

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF081924\
 Data File : BF139070.D
 Acq On : 19 Aug 2024 12:32
 Operator : RC/JU
 Sample : P3390-09
 Misc : MDL-MDL-WATER-4PPM
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 MDL-WATER-03-QT3-2024

Quant Time: Aug 19 13:01:46 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF073024.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Jul 30 17:50:01 2024
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By :Jagrut Upadhyay 08/20/2024
 Supervised By :mohammad ahmed 08/21/2024

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.834	152	46349	20.000	ng	-0.01
21) Naphthalene-d8	8.116	136	191449	20.000	ng	-0.01
39) Acenaphthene-d10	9.869	164	111978	20.000	ng	-0.01
64) Phenanthrene-d10	11.357	188	201770	20.000	ng	-0.01
76) Chrysene-d12	13.998	240	107829	20.000	ng	0.00
86) Perylene-d12	15.468	264	86303	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.469	112	388430	129.366	ng	0.00
7) Phenol-d6	6.487	99	528050	130.989	ng	0.00
23) Nitrobenzene-d5	7.404	82	353866	90.369	ng	0.00
42) 2,4,6-Tribromophenol	10.663	330	124985	136.261	ng	0.00
45) 2-Fluorobiphenyl	9.192	172	655343	87.933	ng	-0.01
79) Terphenyl-d14	12.939	244	645129	100.170	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	2.581	88	4767	3.626	ng	95
3) Pyridine	3.469	79	9177m	2.882	ng	
4) n-Nitrosodimethylamine	3.334	42	8374m	4.415	ng	
6) Aniline	6.510	93	17287	4.808	ng	93
8) 2-Chlorophenol	6.628	128	13572	4.296	ng	88
9) Benzaldehyde	6.404	77	11941	4.941	ng	98
10) Phenol	6.498	94	17478	4.118	ng	# 37
11) bis(2-Chloroethyl)ether	6.575	93	13818	4.231	ng	96
12) 1,3-Dichlorobenzene	6.775	146	13916	3.935	ng	99
13) 1,4-Dichlorobenzene	6.851	146	13650	3.825	ng	93
14) 1,2-Dichlorobenzene	7.004	146	14123	4.235	ng	95
15) Benzyl Alcohol	6.992	79	11790	4.058	ng	# 65
16) 2,2'-oxybis(1-Chloropr...	7.104	45	23719	4.220	ng	52
17) 2-Methylphenol	7.110	107	10466	4.012	ng	# 76
18) Hexachloroethane	7.340	117	5859	4.362	ng	97
19) n-Nitroso-di-n-propyla...	7.245	70	10450	4.292	ng	96
20) 3+4-Methylphenols	7.269	107	14328	4.281	ng	# 53
22) Acetophenone	7.251	105	20173	4.303	ng	# 95
24) Nitrobenzene	7.422	77	17184	4.313	ng	100
25) Isophorone	7.657	82	27822	4.161	ng	99
26) 2-Nitrophenol	7.745	139	6571	3.833	ng	# 88
27) 2,4-Dimethylphenol	7.787	122	7185	3.503	ng	94
28) bis(2-Chloroethoxy)met...	7.869	93	15872	3.898	ng	98
29) 2,4-Dichlorophenol	8.010	162	9627	3.653	ng	91
30) 1,2,4-Trichlorobenzene	8.057	180	12222	4.018	ng	97
31) Naphthalene	8.139	128	41212	4.090	ng	99
32) Benzoic acid	7.963	122	1457m	0.904	ng	
33) 4-Chloroaniline	8.204	127	15706	4.643	ng	99
34) Hexachlorobutadiene	8.245	225	7493	4.067	ng	97
35) Caprolactam	8.545	113	2964	3.769	ng	# 91
36) 4-Chloro-3-methylphenol	8.692	107	12209	4.053	ng	99
37) 2-Methylnaphthalene	8.828	142	26341	4.139	ng	98
38) 1-Methylnaphthalene	8.928	142	25408	4.074	ng	100
40) 1,2,4,5-Tetrachloroben...	8.992	216	12904	4.148	ng	99
43) 2,4,6-Trichlorophenol	9.122	196	6322	3.333	ng	96
44) 2,4,5-Trichlorophenol	9.181	196	7367	3.553	ng	# 76

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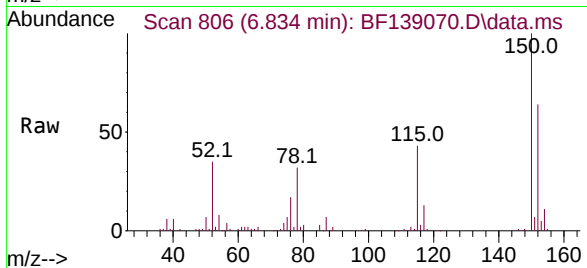
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
46) 1,1'-Biphenyl	9.286	154	37034	4.223	ng	97
47) 2-Chloronaphthalene	9.316	162	25908	3.972	ng	99
48) 2-Nitroaniline	9.428	65	8847	4.001	ng	96
49) Acenaphthylene	9.733	152	40272	4.353	ng	99
50) Dimethylphthalate	9.586	163	30590	4.272	ng	100
51) 2,6-Dinitrotoluene	9.657	165	6468	4.003	ng	# 75
52) Acenaphthene	9.898	154	25466	4.095	ng	99
53) 3-Nitroaniline	9.839	138	6480	3.879	ng	99
54) 2,4-Dinitrophenol	9.998	184	116	0.156	ng	# 16
55) Dibenzofuran	10.075	168	37913	4.319	ng	99
57) 2,4-Dinitrotoluene	10.075	165	8271	4.012	ng	# 62
58) Fluorene	10.416	166	30457	4.357	ng	99
59) 2,3,4,6-Tetrachlorophenol	10.210	232	5848m	3.689	ng	
60) Diethylphthalate	10.286	149	31282	4.608	ng	99
61) 4-Chlorophenyl-phenyle...	10.404	204	14707	4.278	ng	88
62) 4-Nitroaniline	10.451	138	5463	3.441	ng	87
63) Azobenzene	10.569	77	32981	4.380	ng	96
65) 4,6-Dinitro-2-methylph...	10.492	198	2339	1.900	ng	# 77
66) n-Nitrosodiphenylamine	10.528	169	25020	3.967	ng	99
67) 4-Bromophenyl-phenylether	10.898	248	8392	3.842	ng	95
68) Hexachlorobenzene	10.969	284	8668	3.843	ng	99
69) Atrazine	11.051	200	8812	5.415	ng	97
71) Phenanthrene	11.380	178	43058	4.144	ng	99
72) Anthracene	11.433	178	40974	4.003	ng	98
73) Carbazole	11.598	167	35302	3.998	ng	98
74) Di-n-butylphthalate	11.910	149	46172	4.651	ng	99
75) Fluoranthene	12.574	202	41546	4.283	ng	97
77) Benzidine	12.704	184	7507	2.911	ng	98
78) Pyrene	12.804	202	42862	4.222	ng	98
80) Butylbenzylphthalate	13.410	149	15877	4.884	ng	99
81) Benzo(a)anthracene	13.992	228	30318	4.083	ng	97
82) 3,3'-Dichlorobenzidine	13.957	252	7897	4.156	ng	98
83) Chrysene	14.027	228	26682	3.983	ng	97
84) Bis(2-ethylhexyl)phtha...	13.963	149	19087	4.009	ng	96
85) Di-n-octyl phthalate	14.574	149	24715	2.806	ng	# 93
87) Indeno(1,2,3-cd)pyrene	16.962	276	19928	3.222	ng	94
88) Benzo(b)fluoranthene	15.045	252	20846	3.896	ng	98
89) Benzo(k)fluoranthene	15.074	252	22520	4.862	ng	98
90) Benzo(a)pyrene	15.410	252	19162	4.258	ng	98
91) Dibenzo(a,h)anthracene	16.962	278	16262	3.203	ng	99
92) Benzo(g,h,i)perylene	17.415	276	15542	2.950	ng	94

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



#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.834 min Scan# 80
Delta R.T. -0.011 min
Lab File: BF139070.D
Acq: 19 Aug 2024 12:32

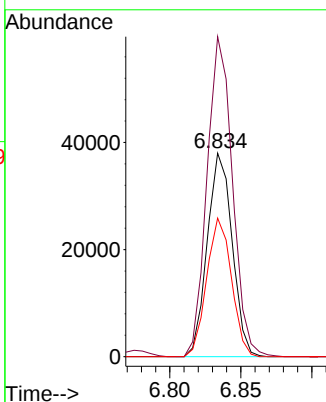
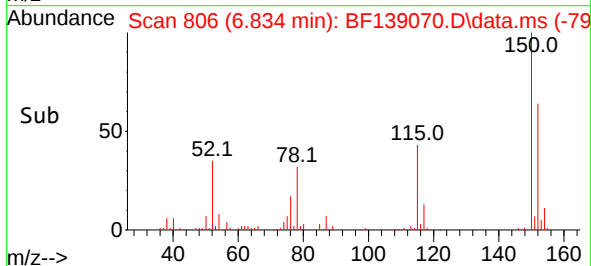
Instrument :
BNA_F
ClientSampleId :
MDL-WATER-03-QT3-2024



Tgt Ion:152 Resp: 46349
Ion Ratio Lower Upper
152 100
150 157.3 126.0 189.0
115 68.1 51.7 77.5

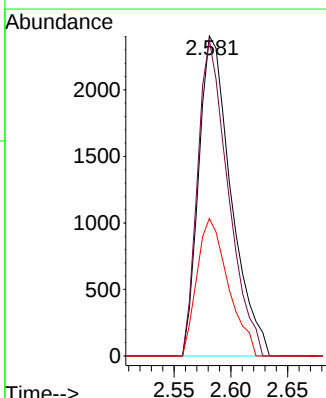
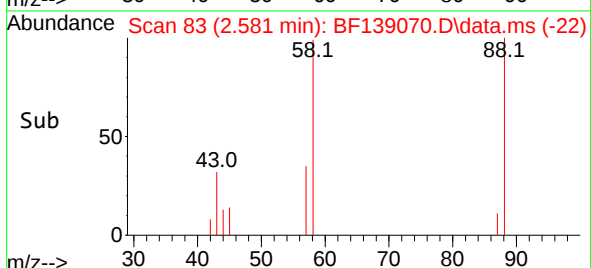
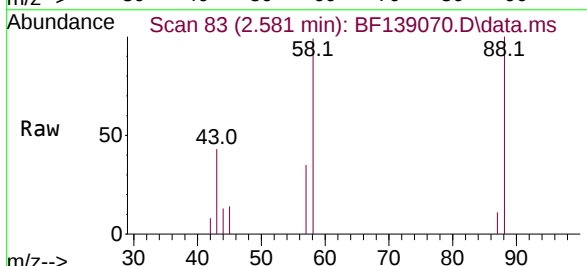
Manual Integrations
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Supervised By :mohammad ahmed 08/21/2024



#2
1,4-Dioxane
Concen: 3.626 ng
RT: 2.581 min Scan# 83
Delta R.T. 0.006 min
Lab File: BF139070.D
Acq: 19 Aug 2024 12:32

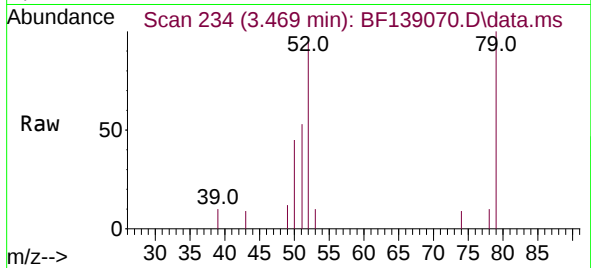
Tgt Ion: 88 Resp: 4767
Ion Ratio Lower Upper
88 100
58 93.1 71.6 107.4
43 41.4 28.7 43.1





#3
Pyridine
Concen: 2.882 ng m
RT: 3.469 min Scan# 211
Delta R.T. 0.135 min
Lab File: BF139070.D
Acq: 19 Aug 2024 12:32

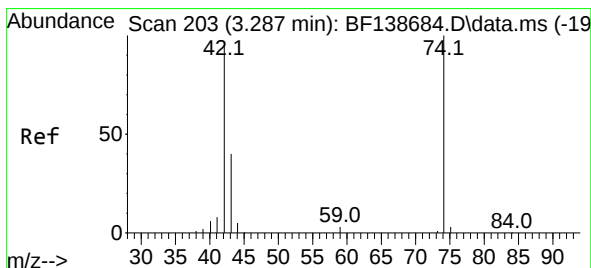
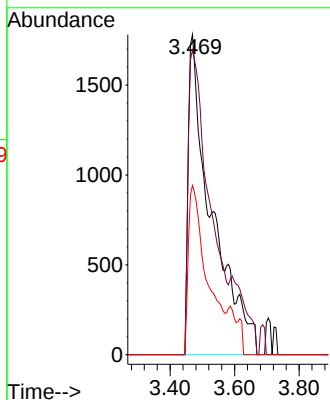
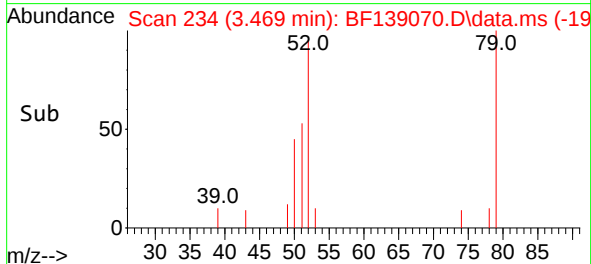
Instrument :
BNA_F
ClientSampleId :
MDL-WATER-03-QT3-2024



Tgt Ion: 79 Resp: 917
Ion Ratio Lower Upper
79 100
52 95.2 74.7 112.1
51 52.9 34.6 51.8

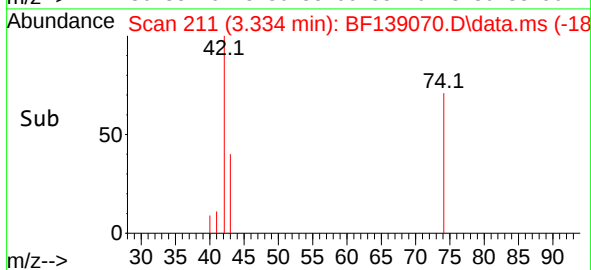
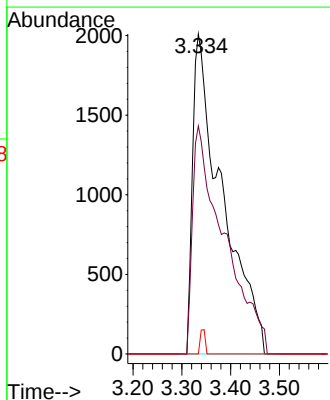
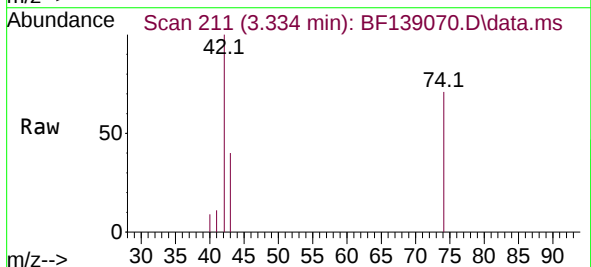
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Supervised By :mohammad ahmed 08/21/2024



#4
n-Nitrosodimethylamine
Concen: 4.415 ng m
RT: 3.334 min Scan# 211
Delta R.T. 0.047 min
Lab File: BF139070.D
Acq: 19 Aug 2024 12:32

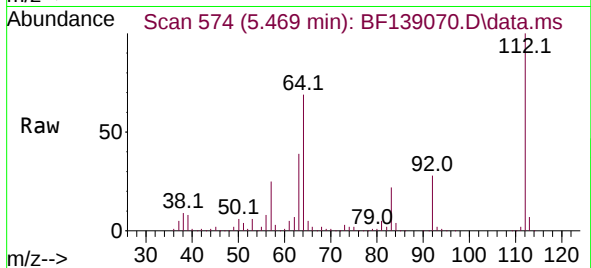
Tgt Ion: 42 Resp: 8374
Ion Ratio Lower Upper
42 100
74 71.2 84.2 126.4#
44 0.0 4.9 7.3#





#5
2-Fluorophenol
Concen: 129.366 ng
RT: 5.469 min Scan# 51
Delta R.T. 0.000 min
Lab File: BF139070.D
Acq: 19 Aug 2024 12:32

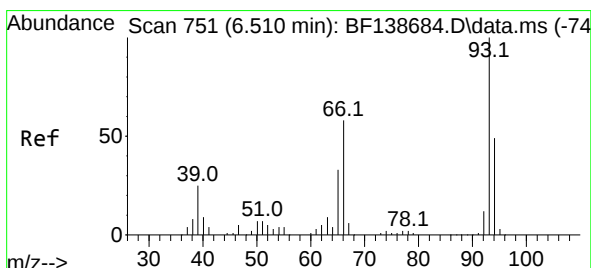
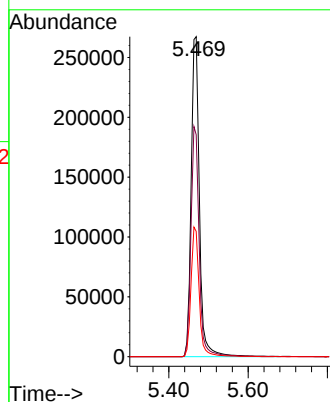
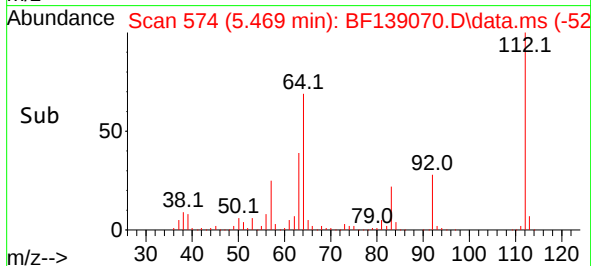
Instrument :
BNA_F
ClientSampleId :
MDL-WATER-03-QT3-2024



Tgt Ion:112 Resp: 388430
Ion Ratio Lower Upper
112 100
64 69.3 54.2 81.4
63 39.2 28.7 43.1

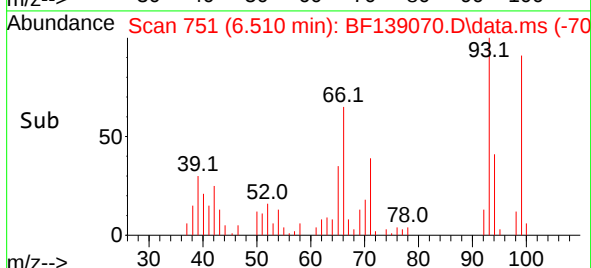
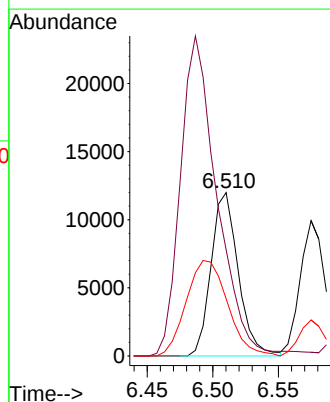
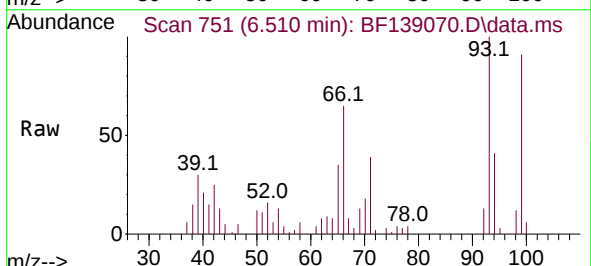
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Supervised By :mohammad ahmed 08/21/2024



#6
Aniline
Concen: 4.808 ng
RT: 6.510 min Scan# 751
Delta R.T. 0.000 min
Lab File: BF139070.D
Acq: 19 Aug 2024 12:32

Tgt Ion: 93 Resp: 17287
Ion Ratio Lower Upper
93 100
66 65.0 46.9 70.3
65 35.1 26.5 39.7





#7

Phenol-d6

Concen: 130.989 ng

RT: 6.487 min Scan# 747

Delta R.T. 0.000 min

Lab File: BF139070.D

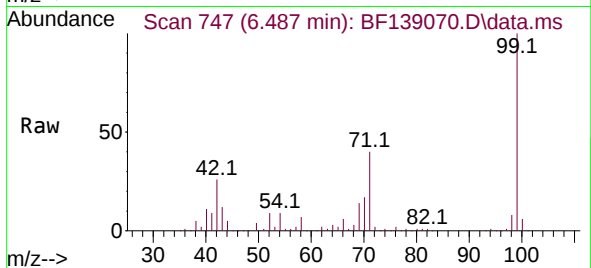
Acq: 19 Aug 2024 12:32

Instrument :

BNA_F

ClientSampleId :

MDL-WATER-03-QT3-2024

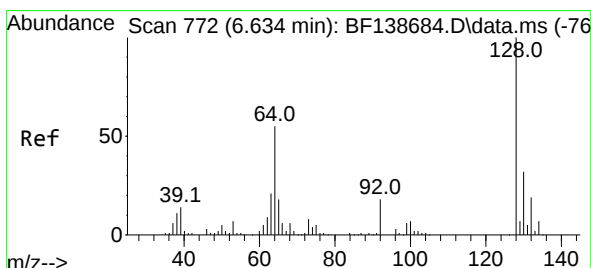
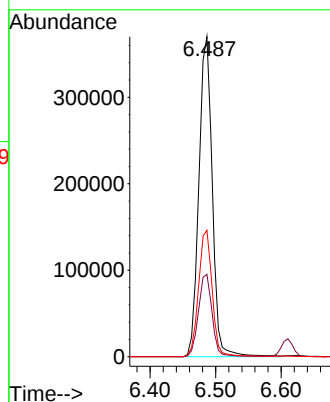
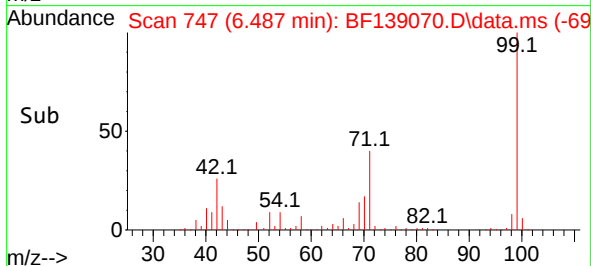


Tgt Ion: 99 Resp: 528050

Ion	Ratio	Lower	Upper
99	100		
42	25.7	17.4	26.0
71	39.5	28.1	42.1

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#8

2-Chlorophenol

Concen: 4.296 ng

RT: 6.628 min Scan# 771

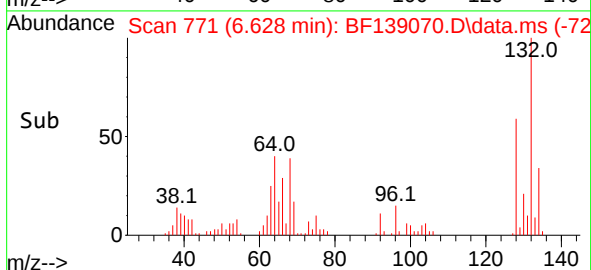
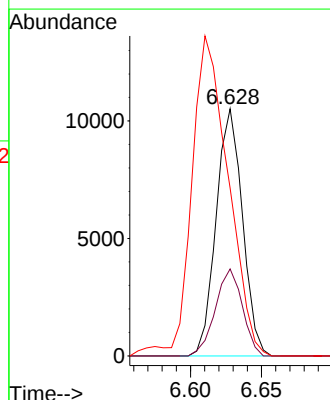
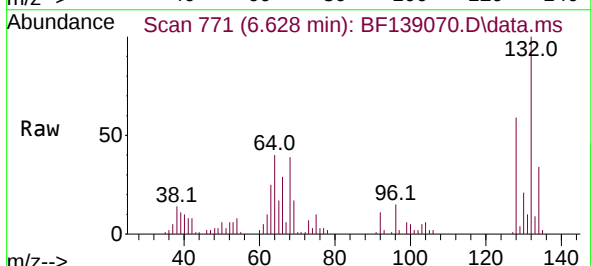
Delta R.T. -0.006 min

Lab File: BF139070.D

Acq: 19 Aug 2024 12:32

Tgt Ion:128 Resp: 13572

Ion	Ratio	Lower	Upper
128	100		
130	35.2	12.0	52.0
64	67.9	36.3	76.3





#9

Benzaldehyde

Concen: 4.941 ng

RT: 6.404 min Scan# 71

Delta R.T. 0.006 min

Lab File: BF139070.D

Acq: 19 Aug 2024 12:32

Instrument :

BNA_F

ClientSampleId :

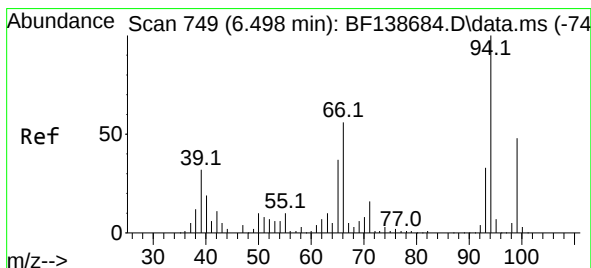
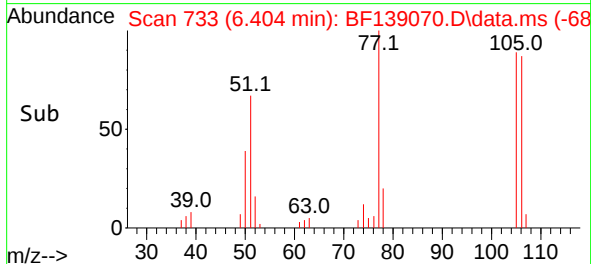
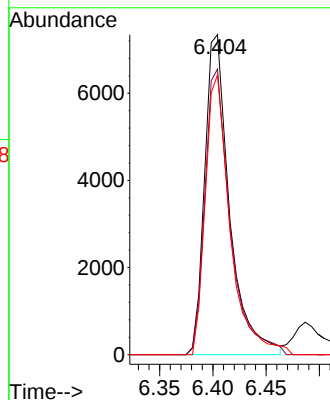
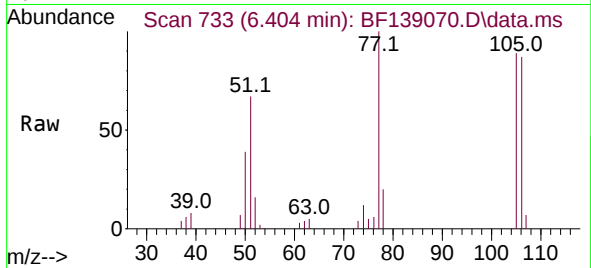
MDL-WATER-03-QT3-2024

Tgt Ion: 77	Resp: 1194
Ion Ratio	Lower Upper
77 100	
105 89.2	72.9 112.9
106 87.4	68.4 108.4

Manual Integrations

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Supervised By :mohammad ahmed 08/21/2024



#10

Phenol

Concen: 4.118 ng

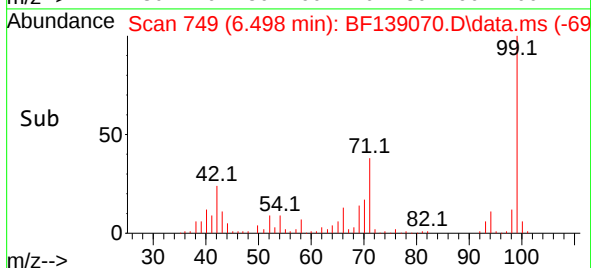
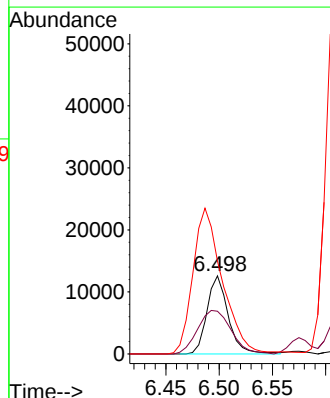
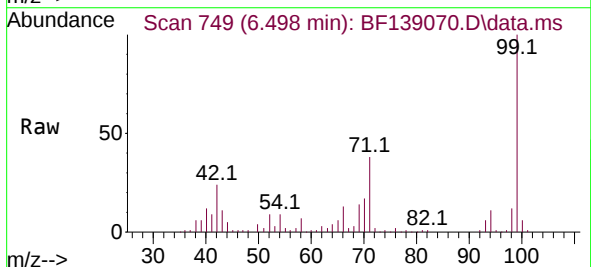
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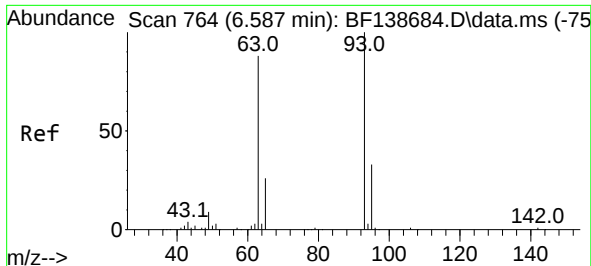
Delta R.T. 0.000 min

