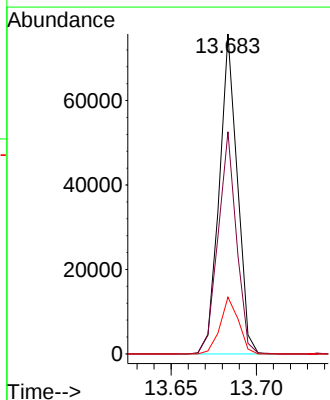
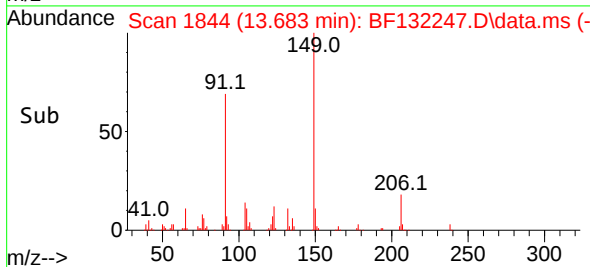
Reviewed By :Christian Giraldo 02/01/2023
 Supervised By :Jagrut Upadhyay 02/01/2023

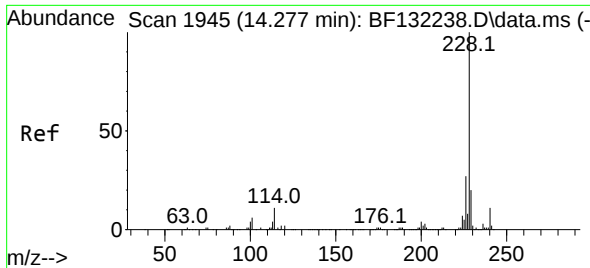


#80
 Butylbenzylphthalate
 Concen: 3.198 ng
 RT: 13.683 min Scan# 1844
 Delta R.T. -0.006 min
 Lab File: BF132247.D
 Acq: 01 Feb 2023 00:28



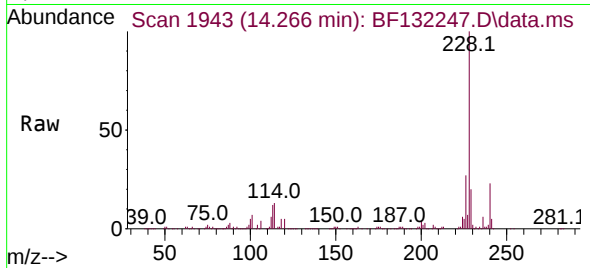
Tgt Ion:149 Resp: 55762
 Ion Ratio Lower Upper
 149 100
 91 69.4 55.0 82.6
 206 17.8 15.9 23.9





#81
Benzo(a)anthracene
Concen: 3.868 ng
RT: 14.266 min Scan# 1945
Delta R.T. -0.012 min
Lab File: BF132247.D
Acq: 01 Feb 2023 00:28

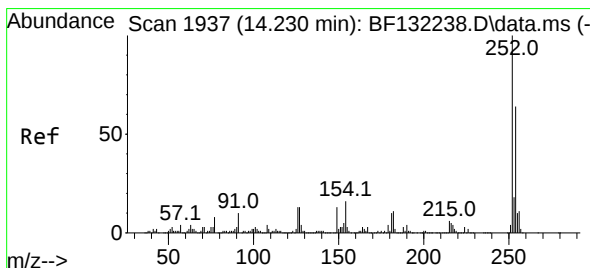
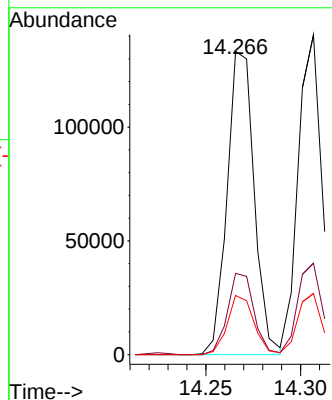
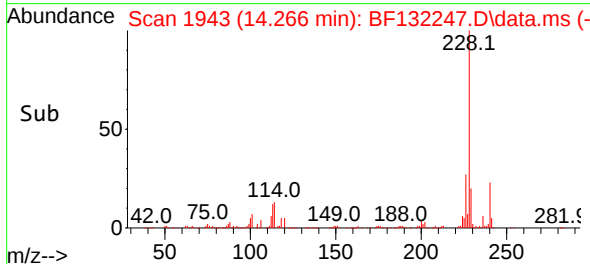
Instrument : BNA_F
ClientSampleId : MDL-WATER-03-QT3-2022



