

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF090524\
 Data File : BF139255.D
 Acq On : 05 Sep 2024 11:33
 Operator : RC/JU
 Sample : P2403-08
 Misc : LOQ-WATER-5 ng
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 LOQ-WATER-02-QT2-2024

Quant Time: Sep 05 12:30:06 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF090424.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Sep 04 16:11:43 2024
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By :Jagrut Upadhyay 09/06/2024
 Supervised By :mohammad ahmed 09/07/2024

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.887	152	140223	20.000	ng	0.00
21) Naphthalene-d8	8.169	136	524094	20.000	ng	0.00
39) Acenaphthene-d10	9.928	164	280336	20.000	ng	0.00
64) Phenanthrene-d10	11.410	188	513314	20.000	ng	0.00
76) Chrysene-d12	14.051	240	254777	20.000	ng	0.00
86) Perylene-d12	15.527	264	234694	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.504	112	799216	95.347	ng	0.00
7) Phenol-d6	6.510	99	1088791	97.300	ng	0.00
23) Nitrobenzene-d5	7.451	82	763062	75.743	ng	0.00
42) 2,4,6-Tribromophenol	10.716	330	233074	96.282	ng	0.00
45) 2-Fluorobiphenyl	9.245	172	1354296	74.573	ng	0.00
79) Terphenyl-d14	12.998	244	1188496	75.318	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	2.675	88	17304	4.433	ng	98
3) Pyridine	3.469	79	38333	4.068	ng	100
4) n-Nitrosodimethylamine	3.369	42	26856	4.389	ng	# 98
6) Aniline	6.551	93	55502	5.394	ng	99
8) 2-Chlorophenol	6.669	128	41019	4.722	ng	87
9) Benzaldehyde	6.440	77	36243	5.351	ng	98
10) Phenol	6.528	94	55307	4.686	ng	85
11) bis(2-Chloroethyl)ether	6.622	93	40098	4.742	ng	100
12) 1,3-Dichlorobenzene	6.828	146	45005	4.577	ng	99
13) 1,4-Dichlorobenzene	6.904	146	45161	4.589	ng	99
14) 1,2-Dichlorobenzene	7.057	146	42514	4.632	ng	99
15) Benzyl Alcohol	7.022	79	45640	5.593	ng	100
16) 2,2'-oxybis(1-Chloropr...	7.157	45	78657	4.886	ng	99
17) 2-Methylphenol	7.128	107	30775	4.337	ng	99
18) Hexachloroethane	7.398	117	15436	4.391	ng	96
19) n-Nitroso-di-n-propyla...	7.292	70	30465	4.727	ng	98
20) 3+4-Methylphenols	7.287	107	40919	4.575	ng	# 80
22) Acetophenone	7.292	105	59724	4.783	ng	95
24) Nitrobenzene	7.469	77	48005	4.489	ng	98
25) Isophorone	7.698	82	79675	4.626	ng	100
26) 2-Nitrophenol	7.781	139	17383	4.139	ng	98
27) 2,4-Dimethylphenol	7.816	122	28454m	4.751	ng	
28) bis(2-Chloroethoxy)met...	7.916	93	48534	4.730	ng	98
29) 2,4-Dichlorophenol	8.022	162	33231	4.634	ng	97
30) 1,2,4-Trichlorobenzene	8.110	180	36811	4.494	ng	99
31) Naphthalene	8.192	128	122780	4.626	ng	99
32) Benzoic acid	7.863	122	12221m	2.240	ng	
33) 4-Chloroaniline	8.239	127	44956	4.892	ng	97
34) Hexachlorobutadiene	8.310	225	22380	4.312	ng	98
35) Caprolactam	8.563	113	9224	4.155	ng	99
36) 4-Chloro-3-methylphenol	8.710	107	33931	4.342	ng	97
37) 2-Methylnaphthalene	8.881	142	77310	4.656	ng	97
38) 1-Methylnaphthalene	8.981	142	73883	4.524	ng	98
40) 1,2,4,5-Tetrachloroben...	9.045	216	39039	4.922	ng	99
41) Hexachlorocyclopentadiene	9.033	237	7247	2.843	ng	99
43) 2,4,6-Trichlorophenol	9.157	196	22793	4.392	ng	98

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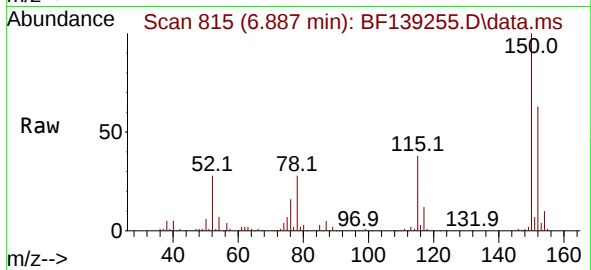
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.192	196	24213	4.452	ng	98
46) 1,1'-Biphenyl	9.345	154	100784	4.852	ng	98
47) 2-Chloronaphthalene	9.369	162	72569	4.627	ng	99
48) 2-Nitroaniline	9.463	65	22980	4.254	ng	100
49) Acenaphthylene	9.786	152	119308	5.051	ng	99
50) Dimethylphthalate	9.639	163	81542	4.799	ng	100
51) 2,6-Dinitrotoluene	9.704	165	15576	4.041	ng	97
52) Acenaphthene	9.957	154	70173	4.479	ng	97
53) 3-Nitroaniline	9.869	138	18212	4.434	ng	97
54) 2,4-Dinitrophenol	9.975	184	2004	8.425	ng #	2
55) Dibenzofuran	10.128	168	109579	4.878	ng	99
56) 4-Nitrophenol	10.022	139	9032	2.980	ng	99
57) 2,4-Dinitrotoluene	10.104	165	20332	4.144	ng	95
58) Fluorene	10.469	166	84977	4.879	ng	99
59) 2,3,4,6-Tetrachlorophenol	10.245	232	18437	4.307	ng	98
60) Diethylphthalate	10.339	149	77918	4.660	ng	98
61) 4-Chlorophenyl-phenyle...	10.463	204	40319	4.801	ng	99
62) 4-Nitroaniline	10.475	138	15711	4.019	ng	97
63) Azobenzene	10.627	77	81243	4.610	ng	96
66) n-Nitrosodiphenylamine	10.580	169	70407	4.712	ng	98
67) 4-Bromophenyl-phenylether	10.957	248	22428	4.503	ng	96
68) Hexachlorobenzene	11.016	284	26058	4.570	ng	98
69) Atrazine	11.104	200	19245	5.583	ng	98
70) Pentachlorophenol	11.210	266	8166	2.479	ng	96
71) Phenanthrene	11.433	178	116800	4.871	ng	99
72) Anthracene	11.486	178	107195	4.576	ng	100
73) Carbazole	11.639	167	98642	4.505	ng	99
74) Di-n-butylphthalate	11.974	149	102036	4.552	ng	99
75) Fluoranthene	12.621	202	110028	4.577	ng	99
77) Benzidine	12.745	184	17164	3.346	ng	96
78) Pyrene	12.851	202	115036	4.674	ng	100
80) Butylbenzylphthalate	13.474	149	23484	4.053	ng	97
81) Benzo(a)anthracene	14.039	228	75582	4.646	ng	99
82) 3,3'-Dichlorobenzidine	14.004	252	18633	4.313	ng	99
83) Chrysene	14.074	228	69747	4.594	ng	98
84) Bis(2-ethylhexyl)phtha...	14.033	149	25289	3.719	ng	99
85) Di-n-octyl phthalate	14.651	149	39781	3.055	ng	98
87) Indeno(1,2,3-cd)pyrene	16.998	276	49073	3.347	ng	98
88) Benzo(b)fluoranthene	15.092	252	58008	4.292	ng	99
89) Benzo(k)fluoranthene	15.121	252	57179	4.718	ng	99
90) Benzo(a)pyrene	15.457	252	50486	4.399	ng	99
91) Dibenzo(a,h)anthracene	17.021	278	39743	3.289	ng	98
92) Benzo(g,h,i)perylene	17.445	276	40071	3.213	ng	100

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



#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.887 min Scan# 816
Delta R.T. -0.006 min
Lab File: BF139255.D
Acq: 05 Sep 2024 11:33

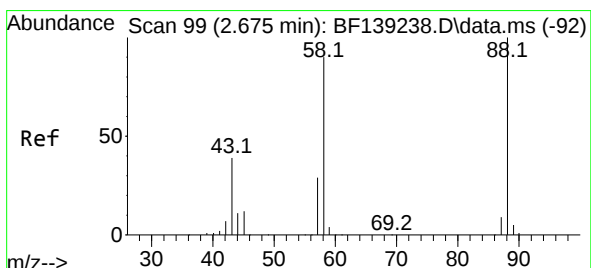
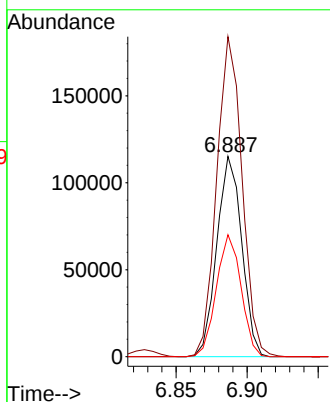
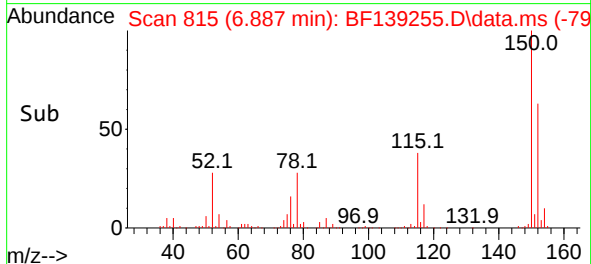
Instrument : BNA_F
ClientSampleId : LOQ-WATER-02-QT2-2024



Tgt Ion: 152 Resp: 14022
Ion Ratio Lower Upper
152 100
150 159.8 127.0 190.4
115 60.9 46.9 70.3

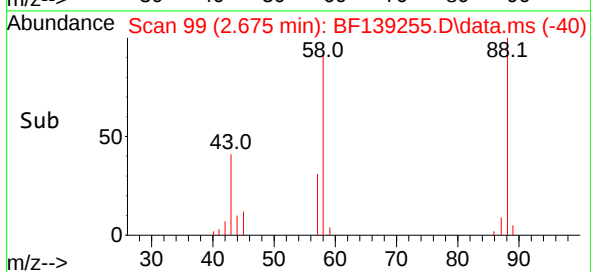
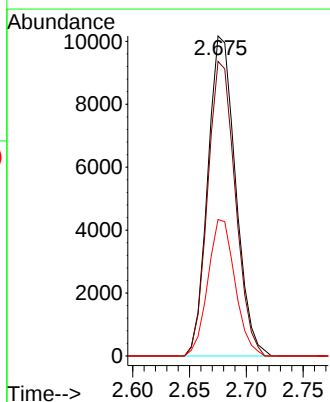
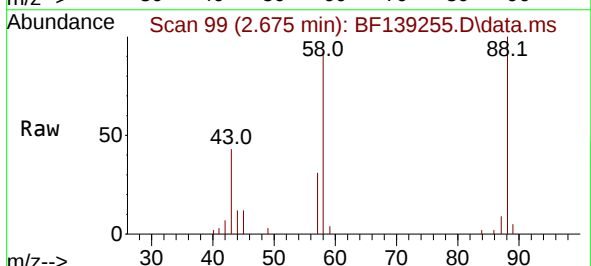
Manual Integrations
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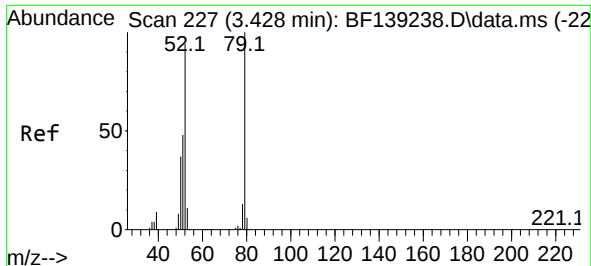
Reviewed By :Jagrut Upadhyay 09/06/2024
Supervised By :mohammad ahmed 09/07/2024



#2
1,4-Dioxane
Concen: 4.433 ng
RT: 2.675 min Scan# 99
Delta R.T. -0.000 min
Lab File: BF139255.D
Acq: 05 Sep 2024 11:33

Tgt Ion: 88 Resp: 17304
Ion Ratio Lower Upper
88 100
58 91.3 72.5 108.7
43 41.7 31.4 47.2





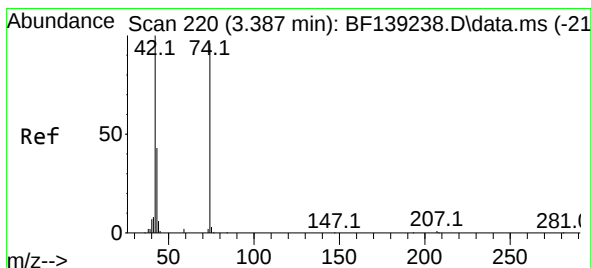
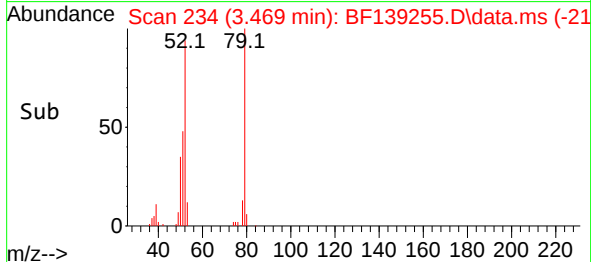
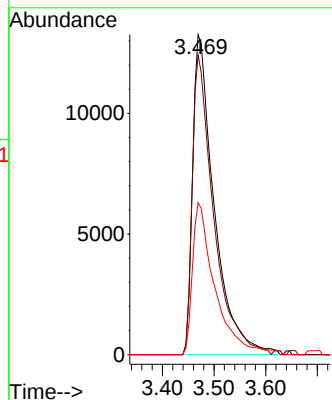
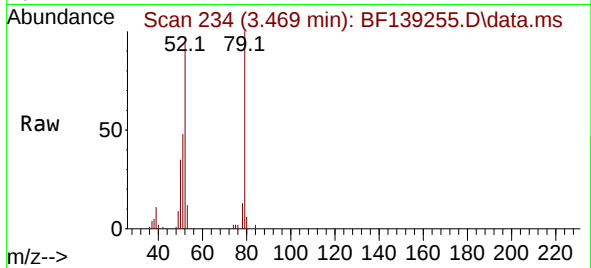
#3
Pyridine
Concen: 4.068 ng
RT: 3.469 min Scan# 217
Delta R.T. 0.041 min
Lab File: BF139255.D
Acq: 05 Sep 2024 11:33

Instrument :
BNA_F
ClientSampleId :
LOQ-WATER-02-QT2-2024

Tgt Ion: 79 Resp: 3833
Ion Ratio Lower Upper
79 100
52 93.7 75.3 112.9
51 47.5 38.2 57.2

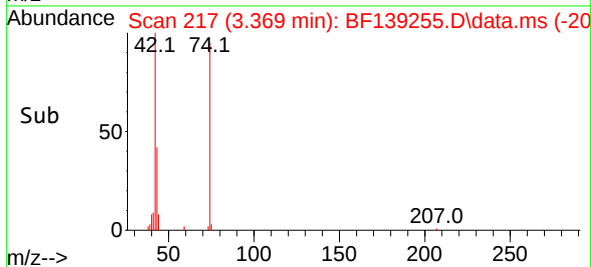
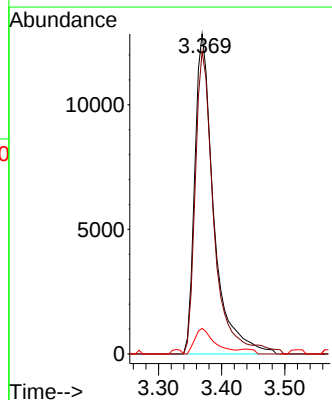
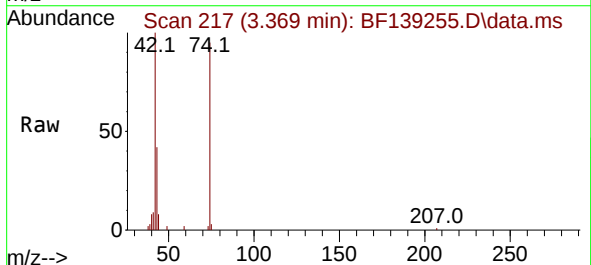
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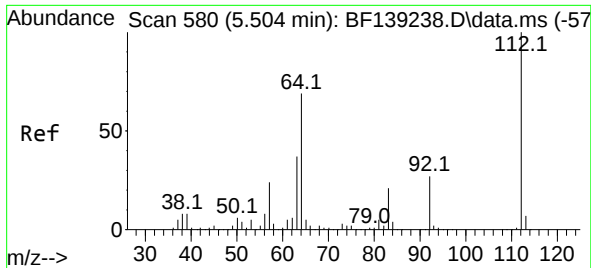
Reviewed By :Jagrut Upadhyay 09/06/2024
Supervised By :mohammad ahmed 09/07/2024



#4
n-Nitrosodimethylamine
Concen: 4.389 ng
RT: 3.369 min Scan# 217
Delta R.T. -0.018 min
Lab File: BF139255.D
Acq: 05 Sep 2024 11:33

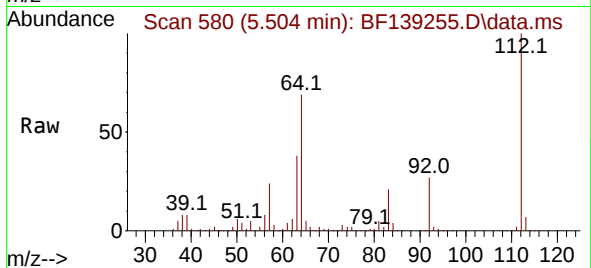
Tgt Ion: 42 Resp: 26856
Ion Ratio Lower Upper
42 100
74 94.6 77.2 115.8
44 8.0 5.1 7.7#





#5
2-Fluorophenol
Concen: 95.347 ng
RT: 5.504 min Scan# 580
Delta R.T. -0.000 min
Lab File: BF139255.D
Acq: 05 Sep 2024 11:33

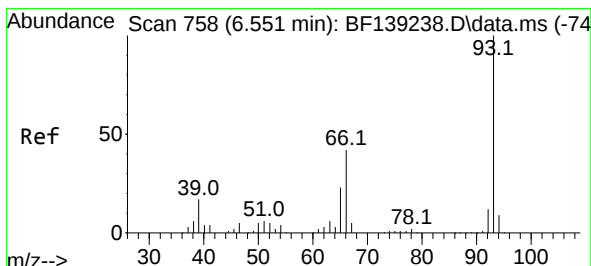
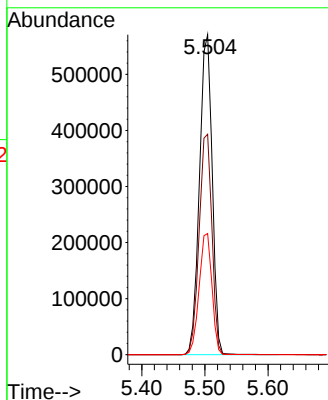
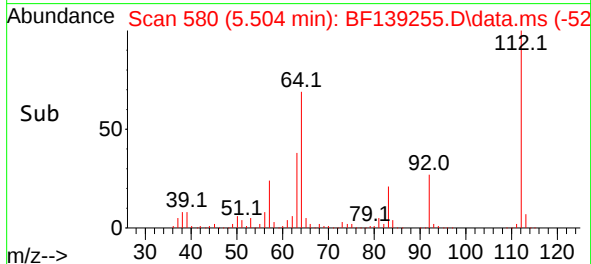
Instrument :
BNA_F
ClientSampleId :
LOQ-WATER-02-QT2-2024



Tgt Ion: 112 Resp: 799210
Ion Ratio Lower Upper
112 100
64 68.9 55.0 82.4
63 37.9 29.9 44.9

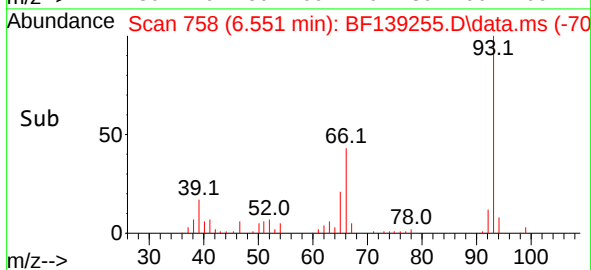
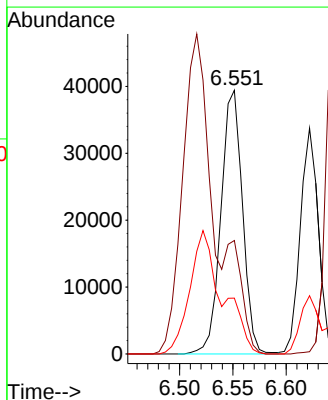
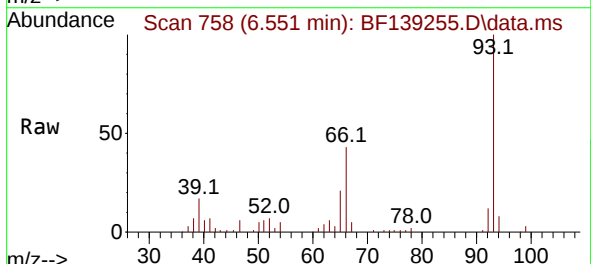
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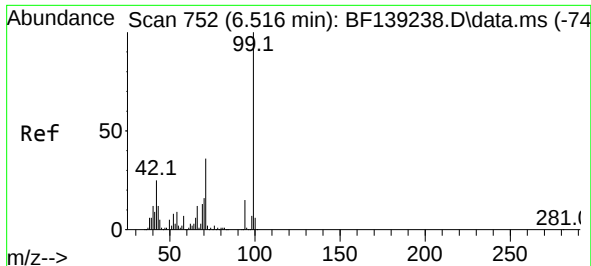
Reviewed By :Jagrut Upadhyay 09/06/2024
Supervised By :mohammad ahmed 09/07/2024



#6
Aniline
Concen: 5.394 ng
RT: 6.551 min Scan# 758
Delta R.T. -0.000 min
Lab File: BF139255.D
Acq: 05 Sep 2024 11:33

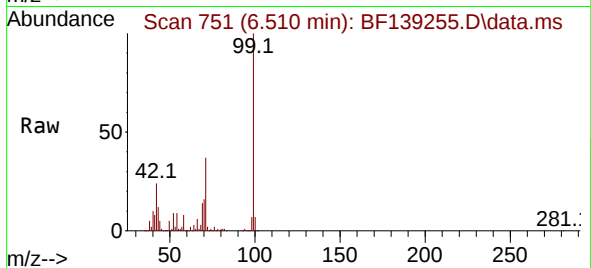
Tgt Ion: 93 Resp: 55502
Ion Ratio Lower Upper
93 100
66 43.0 34.4 51.6
65 21.2 18.2 27.4





#7
Phenol-d6
Concen: 97.300 ng
RT: 6.510 min Scan# 710
Delta R.T. -0.006 min
Lab File: BF139255.D
Acq: 05 Sep 2024 11:33

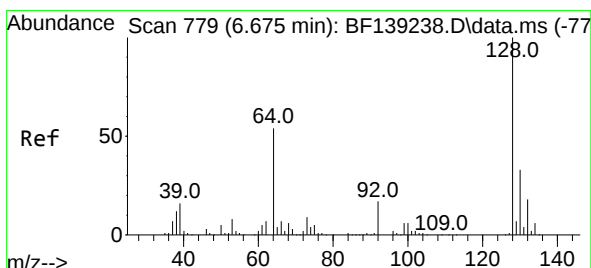
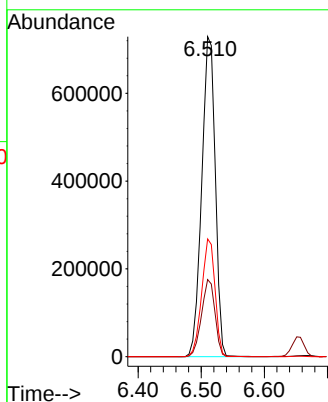
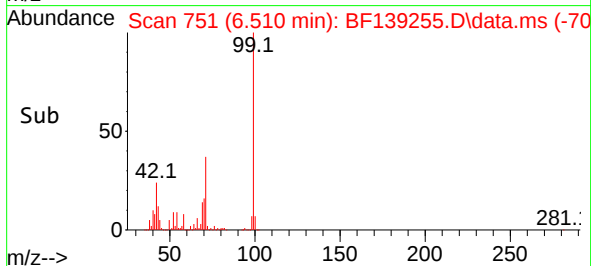
Instrument :
BNA_F
ClientSampleId :
LOQ-WATER-02-QT2-2024



Tgt Ion: 99 Resp: 108879
Ion Ratio Lower Upper
99 100
42 24.1 19.8 29.6
71 36.8 28.8 43.2

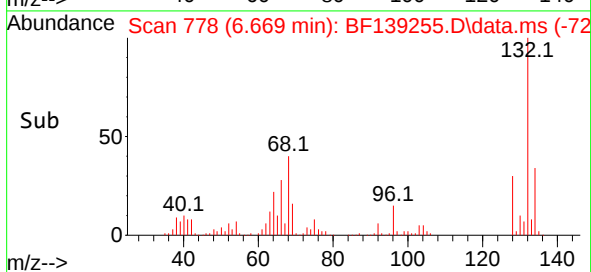
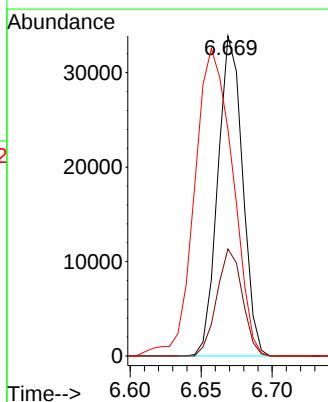
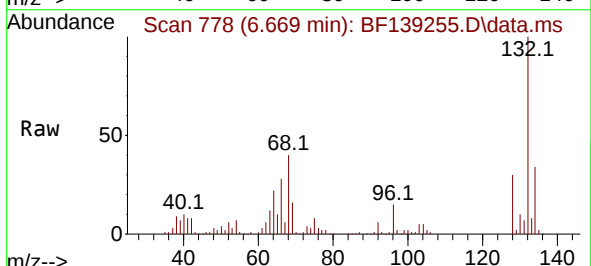
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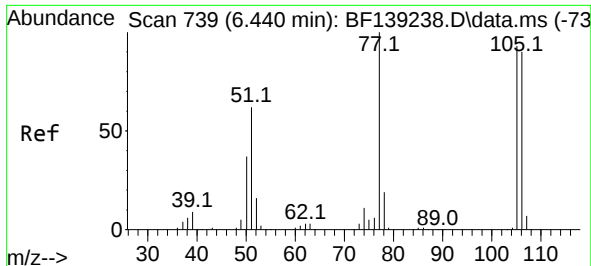
Reviewed By :Jagrut Upadhyay 09/06/2024
Supervised By :mohammad ahmed 09/07/2024



#8
2-Chlorophenol
Concen: 4.722 ng
RT: 6.669 min Scan# 778
Delta R.T. -0.006 min
Lab File: BF139255.D
Acq: 05 Sep 2024 11:33

Tgt Ion:128 Resp: 41019
Ion Ratio Lower Upper
128 100
130 33.4 12.7 52.7
64 70.8 36.6 76.6





#9

Benzaldehyde

Concen: 5.351 ng

RT: 6.440 min Scan# 71

Delta R.T. -0.000 min

Lab File: BF139255.D

Acq: 05 Sep 2024 11:33

Instrument :

BNA_F

ClientSampleId :

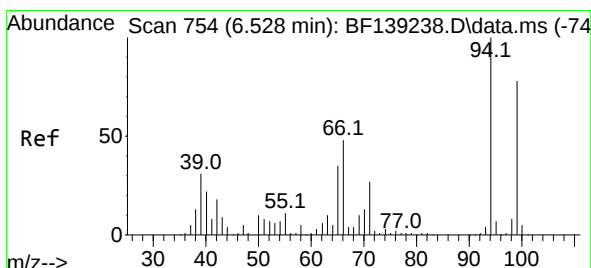
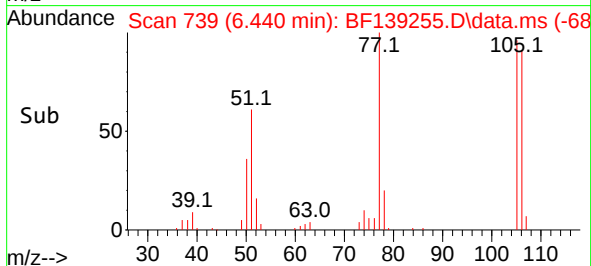
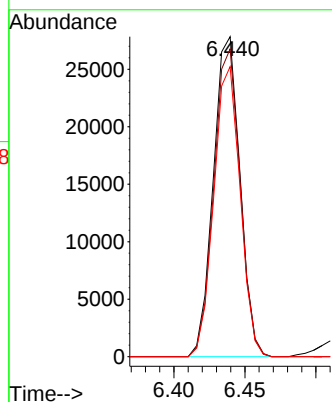
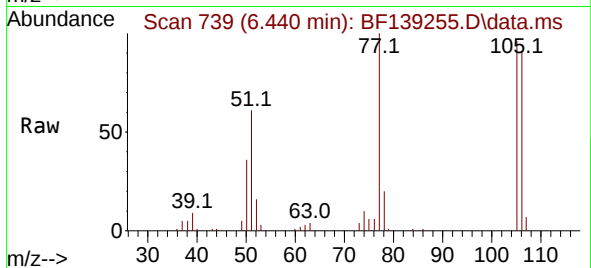
LOQ-WATER-02-QT2-2024