Lab File: BF139070.D

Acq: 19 Aug 2024 12:32

Tgt Ion: 94	Resp: 17478
Ion Ratio	Lower Upper
94 100	
65 54.6	16.9 56.9
66 118.8	36.5 76.5





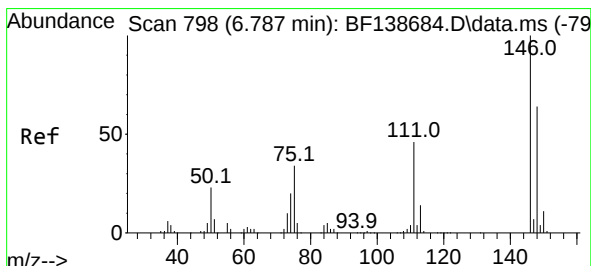
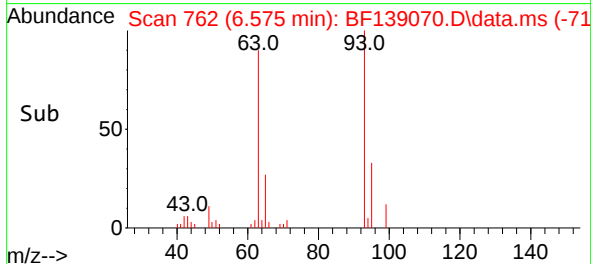
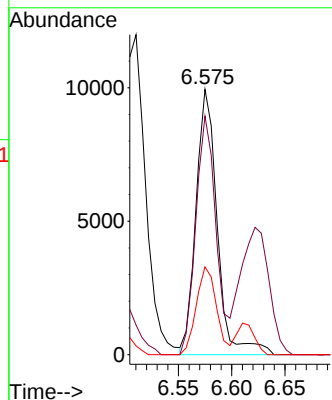
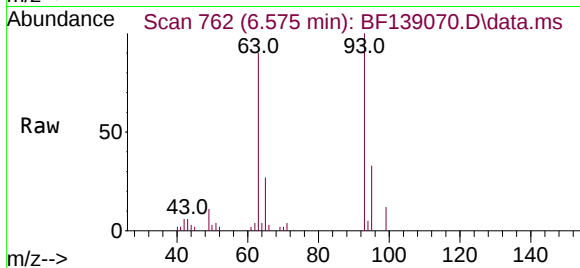
#11
bis(2-Chloroethyl)ether
Concen: 4.231 ng
RT: 6.575 min Scan# 762
Delta R.T. -0.012 min
Lab File: BF139070.D
Acq: 19 Aug 2024 12:32

Instrument : BNA_F
ClientSampleId : MDL-WATER-03-QT3-2024

Tgt Ion: 93 Resp: 13818
Ion Ratio Lower Upper
93 100
63 89.9 65.3 105.3
95 33.1 12.4 52.4

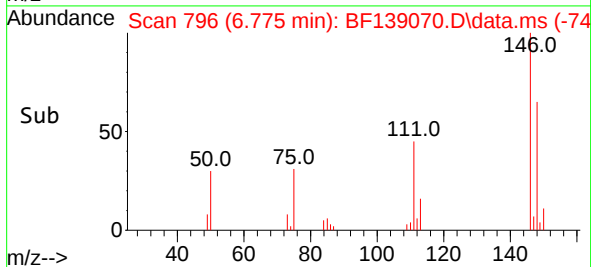
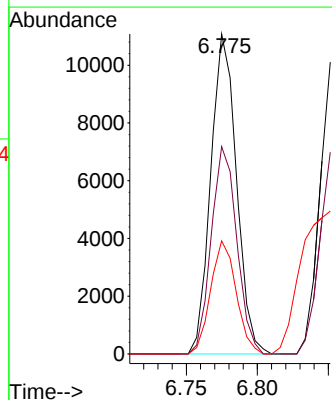
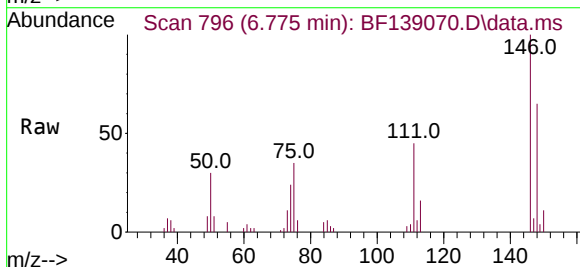
Manual Integrations
APPROVED

Reviewed By :Jagrut Upadhyay 08/20/2024
Supervised By :mohammad ahmed 08/21/2024



#12
1,3-Dichlorobenzene
Concen: 3.935 ng
RT: 6.775 min Scan# 796
Delta R.T. -0.012 min
Lab File: BF139070.D
Acq: 19 Aug 2024 12:32

Tgt Ion:146 Resp: 13916
Ion Ratio Lower Upper
146 100
148 64.8 51.2 76.8
75 35.4 27.4 41.2





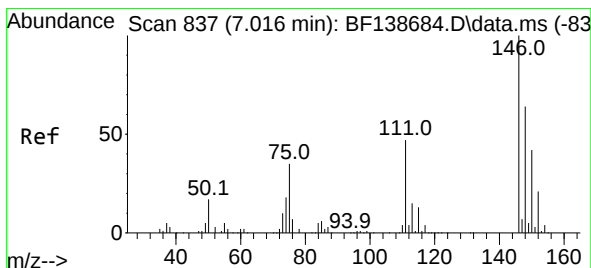
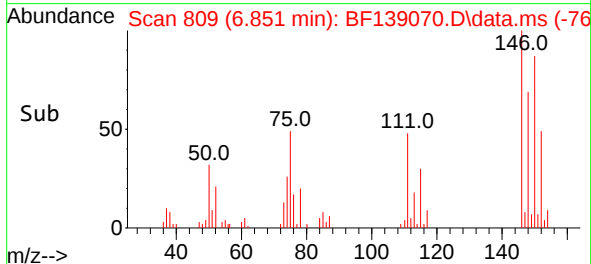
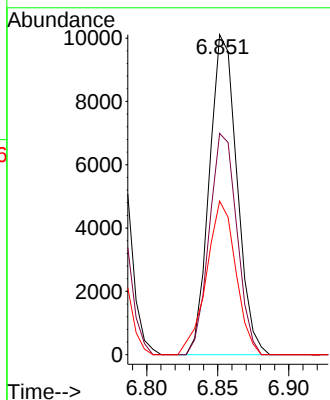
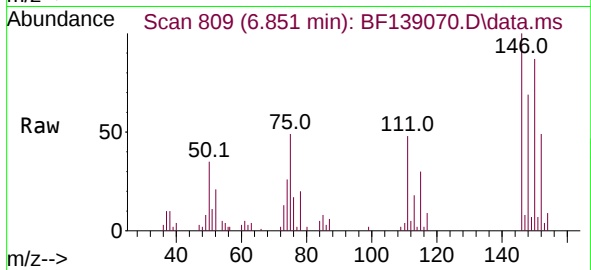
#13
1,4-Dichlorobenzene
Concen: 3.825 ng
RT: 6.851 min Scan# 809
Delta R.T. -0.012 min
Lab File: BF139070.D
Acq: 19 Aug 2024 12:32

Instrument : BNA_F
ClientSampleId : MDL-WATER-03-QT3-2024

Tgt Ion:146 Resp: 13650
Ion Ratio Lower Upper
146 100
148 69.1 50.2 75.2
111 48.0 35.9 53.9

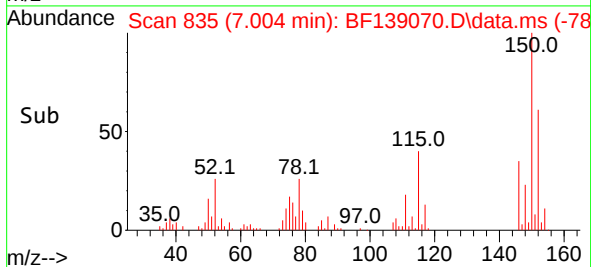
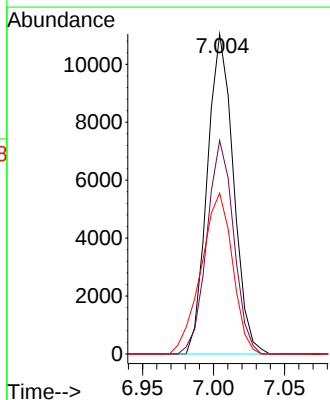
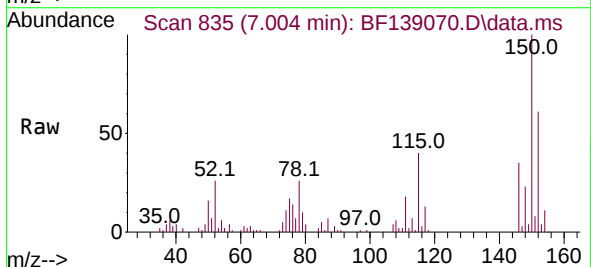
Manual Integrations
APPROVED

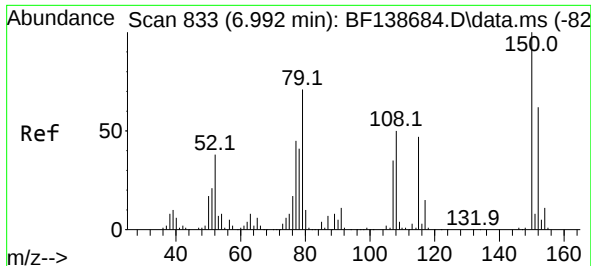
Reviewed By :Jagrut Upadhyay 08/20/2024
Supervised By :mohammad ahmed 08/21/2024



#14
1,2-Dichlorobenzene
Concen: 4.235 ng
RT: 7.004 min Scan# 835
Delta R.T. -0.012 min
Lab File: BF139070.D
Acq: 19 Aug 2024 12:32

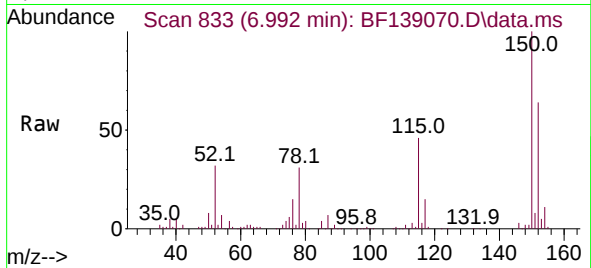
Tgt Ion:146 Resp: 14123
Ion Ratio Lower Upper
146 100
148 66.7 50.8 76.2
111 50.3 37.4 56.2





#15
Benzyl Alcohol
Concen: 4.058 ng
RT: 6.992 min Scan# 811
Delta R.T. 0.000 min
Lab File: BF139070.D
Acq: 19 Aug 2024 12:32

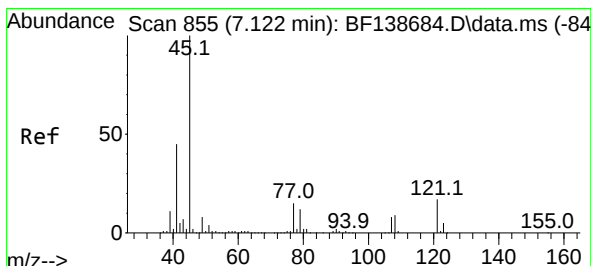
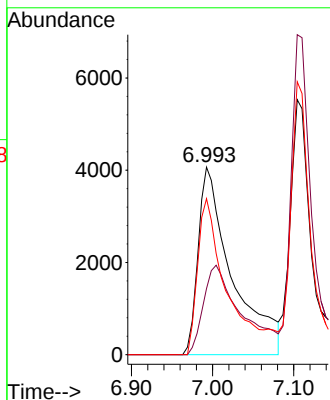
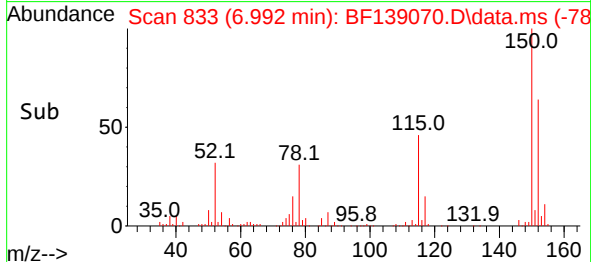
Instrument :
BNA_F
ClientSampleId :
MDL-WATER-03-QT3-2024



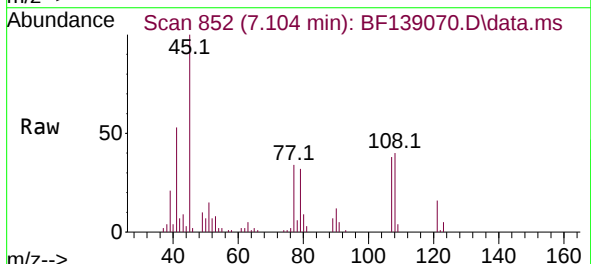
Tgt Ion: 79 Resp: 11790
Ion Ratio Lower Upper
79 100
108 35.2 56.6 85.0
77 83.2 50.3 75.5

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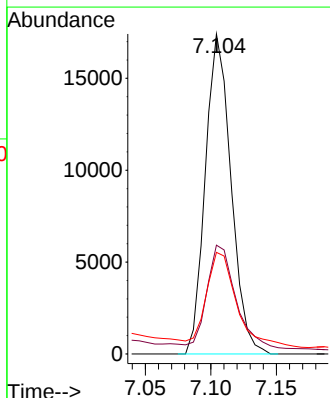
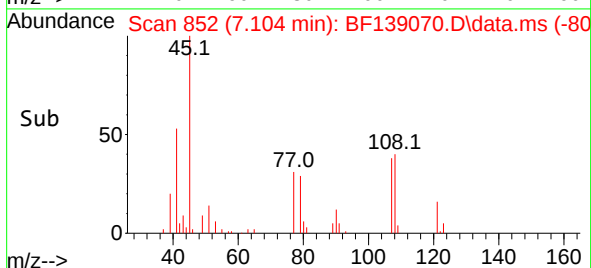
Reviewed By :Jagrut Upadhyay 08/20/2024
Supervised By :mohammad ahmed 08/21/2024



#16
2,2'-oxybis(1-Chloropropane)
Concen: 4.220 ng
RT: 7.104 min Scan# 852
Delta R.T. -0.018 min
Lab File: BF139070.D
Acq: 19 Aug 2024 12:32



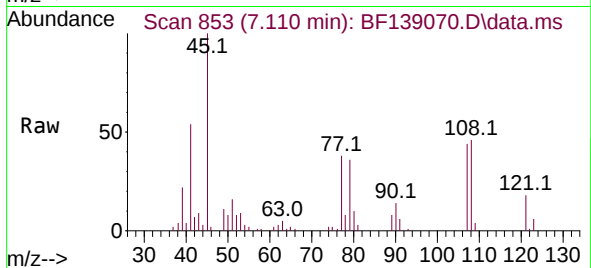
Tgt Ion: 45 Resp: 23719
Ion Ratio Lower Upper
45 100
77 34.0 0.0 34.9
79 31.7 0.0 32.2





#17
2-Methylphenol
Concen: 4.012 ng
RT: 7.110 min Scan# 853
Delta R.T. 0.006 min
Lab File: BF139070.D
Acq: 19 Aug 2024 12:32

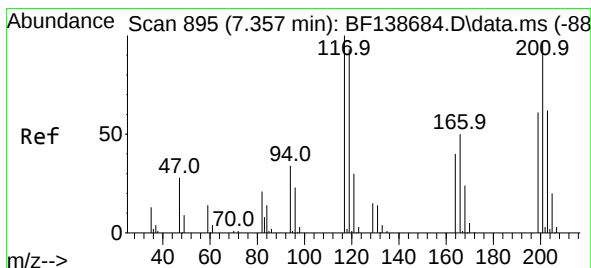
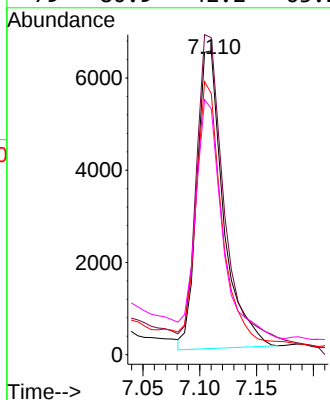
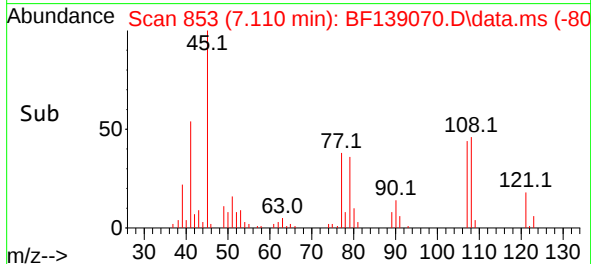
Instrument :
BNA_F
ClientSampleId :
MDL-WATER-03-QT3-2024



Tgt Ion:107 Resp: 10460
Ion Ratio Lower Upper
107 100
108 104.3 89.2 133.8
77 85.9 43.0 64.4
79 80.9 42.2 63.2

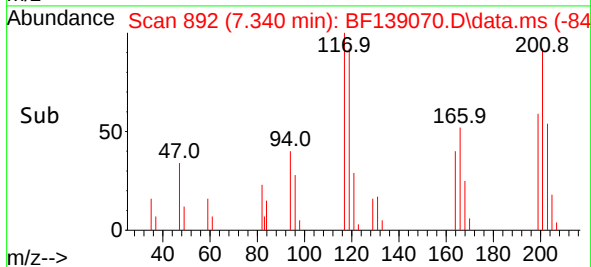
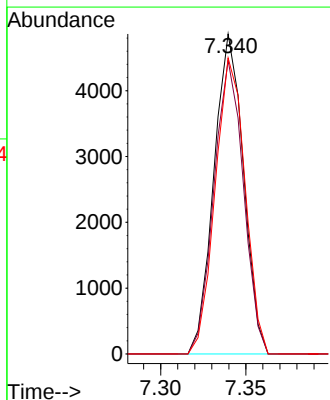
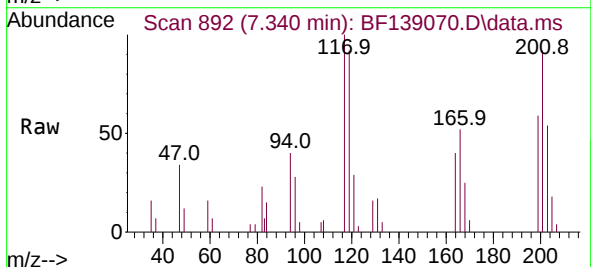
Manual Integrations
APPROVED

Reviewed By :Jagrut Upadhyay 08/20/2024
Supervised By :mohammad ahmed 08/21/2024



#18
Hexachloroethane
Concen: 4.362 ng
RT: 7.340 min Scan# 892
Delta R.T. -0.018 min
Lab File: BF139070.D
Acq: 19 Aug 2024 12:32

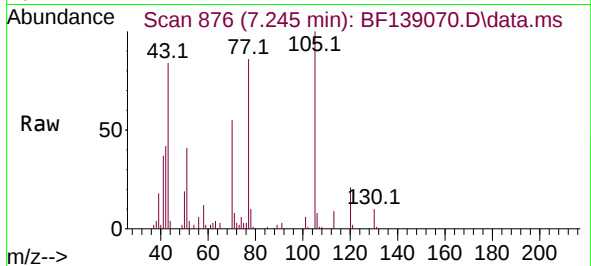
Tgt Ion:117 Resp: 5859
Ion Ratio Lower Upper
117 100
119 91.8 74.6 111.8
201 92.5 77.2 115.8





#19
n-Nitroso-di-n-propylamine
Concen: 4.292 ng
RT: 7.245 min Scan# 81
Delta R.T. -0.012 min
Lab File: BF139070.D
Acq: 19 Aug 2024 12:32

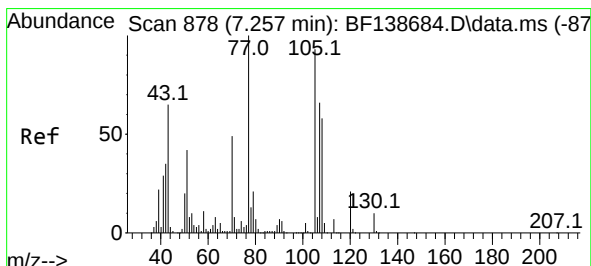
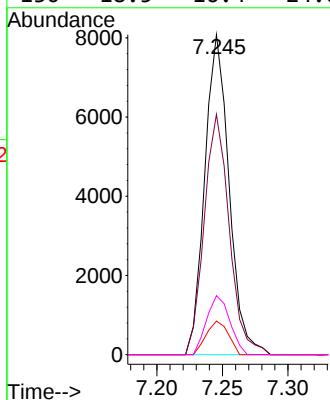
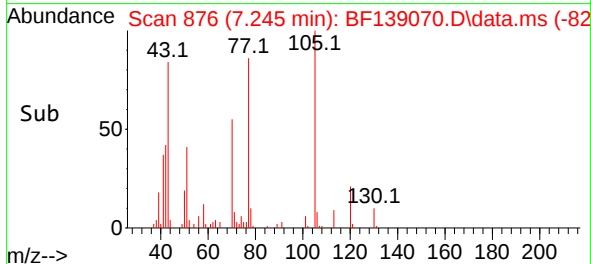
Instrument :
BNA_F
ClientSampleId :
MDL-WATER-03-QT3-2024



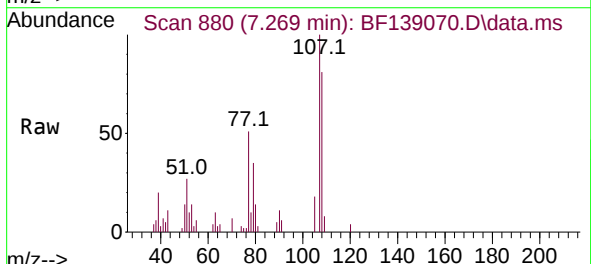
Tgt Ion:	70	Resp:	10450
Ion Ratio	Lower	Upper	
70	100		
42	75.1	57.4	86.0
101	10.5	7.5	11.3
130	18.5	16.4	24.6

Manual Integrations
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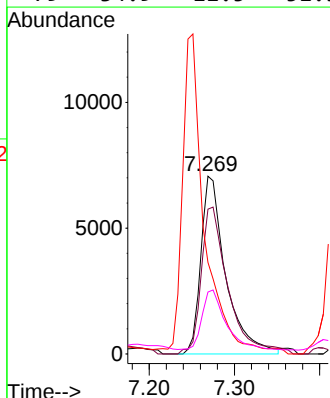
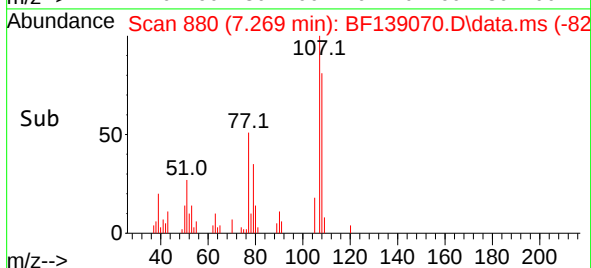
Reviewed By :Jagrut Upadhyay 08/20/2024
Supervised By :mohammad ahmed 08/21/2024

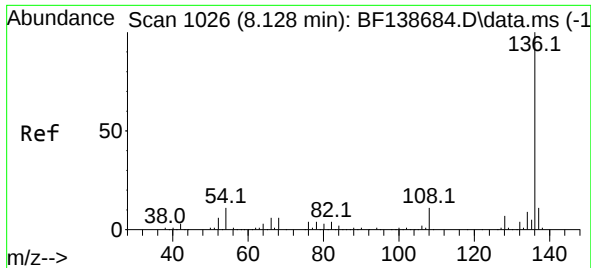


#20
3+4-Methylphenols
Concen: 4.281 ng
RT: 7.269 min Scan# 880
Delta R.T. 0.012 min
Lab File: BF139070.D
Acq: 19 Aug 2024 12:32



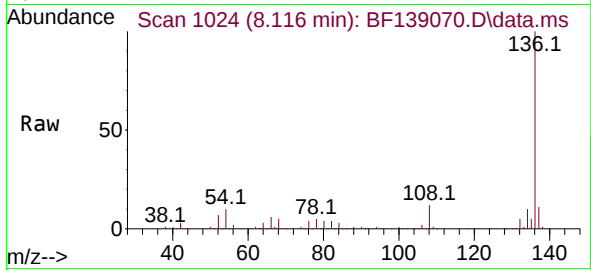
Tgt Ion:	107	Resp:	14328
Ion Ratio	Lower	Upper	
107	100		
108	81.5	68.2	108.2
77	51.5	132.1	172.1#
79	34.9	11.5	51.5





#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.116 min Scan# 1024
Delta R.T. -0.012 min
Lab File: BF139070.D
Acq: 19 Aug 2024 12:32

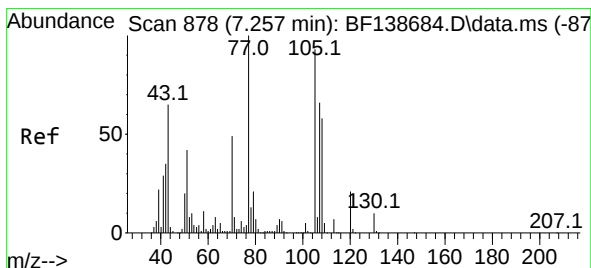
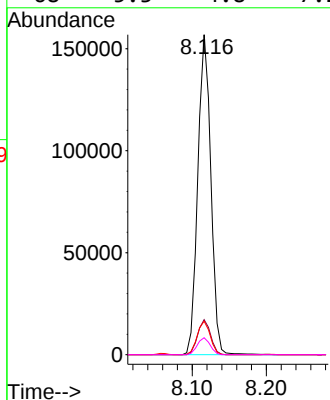
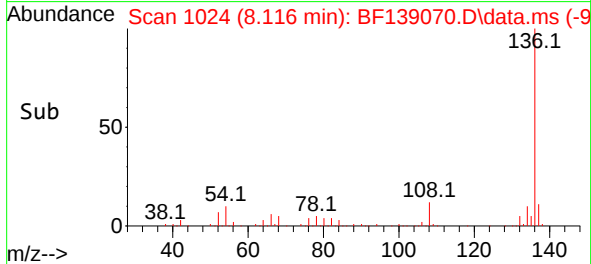
Instrument :
BNA_F
ClientSampleId :
MDL-WATER-03-QT3-2024



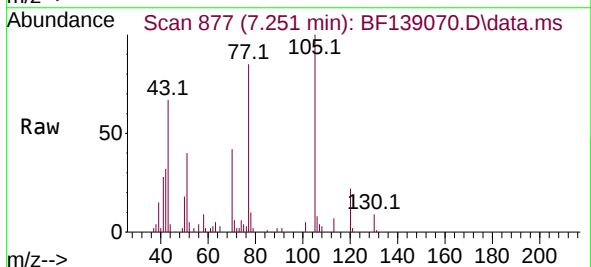
Tgt Ion:136 Resp: 191449
Ion Ratio Lower Upper
136 100
137 11.0 8.9 13.3
54 10.5 8.6 12.8
68 5.3 4.8 7.2