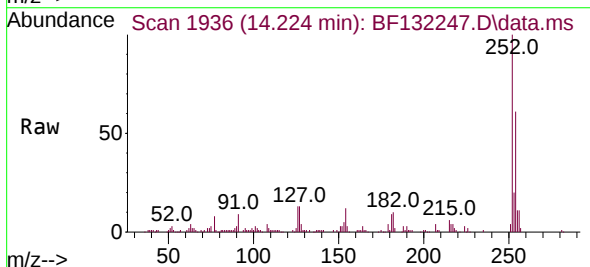
Tgt Ion:228 Resp: 132739
Ion Ratio Lower Upper
228 100
226 26.8 22.0 33.0
229 19.5 15.8 23.6

Manual Integrations
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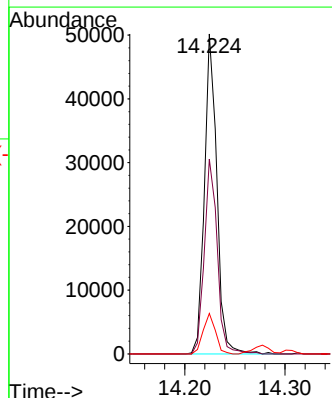
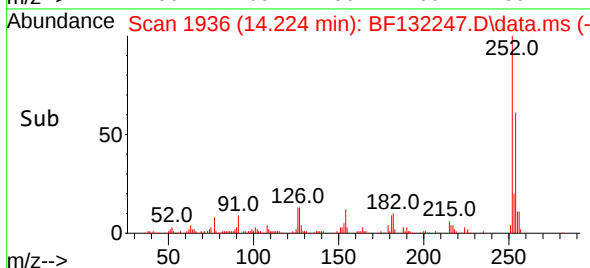
Reviewed By :Christian Giraldo 02/01/2023
Supervised By :Jagrut Upadhyay 02/01/2023

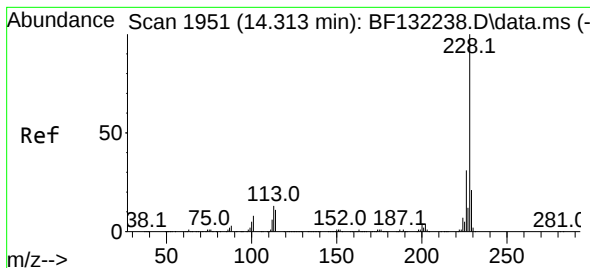


#82
3,3'-Dichlorobenzidine
Concen: 3.936 ng
RT: 14.224 min Scan# 1936
Delta R.T. -0.006 min
Lab File: BF132247.D
Acq: 01 Feb 2023 00:28



Tgt Ion:252 Resp: 43026
Ion Ratio Lower Upper
252 100
254 60.9 51.6 77.4
126 12.6 10.5 15.7





#83

Chrysene

Concen: 3.857 ng

RT: 14.307 min Scan# 1951

Delta R.T. -0.006 min

Lab File: BF132247.D

Acq: 01 Feb 2023 00:28

Instrument :

BNA_F

ClientSampleId :