Tgt Ion: 77	Resp: 3624
Ion Ratio	Lower Upper
77 100	
105 96.2	72.9 112.9
106 90.6	69.6 109.6

Manual Integrations

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Reviewed By :Jagrut Upadhyay 09/06/2024
Supervised By :mohammad ahmed 09/07/2024



#10

Phenol

Concen: 4.686 ng

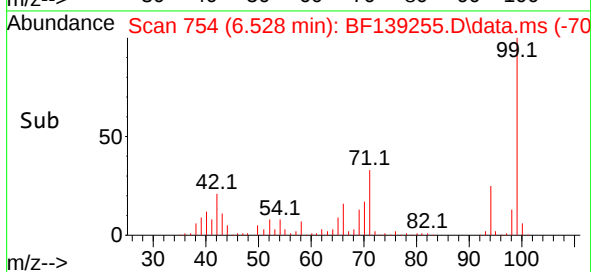
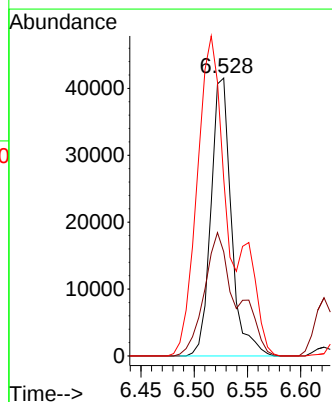
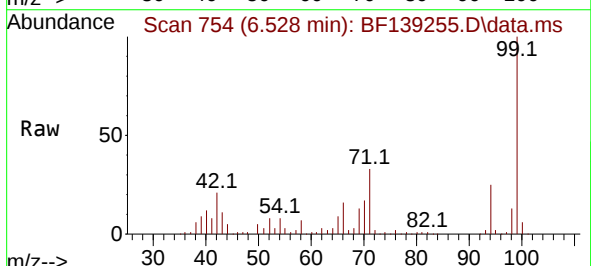
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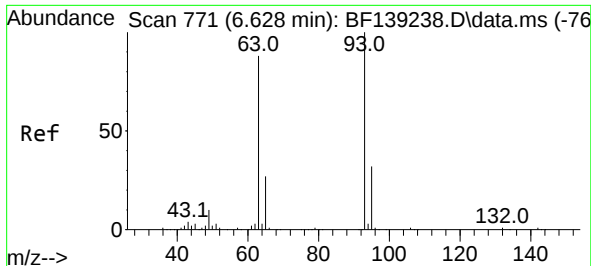
Delta R.T. -0.000 min

Lab File: BF139255.D

Acq: 05 Sep 2024 11:33

Tgt Ion: 94	Resp: 55307
Ion Ratio	Lower Upper
94 100	
65 37.5	14.7 54.7
66 63.7	28.5 68.5





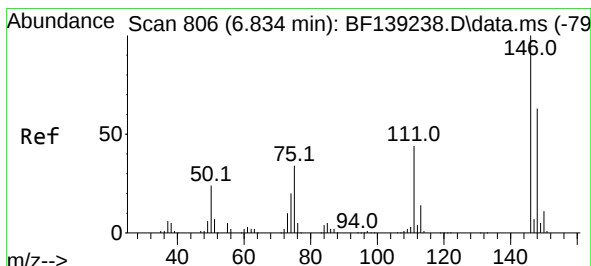
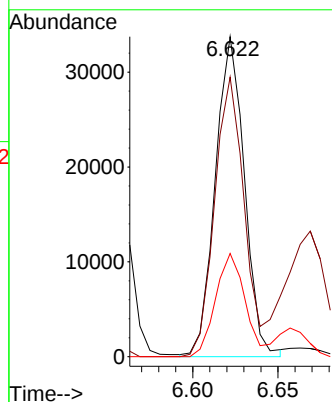
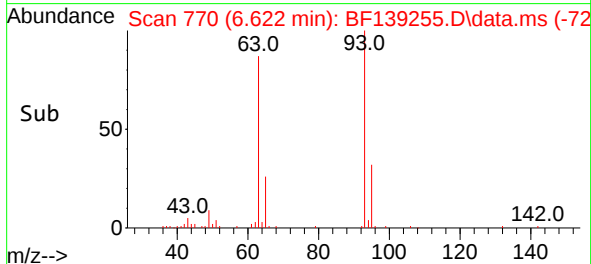
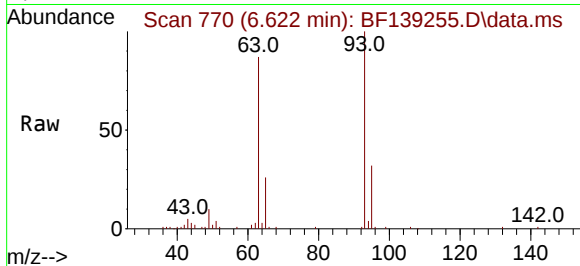
#11
bis(2-Chloroethyl)ether
Concen: 4.742 ng
RT: 6.622 min Scan# 771
Delta R.T. -0.006 min
Lab File: BF139255.D
Acq: 05 Sep 2024 11:33

Instrument : BNA_F
ClientSampleId :
LOQ-WATER-02-QT2-2024

Tgt Ion: 93 Resp: 40098
Ion Ratio Lower Upper
93 100
63 87.4 67.1 107.1
95 32.3 12.2 52.2

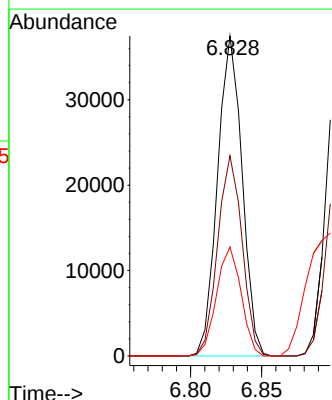
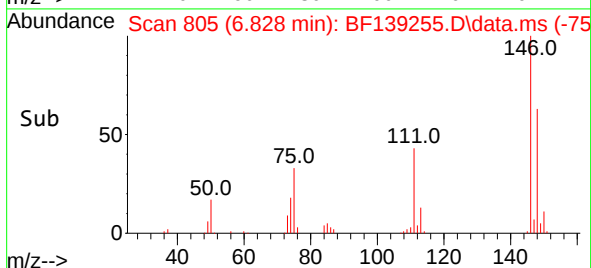
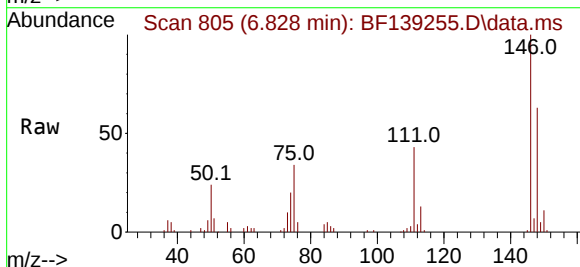
Manual Integrations
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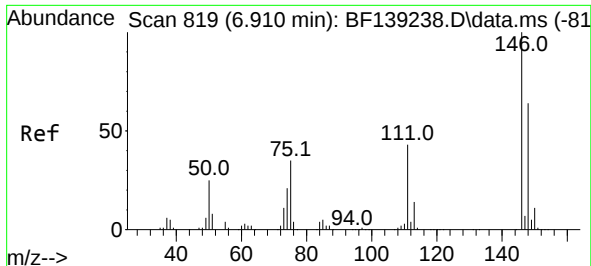
Reviewed By :Jagrut Upadhyay 09/06/2024
Supervised By :mohammad ahmed 09/07/2024



#12
1,3-Dichlorobenzene
Concen: 4.577 ng
RT: 6.828 min Scan# 805
Delta R.T. -0.006 min
Lab File: BF139255.D
Acq: 05 Sep 2024 11:33

Tgt Ion:146 Resp: 45005
Ion Ratio Lower Upper
146 100
148 62.6 50.8 76.2
75 34.0 27.3 40.9





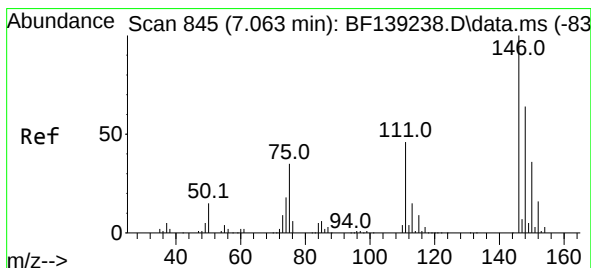
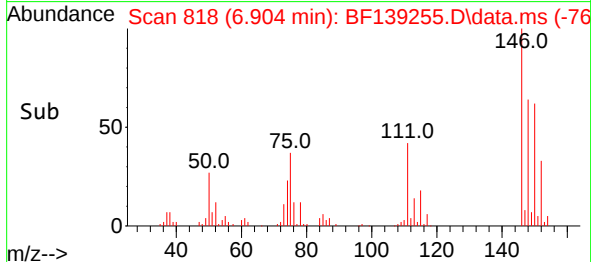
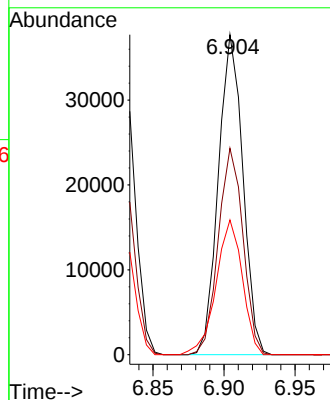
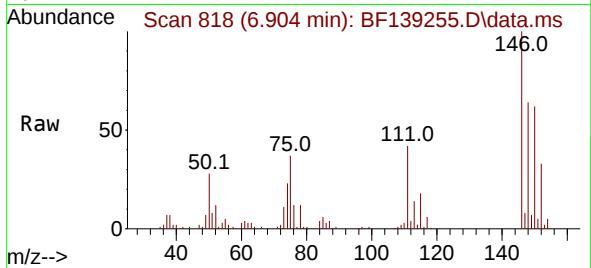
#13
1,4-Dichlorobenzene
Concen: 4.589 ng
RT: 6.904 min Scan# 819
Delta R.T. -0.006 min
Lab File: BF139255.D
Acq: 05 Sep 2024 11:33

Instrument :
BNA_F
ClientSampleId :
LOQ-WATER-02-QT2-2024

Tgt Ion:146 Resp: 4516
Ion Ratio Lower Upper
146 100
148 64.5 51.2 76.8
111 42.1 34.6 51.8

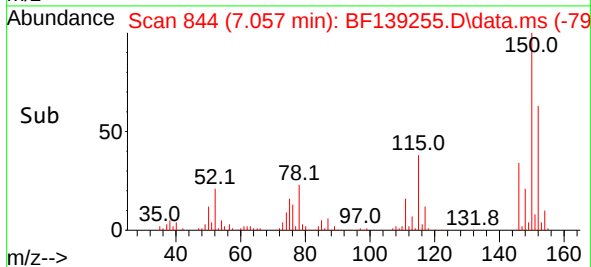
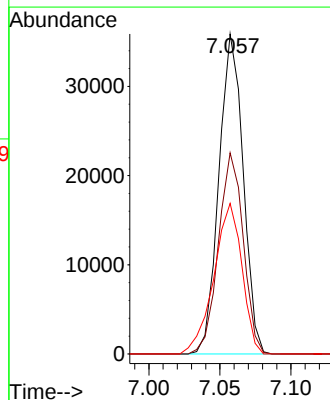
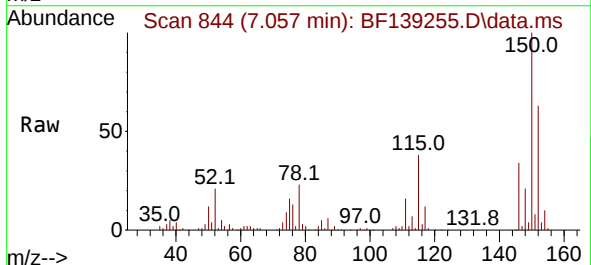
Manual Integrations
APPROVED

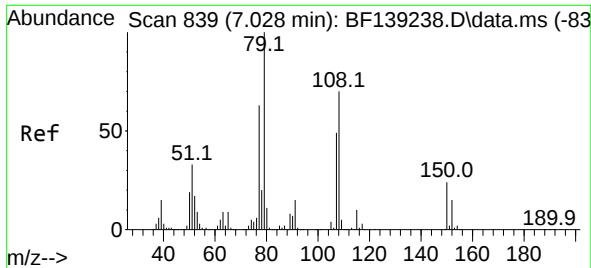
Reviewed By :Jagrut Upadhyay 09/06/2024
Supervised By :mohammad ahmed 09/07/2024



#14
1,2-Dichlorobenzene
Concen: 4.632 ng
RT: 7.057 min Scan# 844
Delta R.T. -0.006 min
Lab File: BF139255.D
Acq: 05 Sep 2024 11:33

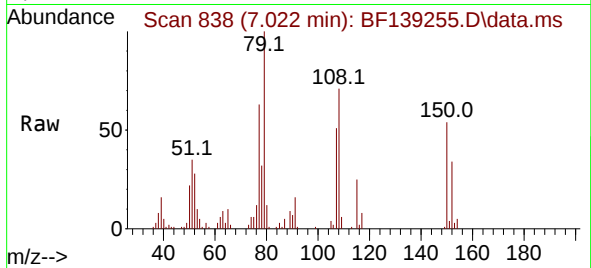
Tgt Ion:146 Resp: 42514
Ion Ratio Lower Upper
146 100
148 62.8 50.9 76.3
111 47.0 36.6 55.0





#15
Benzyl Alcohol
Concen: 5.593 ng
RT: 7.022 min Scan# 81
Delta R.T. -0.006 min
Lab File: BF139255.D
Acq: 05 Sep 2024 11:33

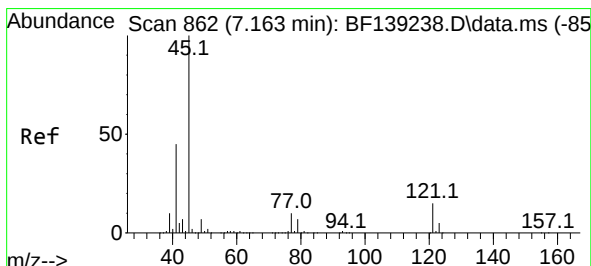
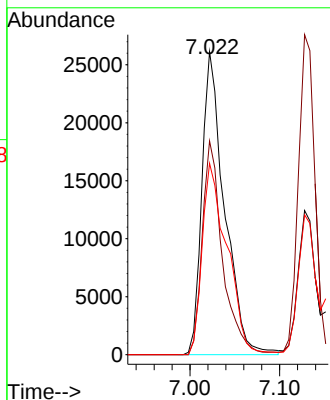
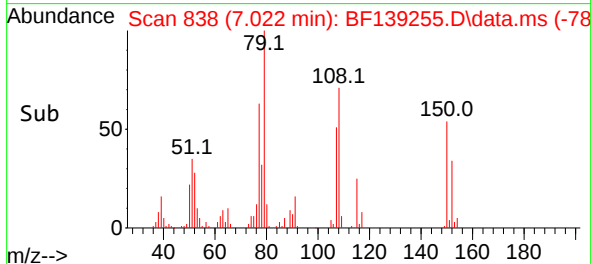
Instrument :
BNA_F
ClientSampleId :
LOQ-WATER-02-QT2-2024



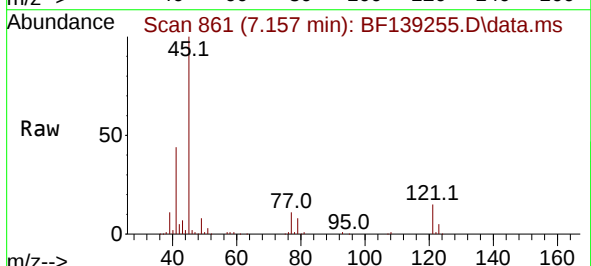
Tgt Ion: 79 Resp: 45640
Ion Ratio Lower Upper
79 100
108 70.6 56.1 84.1
77 63.2 50.6 76.0

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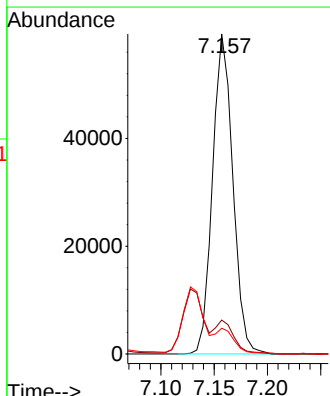
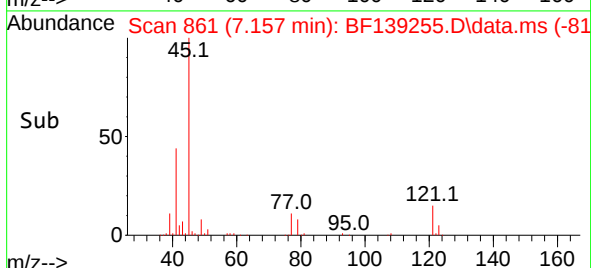
Reviewed By :Jagrut Upadhyay 09/06/2024
Supervised By :mohammad ahmed 09/07/2024

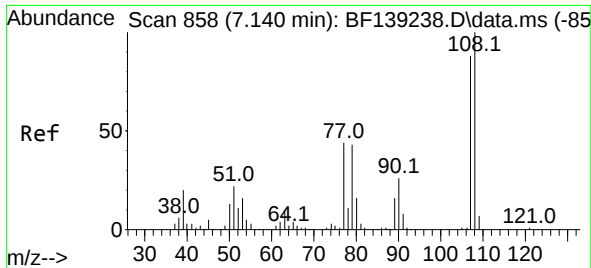


#16
2,2'-oxybis(1-Chloropropane)
Concen: 4.886 ng
RT: 7.157 min Scan# 861
Delta R.T. -0.006 min
Lab File: BF139255.D
Acq: 05 Sep 2024 11:33



Tgt Ion: 45 Resp: 78657
Ion Ratio Lower Upper
45 100
77 10.6 0.0 30.0
79 8.1 0.0 27.6





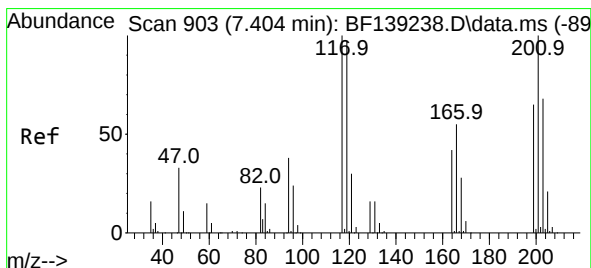
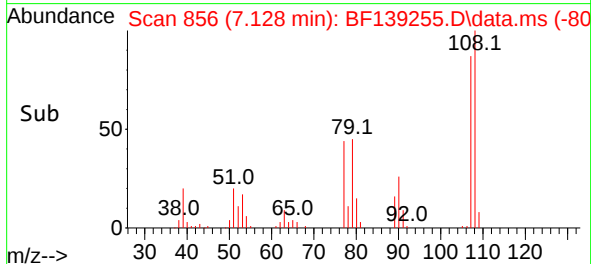
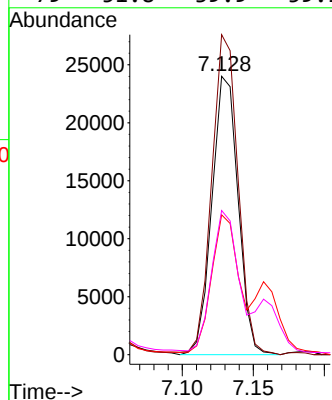
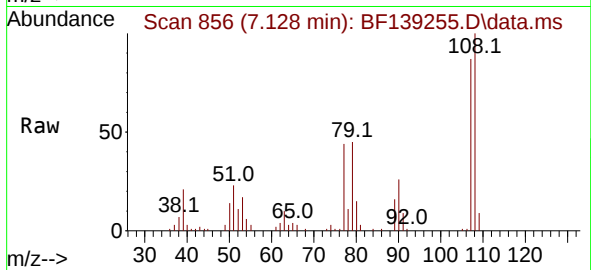
#17
2-Methylphenol
Concen: 4.337 ng
RT: 7.128 min Scan# 80
Delta R.T. -0.012 min
Lab File: BF139255.D
Acq: 05 Sep 2024 11:33

Instrument :
BNA_F
ClientSampleId :
LOQ-WATER-02-QT2-2024

Tgt Ion:	107	Resp:	3077
Ion	Ratio	Lower	Upper
107	100		
108	114.9	91.4	137.2
77	50.2	40.1	60.1
79	51.8	39.9	59.9

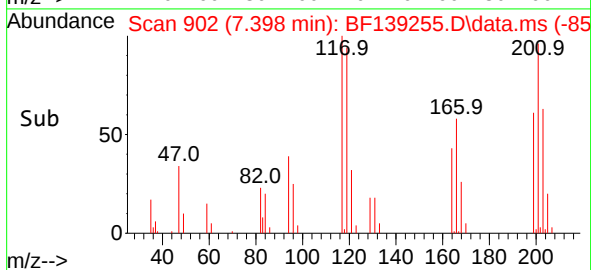
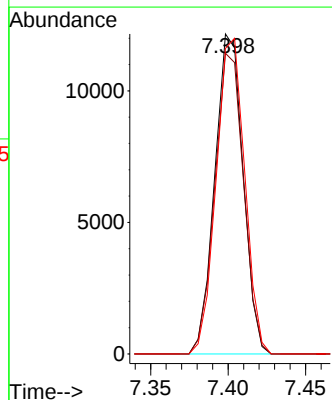
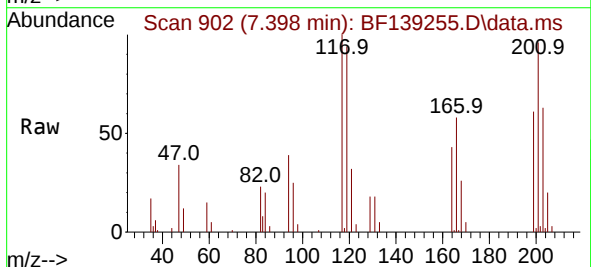
Manual Integrations
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Reviewed By :Jagrut Upadhyay 09/06/2024
Supervised By :mohammad ahmed 09/07/2024



#18
Hexachloroethane
Concen: 4.391 ng
RT: 7.398 min Scan# 902
Delta R.T. -0.006 min
Lab File: BF139255.D
Acq: 05 Sep 2024 11:33

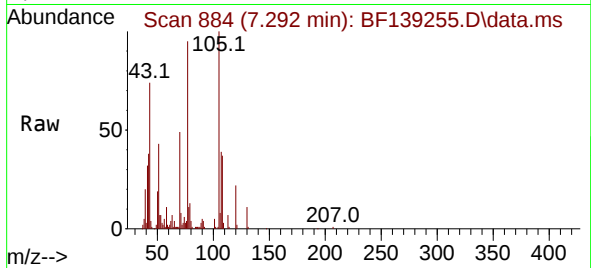
Tgt Ion:	117	Resp:	15436
Ion	Ratio	Lower	Upper
117	100		
119	94.0	77.4	116.2
201	95.5	80.0	120.0





#19
n-Nitroso-di-n-propylamine
Concen: 4.727 ng
RT: 7.292 min Scan# 884
Delta R.T. -0.012 min
Lab File: BF139255.D
Acq: 05 Sep 2024 11:33

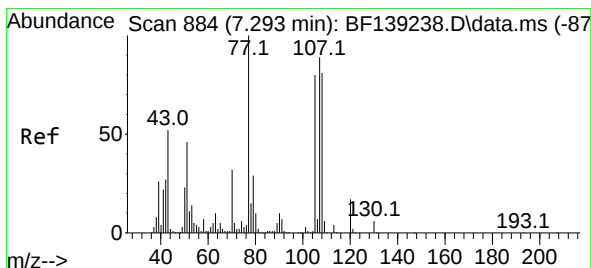
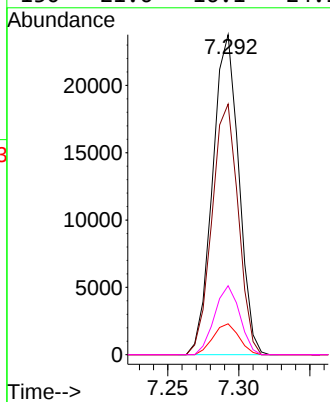
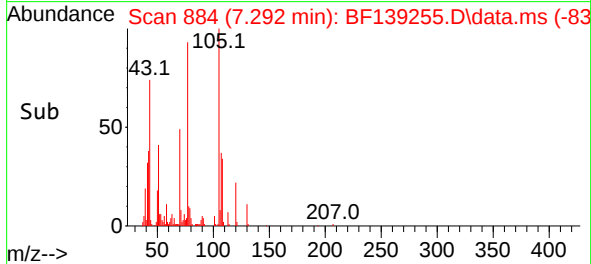
Instrument :
BNA_F
ClientSampleId :
LOQ-WATER-02-QT2-2024



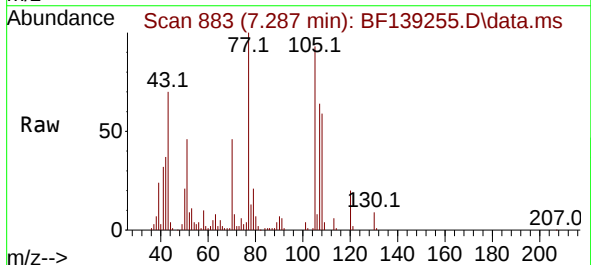
Tgt Ion: 70 Resp: 3046
Ion Ratio Lower Upper
70 100
42 78.3 61.0 91.6
101 9.6 7.2 10.8
130 21.6 16.1 24.1

Manual Integrations
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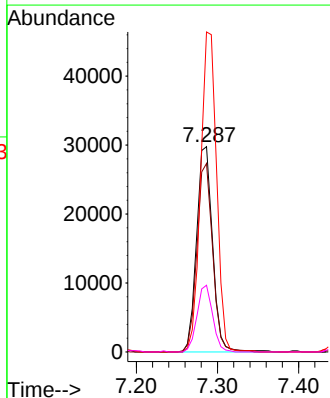
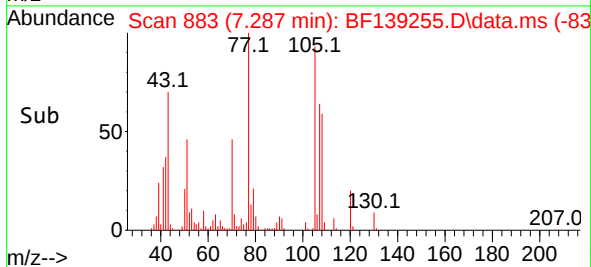
Reviewed By :Jagrut Upadhyay 09/06/2024
Supervised By :mohammad ahmed 09/07/2024

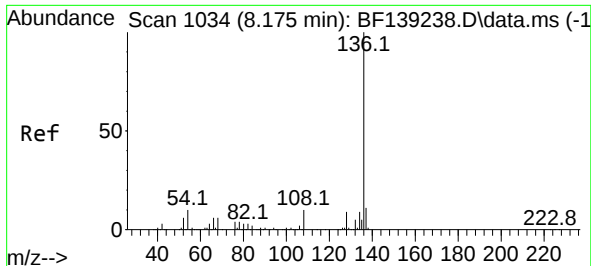


#20
3+4-Methylphenols
Concen: 4.575 ng
RT: 7.287 min Scan# 883
Delta R.T. -0.006 min
Lab File: BF139255.D
Acq: 05 Sep 2024 11:33



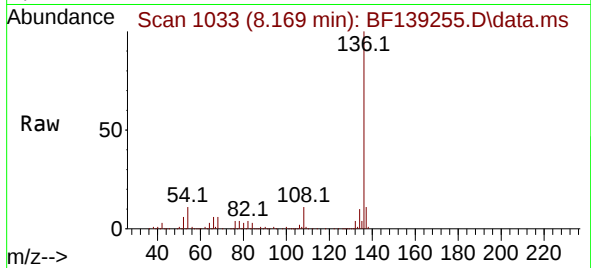
Tgt Ion:107 Resp: 40919
Ion Ratio Lower Upper
107 100
108 91.9 70.4 110.4
77 155.9 92.2 132.2#
79 32.5 12.8 52.8





#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.169 min Scan# 1033
Delta R.T. -0.006 min
Lab File: BF139255.D
Acq: 05 Sep 2024 11:33