Manual Integrations
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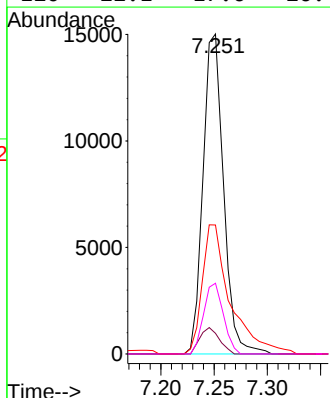
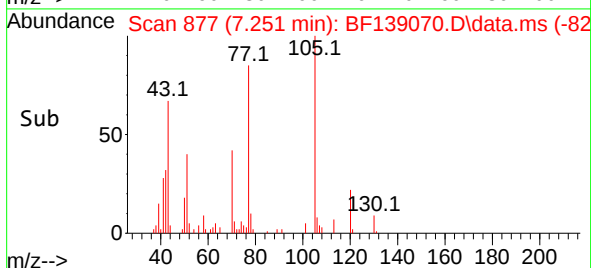
Reviewed By :Jagrut Upadhyay 08/20/2024
Supervised By :mohammad ahmed 08/21/2024

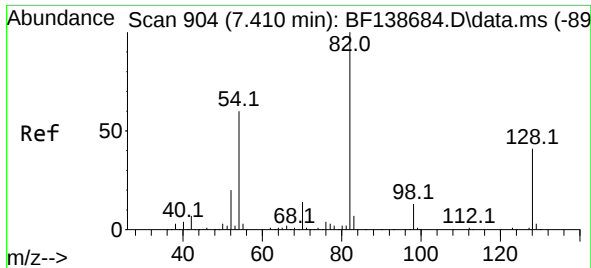


#22
Acetophenone
Concen: 4.303 ng
RT: 7.251 min Scan# 877
Delta R.T. -0.006 min
Lab File: BF139070.D
Acq: 19 Aug 2024 12:32



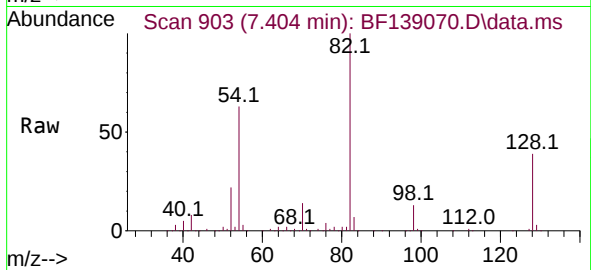
Tgt Ion:105 Resp: 20173
Ion Ratio Lower Upper
105 100
71 6.4 7.2 10.8#
51 40.3 35.9 53.9
120 22.1 17.6 26.4





#23
Nitrobenzene-d5
Concen: 90.369 ng
RT: 7.404 min Scan# 904
Delta R.T. -0.006 min
Lab File: BF139070.D
Acq: 19 Aug 2024 12:32

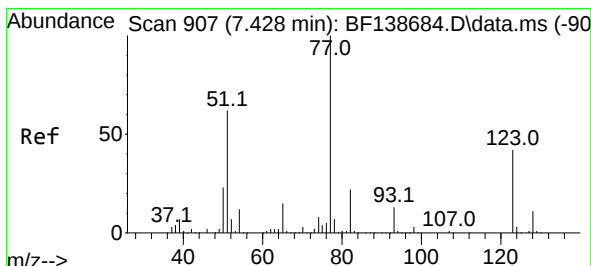
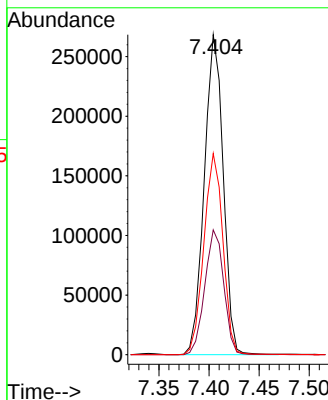
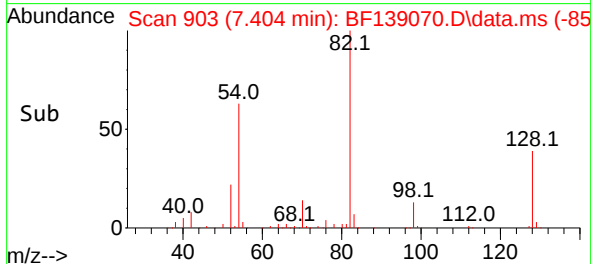
Instrument : BNA_F
ClientSampleId : MDL-WATER-03-QT3-2024



Tgt Ion: 82 Resp: 353860
Ion Ratio Lower Upper
82 100
128 39.0 32.8 49.2
54 62.8 48.3 72.5

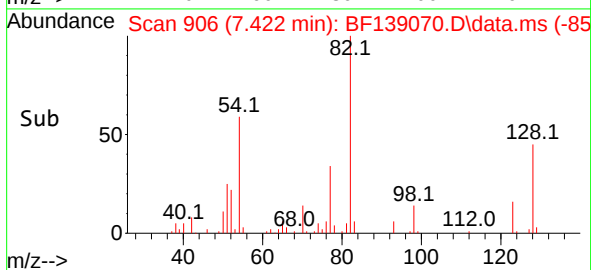
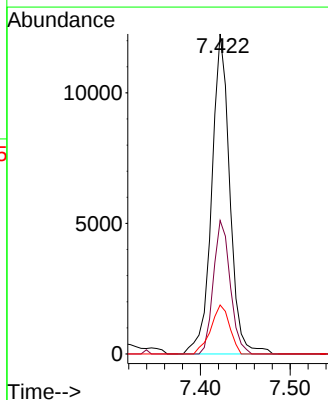
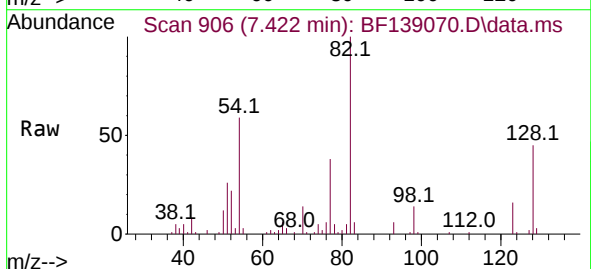
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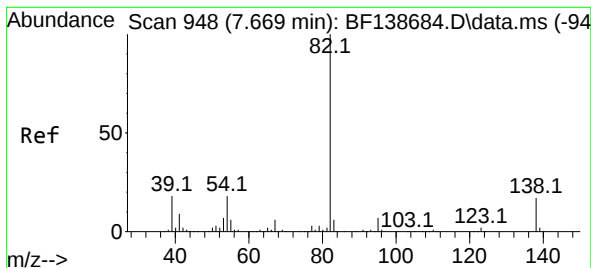
Reviewed By :Jagrut Upadhyay 08/20/2024
Supervised By :mohammad ahmed 08/21/2024



#24
Nitrobenzene
Concen: 4.313 ng
RT: 7.422 min Scan# 906
Delta R.T. -0.006 min
Lab File: BF139070.D
Acq: 19 Aug 2024 12:32

Tgt Ion: 77 Resp: 17184
Ion Ratio Lower Upper
77 100
123 41.7 33.3 49.9
65 15.3 11.9 17.9





#25

Isophorone

Concen: 4.161 ng

RT: 7.657 min Scan# 948

Delta R.T. -0.012 min

Lab File: BF139070.D

Acq: 19 Aug 2024 12:32

Instrument :

BNA_F

ClientSampleId :

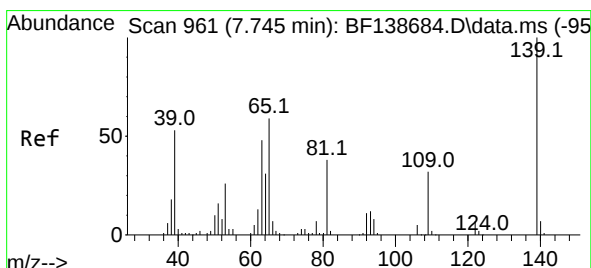
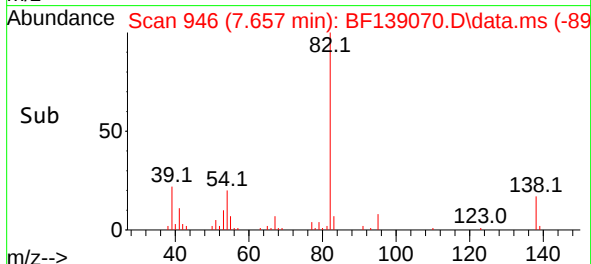
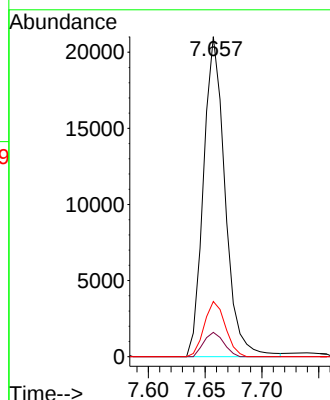
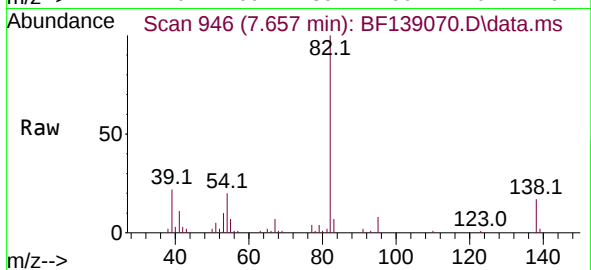
MDL-WATER-03-QT3-2024

Tgt Ion:	82	Resp:	2782
Ion	Ratio	Lower	Upper
82	100		
95	7.6	5.7	8.5
138	17.3	13.7	20.5

Manual Integrations

APPROVED

Reviewed By :Jagrut Upadhyay 08/20/2024
Supervised By :mohammad ahmed 08/21/2024



#26

2-Nitrophenol

Concen: 3.833 ng

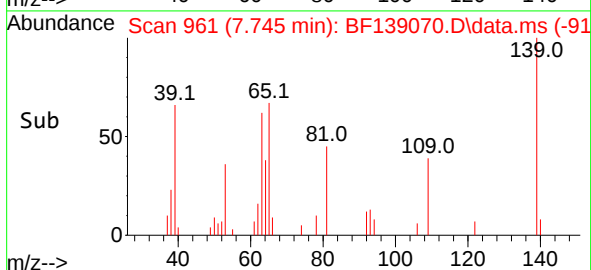
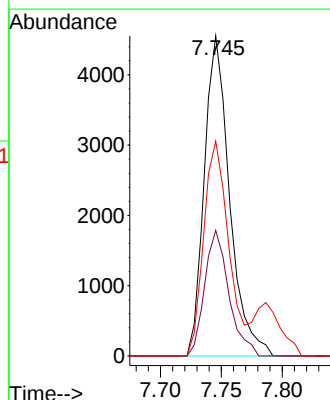
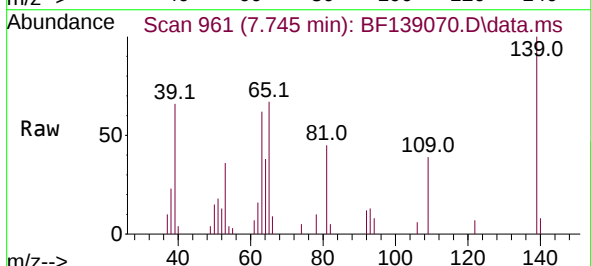
RT: 7.745 min Scan# 961

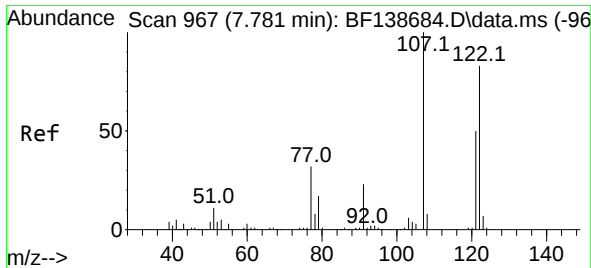
Delta R.T. 0.000 min

Lab File: BF139070.D

Acq: 19 Aug 2024 12:32

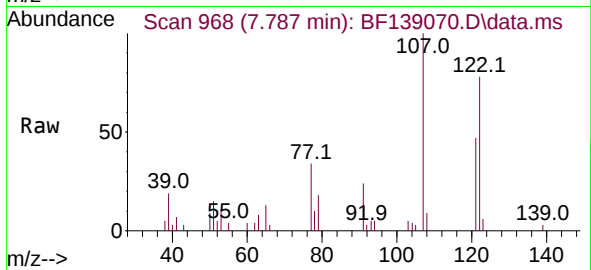
Tgt Ion:	139	Resp:	6571
Ion	Ratio	Lower	Upper
139	100		
109	39.2	25.9	38.9
65	67.1	47.0	70.6





#27
2,4-Dimethylphenol
Concen: 3.503 ng
RT: 7.787 min Scan# 90
Delta R.T. 0.006 min
Lab File: BF139070.D
Acq: 19 Aug 2024 12:32

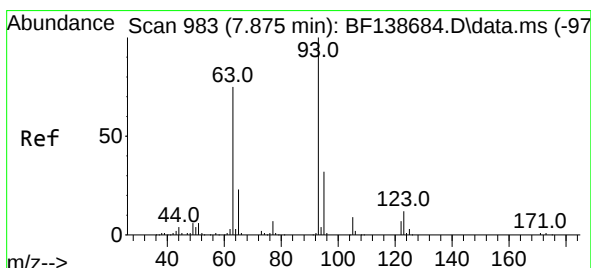
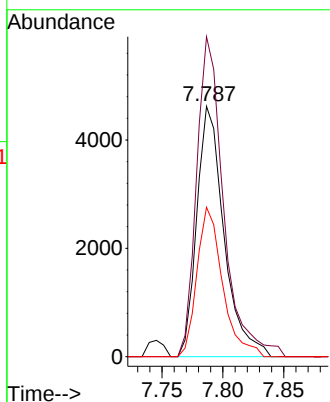
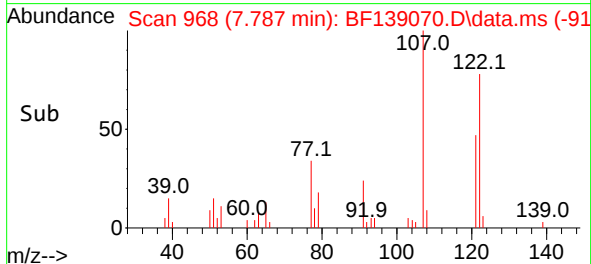
Instrument :
BNA_F
ClientSampleId :
MDL-WATER-03-QT3-2024



Tgt Ion:122 Resp: 718
Ion Ratio Lower Upper
122 100
107 127.8 95.0 142.6
121 59.7 47.3 70.9

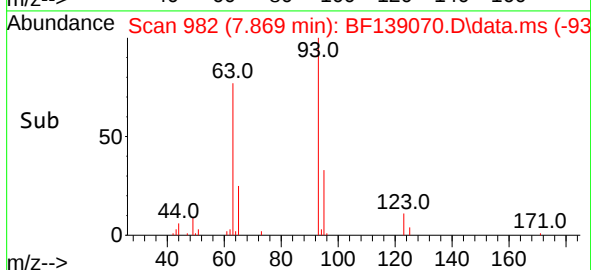
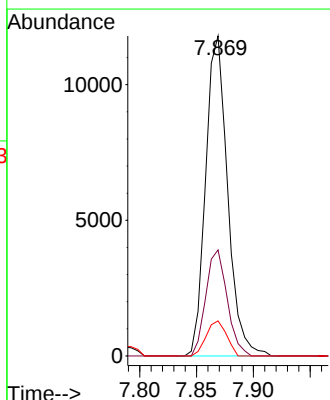
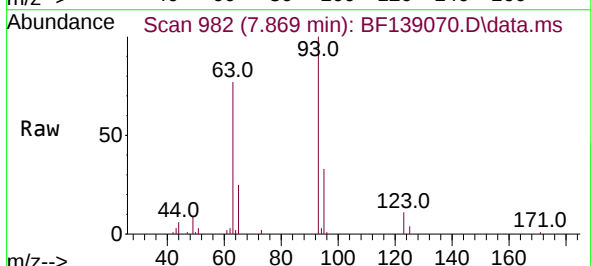
Manual Integrations
APPROVED

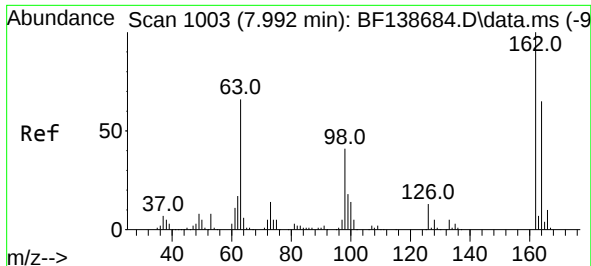
Reviewed By :Jagrut Upadhyay 08/20/2024
Supervised By :mohammad ahmed 08/21/2024



#28
bis(2-Chloroethoxy)methane
Concen: 3.898 ng
RT: 7.869 min Scan# 982
Delta R.T. -0.006 min
Lab File: BF139070.D
Acq: 19 Aug 2024 12:32

Tgt Ion: 93 Resp: 15872
Ion Ratio Lower Upper
93 100
95 33.1 25.8 38.8
123 11.0 9.4 14.0





#29

2,4-Dichlorophenol

Concen: 3.653 ng

RT: 8.010 min Scan# 1006

Delta R.T. 0.018 min

Lab File: BF139070.D

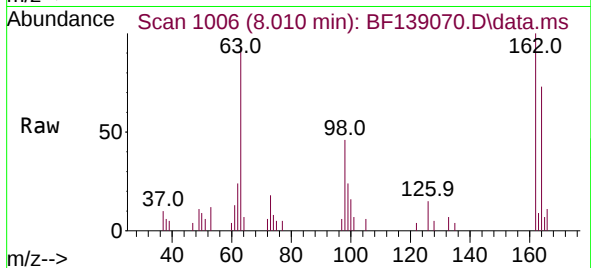
Acq: 19 Aug 2024 12:32

Instrument :

BNA_F

ClientSampleId :

MDL-WATER-03-QT3-2024

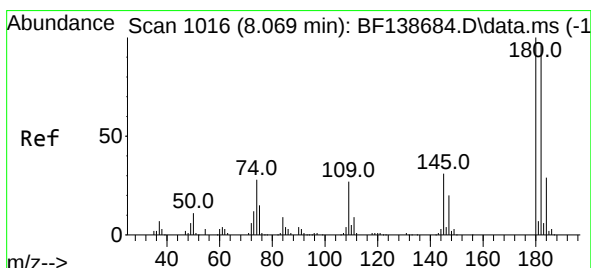
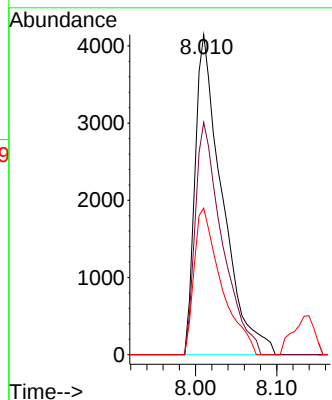
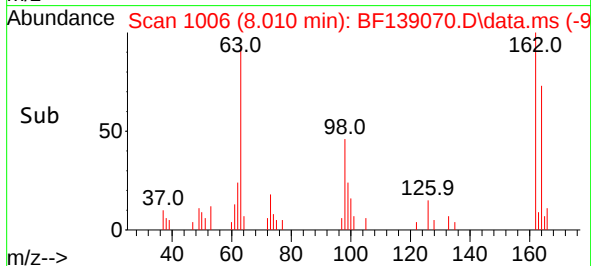


Tgt Ion:	162	Resp:	962
Ion Ratio	Lower	Upper	
162	100		
164	72.6	44.7	84.7
98	45.8	20.8	60.8

Manual Integrations

APPROVED

Reviewed By :Jagrut Upadhyay 08/20/2024
Supervised By :mohammad ahmed 08/21/2024



#30

1,2,4-Trichlorobenzene

Concen: 4.018 ng

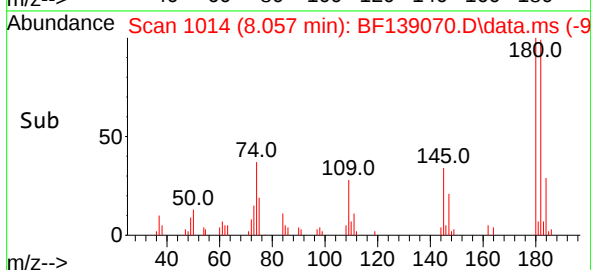
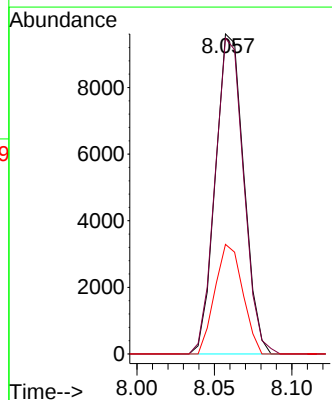
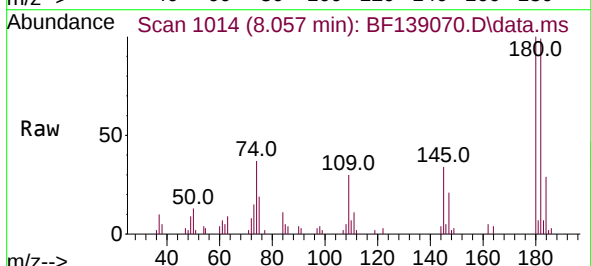
RT: 8.057 min Scan# 1014

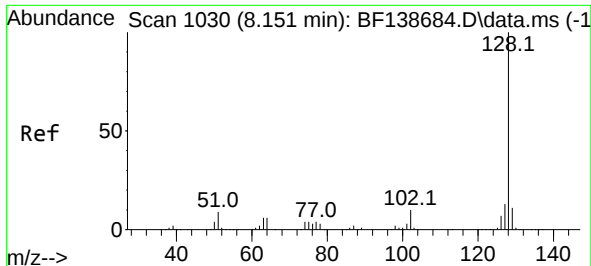
Delta R.T. -0.012 min

Lab File: BF139070.D

Acq: 19 Aug 2024 12:32

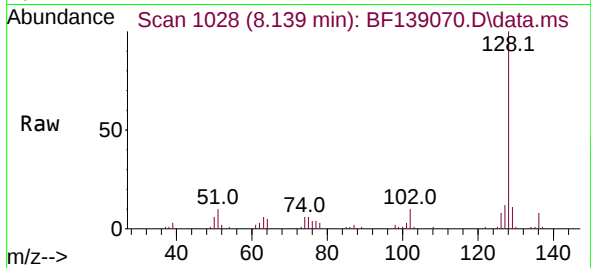
Tgt Ion:	180	Resp:	12222
Ion Ratio	Lower	Upper	
180	100		
182	98.7	76.9	115.3
145	34.3	25.0	37.4





#31
Naphthalene
Concen: 4.090 ng
RT: 8.139 min Scan# 1030
Delta R.T. -0.012 min
Lab File: BF139070.D
Acq: 19 Aug 2024 12:32

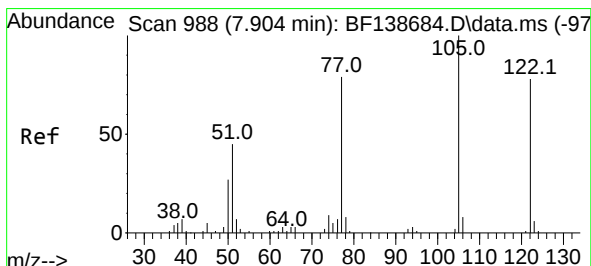
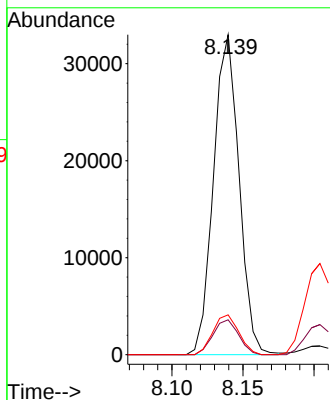
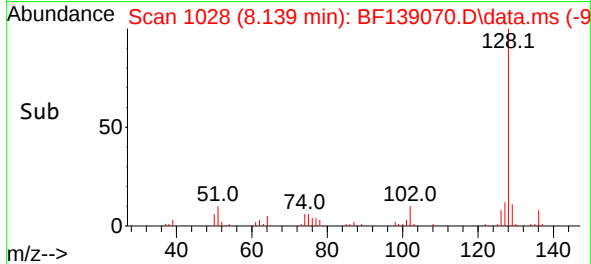
Instrument :
BNA_F
ClientSampleId :
MDL-WATER-03-QT3-2024



Tgt Ion:128 Resp: 4121
Ion Ratio Lower Upper
128 100
129 10.9 8.7 13.1
127 12.5 10.6 16.0

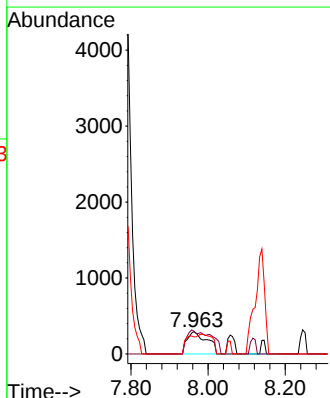
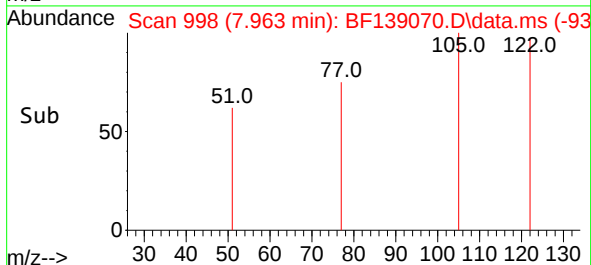
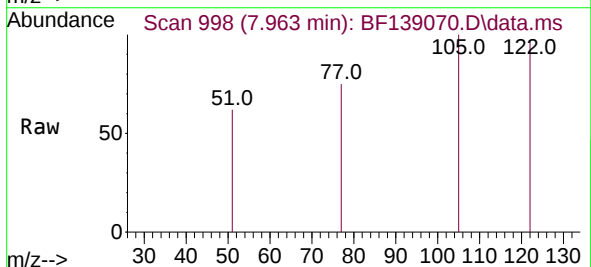
Manual Integrations
APPROVED

Reviewed By :Jagrut Upadhyay 08/20/2024
Supervised By :mohammad ahmed 08/21/2024



#32
Benzoic acid
Concen: 0.904 ng m
RT: 7.963 min Scan# 998
Delta R.T. 0.059 min
Lab File: BF139070.D
Acq: 19 Aug 2024 12:32

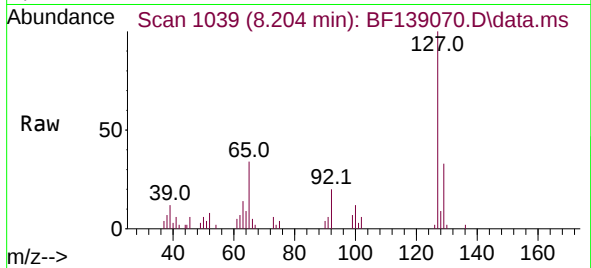
Tgt Ion:122 Resp: 1457
Ion Ratio Lower Upper
122 100
105 103.1 106.7 146.7#
77 76.8 81.1 121.1#





#33
4-Chloroaniline
Concen: 4.643 ng
RT: 8.204 min Scan# 1039
Delta R.T. 0.000 min
Lab File: BF139070.D
Acq: 19 Aug 2024 12:32