MDL-WATER-03-QT3-2022

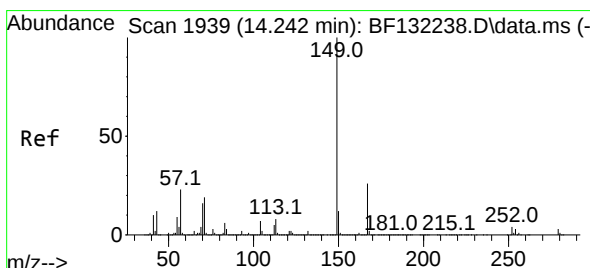
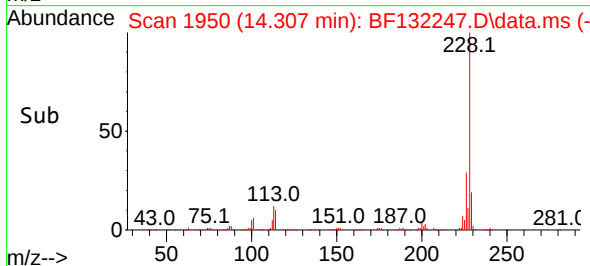
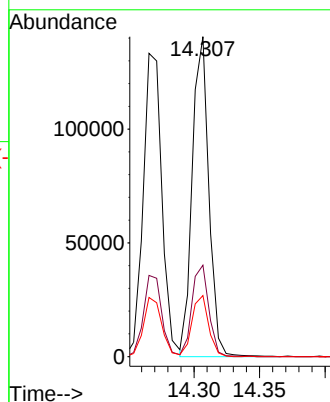
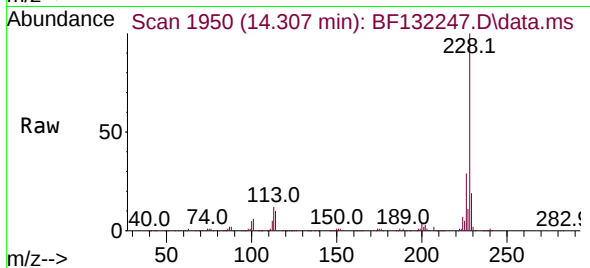
Tgt Ion:228 Resp: 123928

Ion	Ratio	Lower	Upper
228	100		
226	28.6	24.9	37.3
229	19.1	16.4	24.6

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 02/01/2023
Supervised By :Jagrut Upadhyay 02/01/2023



#84

Bis(2-ethylhexyl)phthalate

Concen: 3.403 ng

RT: 14.242 min Scan# 1939

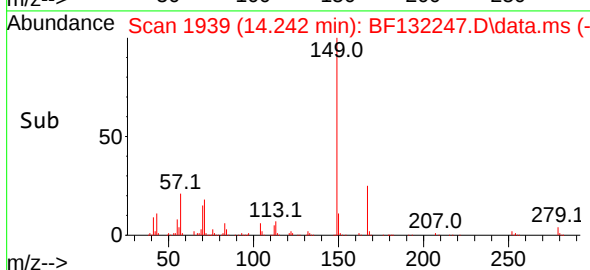
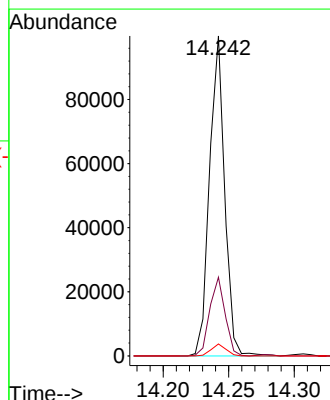
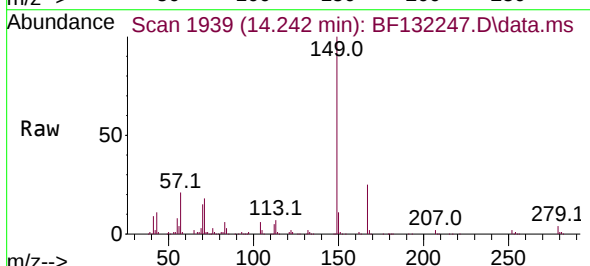
Delta R.T. -0.000 min

