

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF013125\
 Data File : BF141323.D
 Acq On : 31 Jan 2025 11:08
 Operator : RC/JU
 Sample : Q1168-09
 Misc : MDL-MDL-WATER 4PPM
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 MDL-WATER-03-QT1-2025

Quant Time: Jan 31 11:40:04 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF012925.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Jan 29 17:41:25 2025
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By :Jagrut Upadhyay 02/03/2025
 Supervised By :mohammad ahmed 02/04/2025

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.798	152	161766	20.000	ng	0.00
21) Naphthalene-d8	8.081	136	646039	20.000	ng	0.00
39) Acenaphthene-d10	9.833	164	354276	20.000	ng	0.00
64) Phenanthrene-d10	11.322	188	604042	20.000	ng	0.00
76) Chrysene-d12	13.963	240	394401	20.000	ng	-0.01
86) Perylene-d12	15.427	264	339481	20.000	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.404	112	1102553	104.635	ng	0.00
7) Phenol-d6	6.428	99	1447693	108.000	ng	-0.01
23) Nitrobenzene-d5	7.363	82	1000081	81.606	ng	0.00
42) 2,4,6-Tribromophenol	10.627	330	361189	111.207	ng	0.00
45) 2-Fluorobiphenyl	9.157	172	1701617	73.929	ng	0.00
79) Terphenyl-d14	12.916	244	1845041	72.145	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	2.487	88	19179	4.139	ng	96
3) Pyridine	3.275	79	36813	3.297	ng	97
4) n-Nitrosodimethylamine	3.157	42	24898	3.903	ng	# 98
6) Aniline	6.463	93	59342	5.230	ng	99
8) 2-Chlorophenol	6.581	128	47628	4.217	ng	# 78
9) Benzaldehyde	6.345	77	40239	5.183	ng	97
10) Phenol	6.439	94	62921	4.428	ng	# 60
11) bis(2-Chloroethyl)ether	6.534	93	50869	4.669	ng	97
12) 1,3-Dichlorobenzene	6.739	146	51598	4.144	ng	98
13) 1,4-Dichlorobenzene	6.816	146	53043	4.240	ng	98
14) 1,2-Dichlorobenzene	6.969	146	49625	4.236	ng	98
15) Benzyl Alcohol	6.939	79	50937	5.560	ng	95
16) 2,2'-oxybis(1-Chloropr...	7.069	45	86229	4.551	ng	99
17) 2-Methylphenol	7.045	107	36179	3.941	ng	99
18) Hexachloroethane	7.310	117	18398	3.987	ng	95
19) n-Nitroso-di-n-propyla...	7.204	70	33981	4.266	ng	97
20) 3+4-Methylphenols	7.198	107	47702	4.233	ng	# 81
22) Acetophenone	7.204	105	71492	4.656	ng	97
24) Nitrobenzene	7.381	77	55468	4.368	ng	99
25) Isophorone	7.610	82	91400	4.315	ng	98
26) 2-Nitrophenol	7.692	139	23229	3.878	ng	96
27) 2,4-Dimethylphenol	7.728	122	17807m	2.336	ng	
28) bis(2-Chloroethoxy)met...	7.828	93	58594	4.336	ng	98
29) 2,4-Dichlorophenol	7.934	162	36601	3.922	ng	99
30) 1,2,4-Trichlorobenzene	8.022	180	44945	4.217	ng	99
31) Naphthalene	8.098	128	146237	4.285	ng	99
32) Benzoic acid	7.786	122	18215m	2.599	ng	
33) 4-Chloroaniline	8.151	127	54500	4.709	ng	98
34) Hexachlorobutadiene	8.222	225	24388	3.902	ng	98
35) Caprolactam	8.475	113	12161	3.990	ng	97
36) 4-Chloro-3-methylphenol	8.628	107	49447	4.939	ng	100
37) 2-Methylnaphthalene	8.792	142	94454	4.354	ng	99
38) 1-Methylnaphthalene	8.892	142	86324	4.051	ng	98
40) 1,2,4,5-Tetrachloroben...	8.957	216	44460	4.411	ng	99
41) Hexachlorocyclopentadiene	8.945	237	6792	2.282	ng	91
43) 2,4,6-Trichlorophenol	9.069	196	26117	3.959	ng	96

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Instrument :
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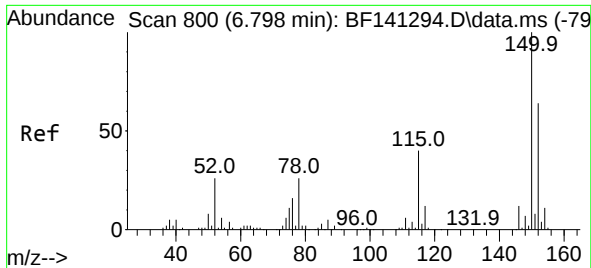
Quant Time: Jan 31 11:40:04 2025
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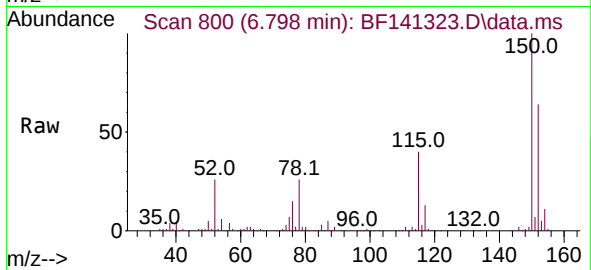
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.110	196	28624	3.987	ng	97
46) 1,1'-Biphenyl	9.257	154	127891	4.629	ng	99
47) 2-Chloronaphthalene	9.280	162	88419	4.106	ng	98
48) 2-Nitroaniline	9.375	65	25875	3.820	ng	98
49) Acenaphthylene	9.692	152	137701	4.568	ng	100
50) Dimethylphthalate	9.551	163	102293	4.275	ng	99
51) 2,6-Dinitrotoluene	9.616	165	21524	3.874	ng	99
52) Acenaphthene	9.863	154	96307	4.472	ng	100
53) 3-Nitroaniline	9.780	138	21034	3.863	ng	92
54) 2,4-Dinitrophenol	9.892	184	5085	1.969	ng	96
55) Dibenzofuran	10.039	168	127742	4.431	ng	98
56) 4-Nitrophenol	9.945	139	17976	4.514	ng	97
57) 2,4-Dinitrotoluene	10.016	165	32312	4.492	ng	98
58) Fluorene	10.380	166	100962	4.515	ng	100
59) 2,3,4,6-Tetrachlorophenol	10.157	232	23662	4.189	ng	# 97
60) Diethylphthalate	10.257	149	100965	4.352	ng	99
61) 4-Chlorophenyl-phenyle...	10.375	204	48250	4.417	ng	99
62) 4-Nitroaniline	10.392	138	19551	3.652	ng	95
63) Azobenzene	10.539	77	100535	4.329	ng	98
65) 4,6-Dinitro-2-methylph...	10.427	198	10842	3.035	ng	97
66) n-Nitrosodiphenylamine	10.492	169	86790	4.442	ng	97
67) 4-Bromophenyl-phenylether	10.869	248	28683	4.242	ng	98
68) Hexachlorobenzene	10.927	284	30578	4.263	ng	97
69) Atrazine	11.016	200	27088	4.147	ng	96
70) Pentachlorophenol	11.127	266	19036	4.532	ng	99
71) Phenanthrene	11.345	178	153362	4.723	ng	99
72) Anthracene	11.398	178	147018	4.621	ng	98
73) Carbazole	11.551	167	127352	4.514	ng	99
74) Di-n-butylphthalate	11.886	149	166179	4.861	ng	99
75) Fluoranthene	12.533	202	155498	4.850	ng	99
77) Benzidine	12.663	184	23520	1.860	ng	97
78) Pyrene	12.763	202	186564	4.928	ng	99
80) Butylbenzylphthalate	13.386	149	60051	4.540	ng	99
81) Benzo(a)anthracene	13.951	228	114108	4.193	ng	99
82) 3,3'-Dichlorobenzidine	13.921	252	29780	3.440	ng	99
83) Chrysene	13.986	228	112125	4.495	ng	99
84) Bis(2-ethylhexyl)phtha...	13.951	149	80713	4.811	ng	97
85) Di-n-octyl phthalate	14.574	149	111935	4.295	ng	100
87) Indeno(1,2,3-cd)pyrene	16.868	276	84295	3.847	ng	100
88) Benzo(b)fluoranthene	15.004	252	92973	4.354	ng	99
89) Benzo(k)fluoranthene	15.027	252	86566	4.576	ng	99
90) Benzo(a)pyrene	15.362	252	78515	4.351	ng	99
91) Dibenzo(a,h)anthracene	16.886	278	66271	3.759	ng	99
92) Benzo(g,h,i)perylene	17.298	276	68083	3.714	ng	97

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



#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.798 min Scan# 800
Delta R.T. -0.006 min
Lab File: BF141323.D
Acq: 31 Jan 2025 11:08

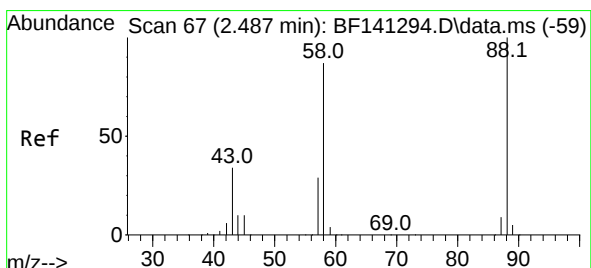
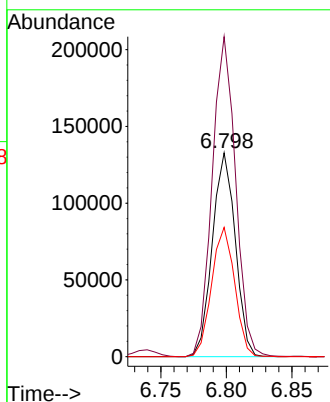
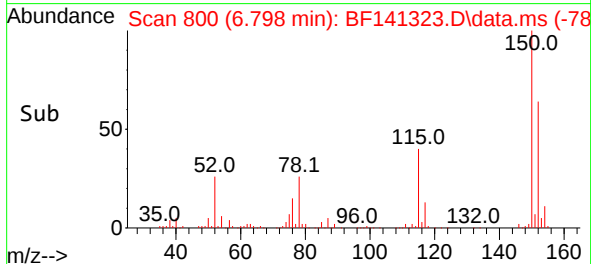
Instrument : BNA_F
ClientSampleId : MDL-WATER-03-QT1-2025



Tgt Ion:152 Resp: 161760
Ion Ratio Lower Upper
152 100
150 157.0 125.9 188.9
115 63.5 49.7 74.5

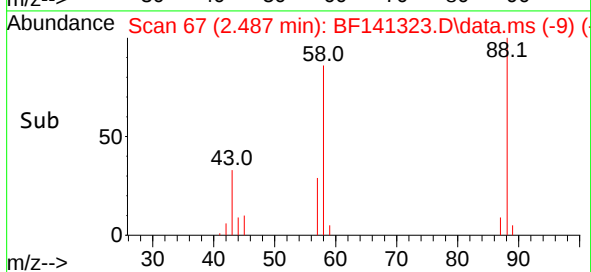
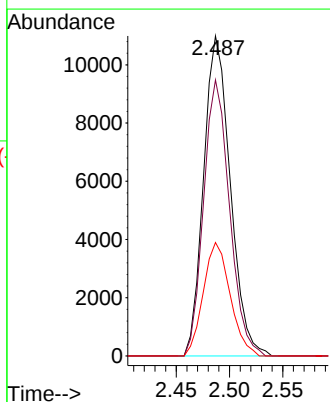
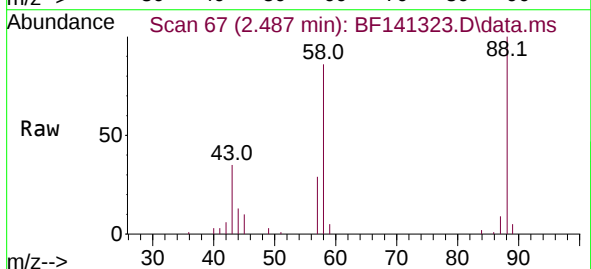
Manual Integrations
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Supervised By :mohammad ahmed 02/04/2025



#2
1,4-Dioxane
Concen: 4.139 ng
RT: 2.487 min Scan# 67
Delta R.T. -0.006 min
Lab File: BF141323.D
Acq: 31 Jan 2025 11:08

Tgt Ion: 88 Resp: 19179
Ion Ratio Lower Upper
88 100
58 83.8 70.2 105.4
43 35.7 27.6 41.4





#3

Pyridine

Concen: 3.297 ng

RT: 3.275 min Scan# 201

Delta R.T. 0.047 min

Lab File: BF141323.D

Acq: 31 Jan 2025 11:08

Instrument :

BNA_F

ClientSampleId :

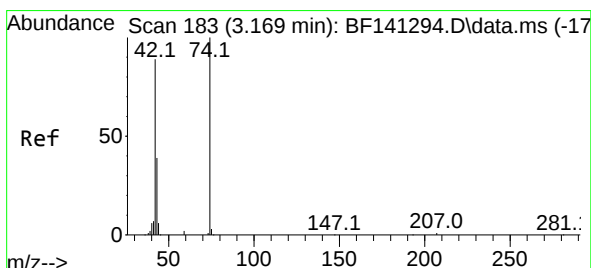
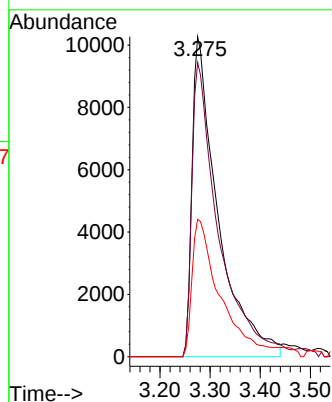
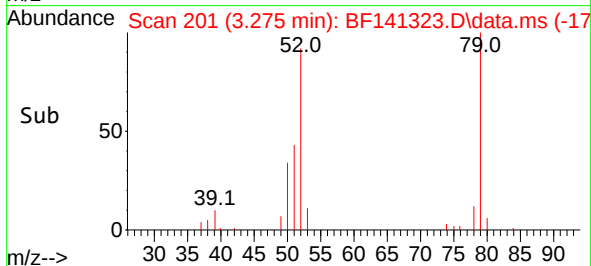
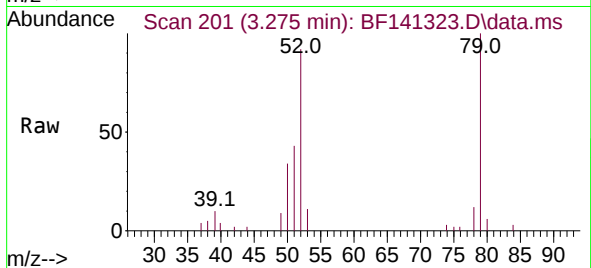
MDL-WATER-03-QT1-2025

Tgt Ion:	79	Resp:	3681
Ion Ratio	Lower	Upper	
79	100		
52	91.9	70.3	105.5
51	42.9	34.3	51.5

Manual Integrations

APPROVED

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Supervised By :mohammad ahmed 02/04/2025



#4

n-Nitrosodimethylamine

Concen: 3.903 ng

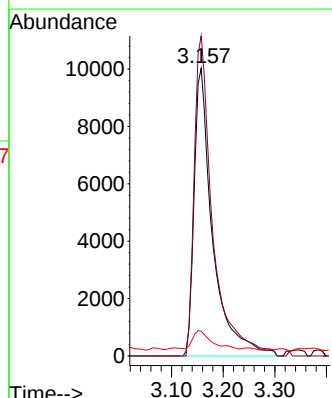
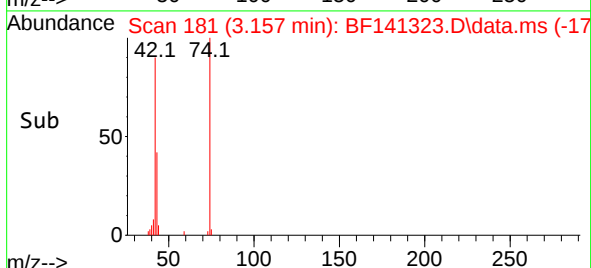
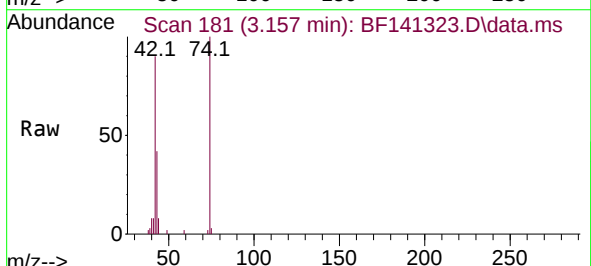
RT: 3.157 min Scan# 181

Delta R.T. -0.041 min

Lab File: BF141323.D

Acq: 31 Jan 2025 11:08

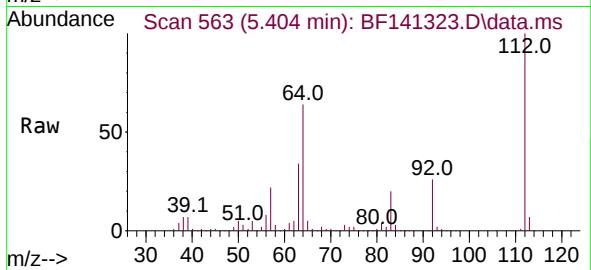
Tgt Ion:	42	Resp:	24898
Ion Ratio	Lower	Upper	
42	100		
74	111.3	90.3	135.5
44	8.5	5.7	8.5





#5
2-Fluorophenol
Concen: 104.635 ng
RT: 5.404 min Scan# 50
Delta R.T. -0.006 min
Lab File: BF141323.D
Acq: 31 Jan 2025 11:08

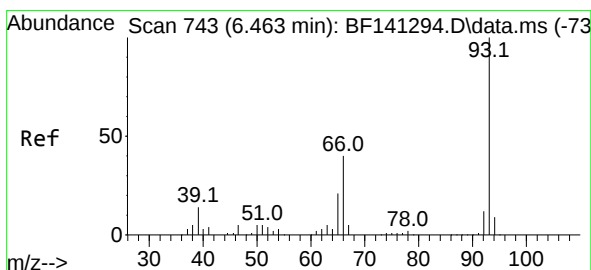
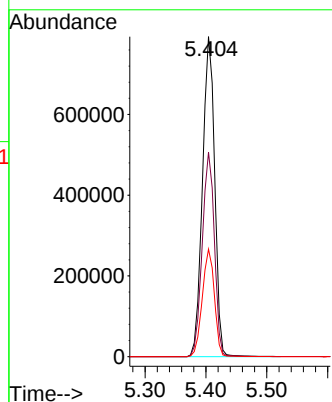
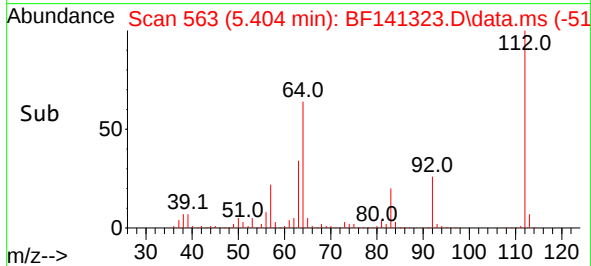
Instrument :
BNA_F
ClientSampleId :
MDL-WATER-03-QT1-2025



Tgt Ion:112 Resp: 110255
Ion Ratio Lower Upper
112 100
64 63.9 49.8 74.8
63 33.6 26.1 39.1

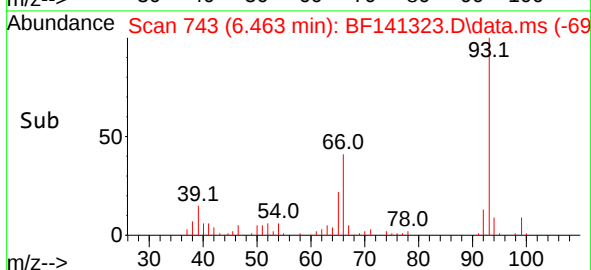
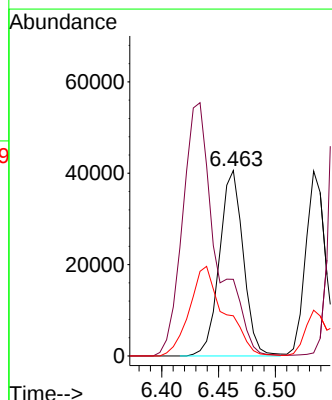
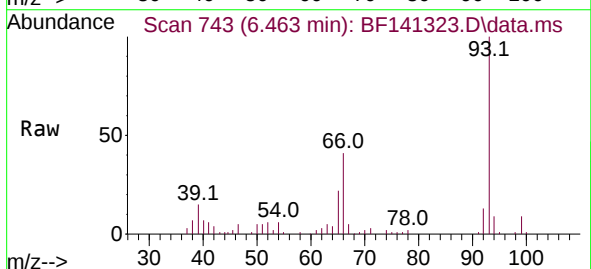
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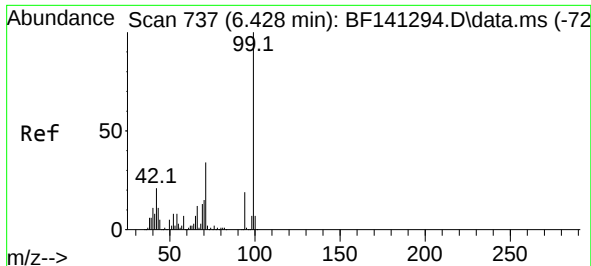
Reviewed By :Jagrut Upadhyay 02/03/2025
Supervised By :mohammad ahmed 02/04/2025



#6
Aniline
Concen: 5.230 ng
RT: 6.463 min Scan# 743
Delta R.T. -0.006 min
Lab File: BF141323.D
Acq: 31 Jan 2025 11:08

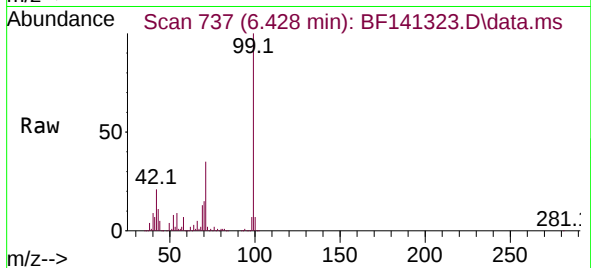
Tgt Ion: 93 Resp: 59342
Ion Ratio Lower Upper
93 100
66 41.3 32.5 48.7
65 21.7 17.0 25.6





#7
Phenol-d6
Concen: 108.000 ng
RT: 6.428 min Scan# 713
Delta R.T. -0.012 min
Lab File: BF141323.D
Acq: 31 Jan 2025 11:08

Instrument :
BNA_F
ClientSampleId :
MDL-WATER-03-QT1-2025

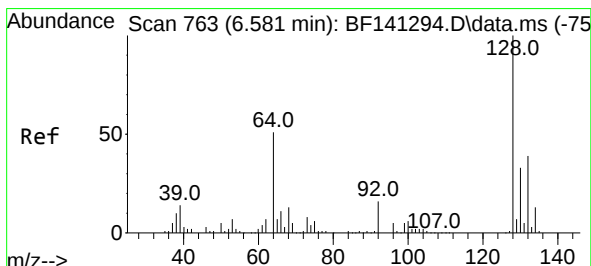
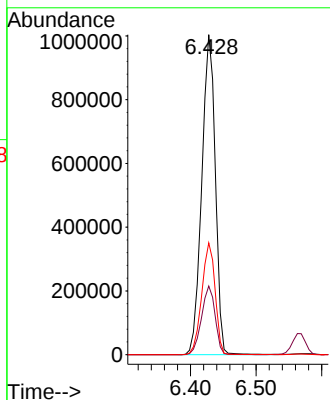
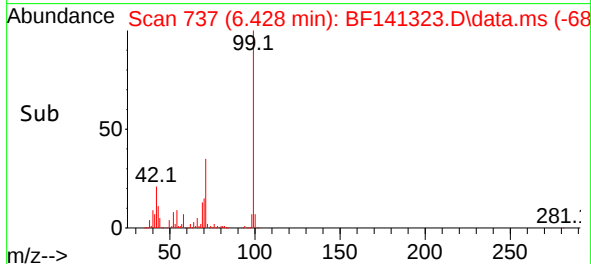


Tgt Ion: 99 Resp: 144769

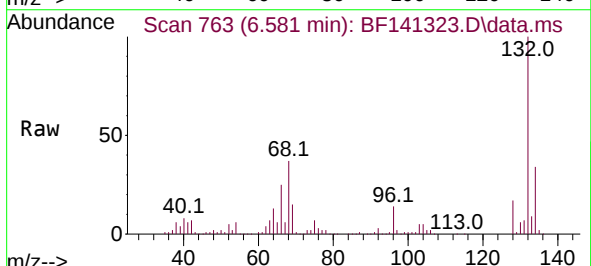
Ion	Ratio	Lower	Upper
99	100		
42	21.5	17.1	25.7
71	35.0	26.9	40.3

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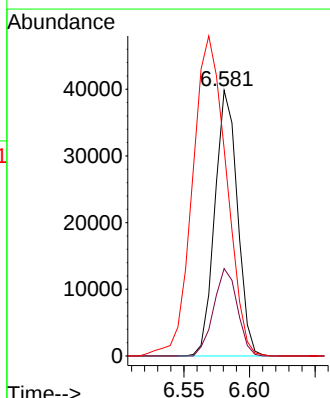
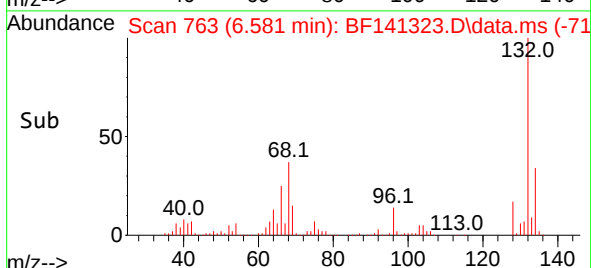


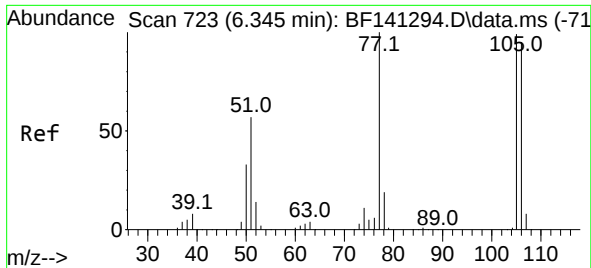
#8
2-Chlorophenol
Concen: 4.217 ng
RT: 6.581 min Scan# 763
Delta R.T. -0.012 min
Lab File: BF141323.D
Acq: 31 Jan 2025 11:08



Tgt Ion:128 Resp: 47628

Ion	Ratio	Lower	Upper
128	100		
130	32.9	12.5	52.5
64	78.1	32.9	72.9





#9

Benzaldehyde

Concen: 5.183 ng

RT: 6.345 min Scan# 71

Delta R.T. -0.006 min

Lab File: BF141323.D

Acq: 31 Jan 2025 11:08

Instrument :

BNA_F

ClientSampleId :

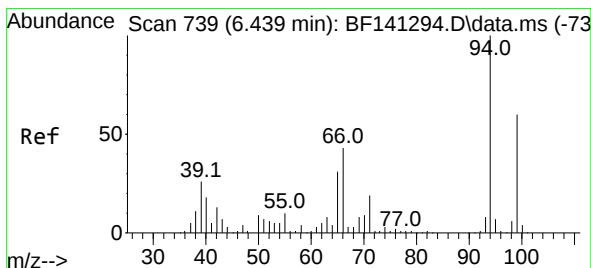
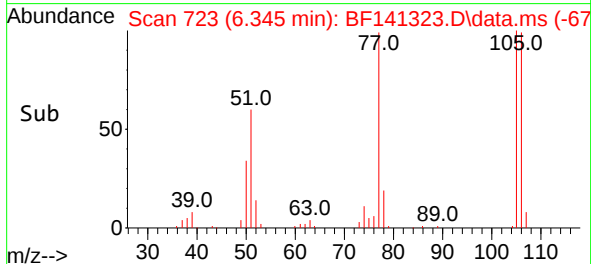
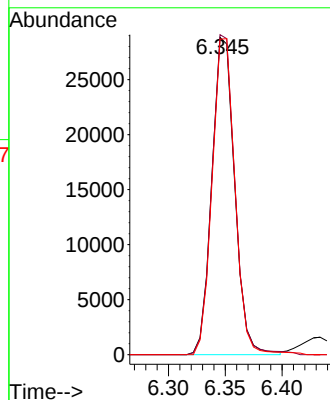
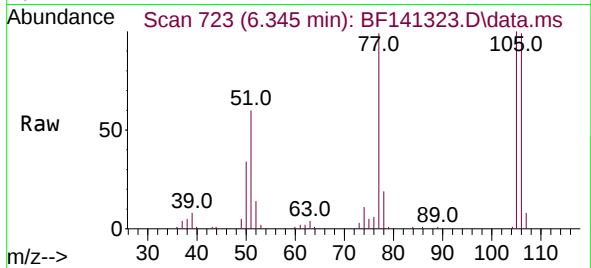
MDL-WATER-03-QT1-2025