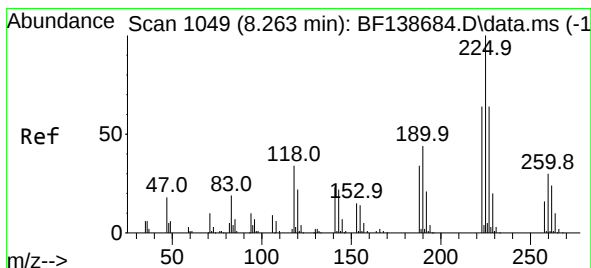
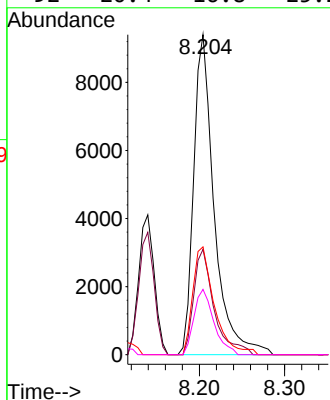
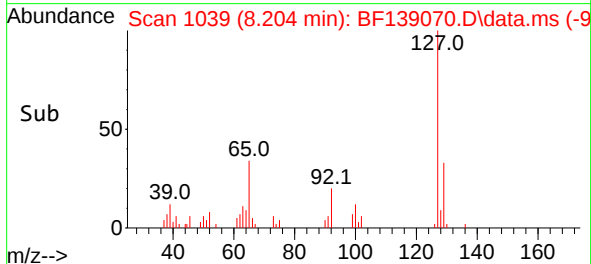
Instrument :
BNA_F
ClientSampleId :
MDL-WATER-03-QT3-2024



Tgt Ion	Ratio	Lower	Upper
127	100		
129	32.9	25.9	38.9
65	33.7	27.6	41.4
92	20.4	16.8	25.2

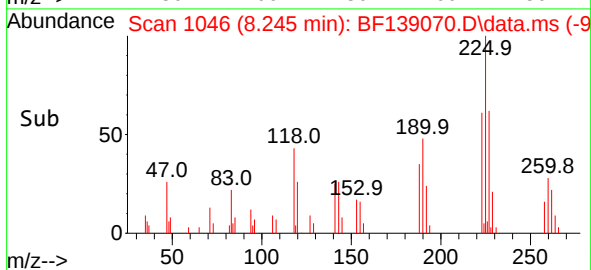
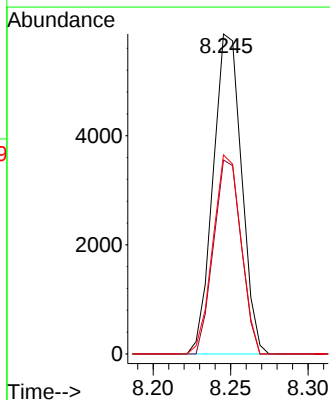
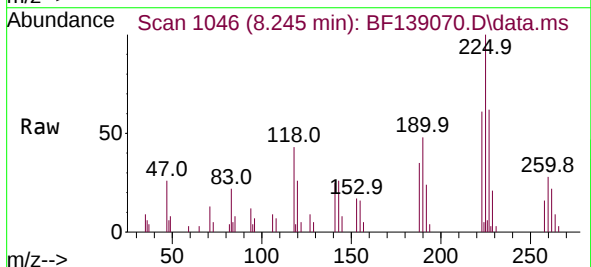
Manual Integrations
APPROVED

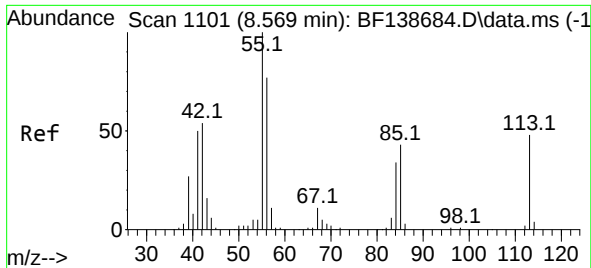
Reviewed By :Jagrut Upadhyay 08/20/2024
Supervised By :mohammad ahmed 08/21/2024



#34
Hexachlorobutadiene
Concen: 4.067 ng
RT: 8.245 min Scan# 1046
Delta R.T. -0.018 min
Lab File: BF139070.D
Acq: 19 Aug 2024 12:32

Tgt Ion	Ratio	Lower	Upper
225	100		
223	60.6	51.2	76.8
227	62.2	51.1	76.7





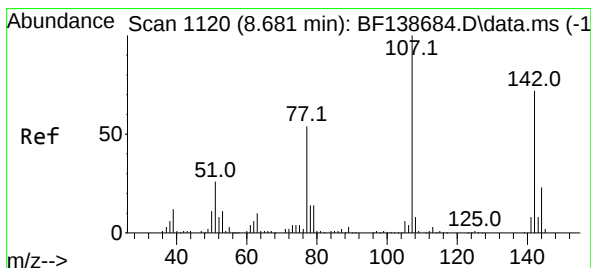
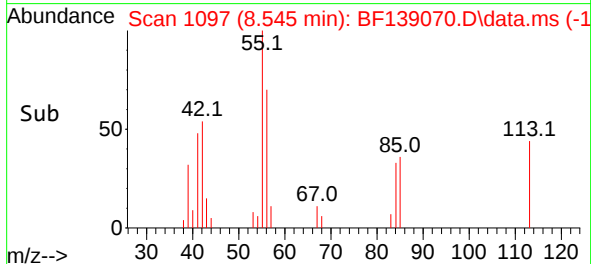
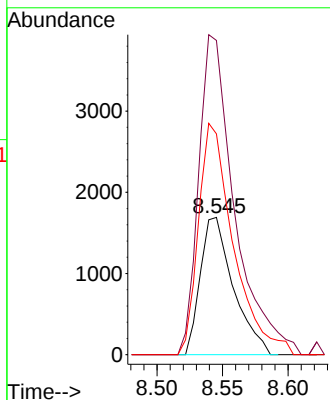
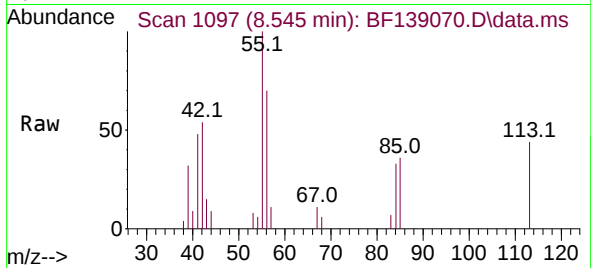
#35
Caprolactam
Concen: 3.769 ng
RT: 8.545 min Scan# 1097
Delta R.T. -0.023 min
Lab File: BF139070.D
Acq: 19 Aug 2024 12:32

Instrument :
BNA_F
ClientSampleId :
MDL-WATER-03-QT3-2024

Tgt Ion:113 Resp: 2964
Ion Ratio Lower Upper
113 100
55 228.9 186.7 226.7
56 160.9 138.9 178.9

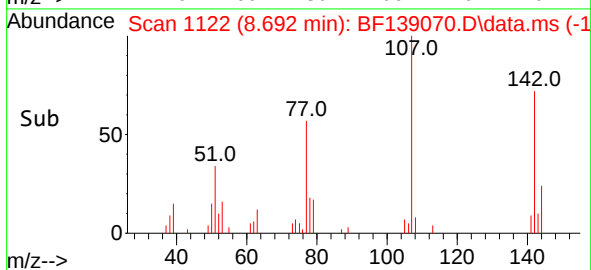
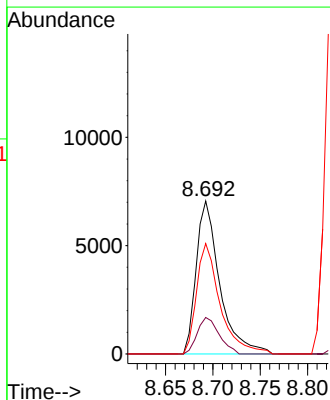
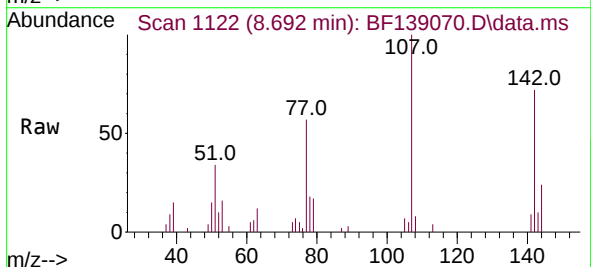
Manual Integrations
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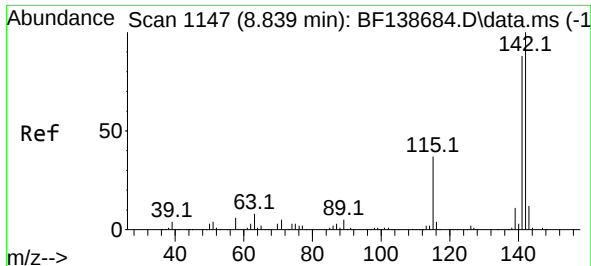
Reviewed By :Jagrut Upadhyay 08/20/2024
Supervised By :mohammad ahmed 08/21/2024



#36
4-Chloro-3-methylphenol
Concen: 4.053 ng
RT: 8.692 min Scan# 1122
Delta R.T. 0.012 min
Lab File: BF139070.D
Acq: 19 Aug 2024 12:32

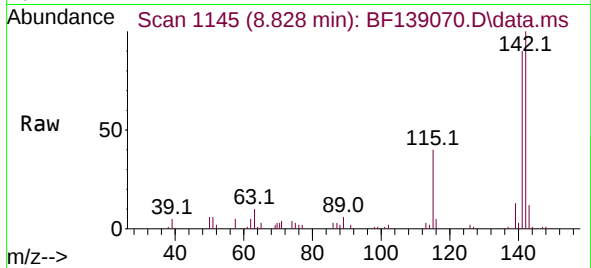
Tgt Ion:107 Resp: 12209
Ion Ratio Lower Upper
107 100
144 23.9 18.2 27.2
142 72.2 57.4 86.2





#37
2-Methylnaphthalene
Concen: 4.139 ng
RT: 8.828 min Scan# 1145
Delta R.T. -0.012 min
Lab File: BF139070.D
Acq: 19 Aug 2024 12:32

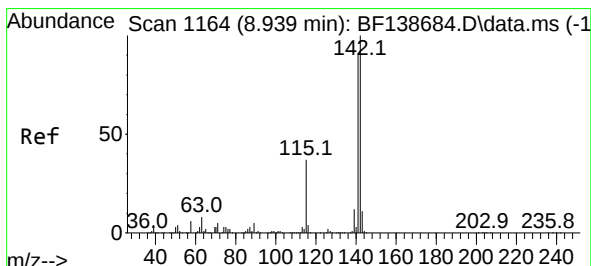
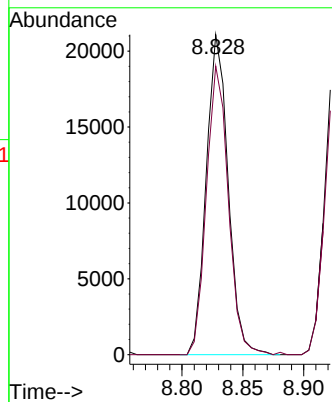
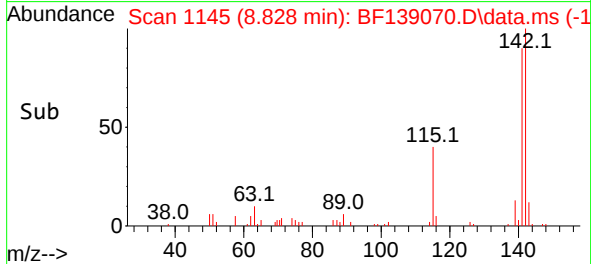
Instrument : BNA_F
ClientSampleId : MDL-WATER-03-QT3-2024



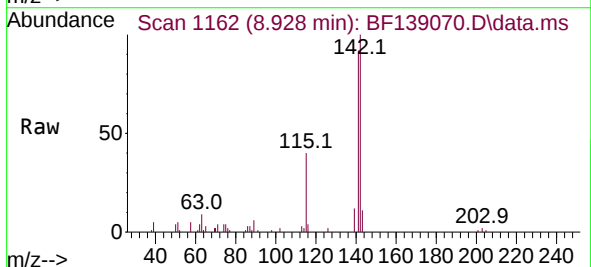
Tgt Ion:142 Resp: 2634
Ion Ratio Lower Upper
142 100
141 90.2 70.8 106.2

Manual Integrations
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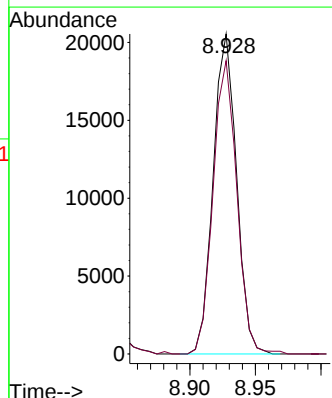
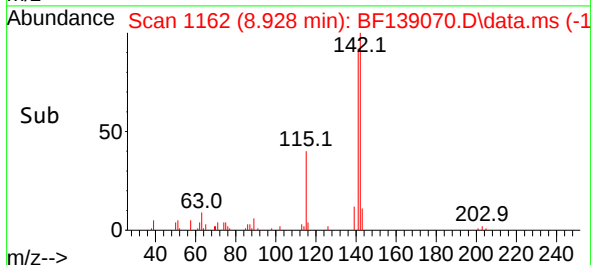
Reviewed By :Jagrut Upadhyay 08/20/2024
Supervised By :mohammad ahmed 08/21/2024



#38
1-Methylnaphthalene
Concen: 4.074 ng
RT: 8.928 min Scan# 1162
Delta R.T. -0.012 min
Lab File: BF139070.D
Acq: 19 Aug 2024 12:32



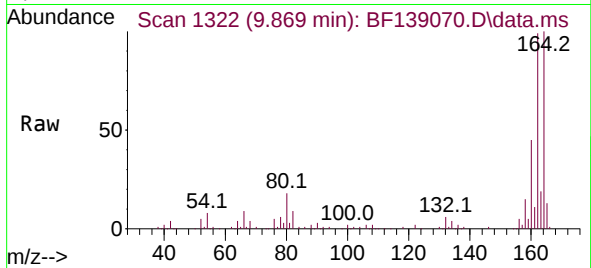
Tgt Ion:142 Resp: 25408
Ion Ratio Lower Upper
142 100
141 91.6 73.1 109.7





#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.869 min Scan# 111978
Delta R.T. -0.011 min
Lab File: BF139070.D
Acq: 19 Aug 2024 12:32

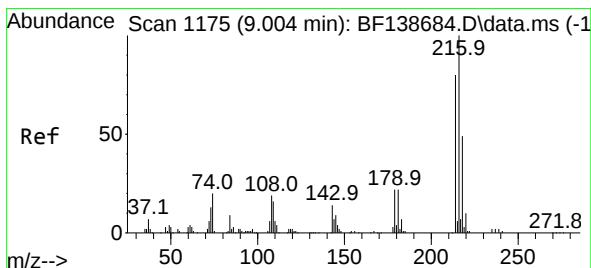
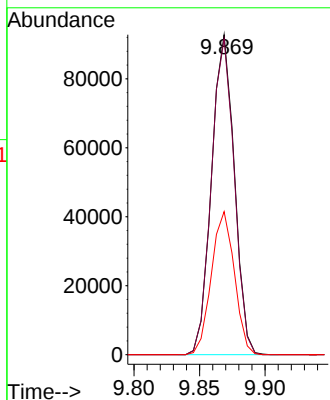
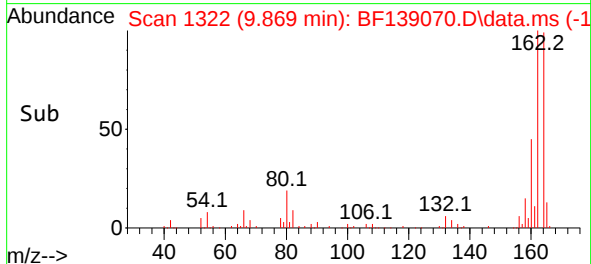
Instrument :
BNA_F
ClientSampleId :
MDL-WATER-03-QT3-2024



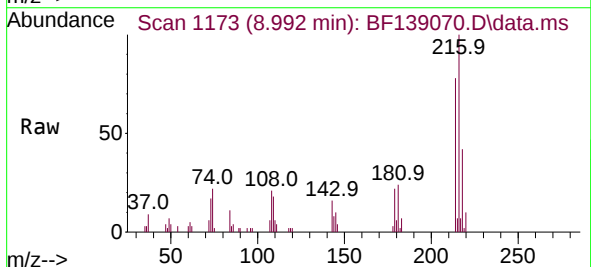
Tgt Ion:164 Resp: 111978
Ion Ratio Lower Upper
164 100
162 98.7 79.4 119.0
160 44.7 35.1 52.7

Manual Integrations
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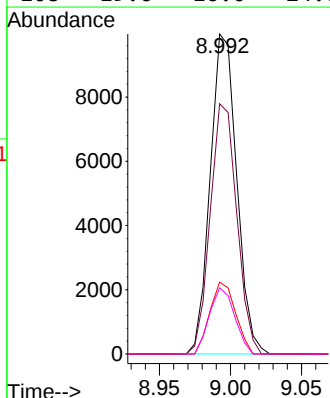
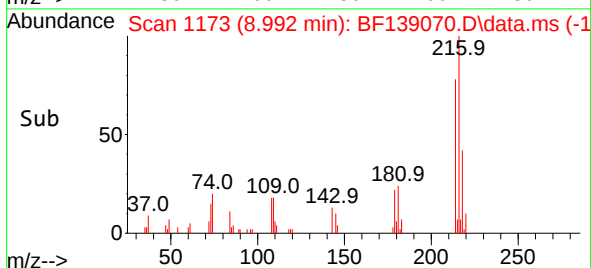
Reviewed By :Jagrut Upadhyay 08/20/2024
Supervised By :mohammad ahmed 08/21/2024

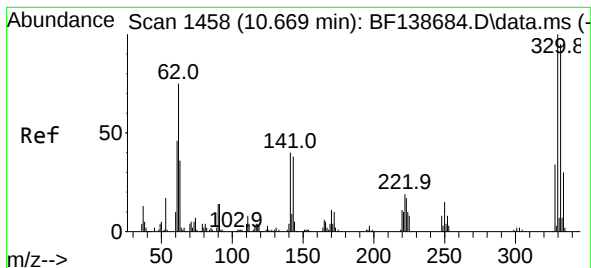


#40
1,2,4,5-Tetrachlorobenzene
Concen: 4.148 ng
RT: 8.992 min Scan# 1173
Delta R.T. -0.012 min
Lab File: BF139070.D
Acq: 19 Aug 2024 12:32



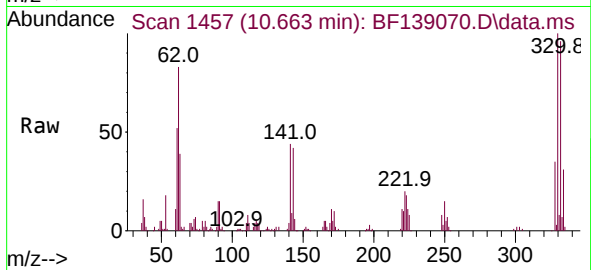
Tgt Ion:216 Resp: 12904
Ion Ratio Lower Upper
216 100
214 78.3 63.9 95.9
179 21.8 17.8 26.6
108 19.6 16.0 24.0





#42
2,4,6-Tribromophenol
Concen: 136.261 ng
RT: 10.663 min Scan# 1458
Delta R.T. -0.006 min
Lab File: BF139070.D
Acq: 19 Aug 2024 12:32

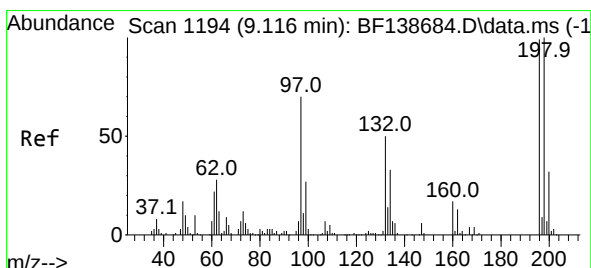
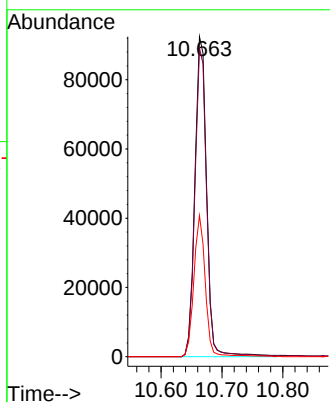
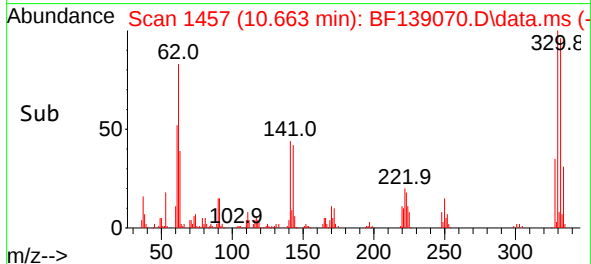
Instrument :
BNA_F
ClientSampleId :
MDL-WATER-03-QT3-2024



Tgt Ion:330 Resp: 12498
Ion Ratio Lower Upper
330 100
332 95.8 76.4 114.6
141 42.9 31.1 46.7

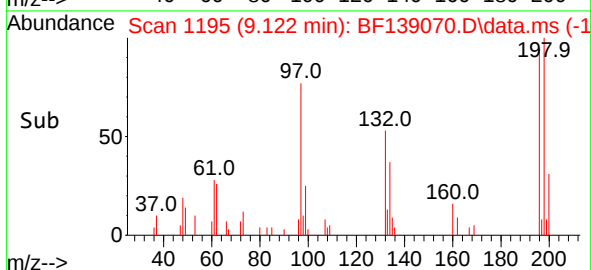
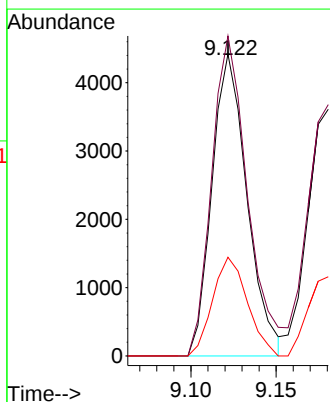
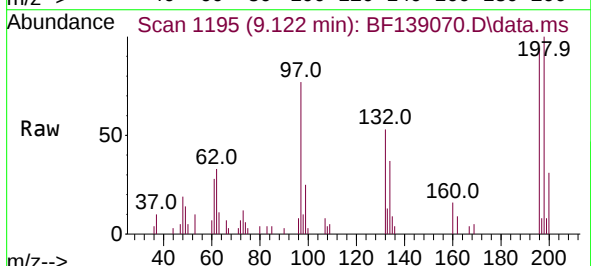
Manual Integrations
APPROVED

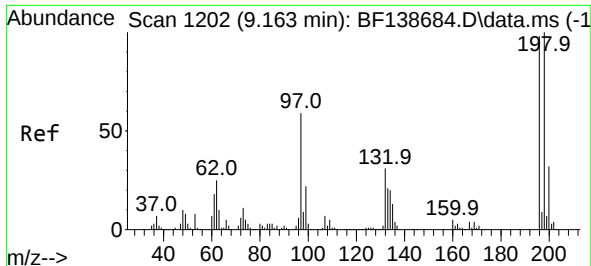
Reviewed By :Jagrut Upadhyay 08/20/2024
Supervised By :mohammad ahmed 08/21/2024



#43
2,4,6-Trichlorophenol
Concen: 3.333 ng
RT: 9.122 min Scan# 1195
Delta R.T. 0.006 min
Lab File: BF139070.D
Acq: 19 Aug 2024 12:32

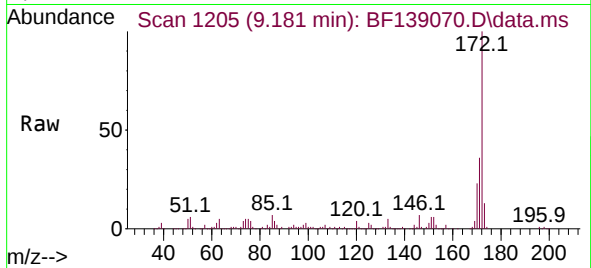
Tgt Ion:196 Resp: 6322
Ion Ratio Lower Upper
196 100
198 106.0 80.5 120.7
200 32.7 25.9 38.9





#44
2,4,5-Trichlorophenol
Concen: 3.553 ng
RT: 9.181 min Scan# 11
Delta R.T. 0.018 min
Lab File: BF139070.D
Acq: 19 Aug 2024 12:32

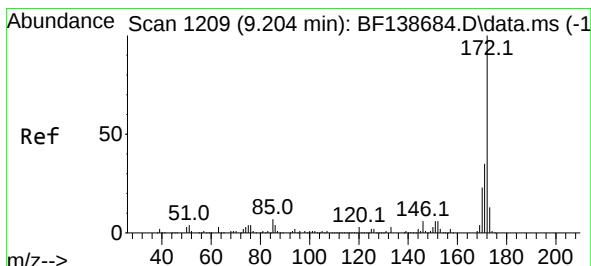
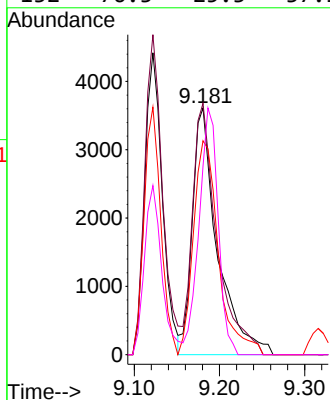
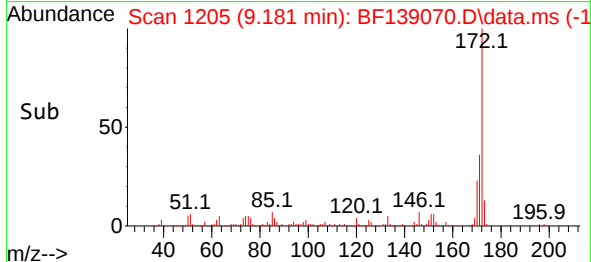
Instrument :
BNA_F
ClientSampleId :
MDL-WATER-03-QT3-2024



Tgt Ion:196 Resp: 736
Ion Ratio Lower Upper
196 100
198 101.9 81.2 121.8
97 86.7 47.8 71.6
132 76.3 25.3 37.9#

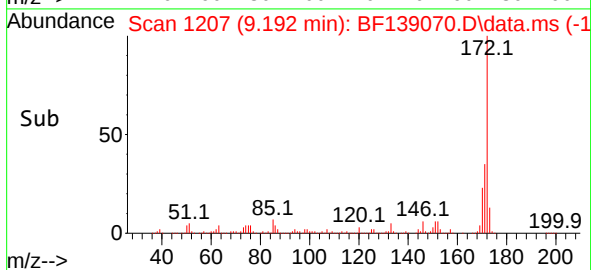
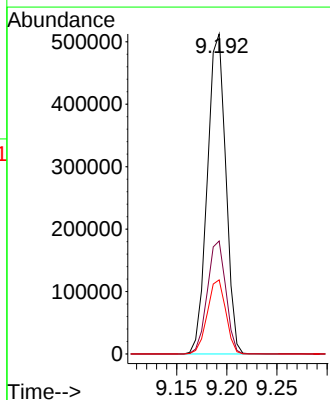
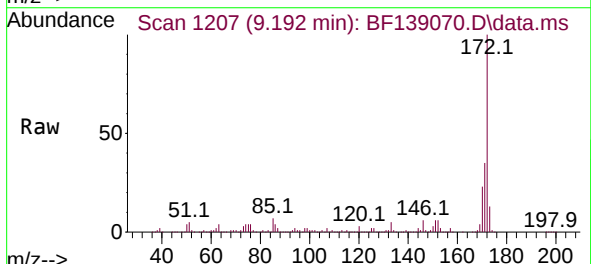
Manual Integrations
APPROVED

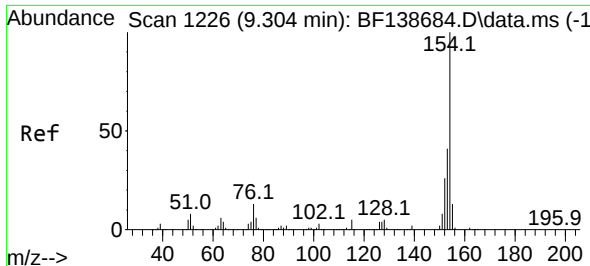
Reviewed By :Jagrut Upadhyay 08/20/2024
Supervised By :mohammad ahmed 08/21/2024



#45
2-Fluorobiphenyl
Concen: 87.933 ng
RT: 9.192 min Scan# 1207
Delta R.T. -0.012 min
Lab File: BF139070.D
Acq: 19 Aug 2024 12:32