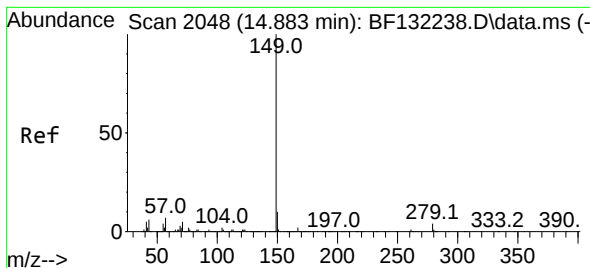
Lab File: BF132247.D

Acq: 01 Feb 2023 00:28

Tgt Ion:149 Resp: 80204

Ion	Ratio	Lower	Upper
149	100		
167	24.6	20.7	31.1
279	3.7	2.7	4.1





#85

Di-n-octyl phthalate

Concen: 3.238 ng

RT: 14.877 min Scan# 2047

Delta R.T. -0.006 min

Lab File: BF132247.D

Acq: 01 Feb 2023 00:28

Instrument :

BNA_F

ClientSampleId :

MDL-WATER-03-QT3-2022

Tgt Ion:149 Resp: 124462

Ion Ratio Lower Upper

149 100

167 1.4 1.2 1.8

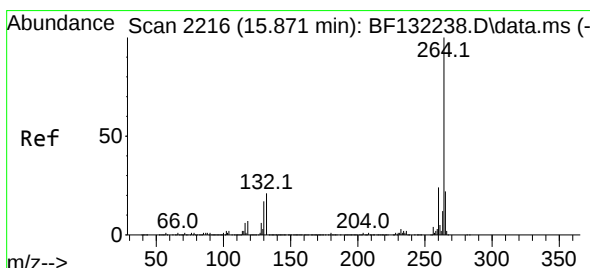
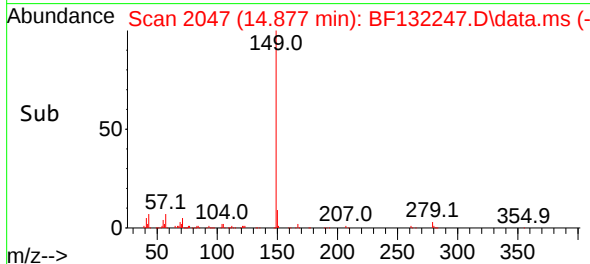
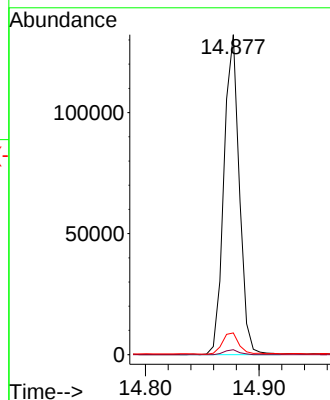
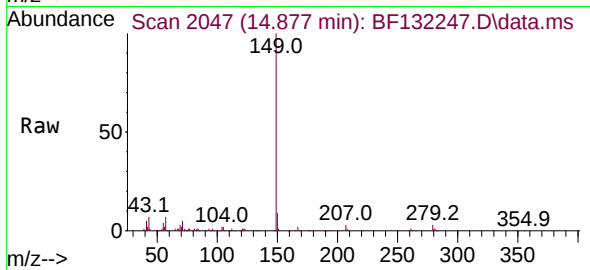
43 7.3 5.9 8.9