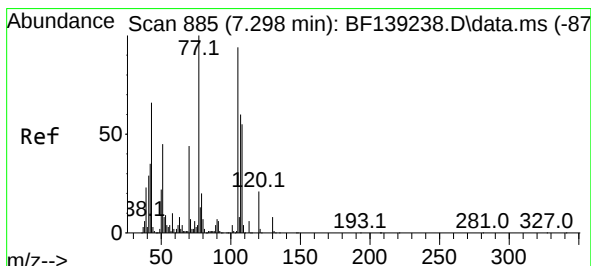
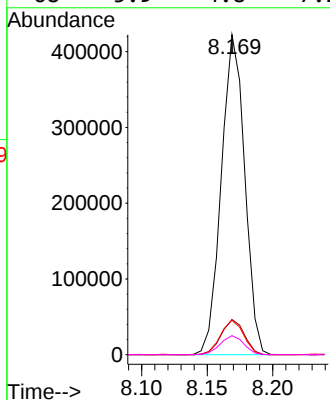
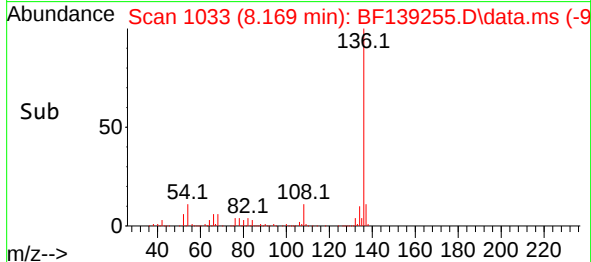
Instrument :
BNA_F
ClientSampleId :
LOQ-WATER-02-QT2-2024



Tgt Ion:136 Resp: 524094
Ion Ratio Lower Upper
136 100
137 11.0 8.6 13.0
54 10.8 8.4 12.6
68 5.9 4.8 7.2

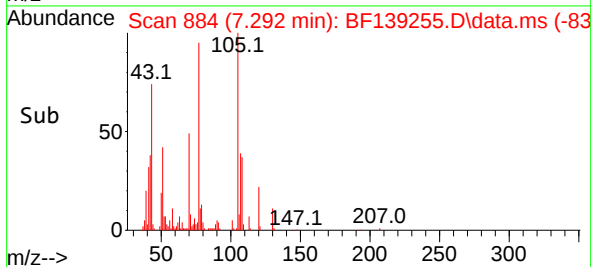
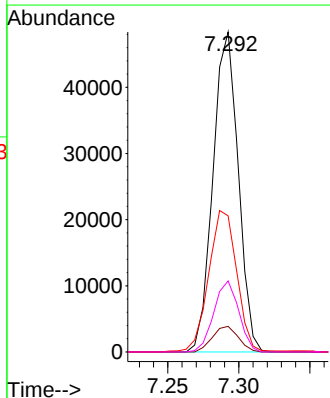
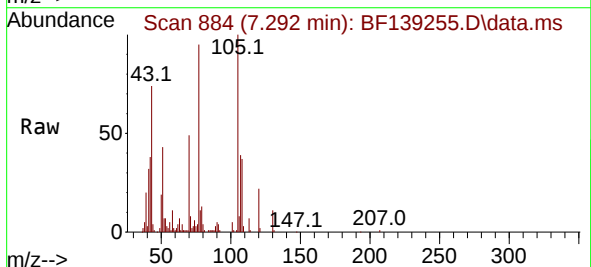
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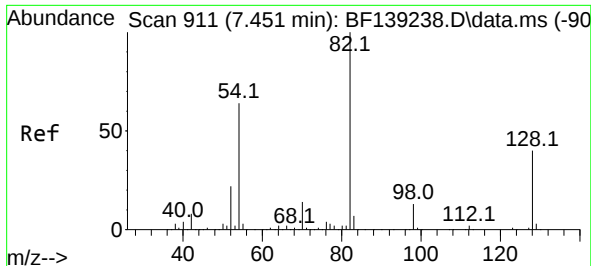
Reviewed By :Jagrut Upadhyay 09/06/2024
Supervised By :mohammad ahmed 09/07/2024



#22
Acetophenone
Concen: 4.783 ng
RT: 7.292 min Scan# 884
Delta R.T. -0.006 min
Lab File: BF139255.D
Acq: 05 Sep 2024 11:33

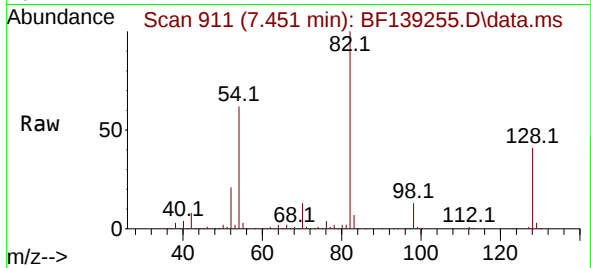
Tgt Ion:105 Resp: 59724
Ion Ratio Lower Upper
105 100
71 8.0 6.2 9.2
51 42.6 38.2 57.2
120 22.2 17.7 26.5





#23
Nitrobenzene-d5
Concen: 75.743 ng
RT: 7.451 min Scan# 911
Delta R.T. -0.000 min
Lab File: BF139255.D
Acq: 05 Sep 2024 11:33

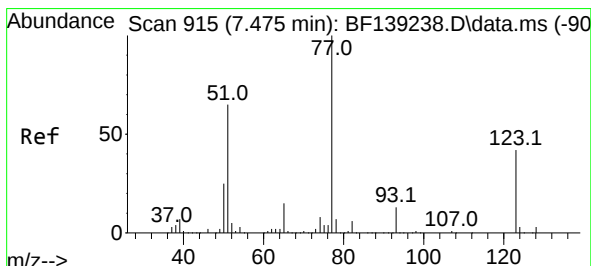
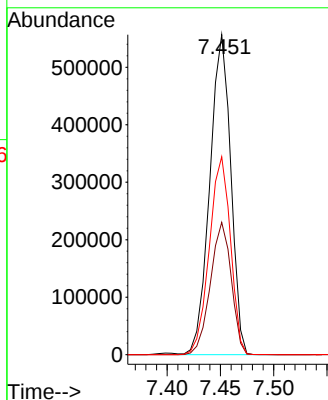
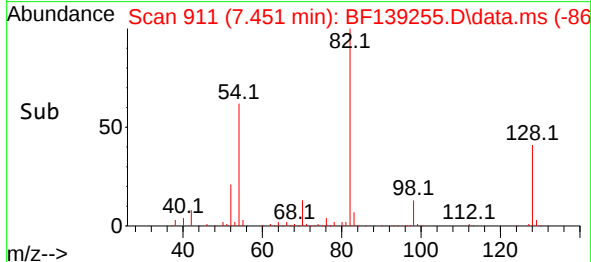
Instrument :
BNA_F
ClientSampleId :
LOQ-WATER-02-QT2-2024



Tgt Ion: 82 Resp: 763062
Ion Ratio Lower Upper
82 100
128 41.3 32.3 48.5
54 61.9 51.2 76.8

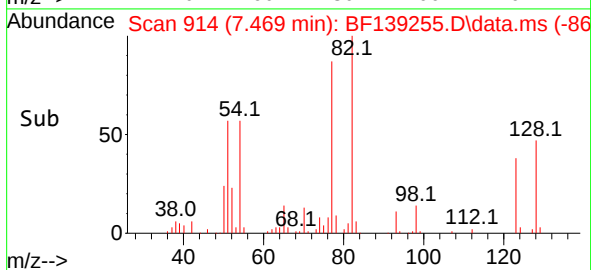
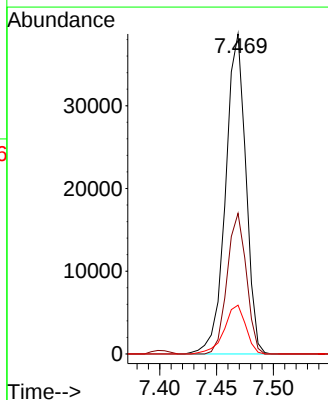
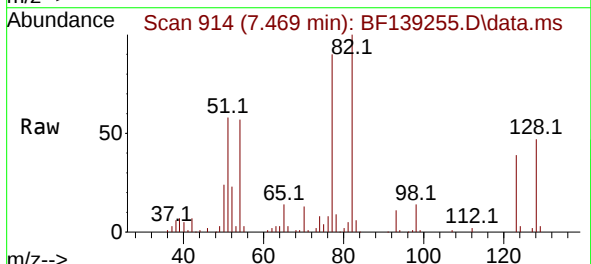
Manual Integrations
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Reviewed By :Jagrut Upadhyay 09/06/2024
Supervised By :mohammad ahmed 09/07/2024



#24
Nitrobenzene
Concen: 4.489 ng
RT: 7.469 min Scan# 914
Delta R.T. -0.006 min
Lab File: BF139255.D
Acq: 05 Sep 2024 11:33

Tgt Ion: 77 Resp: 48005
Ion Ratio Lower Upper
77 100
123 43.9 34.0 51.0
65 15.3 12.1 18.1





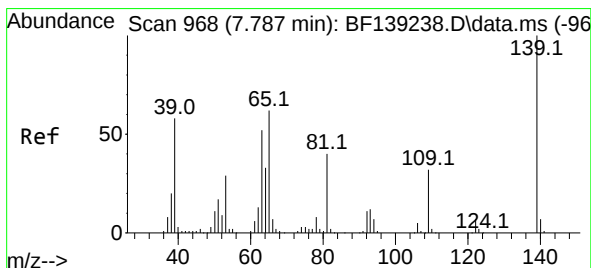
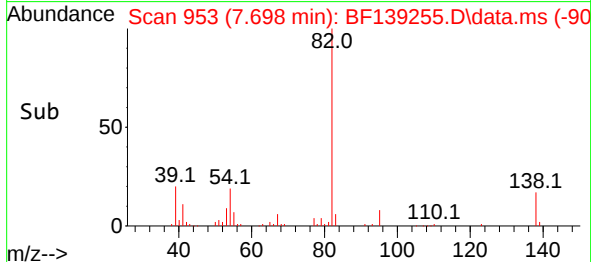
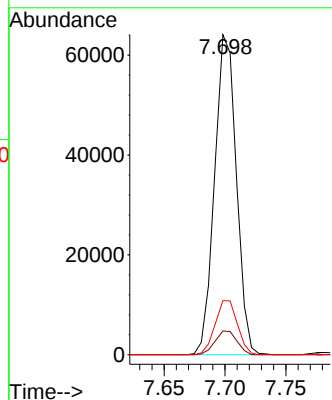
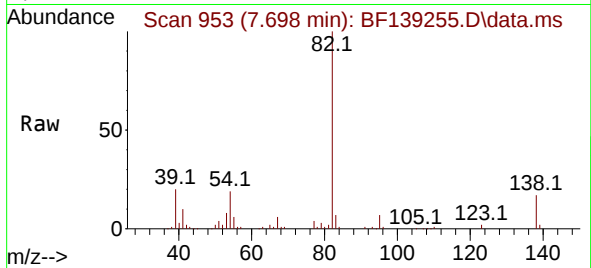
#25
Isophorone
Concen: 4.626 ng
RT: 7.698 min Scan# 911
Delta R.T. -0.012 min
Lab File: BF139255.D
Acq: 05 Sep 2024 11:33

Instrument : BNA_F
ClientSampleId :
LOQ-WATER-02-QT2-2024

Tgt Ion: 82 Resp: 7967
Ion Ratio Lower Upper
82 100
95 7.4 6.0 9.0
138 16.9 13.4 20.0

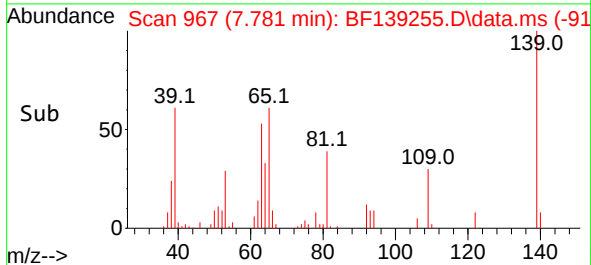
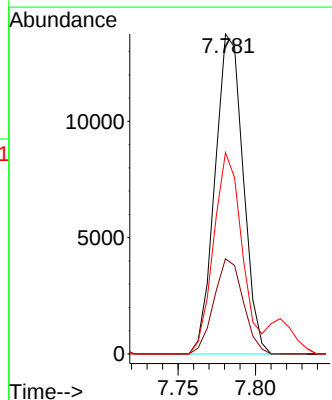
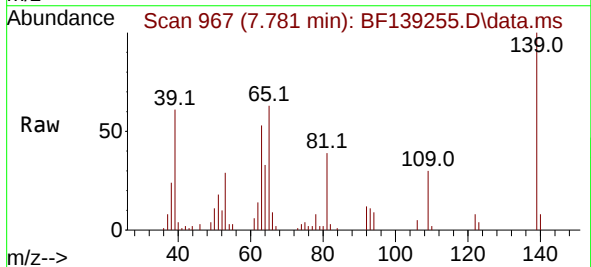
Manual Integrations
APPROVED

Reviewed By :Jagrut Upadhyay 09/06/2024
Supervised By :mohammad ahmed 09/07/2024



#26
2-Nitrophenol
Concen: 4.139 ng
RT: 7.781 min Scan# 967
Delta R.T. -0.006 min
Lab File: BF139255.D
Acq: 05 Sep 2024 11:33

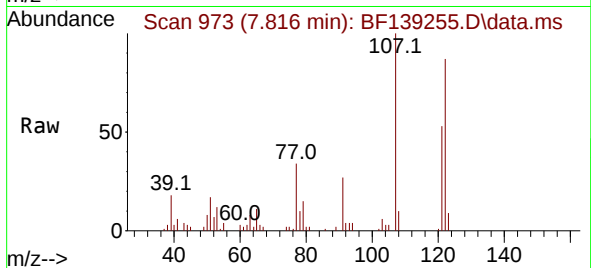
Tgt Ion:139 Resp: 17383
Ion Ratio Lower Upper
139 100
109 29.7 25.4 38.2
65 63.0 49.4 74.2





#27
2,4-Dimethylphenol
Concen: 4.751 ng m
RT: 7.816 min Scan# 91
Delta R.T. -0.006 min
Lab File: BF139255.D
Acq: 05 Sep 2024 11:33

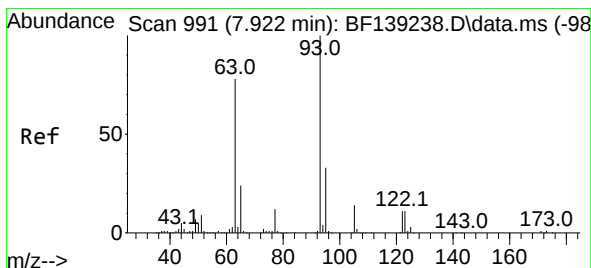
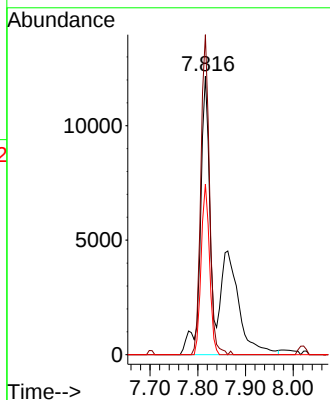
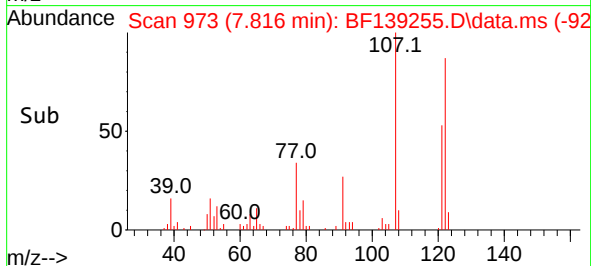
Instrument :
BNA_F
ClientSampleId :
LOQ-WATER-02-QT2-2024



Tgt Ion:122 Resp: 28454
Ion Ratio Lower Upper
122 100
107 115.0 93.4 140.2
121 61.2 46.6 70.0

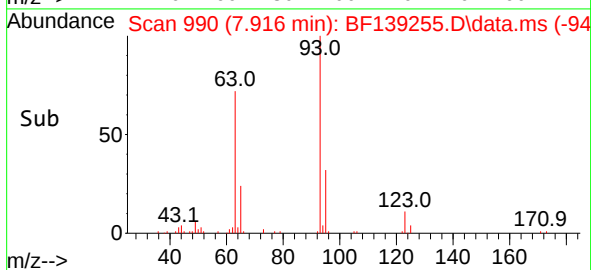
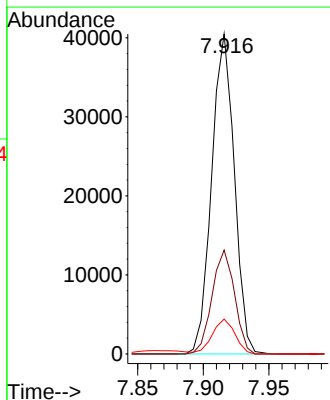
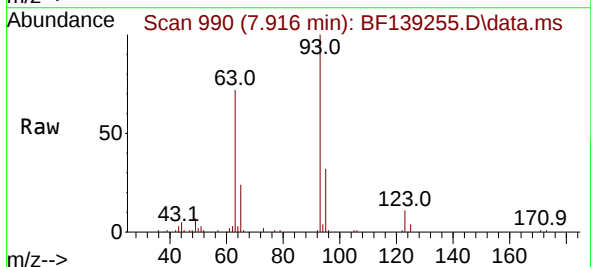
Manual Integrations
APPROVED

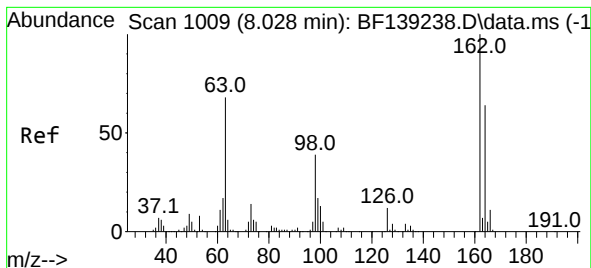
Reviewed By :Jagrut Upadhyay 09/06/2024
Supervised By :mohammad ahmed 09/07/2024



#28
bis(2-Chloroethoxy)methane
Concen: 4.730 ng
RT: 7.916 min Scan# 990
Delta R.T. -0.006 min
Lab File: BF139255.D
Acq: 05 Sep 2024 11:33

Tgt Ion: 93 Resp: 48534
Ion Ratio Lower Upper
93 100
95 32.5 26.6 40.0
123 10.9 9.6 14.4





#29

2,4-Dichlorophenol

Concen: 4.634 ng

RT: 8.022 min Scan# 1009

Delta R.T. -0.006 min

Lab File: BF139255.D

Acq: 05 Sep 2024 11:33

Instrument :

BNA_F

ClientSampleId :

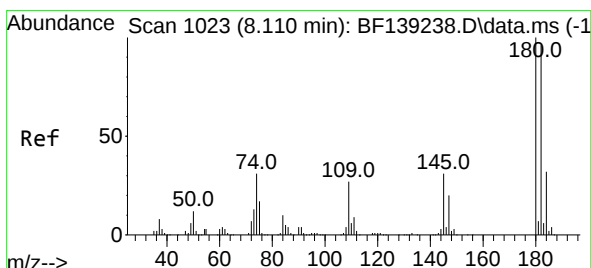
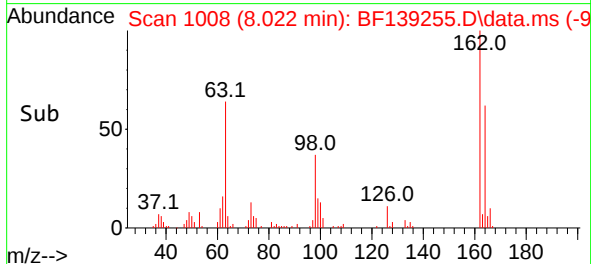
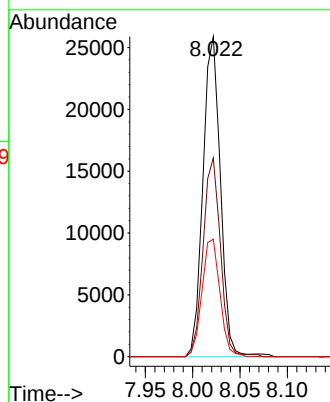
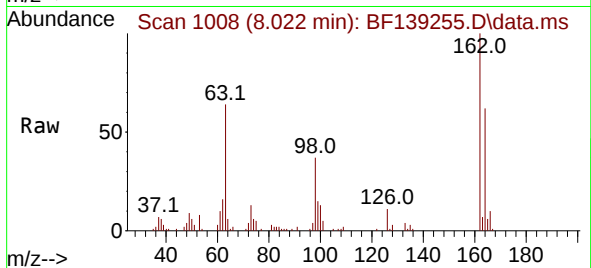
LOQ-WATER-02-QT2-2024

Tgt Ion:162	Resp:	3323
Ion Ratio	Lower	Upper
162	100	
164	62.1	43.6 83.6
98	36.7	19.5 59.5

Manual Integrations

APPROVED

Reviewed By :Jagrut Upadhyay 09/06/2024
Supervised By :mohammad ahmed 09/07/2024



#30

1,2,4-Trichlorobenzene

Concen: 4.494 ng

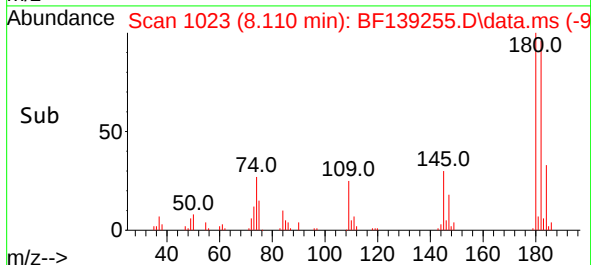
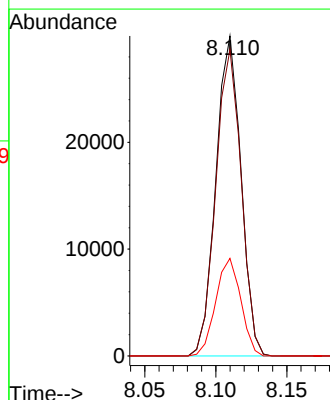
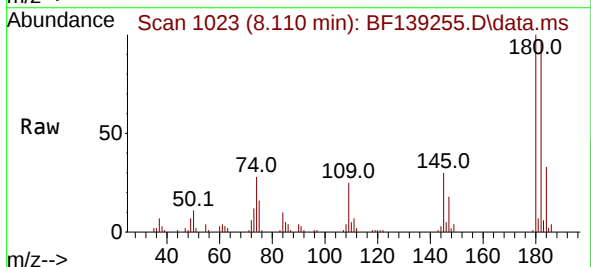
RT: 8.110 min Scan# 1023

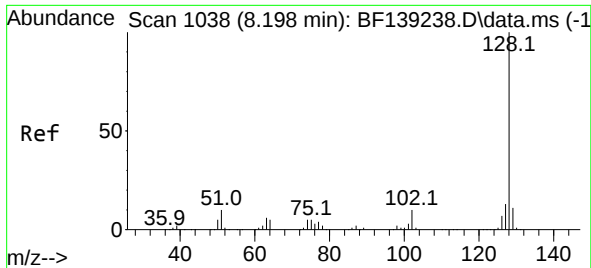
Delta R.T. -0.000 min

Lab File: BF139255.D

Acq: 05 Sep 2024 11:33

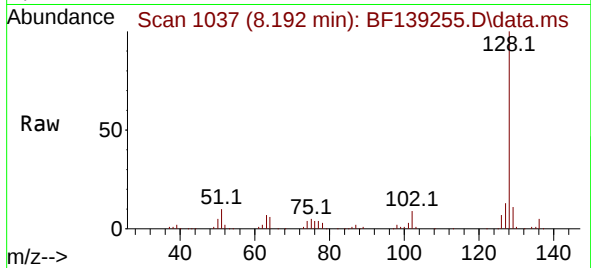
Tgt Ion:180	Resp:	36811
Ion Ratio	Lower	Upper
180	100	
182	95.8	76.5 114.7
145	30.5	25.1 37.7





#31
Naphthalene
Concen: 4.626 ng
RT: 8.192 min Scan# 1037
Delta R.T. -0.006 min
Lab File: BF139255.D
Acq: 05 Sep 2024 11:33

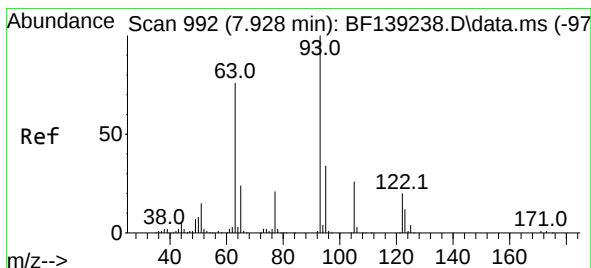
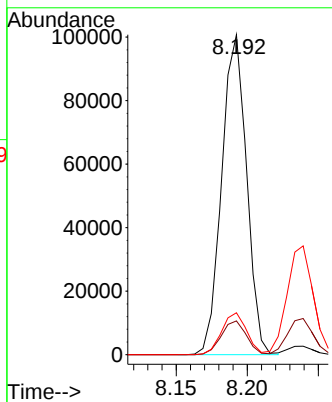
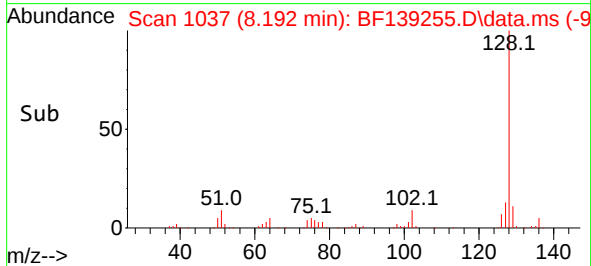
Instrument : BNA_F
ClientSampleId :
LOQ-WATER-02-QT2-2024



Tgt Ion:128 Resp: 122780
Ion Ratio Lower Upper
128 100
129 10.5 8.8 13.2
127 13.1 10.6 15.8

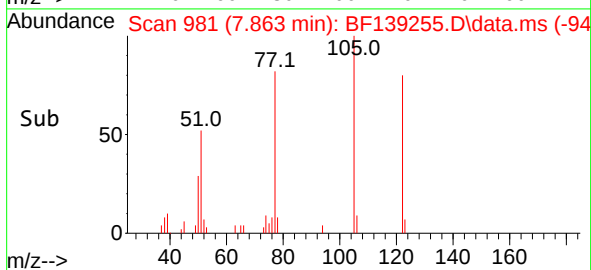
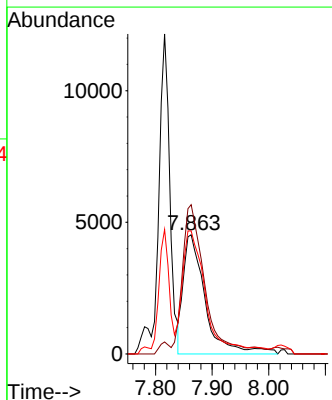
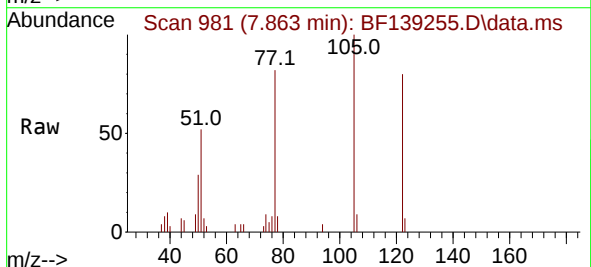
Manual Integrations
APPROVED

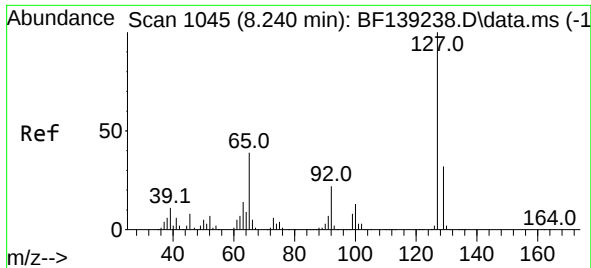
Reviewed By :Jagrut Upadhyay 09/06/2024
Supervised By :mohammad ahmed 09/07/2024



#32
Benzoic acid
Concen: 2.240 ng m
RT: 7.863 min Scan# 981
Delta R.T. -0.065 min
Lab File: BF139255.D
Acq: 05 Sep 2024 11:33

Tgt Ion:122 Resp: 12221
Ion Ratio Lower Upper
122 100
105 125.2 106.3 146.3
77 103.1 84.1 124.1