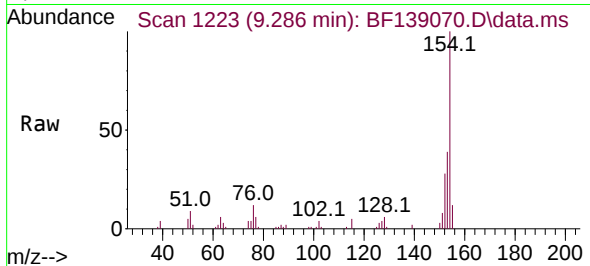
Tgt Ion:172 Resp: 655343
Ion Ratio Lower Upper
172 100
171 35.3 28.3 42.5
170 23.1 18.8 28.2





#46
1,1'-Biphenyl
Concen: 4.223 ng
RT: 9.286 min Scan# 11
Delta R.T. -0.018 min
Lab File: BF139070.D
Acq: 19 Aug 2024 12:32

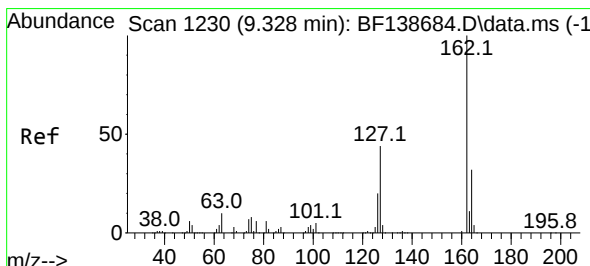
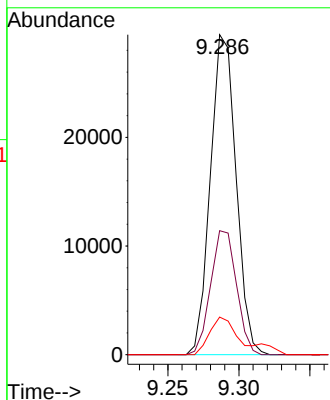
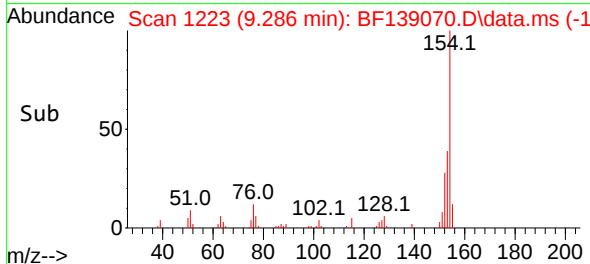
Instrument :
BNA_F
ClientSampleId :
MDL-WATER-03-QT3-2024



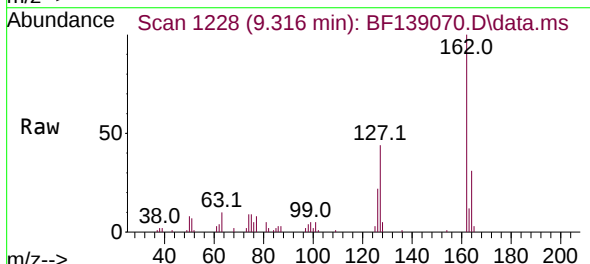
Tgt Ion:154 Resp: 37034
Ion Ratio Lower Upper
154 100
153 38.8 20.8 60.8
76 11.8 0.0 32.8

Manual Integrations
APPROVED

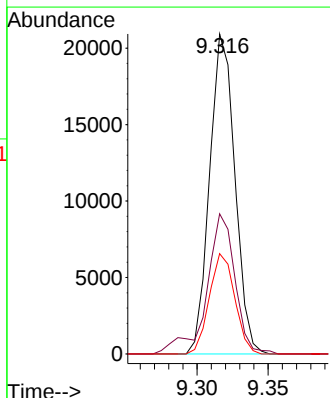
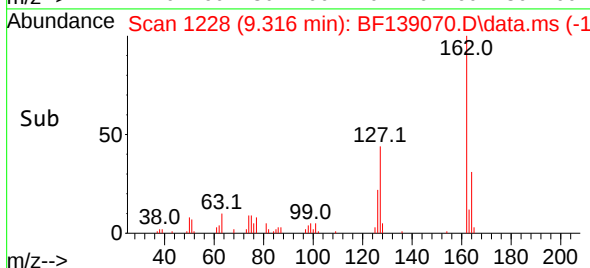
Reviewed By :Jagrut Upadhyay 08/20/2024
Supervised By :mohammad ahmed 08/21/2024

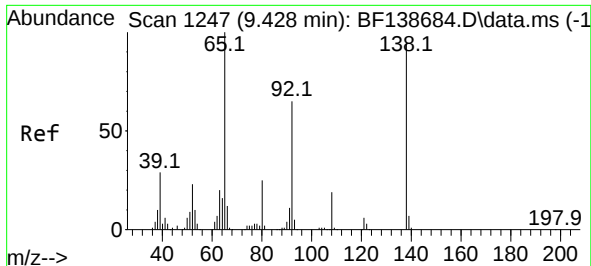


#47
2-Chloronaphthalene
Concen: 3.972 ng
RT: 9.316 min Scan# 1228
Delta R.T. -0.012 min
Lab File: BF139070.D
Acq: 19 Aug 2024 12:32



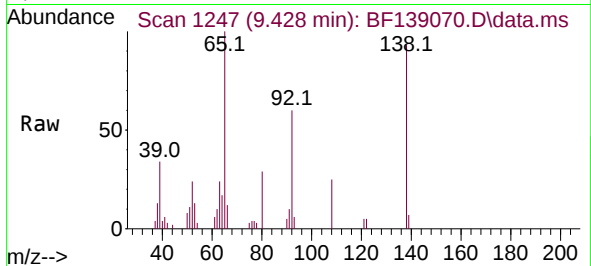
Tgt Ion:162 Resp: 25908
Ion Ratio Lower Upper
162 100
127 43.8 35.4 53.2
164 31.3 25.6 38.4





#48
2-Nitroaniline
Concen: 4.001 ng
RT: 9.428 min Scan# 1247
Delta R.T. 0.000 min
Lab File: BF139070.D
Acq: 19 Aug 2024 12:32

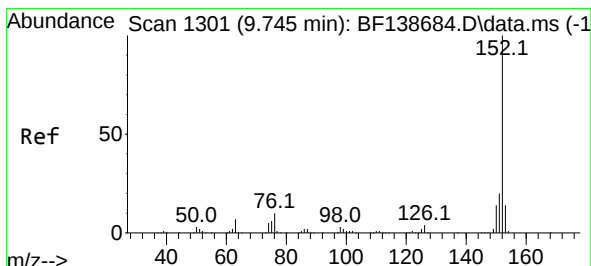
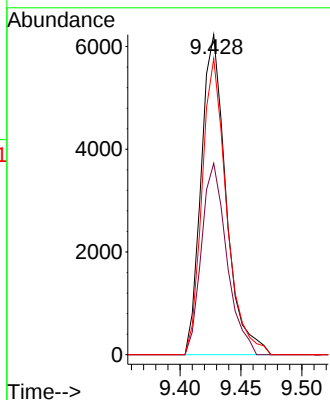
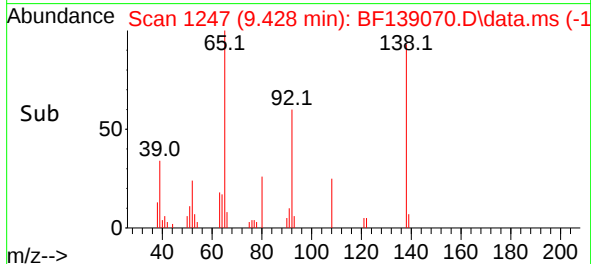
Instrument :
BNA_F
ClientSampleId :
MDL-WATER-03-QT3-2024



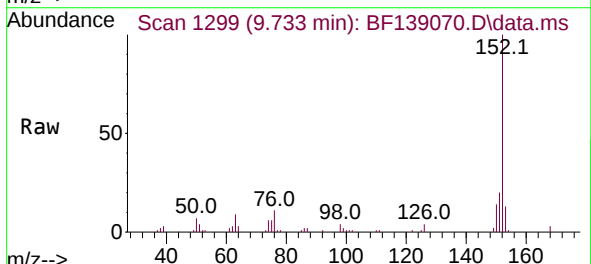
Tgt Ion: 65 Resp: 884
Ion Ratio Lower Upper
65 100
92 59.8 52.0 78.0
138 92.5 76.2 114.4

Manual Integrations
APPROVED

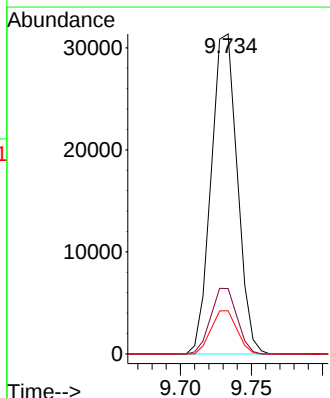
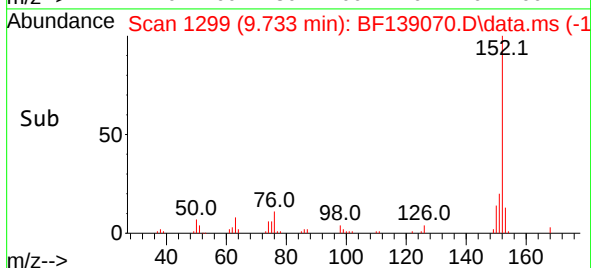
Reviewed By :Jagrut Upadhyay 08/20/2024
Supervised By :mohammad ahmed 08/21/2024

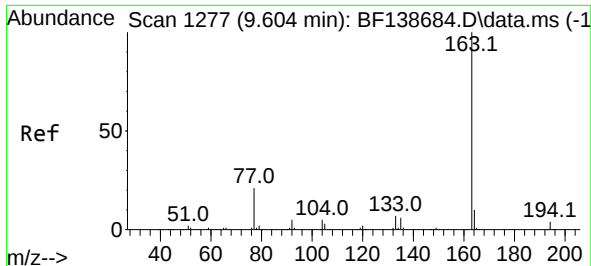


#49
Acenaphthylene
Concen: 4.353 ng
RT: 9.733 min Scan# 1299
Delta R.T. -0.012 min
Lab File: BF139070.D
Acq: 19 Aug 2024 12:32



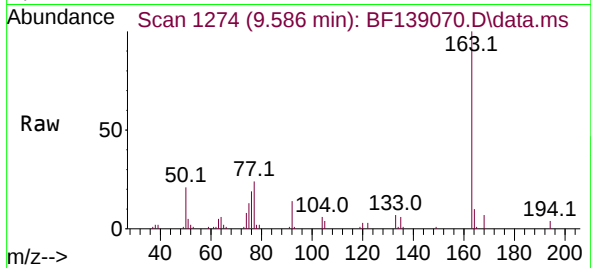
Tgt Ion:152 Resp: 40272
Ion Ratio Lower Upper
152 100
151 20.4 16.0 24.0
153 13.5 11.0 16.4





#50
Dimethylphthalate
Concen: 4.272 ng
RT: 9.586 min Scan# 1274
Delta R.T. -0.018 min
Lab File: BF139070.D
Acq: 19 Aug 2024 12:32

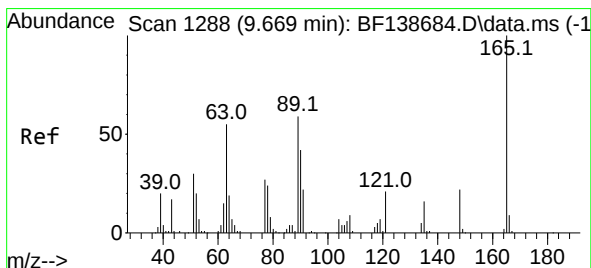
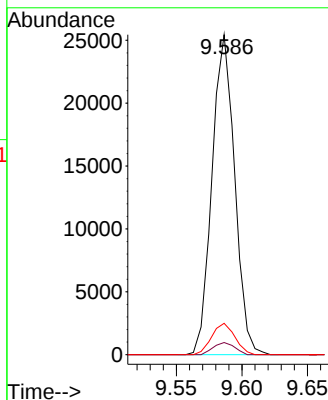
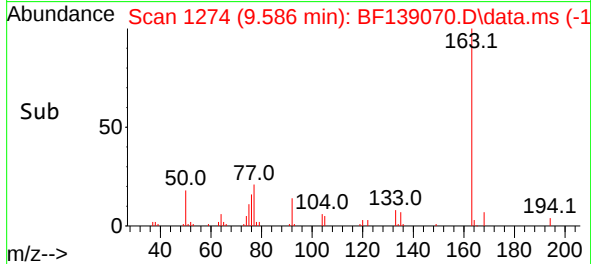
Instrument : BNA_F
ClientSampleId :
MDL-WATER-03-QT3-2024



Tgt Ion:163 Resp: 30590
Ion Ratio Lower Upper
163 100
194 3.8 3.1 4.7
164 9.8 7.8 11.8

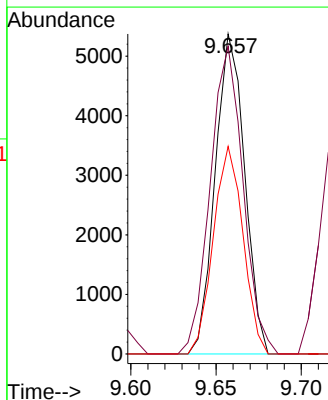
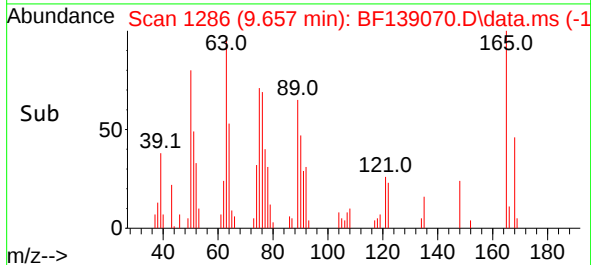
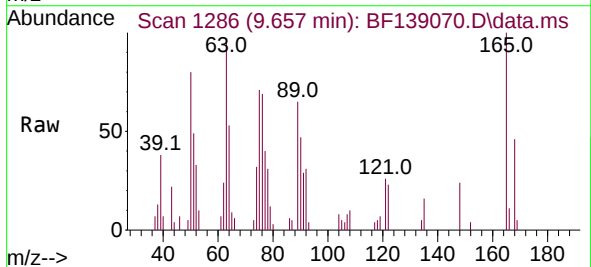
Manual Integrations
APPROVED

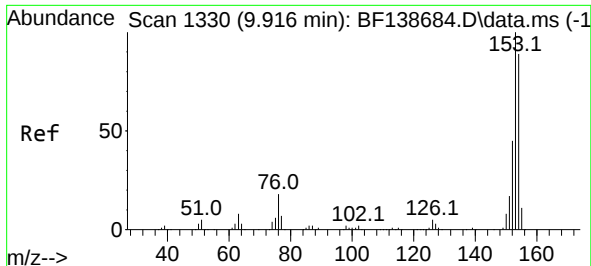
Reviewed By :Jagrut Upadhyay 08/20/2024
Supervised By :mohammad ahmed 08/21/2024



#51
2,6-Dinitrotoluene
Concen: 4.003 ng
RT: 9.657 min Scan# 1286
Delta R.T. -0.012 min
Lab File: BF139070.D
Acq: 19 Aug 2024 12:32

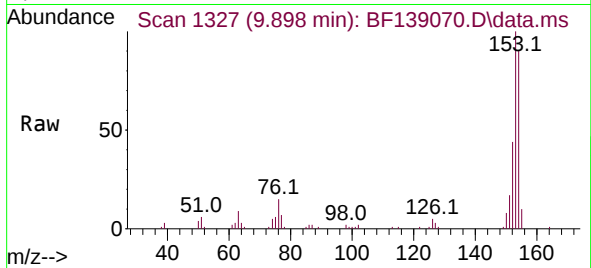
Tgt Ion:165 Resp: 6468
Ion Ratio Lower Upper
165 100
63 96.1 52.0 78.0#
89 64.8 47.0 70.6





#52
Acenaphthene
Concen: 4.095 ng
RT: 9.898 min Scan# 1327
Delta R.T. -0.018 min
Lab File: BF139070.D
Acq: 19 Aug 2024 12:32

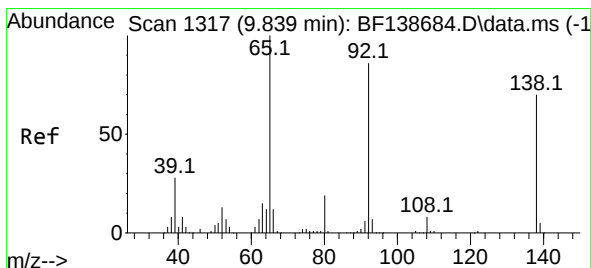
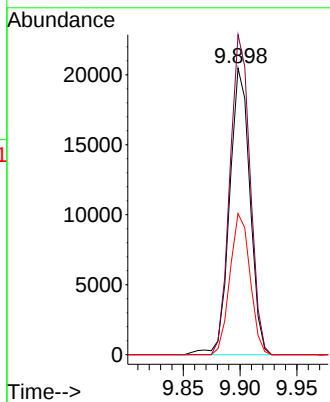
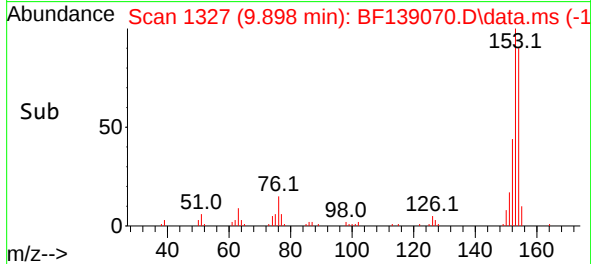
Instrument :
BNA_F
ClientSampleId :
MDL-WATER-03-QT3-2024



Tgt Ion:154 Resp: 25460
Ion Ratio Lower Upper
154 100
153 111.6 89.9 134.9
152 49.2 40.6 60.8

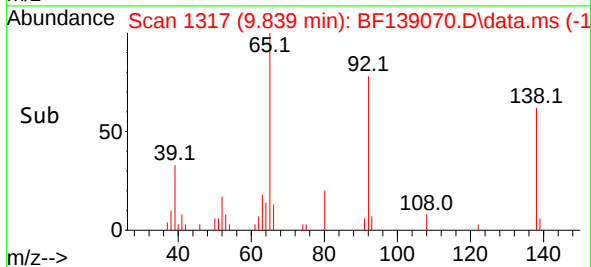
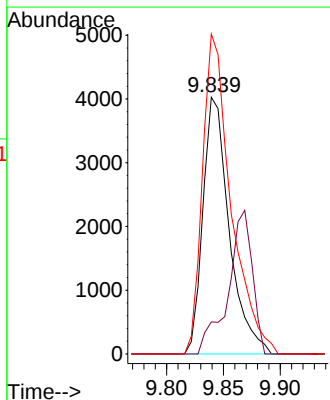
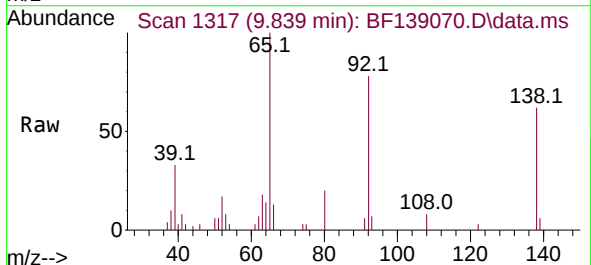
Manual Integrations
APPROVED

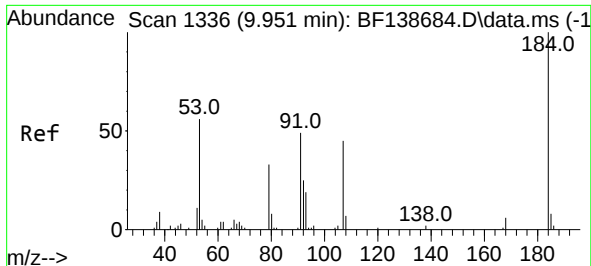
Reviewed By :Jagrut Upadhyay 08/20/2024
Supervised By :mohammad ahmed 08/21/2024



#53
3-Nitroaniline
Concen: 3.879 ng
RT: 9.839 min Scan# 1317
Delta R.T. 0.000 min
Lab File: BF139070.D
Acq: 19 Aug 2024 12:32

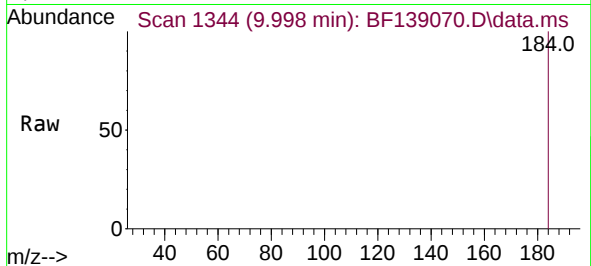
Tgt Ion:138 Resp: 6480
Ion Ratio Lower Upper
138 100
108 12.4 9.1 13.7
92 124.6 98.7 148.1





#54
2,4-Dinitrophenol
Concen: 0.156 ng
RT: 9.998 min Scan# 1344
Delta R.T. 0.047 min
Lab File: BF139070.D
Acq: 19 Aug 2024 12:32

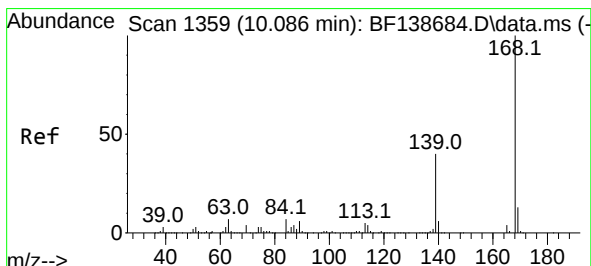
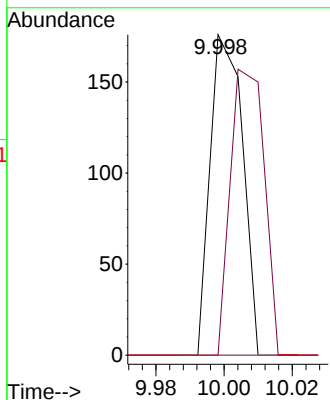
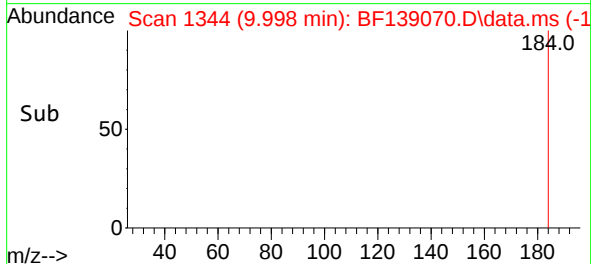
Instrument :
BNA_F
ClientSampleId :
MDL-WATER-03-QT3-2024



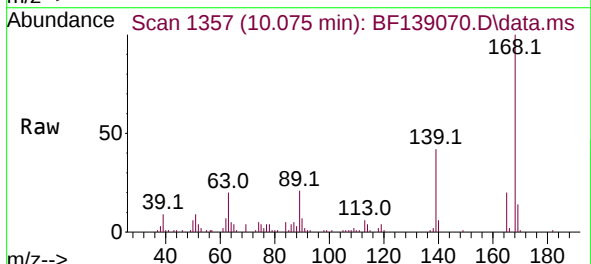
Tgt Ion:184 Resp: 110
Ion Ratio Lower Upper
184 100
63 0.0 57.5 86.3
154 0.0 51.7 77.5

Manual Integrations
APPROVED

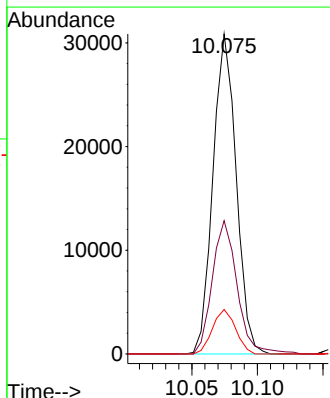
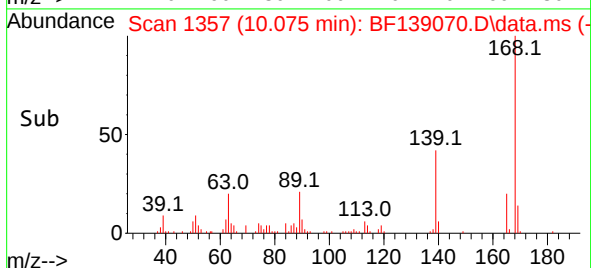
Reviewed By :Jagrut Upadhyay 08/20/2024
Supervised By :mohammad ahmed 08/21/2024

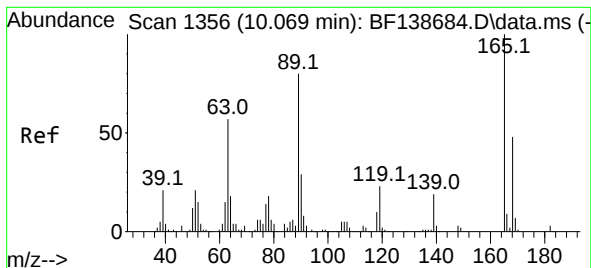


#55
Dibenzofuran
Concen: 4.319 ng
RT: 10.075 min Scan# 1357
Delta R.T. -0.012 min
Lab File: BF139070.D
Acq: 19 Aug 2024 12:32



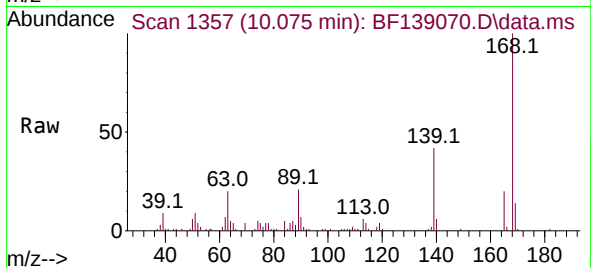
Tgt Ion:168 Resp: 37913
Ion Ratio Lower Upper
168 100
139 41.7 32.6 49.0
169 13.9 10.7 16.1





#57
2,4-Dinitrotoluene
Concen: 4.012 ng
RT: 10.075 min Scan# 1415
Delta R.T. 0.006 min
Lab File: BF139070.D
Acq: 19 Aug 2024 12:32

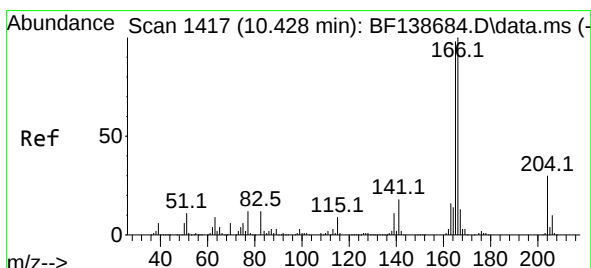
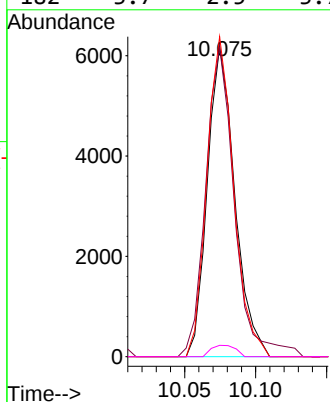
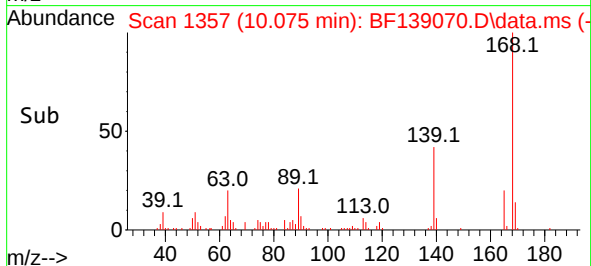
Instrument :
BNA_F
ClientSampleId :
MDL-WATER-03-QT3-2024