Tgt Ion: 77	Resp: 40239
Ion Ratio	Lower Upper
77 100	
105 100.9	79.4 119.4
106 99.5	74.6 114.6

Manual Integrations

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#10

Phenol

Concen: 4.428 ng

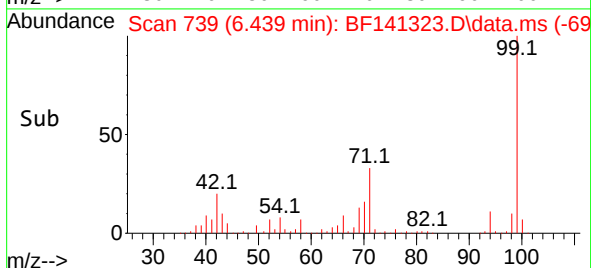
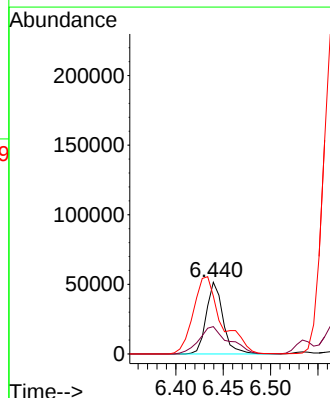
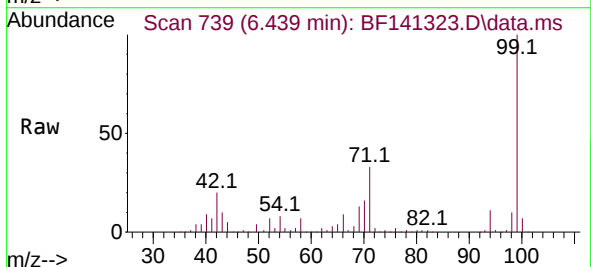
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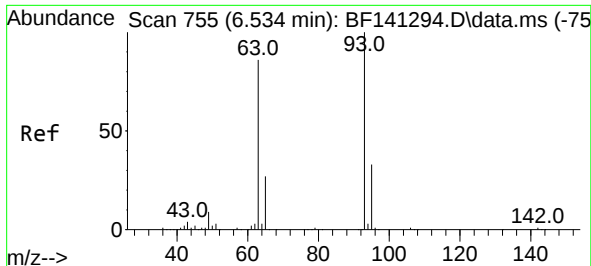
Delta R.T. -0.012 min

Lab File: BF141323.D

Acq: 31 Jan 2025 11:08

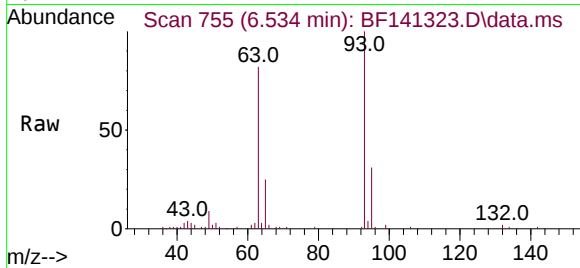
Tgt Ion: 94	Resp: 62921
Ion Ratio	Lower Upper
94 100	
65 38.1	10.8 50.8
66 80.8	23.3 63.3





#11
bis(2-Chloroethyl)ether
Concen: 4.669 ng
RT: 6.534 min Scan# 755
Delta R.T. -0.012 min
Lab File: BF141323.D
Acq: 31 Jan 2025 11:08

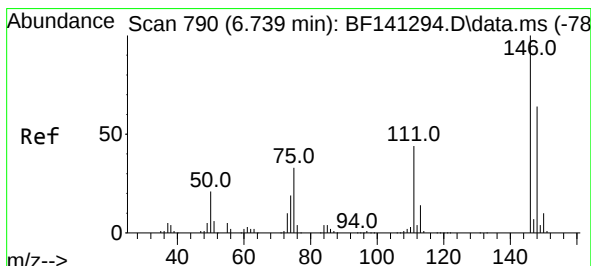
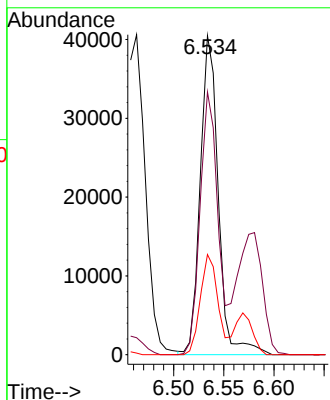
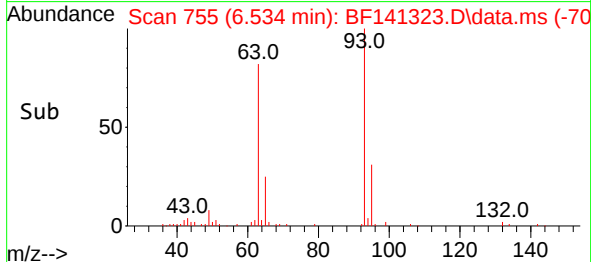
Instrument :
BNA_F
ClientSampleId :
MDL-WATER-03-QT1-2025



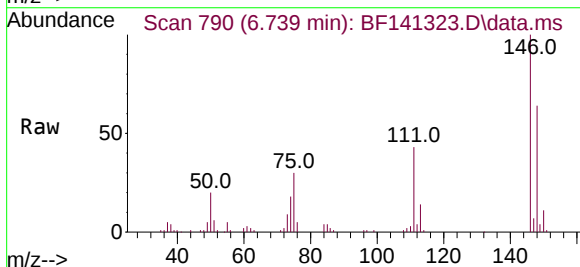
Tgt Ion: 93 Resp: 50869
Ion Ratio Lower Upper
93 100
63 82.4 65.0 105.0
95 31.4 12.4 52.4

Manual Integrations
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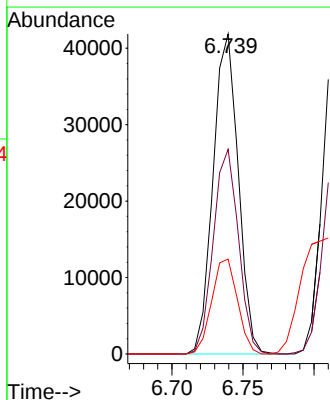
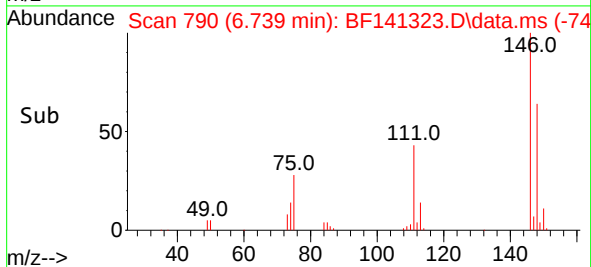
Reviewed By :Jagrut Upadhyay 02/03/2025
Supervised By :mohammad ahmed 02/04/2025



#12
1,3-Dichlorobenzene
Concen: 4.144 ng
RT: 6.739 min Scan# 790
Delta R.T. -0.006 min
Lab File: BF141323.D
Acq: 31 Jan 2025 11:08



Tgt Ion:146 Resp: 51598
Ion Ratio Lower Upper
146 100
148 63.9 51.2 76.8
75 29.7 26.2 39.4





#13

1,4-Dichlorobenzene

Concen: 4.240 ng

RT: 6.816 min Scan# 803

Delta R.T. -0.006 min

Lab File: BF141323.D

Acq: 31 Jan 2025 11:08

Instrument :

BNA_F

ClientSampleId :

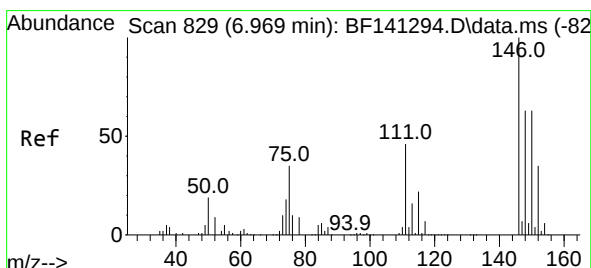
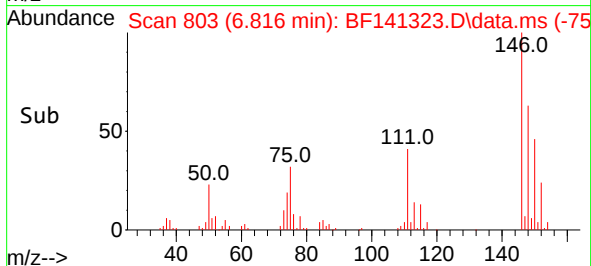
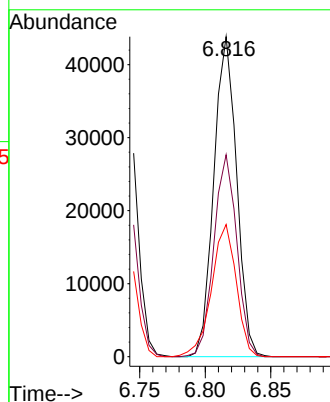
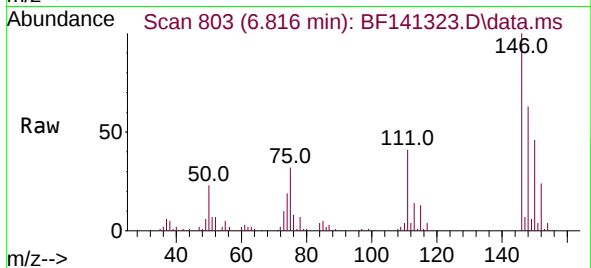
MDL-WATER-03-QT1-2025

Tgt Ion:146	Resp:	5304
Ion Ratio	Lower	Upper
146	100	
148	63.1	51.2 76.8
111	41.3	35.0 52.4

Manual Integrations

APPROVED

Reviewed By :Jagrut Upadhyay 02/03/2025
Supervised By :mohammad ahmed 02/04/2025



#14

1,2-Dichlorobenzene

Concen: 4.236 ng

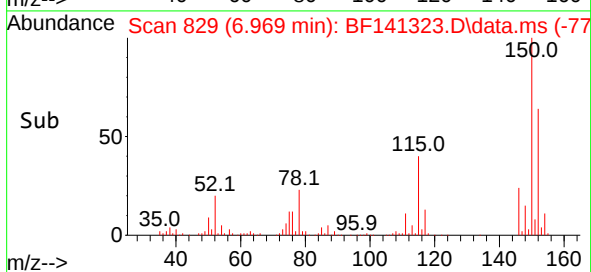
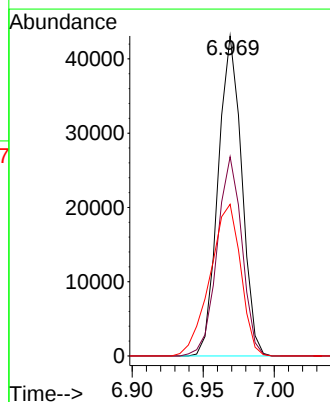
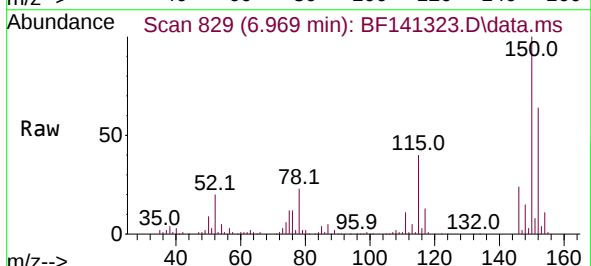
RT: 6.969 min Scan# 829

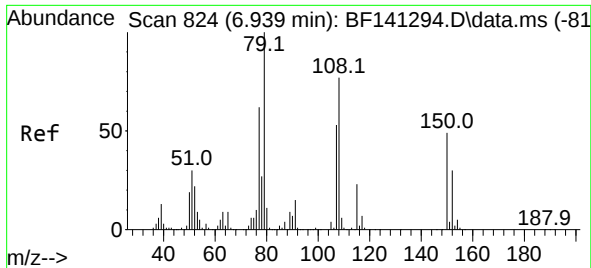
Delta R.T. -0.006 min

Lab File: BF141323.D

Acq: 31 Jan 2025 11:08

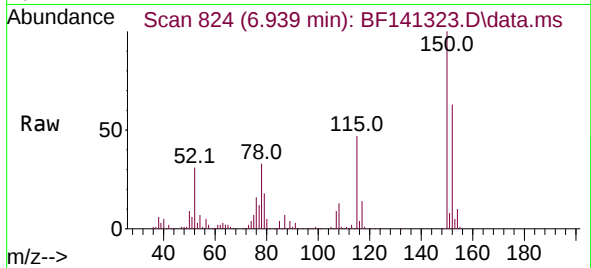
Tgt Ion:146	Resp:	49625
Ion Ratio	Lower	Upper
146	100	
148	62.3	50.5 75.7
111	47.4	36.6 55.0





#15
Benzyl Alcohol
Concen: 5.560 ng
RT: 6.939 min Scan# 81
Delta R.T. -0.006 min
Lab File: BF141323.D
Acq: 31 Jan 2025 11:08

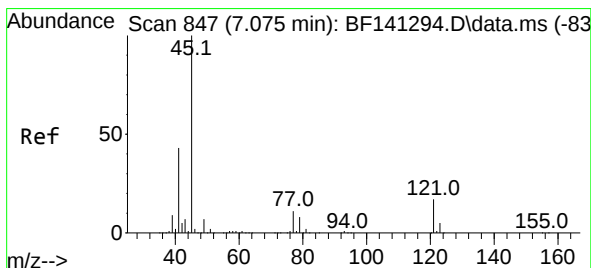
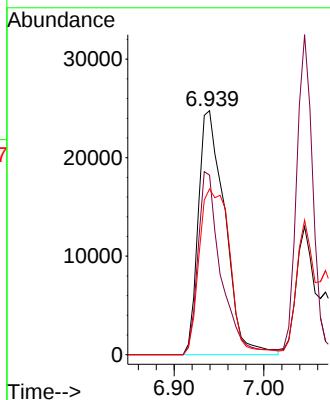
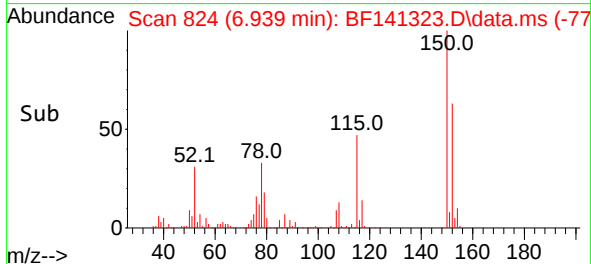
Instrument :
BNA_F
ClientSampleId :
MDL-WATER-03-QT1-2025



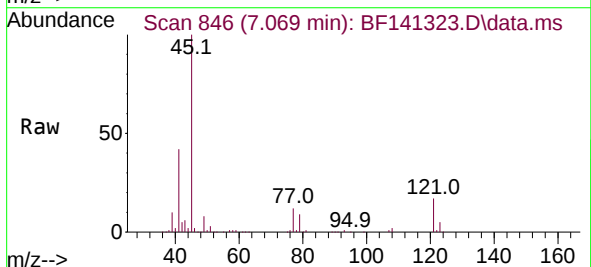
Tgt Ion: 79 Resp: 5093
Ion Ratio Lower Upper
79 100
108 73.6 61.4 92.0
77 67.9 49.9 74.9

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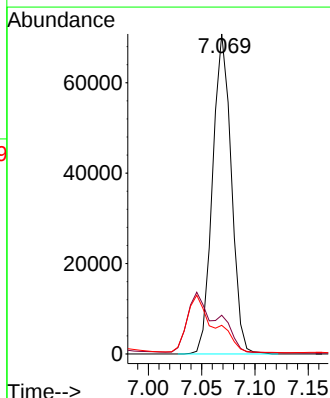
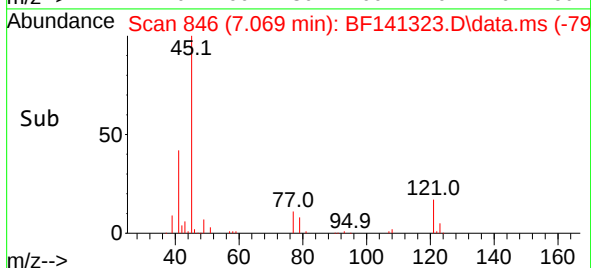
Reviewed By :Jagrut Upadhyay 02/03/2025
Supervised By :mohammad ahmed 02/04/2025

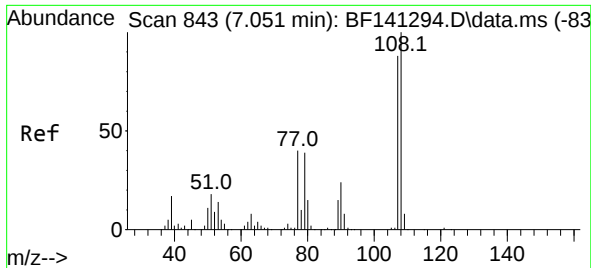


#16
2,2'-oxybis(1-Chloropropane)
Concen: 4.551 ng
RT: 7.069 min Scan# 846
Delta R.T. -0.012 min
Lab File: BF141323.D
Acq: 31 Jan 2025 11:08



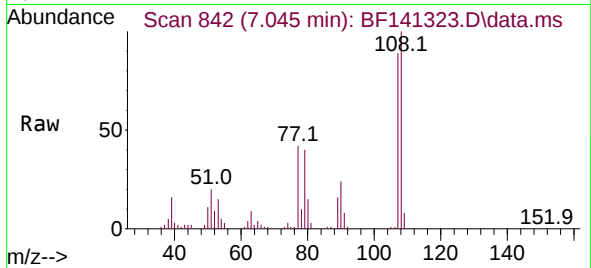
Tgt Ion: 45 Resp: 86229
Ion Ratio Lower Upper
45 100
77 12.1 0.0 31.8
79 9.0 0.0 29.1





#17
2-Methylphenol
Concen: 3.941 ng
RT: 7.045 min Scan# 843
Delta R.T. -0.012 min
Lab File: BF141323.D
Acq: 31 Jan 2025 11:08

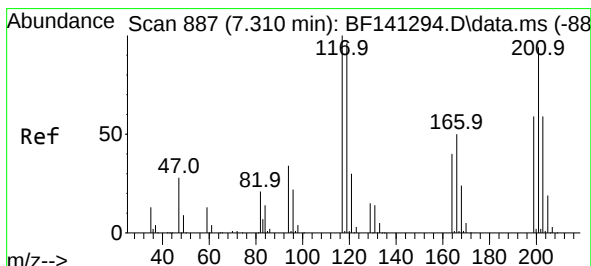
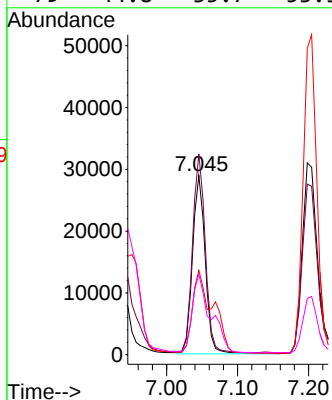
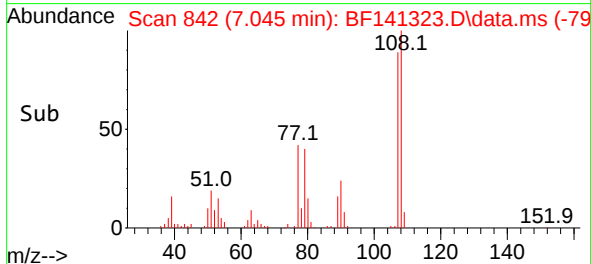
Instrument : BNA_F
ClientSampleId :
MDL-WATER-03-QT1-2025



Tgt Ion:107 Resp: 36179
Ion Ratio Lower Upper
107 100
108 112.0 90.8 136.2
77 47.1 36.2 54.4
79 44.8 35.7 53.5

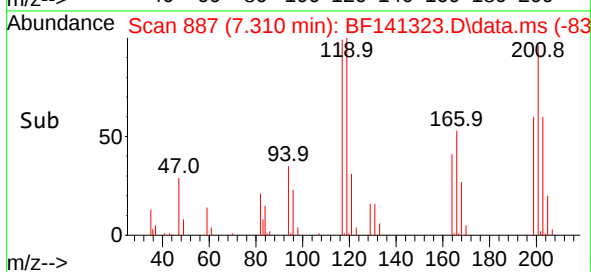
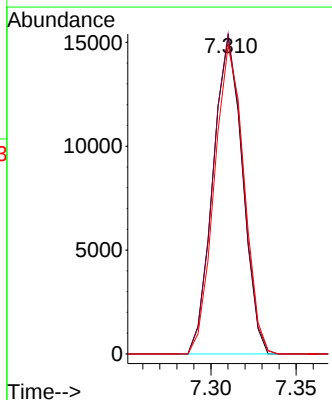
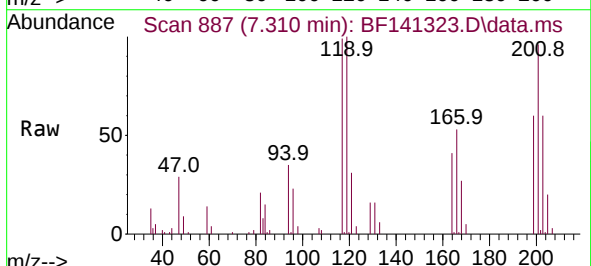
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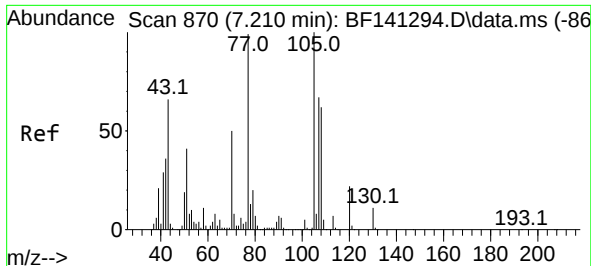
Reviewed By :Jagrut Upadhyay 02/03/2025
Supervised By :mohammad ahmed 02/04/2025



#18
Hexachloroethane
Concen: 3.987 ng
RT: 7.310 min Scan# 887
Delta R.T. -0.006 min
Lab File: BF141323.D
Acq: 31 Jan 2025 11:08

Tgt Ion:117 Resp: 18398
Ion Ratio Lower Upper
117 100
119 100.9 76.6 114.8
201 97.3 74.8 112.2





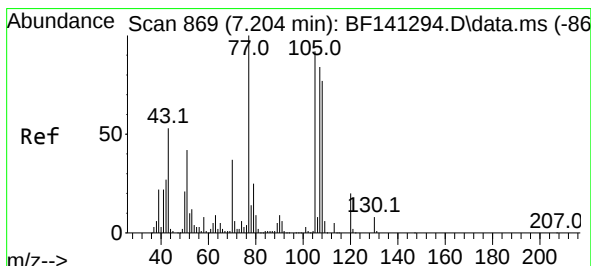
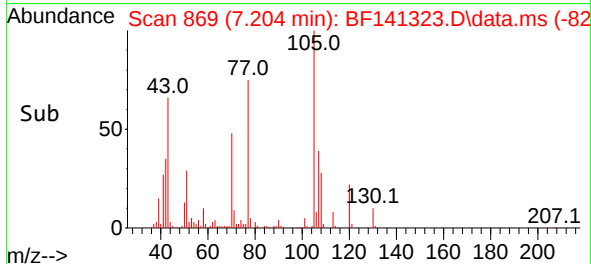
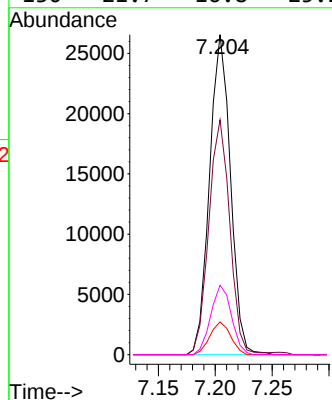
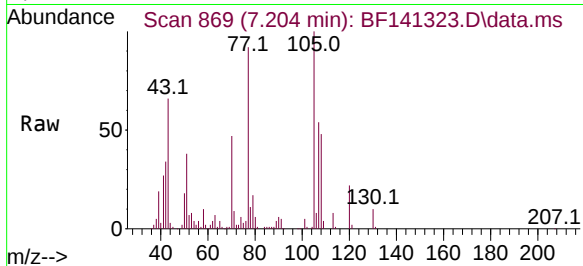
#19
n-Nitroso-di-n-propylamine
Concen: 4.266 ng
RT: 7.204 min Scan# 869
Delta R.T. -0.024 min
Lab File: BF141323.D
Acq: 31 Jan 2025 11:08

Instrument :
BNA_F
ClientSampleId :
MDL-WATER-03-QT1-2025

Tgt Ion: 70 Resp: 3398
Ion Ratio Lower Upper
70 100
42 73.4 56.8 85.2
101 10.2 7.7 11.5
130 21.7 16.8 25.2

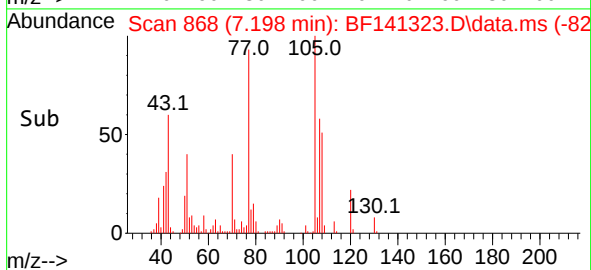
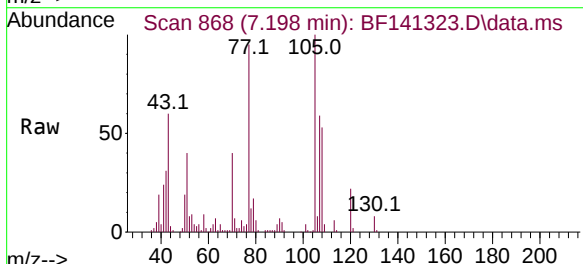
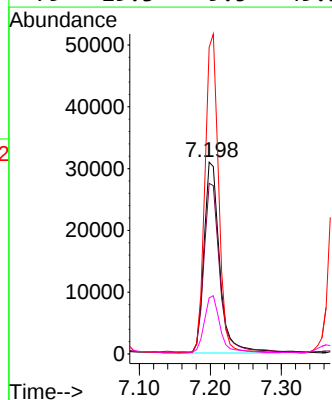
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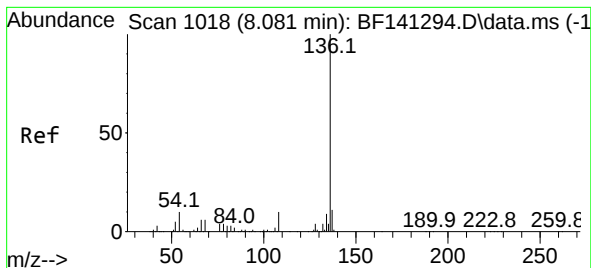
Reviewed By :Jagrut Upadhyay 02/03/2025
Supervised By :mohammad ahmed 02/04/2025



#20
3+4-Methylphenols
Concen: 4.233 ng
RT: 7.198 min Scan# 868
Delta R.T. -0.018 min
Lab File: BF141323.D
Acq: 31 Jan 2025 11:08

Tgt Ion:107 Resp: 47702
Ion Ratio Lower Upper
107 100
108 88.9 70.9 110.9
77 159.8 98.5 138.5#
79 29.3 9.5 49.5





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.081 min Scan# 1018

Delta R.T. -0.006 min

Lab File: BF141323.D

Acq: 31 Jan 2025 11:08

Instrument :

BNA_F

ClientSampleId :