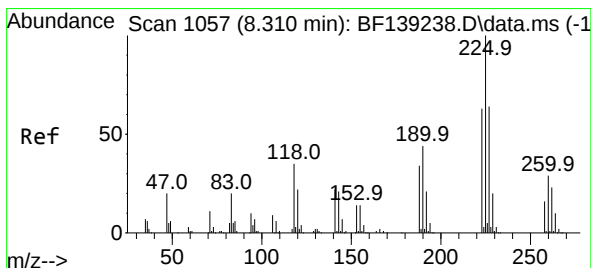
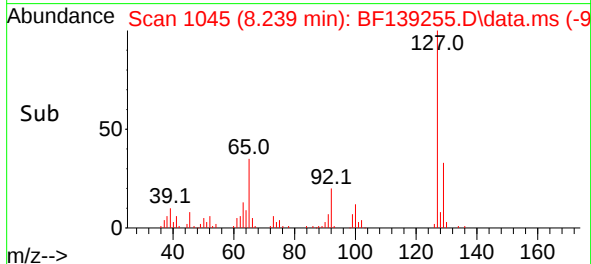
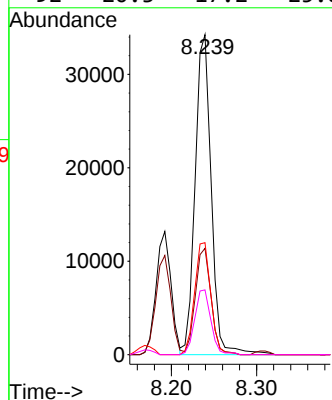
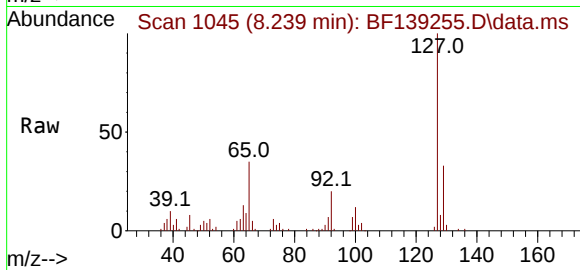
#33
4-Chloroaniline
Concen: 4.892 ng
RT: 8.239 min Scan# 1045
Delta R.T. -0.000 min
Lab File: BF139255.D
Acq: 05 Sep 2024 11:33

Instrument :
BNA_F
ClientSampleId :
LOQ-WATER-02-QT2-2024

Tgt Ion:127	Resp: 44950
Ion Ratio	Lower Upper
127 100	
129 33.3	25.8 38.6
65 35.0	30.6 45.8
92 20.3	17.2 25.8

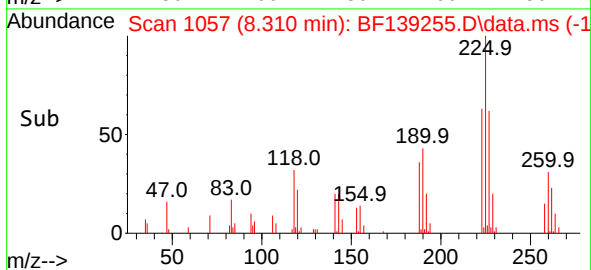
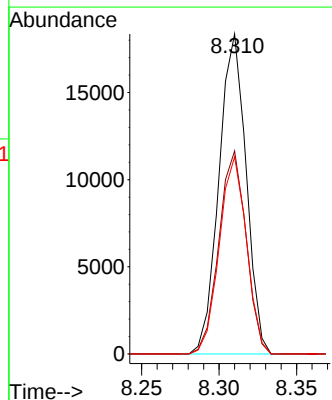
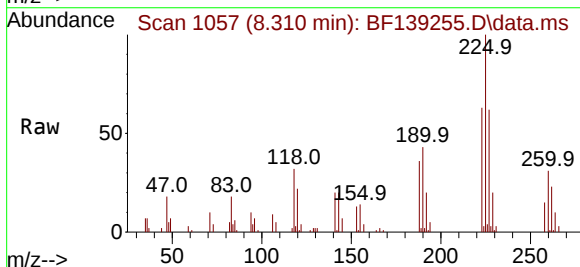
Manual Integrations
APPROVED

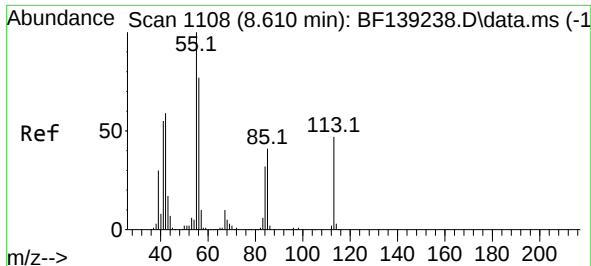
Reviewed By :Jagrut Upadhyay 09/06/2024
Supervised By :mohammad ahmed 09/07/2024



#34
Hexachlorobutadiene
Concen: 4.312 ng
RT: 8.310 min Scan# 1057
Delta R.T. -0.000 min
Lab File: BF139255.D
Acq: 05 Sep 2024 11:33

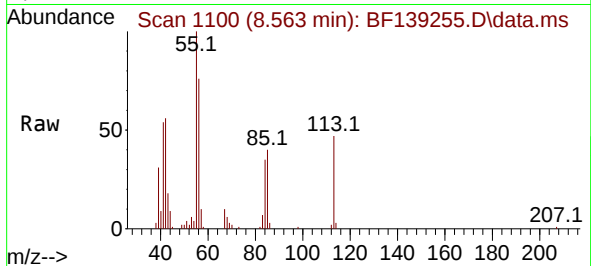
Tgt Ion:225	Resp: 22380
Ion Ratio	Lower Upper
225 100	
223 63.5	50.7 76.1
227 61.6	51.5 77.3





#35
Caprolactam
Concen: 4.155 ng
RT: 8.563 min Scan# 1108
Delta R.T. -0.047 min
Lab File: BF139255.D
Acq: 05 Sep 2024 11:33

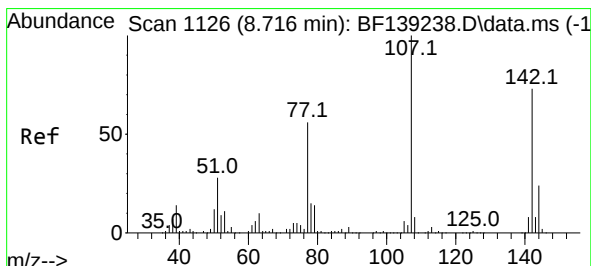
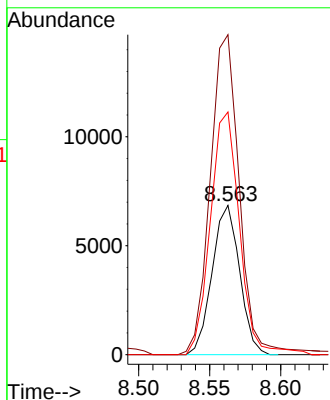
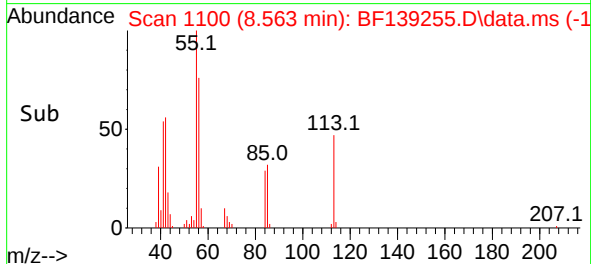
Instrument : BNA_F
ClientSampleId :
LOQ-WATER-02-QT2-2024



Tgt Ion:113 Resp: 9224
Ion Ratio Lower Upper
113 100
55 214.4 193.7 233.7
56 162.6 145.0 185.0

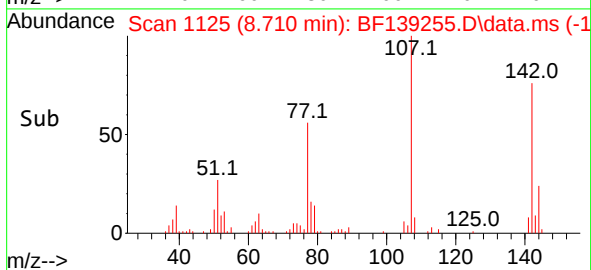
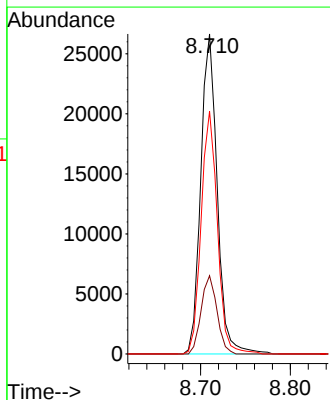
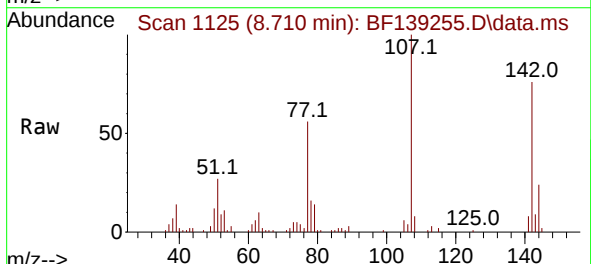
Manual Integrations
APPROVED

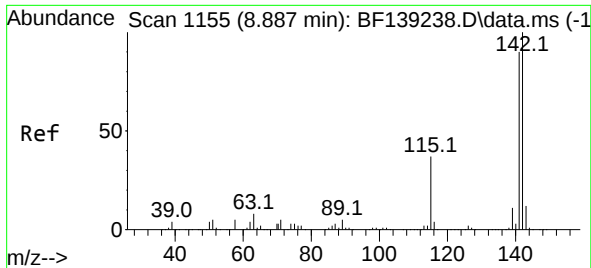
Reviewed By :Jagrut Upadhyay 09/06/2024
Supervised By :mohammad ahmed 09/07/2024



#36
4-Chloro-3-methylphenol
Concen: 4.342 ng
RT: 8.710 min Scan# 1125
Delta R.T. -0.006 min
Lab File: BF139255.D
Acq: 05 Sep 2024 11:33

Tgt Ion:107 Resp: 33931
Ion Ratio Lower Upper
107 100
144 24.5 19.1 28.7
142 75.8 58.3 87.5





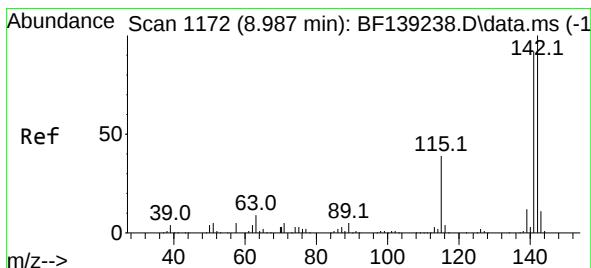
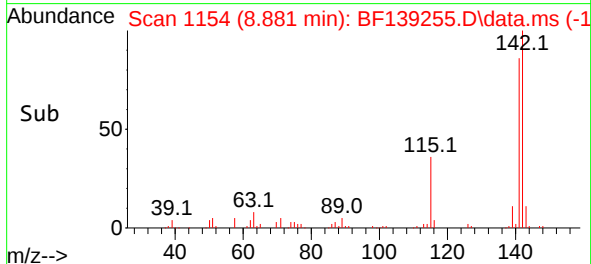
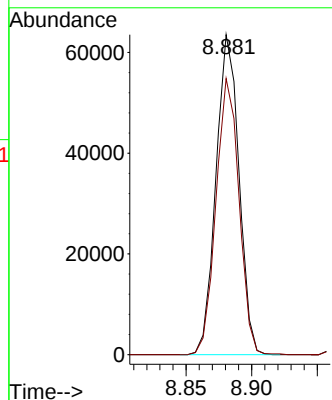
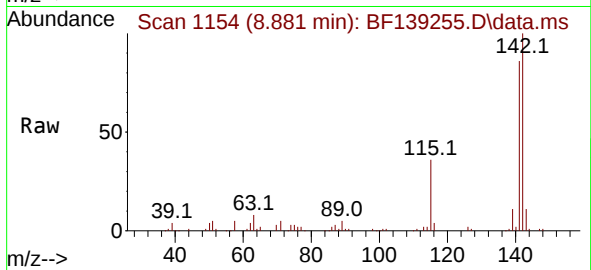
#37
2-Methylnaphthalene
Concen: 4.656 ng
RT: 8.881 min Scan# 1155
Delta R.T. -0.006 min
Lab File: BF139255.D
Acq: 05 Sep 2024 11:33

Instrument : BNA_F
ClientSampleId :
LOQ-WATER-02-QT2-2024

Tgt Ion:142 Resp: 77310
Ion Ratio Lower Upper
142 100
141 86.3 71.6 107.4

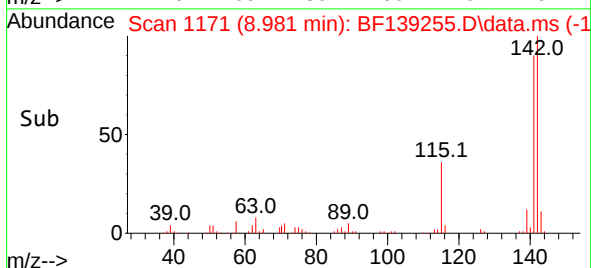
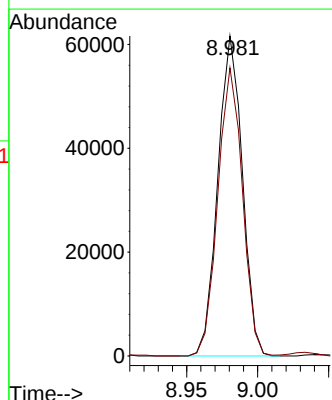
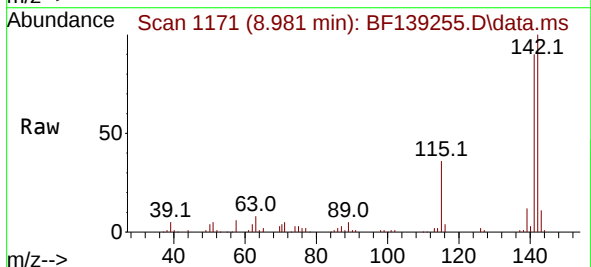
Manual Integrations
APPROVED

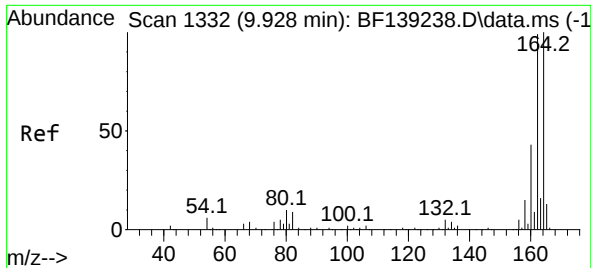
Reviewed By :Jagrut Upadhyay 09/06/2024
Supervised By :mohammad ahmed 09/07/2024



#38
1-Methylnaphthalene
Concen: 4.524 ng
RT: 8.981 min Scan# 1171
Delta R.T. -0.006 min
Lab File: BF139255.D
Acq: 05 Sep 2024 11:33

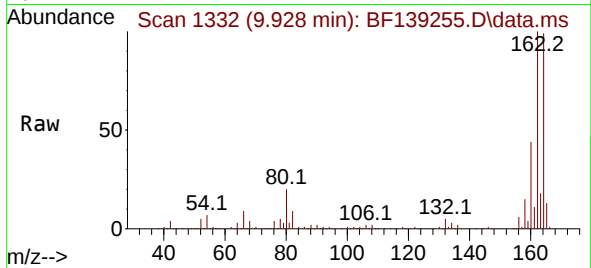
Tgt Ion:142 Resp: 73883
Ion Ratio Lower Upper
142 100
141 90.0 73.5 110.3





#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.928 min Scan# 1182
Delta R.T. -0.000 min
Lab File: BF139255.D
Acq: 05 Sep 2024 11:33

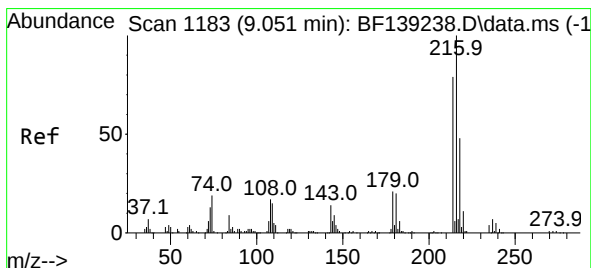
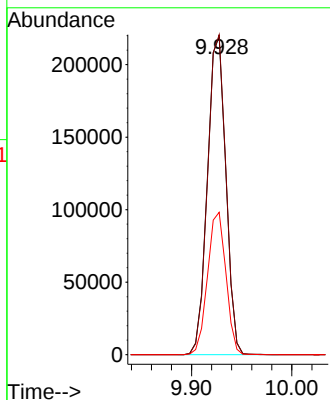
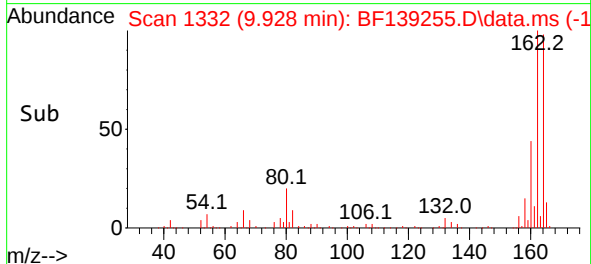
Instrument : BNA_F
ClientSampleId :
LOQ-WATER-02-QT2-2024



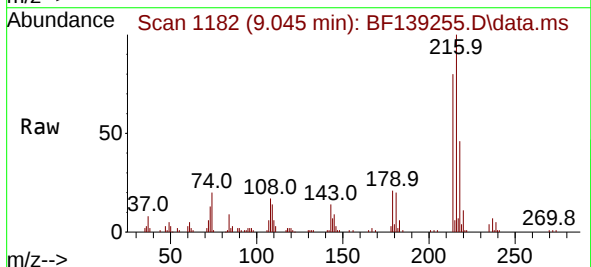
Tgt Ion:164 Resp: 280330
Ion Ratio Lower Upper
164 100
162 100.6 79.2 118.8
160 44.8 34.2 51.2

Manual Integrations
APPROVED

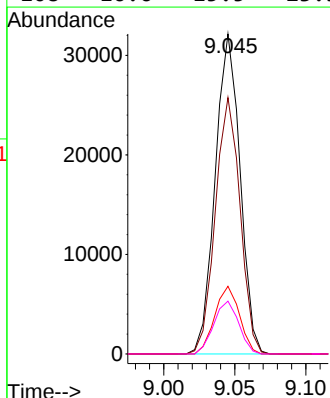
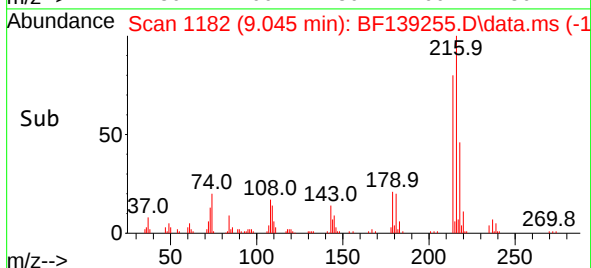
Reviewed By :Jagrut Upadhyay 09/06/2024
Supervised By :mohammad ahmed 09/07/2024

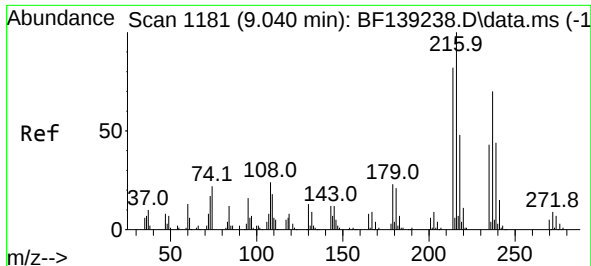


#40
1,2,4,5-Tetrachlorobenzene
Concen: 4.922 ng
RT: 9.045 min Scan# 1182
Delta R.T. -0.006 min
Lab File: BF139255.D
Acq: 05 Sep 2024 11:33



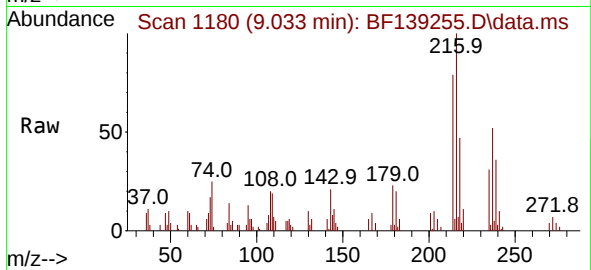
Tgt Ion:216 Resp: 39039
Ion Ratio Lower Upper
216 100
214 79.7 63.8 95.8
179 21.0 16.9 25.3
108 16.6 15.5 23.3





#41
Hexachlorocyclopentadiene
Concen: 2.843 ng
RT: 9.033 min Scan# 1181
Delta R.T. -0.006 min
Lab File: BF139255.D
Acq: 05 Sep 2024 11:33

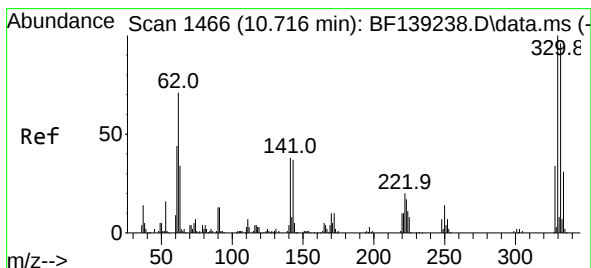
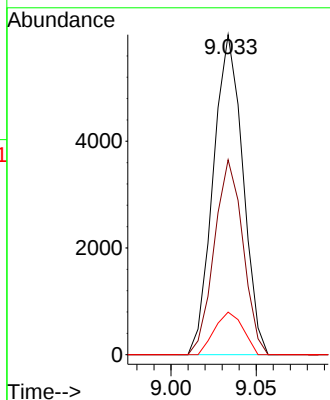
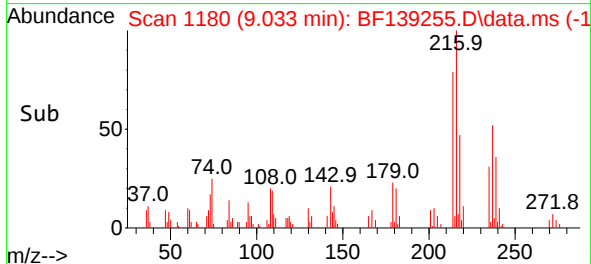
Instrument : BNA_F
ClientSampleId :
LOQ-WATER-02-QT2-2024



Tgt Ion: 237 Resp: 724
Ion Ratio Lower Upper
237 100
235 60.9 41.4 81.4
272 13.3 0.0 32.2

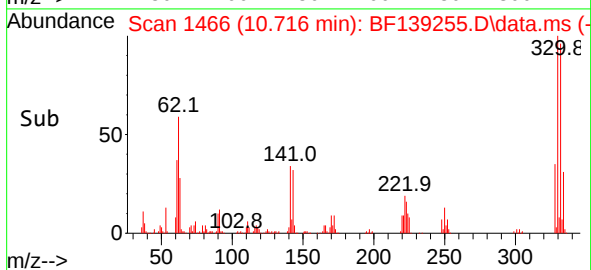
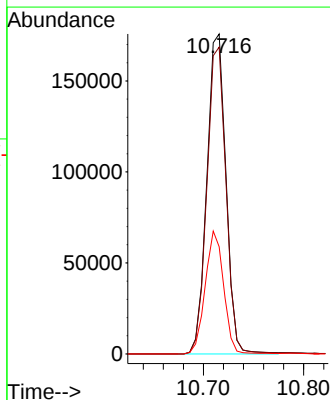
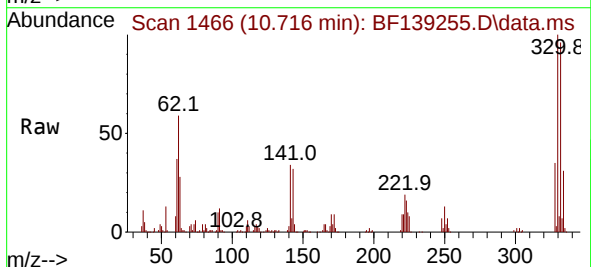
Manual Integrations
APPROVED

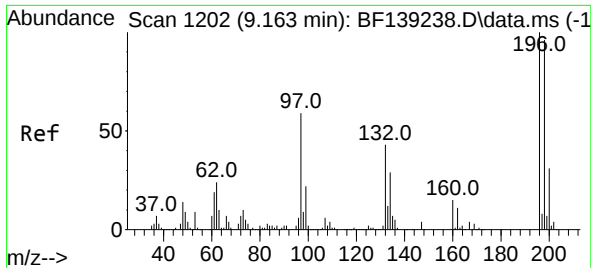
Reviewed By : Jagrut Upadhyay 09/06/2024
Supervised By : mohammad ahmed 09/07/2024



#42
2,4,6-Tribromophenol
Concen: 96.282 ng
RT: 10.716 min Scan# 1466
Delta R.T. -0.000 min
Lab File: BF139255.D
Acq: 05 Sep 2024 11:33

Tgt Ion: 330 Resp: 233074
Ion Ratio Lower Upper
330 100
332 96.7 76.6 115.0
141 37.2 30.1 45.1





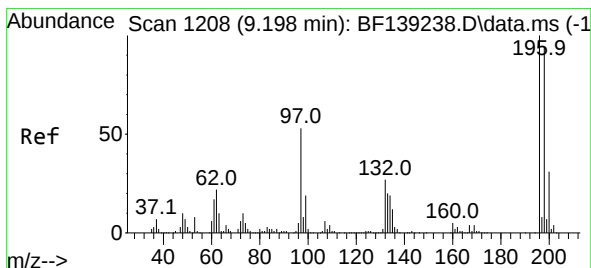
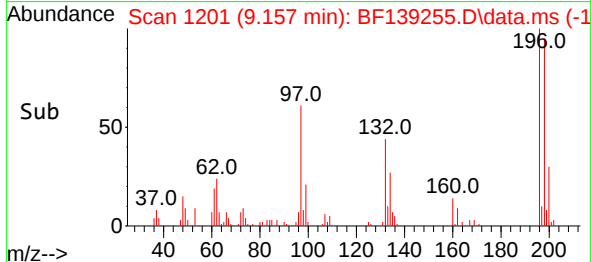
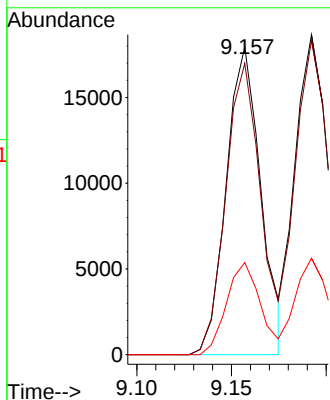
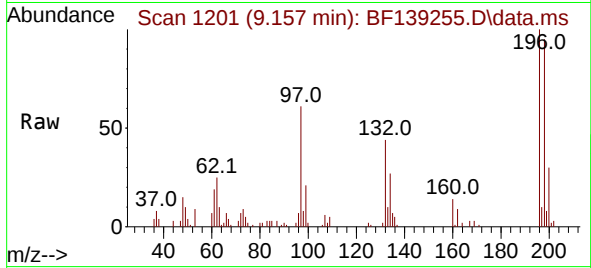
#43
2,4,6-Trichlorophenol
Concen: 4.392 ng
RT: 9.157 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF139255.D
Acq: 05 Sep 2024 11:33

Instrument :
BNA_F
ClientSampleId :
LOQ-WATER-02-QT2-2024

Tgt Ion:196 Resp: 2279
Ion Ratio Lower Upper
196 100
198 94.6 77.0 115.4
200 29.9 24.7 37.1

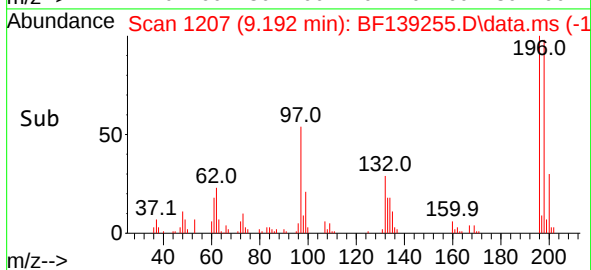
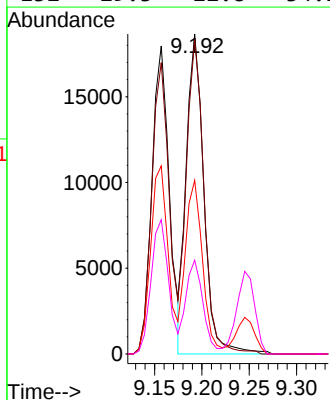
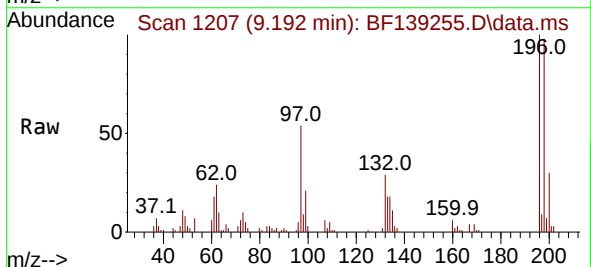
Manual Integrations
APPROVED

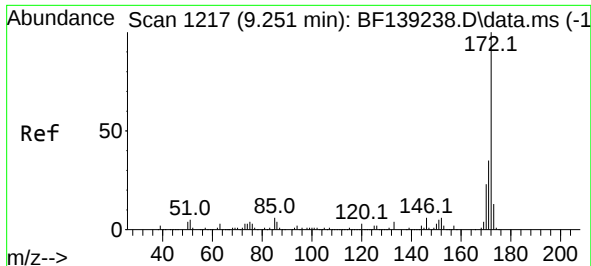
Reviewed By :Jagrut Upadhyay 09/06/2024
Supervised By :mohammad ahmed 09/07/2024