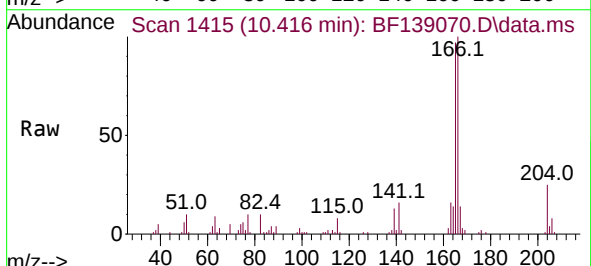
Tgt Ion:165 Resp: 827
Ion Ratio Lower Upper
165 100
63 99.8 46.3 69.5
89 103.2 64.2 96.4
182 3.7 2.5 3.7

Manual Integrations
APPROVED

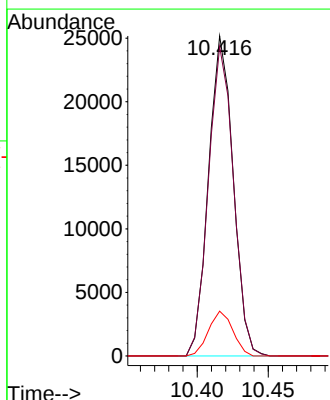
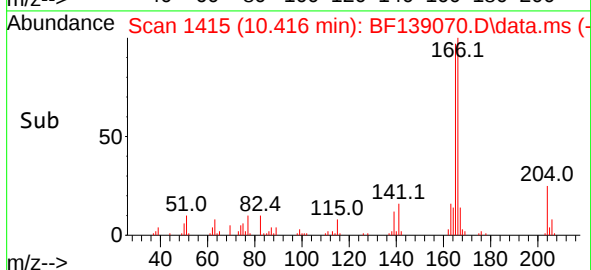
Reviewed By :Jagrut Upadhyay 08/20/2024
Supervised By :mohammad ahmed 08/21/2024

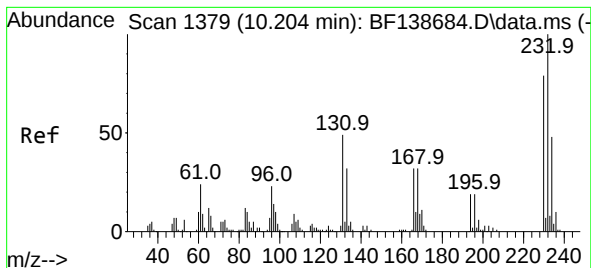


#58
Fluorene
Concen: 4.357 ng
RT: 10.416 min Scan# 1415
Delta R.T. -0.012 min
Lab File: BF139070.D
Acq: 19 Aug 2024 12:32



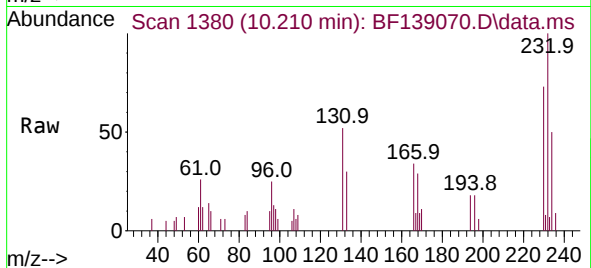
Tgt Ion:166 Resp: 30457
Ion Ratio Lower Upper
166 100
165 96.7 78.4 117.6
167 14.0 10.6 16.0





#59
2,3,4,6-Tetrachlorophenol
Concen: 3.689 ng m
RT: 10.210 min Scan# 1380
Delta R.T. 0.006 min
Lab File: BF139070.D
Acq: 19 Aug 2024 12:32

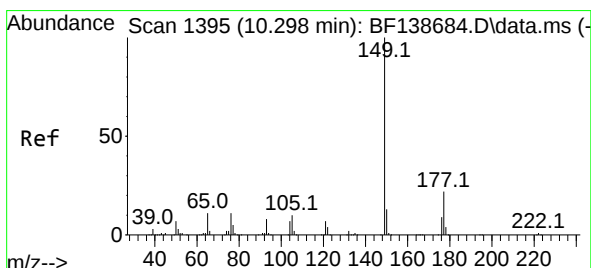
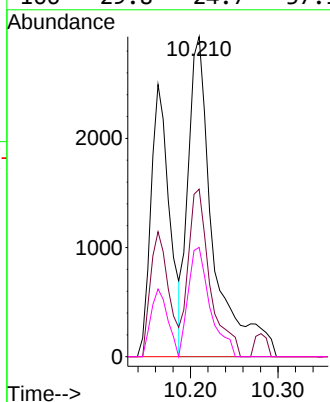
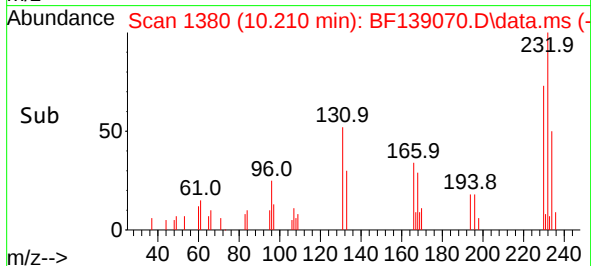
Instrument :
BNA_F
ClientSampleId :
MDL-WATER-03-QT3-2024



Tgt Ion:232 Resp: 584
Ion Ratio Lower Upper
232 100
131 45.4 37.0 55.4
130 0.0 2.0 3.0
166 29.8 24.7 37.1

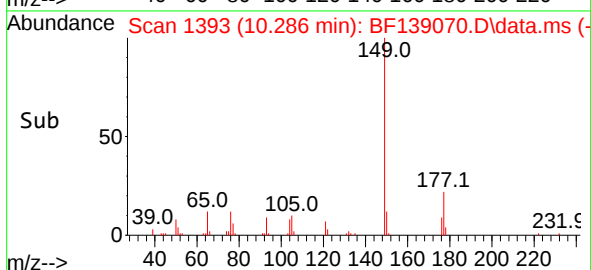
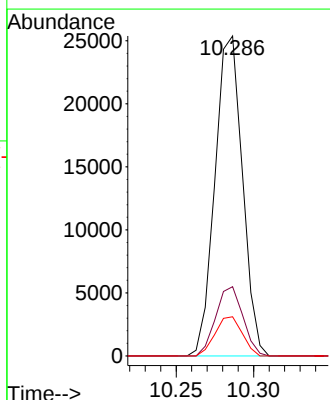
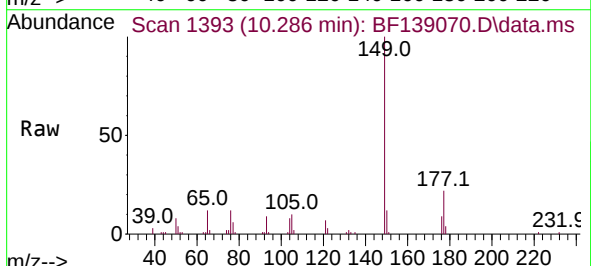
Manual Integrations
APPROVED

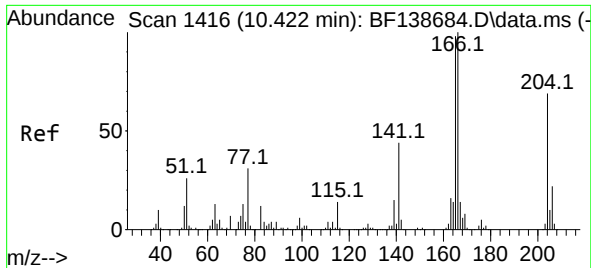
Reviewed By :Jagrut Upadhyay 08/20/2024
Supervised By :mohammad ahmed 08/21/2024



#60
Diethylphthalate
Concen: 4.608 ng
RT: 10.286 min Scan# 1393
Delta R.T. -0.012 min
Lab File: BF139070.D
Acq: 19 Aug 2024 12:32

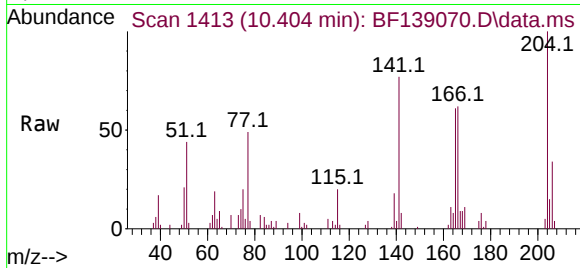
Tgt Ion:149 Resp: 31282
Ion Ratio Lower Upper
149 100
177 21.7 17.8 26.8
150 12.3 10.1 15.1





#61
4-Chlorophenyl-phenylether
Concen: 4.278 ng
RT: 10.404 min Scan# 1413
Delta R.T. -0.018 min
Lab File: BF139070.D
Acq: 19 Aug 2024 12:32

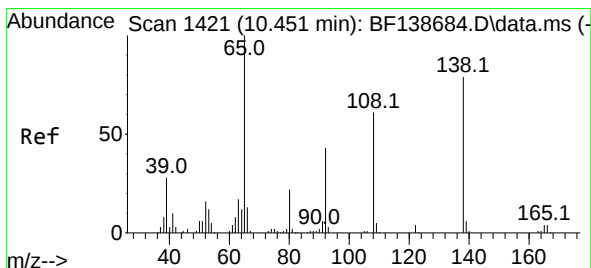
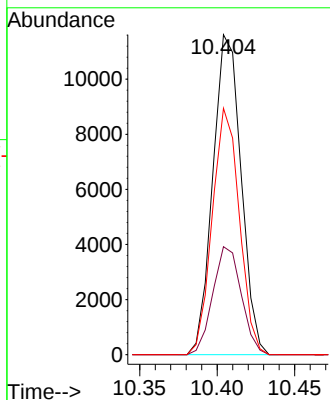
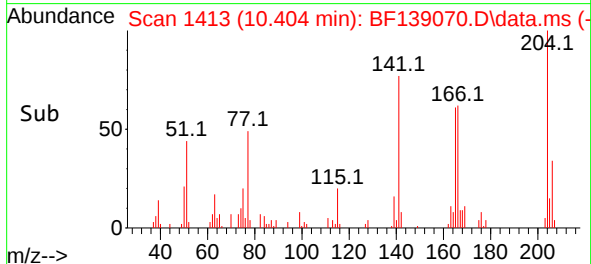
Instrument :
BNA_F
ClientSampleId :
MDL-WATER-03-QT3-2024



Tgt Ion:204 Resp: 1470
Ion Ratio Lower Upper
204 100
206 33.7 26.1 39.1
141 77.0 51.4 77.0

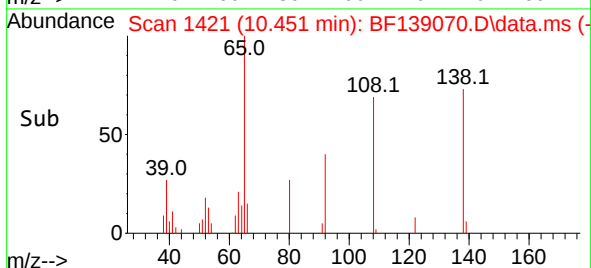
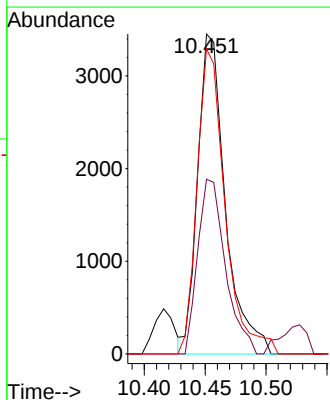
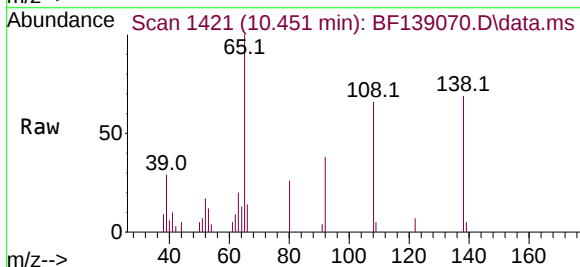
Manual Integrations
APPROVED

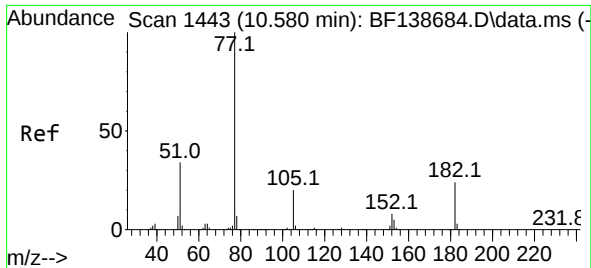
Reviewed By :Jagrut Upadhyay 08/20/2024
Supervised By :mohammad ahmed 08/21/2024



#62
4-Nitroaniline
Concen: 3.441 ng
RT: 10.451 min Scan# 1421
Delta R.T. 0.000 min
Lab File: BF139070.D
Acq: 19 Aug 2024 12:32

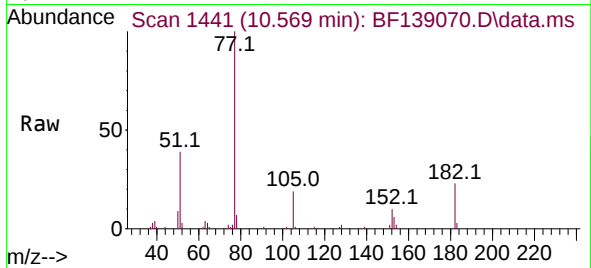
Tgt Ion:138 Resp: 5463
Ion Ratio Lower Upper
138 100
92 54.6 34.2 74.2
108 95.3 56.2 96.2





#63
Azobenzene
Concen: 4.380 ng
RT: 10.569 min Scan# 1443
Delta R.T. -0.012 min
Lab File: BF139070.D
Acq: 19 Aug 2024 12:32

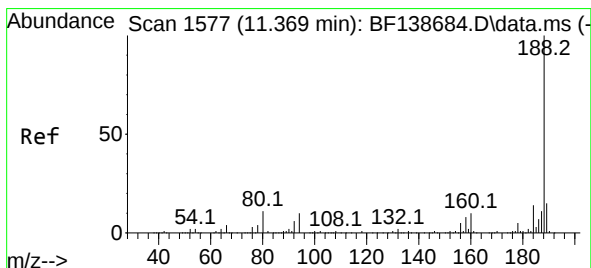
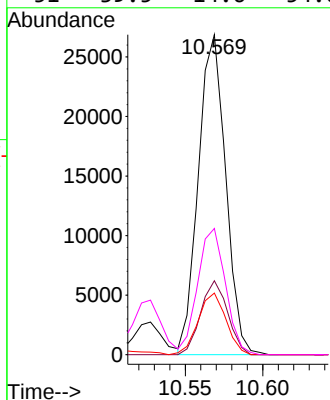
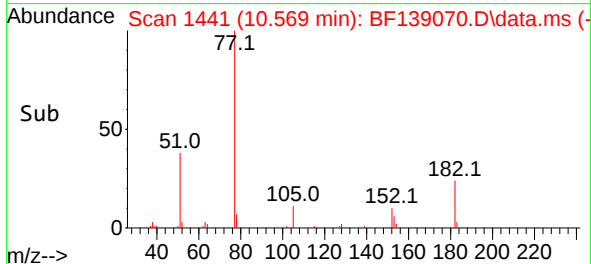
Instrument : BNA_F
ClientSampleId : MDL-WATER-03-QT3-2024



Tgt Ion: 77 Resp: 3298
Ion Ratio Lower Upper
77 100
182 23.1 3.4 43.4
105 19.3 0.2 40.2
51 39.5 14.6 54.6

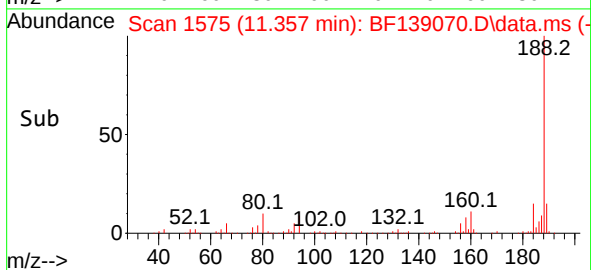
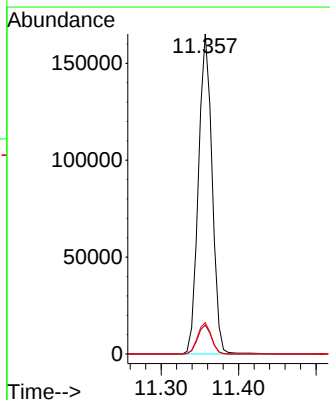
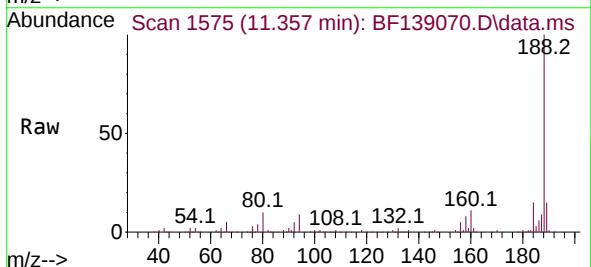
Manual Integrations
APPROVED

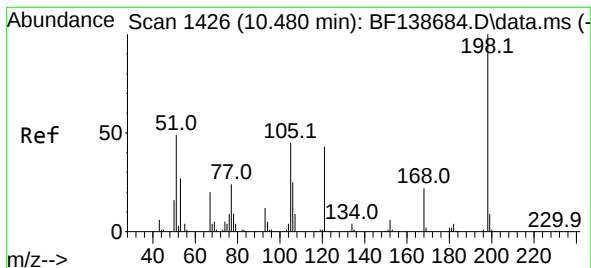
Reviewed By :Jagrut Upadhyay 08/20/2024
Supervised By :mohammad ahmed 08/21/2024



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.357 min Scan# 1575
Delta R.T. -0.012 min
Lab File: BF139070.D
Acq: 19 Aug 2024 12:32

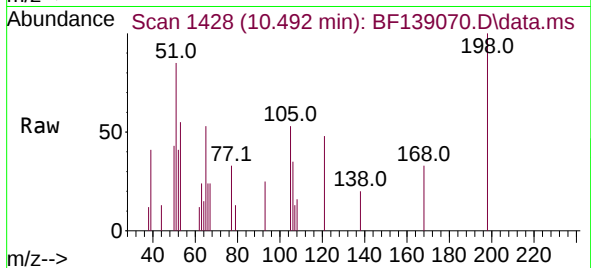
Tgt Ion:188 Resp: 201770
Ion Ratio Lower Upper
188 100
94 9.1 7.6 11.4
80 9.8 8.6 12.8





#65
4,6-Dinitro-2-methylphenol
Concen: 1.900 ng
RT: 10.492 min Scan# 1426
Delta R.T. 0.012 min
Lab File: BF139070.D
Acq: 19 Aug 2024 12:32

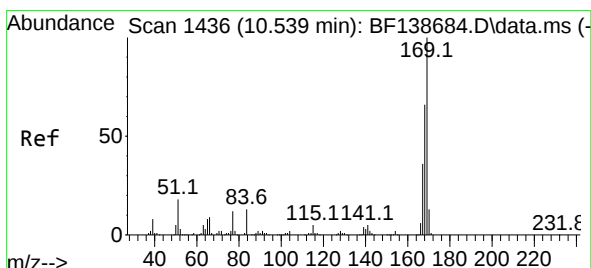
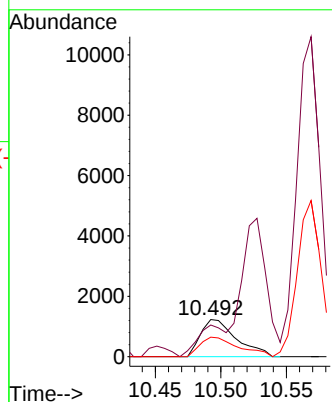
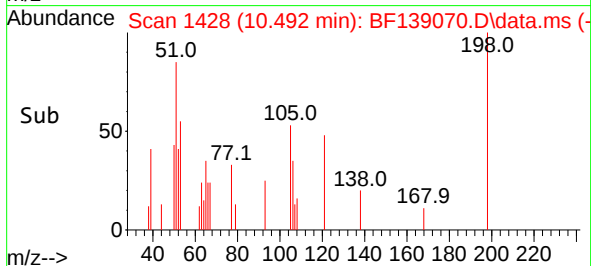
Instrument :
BNA_F
ClientSampleId :
MDL-WATER-03-QT3-2024



Tgt Ion:198 Resp: 2339
Ion Ratio Lower Upper
198 100
51 85.2 39.9 79.9
105 52.8 26.1 66.1

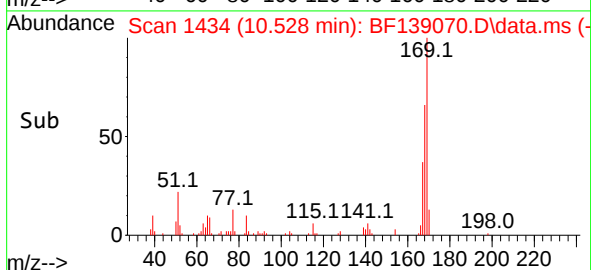
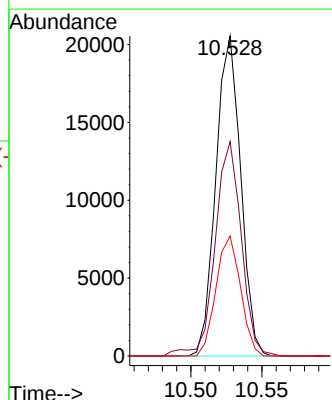
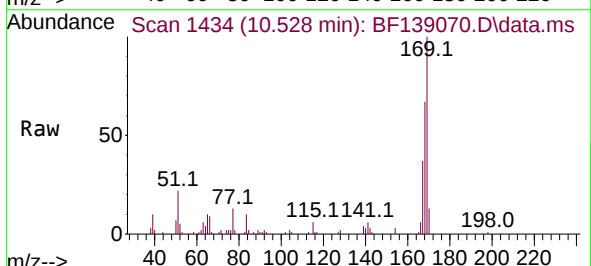
Manual Integrations
APPROVED

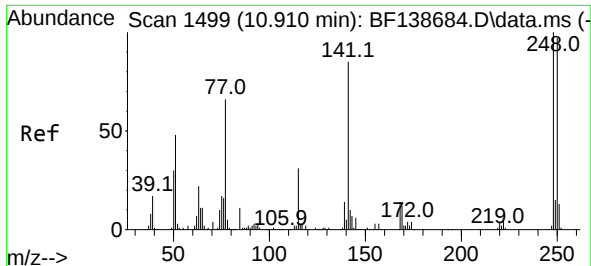
Reviewed By :Jagrut Upadhyay 08/20/2024
Supervised By :mohammad ahmed 08/21/2024



#66
n-Nitrosodiphenylamine
Concen: 3.967 ng
RT: 10.528 min Scan# 1434
Delta R.T. -0.012 min
Lab File: BF139070.D
Acq: 19 Aug 2024 12:32

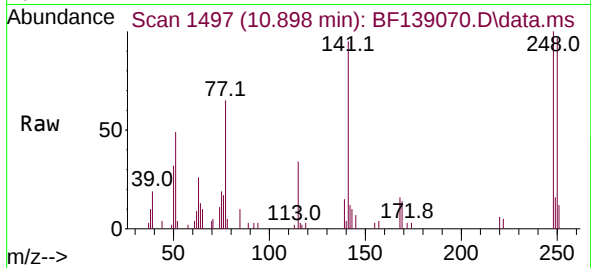
Tgt Ion:169 Resp: 25020
Ion Ratio Lower Upper
169 100
168 67.0 53.0 79.6
167 37.5 29.0 43.6





#67
4-Bromophenyl-phenylether
Concen: 3.842 ng
RT: 10.898 min Scan# 1499
Delta R.T. -0.012 min
Lab File: BF139070.D
Acq: 19 Aug 2024 12:32

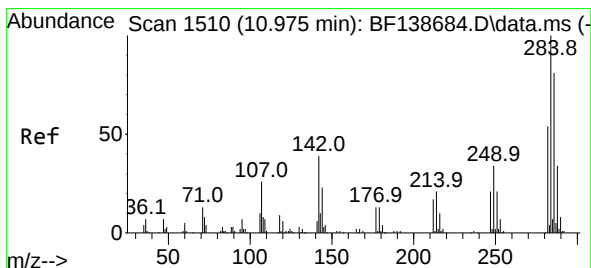
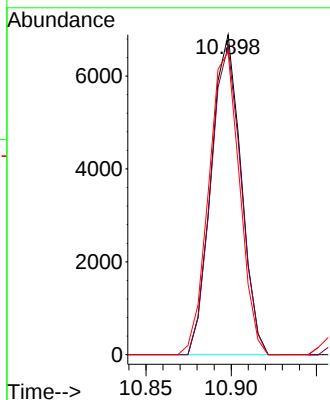
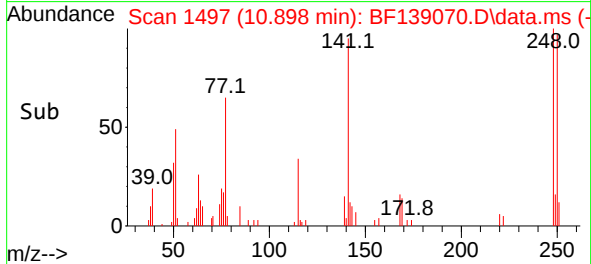
Instrument : BNA_F
ClientSampleId : MDL-WATER-03-QT3-2024



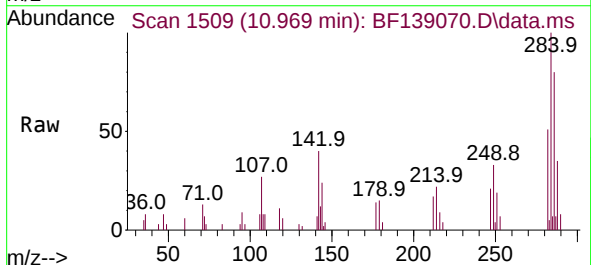
Tgt Ion:248 Resp: 8392
Ion Ratio Lower Upper
248 100
250 96.6 77.7 116.5
141 94.6 68.0 102.0

Manual Integrations
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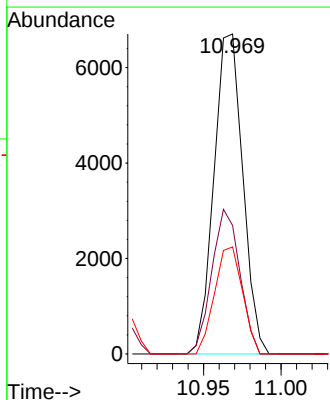
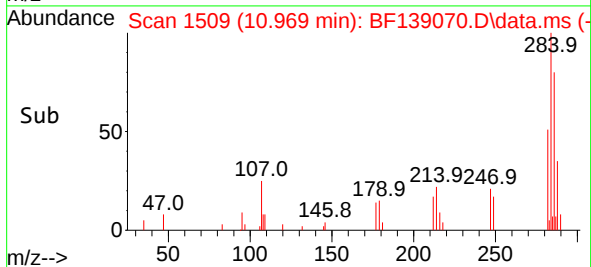
Reviewed By :Jagrut Upadhyay 08/20/2024
Supervised By :mohammad ahmed 08/21/2024

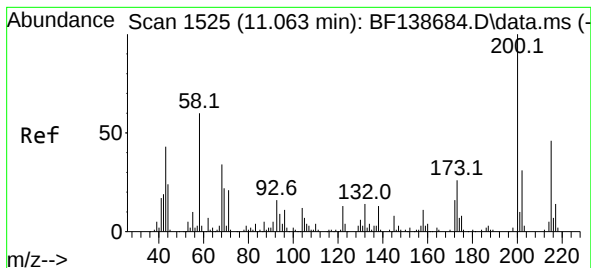


#68
Hexachlorobenzene
Concen: 3.843 ng
RT: 10.969 min Scan# 1509
Delta R.T. -0.006 min
Lab File: BF139070.D
Acq: 19 Aug 2024 12:32



Tgt Ion:284 Resp: 8668
Ion Ratio Lower Upper
284 100
142 40.2 31.3 46.9
249 33.5 27.2 40.8





#69

Atrazine

Concen: 5.415 ng

RT: 11.051 min Scan# 1525

Delta R.T. -0.012 min

Lab File: BF139070.D

Acq: 19 Aug 2024 12:32

Instrument :

BNA_F

ClientSampleId :