MDL-WATER-03-QT1-2025

Tgt Ion:136 Resp: 646039

Ion Ratio Lower Upper

136 100

137 10.8 8.6 13.0

54 9.6 7.8 11.8

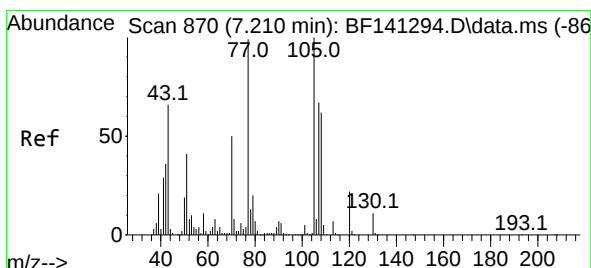
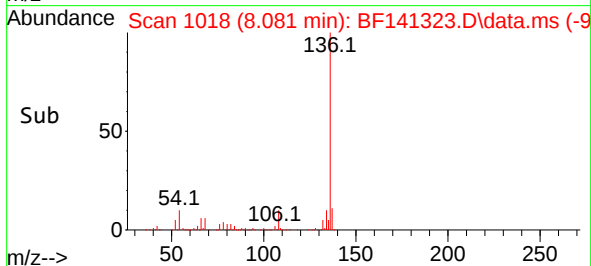
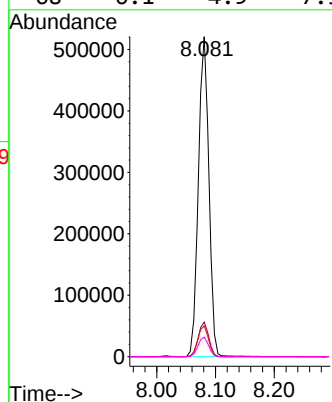
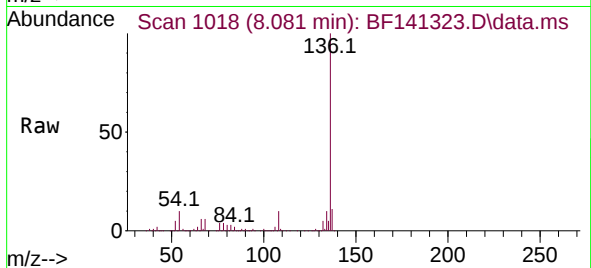
68 6.1 4.9 7.3

Manual Integrations

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Reviewed By :Jagrut Upadhyay 02/03/2025

Supervised By :mohammad ahmed 02/04/2025



#22

Acetophenone

Concen: 4.656 ng

RT: 7.204 min Scan# 869

Delta R.T. -0.012 min

Lab File: BF141323.D

Acq: 31 Jan 2025 11:08

Tgt Ion:105 Resp: 71492

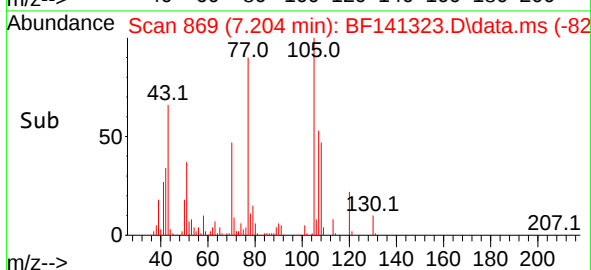
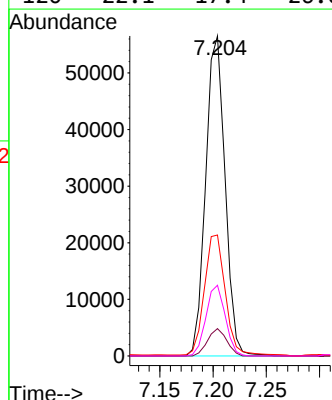
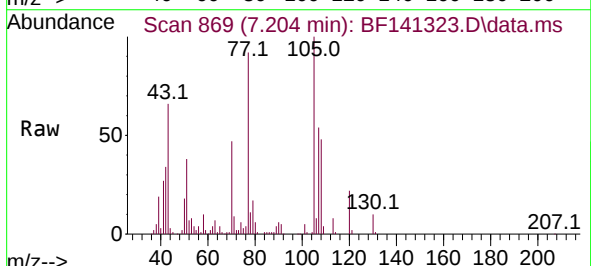
Ion Ratio Lower Upper

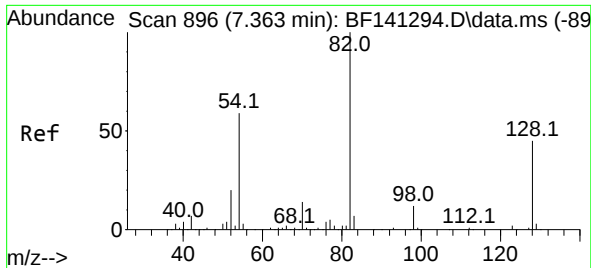
105 100

71 8.5 6.8 10.2

51 37.8 32.6 49.0

120 22.1 17.4 26.0





#23

Nitrobenzene-d5

Concen: 81.606 ng

RT: 7.363 min Scan# 896

Delta R.T. -0.006 min

Lab File: BF141323.D

Acq: 31 Jan 2025 11:08

Instrument :

BNA_F

ClientSampleId :

MDL-WATER-03-QT1-2025

Tgt Ion: 82 Resp: 100008

Ion Ratio Lower Upper

82 100

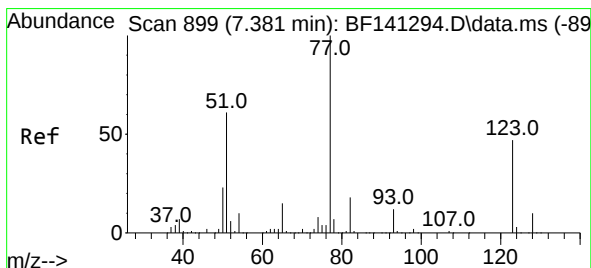
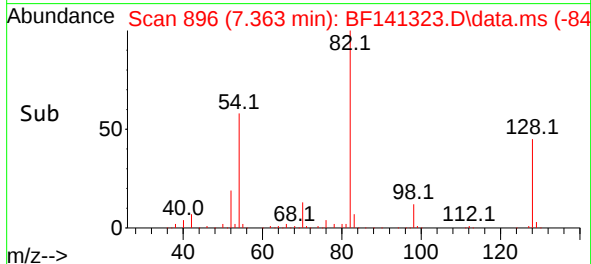
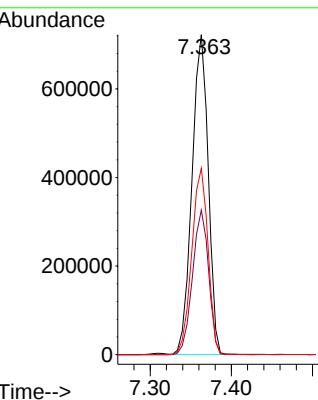
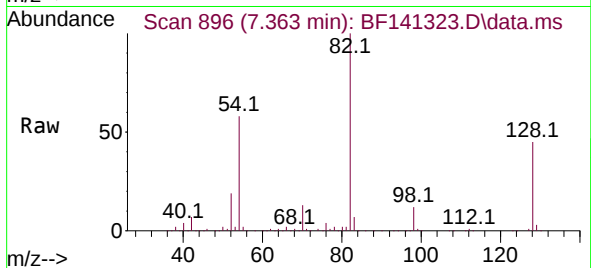
128 45.2 35.7 53.5

54 58.3 47.1 70.7

Manual Integrations

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Reviewed By :Jagrut Upadhyay 02/03/2025
Supervised By :mohammad ahmed 02/04/2025



#24

Nitrobenzene

Concen: 4.368 ng

RT: 7.381 min Scan# 899

Delta R.T. -0.012 min

Lab File: BF141323.D

Acq: 31 Jan 2025 11:08

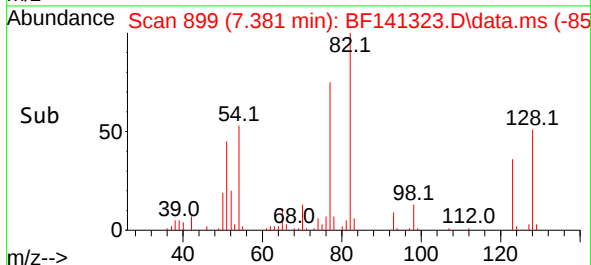
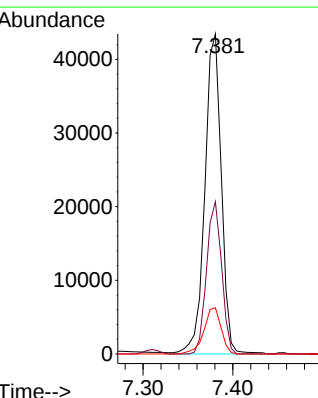
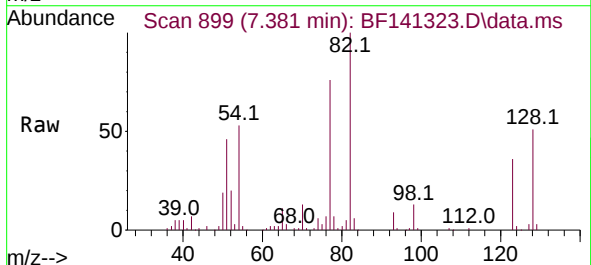
Tgt Ion: 77 Resp: 55468

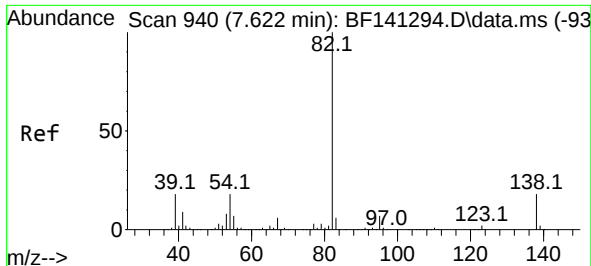
Ion Ratio Lower Upper

77 100

123 47.6 37.3 55.9

65 14.4 11.8 17.6





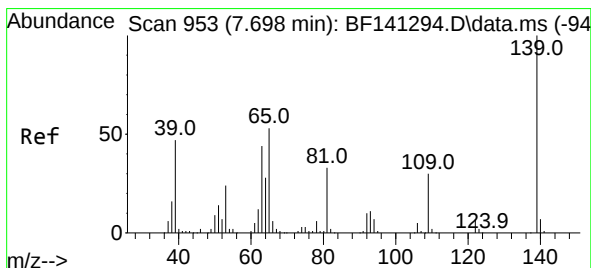
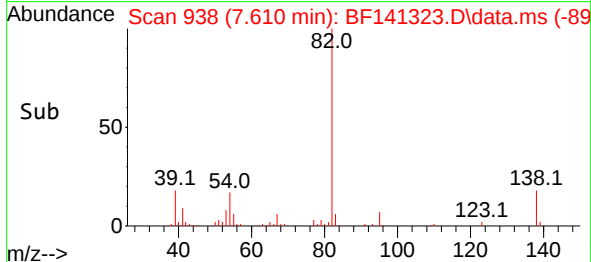
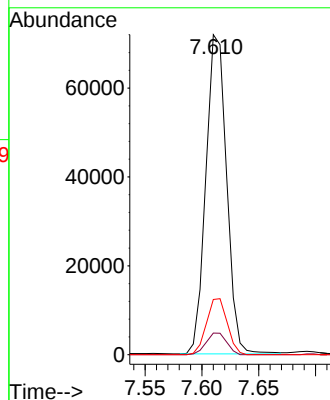
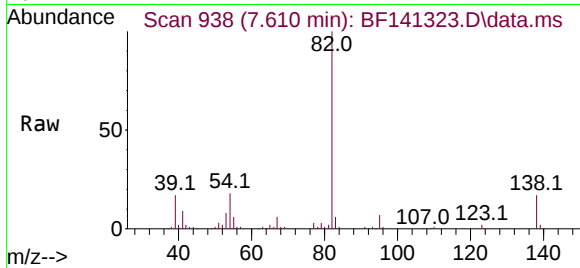
#25
Isophorone
Concen: 4.315 ng
RT: 7.610 min Scan# 91400
Delta R.T. -0.018 min
Lab File: BF141323.D
Acq: 31 Jan 2025 11:08

Instrument : BNA_F
ClientSampleId : MDL-WATER-03-QT1-2025

Tgt Ion: 82 Resp: 91400
Ion Ratio Lower Upper
82 100
95 6.8 5.8 8.6
138 17.3 14.7 22.1

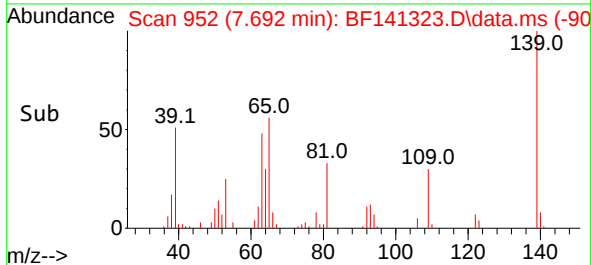
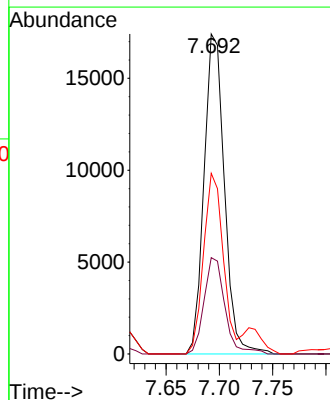
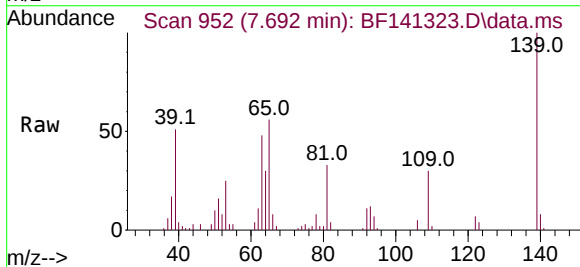
Manual Integrations
APPROVED

Reviewed By :Jagrut Upadhyay 02/03/2025
Supervised By :mohammad ahmed 02/04/2025



#26
2-Nitrophenol
Concen: 3.878 ng
RT: 7.692 min Scan# 952
Delta R.T. -0.012 min
Lab File: BF141323.D
Acq: 31 Jan 2025 11:08

Tgt Ion:139 Resp: 23229
Ion Ratio Lower Upper
139 100
109 30.1 23.8 35.6
65 56.4 42.2 63.4





#27

2,4-Dimethylphenol

Concen: 2.336 ng m

RT: 7.728 min Scan# 91

Delta R.T. -0.012 min

Lab File: BF141323.D

Acq: 31 Jan 2025 11:08

Instrument :

BNA_F

ClientSampleId :

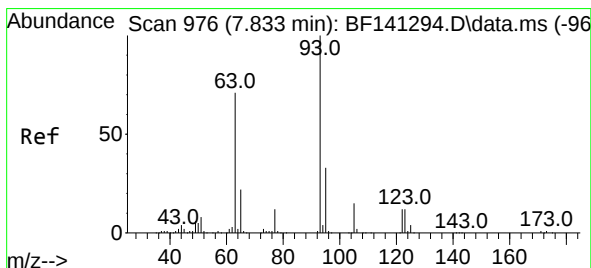
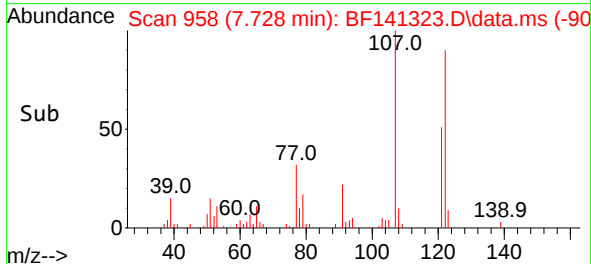
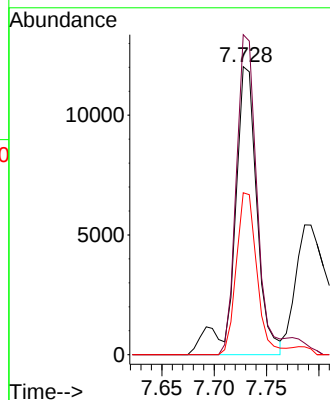
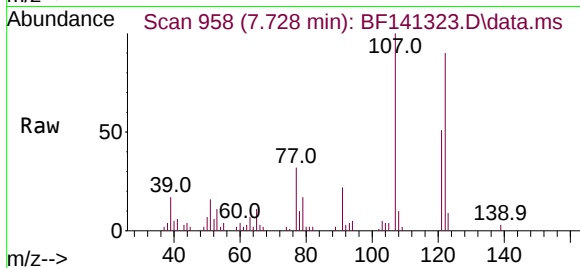
MDL-WATER-03-QT1-2025

Tgt Ion:122 Resp: 1780
 Ion Ratio Lower Upper
 122 100
 107 111.1 89.9 134.9
 121 56.2 46.1 69.1

Manual Integrations

APPROVED

Reviewed By :Jagrut Upadhyay 02/03/2025
 Supervised By :mohammad ahmed 02/04/2025



#28

bis(2-Chloroethoxy)methane

Concen: 4.336 ng

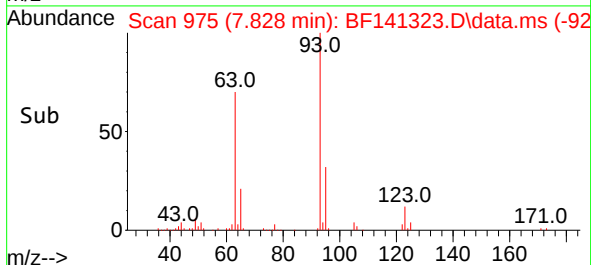
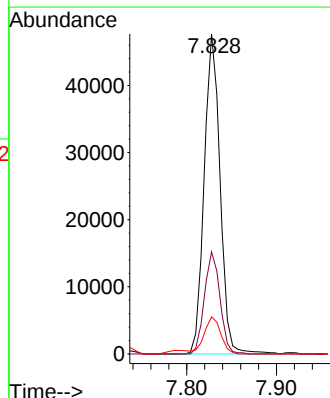
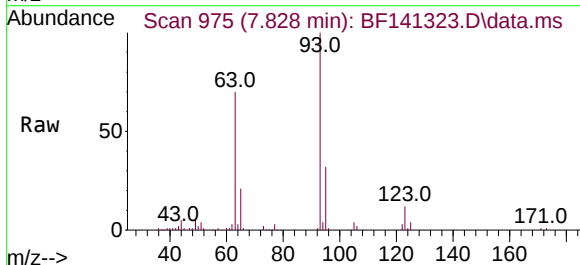
RT: 7.828 min Scan# 975

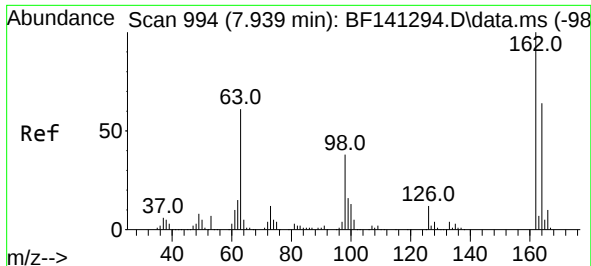
Delta R.T. -0.012 min

Lab File: BF141323.D

Acq: 31 Jan 2025 11:08

Tgt Ion: 93 Resp: 58594
 Ion Ratio Lower Upper
 93 100
 95 31.9 26.2 39.2
 123 11.6 10.2 15.4





#29

2,4-Dichlorophenol

Concen: 3.922 ng

RT: 7.934 min Scan# 994

Delta R.T. -0.012 min

Lab File: BF141323.D

Acq: 31 Jan 2025 11:08

Instrument :

BNA_F

ClientSampleId :

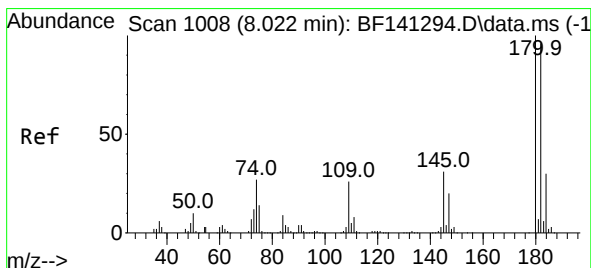
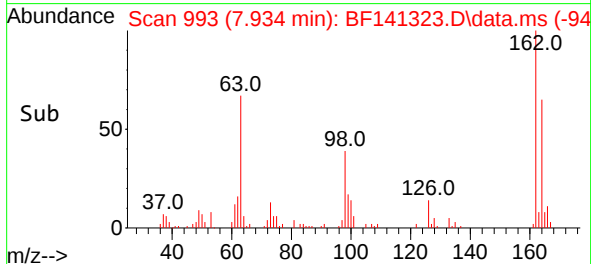
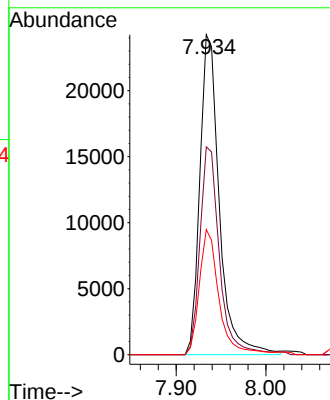
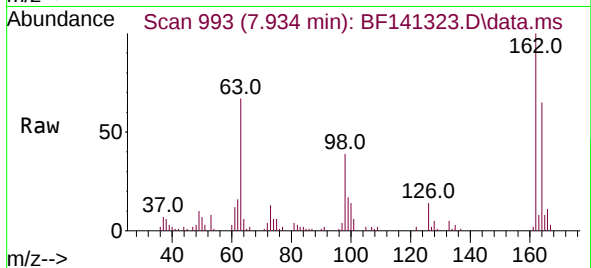
MDL-WATER-03-QT1-2025

Tgt Ion:162	Resp:	3660
Ion Ratio	Lower	Upper
162	100	
164	65.0	44.2 84.2
98	39.1	18.2 58.2

Manual Integrations

APPROVED

Reviewed By :Jagrut Upadhyay 02/03/2025
Supervised By :mohammad ahmed 02/04/2025



#30

1,2,4-Trichlorobenzene

Concen: 4.217 ng

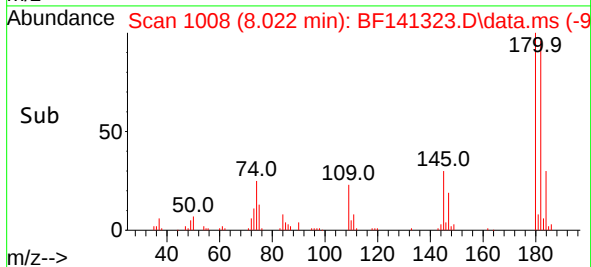
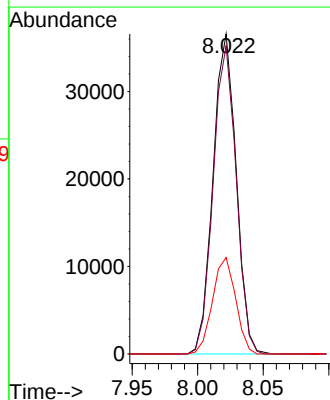
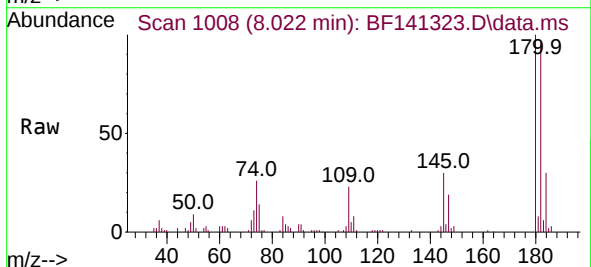
RT: 8.022 min Scan# 1008

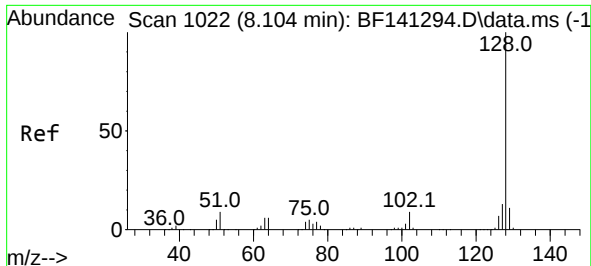
Delta R.T. -0.006 min

Lab File: BF141323.D

Acq: 31 Jan 2025 11:08

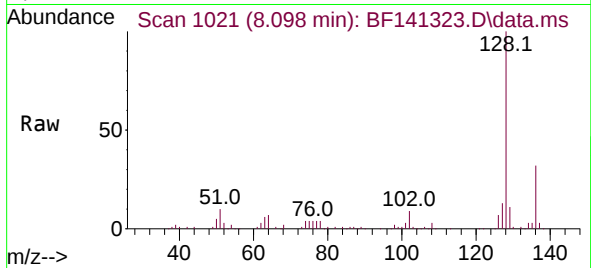
Tgt Ion:180	Resp:	44945
Ion Ratio	Lower	Upper
180	100	
182	96.3	76.4 114.6
145	30.1	24.9 37.3





#31
Naphthalene
Concen: 4.285 ng
RT: 8.098 min Scan# 1022
Delta R.T. -0.012 min
Lab File: BF141323.D
Acq: 31 Jan 2025 11:08

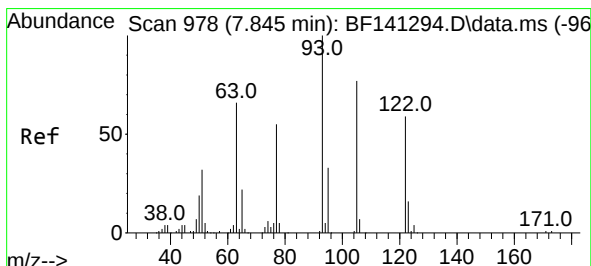
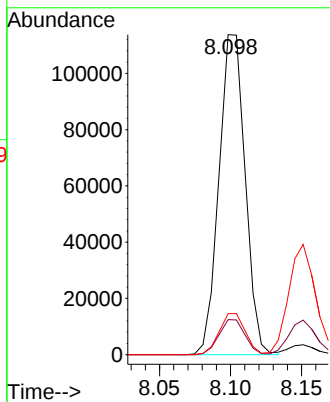
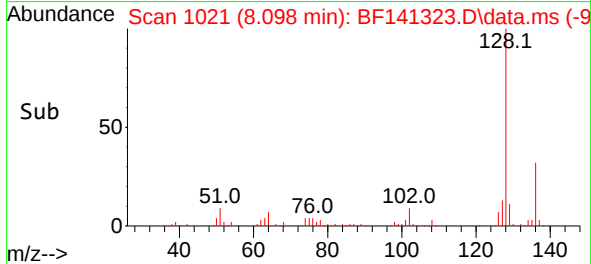
Instrument :
BNA_F
ClientSampleId :
MDL-WATER-03-QT1-2025



Tgt Ion:128 Resp: 14623
Ion Ratio Lower Upper
128 100
129 10.9 8.9 13.3
127 12.8 10.6 15.8

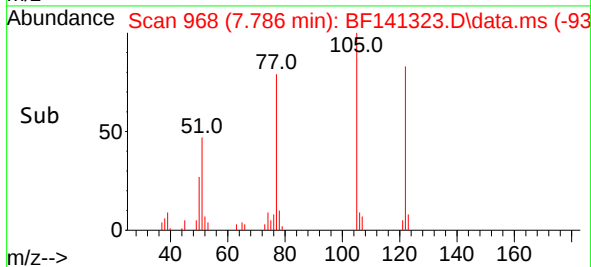
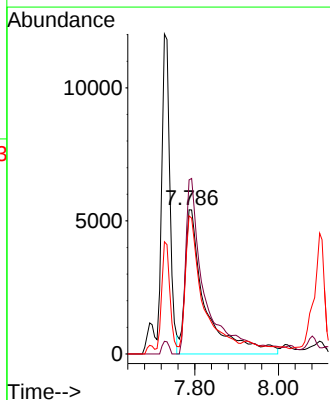
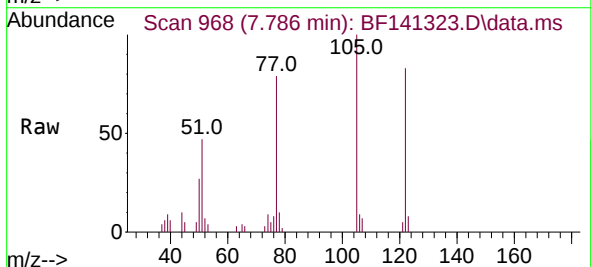
Manual Integrations
APPROVED

Reviewed By :Jagrut Upadhyay 02/03/2025
Supervised By :mohammad ahmed 02/04/2025



#32
Benzoic acid
Concen: 2.599 ng m
RT: 7.786 min Scan# 968
Delta R.T. -0.094 min
Lab File: BF141323.D
Acq: 31 Jan 2025 11:08

Tgt Ion:122 Resp: 18215
Ion Ratio Lower Upper
122 100
105 120.7 103.4 143.4
77 95.8 70.9 110.9





#33

4-Chloroaniline

Concen: 4.709 ng

RT: 8.151 min Scan# 1030

Delta R.T. -0.006 min

Lab File: BF141323.D

Acq: 31 Jan 2025 11:08

Instrument :

BNA_F

ClientSampleId :