#44
2,4,5-Trichlorophenol
Concen: 4.452 ng
RT: 9.192 min Scan# 1207
Delta R.T. -0.006 min
Lab File: BF139255.D
Acq: 05 Sep 2024 11:33

Tgt Ion:196 Resp: 24213
Ion Ratio Lower Upper
196 100
198 98.2 75.6 113.4
97 54.3 43.6 65.4
132 29.3 22.8 34.2





#45

2-Fluorobiphenyl

Concen: 74.573 ng

RT: 9.245 min Scan# 11

Delta R.T. -0.006 min

Lab File: BF139255.D

Acq: 05 Sep 2024 11:33

Instrument :

BNA_F

ClientSampleId :

LOQ-WATER-02-QT2-2024

Tgt Ion:172 Resp: 1354290

Ion Ratio Lower Upper

172 100

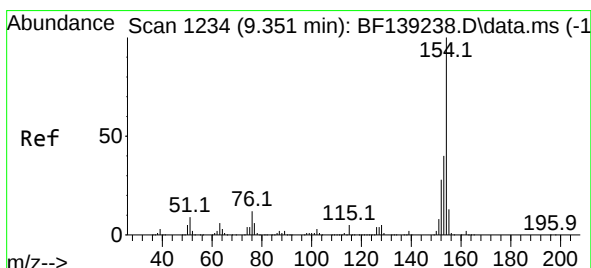
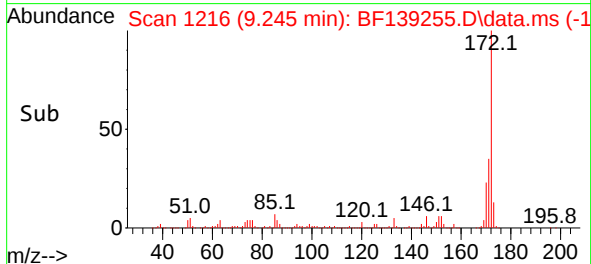
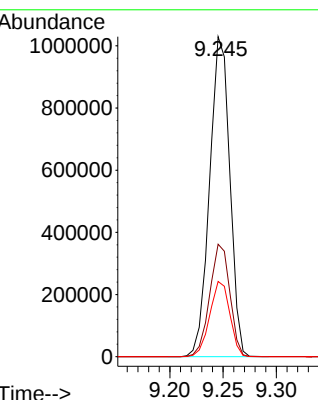
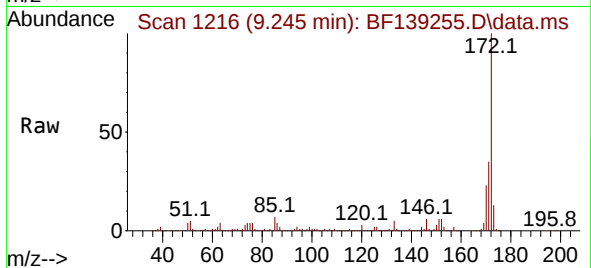
171 35.2 28.3 42.5

170 23.5 18.7 28.1

Manual Integrations

APPROVED

Reviewed By :Jagrut Upadhyay 09/06/2024
Supervised By :mohammad ahmed 09/07/2024



#46

1,1'-Biphenyl

Concen: 4.852 ng

RT: 9.345 min Scan# 1233

Delta R.T. -0.006 min

Lab File: BF139255.D

Acq: 05 Sep 2024 11:33

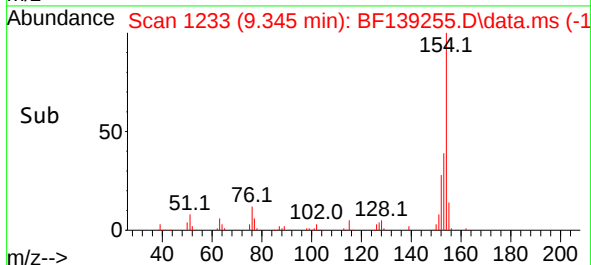
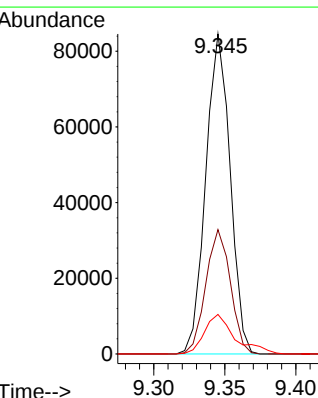
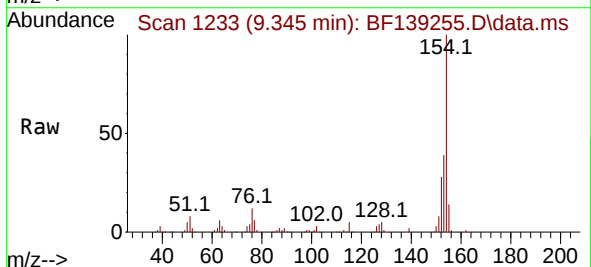
Tgt Ion:154 Resp: 100784

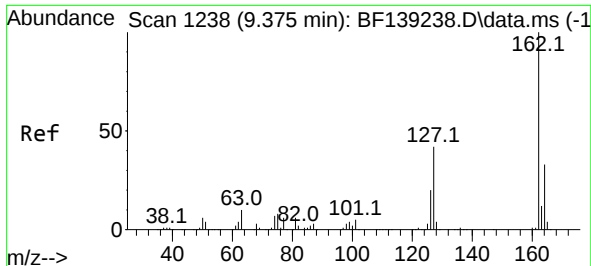
Ion Ratio Lower Upper

154 100

153 38.9 20.1 60.1

76 12.4 0.0 32.3





#47

2-Chloronaphthalene

Concen: 4.627 ng

RT: 9.369 min Scan# 11

Delta R.T. -0.006 min

Lab File: BF139255.D

Acq: 05 Sep 2024 11:33

Instrument :

BNA_F

ClientSampleId :

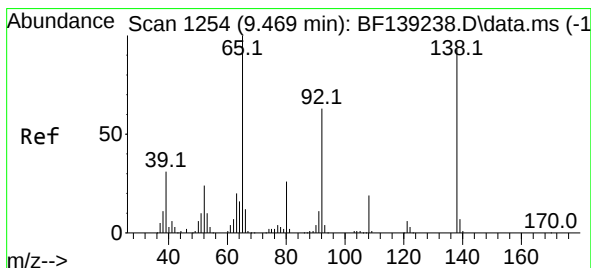
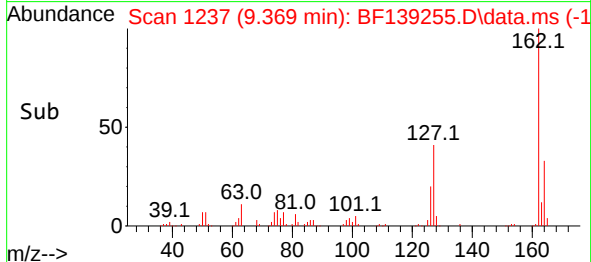
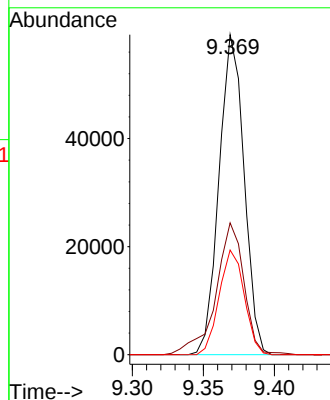
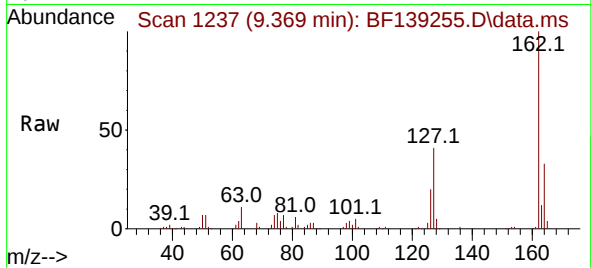
LOQ-WATER-02-QT2-2024

Tgt Ion:162	Resp:	72569
Ion Ratio	Lower	Upper
162	100	
127	41.2	34.2 51.4
164	32.7	26.2 39.2

Manual Integrations

APPROVED

Reviewed By :Jagrut Upadhyay 09/06/2024
Supervised By :mohammad ahmed 09/07/2024



#48

2-Nitroaniline

Concen: 4.254 ng

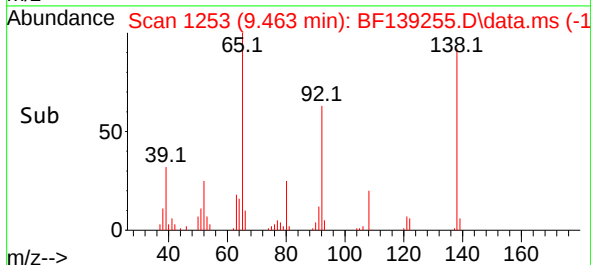
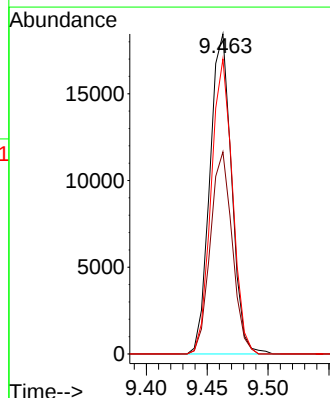
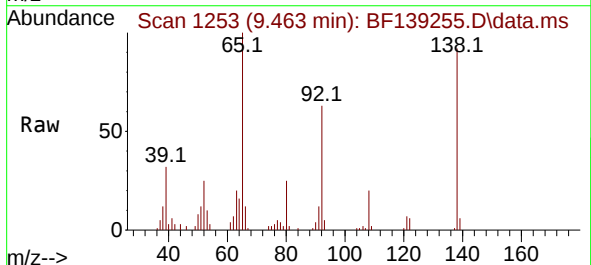
RT: 9.463 min Scan# 1253

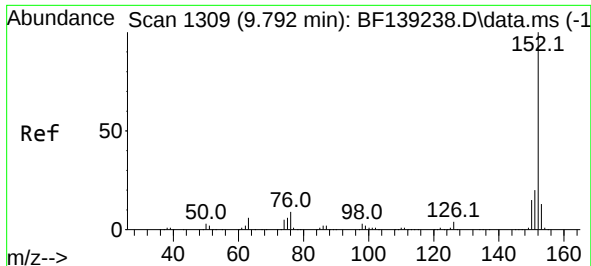
Delta R.T. -0.006 min

Lab File: BF139255.D

Acq: 05 Sep 2024 11:33

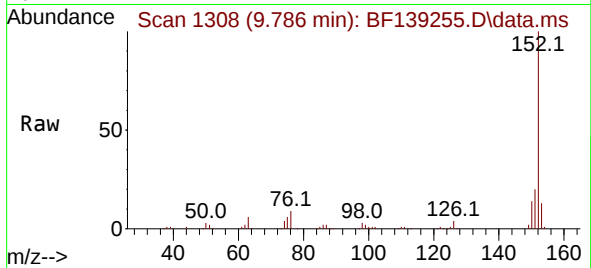
Tgt Ion: 65	Resp:	22980
Ion Ratio	Lower	Upper
65	100	
92	63.2	50.4 75.6
138	92.2	74.2 111.4





#49
Acenaphthylene
Concen: 5.051 ng
RT: 9.786 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF139255.D
Acq: 05 Sep 2024 11:33

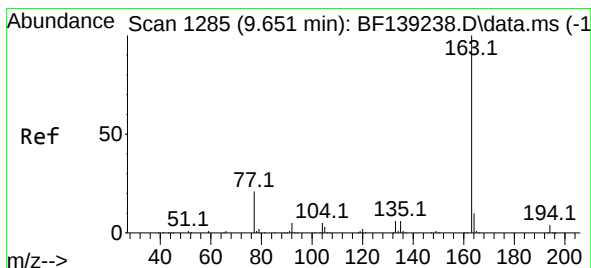
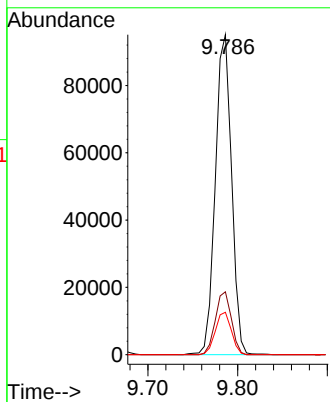
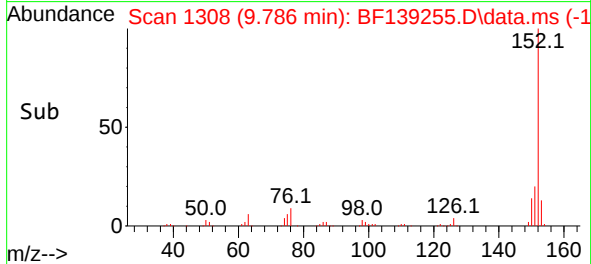
Instrument :
BNA_F
ClientSampleId :
LOQ-WATER-02-QT2-2024



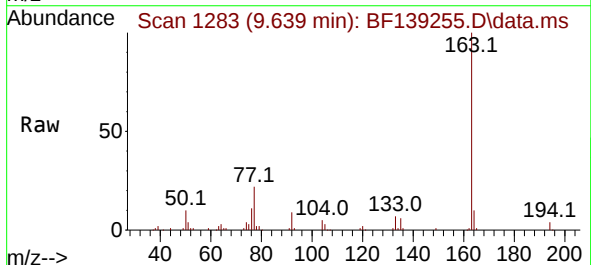
Tgt Ion:152 Resp: 119308
Ion Ratio Lower Upper
152 100
151 19.7 16.0 24.0
153 13.2 10.4 15.6

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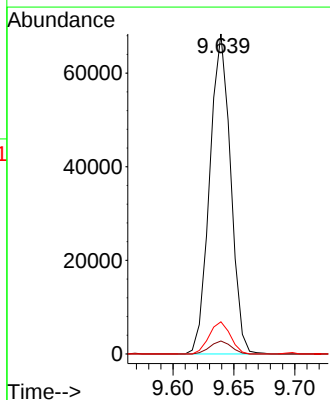
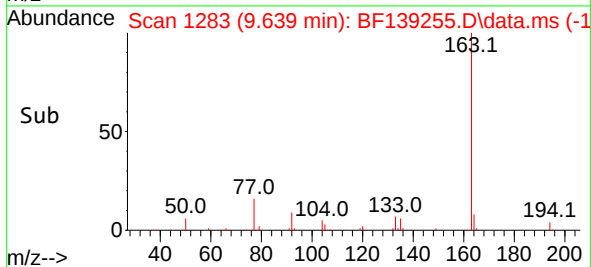
Reviewed By :Jagrut Upadhyay 09/06/2024
Supervised By :mohammad ahmed 09/07/2024

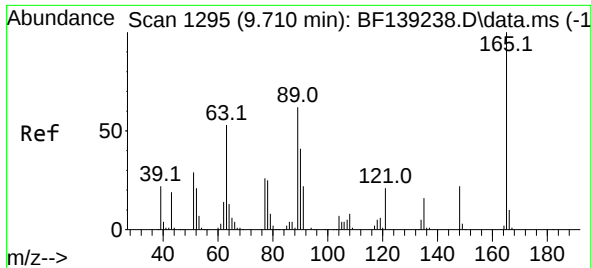


#50
Dimethylphthalate
Concen: 4.799 ng
RT: 9.639 min Scan# 1283
Delta R.T. -0.012 min
Lab File: BF139255.D
Acq: 05 Sep 2024 11:33



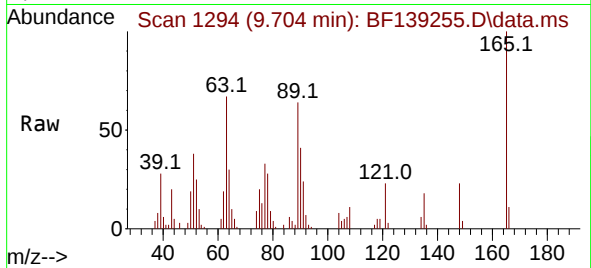
Tgt Ion:163 Resp: 81542
Ion Ratio Lower Upper
163 100
194 4.0 3.2 4.8
164 10.1 7.9 11.9





#51
2,6-Dinitrotoluene
Concen: 4.041 ng
RT: 9.704 min Scan# 1295
Delta R.T. -0.006 min
Lab File: BF139255.D
Acq: 05 Sep 2024 11:33

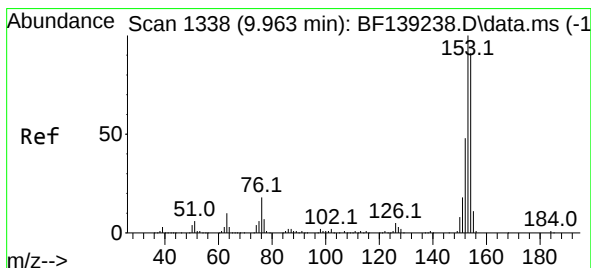
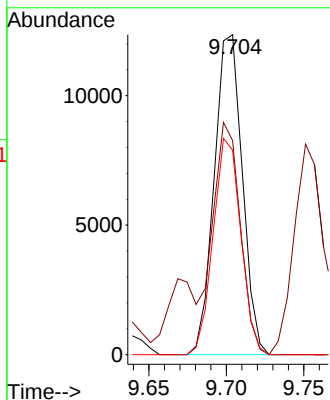
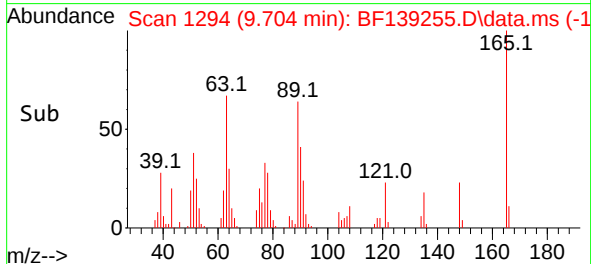
Instrument : BNA_F
ClientSampleId :
LOQ-WATER-02-QT2-2024



Tgt Ion:165 Resp: 15570
Ion Ratio Lower Upper
165 100
63 66.9 56.1 84.1
89 63.9 49.7 74.5

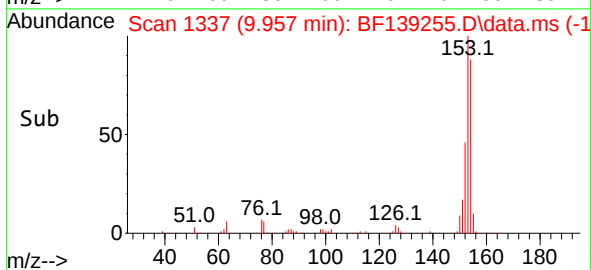
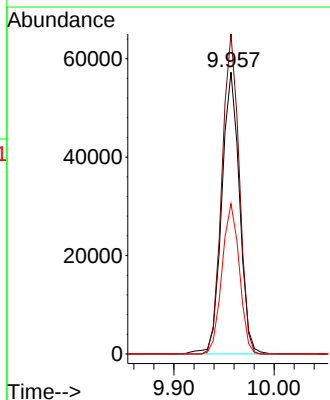
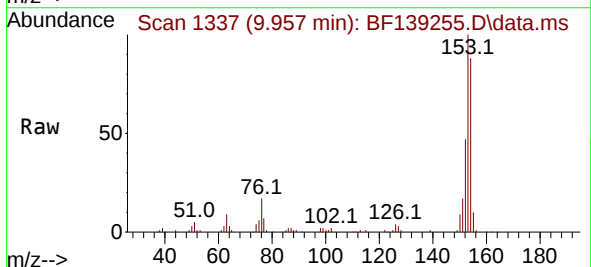
Manual Integrations
APPROVED

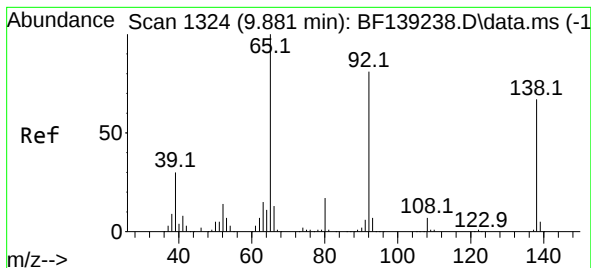
Reviewed By :Jagrut Upadhyay 09/06/2024
Supervised By :mohammad ahmed 09/07/2024



#52
Acenaphthene
Concen: 4.479 ng
RT: 9.957 min Scan# 1337
Delta R.T. -0.006 min
Lab File: BF139255.D
Acq: 05 Sep 2024 11:33

Tgt Ion:154 Resp: 70173
Ion Ratio Lower Upper
154 100
153 113.6 87.8 131.6
152 53.3 41.7 62.5





#53

3-Nitroaniline

Concen: 4.434 ng

RT: 9.869 min Scan# 1322

Delta R.T. -0.012 min

Lab File: BF139255.D

Acq: 05 Sep 2024 11:33

Instrument :

BNA_F

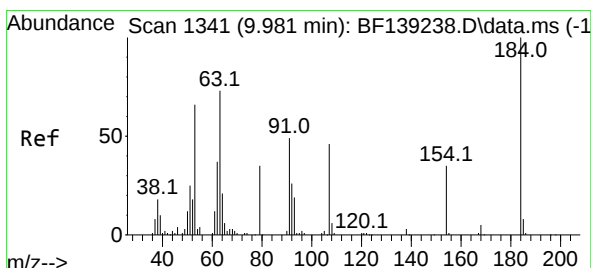
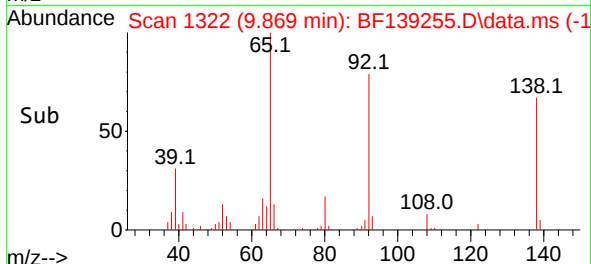
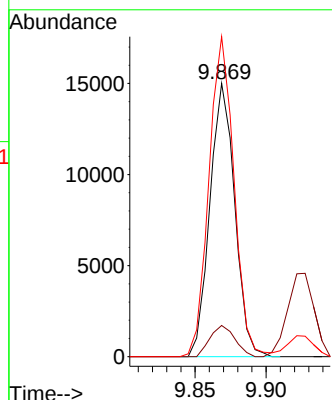
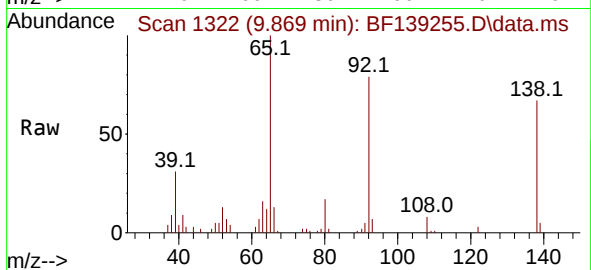
ClientSampleId :

LOQ-WATER-02-QT2-2024

Tgt Ion:	138	Resp:	1821
Ion Ratio	Lower	Upper	
138	100		
108	11.4	8.6	13.0
92	117.1	96.4	144.6

Manual Integrations
APPROVED

Reviewed By :Jagrut Upadhyay 09/06/2024
Supervised By :mohammad ahmed 09/07/2024



#54

2,4-Dinitrophenol

Concen: 8.425 ng

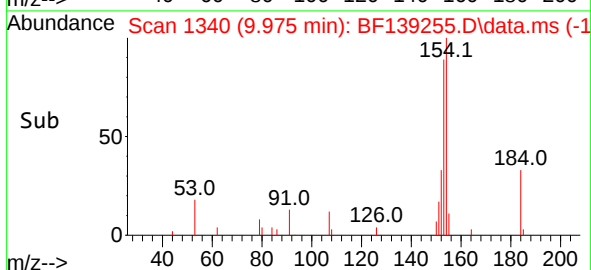
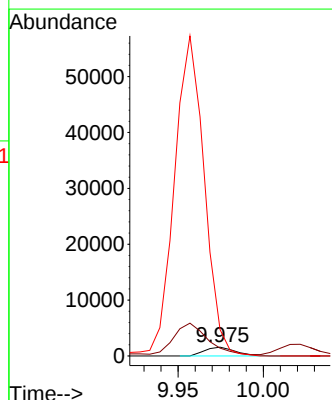
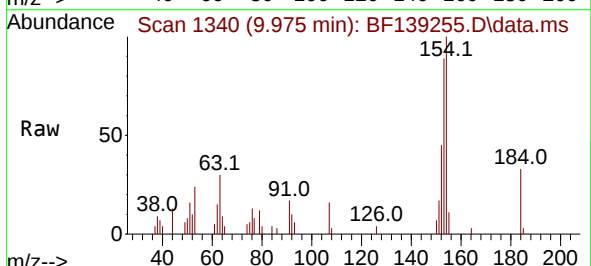
RT: 9.975 min Scan# 1340

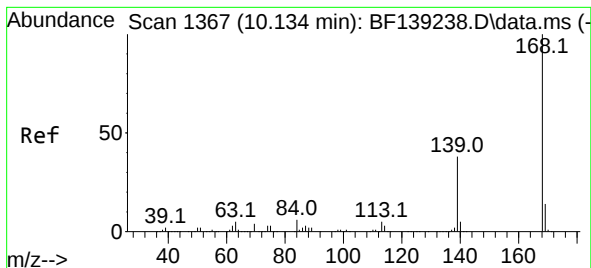
Delta R.T. -0.006 min

Lab File: BF139255.D

Acq: 05 Sep 2024 11:33

Tgt Ion:	184	Resp:	2004
Ion Ratio	Lower	Upper	
184	100		
63	89.6	66.4	99.6
154	300.0	97.0	145.6#





#55

Dibenzenofuran

Concen: 4.878 ng

RT: 10.128 min Scan# 11

Delta R.T. -0.006 min

Lab File: BF139255.D

Acq: 05 Sep 2024 11:33

Instrument :

BNA_F

ClientSampleId :

LOQ-WATER-02-QT2-2024

Tgt Ion:168 Resp: 109579

Ion Ratio Lower Upper

168 100

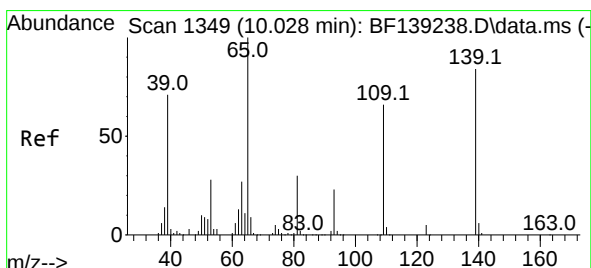
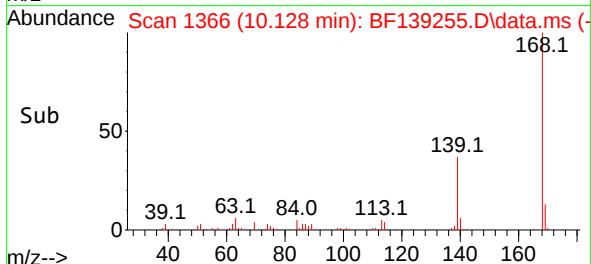
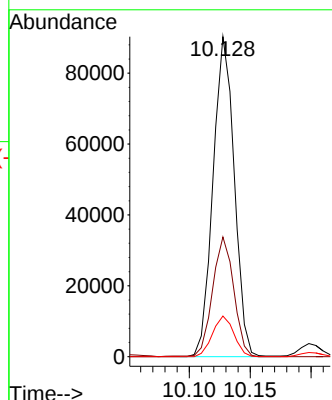
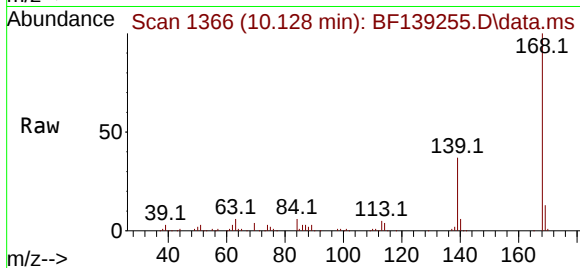
139 37.4 30.2 45.4