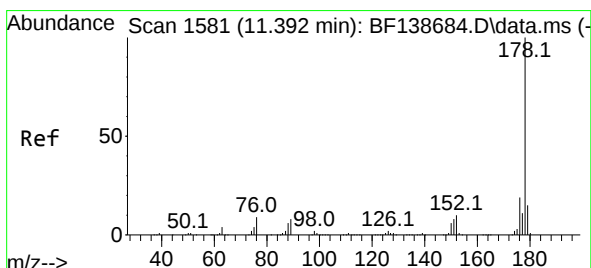
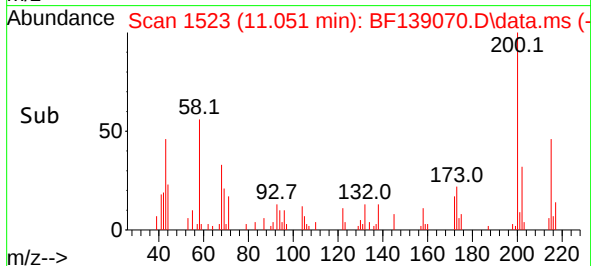
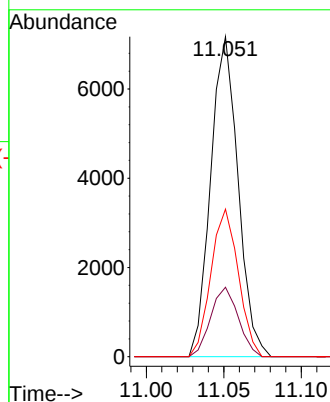
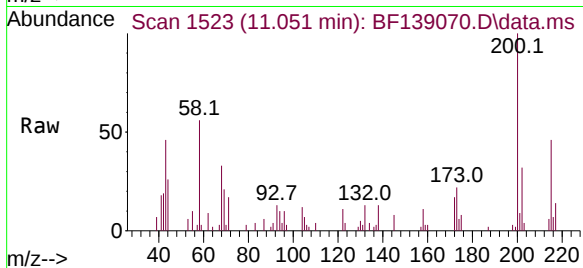
MDL-WATER-03-QT3-2024

Tgt Ion:200 Resp: 881
 Ion Ratio Lower Upper
 200 100
 173 21.7 6.0 46.0
 215 46.1 26.1 66.1

Manual Integrations

APPROVED

Reviewed By :Jagrut Upadhyay 08/20/2024
 Supervised By :mohammad ahmed 08/21/2024



#71

Phenanthrene

Concen: 4.144 ng

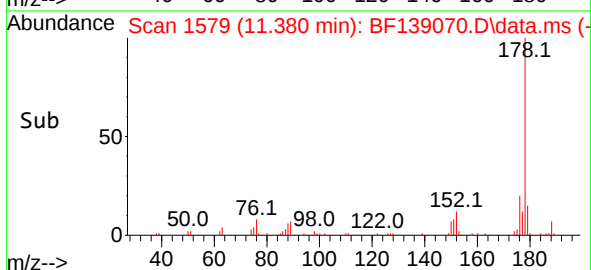
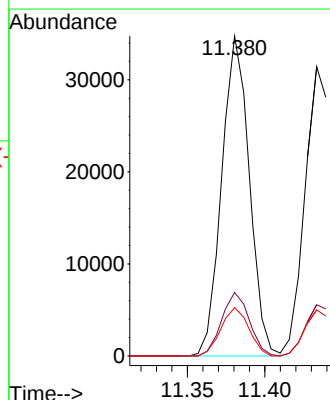
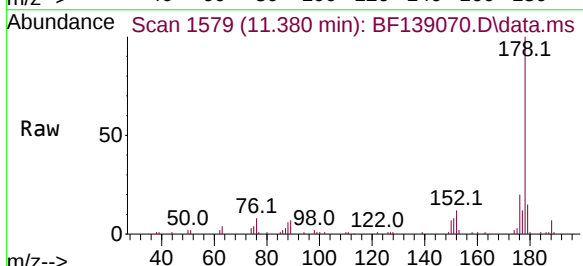
RT: 11.380 min Scan# 1579

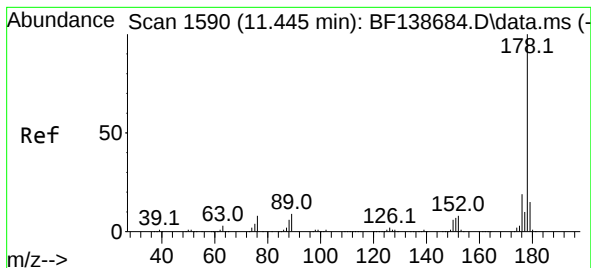
Delta R.T. -0.012 min

Lab File: BF139070.D

Acq: 19 Aug 2024 12:32

Tgt Ion:178 Resp: 43058
 Ion Ratio Lower Upper
 178 100
 176 19.8 15.4 23.0
 179 15.1 12.2 18.2





#72

Anthracene

Concen: 4.003 ng

RT: 11.433 min Scan# 1588

Delta R.T. -0.012 min

Lab File: BF139070.D

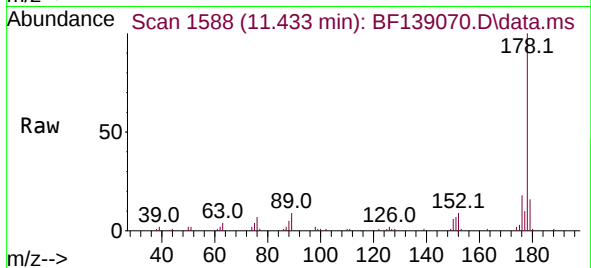
Acq: 19 Aug 2024 12:32

Instrument :

BNA_F

ClientSampleId :

MDL-WATER-03-QT3-2024



Tgt Ion:178 Resp: 40974

Ion Ratio Lower Upper

178 100

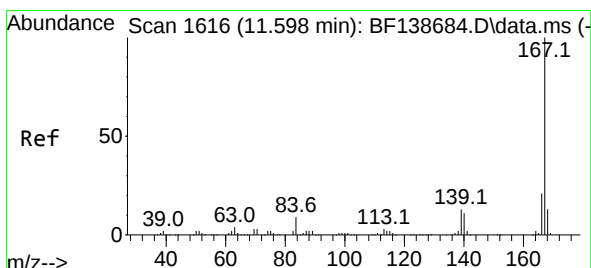
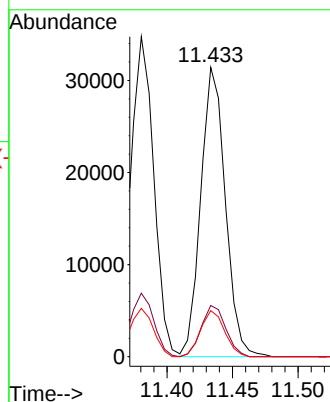
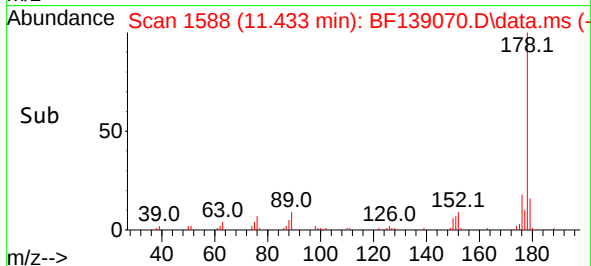
176 17.7 14.9 22.3

179 15.9 12.4 18.6

Manual Integrations

APPROVED

Reviewed By :Jagrut Upadhyay 08/20/2024
Supervised By :mohammad ahmed 08/21/2024



#73

Carbazole

Concen: 3.998 ng

RT: 11.598 min Scan# 1616

Delta R.T. 0.000 min

Lab File: BF139070.D

Acq: 19 Aug 2024 12:32

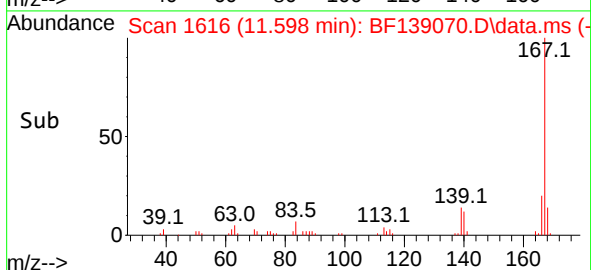
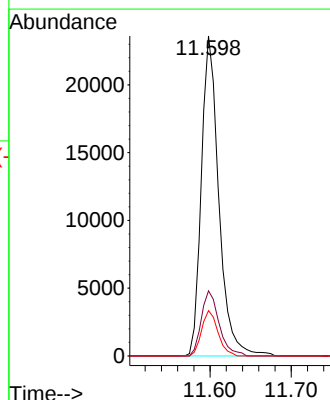
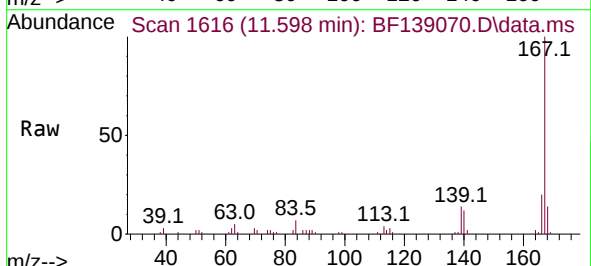
Tgt Ion:167 Resp: 35302

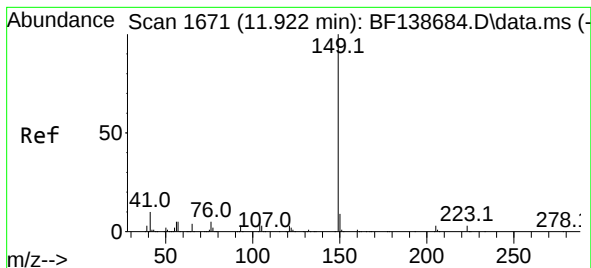
Ion Ratio Lower Upper

167 100

166 20.3 17.2 25.8

139 14.1 10.6 16.0





#74

Di-n-butylphthalate

Concen: 4.651 ng

RT: 11.910 min Scan# 1

Delta R.T. -0.012 min

Lab File: BF139070.D

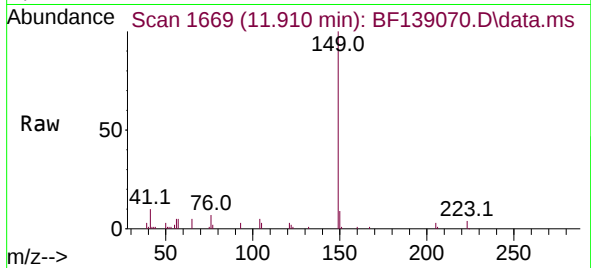
Acq: 19 Aug 2024 12:32

Instrument :

BNA_F

ClientSampleId :

MDL-WATER-03-QT3-2024

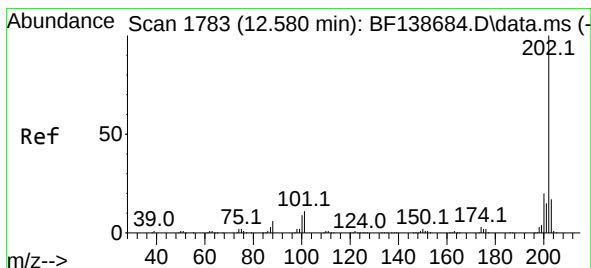
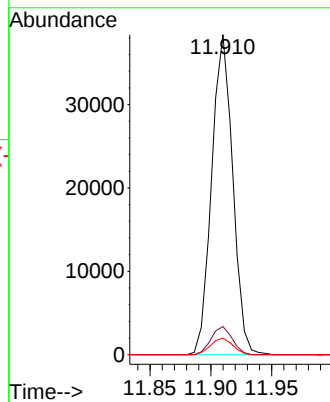
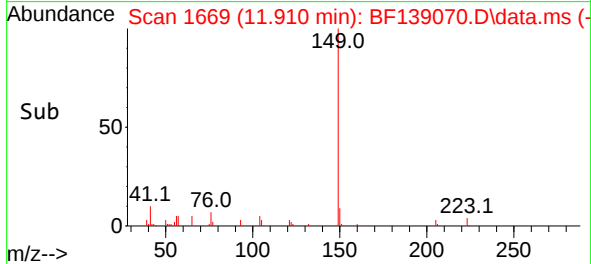


Tgt Ion:	149	Resp:	46172
Ion Ratio	Lower	Upper	
149	100		
150	8.8	7.4	11.0
104	5.2	4.1	6.1

Manual Integrations

APPROVED

Reviewed By :Jagrut Upadhyay 08/20/2024
Supervised By :mohammad ahmed 08/21/2024



#75

Fluoranthene

Concen: 4.283 ng

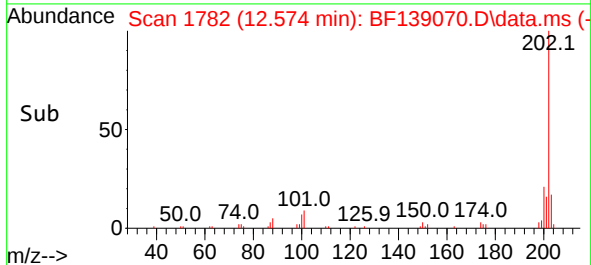
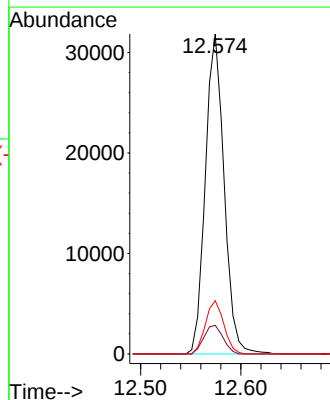
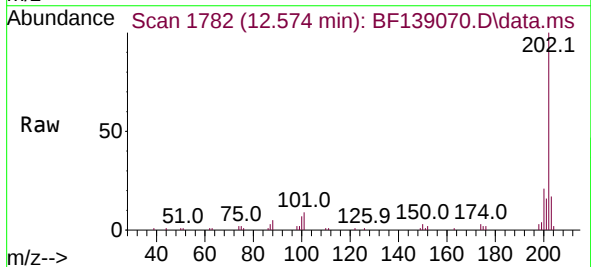
RT: 12.574 min Scan# 1782

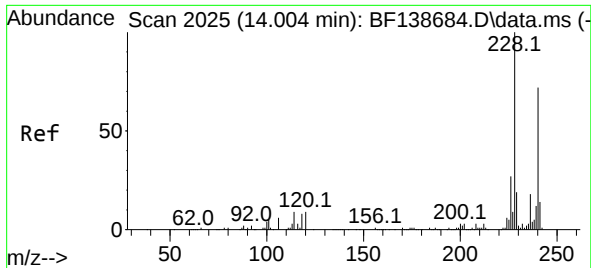
Delta R.T. -0.006 min

Lab File: BF139070.D

Acq: 19 Aug 2024 12:32

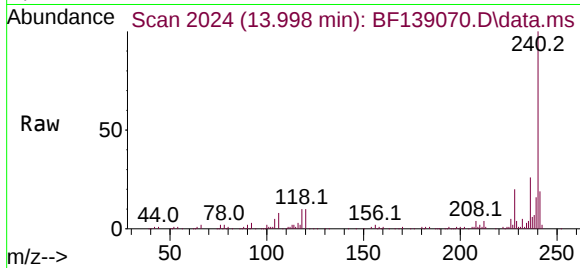
Tgt Ion:	202	Resp:	41546
Ion Ratio	Lower	Upper	
202	100		
101	9.0	0.0	31.2
203	16.7	0.0	37.3





#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.998 min Scan# 20
Delta R.T. -0.006 min
Lab File: BF139070.D
Acq: 19 Aug 2024 12:32

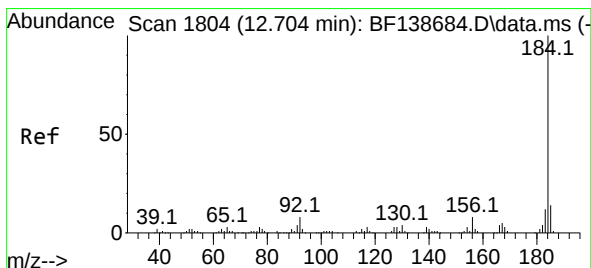
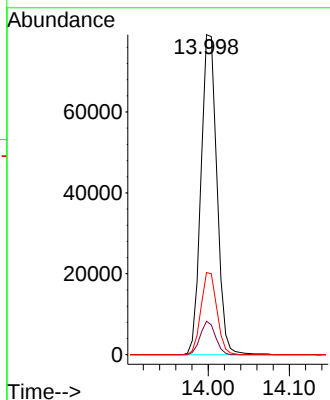
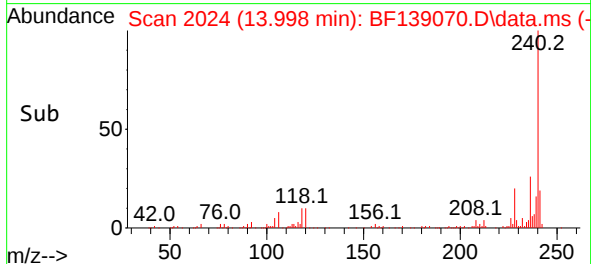
Instrument :
BNA_F
ClientSampleId :
MDL-WATER-03-QT3-2024



Tgt Ion:240 Resp: 107829
Ion Ratio Lower Upper
240 100
120 10.4 10.2 15.4
236 25.7 19.8 29.8

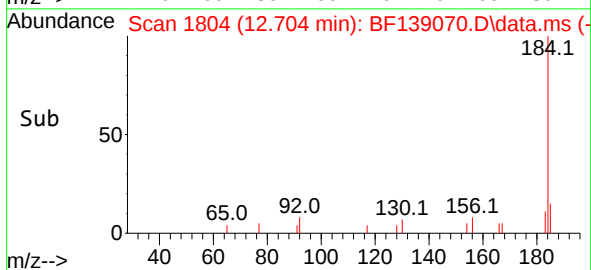
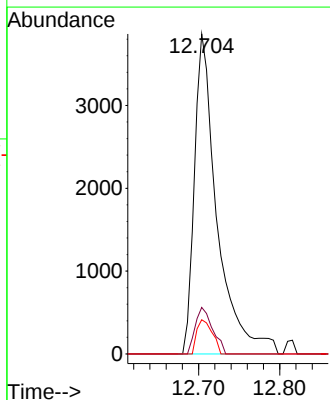
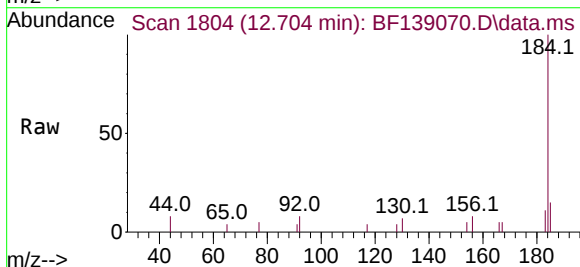
Manual Integrations
APPROVED

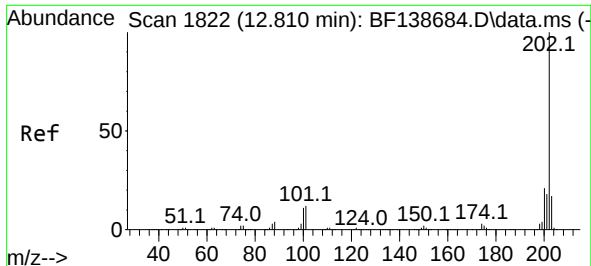
Reviewed By :Jagrut Upadhyay 08/20/2024
Supervised By :mohammad ahmed 08/21/2024



#77
Benzidine
Concen: 2.911 ng
RT: 12.704 min Scan# 1804
Delta R.T. -0.000 min
Lab File: BF139070.D
Acq: 19 Aug 2024 12:32

Tgt Ion:184 Resp: 7507
Ion Ratio Lower Upper
184 100
185 14.5 11.1 16.7
183 10.7 9.6 14.4





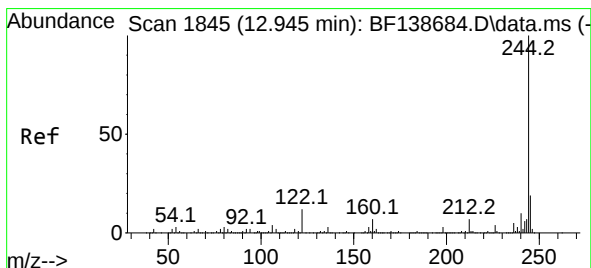
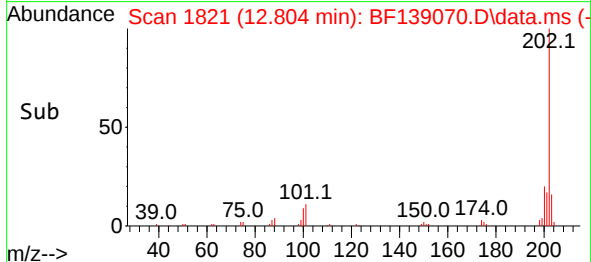
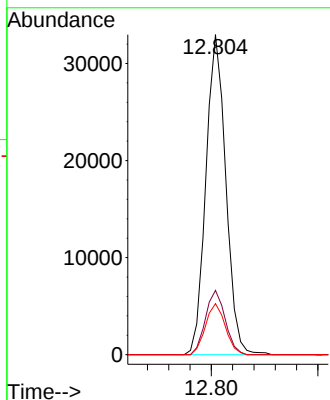
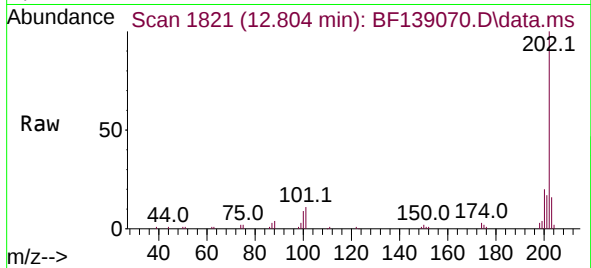
#78
Pyrene
Concen: 4.222 ng
RT: 12.804 min Scan# 1821
Delta R.T. -0.006 min
Lab File: BF139070.D
Acq: 19 Aug 2024 12:32

Instrument : BNA_F
ClientSampleId : MDL-WATER-03-QT3-2024

Tgt Ion:202 Resp: 42862
Ion Ratio Lower Upper
202 100
200 20.1 16.8 25.2
203 16.0 13.8 20.6

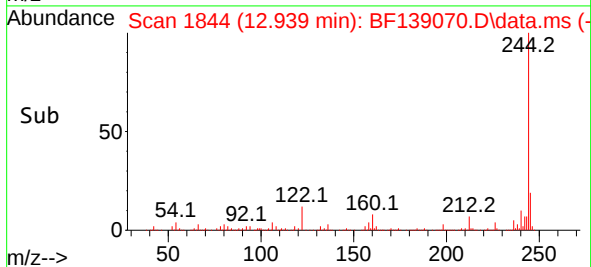
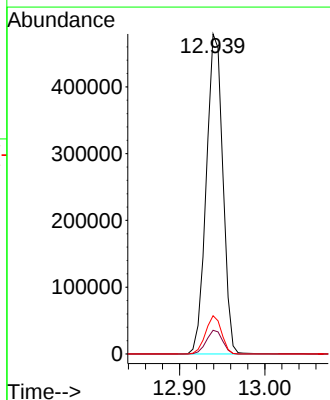
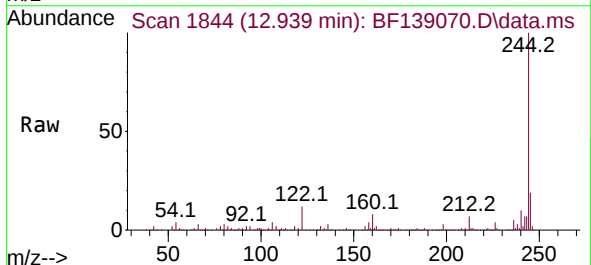
Manual Integrations
APPROVED

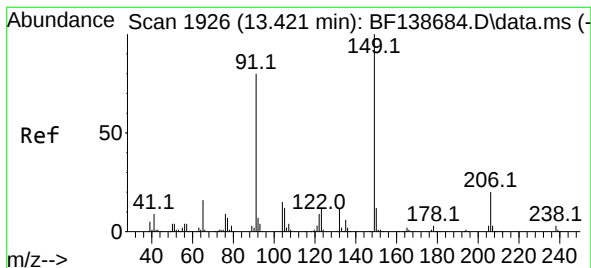
Reviewed By :Jagrut Upadhyay 08/20/2024
Supervised By :mohammad ahmed 08/21/2024



#79
Terphenyl-d14
Concen: 100.170 ng
RT: 12.939 min Scan# 1844
Delta R.T. -0.006 min
Lab File: BF139070.D
Acq: 19 Aug 2024 12:32

Tgt Ion:244 Resp: 645129
Ion Ratio Lower Upper
244 100
212 7.4 5.4 8.2
122 11.9 9.6 14.4





#80

Butylbenzylphthalate

Concen: 4.884 ng

RT: 13.410 min Scan# 1926

Delta R.T. -0.012 min

Lab File: BF139070.D

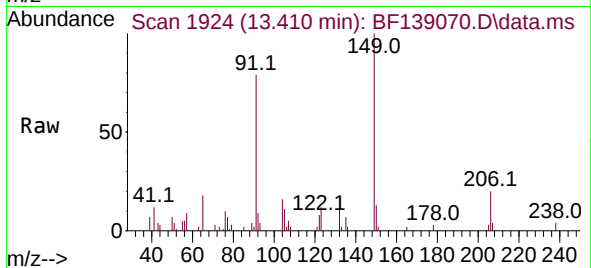
Acq: 19 Aug 2024 12:32

Instrument :

BNA_F

ClientSampleId :

MDL-WATER-03-QT3-2024

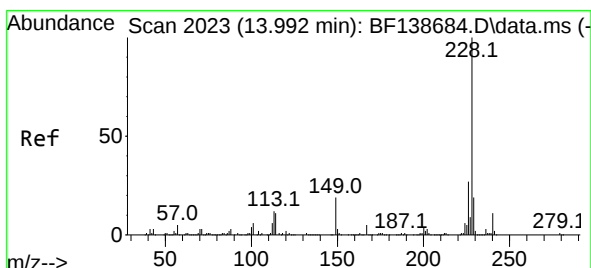
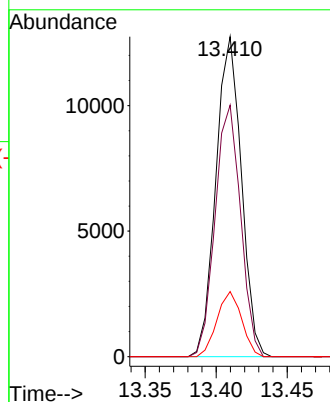
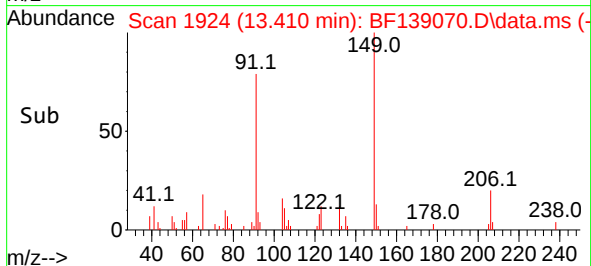