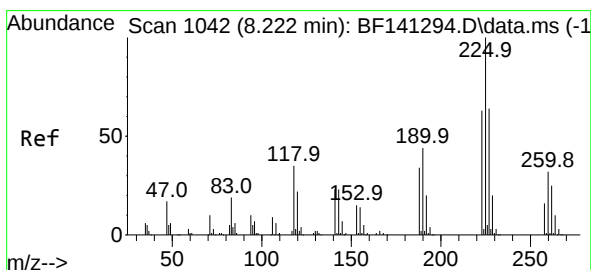
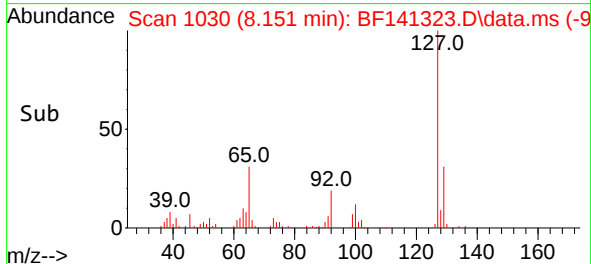
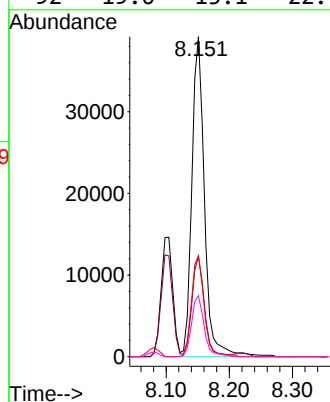
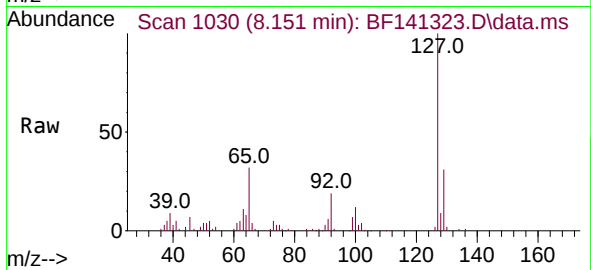
MDL-WATER-03-QT1-2025

Tgt Ion:	127	Resp:	54500
Ion Ratio	Lower	Upper	
127	100		
129	31.3	25.7	38.5
65	31.5	26.4	39.6
92	19.0	15.1	22.7

Manual Integrations

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Reviewed By :Jagrut Upadhyay 02/03/2025
Supervised By :mohammad ahmed 02/04/2025



#34

Hexachlorobutadiene

Concen: 3.902 ng

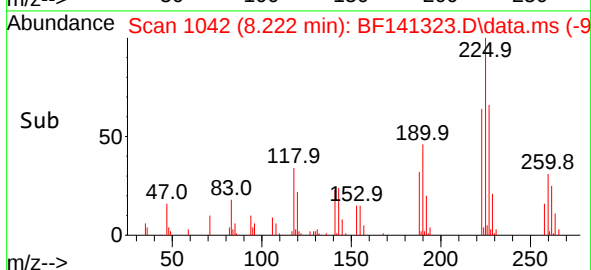
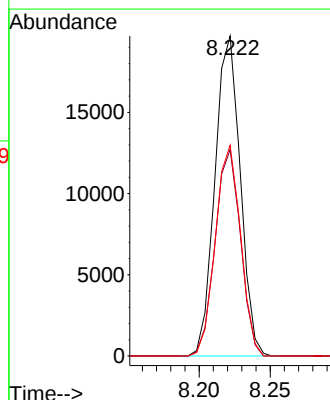
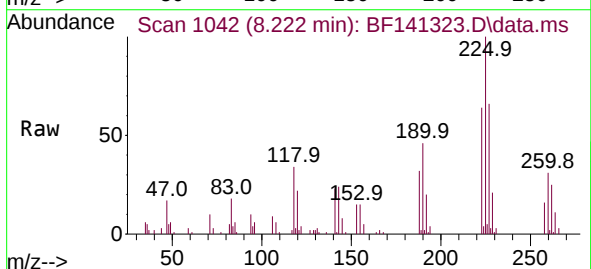
RT: 8.222 min Scan# 1042

Delta R.T. -0.000 min

Lab File: BF141323.D

Acq: 31 Jan 2025 11:08

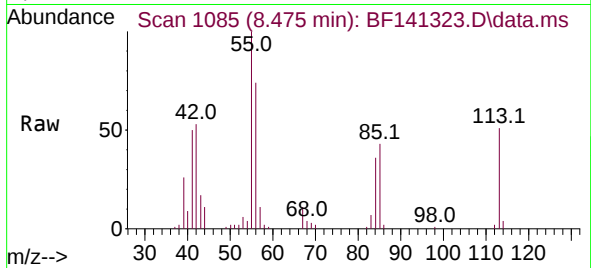
Tgt Ion:	225	Resp:	24388
Ion Ratio	Lower	Upper	
225	100		
223	64.5	50.4	75.6
227	65.8	51.3	76.9





#35
 Caprolactam
 Concen: 3.990 ng
 RT: 8.475 min Scan# 1108
 Delta R.T. -0.071 min
 Lab File: BF141323.D
 Acq: 31 Jan 2025 11:08

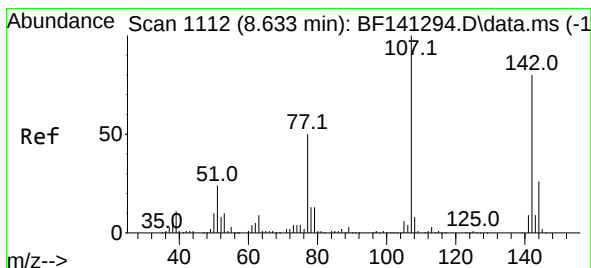
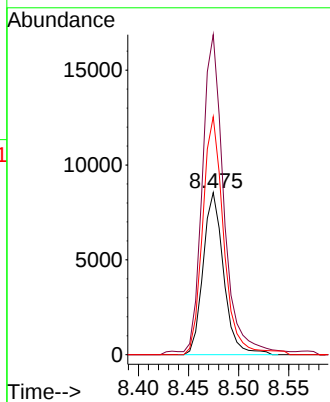
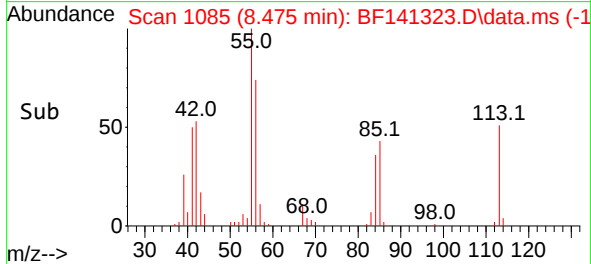
Instrument : BNA_F
 ClientSampleId : MDL-WATER-03-QT1-2025



Tgt Ion:113 Resp: 1216
 Ion Ratio Lower Upper
 113 100
 55 197.3 182.9 222.9
 56 146.7 127.9 167.9

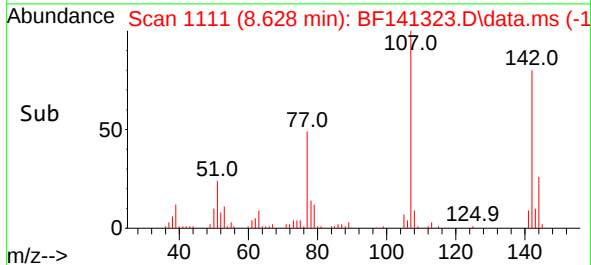
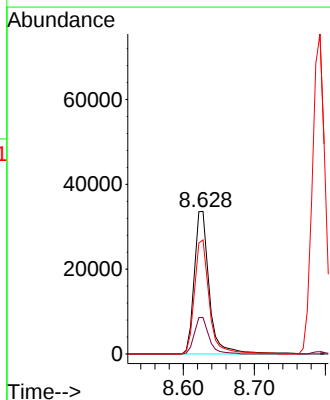
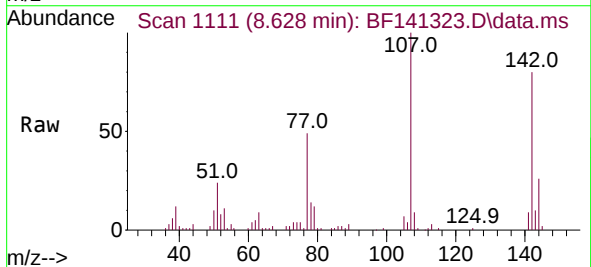
Manual Integrations
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Reviewed By :Jagrut Upadhyay 02/03/2025
 Supervised By :mohammad ahmed 02/04/2025



#36
 4-Chloro-3-methylphenol
 Concen: 4.939 ng
 RT: 8.628 min Scan# 1111
 Delta R.T. -0.012 min
 Lab File: BF141323.D
 Acq: 31 Jan 2025 11:08

Tgt Ion:107 Resp: 49447
 Ion Ratio Lower Upper
 107 100
 144 25.6 20.7 31.1
 142 80.1 63.8 95.8





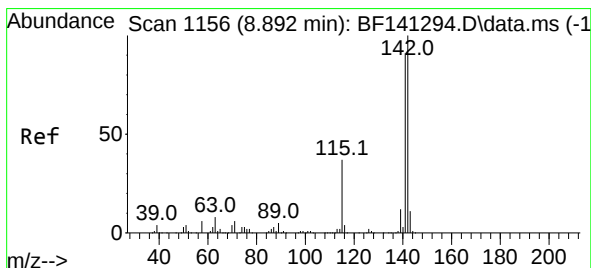
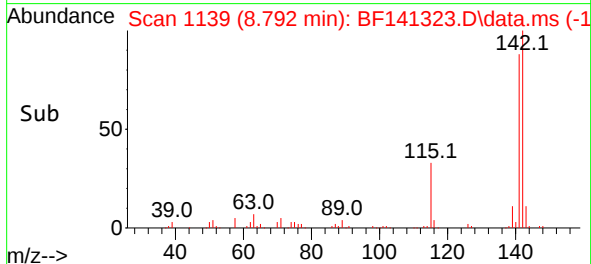
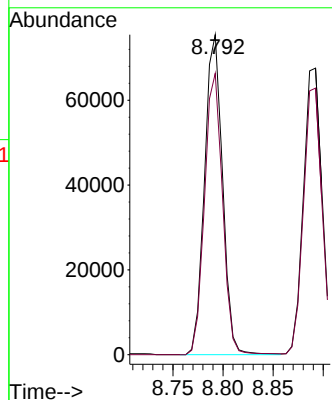
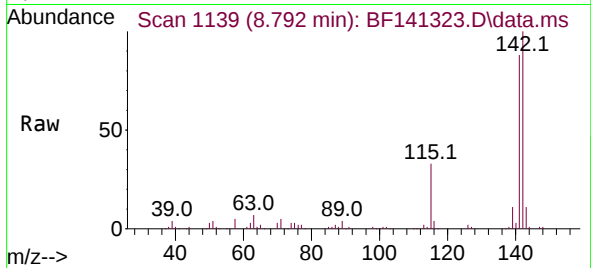
#37
2-Methylnaphthalene
Concen: 4.354 ng
RT: 8.792 min Scan# 1139
Delta R.T. -0.006 min
Lab File: BF141323.D
Acq: 31 Jan 2025 11:08

Instrument : BNA_F
ClientSampleId : MDL-WATER-03-QT1-2025

Tgt Ion:142 Resp: 94454
Ion Ratio Lower Upper
142 100
141 87.9 71.3 106.9

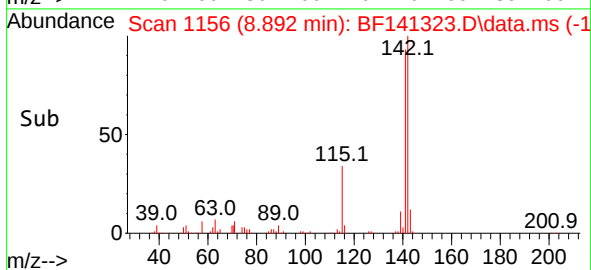
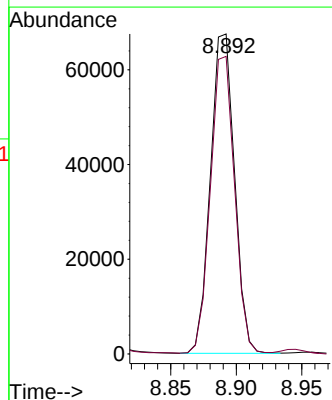
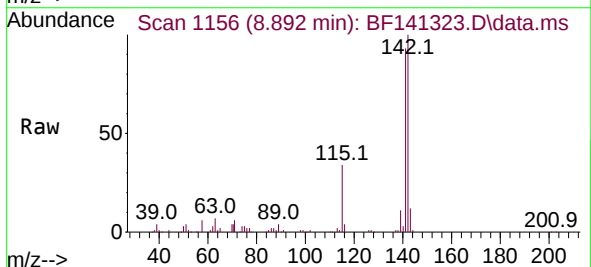
Manual Integrations
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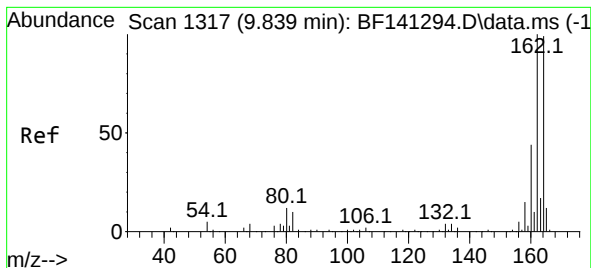
Reviewed By :Jagrut Upadhyay 02/03/2025
Supervised By :mohammad ahmed 02/04/2025



#38
1-Methylnaphthalene
Concen: 4.051 ng
RT: 8.892 min Scan# 1156
Delta R.T. -0.006 min
Lab File: BF141323.D
Acq: 31 Jan 2025 11:08

Tgt Ion:142 Resp: 86324
Ion Ratio Lower Upper
142 100
141 93.0 73.2 109.8





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.833 min Scan# 1167

Delta R.T. -0.006 min

Lab File: BF141323.D

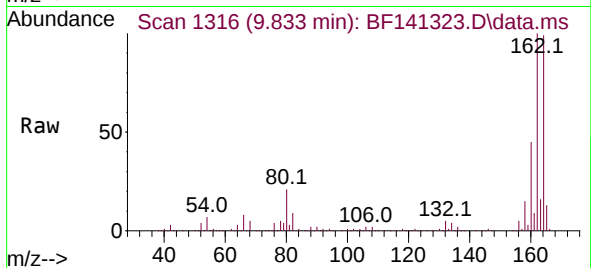
Acq: 31 Jan 2025 11:08

Instrument :

BNA_F

ClientSampleId :

MDL-WATER-03-QT1-2025



Tgt Ion:164 Resp: 354270

Ion Ratio Lower Upper

164 100

162 100.9 80.6 121.0

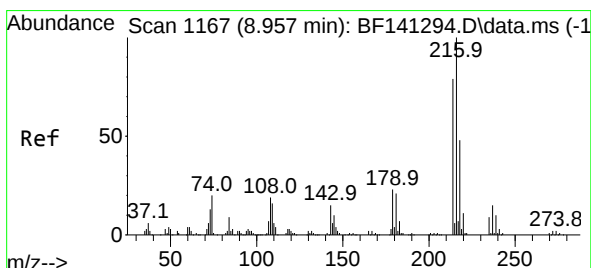
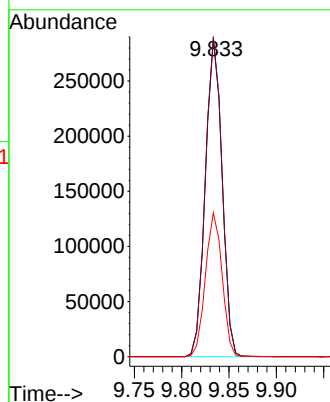
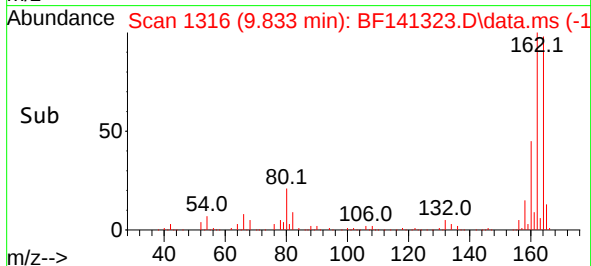
160 45.3 35.8 53.6

Manual Integrations

APPROVED

Reviewed By :Jagrut Upadhyay 02/03/2025

Supervised By :mohammad ahmed 02/04/2025



#40

1,2,4,5-Tetrachlorobenzene

Concen: 4.411 ng

RT: 8.957 min Scan# 1167

Delta R.T. -0.006 min

Lab File: BF141323.D

Acq: 31 Jan 2025 11:08

Tgt Ion:216 Resp: 44460

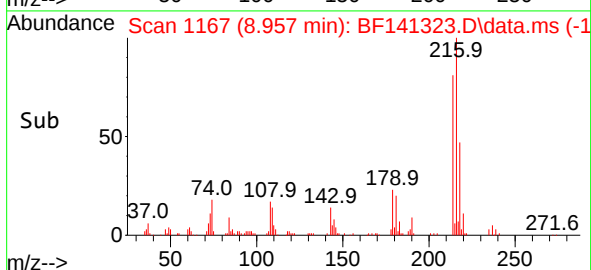
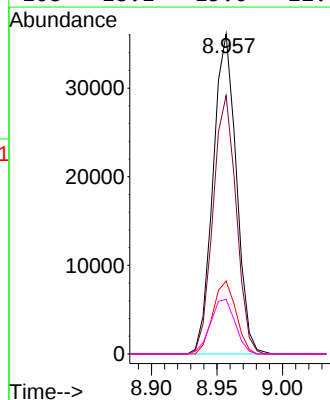
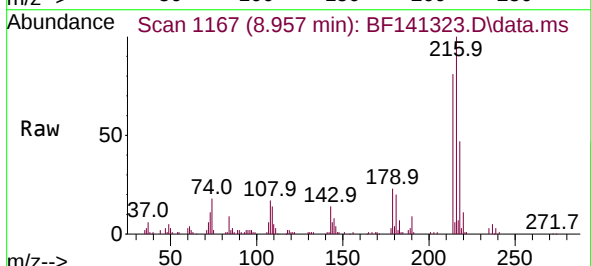
Ion Ratio Lower Upper

216 100

214 80.3 63.2 94.8

179 22.7 17.8 26.8

108 18.1 15.0 22.6





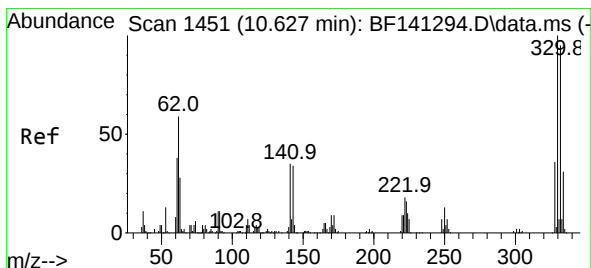
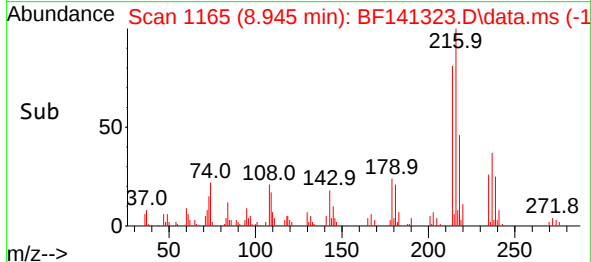
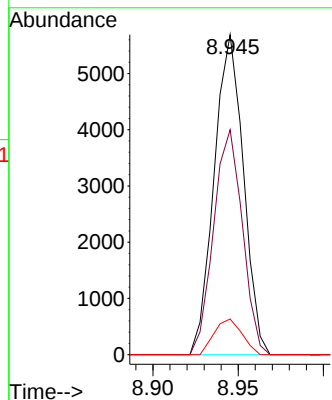
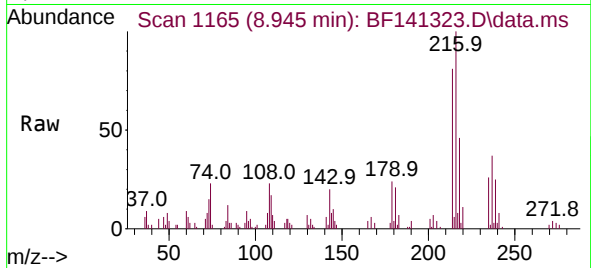
#41
Hexachlorocyclopentadiene
Concen: 2.282 ng
RT: 8.945 min Scan# 1165
Delta R.T. -0.006 min
Lab File: BF141323.D
Acq: 31 Jan 2025 11:08

Instrument :
BNA_F
ClientSampleId :
MDL-WATER-03-QT1-2025

Tgt Ion:237 Resp: 6792
Ion Ratio Lower Upper
237 100
235 70.3 42.9 82.9
272 11.2 0.0 32.8

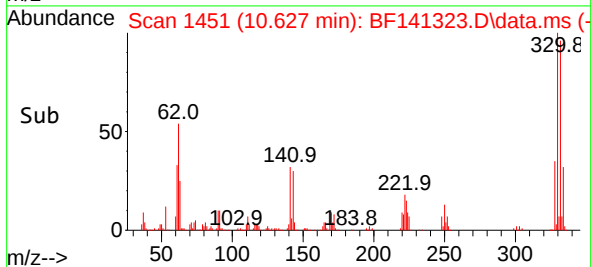
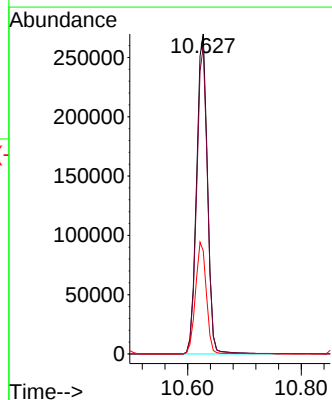
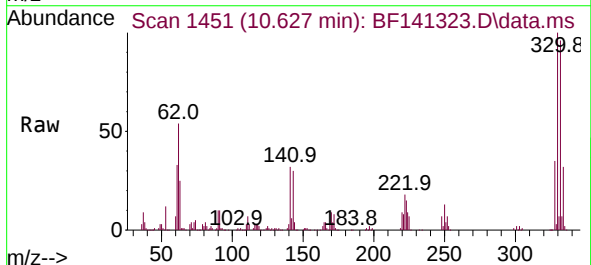
Manual Integrations
APPROVED

Reviewed By :Jagrut Upadhyay 02/03/2025
Supervised By :mohammad ahmed 02/04/2025



#42
2,4,6-Tribromophenol
Concen: 111.207 ng
RT: 10.627 min Scan# 1451
Delta R.T. -0.006 min
Lab File: BF141323.D
Acq: 31 Jan 2025 11:08

Tgt Ion:330 Resp: 361189
Ion Ratio Lower Upper
330 100
332 95.6 76.1 114.1
141 34.8 28.8 43.2





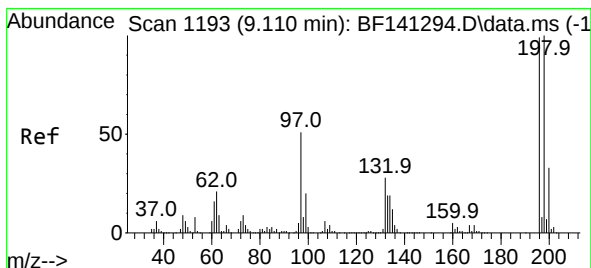
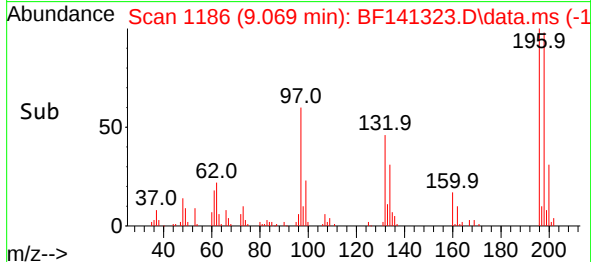
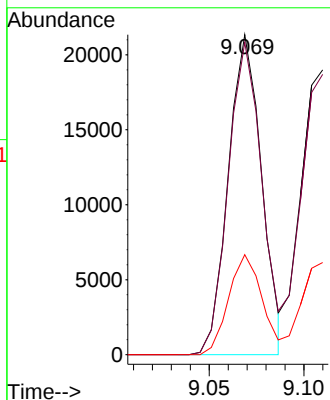
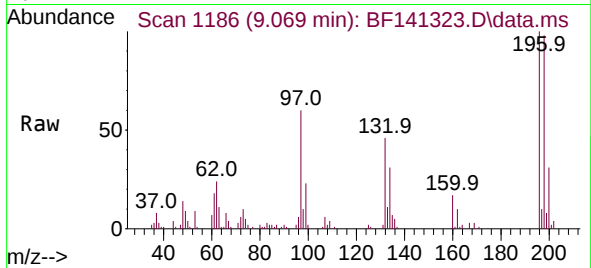
#43
2,4,6-Trichlorophenol
Concen: 3.959 ng
RT: 9.069 min Scan# 1186
Delta R.T. -0.006 min
Lab File: BF141323.D
Acq: 31 Jan 2025 11:08

Instrument :
BNA_F
ClientSampleId :
MDL-WATER-03-QT1-2025

Tgt Ion:196 Resp: 2611
Ion Ratio Lower Upper
196 100
198 97.6 81.8 122.6
200 31.3 26.3 39.5

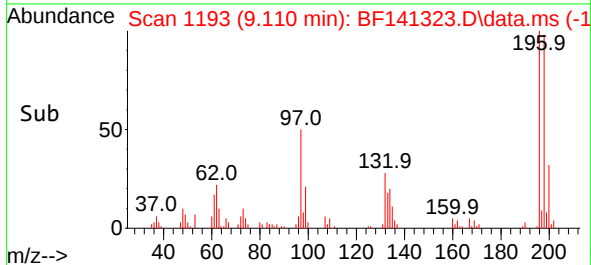
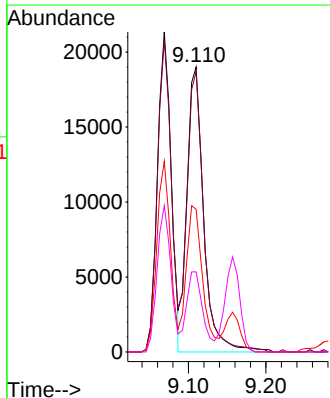
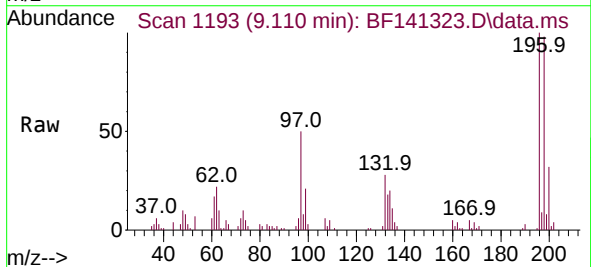
Manual Integrations
APPROVED

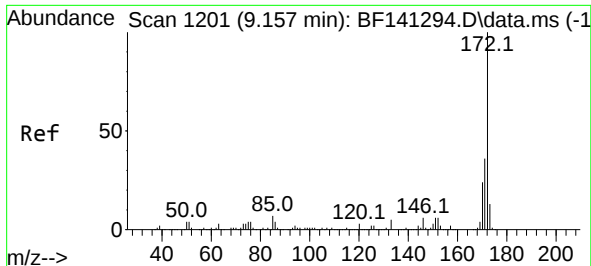
Reviewed By :Jagrut Upadhyay 02/03/2025
Supervised By :mohammad ahmed 02/04/2025



#44
2,4,5-Trichlorophenol
Concen: 3.987 ng
RT: 9.110 min Scan# 1193
Delta R.T. -0.006 min
Lab File: BF141323.D
Acq: 31 Jan 2025 11:08

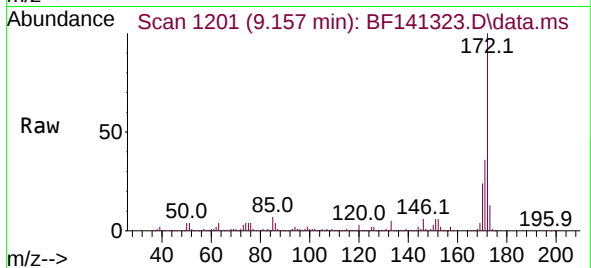
Tgt Ion:196 Resp: 28624
Ion Ratio Lower Upper
196 100
198 98.4 80.5 120.7
97 50.1 42.8 64.2
132 28.1 23.5 35.3





#45
2-Fluorobiphenyl
Concen: 73.929 ng
RT: 9.157 min Scan# 1201
Delta R.T. -0.006 min
Lab File: BF141323.D
Acq: 31 Jan 2025 11:08