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 02/01/2023

Supervised By :Jagrut Upadhyay 02/01/2023



#86

Perylene-d12

Concen: 20.000 ng

RT: 15.866 min Scan# 2215

Delta R.T. -0.006 min

Lab File: BF132247.D

Acq: 01 Feb 2023 00:28

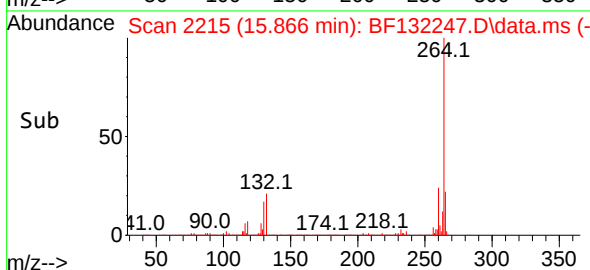
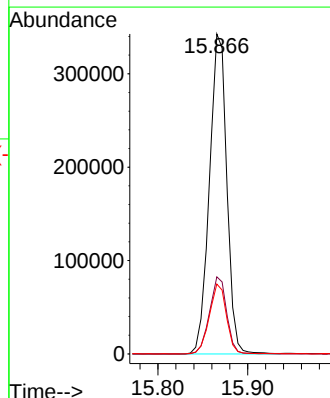
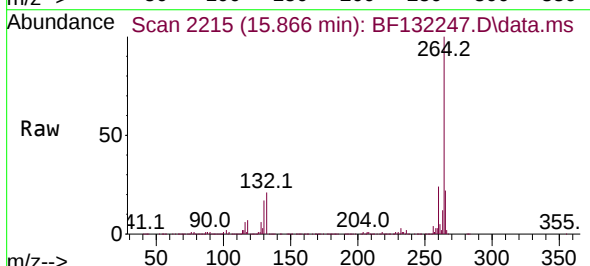
Tgt Ion:264 Resp: 460899

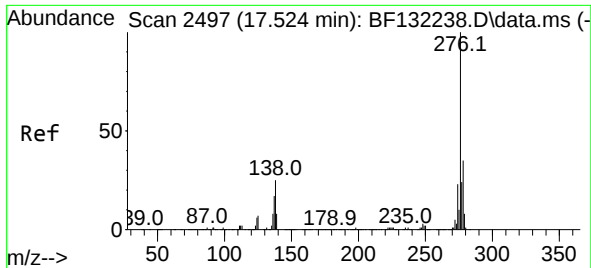
Ion Ratio Lower Upper

264 100

260 24.1 19.0 28.4

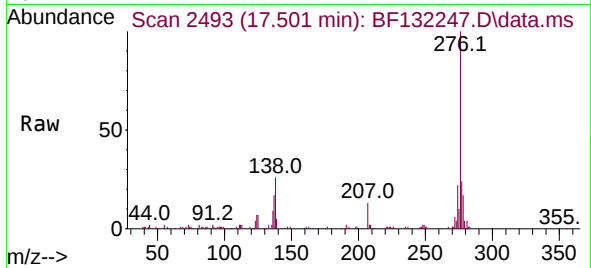
265 21.8 17.4 26.2





#87
Indeno(1,2,3-cd)pyrene
Concen: 3.096 ng
RT: 17.501 min Scan# 2497
Delta R.T. -0.024 min
Lab File: BF132247.D
Acq: 01 Feb 2023 00:28

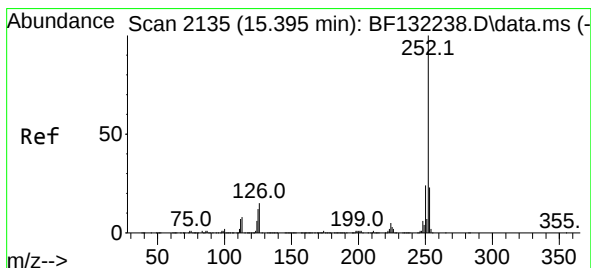
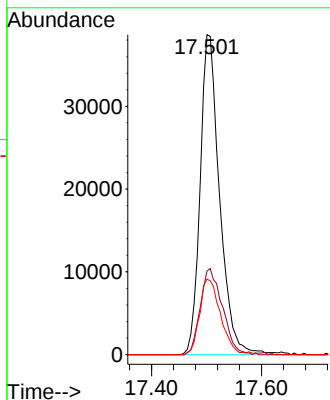
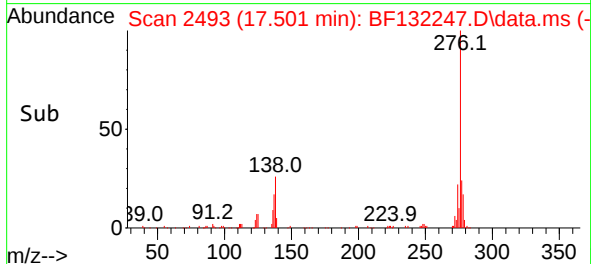
Instrument :
BNA_F
ClientSampleId :
MDL-WATER-03-QT3-2022