Tgt Ion	Ratio	Lower	Upper
149	100		
91	78.6	63.7	95.5
206	20.4	16.2	24.2

Manual Integrations

APPROVED

Reviewed By :Jagrut Upadhyay 08/20/2024
Supervised By :mohammad ahmed 08/21/2024



#81

Benzo(a)anthracene

Concen: 4.083 ng

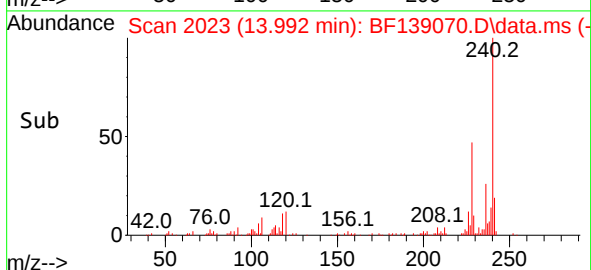
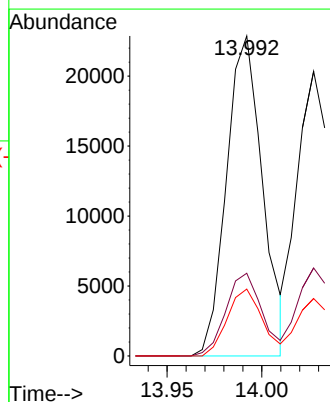
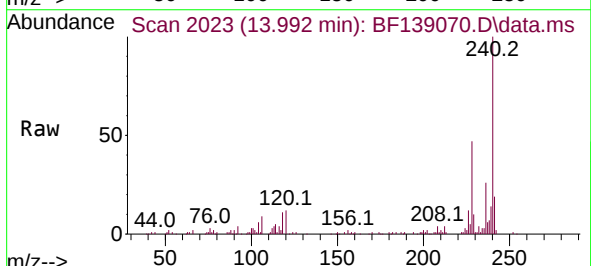
RT: 13.992 min Scan# 2023

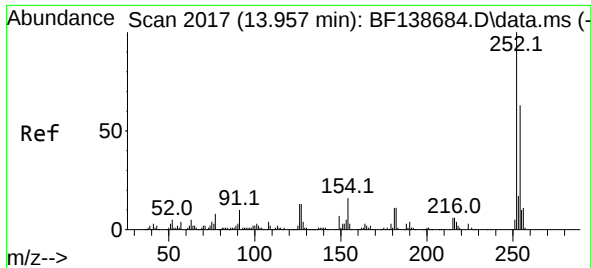
Delta R.T. 0.000 min

Lab File: BF139070.D

Acq: 19 Aug 2024 12:32

Tgt Ion	Ratio	Lower	Upper
228	100		
226	25.9	22.1	33.1
229	20.9	15.4	23.0





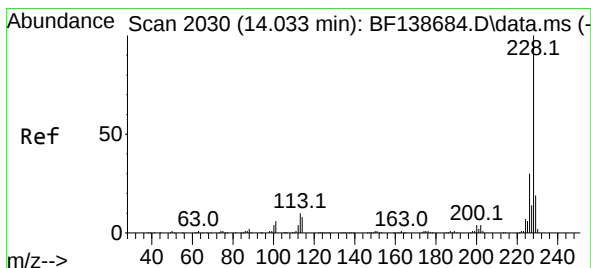
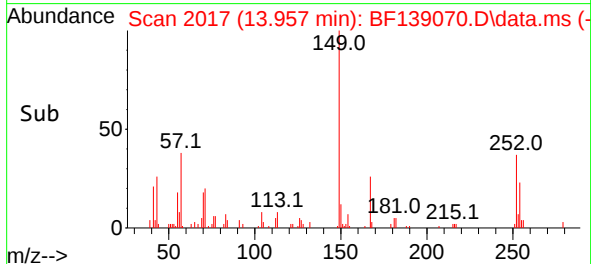
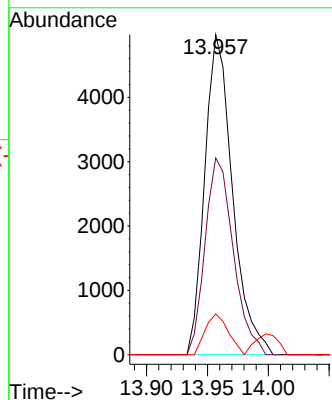
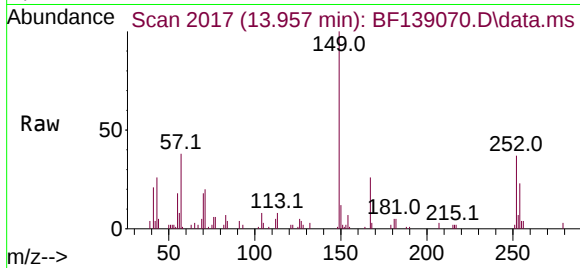
#82
3,3'-Dichlorobenzidine
Concen: 4.156 ng
RT: 13.957 min Scan# 2017
Delta R.T. 0.000 min
Lab File: BF139070.D
Acq: 19 Aug 2024 12:32

Instrument :
BNA_F
ClientSampleId :
MDL-WATER-03-QT3-2024

Tgt Ion	Ratio	Lower	Upper
252	100		
254	61.5	50.8	76.2
126	12.7	10.2	15.2

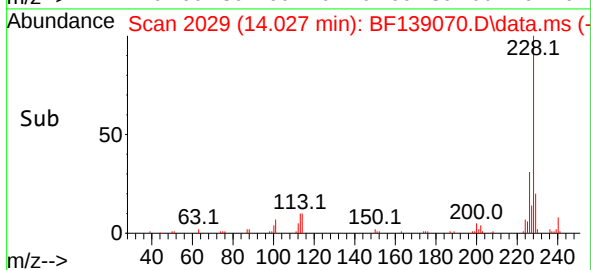
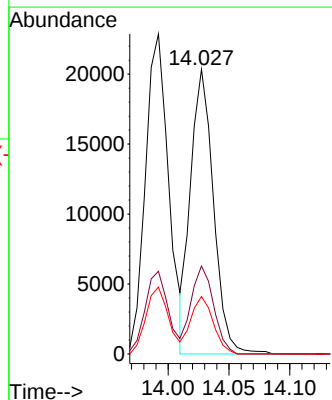
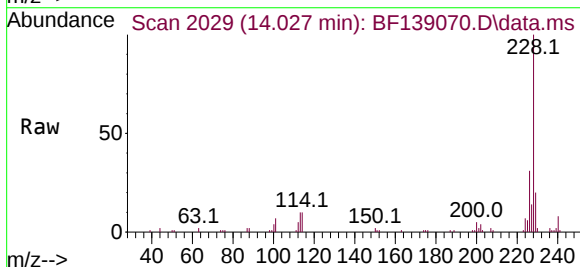
Manual Integrations
APPROVED

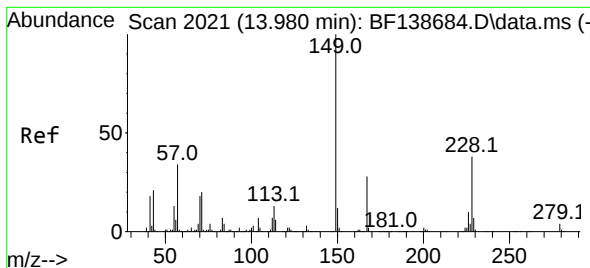
Reviewed By :Jagrut Upadhyay 08/20/2024
Supervised By :mohammad ahmed 08/21/2024



#83
Chrysene
Concen: 3.983 ng
RT: 14.027 min Scan# 2029
Delta R.T. -0.006 min
Lab File: BF139070.D
Acq: 19 Aug 2024 12:32

Tgt Ion	Ratio	Lower	Upper
228	100		
226	30.9	23.7	35.5
229	20.2	15.0	22.6





#84

Bis(2-ethylhexyl)phthalate

Concen: 4.009 ng

RT: 13.963 min Scan# 2021

Delta R.T. -0.018 min

Lab File: BF139070.D

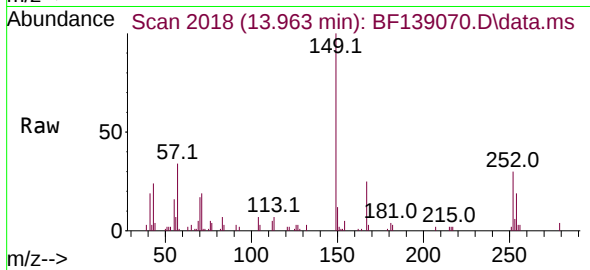
Acq: 19 Aug 2024 12:32

Instrument :

BNA_F

ClientSampleId :

MDL-WATER-03-QT3-2024

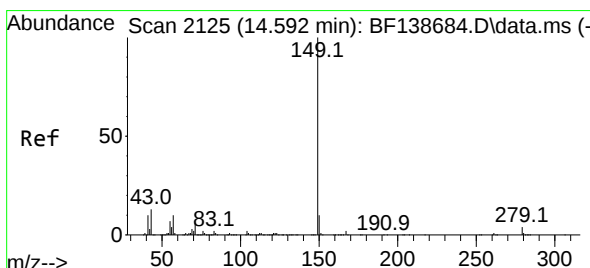
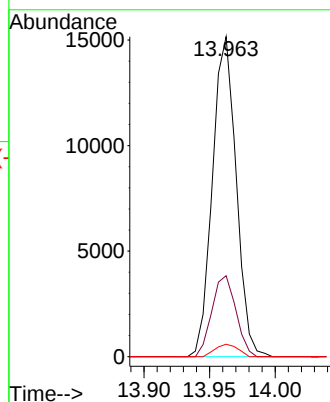
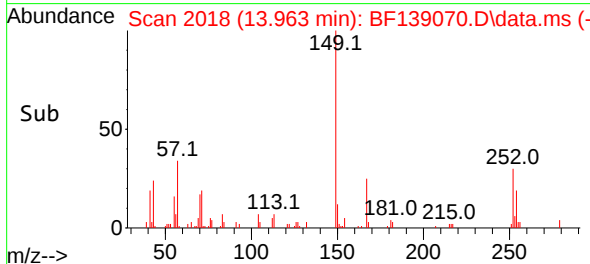


Tgt Ion	Ratio	Lower	Upper
149	100		
167	25.3	22.2	33.4
279	3.9	3.4	5.0

Manual Integrations

APPROVED

Reviewed By :Jagrut Upadhyay 08/20/2024
Supervised By :mohammad ahmed 08/21/2024



#85

Di-n-octyl phthalate

Concen: 2.806 ng

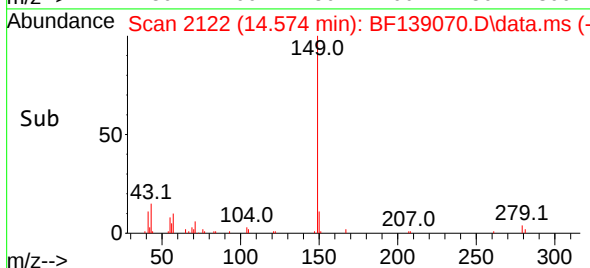
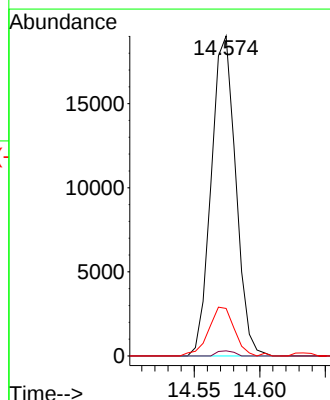
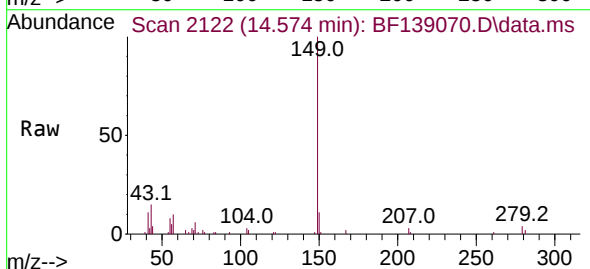
RT: 14.574 min Scan# 2122

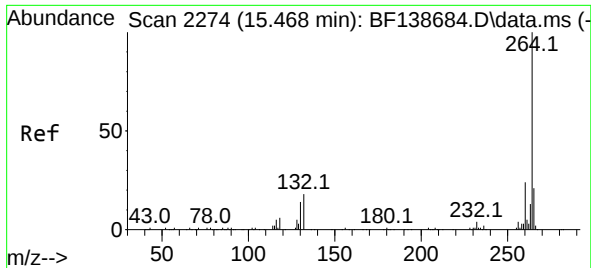
Delta R.T. -0.018 min

Lab File: BF139070.D

Acq: 19 Aug 2024 12:32

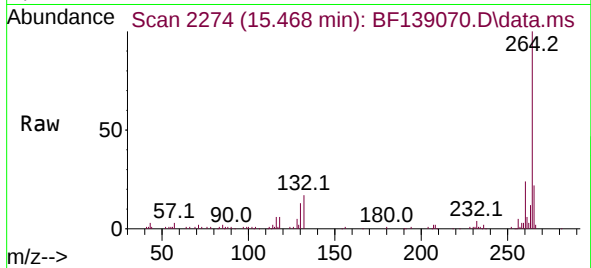
Tgt Ion	Ratio	Lower	Upper
149	100		
167	1.1	1.4	2.0#
43	16.2	10.4	15.6#





#86
Perylene-d12
Concen: 20.000 ng
RT: 15.468 min Scan# 21
Delta R.T. 0.000 min
Lab File: BF139070.D
Acq: 19 Aug 2024 12:32

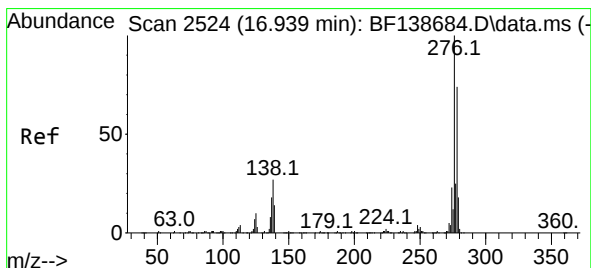
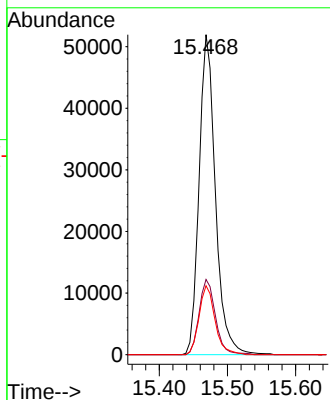
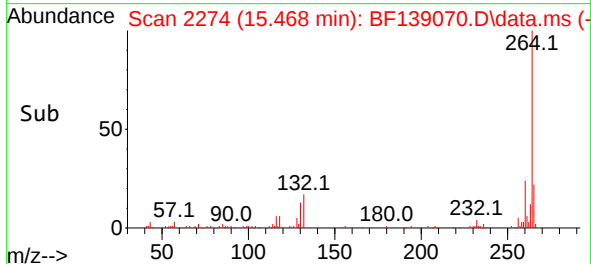
Instrument :
BNA_F
ClientSampleId :
MDL-WATER-03-QT3-2024



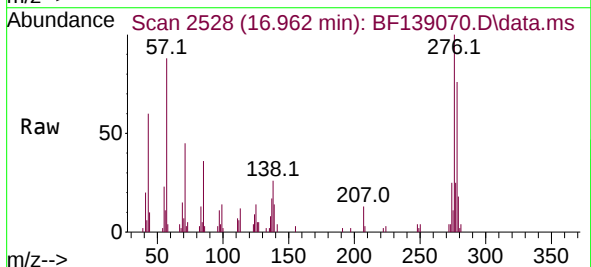
Tgt Ion:264 Resp: 8630
Ion Ratio Lower Upper
264 100
260 23.5 19.0 28.6
265 21.6 17.0 25.6

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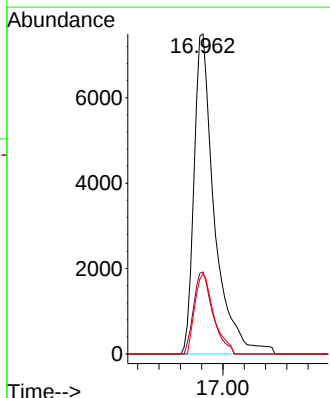
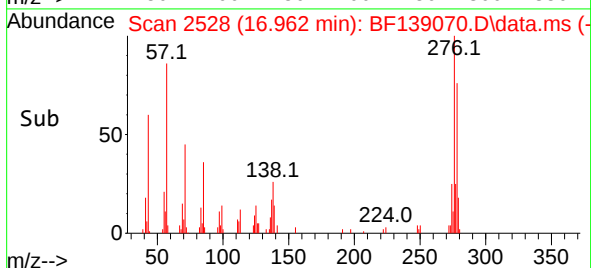
Reviewed By :Jagrut Upadhyay 08/20/2024
Supervised By :mohammad ahmed 08/21/2024

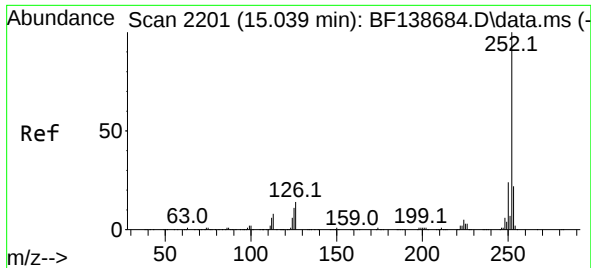


#87
Indeno(1,2,3-cd)pyrene
Concen: 3.222 ng
RT: 16.962 min Scan# 2528
Delta R.T. 0.024 min
Lab File: BF139070.D
Acq: 19 Aug 2024 12:32



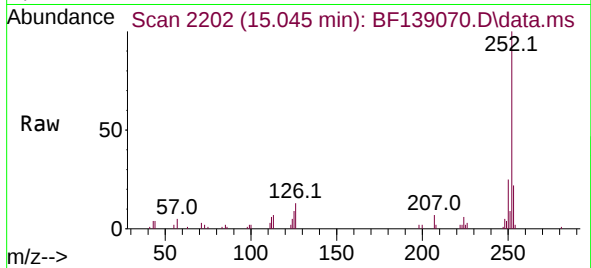
Tgt Ion:276 Resp: 19928
Ion Ratio Lower Upper
276 100
138 24.0 21.8 32.8
277 23.2 20.6 30.8





#88
Benzo(b)fluoranthene
Concen: 3.896 ng
RT: 15.045 min Scan# 21
Delta R.T. 0.006 min
Lab File: BF139070.D
Acq: 19 Aug 2024 12:32

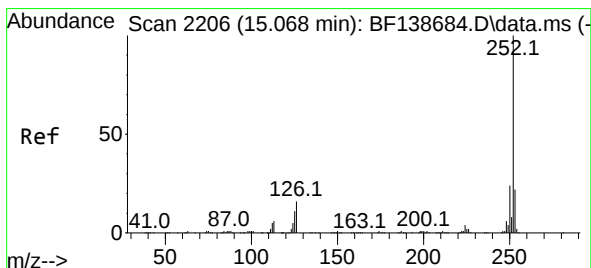
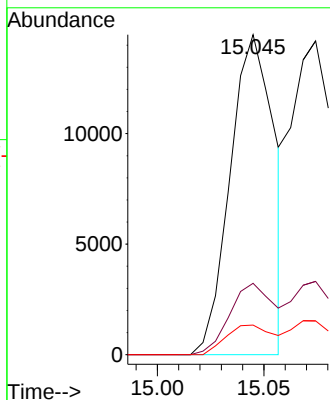
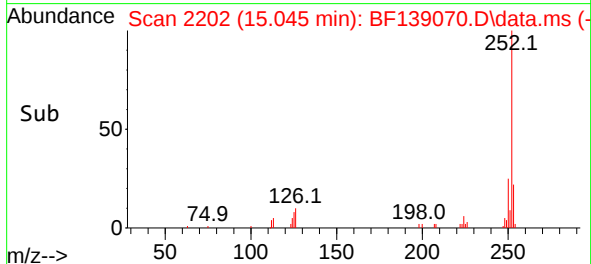
Instrument :
BNA_F
ClientSampleId :
MDL-WATER-03-QT3-2024



Tgt Ion:252 Resp: 20840
Ion Ratio Lower Upper
252 100
253 22.3 17.5 26.3
125 9.3 8.9 13.3

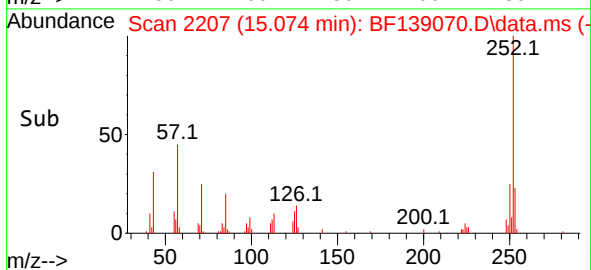
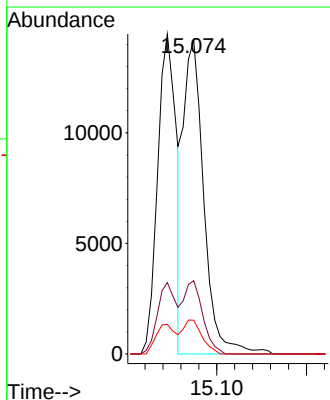
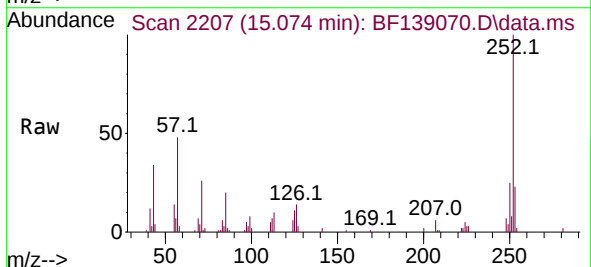
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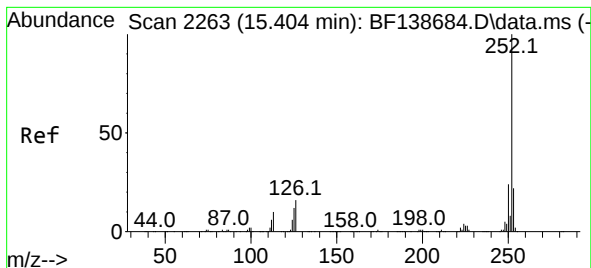
Reviewed By :Jagrut Upadhyay 08/20/2024
Supervised By :mohammad ahmed 08/21/2024



#89
Benzo(k)fluoranthene
Concen: 4.862 ng
RT: 15.074 min Scan# 2207
Delta R.T. 0.006 min
Lab File: BF139070.D
Acq: 19 Aug 2024 12:32

Tgt Ion:252 Resp: 22520
Ion Ratio Lower Upper
252 100
253 23.4 17.4 26.0
125 10.7 8.6 13.0





#90

Benzo(a)pyrene

Concen: 4.258 ng

RT: 15.410 min Scan# 21

Delta R.T. 0.006 min

Lab File: BF139070.D

Acq: 19 Aug 2024 12:32

Instrument :

BNA_F

ClientSampleId :

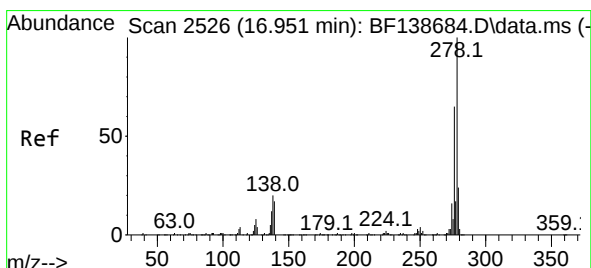
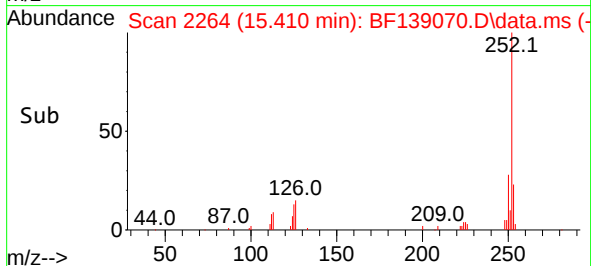
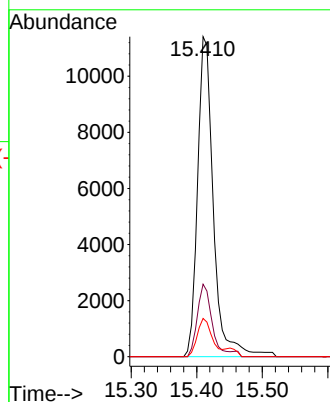
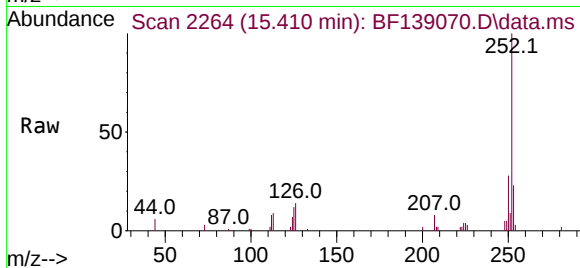
MDL-WATER-03-QT3-2024

Tgt Ion:	252	Resp:	1916
Ion Ratio	Lower	Upper	
252	100		
253	22.7	17.3	25.9
125	12.0	9.5	14.3

Manual Integrations

APPROVED

Reviewed By :Jagrut Upadhyay 08/20/2024
Supervised By :mohammad ahmed 08/21/2024



#91

Dibenzo(a,h)anthracene

Concen: 3.203 ng

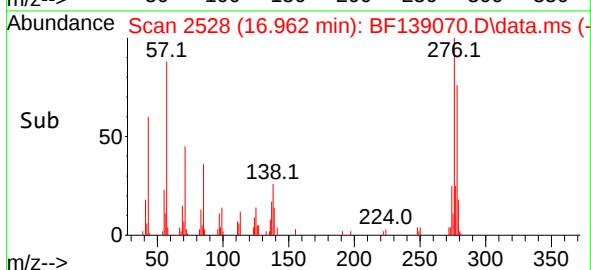
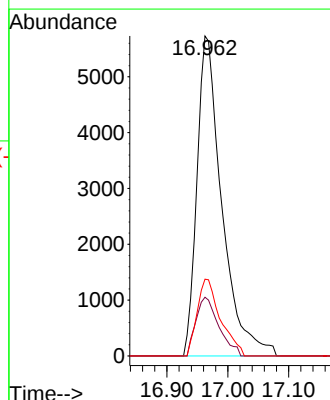
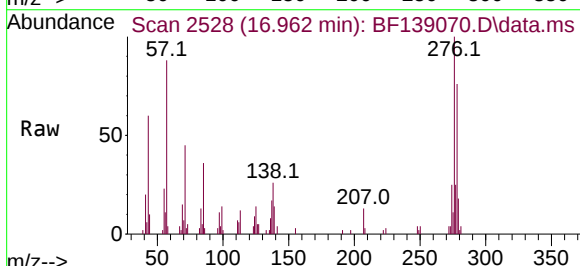
RT: 16.962 min Scan# 2528

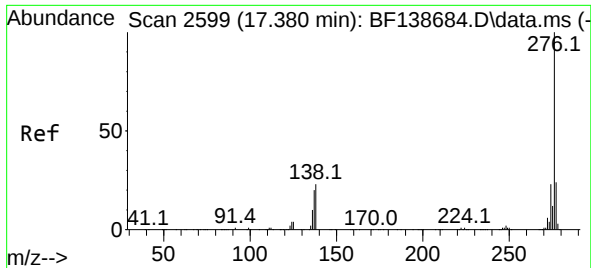
Delta R.T. 0.012 min

Lab File: BF139070.D

Acq: 19 Aug 2024 12:32

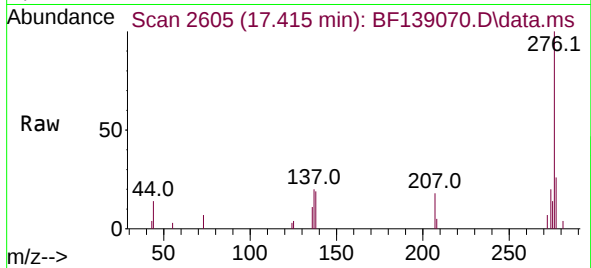
Tgt Ion:	278	Resp:	16262
Ion Ratio	Lower	Upper	
278	100		
139	18.4	14.0	21.0
279	24.0	19.0	28.4





#92
 Benzo(g,h,i)perylene
 Concen: 2.950 ng
 RT: 17.415 min Scan# 20
 Delta R.T. 0.035 min
 Lab File: BF139070.D
 Acq: 19 Aug 2024 12:32

Instrument :
 BNA_F
 ClientSampleId :
 MDL-WATER-03-QT3-2024



Tgt Ion:	276	Resp:	1554
Ion Ratio	Lower	Upper	
276	100		
277	26.3	19.0	28.4
138	19.4	18.5	27.7

Manual Integrations
 APPROVED

Reviewed By :Jagrut Upadhyay 08/20/2024
 Supervised By :mohammad ahmed 08/21/2024