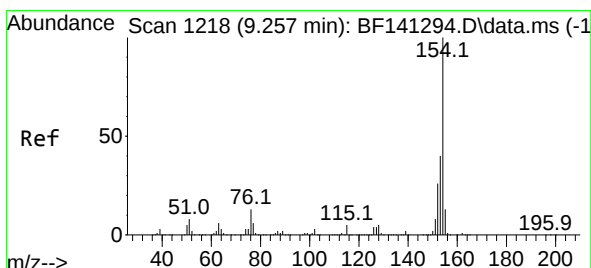
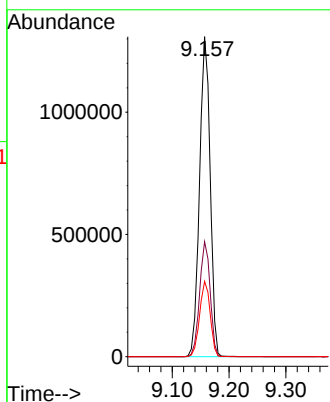
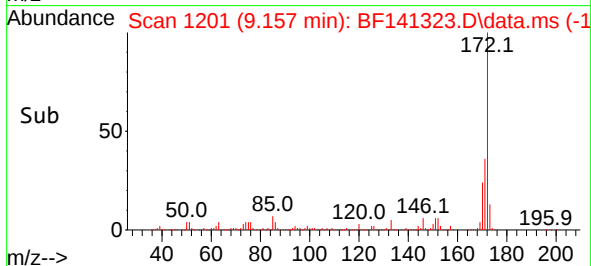
Instrument : BNA_F
ClientSampleId : MDL-WATER-03-QT1-2025



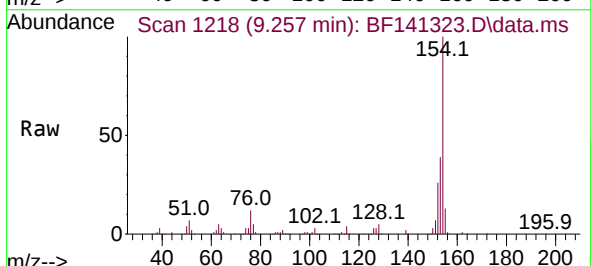
Tgt Ion:172 Resp: 170161
Ion Ratio Lower Upper
172 100
171 35.9 28.8 43.2
170 23.6 19.0 28.6

Manual Integrations
APPROVED

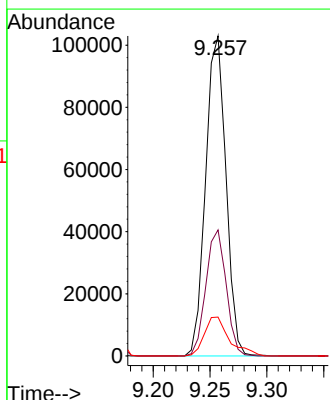
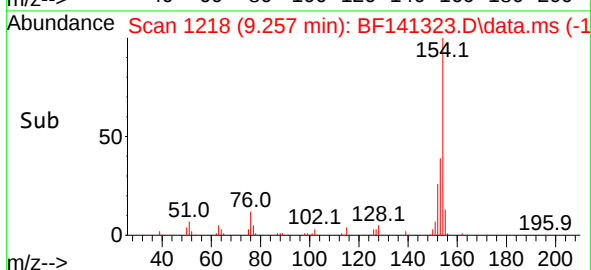
Reviewed By :Jagrut Upadhyay 02/03/2025
Supervised By :mohammad ahmed 02/04/2025

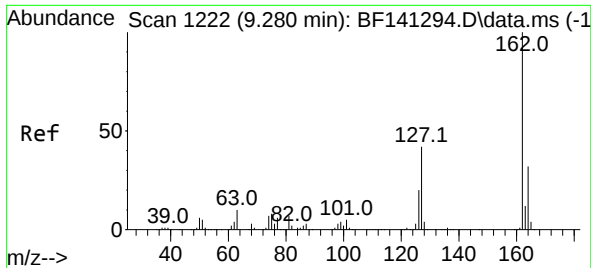


#46
1,1'-Biphenyl
Concen: 4.629 ng
RT: 9.257 min Scan# 1218
Delta R.T. -0.006 min
Lab File: BF141323.D
Acq: 31 Jan 2025 11:08



Tgt Ion:154 Resp: 127891
Ion Ratio Lower Upper
154 100
153 39.4 20.0 60.0
76 12.2 0.0 32.8





#47

2-Chloronaphthalene

Concen: 4.106 ng

RT: 9.280 min Scan# 1222

Delta R.T. -0.006 min

Lab File: BF141323.D

Acq: 31 Jan 2025 11:08

Instrument :

BNA_F

ClientSampleId :

MDL-WATER-03-QT1-2025

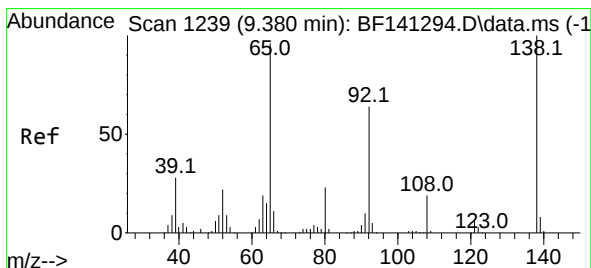
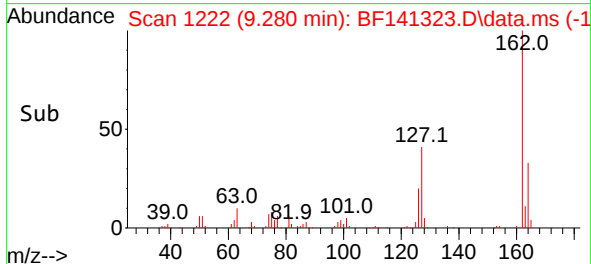
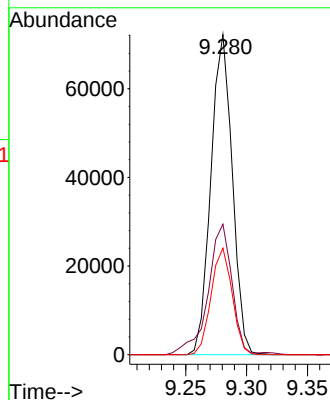
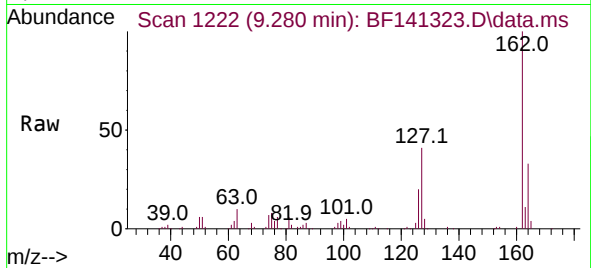
Tgt Ion:162 Resp: 88419

Ion	Ratio	Lower	Upper
162	100		
127	40.8	33.7	50.5
164	33.3	25.9	38.9

Manual Integrations

APPROVED

Reviewed By :Jagrut Upadhyay 02/03/2025
Supervised By :mohammad ahmed 02/04/2025



#48

2-Nitroaniline

Concen: 3.820 ng

RT: 9.375 min Scan# 1238

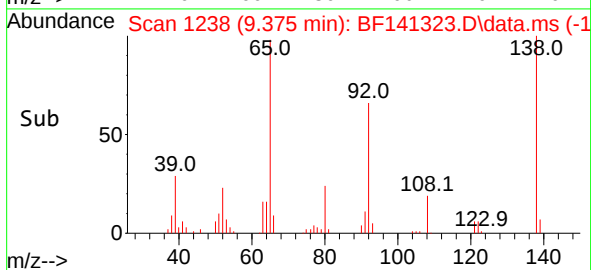
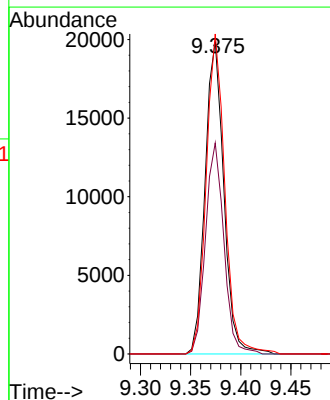
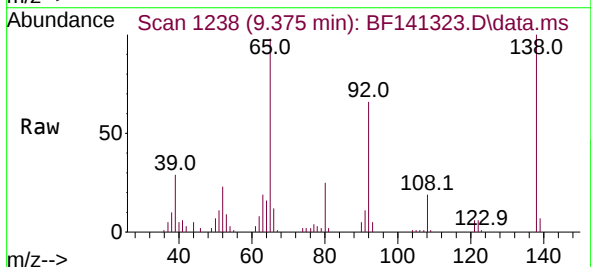
Delta R.T. -0.006 min

Lab File: BF141323.D

Acq: 31 Jan 2025 11:08

Tgt Ion: 65 Resp: 25875

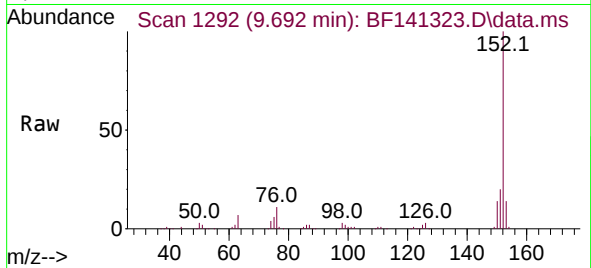
Ion	Ratio	Lower	Upper
65	100		
92	67.5	53.3	79.9
138	102.4	83.6	125.4





#49
Acenaphthylene
Concen: 4.568 ng
RT: 9.692 min Scan# 1293
Delta R.T. -0.012 min
Lab File: BF141323.D
Acq: 31 Jan 2025 11:08

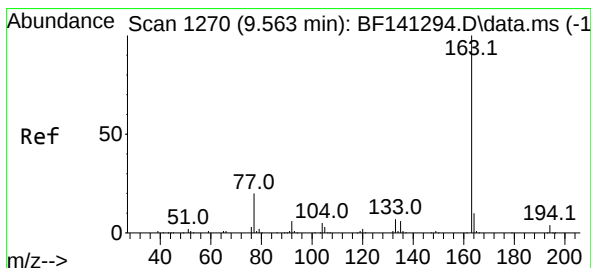
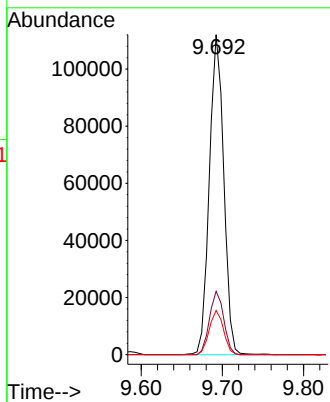
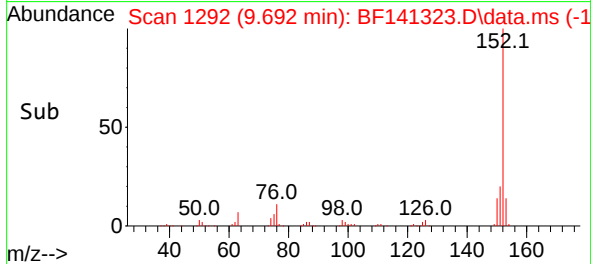
Instrument : BNA_F
ClientSampleId :
MDL-WATER-03-QT1-2025



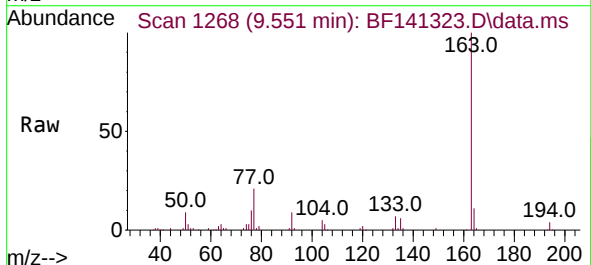
Tgt Ion:152 Resp: 13770
Ion Ratio Lower Upper
152 100
151 19.8 16.2 24.2
153 13.8 11.0 16.6

Manual Integrations
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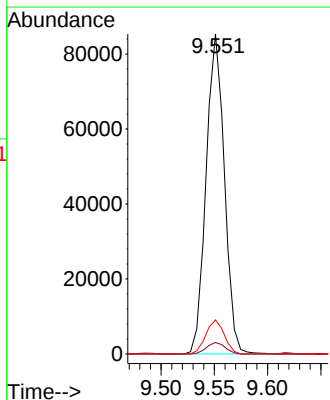
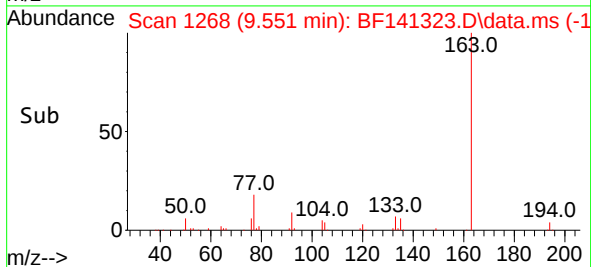
Reviewed By :Jagrut Upadhyay 02/03/2025
Supervised By :mohammad ahmed 02/04/2025

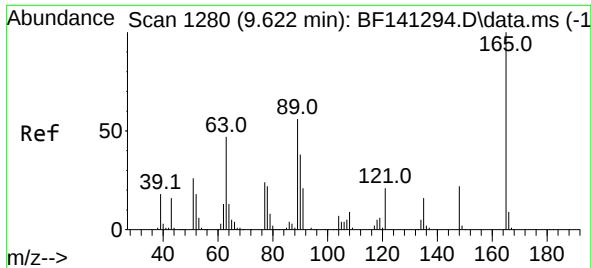


#50
Dimethylphthalate
Concen: 4.275 ng
RT: 9.551 min Scan# 1268
Delta R.T. -0.018 min
Lab File: BF141323.D
Acq: 31 Jan 2025 11:08



Tgt Ion:163 Resp: 102293
Ion Ratio Lower Upper
163 100
194 3.6 3.0 4.6
164 10.6 8.0 12.0





#51

2,6-Dinitrotoluene

Concen: 3.874 ng

RT: 9.616 min Scan# 11

Delta R.T. -0.012 min

Lab File: BF141323.D

Acq: 31 Jan 2025 11:08

Instrument :

BNA_F

ClientSampleId :

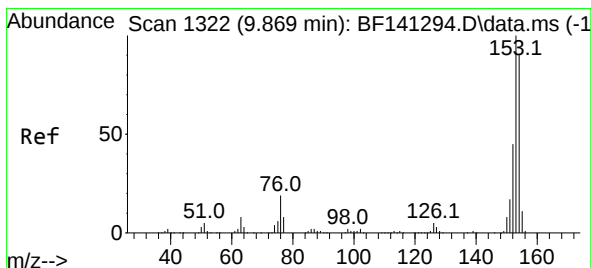
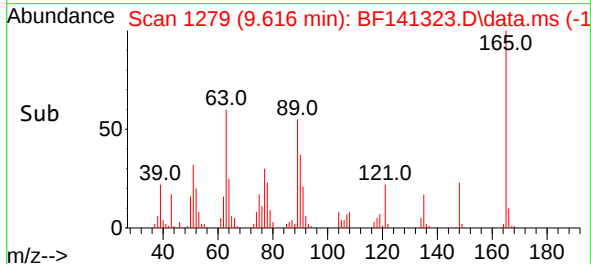
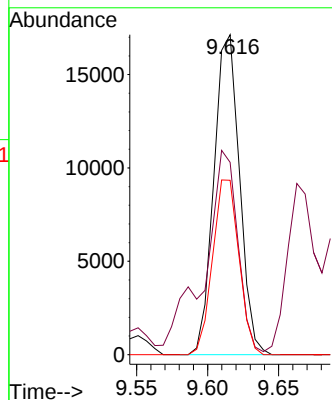
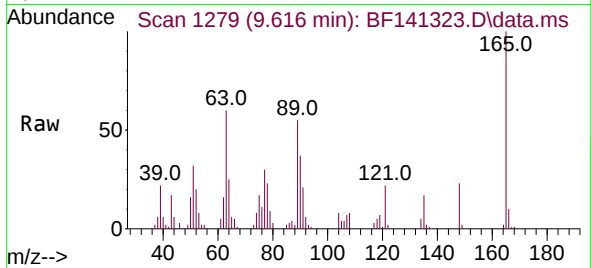
MDL-WATER-03-QT1-2025

Tgt Ion:	165	Resp:	21524
Ion Ratio	Lower	Upper	
165	100		
63	60.1	48.1	72.1
89	54.5	44.9	67.3

Manual Integrations

APPROVED

Reviewed By :Jagrut Upadhyay 02/03/2025
Supervised By :mohammad ahmed 02/04/2025



#52

Acenaphthene

Concen: 4.472 ng

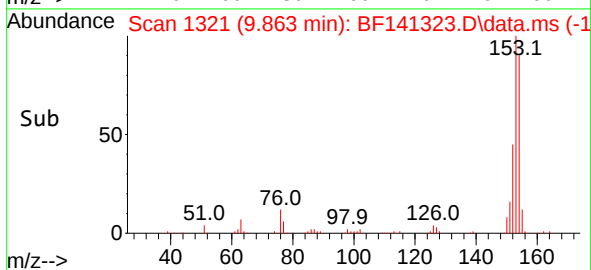
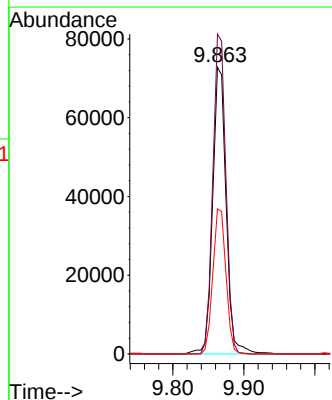
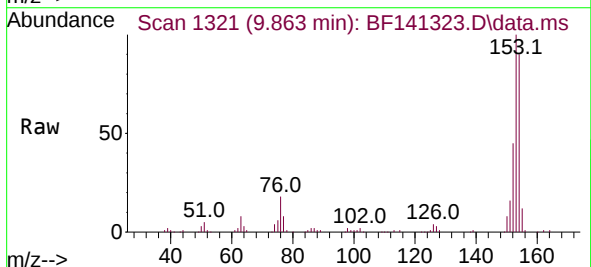
RT: 9.863 min Scan# 1321

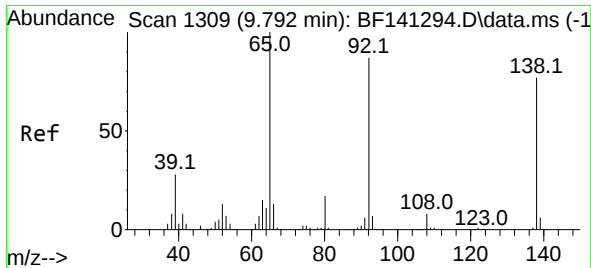
Delta R.T. -0.012 min

Lab File: BF141323.D

Acq: 31 Jan 2025 11:08

Tgt Ion:	154	Resp:	96307
Ion Ratio	Lower	Upper	
154	100		
153	111.6	89.0	133.4
152	50.6	40.2	60.4





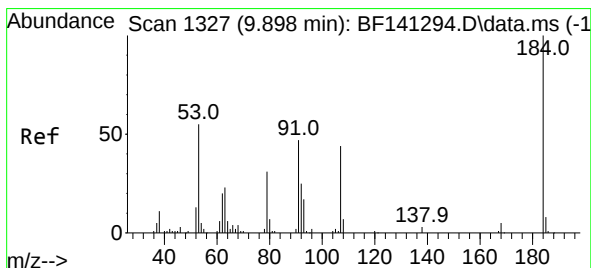
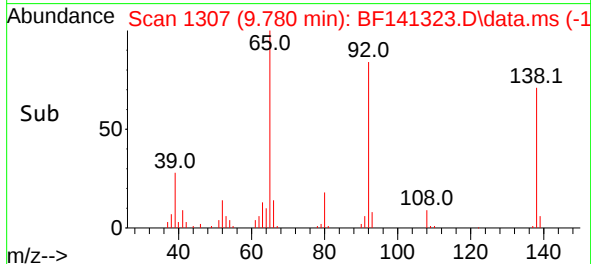
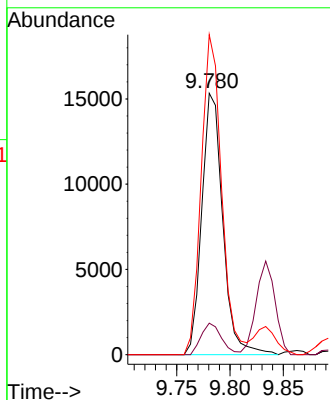
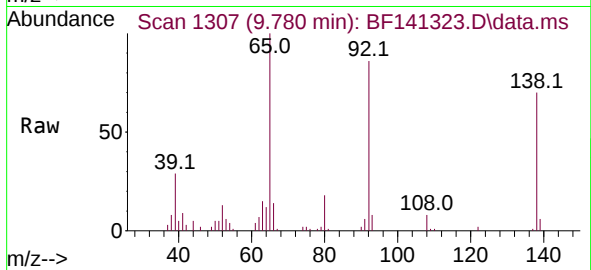
#53
3-Nitroaniline
Concen: 3.863 ng
RT: 9.780 min Scan# 11
Delta R.T. -0.018 min
Lab File: BF141323.D
Acq: 31 Jan 2025 11:08

Instrument :
BNA_F
ClientSampleId :
MDL-WATER-03-QT1-2025

Tgt Ion:138 Resp: 21034
Ion Ratio Lower Upper
138 100
108 12.1 8.6 12.8
92 122.4 91.0 136.6

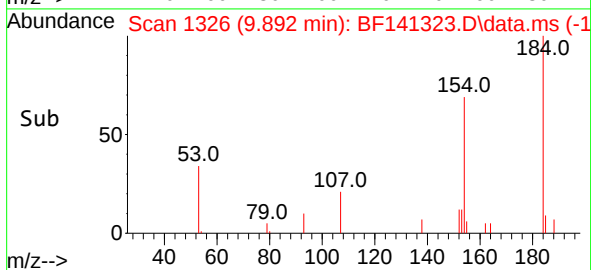
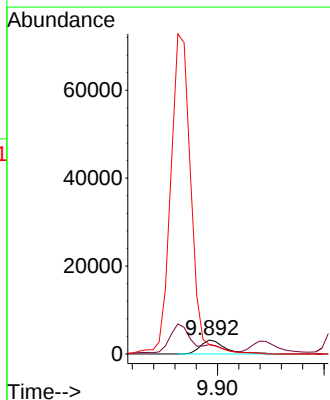
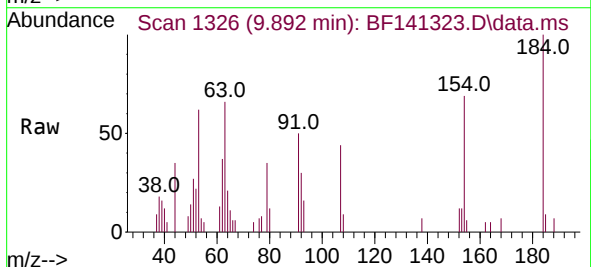
Manual Integrations
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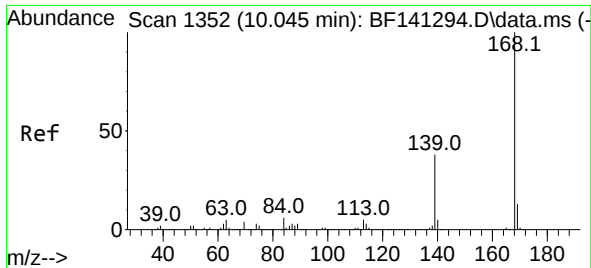
Reviewed By :Jagrut Upadhyay 02/03/2025
Supervised By :mohammad ahmed 02/04/2025



#54
2,4-Dinitrophenol
Concen: 1.969 ng
RT: 9.892 min Scan# 1326
Delta R.T. -0.012 min
Lab File: BF141323.D
Acq: 31 Jan 2025 11:08

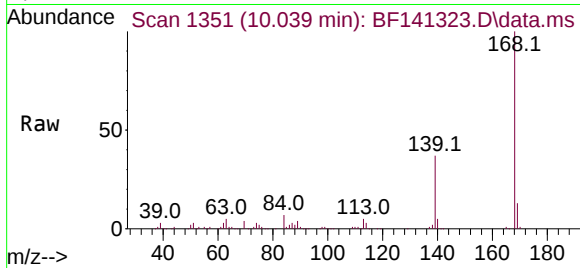
Tgt Ion:184 Resp: 5085
Ion Ratio Lower Upper
184 100
63 66.4 54.1 81.1
154 68.9 50.7 76.1





#55
Dibenzenofuran
Concen: 4.431 ng
RT: 10.039 min Scan# 1351
Delta R.T. -0.006 min
Lab File: BF141323.D
Acq: 31 Jan 2025 11:08

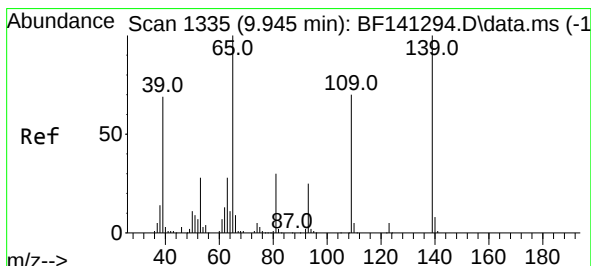
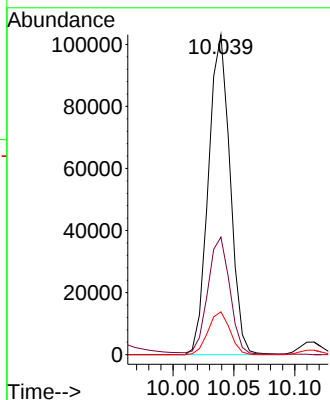
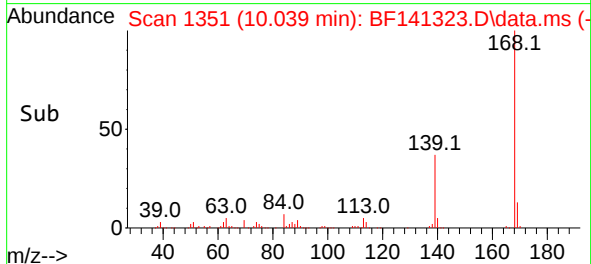
Instrument : BNA_F
ClientSampleId : MDL-WATER-03-QT1-2025



Tgt Ion:168 Resp: 12774
Ion Ratio Lower Upper
168 100
139 36.7 30.6 46.0
169 13.4 10.8 16.2

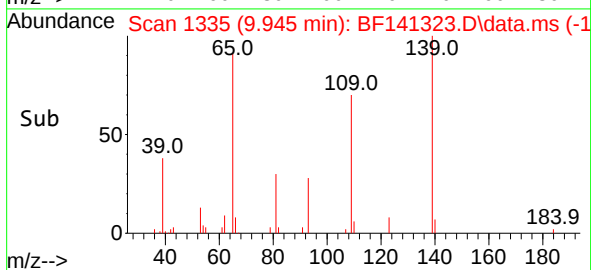
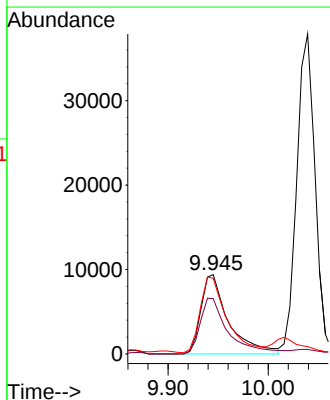
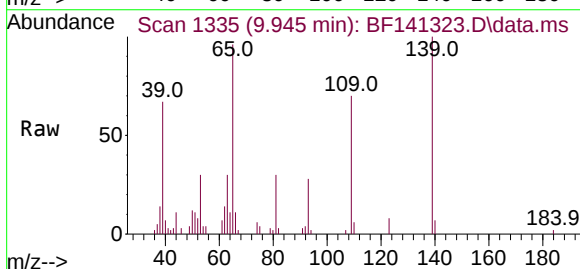
Manual Integrations
APPROVED

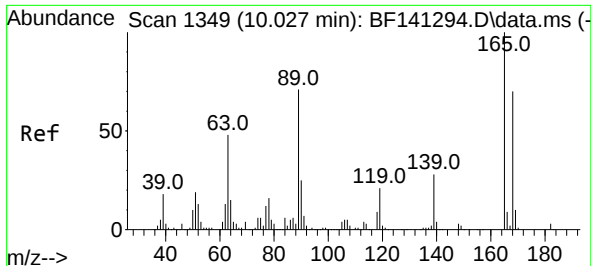
Reviewed By :Jagrut Upadhyay 02/03/2025
Supervised By :mohammad ahmed 02/04/2025



#56
4-Nitrophenol
Concen: 4.514 ng
RT: 9.945 min Scan# 1335
Delta R.T. -0.012 min
Lab File: BF141323.D
Acq: 31 Jan 2025 11:08

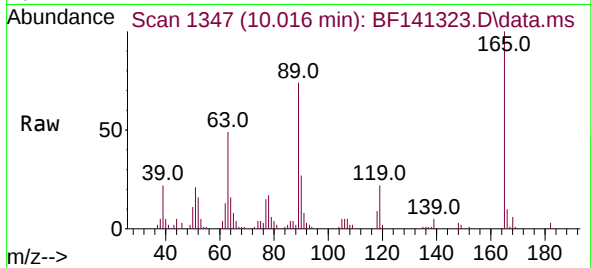
Tgt Ion:139 Resp: 17976
Ion Ratio Lower Upper
139 100
109 69.8 50.2 90.2
65 95.5 80.6 120.6