169 12.7 10.8 16.2

Manual Integrations

APPROVED

Reviewed By :Jagrut Upadhyay 09/06/2024
Supervised By :mohammad ahmed 09/07/2024



#56

4-Nitrophenol

Concen: 2.980 ng

RT: 10.022 min Scan# 1348

Delta R.T. -0.006 min

Lab File: BF139255.D

Acq: 05 Sep 2024 11:33

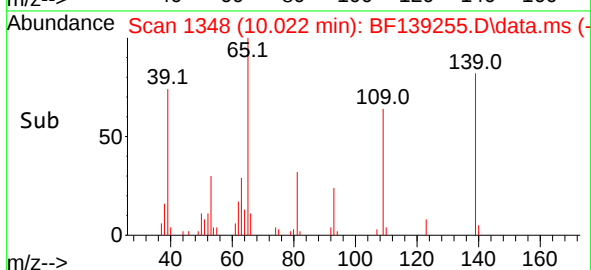
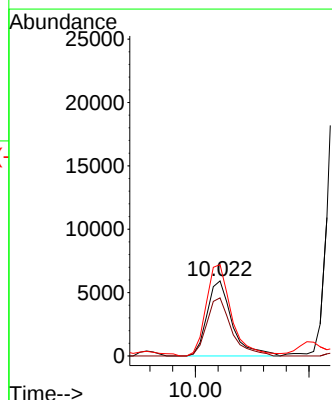
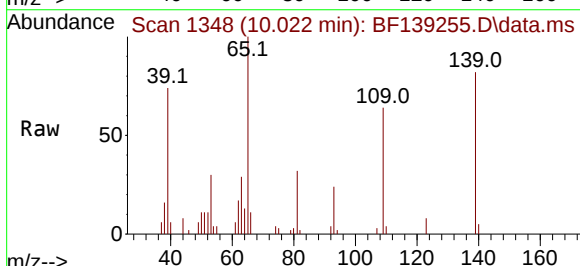
Tgt Ion:139 Resp: 9032

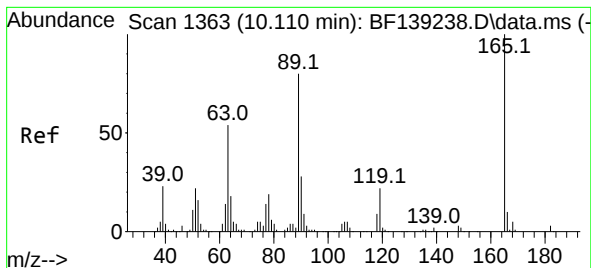
Ion Ratio Lower Upper

139 100

109 77.5 58.7 98.7

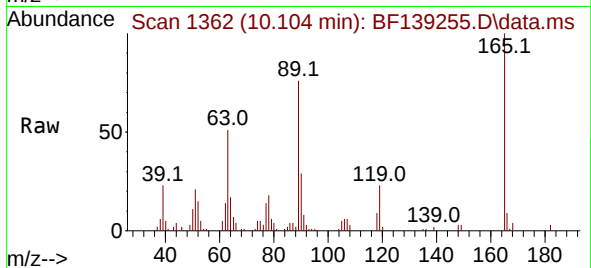
65 121.7 100.3 140.3





#57
2,4-Dinitrotoluene
Concen: 4.144 ng
RT: 10.104 min Scan# 1362
Delta R.T. -0.006 min
Lab File: BF139255.D
Acq: 05 Sep 2024 11:33

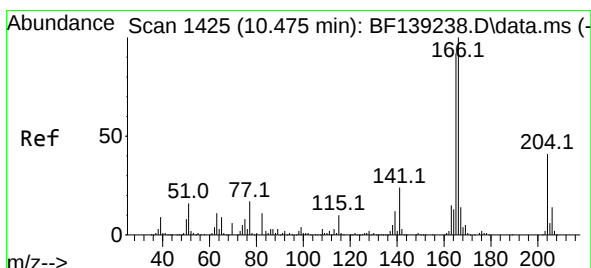
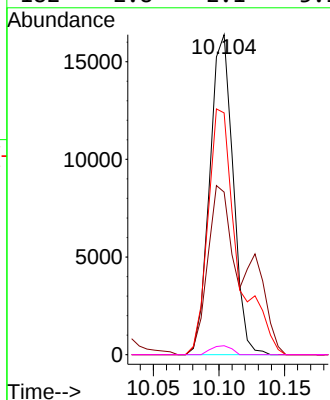
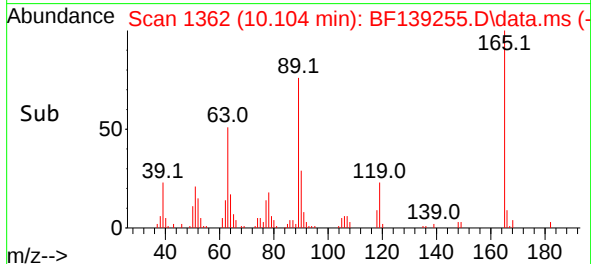
Instrument : BNA_F
ClientSampleId : LOQ-WATER-02-QT2-2024



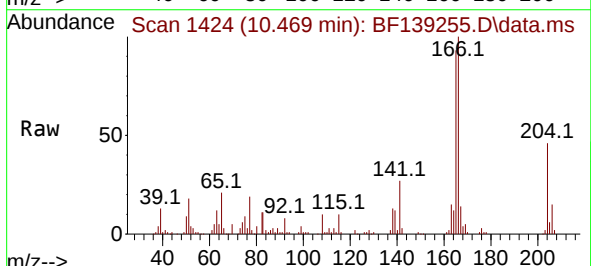
Tgt Ion:165 Resp: 2033
Ion Ratio Lower Upper
165 100
63 50.8 43.4 65.0
89 75.6 64.2 96.4
182 2.8 2.1 3.1

Manual Integrations
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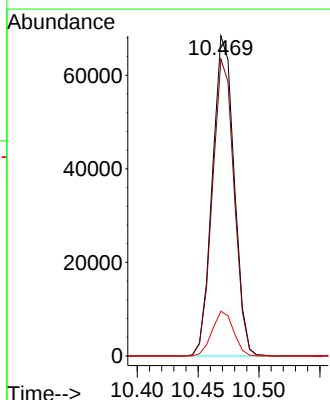
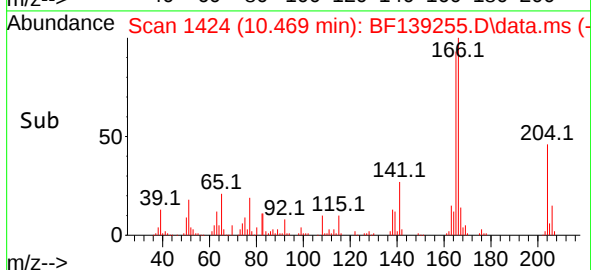
Reviewed By :Jagrut Upadhyay 09/06/2024
Supervised By :mohammad ahmed 09/07/2024



#58
Fluorene
Concen: 4.879 ng
RT: 10.469 min Scan# 1424
Delta R.T. -0.006 min
Lab File: BF139255.D
Acq: 05 Sep 2024 11:33



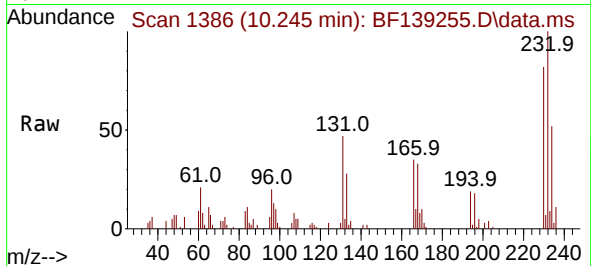
Tgt Ion:166 Resp: 84977
Ion Ratio Lower Upper
166 100
165 92.7 73.7 110.5
167 14.0 10.9 16.3





#59
2,3,4,6-Tetrachlorophenol
Concen: 4.307 ng
RT: 10.245 min Scan# 1386
Delta R.T. -0.006 min
Lab File: BF139255.D
Acq: 05 Sep 2024 11:33

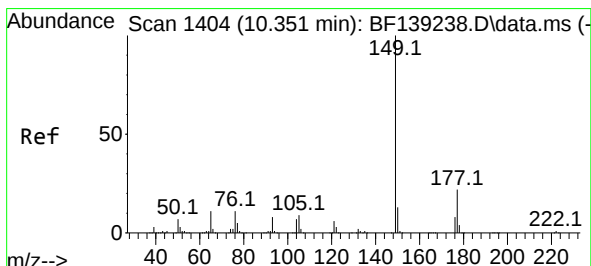
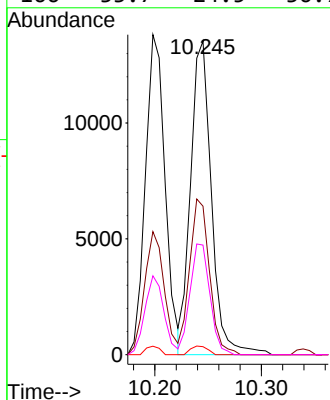
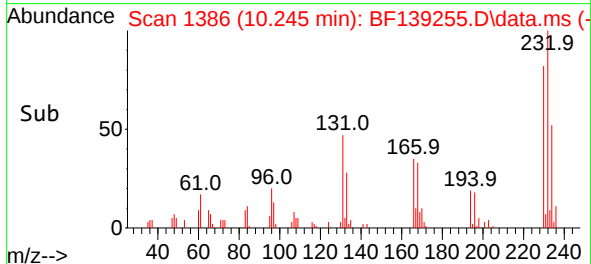
Instrument :
BNA_F
ClientSampleId :
LOQ-WATER-02-QT2-2024



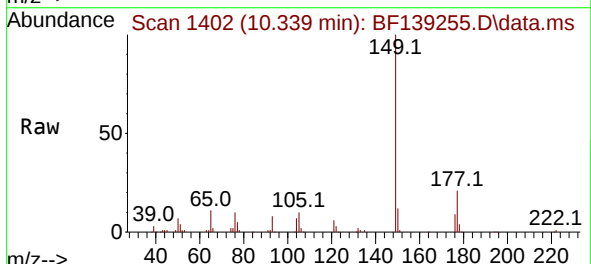
Tgt Ion:232 Resp: 1843
Ion Ratio Lower Upper
232 100
131 47.3 37.7 56.5
130 2.2 1.9 2.9
166 33.7 24.5 36.7

Manual Integrations
APPROVED

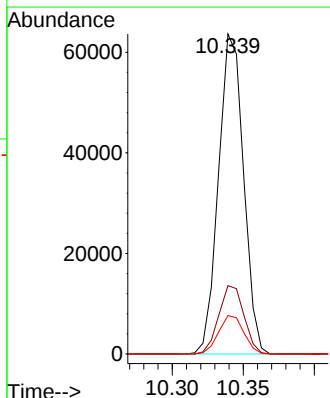
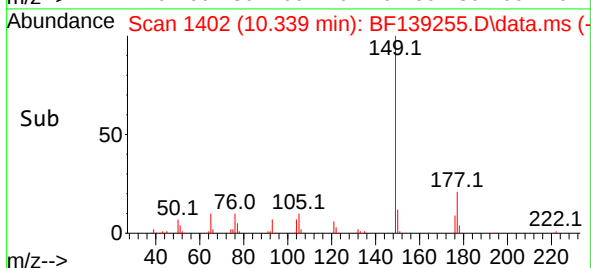
Reviewed By :Jagrut Upadhyay 09/06/2024
Supervised By :mohammad ahmed 09/07/2024

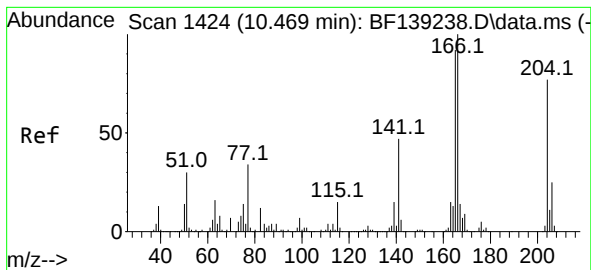


#60
Diethylphthalate
Concen: 4.660 ng
RT: 10.339 min Scan# 1402
Delta R.T. -0.012 min
Lab File: BF139255.D
Acq: 05 Sep 2024 11:33



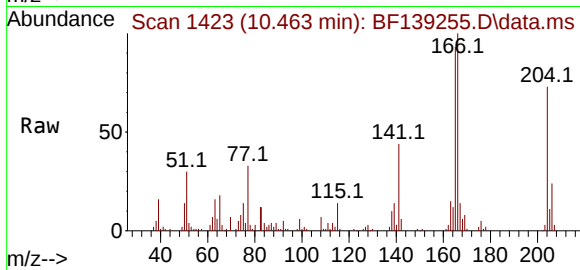
Tgt Ion:149 Resp: 77918
Ion Ratio Lower Upper
149 100
177 21.4 17.7 26.5
150 12.0 10.2 15.2





#61
4-Chlorophenyl-phenylether
Concen: 4.801 ng
RT: 10.463 min Scan# 1423
Delta R.T. -0.006 min
Lab File: BF139255.D
Acq: 05 Sep 2024 11:33

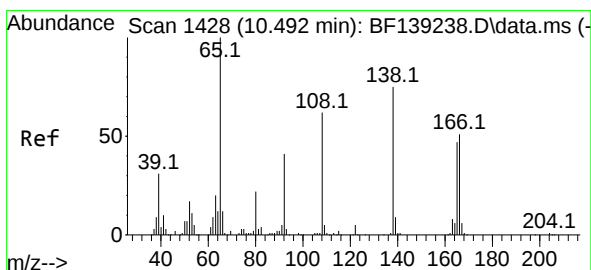
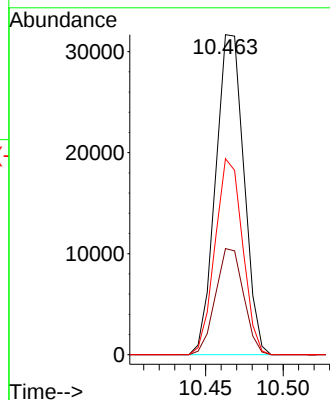
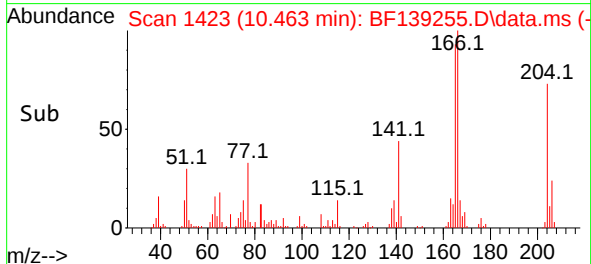
Instrument : BNA_F
ClientSampleId : LOQ-WATER-02-QT2-2024



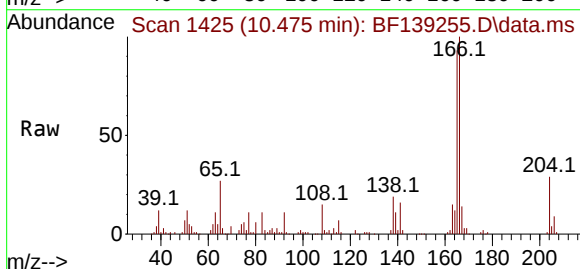
Tgt Ion:204 Resp: 40319
Ion Ratio Lower Upper
204 100
206 33.2 25.8 38.8
141 61.2 48.6 72.8

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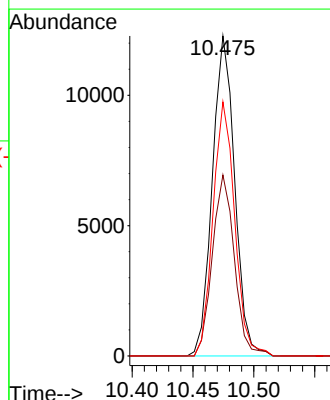
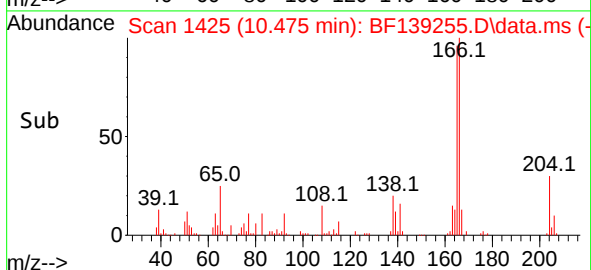
Reviewed By :Jagrut Upadhyay 09/06/2024
Supervised By :mohammad ahmed 09/07/2024



#62
4-Nitroaniline
Concen: 4.019 ng
RT: 10.475 min Scan# 1425
Delta R.T. -0.018 min
Lab File: BF139255.D
Acq: 05 Sep 2024 11:33



Tgt Ion:138 Resp: 15711
Ion Ratio Lower Upper
138 100
92 56.6 34.4 74.4
108 79.4 62.7 102.7





#63

Azobenzene

Concen: 4.610 ng

RT: 10.627 min Scan# 1451

Delta R.T. -0.000 min

Lab File: BF139255.D

Acq: 05 Sep 2024 11:33

Instrument :

BNA_F

ClientSampleId :

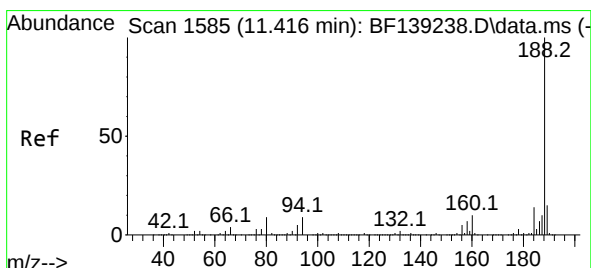
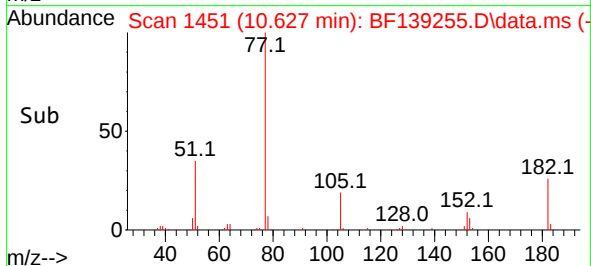
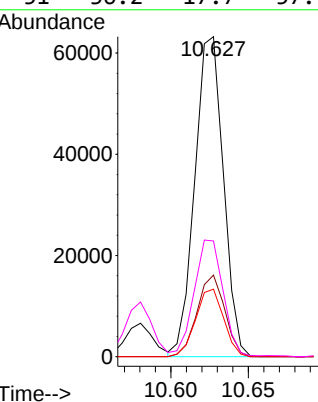
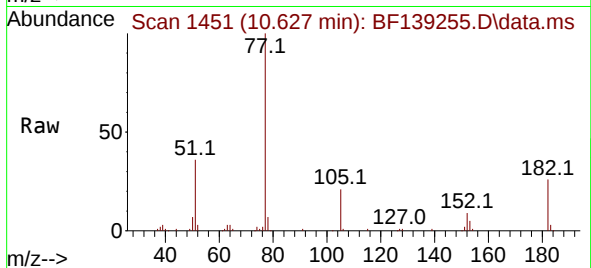
LOQ-WATER-02-QT2-2024

Tgt Ion: 77	Resp: 8124
Ion Ratio	Lower Upper
77 100	
182 25.5	3.0 43.0
105 21.1	0.0 39.4
51 36.2	17.7 57.7

Manual Integrations

APPROVED

Reviewed By :Jagrut Upadhyay 09/06/2024
Supervised By :mohammad ahmed 09/07/2024



#64

Phenanthrene-d10

Concen: 20.000 ng

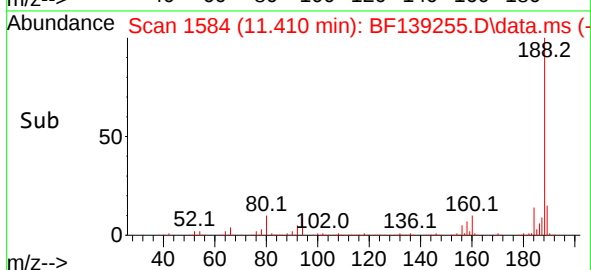
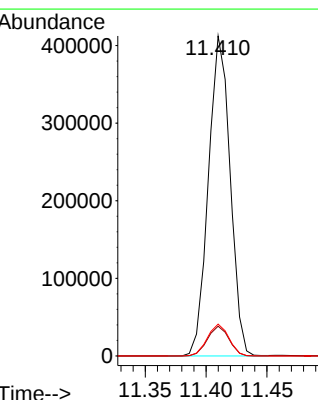
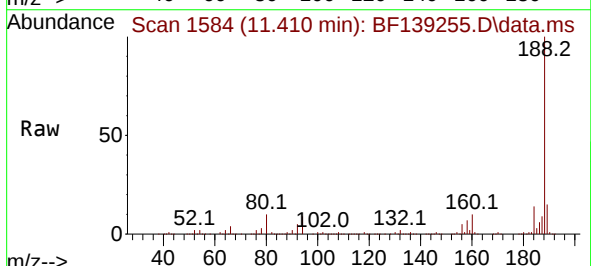
RT: 11.410 min Scan# 1584

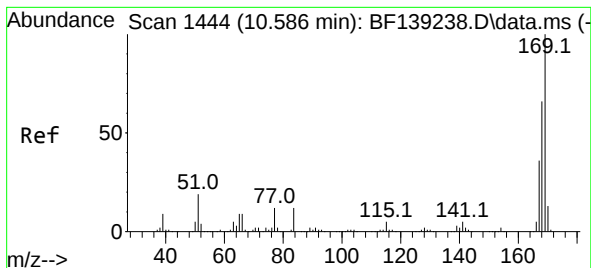
Delta R.T. -0.006 min

Lab File: BF139255.D

Acq: 05 Sep 2024 11:33

Tgt Ion:188	Resp: 513314
Ion Ratio	Lower Upper
188 100	
94 9.3	7.0 10.4
80 9.9	7.3 10.9





#66

n-Nitrosodiphenylamine

Concen: 4.712 ng

RT: 10.580 min Scan# 1444

Delta R.T. -0.006 min

Lab File: BF139255.D

Acq: 05 Sep 2024 11:33

Instrument :

BNA_F

ClientSampleId :

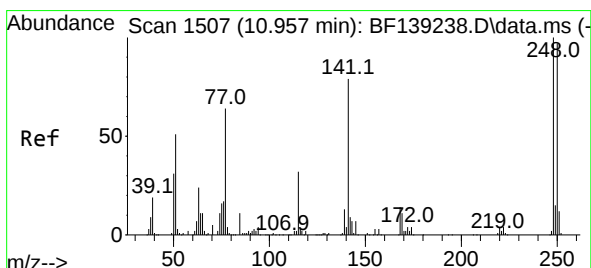
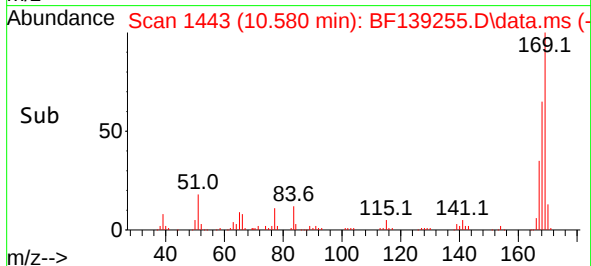
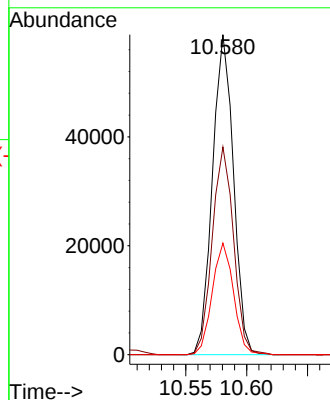
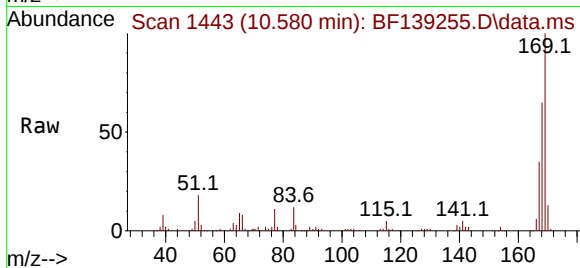
LOQ-WATER-02-QT2-2024

Tgt Ion:169	Resp:	7040
Ion Ratio	Lower	Upper
169	100	
168	64.9	53.0 79.6
167	34.8	29.0 43.6

Manual Integrations

APPROVED

Reviewed By :Jagrut Upadhyay 09/06/2024
Supervised By :mohammad ahmed 09/07/2024



#67

4-Bromophenyl-phenylether

Concen: 4.503 ng

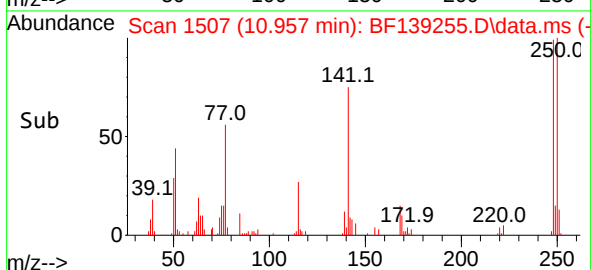
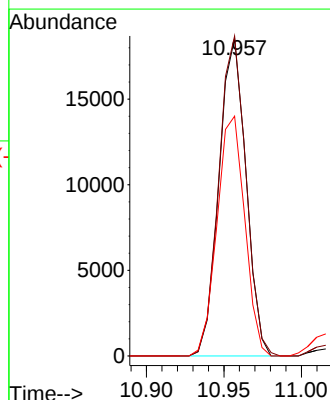
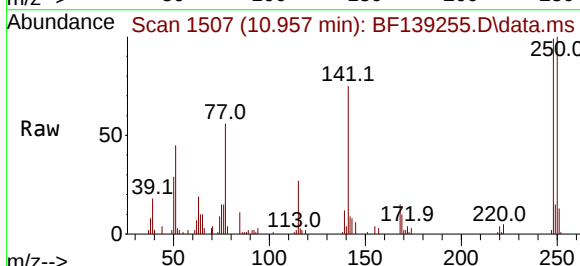
RT: 10.957 min Scan# 1507

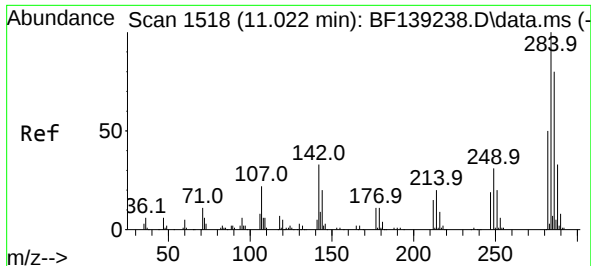
Delta R.T. -0.000 min

Lab File: BF139255.D

Acq: 05 Sep 2024 11:33

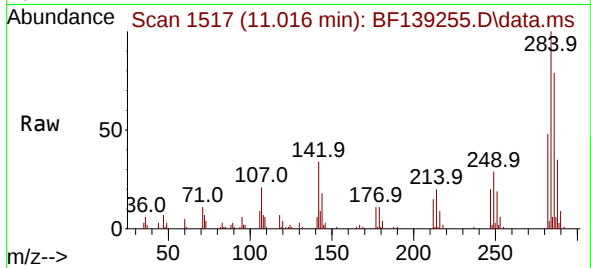
Tgt Ion:248	Resp:	22428
Ion Ratio	Lower	Upper
248	100	
250	100.7	77.2 115.8
141	75.5	63.6 95.4





#68
Hexachlorobenzene
Concen: 4.570 ng
RT: 11.016 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF139255.D
Acq: 05 Sep 2024 11:33

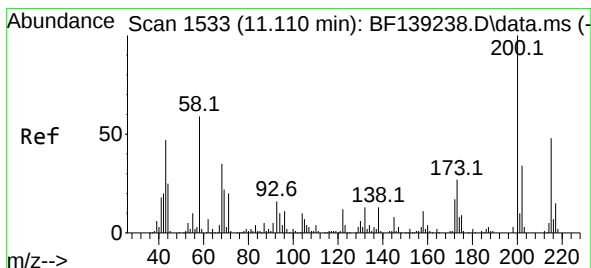
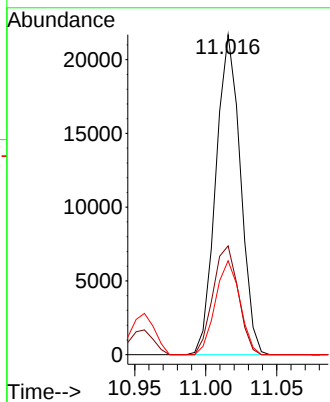
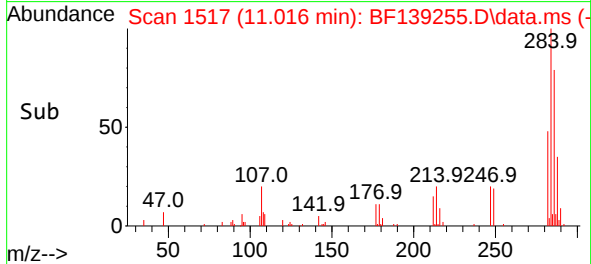
Instrument :
BNA_F
ClientSampleId :
LOQ-WATER-02-QT2-2024



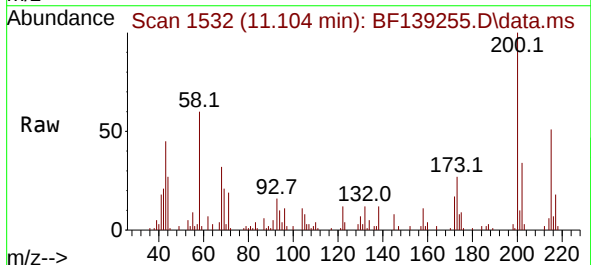
Tgt Ion:284 Resp: 26058
Ion Ratio Lower Upper
284 100
142 34.0 26.5 39.7
249 29.3 24.8 37.2