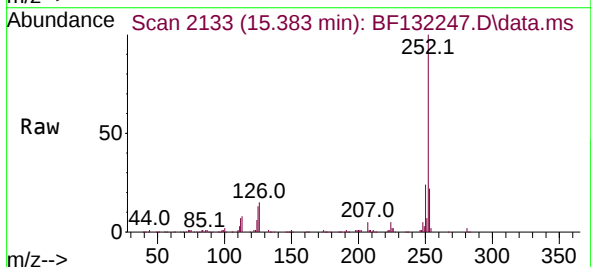
Tgt Ion:276 Resp: 94821
Ion Ratio Lower Upper
276 100
138 30.5 23.3 34.9
277 25.2 20.0 30.0

Manual Integrations
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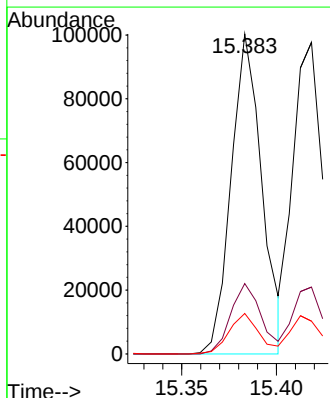
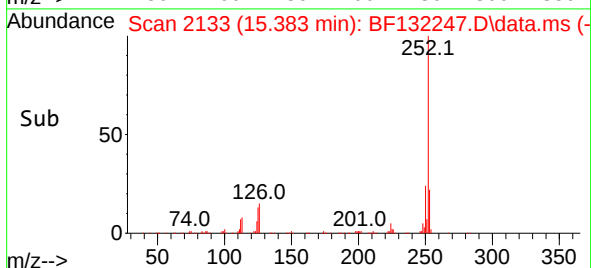
Reviewed By :Christian Giraldo 02/01/2023
Supervised By :Jagrut Upadhyay 02/01/2023

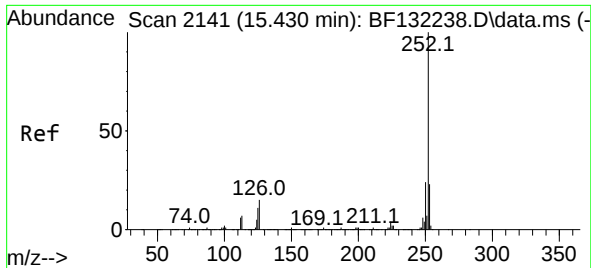


#88
Benzo(b)fluoranthene
Concen: 3.875 ng
RT: 15.383 min Scan# 2133
Delta R.T. -0.012 min
Lab File: BF132247.D
Acq: 01 Feb 2023 00:28



Tgt Ion:252 Resp: 113521
Ion Ratio Lower Upper
252 100
253 22.0 18.1 27.1
125 12.6 9.6 14.4





#89

Benzo(k)fluoranthene

Concen: 3.980 ng

RT: 15.419 min Scan# 2141

Delta R.T. -0.012 min

Lab File: BF132247.D

Acq: 01 Feb 2023 00:28

Instrument :

BNA_F

ClientSampleId :