#57
2,4-Dinitrotoluene
Concen: 4.492 ng
RT: 10.016 min Scan# 1409
Delta R.T. -0.018 min
Lab File: BF141323.D
Acq: 31 Jan 2025 11:08

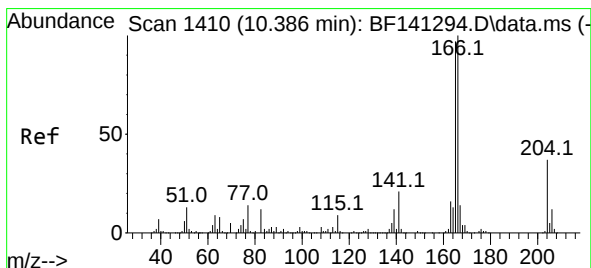
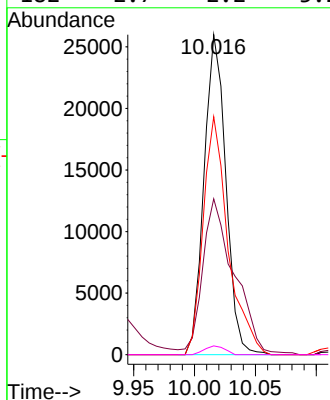
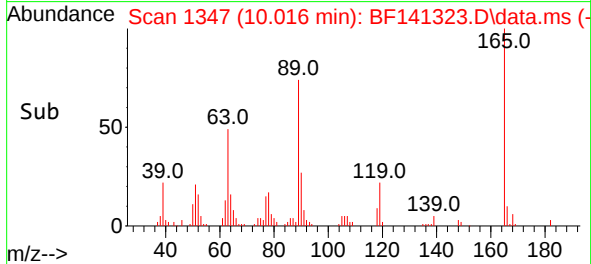
Instrument :
BNA_F
ClientSampleId :
MDL-WATER-03-QT1-2025



Tgt Ion:165 Resp: 3231
Ion Ratio Lower Upper
165 100
63 48.7 39.2 58.8
89 74.3 56.9 85.3
182 2.7 2.2 3.2

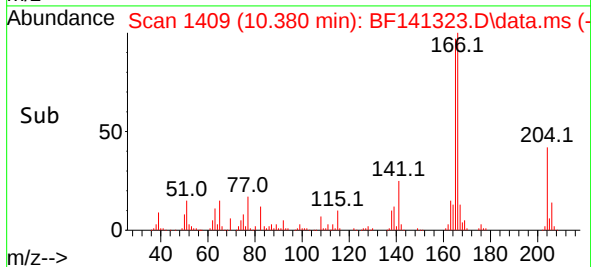
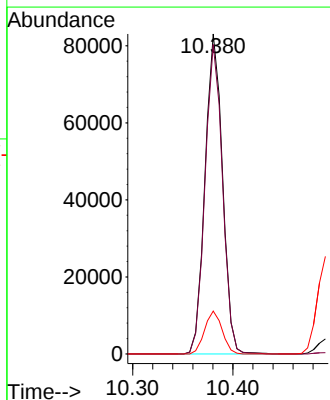
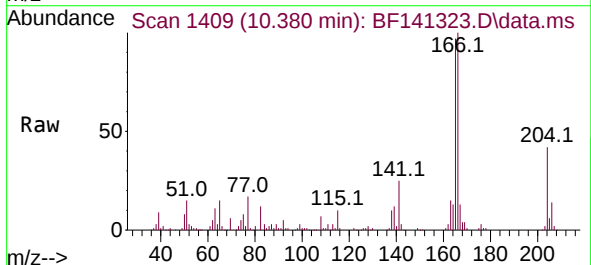
Manual Integrations
APPROVED

Reviewed By :Jagrut Upadhyay 02/03/2025
Supervised By :mohammad ahmed 02/04/2025



#58
Fluorene
Concen: 4.515 ng
RT: 10.380 min Scan# 1409
Delta R.T. -0.012 min
Lab File: BF141323.D
Acq: 31 Jan 2025 11:08

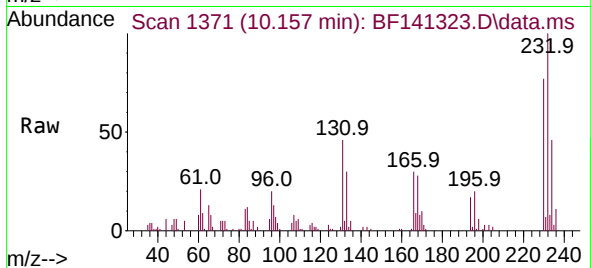
Tgt Ion:166 Resp: 100962
Ion Ratio Lower Upper
166 100
165 96.7 77.5 116.3
167 13.4 10.9 16.3





#59
2,3,4,6-Tetrachlorophenol
Concen: 4.189 ng
RT: 10.157 min Scan# 1371
Delta R.T. -0.006 min
Lab File: BF141323.D
Acq: 31 Jan 2025 11:08

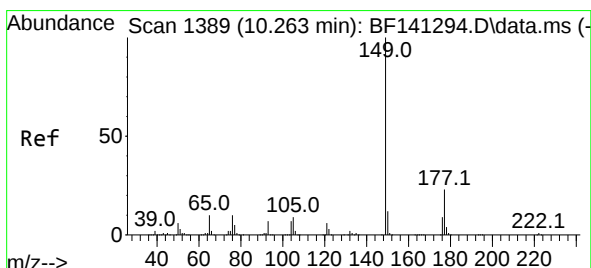
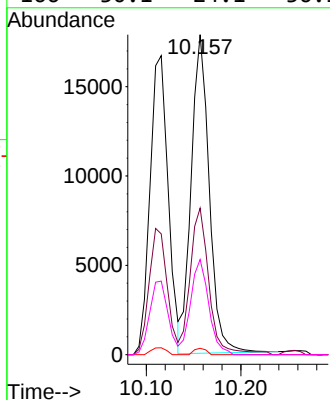
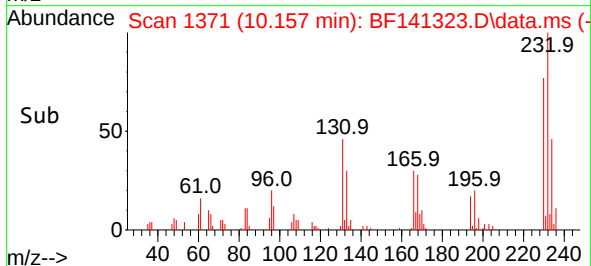
Instrument :
BNA_F
ClientSampleId :
MDL-WATER-03-QT1-2025



Tgt Ion:232 Resp: 2366
Ion Ratio Lower Upper
232 100
131 48.2 36.4 54.6
130 1.4 1.9 2.9
166 30.1 24.1 36.1

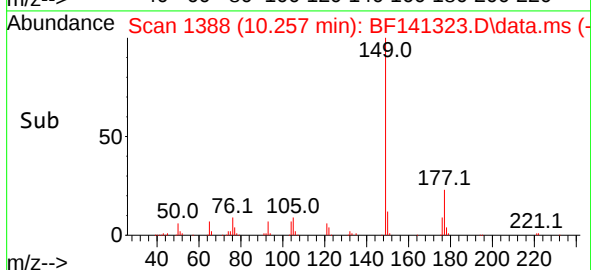
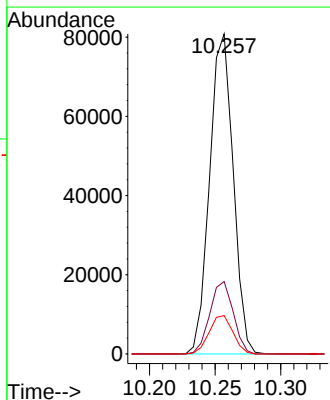
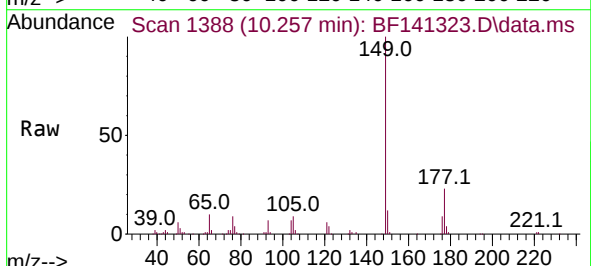
Manual Integrations
APPROVED

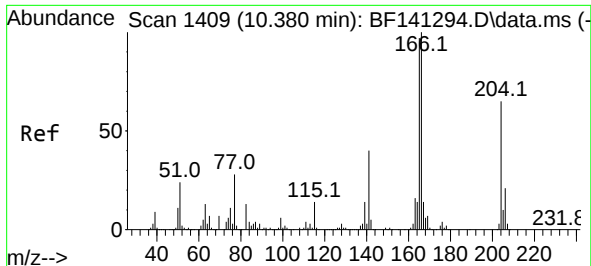
Reviewed By :Jagrut Upadhyay 02/03/2025
Supervised By :mohammad ahmed 02/04/2025



#60
Diethylphthalate
Concen: 4.352 ng
RT: 10.257 min Scan# 1388
Delta R.T. -0.012 min
Lab File: BF141323.D
Acq: 31 Jan 2025 11:08

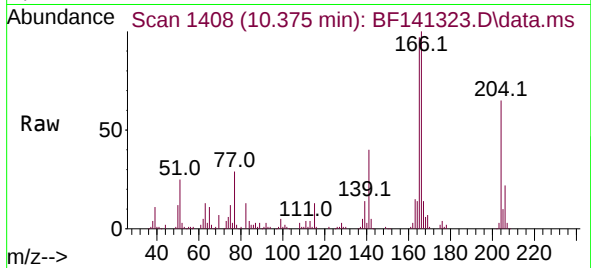
Tgt Ion:149 Resp: 100965
Ion Ratio Lower Upper
149 100
177 22.6 18.5 27.7
150 12.0 10.0 15.0





#61
4-Chlorophenyl-phenylether
Concen: 4.417 ng
RT: 10.375 min Scan# 1409
Delta R.T. -0.006 min
Lab File: BF141323.D
Acq: 31 Jan 2025 11:08

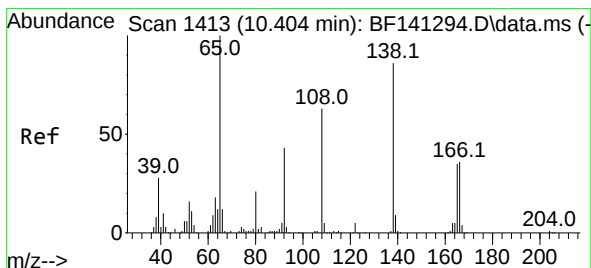
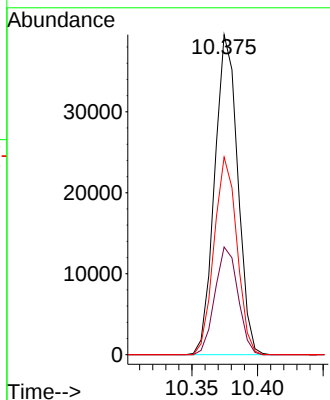
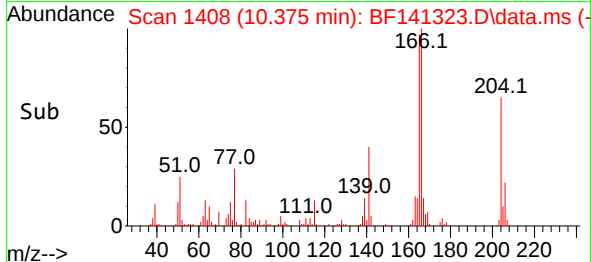
Instrument :
BNA_F
ClientSampleId :
MDL-WATER-03-QT1-2025



Tgt Ion:204 Resp: 48250
Ion Ratio Lower Upper
204 100
206 33.7 25.9 38.9
141 61.7 49.5 74.3

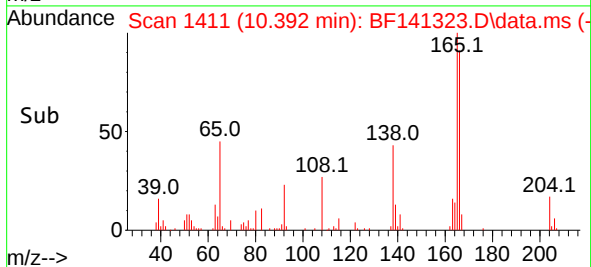
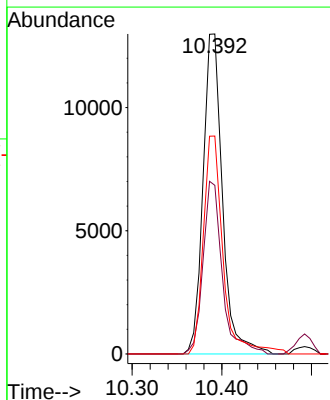
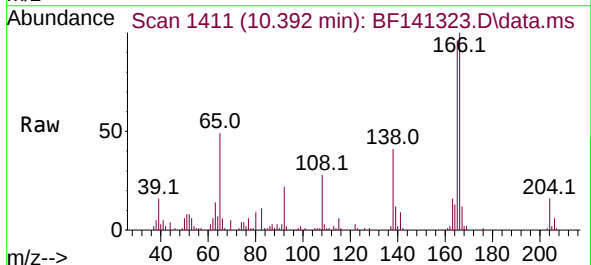
Manual Integrations
APPROVED

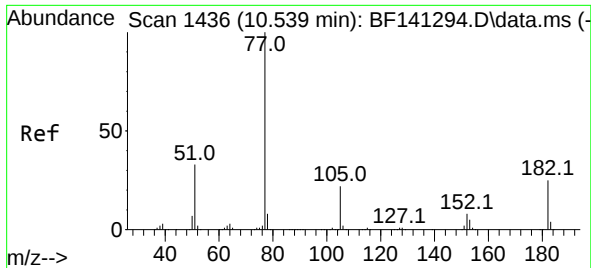
Reviewed By :Jagrut Upadhyay 02/03/2025
Supervised By :mohammad ahmed 02/04/2025



#62
4-Nitroaniline
Concen: 3.652 ng
RT: 10.392 min Scan# 1411
Delta R.T. -0.024 min
Lab File: BF141323.D
Acq: 31 Jan 2025 11:08

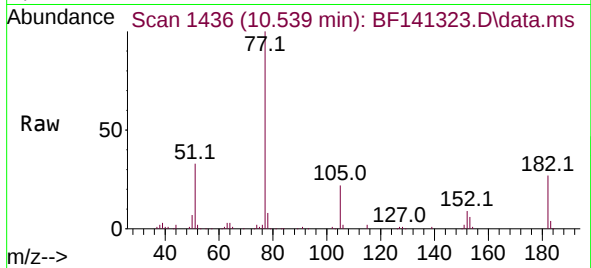
Tgt Ion:138 Resp: 19551
Ion Ratio Lower Upper
138 100
92 52.7 30.1 70.1
108 68.1 53.1 93.1





#63
Azobenzene
Concen: 4.329 ng
RT: 10.539 min Scan# 1436
Delta R.T. -0.006 min
Lab File: BF141323.D
Acq: 31 Jan 2025 11:08

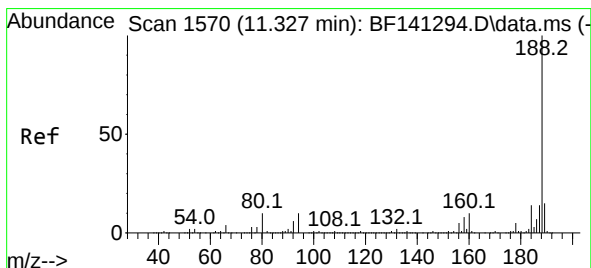
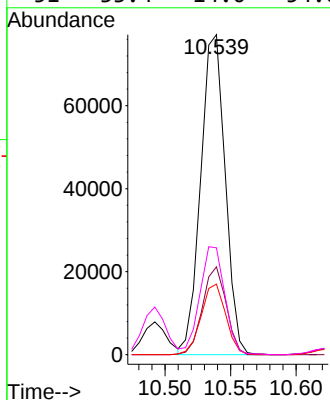
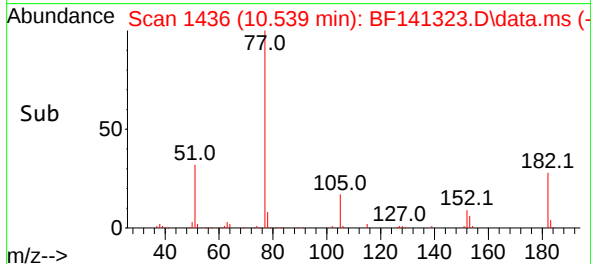
Instrument :
BNA_F
ClientSampleId :
MDL-WATER-03-QT1-2025



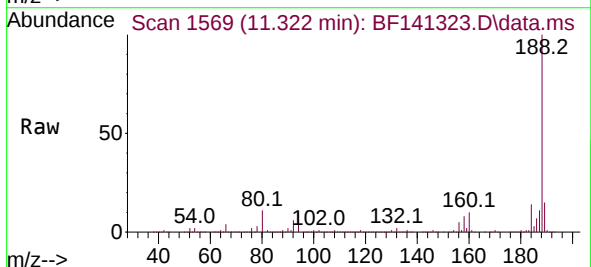
Tgt Ion: 77 Resp: 100539
Ion Ratio Lower Upper
77 100
182 27.5 5.1 45.1
105 22.1 1.8 41.8
51 33.4 14.0 54.0

Manual Integrations
APPROVED

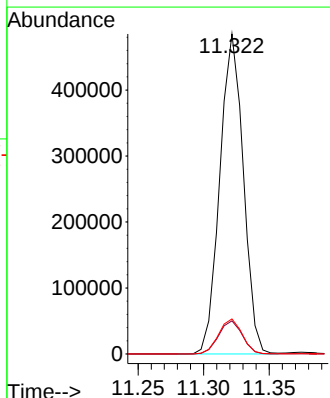
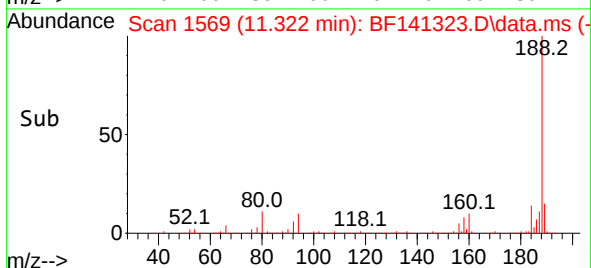
Reviewed By :Jagrut Upadhyay 02/03/2025
Supervised By :mohammad ahmed 02/04/2025

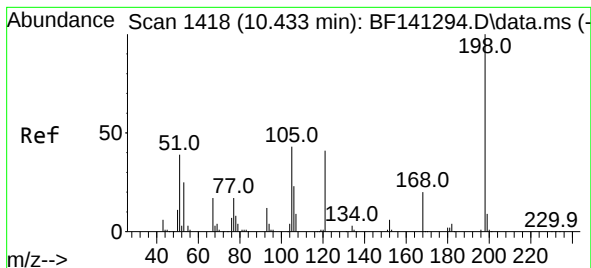


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.322 min Scan# 1569
Delta R.T. -0.006 min
Lab File: BF141323.D
Acq: 31 Jan 2025 11:08



Tgt Ion:188 Resp: 604042
Ion Ratio Lower Upper
188 100
94 10.3 7.8 11.6
80 11.0 8.2 12.4





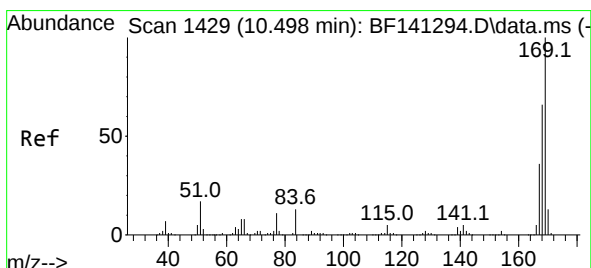
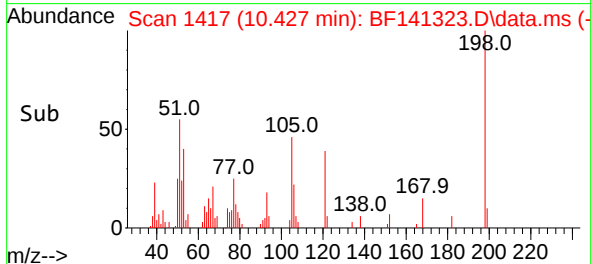
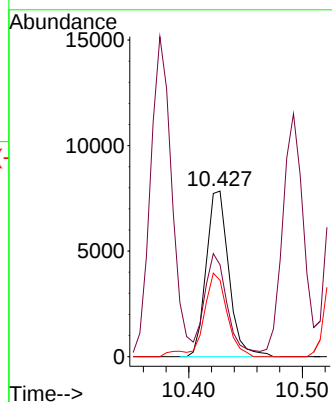
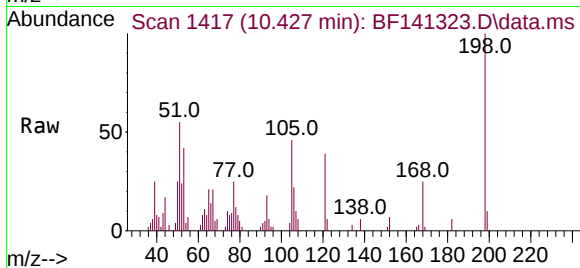
#65
4,6-Dinitro-2-methylphenol
Concen: 3.035 ng
RT: 10.427 min Scan# 1418
Delta R.T. -0.012 min
Lab File: BF141323.D
Acq: 31 Jan 2025 11:08

Instrument : BNA_F
ClientSampleId : MDL-WATER-03-QT1-2025

Tgt Ion:198 Resp: 1084
Ion Ratio Lower Upper
198 100
51 55.5 33.4 73.4
105 46.1 24.4 64.4

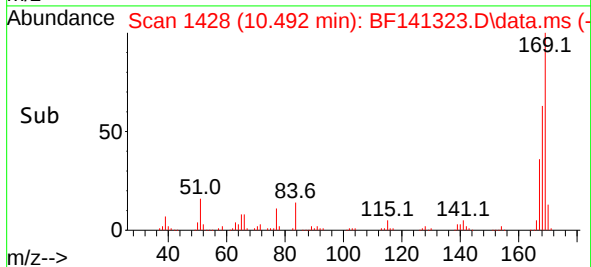
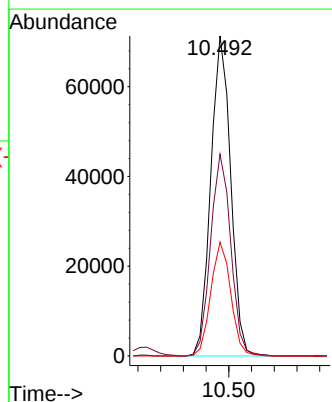
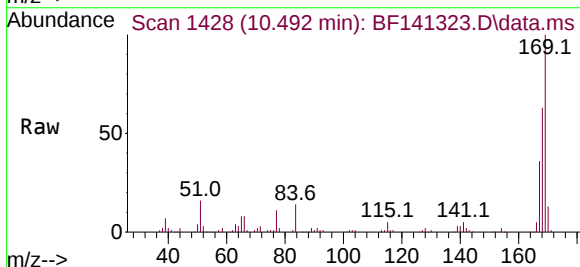
Manual Integrations
APPROVED

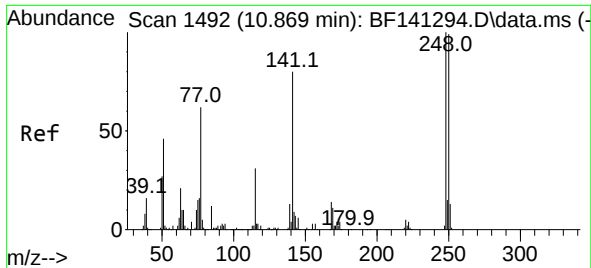
Reviewed By :Jagrut Upadhyay 02/03/2025
Supervised By :mohammad ahmed 02/04/2025



#66
n-Nitrosodiphenylamine
Concen: 4.442 ng
RT: 10.492 min Scan# 1428
Delta R.T. -0.012 min
Lab File: BF141323.D
Acq: 31 Jan 2025 11:08

Tgt Ion:169 Resp: 86790
Ion Ratio Lower Upper
169 100
168 63.0 53.0 79.4
167 35.6 28.8 43.2





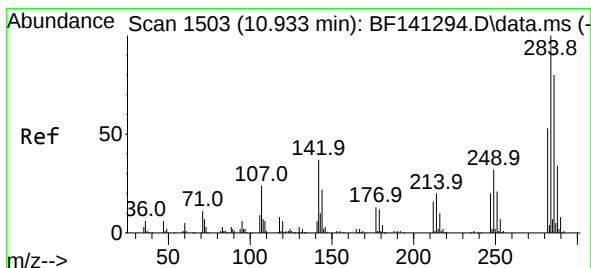
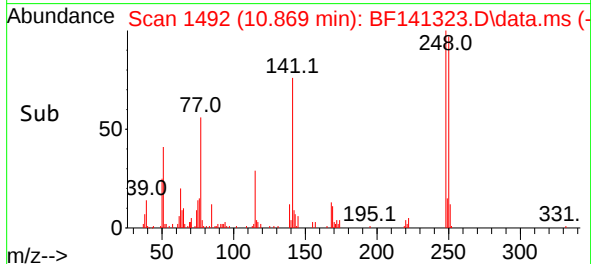
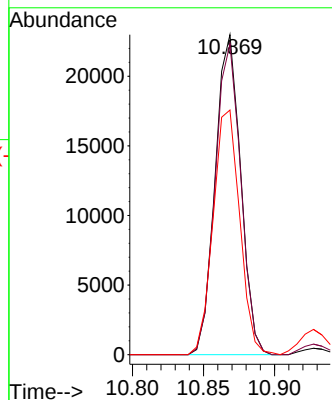
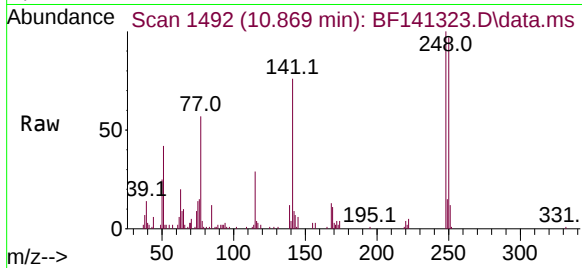
#67
4-Bromophenyl-phenylether
Concen: 4.242 ng
RT: 10.869 min Scan# 1492
Delta R.T. -0.006 min
Lab File: BF141323.D
Acq: 31 Jan 2025 11:08

Instrument :
BNA_F
ClientSampleId :
MDL-WATER-03-QT1-2025

Tgt Ion:248 Resp: 2868
Ion Ratio Lower Upper
248 100
250 97.1 79.0 118.4
141 76.4 63.7 95.5

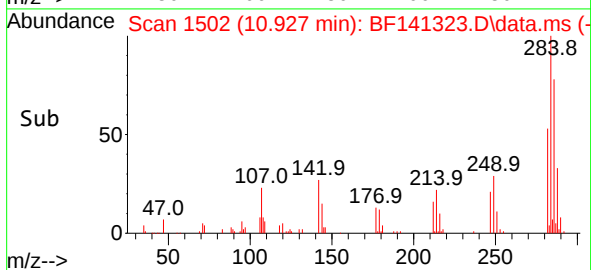
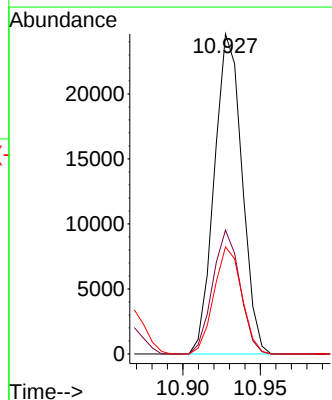
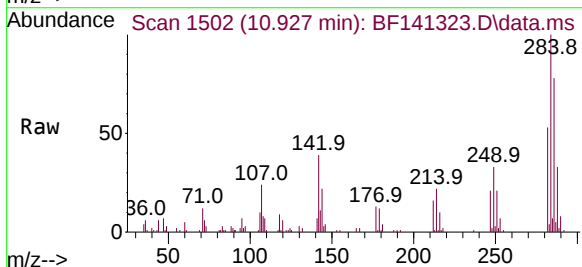
Manual Integrations
APPROVED