Manual Integrations
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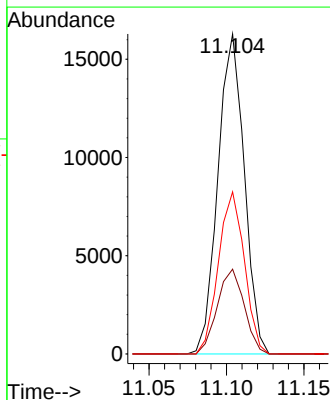
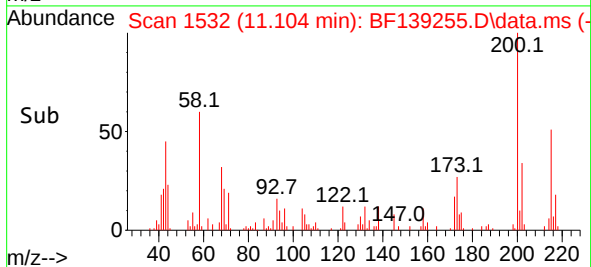
Reviewed By :Jagrut Upadhyay 09/06/2024
Supervised By :mohammad ahmed 09/07/2024

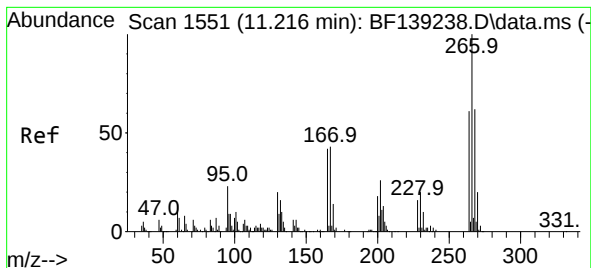


#69
Atrazine
Concen: 5.583 ng
RT: 11.104 min Scan# 1532
Delta R.T. -0.006 min
Lab File: BF139255.D
Acq: 05 Sep 2024 11:33



Tgt Ion:200 Resp: 19245
Ion Ratio Lower Upper
200 100
173 26.5 7.1 47.1
215 50.7 28.5 68.5





#70

Pentachlorophenol

Concen: 2.479 ng

RT: 11.210 min Scan# 1551

Delta R.T. -0.006 min

Lab File: BF139255.D

Acq: 05 Sep 2024 11:33

Instrument :

BNA_F

ClientSampleId :

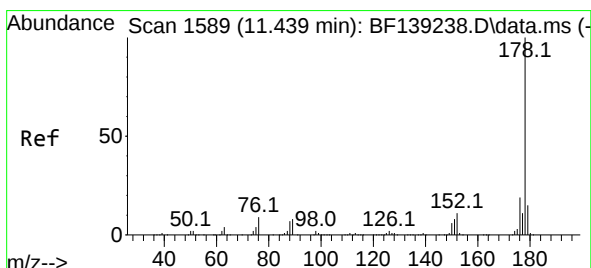
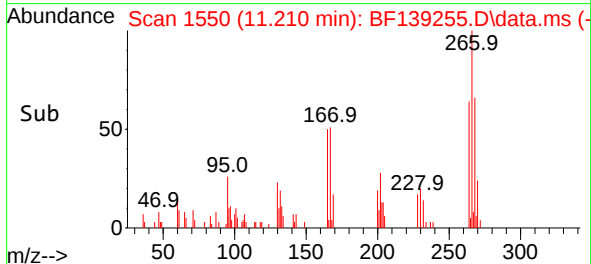
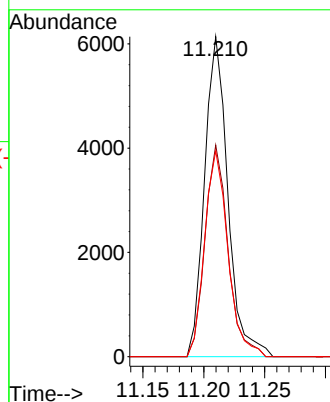
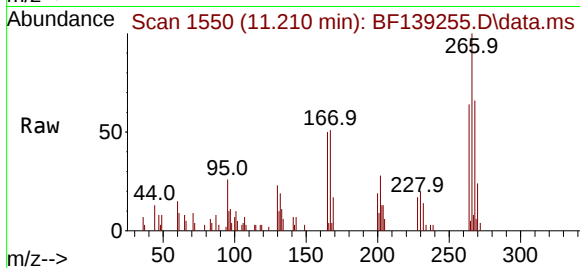
LOQ-WATER-02-QT2-2024

Tgt Ion:266	Resp:	816
Ion Ratio	Lower	Upper
266	100	
268	66.1	49.7 74.5
264	64.3	49.2 73.8

Manual Integrations

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Reviewed By :Jagrut Upadhyay 09/06/2024
Supervised By :mohammad ahmed 09/07/2024



#71

Phenanthrene

Concen: 4.871 ng

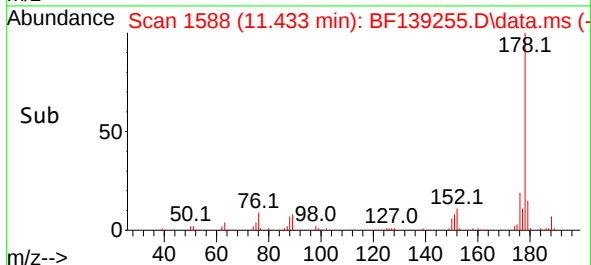
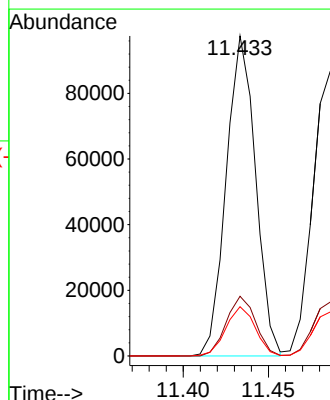
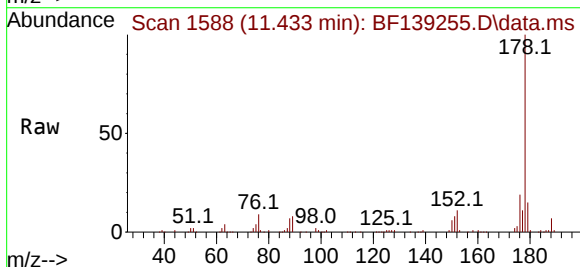
RT: 11.433 min Scan# 1588

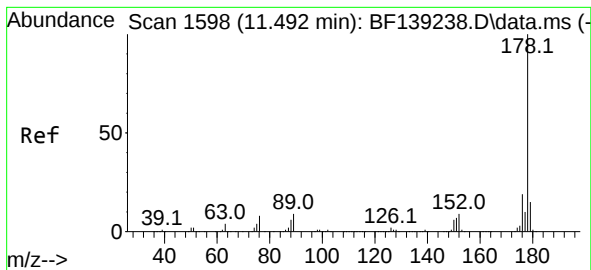
Delta R.T. -0.006 min

Lab File: BF139255.D

Acq: 05 Sep 2024 11:33

Tgt Ion:178	Resp:	116800
Ion Ratio	Lower	Upper
178	100	
176	18.7	15.4 23.0
179	15.4	12.3 18.5





#72

Anthracene

Concen: 4.576 ng

RT: 11.486 min Scan# 11

Delta R.T. -0.006 min

Lab File: BF139255.D

Acq: 05 Sep 2024 11:33

Instrument :

BNA_F

ClientSampleId :

LOQ-WATER-02-QT2-2024

Tgt Ion:178 Resp: 10719

Ion Ratio Lower Upper

178 100

176 18.9 15.0 22.4

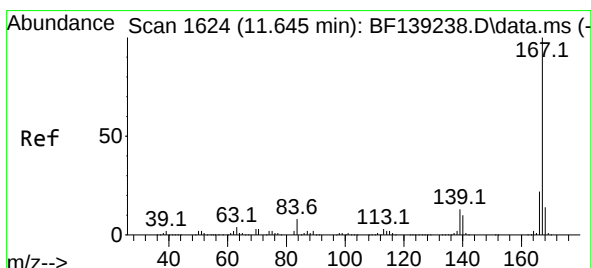
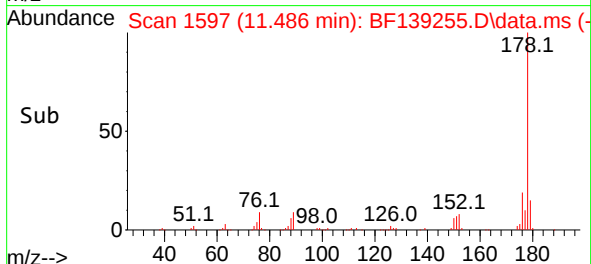
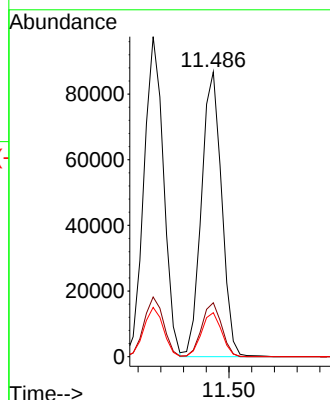
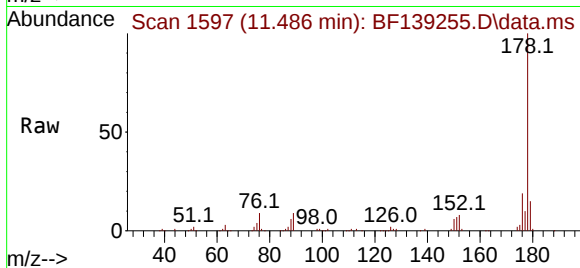
179 15.4 12.3 18.5

Manual Integrations

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Reviewed By :Jagrut Upadhyay 09/06/2024

Supervised By :mohammad ahmed 09/07/2024



#73

Carbazole

Concen: 4.505 ng

RT: 11.639 min Scan# 1623

Delta R.T. -0.006 min

Lab File: BF139255.D

Acq: 05 Sep 2024 11:33

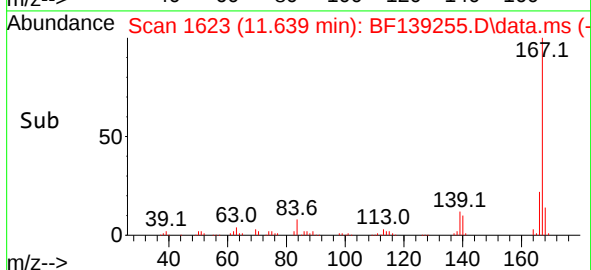
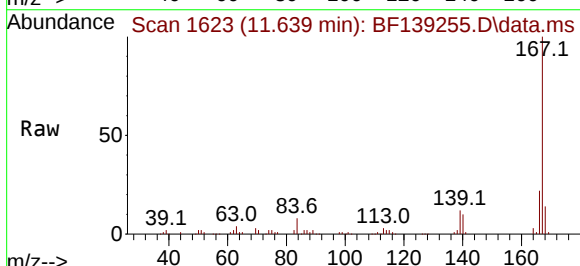
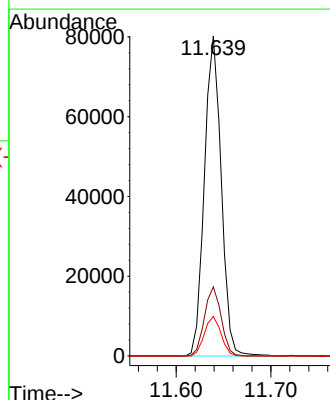
Tgt Ion:167 Resp: 98642

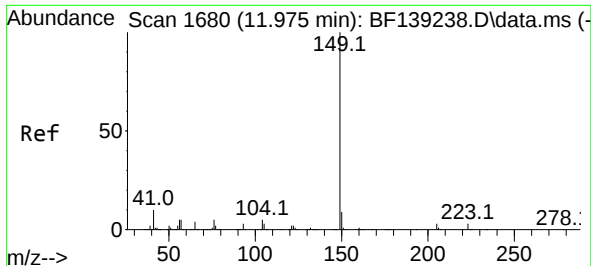
Ion Ratio Lower Upper

167 100

166 21.6 17.2 25.8

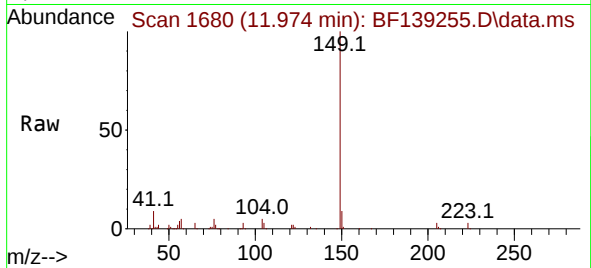
139 12.4 10.2 15.4





#74
Di-n-butylphthalate
Concen: 4.552 ng
RT: 11.974 min Scan# 1190
Delta R.T. -0.000 min
Lab File: BF139255.D
Acq: 05 Sep 2024 11:33

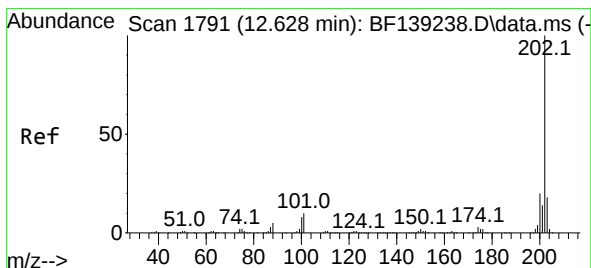
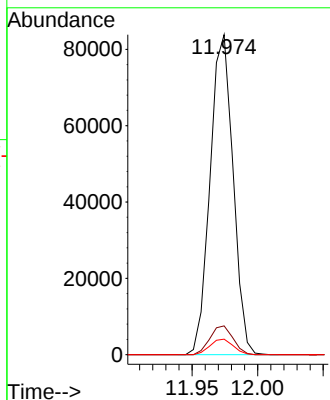
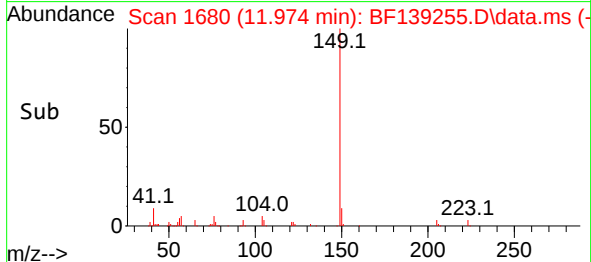
Instrument : BNA_F
ClientSampleId :
LOQ-WATER-02-QT2-2024



Tgt Ion:149 Resp: 102030
Ion Ratio Lower Upper
149 100
150 9.0 7.5 11.3
104 4.9 3.9 5.9

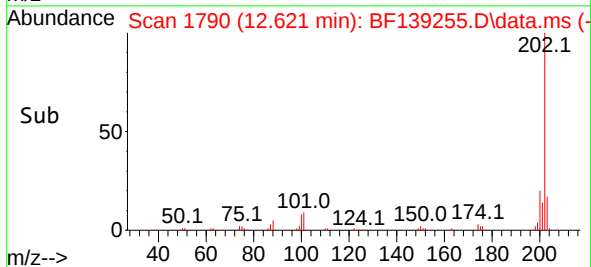
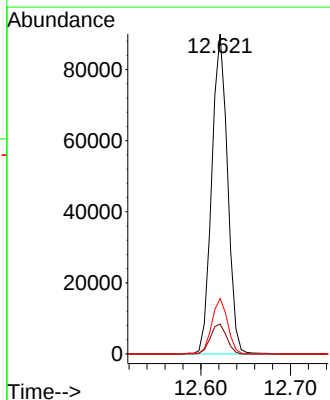
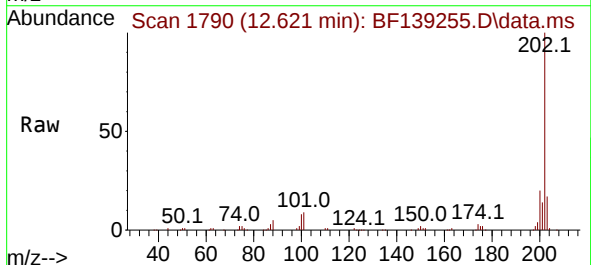
Manual Integrations
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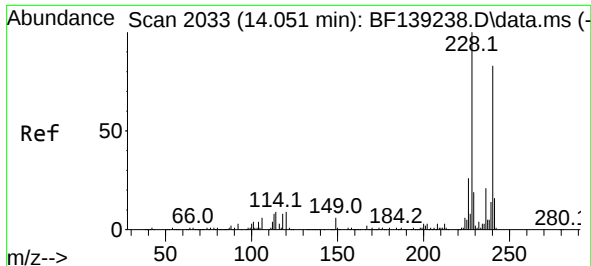
Reviewed By :Jagrut Upadhyay 09/06/2024
Supervised By :mohammad ahmed 09/07/2024



#75
Fluoranthene
Concen: 4.577 ng
RT: 12.621 min Scan# 1790
Delta R.T. -0.006 min
Lab File: BF139255.D
Acq: 05 Sep 2024 11:33

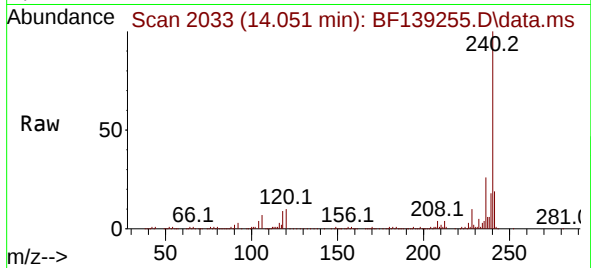
Tgt Ion:202 Resp: 110028
Ion Ratio Lower Upper
202 100
101 9.4 0.0 29.9
203 17.3 0.0 37.7





#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.051 min Scan# 2033
Delta R.T. -0.000 min
Lab File: BF139255.D
Acq: 05 Sep 2024 11:33

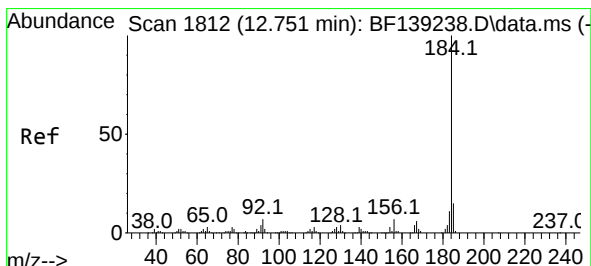
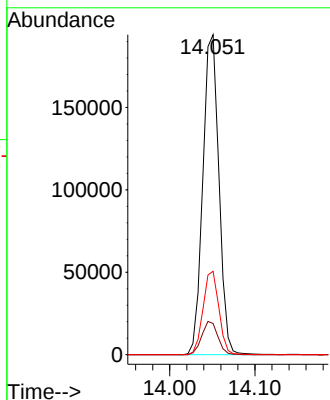
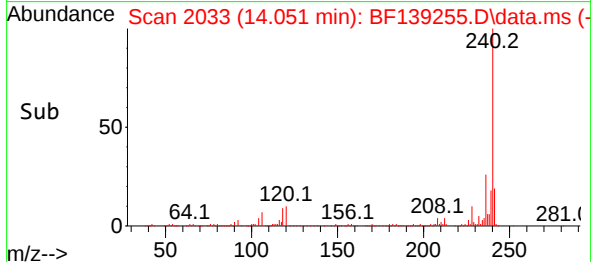
Instrument :
BNA_F
ClientSampleId :
LOQ-WATER-02-QT2-2024



Tgt Ion:240 Resp: 25477
Ion Ratio Lower Upper
240 100
120 9.7 8.6 12.8
236 26.1 20.7 31.1

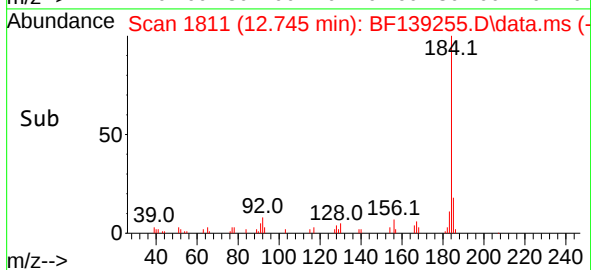
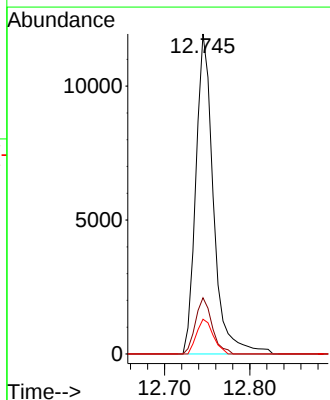
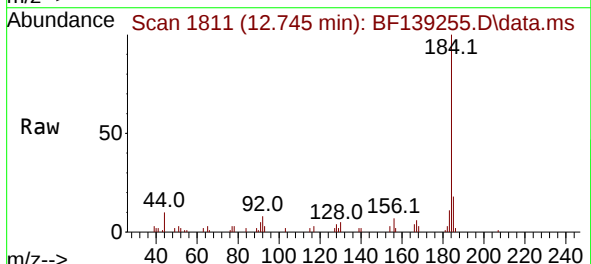
Manual Integrations
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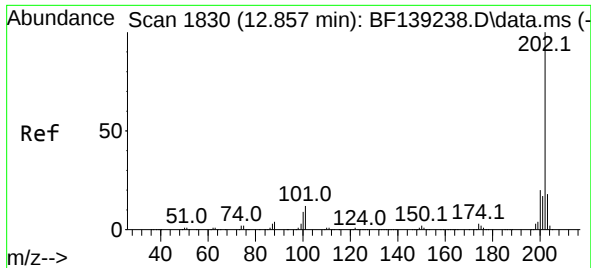
Reviewed By :Jagrut Upadhyay 09/06/2024
Supervised By :mohammad ahmed 09/07/2024



#77
Benzidine
Concen: 3.346 ng
RT: 12.745 min Scan# 1811
Delta R.T. -0.006 min
Lab File: BF139255.D
Acq: 05 Sep 2024 11:33

Tgt Ion:184 Resp: 17164
Ion Ratio Lower Upper
184 100
185 17.5 11.9 17.9
183 10.9 8.8 13.2





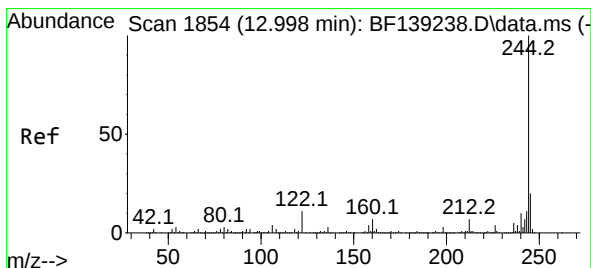
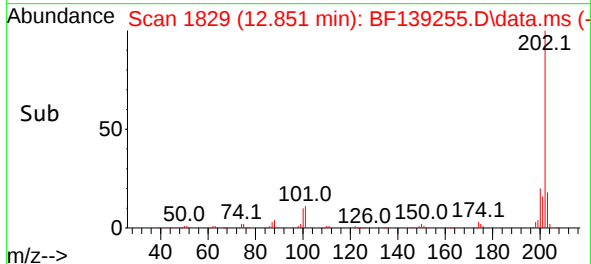
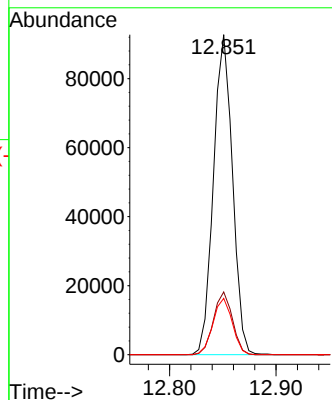
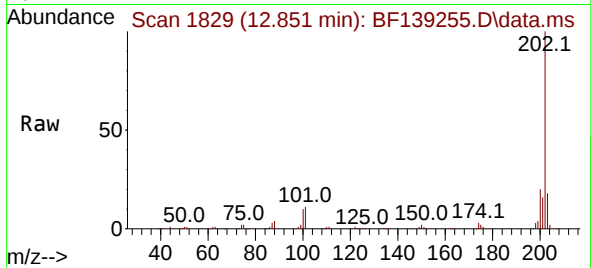
#78
Pyrene
Concen: 4.674 ng
RT: 12.851 min Scan# 1829
Delta R.T. -0.006 min
Lab File: BF139255.D
Acq: 05 Sep 2024 11:33

Instrument : BNA_F
ClientSampleId : LOQ-WATER-02-QT2-2024

Tgt Ion:202 Resp: 115036
Ion Ratio Lower Upper
202 100
200 19.6 15.8 23.8
203 17.6 14.1 21.1

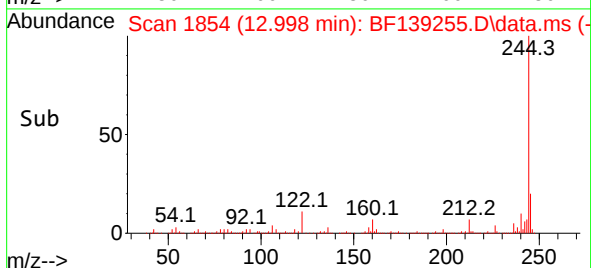
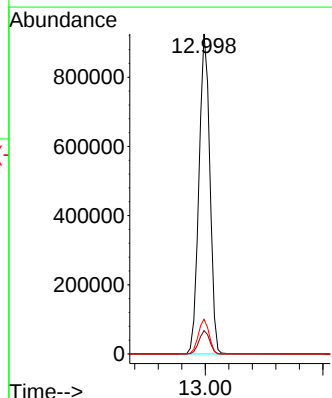
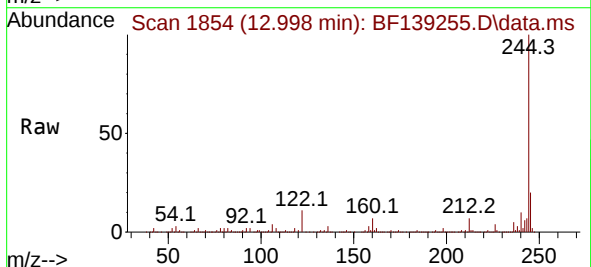
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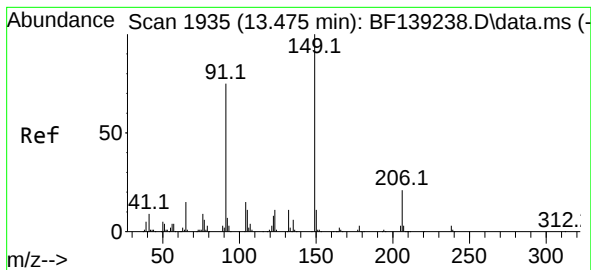
Reviewed By :Jagrut Upadhyay 09/06/2024
Supervised By :mohammad ahmed 09/07/2024



#79
Terphenyl-d14
Concen: 75.318 ng
RT: 12.998 min Scan# 1854
Delta R.T. -0.000 min
Lab File: BF139255.D
Acq: 05 Sep 2024 11:33

Tgt Ion:244 Resp: 1188496
Ion Ratio Lower Upper
244 100
212 7.3 5.9 8.9
122 10.9 8.7 13.1





#80

Butylbenzylphthalate

Concen: 4.053 ng

RT: 13.474 min Scan# 1935

Delta R.T. -0.000 min

Lab File: BF139255.D

Acq: 05 Sep 2024 11:33

Instrument :

BNA_F

ClientSampleId :

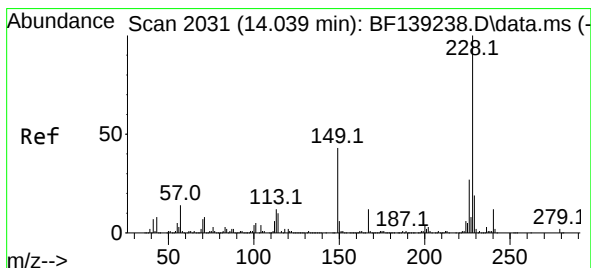
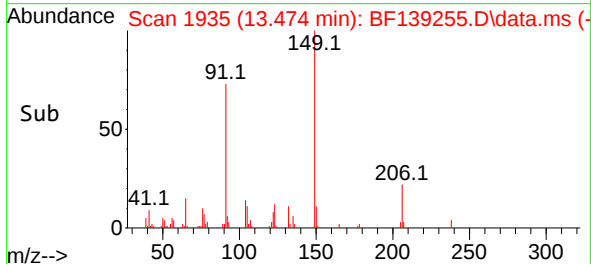
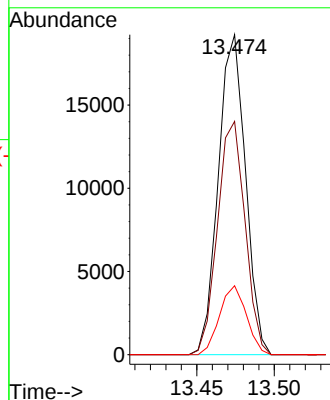
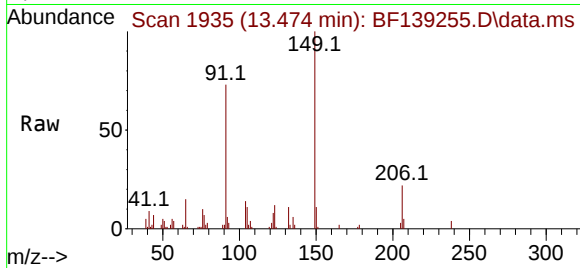
LOQ-WATER-02-QT2-2024