MDL-WATER-03-QT3-2022

Tgt Ion:252 Resp: 11128

Ion Ratio Lower Upper

252 100

253 21.4 18.2 27.2

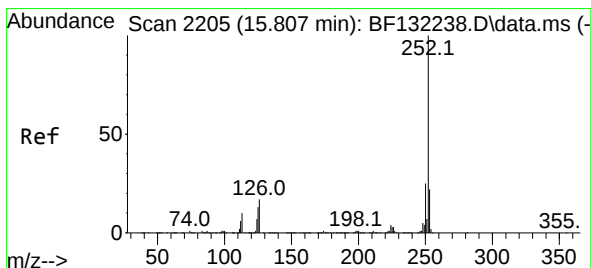
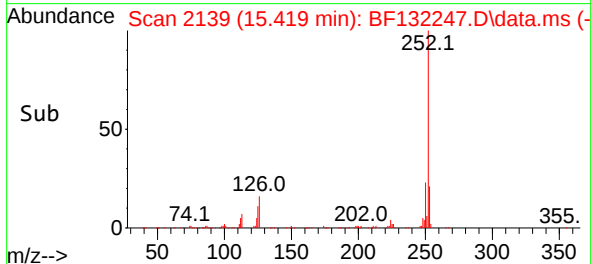
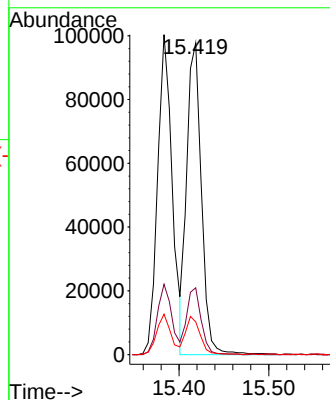
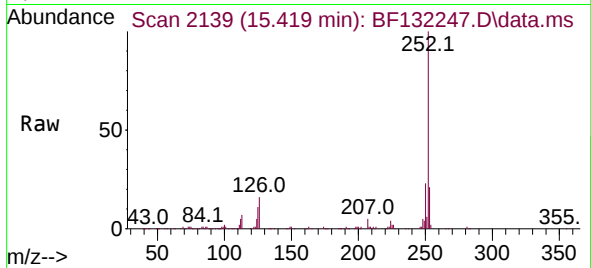
125 10.5 9.0 13.6

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 02/01/2023

Supervised By :Jagrut Upadhyay 02/01/2023



#90

Benzo(a)pyrene

Concen: 3.466 ng

RT: 15.795 min Scan# 2203

Delta R.T. -0.012 min

Lab File: BF132247.D

Acq: 01 Feb 2023 00:28

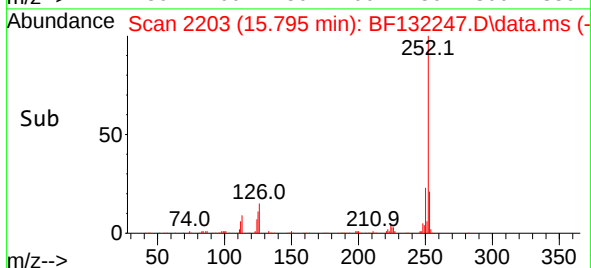
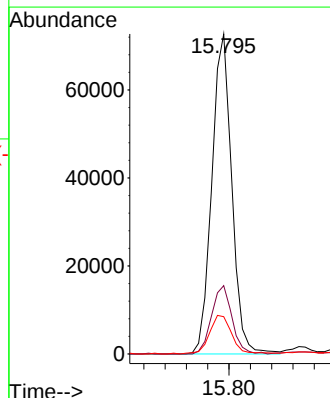
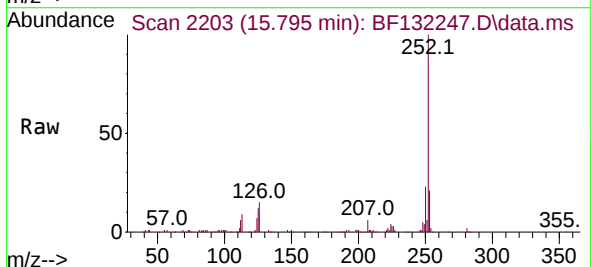
Tgt Ion:252 Resp: 94559