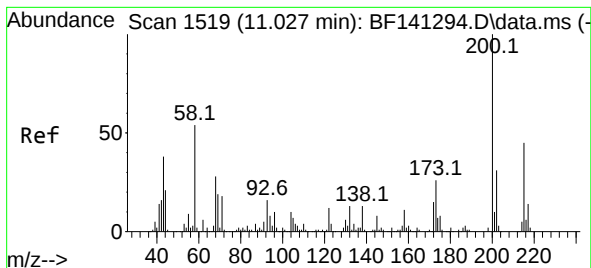
Reviewed By :Jagrut Upadhyay 02/03/2025
Supervised By :mohammad ahmed 02/04/2025



#68
Hexachlorobenzene
Concen: 4.263 ng
RT: 10.927 min Scan# 1502
Delta R.T. -0.012 min
Lab File: BF141323.D
Acq: 31 Jan 2025 11:08

Tgt Ion:284 Resp: 30578
Ion Ratio Lower Upper
284 100
142 38.7 29.5 44.3
249 33.5 25.4 38.2





#69

Atrazine

Concen: 4.147 ng

RT: 11.016 min Scan# 1517

Delta R.T. -0.018 min

Lab File: BF141323.D

Acq: 31 Jan 2025 11:08

Instrument :

BNA_F

ClientSampleId :

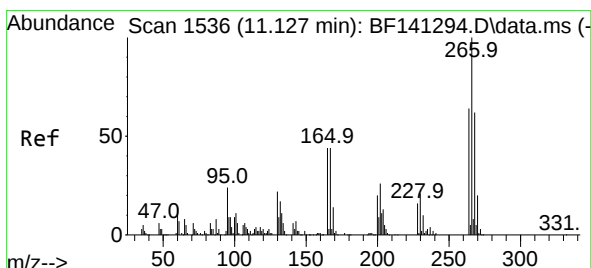
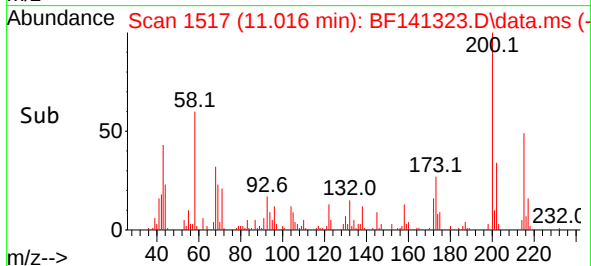
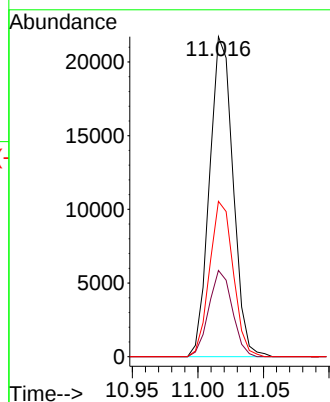
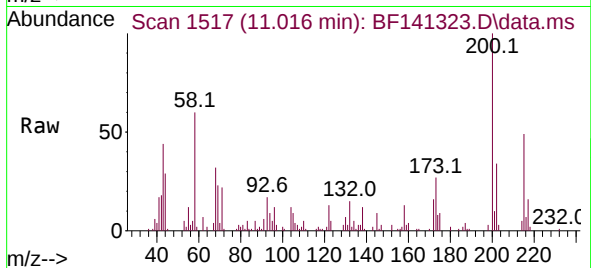
MDL-WATER-03-QT1-2025

Tgt Ion:200 Resp: 27088
 Ion Ratio Lower Upper
 200 100
 173 27.0 5.9 45.9
 215 48.6 25.2 65.2

Manual Integrations

APPROVED

Reviewed By :Jagrut Upadhyay 02/03/2025
 Supervised By :mohammad ahmed 02/04/2025



#70

Pentachlorophenol

Concen: 4.532 ng

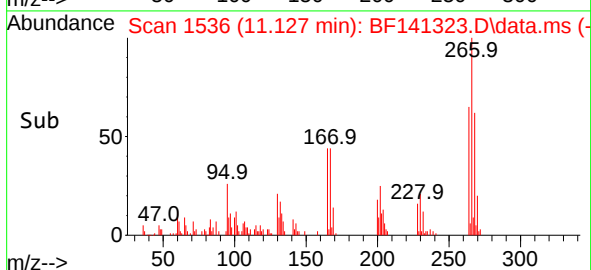
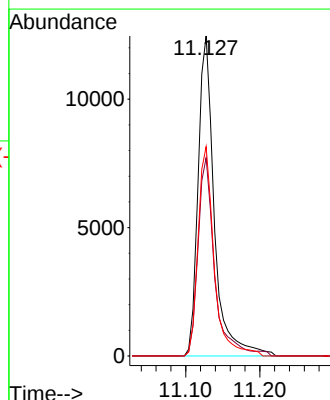
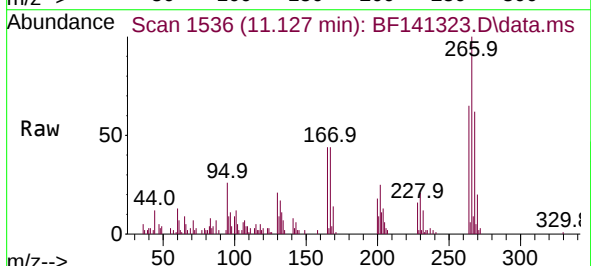
RT: 11.127 min Scan# 1536

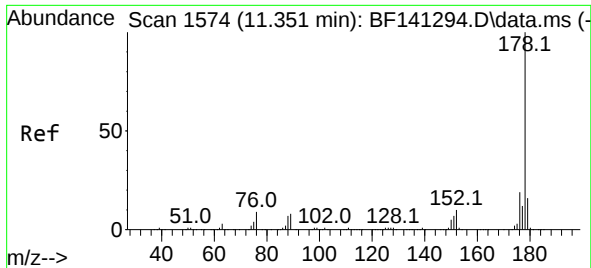
Delta R.T. -0.006 min

Lab File: BF141323.D

Acq: 31 Jan 2025 11:08

Tgt Ion:266 Resp: 19036
 Ion Ratio Lower Upper
 266 100
 268 61.9 49.9 74.9
 264 65.4 51.0 76.4





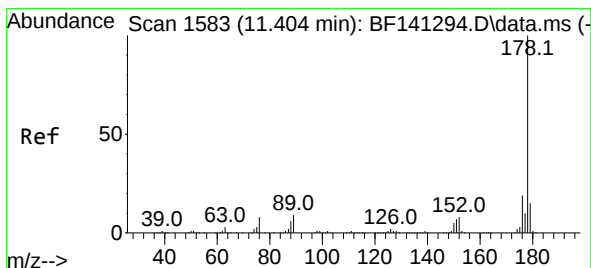
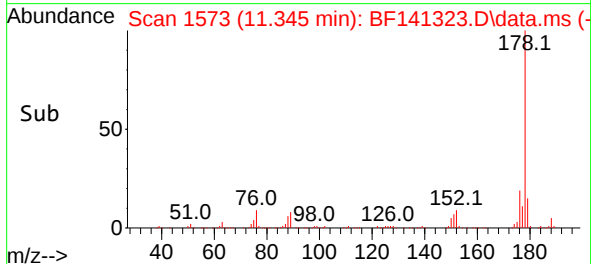
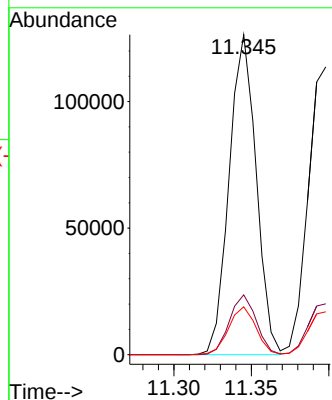
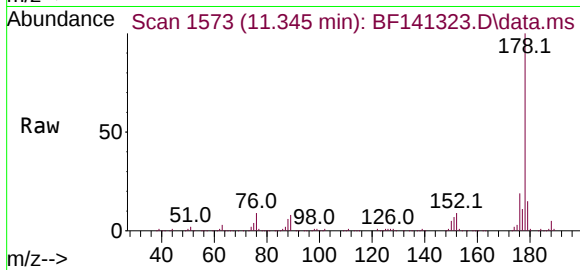
#71
Phenanthrene
Concen: 4.723 ng
RT: 11.345 min Scan# 1574
Delta R.T. -0.006 min
Lab File: BF141323.D
Acq: 31 Jan 2025 11:08

Instrument : BNA_F
ClientSampleId :
MDL-WATER-03-QT1-2025

Tgt Ion:178 Resp: 153362
Ion Ratio Lower Upper
178 100
176 18.7 15.3 22.9
179 14.9 12.5 18.7

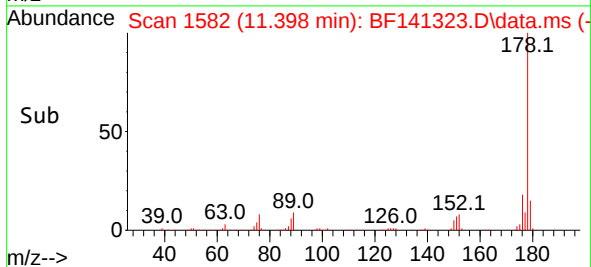
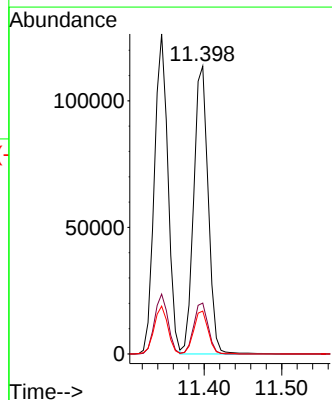
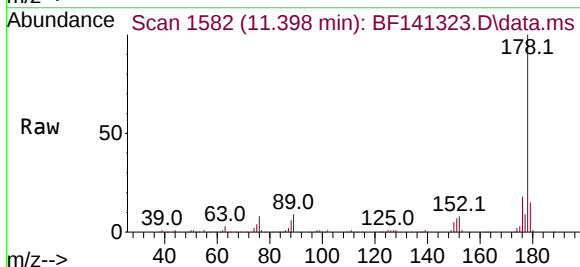
Manual Integrations
APPROVED

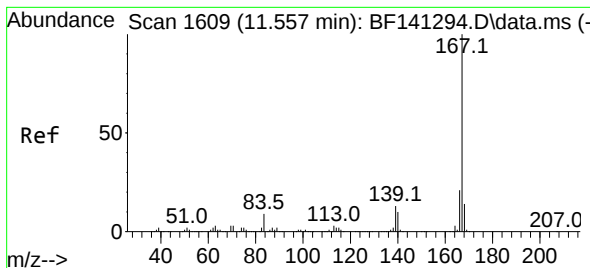
Reviewed By :Jagrut Upadhyay 02/03/2025
Supervised By :mohammad ahmed 02/04/2025



#72
Anthracene
Concen: 4.621 ng
RT: 11.398 min Scan# 1582
Delta R.T. -0.006 min
Lab File: BF141323.D
Acq: 31 Jan 2025 11:08

Tgt Ion:178 Resp: 147018
Ion Ratio Lower Upper
178 100
176 17.7 15.0 22.6
179 14.9 12.3 18.5





#73

Carbazole

Concen: 4.514 ng

RT: 11.551 min Scan# 1

Delta R.T. -0.006 min

Lab File: BF141323.D

Acq: 31 Jan 2025 11:08

Instrument :

BNA_F

ClientSampleId :

MDL-WATER-03-QT1-2025

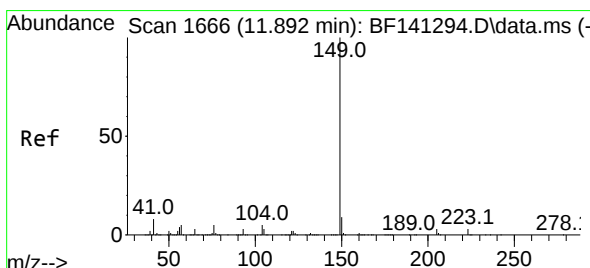
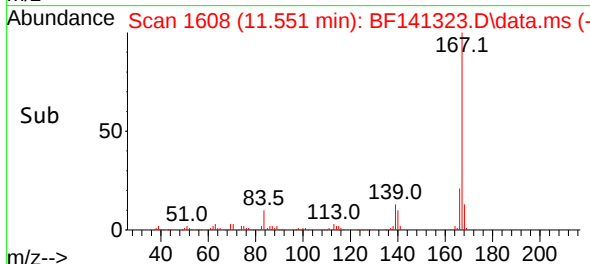
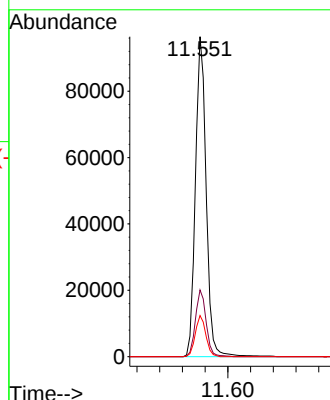
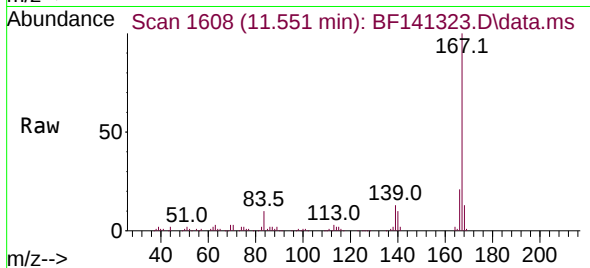
Tgt Ion:167 Resp: 127352

Ion	Ratio	Lower	Upper
167	100		
166	20.9	17.0	25.6
139	12.9	10.6	16.0

Manual Integrations

APPROVED

Reviewed By :Jagrut Upadhyay 02/03/2025
Supervised By :mohammad ahmed 02/04/2025



#74

Di-n-butylphthalate

Concen: 4.861 ng

RT: 11.886 min Scan# 1665

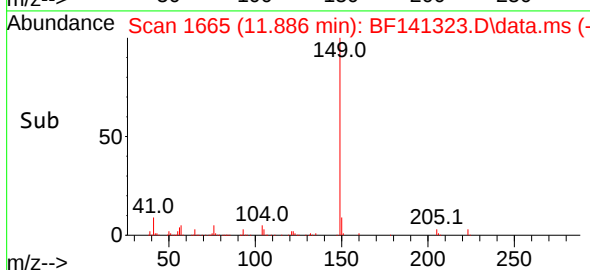
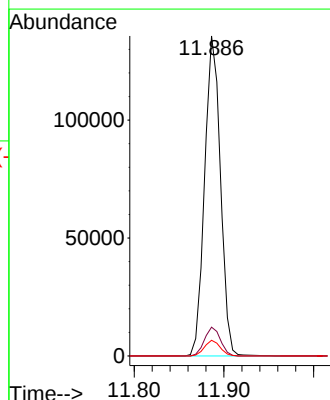
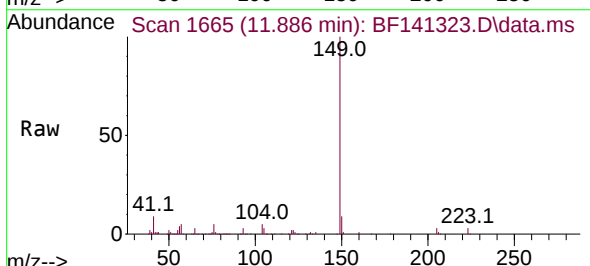
Delta R.T. -0.006 min

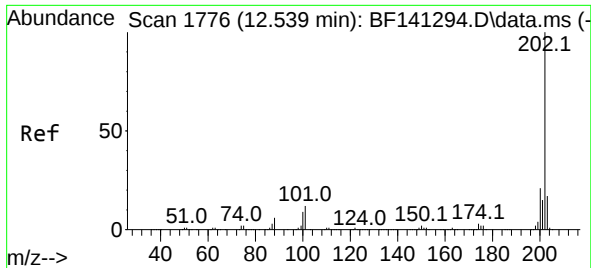
Lab File: BF141323.D

Acq: 31 Jan 2025 11:08

Tgt Ion:149 Resp: 166179

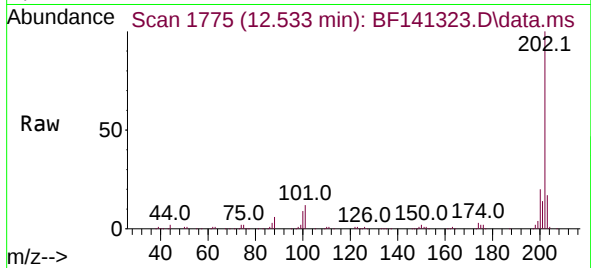
Ion	Ratio	Lower	Upper
149	100		
150	9.0	7.4	11.2
104	4.9	3.9	5.9





#75
Fluoranthene
Concen: 4.850 ng
RT: 12.533 min Scan# 1776
Delta R.T. -0.006 min
Lab File: BF141323.D
Acq: 31 Jan 2025 11:08

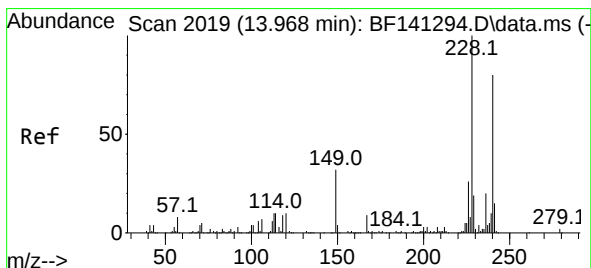
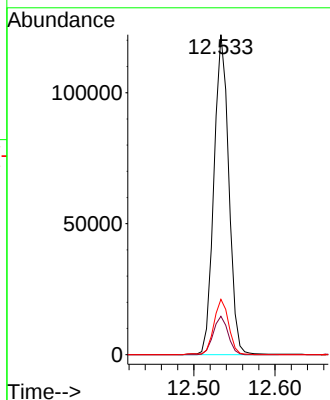
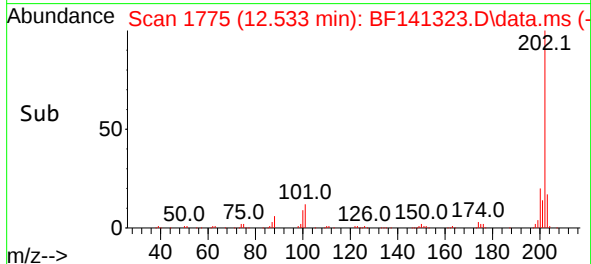
Instrument :
BNA_F
ClientSampleId :
MDL-WATER-03-QT1-2025



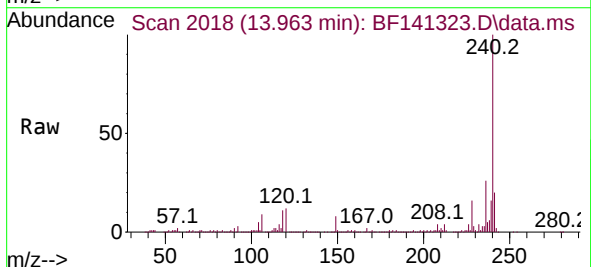
Tgt Ion:202 Resp: 155498
Ion Ratio Lower Upper
202 100
101 12.0 0.0 31.7
203 17.3 0.0 37.5

Manual Integrations
APPROVED

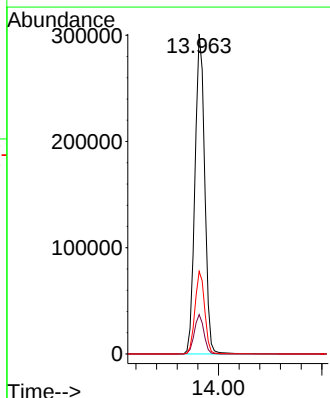
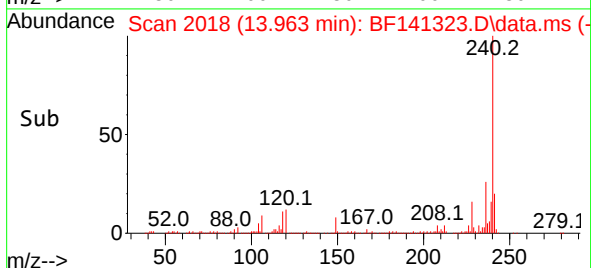
Reviewed By :Jagrut Upadhyay 02/03/2025
Supervised By :mohammad ahmed 02/04/2025

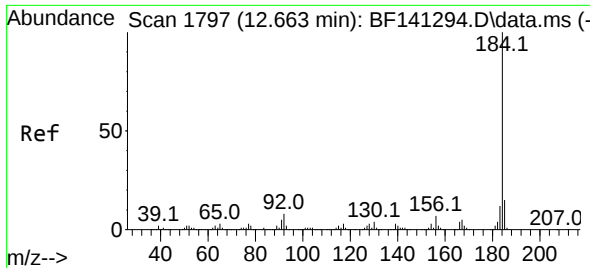


#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.963 min Scan# 2018
Delta R.T. -0.012 min
Lab File: BF141323.D
Acq: 31 Jan 2025 11:08



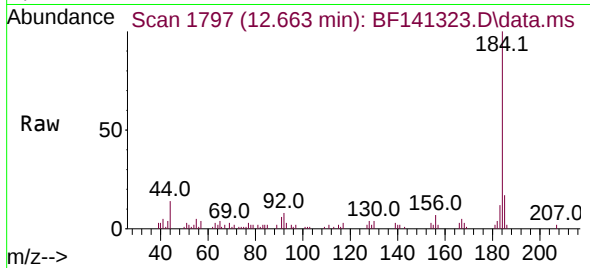
Tgt Ion:240 Resp: 394401
Ion Ratio Lower Upper
240 100
120 12.3 10.0 15.0
236 25.8 19.7 29.5





#77
Benzidine
Concen: 1.860 ng
RT: 12.663 min Scan# 1797
Delta R.T. -0.000 min
Lab File: BF141323.D
Acq: 31 Jan 2025 11:08

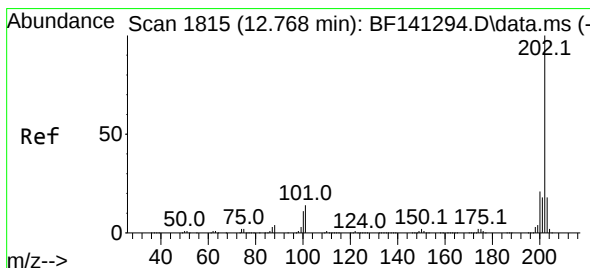
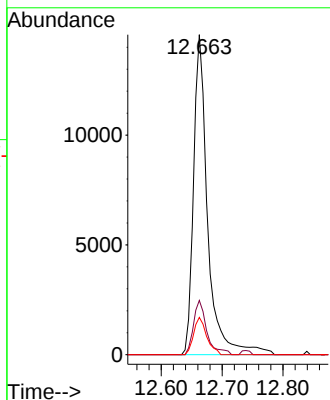
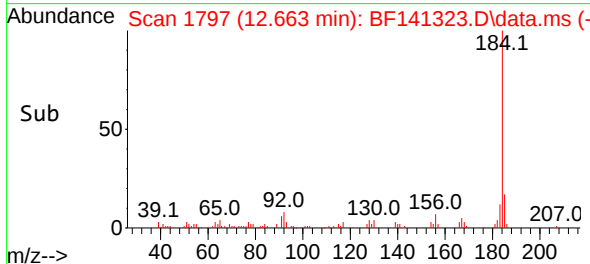
Instrument : BNA_F
ClientSampleId :
MDL-WATER-03-QT1-2025



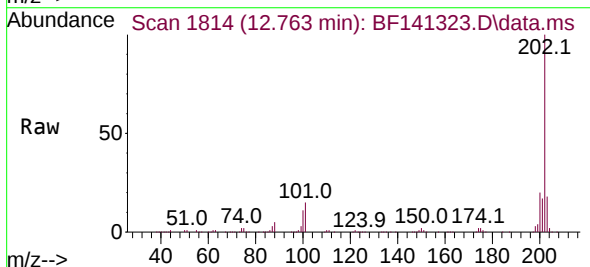
Tgt Ion:184 Resp: 23520
Ion Ratio Lower Upper
184 100
185 17.0 11.9 17.9
183 11.7 9.5 14.3

Manual Integrations
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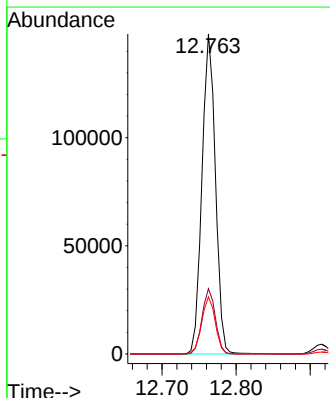
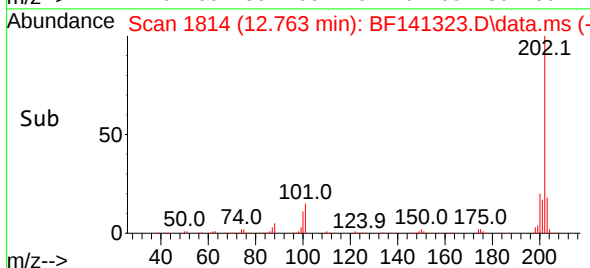
Reviewed By :Jagrut Upadhyay 02/03/2025
Supervised By :mohammad ahmed 02/04/2025



#78
Pyrene
Concen: 4.928 ng
RT: 12.763 min Scan# 1814
Delta R.T. -0.006 min
Lab File: BF141323.D
Acq: 31 Jan 2025 11:08



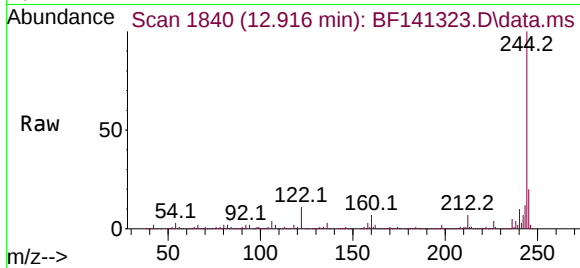
Tgt Ion:202 Resp: 186564
Ion Ratio Lower Upper
202 100
200 20.4 17.0 25.4
203 17.9 14.3 21.5





#79
 Terphenyl-d14
 Concen: 72.145 ng
 RT: 12.916 min Scan# 1840
 Delta R.T. -0.000 min
 Lab File: BF141323.D
 Acq: 31 Jan 2025 11:08

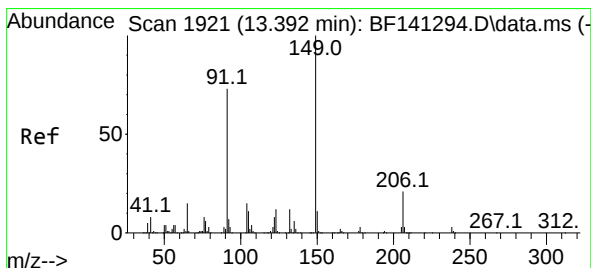
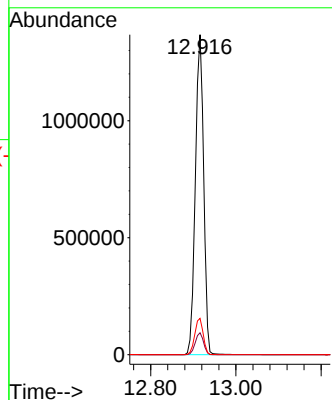
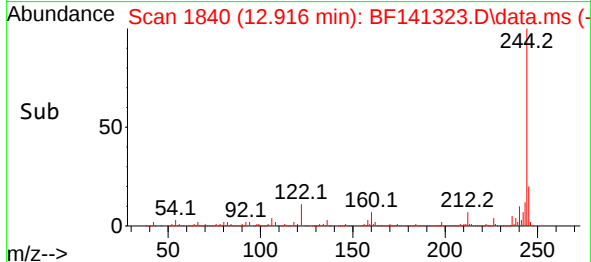
Instrument : BNA_F
 ClientSampleId :
 MDL-WATER-03-QT1-2025



Tgt Ion:244 Resp: 184504
 Ion Ratio Lower Upper
 244 100
 212 6.9 5.4 8.0
 122 11.3 8.8 13.2