Tgt Ion:	149	Resp:	23484
Ion Ratio	Lower	Upper	
149	100		
91	72.9	60.3	90.5
206	21.5	16.7	25.1

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Reviewed By :Jagrut Upadhyay 09/06/2024
Supervised By :mohammad ahmed 09/07/2024



#81

Benzo(a)anthracene

Concen: 4.646 ng

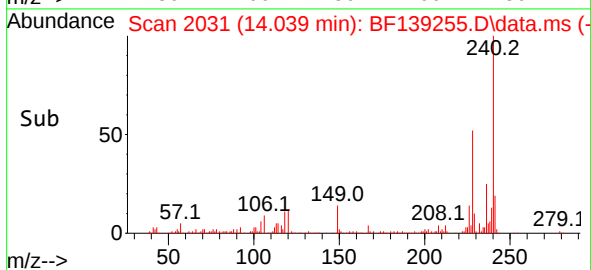
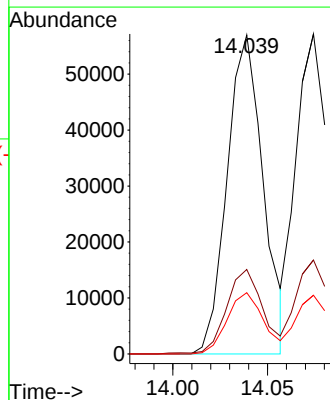
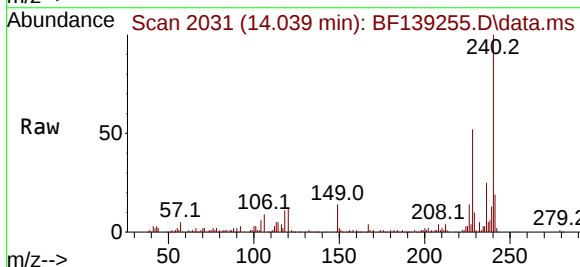
RT: 14.039 min Scan# 2031

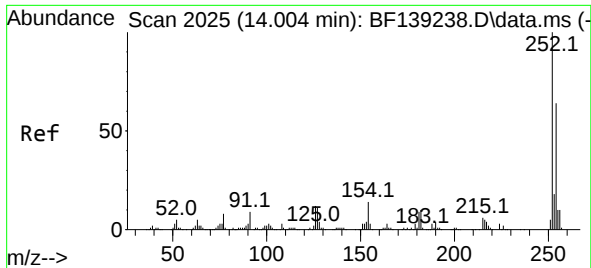
Delta R.T. -0.000 min

Lab File: BF139255.D

Acq: 05 Sep 2024 11:33

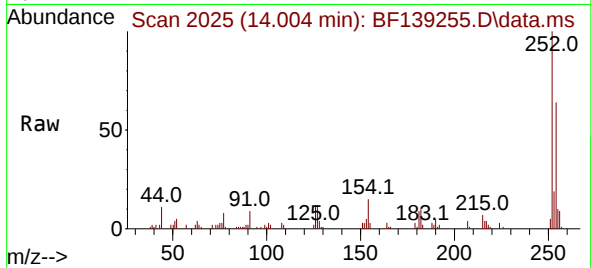
Tgt Ion:	228	Resp:	75582
Ion Ratio	Lower	Upper	
228	100		
226	26.5	21.5	32.3
229	19.2	15.6	23.4





#82
 3,3'-Dichlorobenzidine
 Concen: 4.313 ng
 RT: 14.004 min Scan# 2025
 Delta R.T. -0.000 min
 Lab File: BF139255.D
 Acq: 05 Sep 2024 11:33

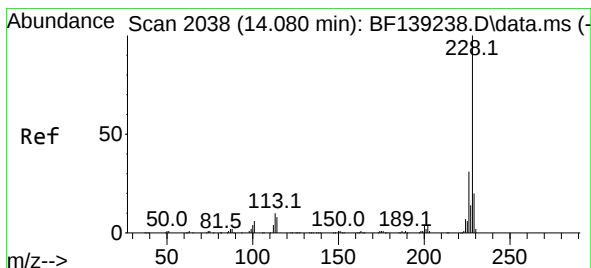
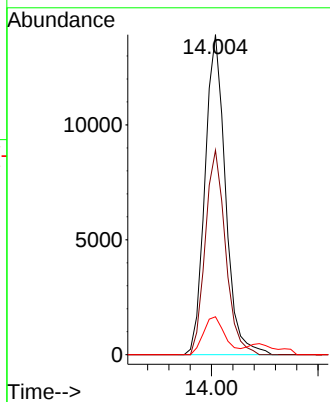
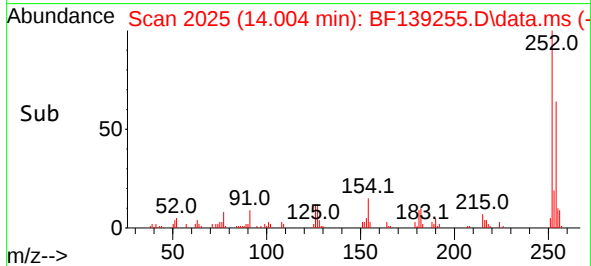
Instrument : BNA_F
 ClientSampleId :
 LOQ-WATER-02-QT2-2024



Tgt Ion:252 Resp: 1863
 Ion Ratio Lower Upper
 252 100
 254 63.9 51.5 77.3
 126 11.9 9.2 13.8

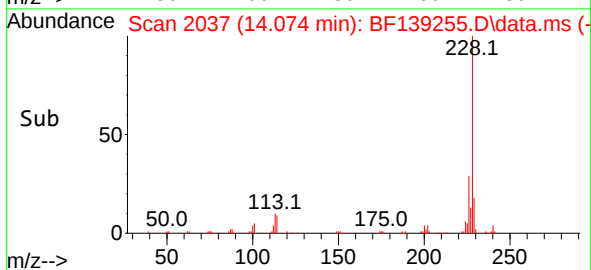
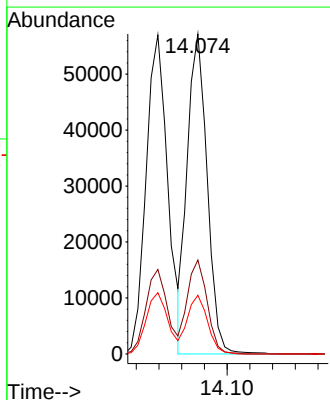
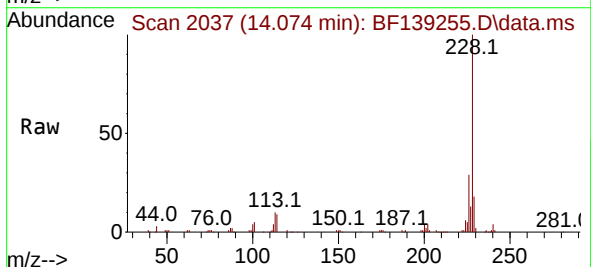
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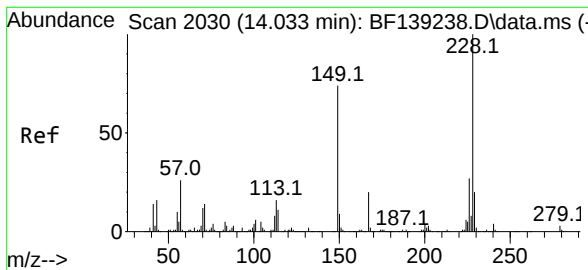
Reviewed By :Jagrut Upadhyay 09/06/2024
 Supervised By :mohammad ahmed 09/07/2024



#83
 Chrysene
 Concen: 4.594 ng
 RT: 14.074 min Scan# 2037
 Delta R.T. -0.006 min
 Lab File: BF139255.D
 Acq: 05 Sep 2024 11:33

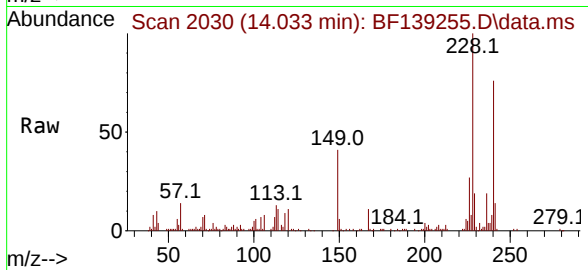
Tgt Ion:228 Resp: 69747
 Ion Ratio Lower Upper
 228 100
 226 29.3 23.8 35.8
 229 18.4 15.8 23.6





#84
Bis(2-ethylhexyl)phthalate
Concen: 3.719 ng
RT: 14.033 min Scan# 2030
Delta R.T. -0.000 min
Lab File: BF139255.D
Acq: 05 Sep 2024 11:33

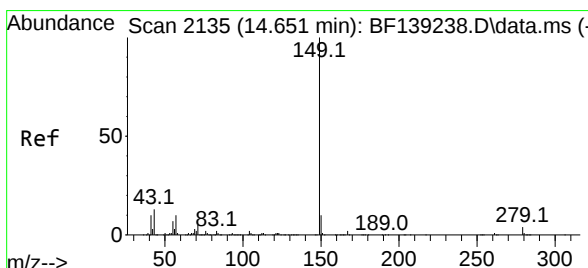
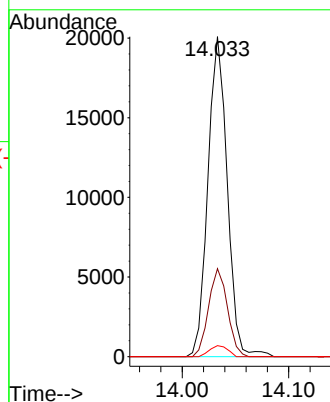
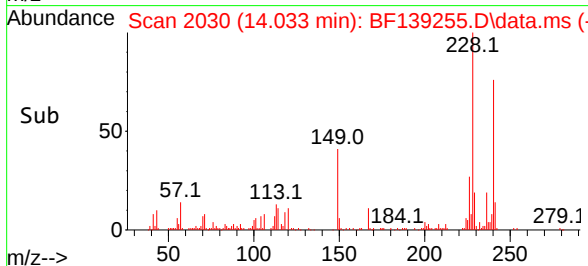
Instrument : BNA_F
ClientSampleId :
LOQ-WATER-02-QT2-2024



Tgt Ion:149 Resp: 25289
Ion Ratio Lower Upper
149 100
167 27.5 21.8 32.6
279 3.4 3.0 4.6

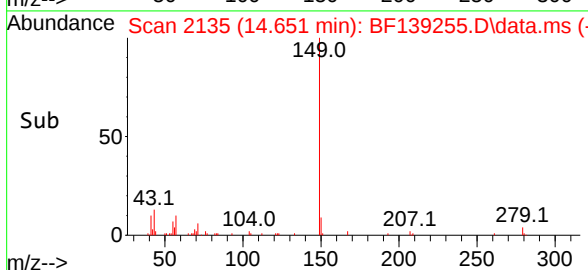
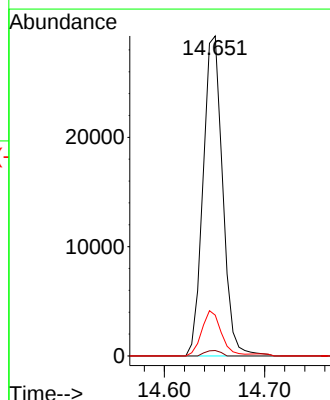
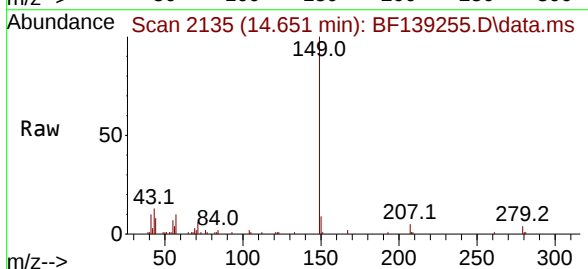
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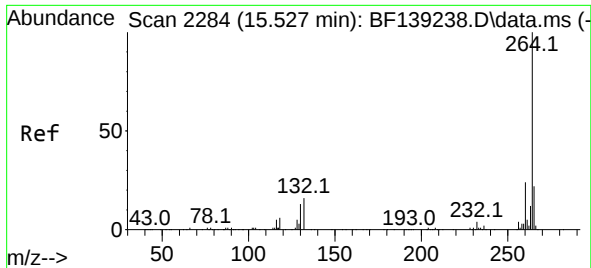
Reviewed By :Jagrut Upadhyay 09/06/2024
Supervised By :mohammad ahmed 09/07/2024



#85
Di-n-octyl phthalate
Concen: 3.055 ng
RT: 14.651 min Scan# 2135
Delta R.T. -0.000 min
Lab File: BF139255.D
Acq: 05 Sep 2024 11:33

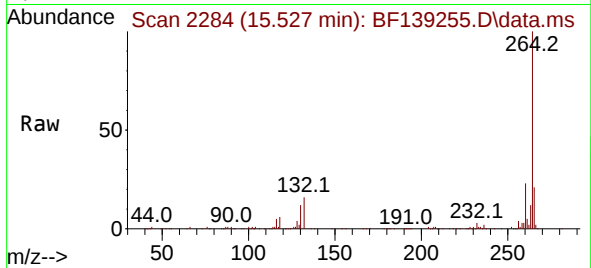
Tgt Ion:149 Resp: 39781
Ion Ratio Lower Upper
149 100
167 1.4 1.3 1.9
43 14.3 10.9 16.3





#86
Perylene-d12
Concen: 20.000 ng
RT: 15.527 min Scan# 21
Delta R.T. -0.000 min
Lab File: BF139255.D
Acq: 05 Sep 2024 11:33

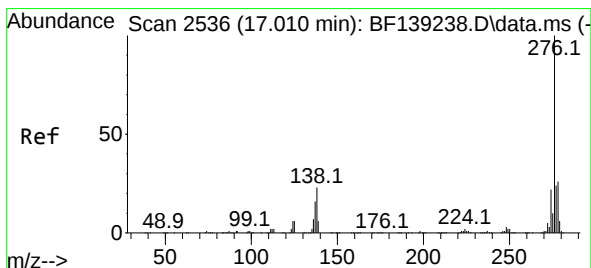
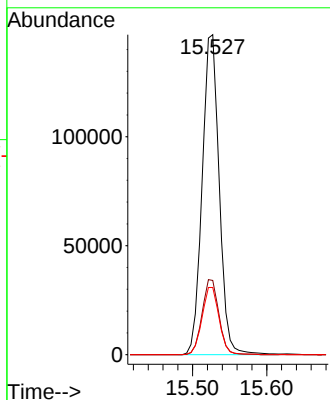
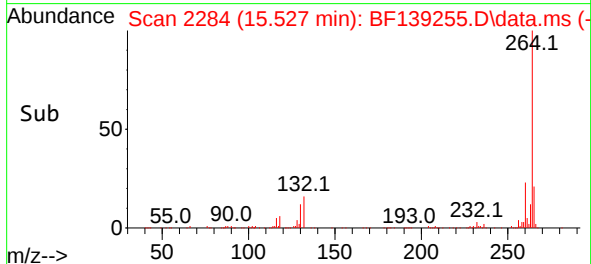
Instrument :
BNA_F
ClientSampleId :
LOQ-WATER-02-QT2-2024



Tgt Ion:264 Resp: 234694
Ion Ratio Lower Upper
264 100
260 23.2 18.8 28.2
265 21.0 17.3 25.9

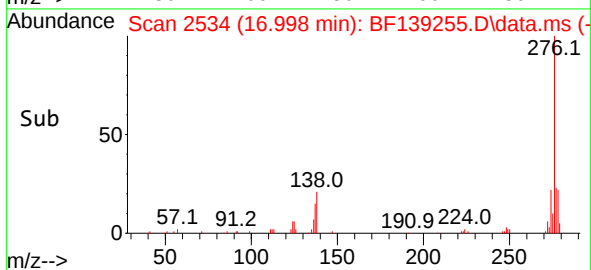
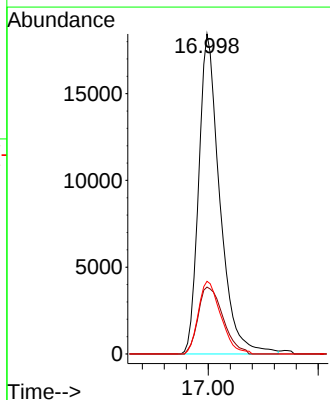
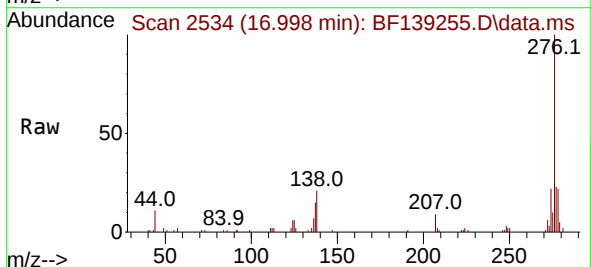
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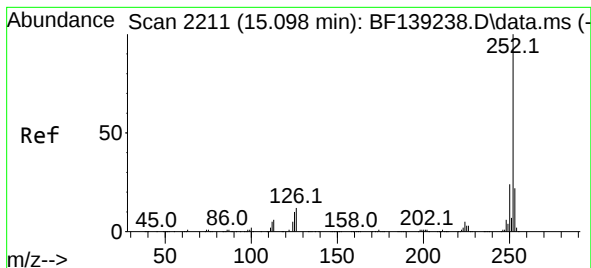
Reviewed By :Jagrut Upadhyay 09/06/2024
Supervised By :mohammad ahmed 09/07/2024



#87
Indeno(1,2,3-cd)pyrene
Concen: 3.347 ng
RT: 16.998 min Scan# 2534
Delta R.T. -0.012 min
Lab File: BF139255.D
Acq: 05 Sep 2024 11:33

Tgt Ion:276 Resp: 49073
Ion Ratio Lower Upper
276 100
138 24.7 20.4 30.6
277 24.2 20.3 30.5





#88

Benzo(b)fluoranthene

Concen: 4.292 ng

RT: 15.092 min Scan# 2115

Delta R.T. -0.006 min

Lab File: BF139255.D

Acq: 05 Sep 2024 11:33

Instrument :

BNA_F

ClientSampleId :

LOQ-WATER-02-QT2-2024

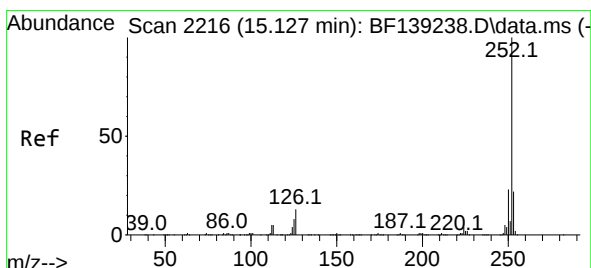
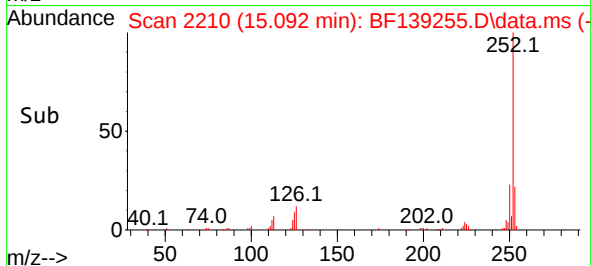
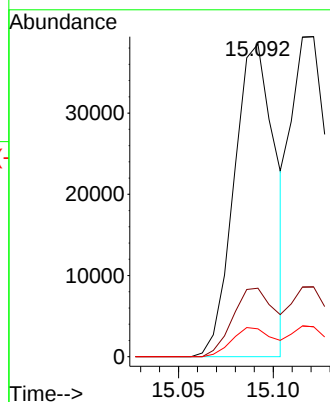
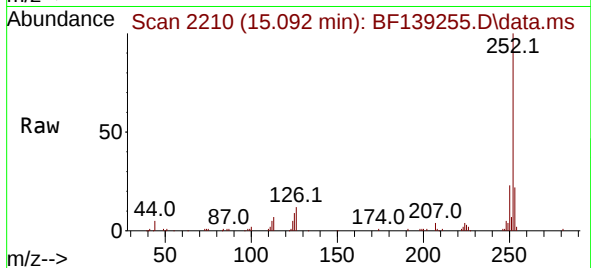
Tgt Ion:252 Resp: 58000

Ion	Ratio	Lower	Upper
252	100		
253	21.9	17.6	26.4
125	8.9	7.6	11.4

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Reviewed By :Jagrut Upadhyay 09/06/2024
Supervised By :mohammad ahmed 09/07/2024



#89

Benzo(k)fluoranthene

Concen: 4.718 ng

RT: 15.121 min Scan# 2215

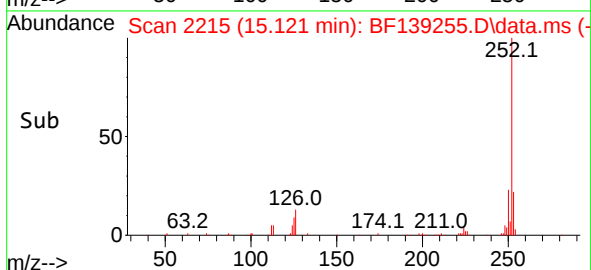
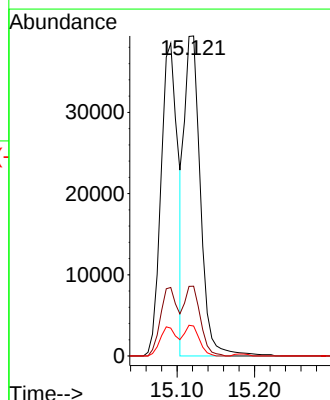
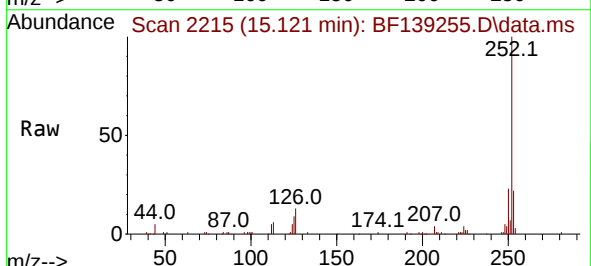
Delta R.T. -0.006 min

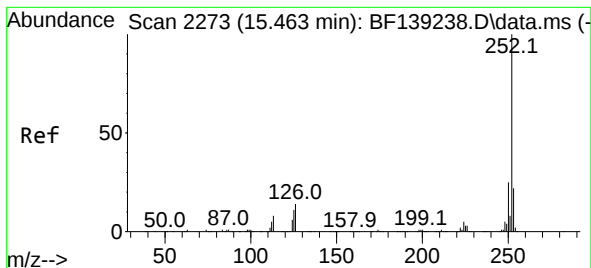
Lab File: BF139255.D

Acq: 05 Sep 2024 11:33

Tgt Ion:252 Resp: 57179

Ion	Ratio	Lower	Upper
252	100		
253	21.8	17.6	26.4
125	9.4	7.2	10.8





#90

Benzo(a)pyrene

Concen: 4.399 ng

RT: 15.457 min Scan# 21

Delta R.T. -0.006 min

Lab File: BF139255.D

Acq: 05 Sep 2024 11:33

Instrument :

BNA_F

ClientSampleId :

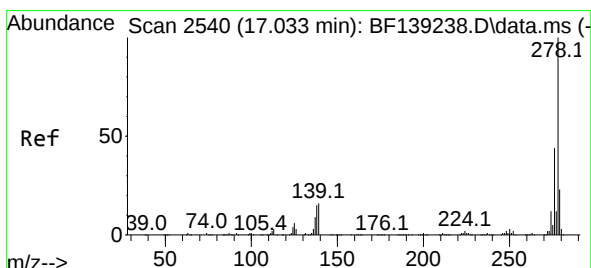
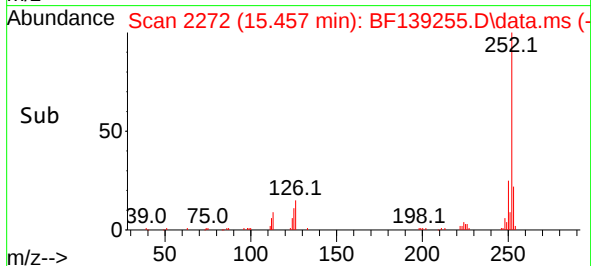
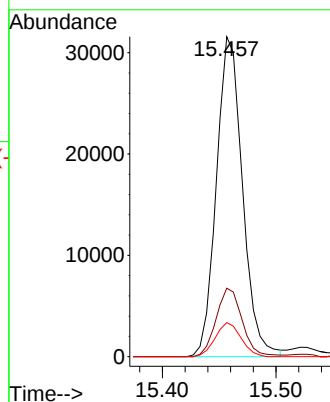
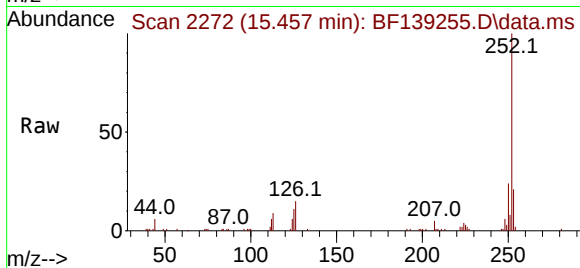
LOQ-WATER-02-QT2-2024

Tgt Ion:252	Resp:	50480
Ion Ratio	Lower	Upper
252	100	
253	21.4	17.5 26.3
125	10.7	8.6 13.0

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Reviewed By :Jagrut Upadhyay 09/06/2024
Supervised By :mohammad ahmed 09/07/2024



#91

Dibenzo(a,h)anthracene

Concen: 3.289 ng

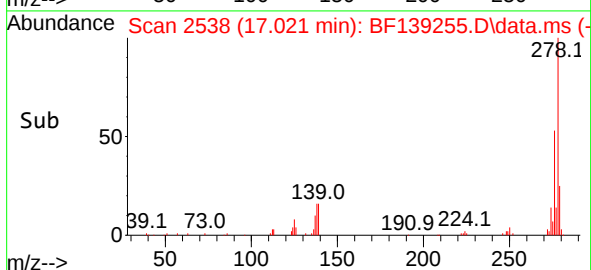
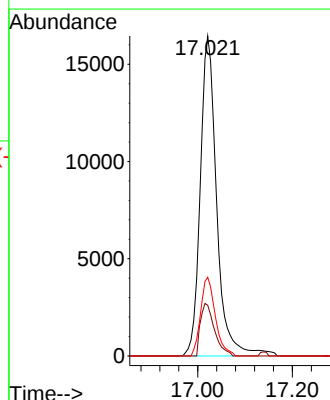
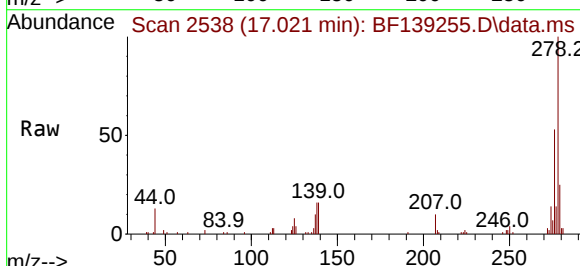
RT: 17.021 min Scan# 2538

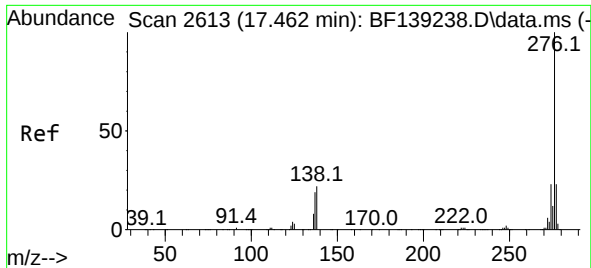
Delta R.T. -0.012 min

Lab File: BF139255.D

Acq: 05 Sep 2024 11:33

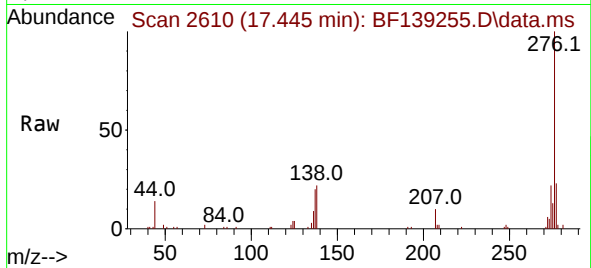
Tgt Ion:278	Resp:	39743
Ion Ratio	Lower	Upper
278	100	
139	15.9	12.6 19.0
279	24.6	18.6 28.0





#92
 Benzo(g,h,i)perylene
 Concen: 3.213 ng
 RT: 17.445 min Scan# 20
 Delta R.T. -0.018 min
 Lab File: BF139255.D
 Acq: 05 Sep 2024 11:33

Instrument : BNA_F
 ClientSampleId :
 LOQ-WATER-02-QT2-2024



Tgt Ion:	276	Resp:	4007
Ion Ratio	Lower	Upper	
276	100		
277	23.1	18.6	27.8
138	22.0	17.4	26.0

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 APPROVED

Reviewed By :Jagrut Upadhyay 09/06/2024
 Supervised By :mohammad ahmed 09/07/2024