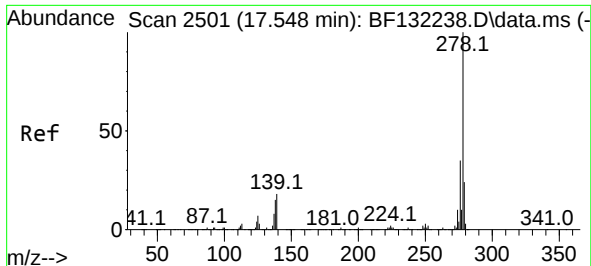
Ion Ratio Lower Upper

252 100

253 21.3 17.8 26.8

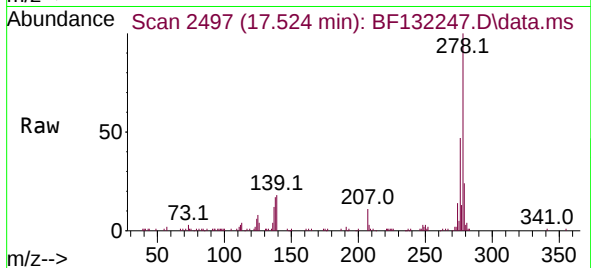
125 11.6 10.2 15.4





#91
Dibenzo(a,h)anthracene
Concen: 3.288 ng
RT: 17.524 min Scan# 2497
Delta R.T. -0.024 min
Lab File: BF132247.D
Acq: 01 Feb 2023 00:28

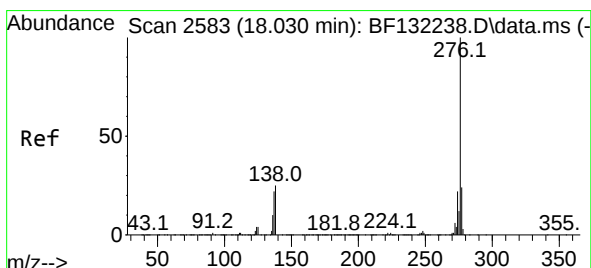
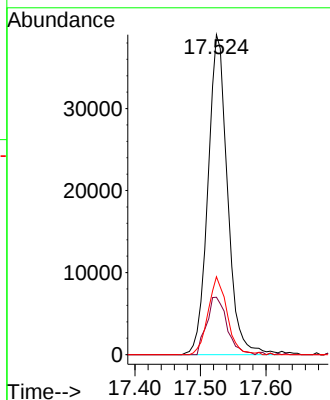
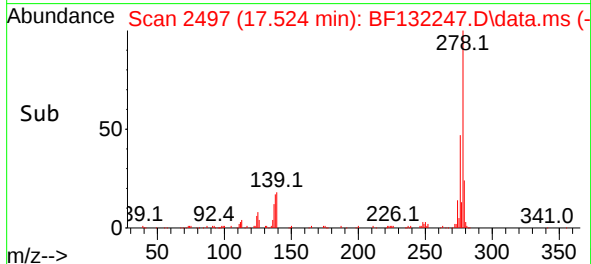
Instrument :
BNA_F
ClientSampleId :
MDL-WATER-03-QT3-2022



Tgt Ion:278 Resp: 8094
Ion Ratio Lower Upper
278 100
139 17.9 14.2 21.2
279 24.3 19.6 29.4

Manual Integrations
APPROVED

Reviewed By :Christian Giraldo 02/01/2023
Supervised By :Jagrut Upadhyay 02/01/2023



#92
Benzo(g,h,i)perylene
Concen: 3.210 ng
RT: 18.001 min Scan# 2578
Delta R.T. -0.029 min
Lab File: BF132247.D
Acq: 01 Feb 2023 00:28

Tgt Ion:276 Resp: 81643
Ion Ratio Lower Upper
276 100
277 25.4 19.4 29.2
138 26.7 20.3 30.5