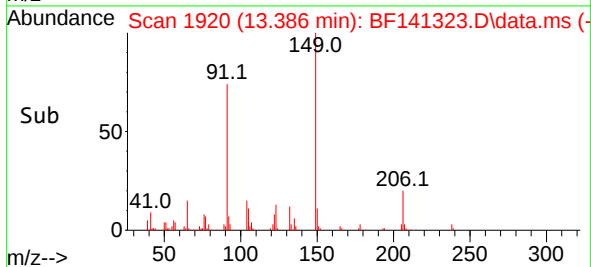
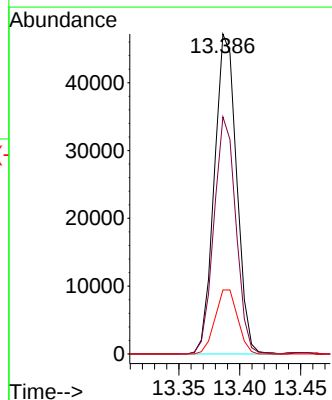
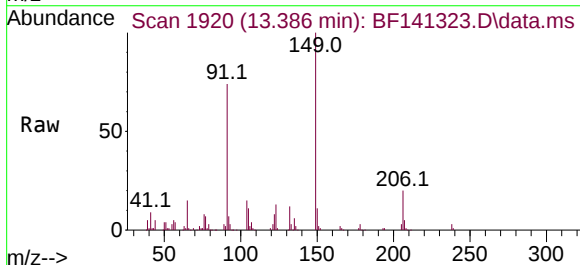
Manual Integrations
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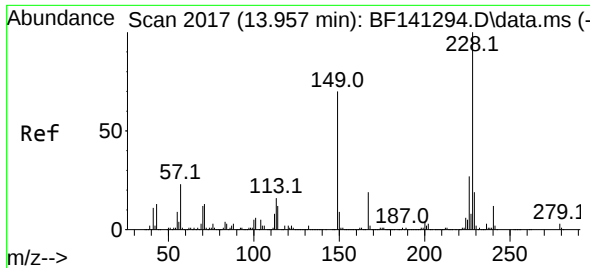
Reviewed By :Jagrut Upadhyay 02/03/2025
 Supervised By :mohammad ahmed 02/04/2025



#80
 Butylbenzylphthalate
 Concen: 4.540 ng
 RT: 13.386 min Scan# 1920
 Delta R.T. -0.006 min
 Lab File: BF141323.D
 Acq: 31 Jan 2025 11:08

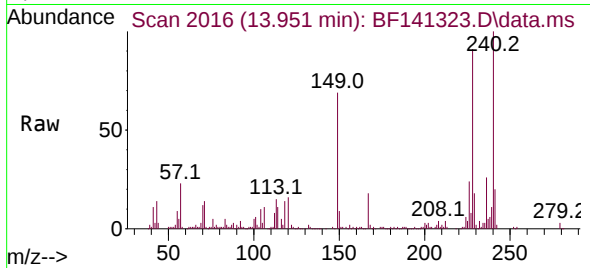
Tgt Ion:149 Resp: 60051
 Ion Ratio Lower Upper
 149 100
 91 74.1 58.6 87.8
 206 20.0 16.7 25.1





#81
Benzo(a)anthracene
Concen: 4.193 ng
RT: 13.951 min Scan# 2016
Delta R.T. -0.012 min
Lab File: BF141323.D
Acq: 31 Jan 2025 11:08

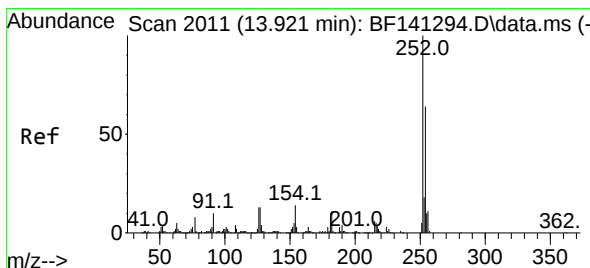
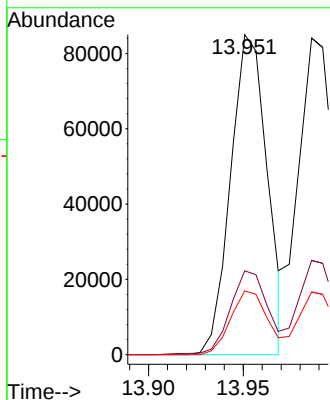
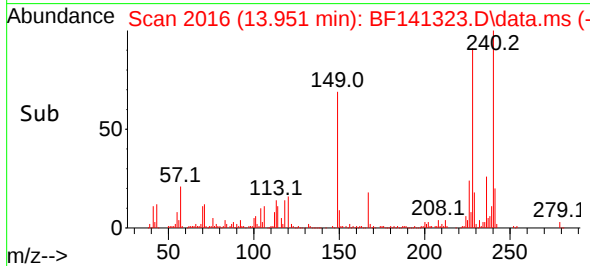
Instrument : BNA_F
ClientSampleId :
MDL-WATER-03-QT1-2025



Tgt Ion:228 Resp: 114108
Ion Ratio Lower Upper
228 100
226 26.2 21.4 32.2
229 20.0 15.5 23.3

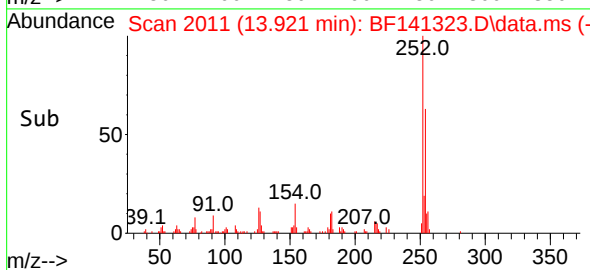
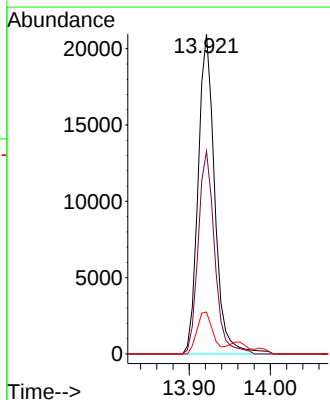
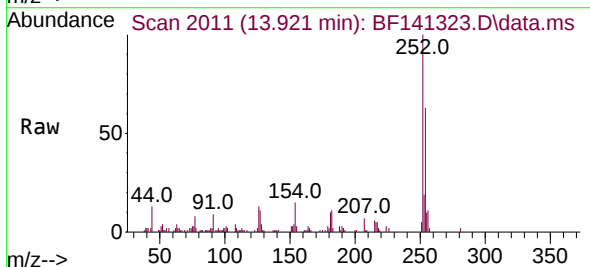
Manual Integrations
APPROVED

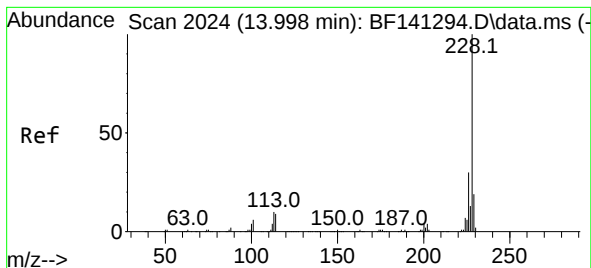
Reviewed By :Jagrut Upadhyay 02/03/2025
Supervised By :mohammad ahmed 02/04/2025



#82
3,3'-Dichlorobenzidine
Concen: 3.440 ng
RT: 13.921 min Scan# 2011
Delta R.T. -0.006 min
Lab File: BF141323.D
Acq: 31 Jan 2025 11:08

Tgt Ion:252 Resp: 29780
Ion Ratio Lower Upper
252 100
254 63.4 51.3 76.9
126 13.1 10.0 15.0





#83

Chrysene

Concen: 4.495 ng

RT: 13.986 min Scan# 2012

Delta R.T. -0.012 min

Lab File: BF141323.D

Acq: 31 Jan 2025 11:08

Instrument :

BNA_F

ClientSampleId :

MDL-WATER-03-QT1-2025

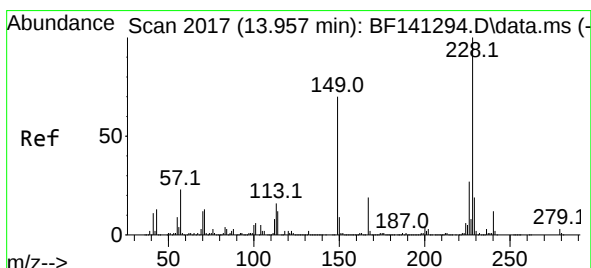
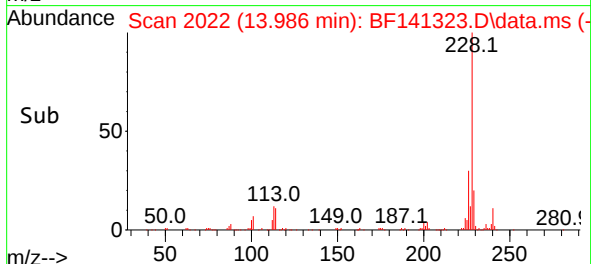
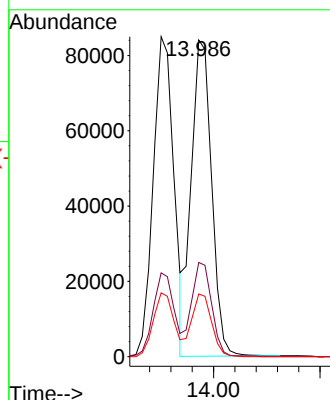
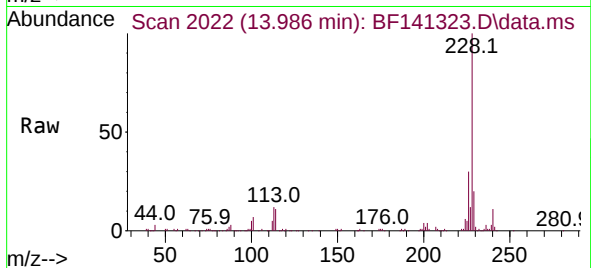
Tgt Ion:228 Resp: 11212

Ion	Ratio	Lower	Upper
228	100		
226	29.8	24.1	36.1
229	19.8	15.6	23.4

Manual Integrations

APPROVED

Reviewed By :Jagrut Upadhyay 02/03/2025
Supervised By :mohammad ahmed 02/04/2025



#84

Bis(2-ethylhexyl)phthalate

Concen: 4.811 ng

RT: 13.951 min Scan# 2016

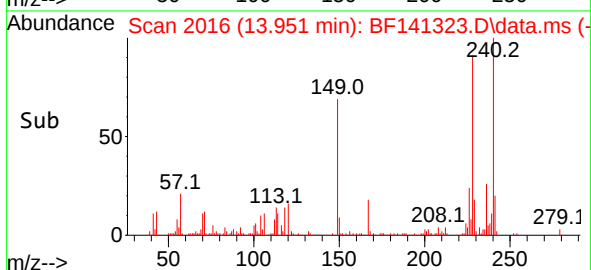
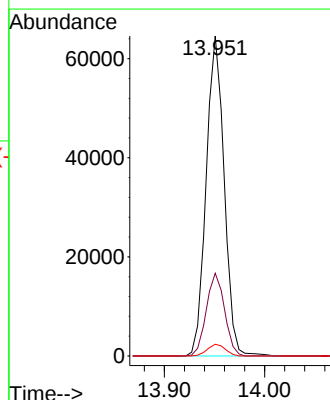
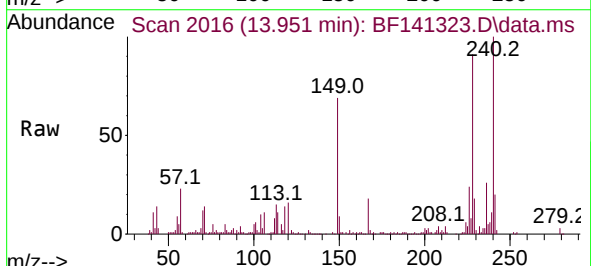
Delta R.T. -0.006 min

Lab File: BF141323.D

Acq: 31 Jan 2025 11:08

Tgt Ion:149 Resp: 80713

Ion	Ratio	Lower	Upper
149	100		
167	25.8	21.8	32.8
279	3.7	3.3	4.9





#85

Di-n-octyl phthalate

Concen: 4.295 ng

RT: 14.574 min Scan# 2124

Delta R.T. -0.012 min

Lab File: BF141323.D

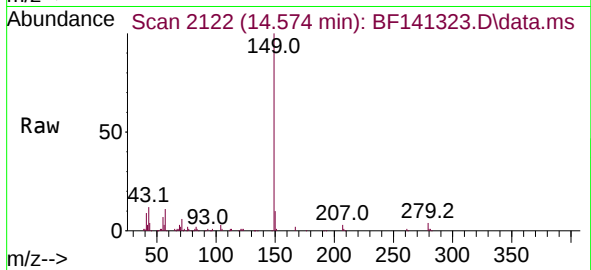
Acq: 31 Jan 2025 11:08

Instrument :

BNA_F

ClientSampleId :

MDL-WATER-03-QT1-2025



Tgt Ion:149 Resp: 111938

Ion Ratio Lower Upper

149 100

167 1.6 1.3 1.9

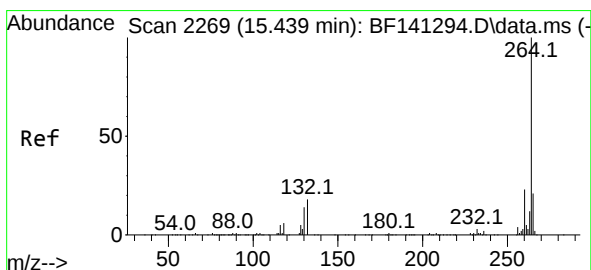
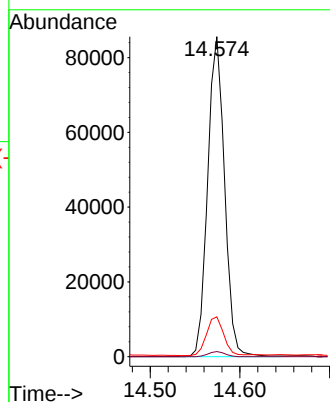
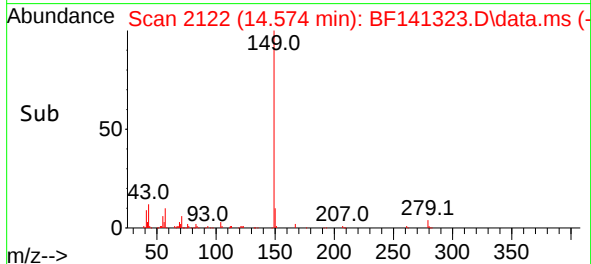
43 12.5 9.8 14.8

Manual Integrations

APPROVED

Reviewed By :Jagrut Upadhyay 02/03/2025

Supervised By :mohammad ahmed 02/04/2025



#86

Perylene-d12

Concen: 20.000 ng

RT: 15.427 min Scan# 2267

Delta R.T. -0.012 min

Lab File: BF141323.D

Acq: 31 Jan 2025 11:08

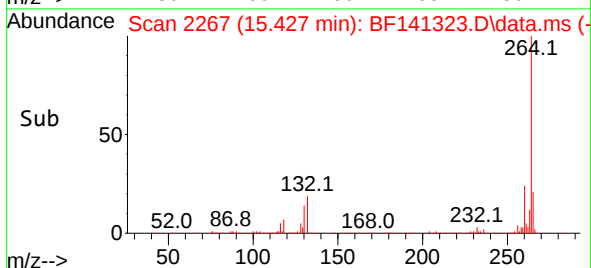
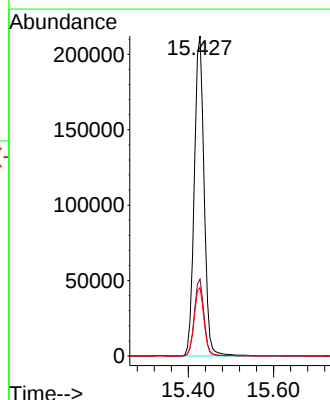
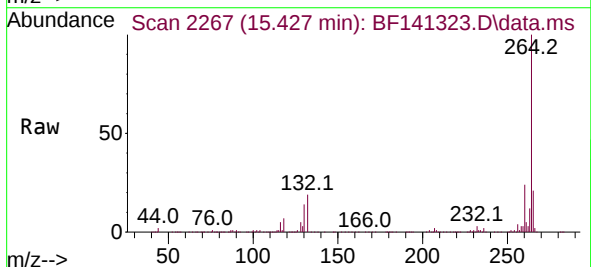
Tgt Ion:264 Resp: 339481

Ion Ratio Lower Upper

264 100

260 23.9 18.6 27.8

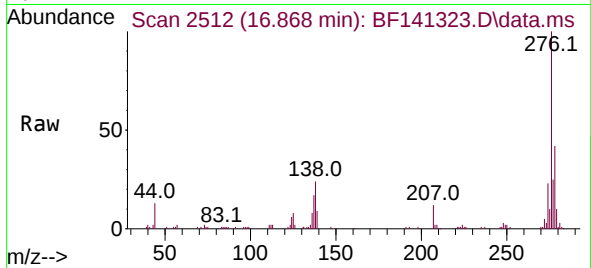
265 21.3 16.7 25.1





#87
Indeno(1,2,3-cd)pyrene
Concen: 3.847 ng
RT: 16.868 min Scan# 21195
Delta R.T. -0.030 min
Lab File: BF141323.D
Acq: 31 Jan 2025 11:08

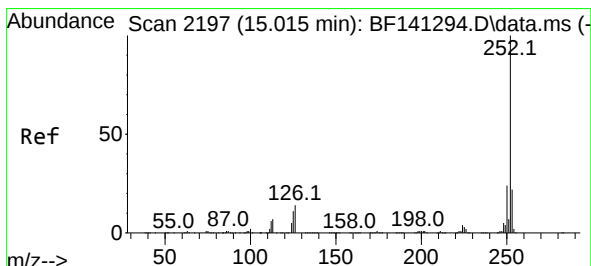
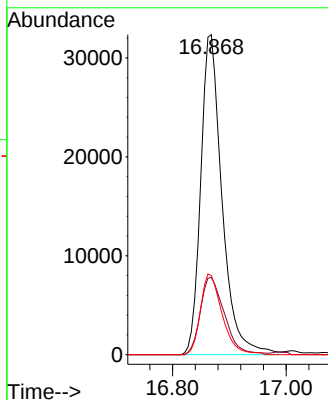
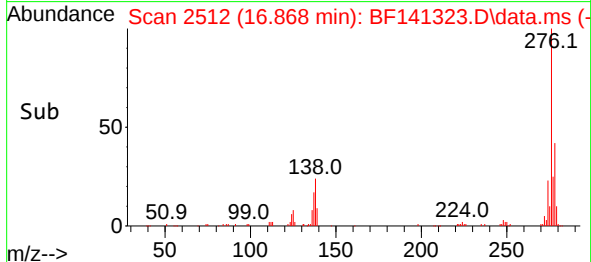
Instrument : BNA_F
ClientSampleId : MDL-WATER-03-QT1-2025



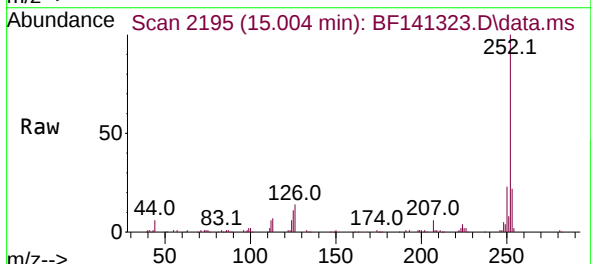
Tgt Ion: 276 Resp: 84295
Ion Ratio Lower Upper
276 100
138 27.2 21.7 32.5
277 25.6 20.3 30.5

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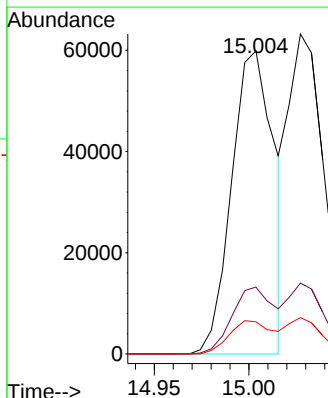
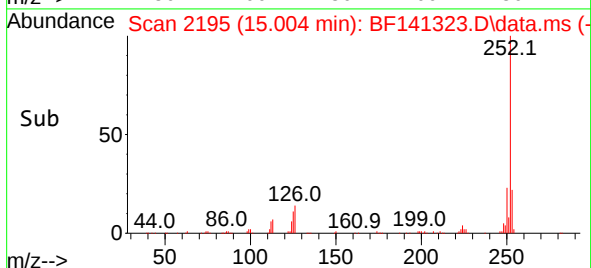
Reviewed By : Jagrut Upadhyay 02/03/2025
Supervised By : mohammad ahmed 02/04/2025



#88
Benzo(b)fluoranthene
Concen: 4.354 ng
RT: 15.004 min Scan# 2195
Delta R.T. -0.018 min
Lab File: BF141323.D
Acq: 31 Jan 2025 11:08



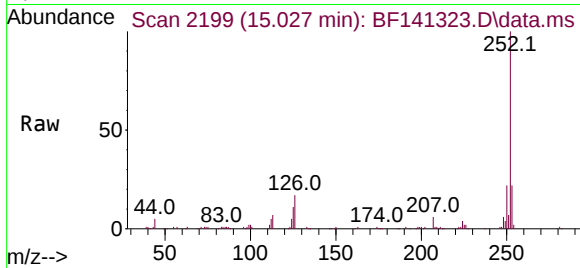
Tgt Ion: 252 Resp: 92973
Ion Ratio Lower Upper
252 100
253 22.1 17.4 26.2
125 10.6 8.6 12.8





#89
Benzo(k)fluoranthene
Concen: 4.576 ng
RT: 15.027 min Scan# 2199
Delta R.T. -0.024 min
Lab File: BF141323.D
Acq: 31 Jan 2025 11:08

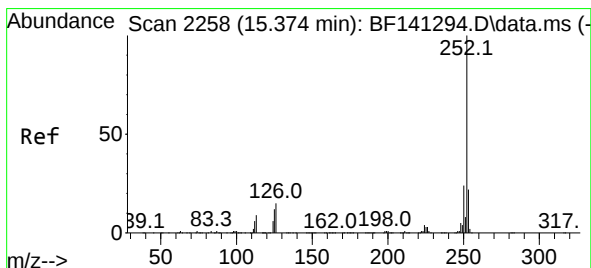
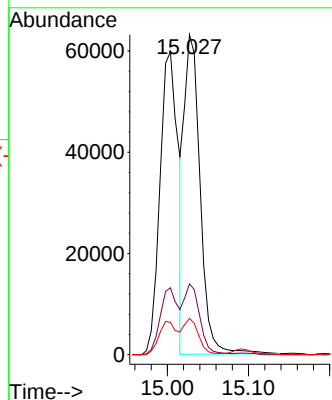
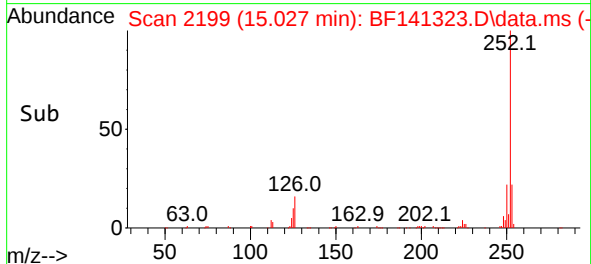
Instrument : BNA_F
ClientSampleId : MDL-WATER-03-QT1-2025



Tgt Ion:252 Resp: 8656
Ion Ratio Lower Upper
252 100
253 22.1 17.6 26.4
125 11.4 8.4 12.6

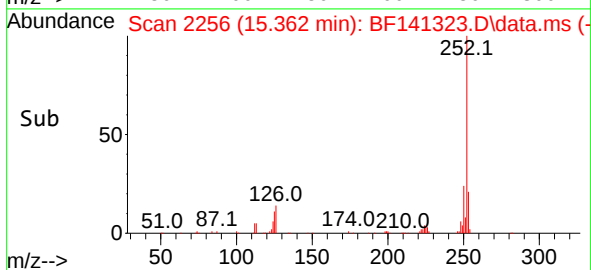
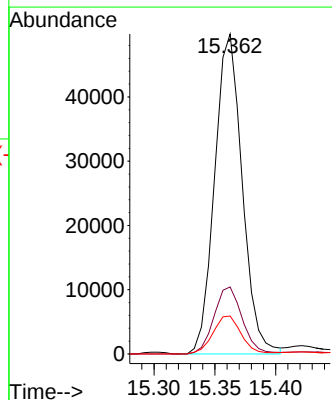
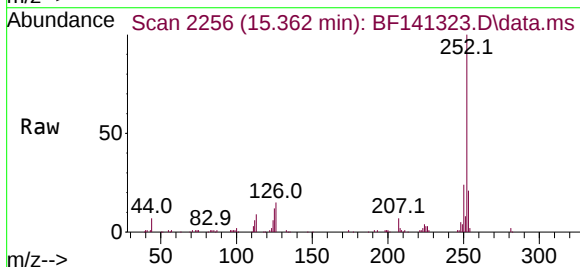
Manual Integrations
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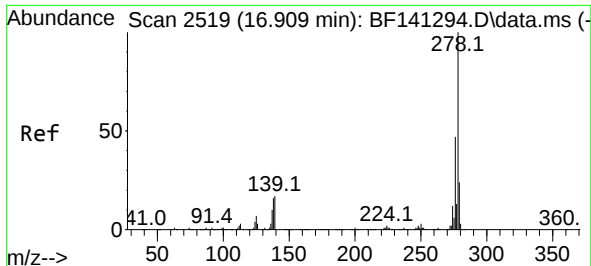
Reviewed By :Jagrut Upadhyay 02/03/2025
Supervised By :mohammad ahmed 02/04/2025



#90
Benzo(a)pyrene
Concen: 4.351 ng
RT: 15.362 min Scan# 2256
Delta R.T. -0.018 min
Lab File: BF141323.D
Acq: 31 Jan 2025 11:08

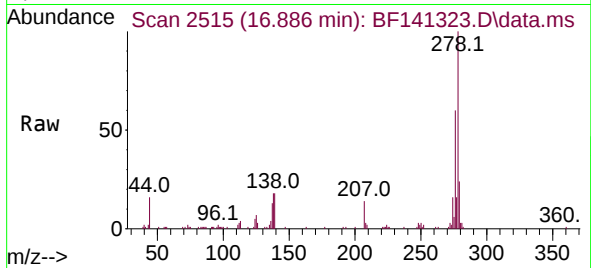
Tgt Ion:252 Resp: 78515
Ion Ratio Lower Upper
252 100
253 21.0 17.2 25.8
125 11.8 9.4 14.2





#91
Dibenzo(a,h)anthracene
Concen: 3.759 ng
RT: 16.886 min Scan# 2515
Delta R.T. -0.035 min
Lab File: BF141323.D
Acq: 31 Jan 2025 11:08

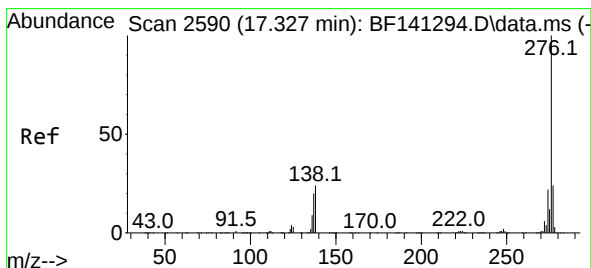
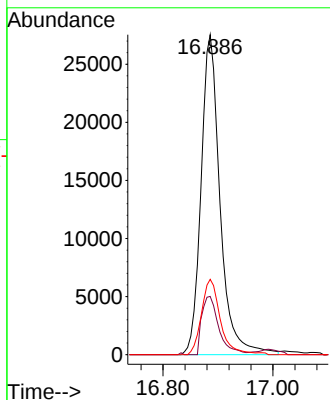
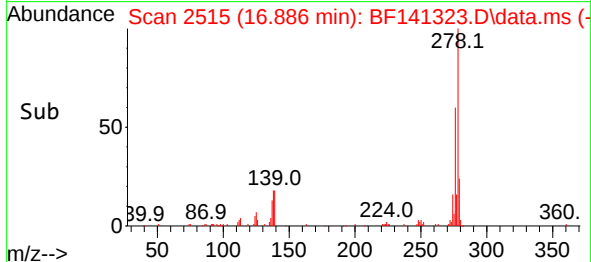
Instrument : BNA_F
ClientSampleId : MDL-WATER-03-QT1-2025



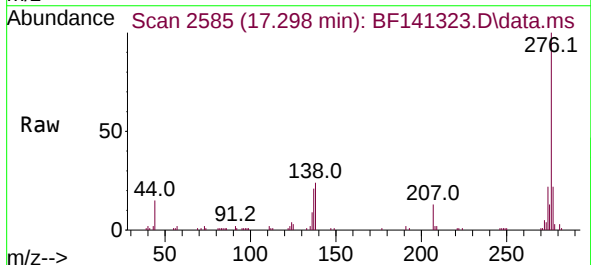
Tgt Ion: 278 Resp: 6627
Ion Ratio Lower Upper
278 100
139 18.2 13.9 20.9
279 23.5 18.8 28.2

Manual Integrations
APPROVED

Reviewed By : Jagrut Upadhyay 02/03/2025
Supervised By : mohammad ahmed 02/04/2025



#92
Benzo(g,h,i)perylene
Concen: 3.714 ng
RT: 17.298 min Scan# 2585
Delta R.T. -0.047 min
Lab File: BF141323.D
Acq: 31 Jan 2025 11:08



Tgt Ion: 276 Resp: 68083
Ion Ratio Lower Upper
276 100
277 21.8 19.2 28.8
138 24.0 19.0 28.4

