

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF013125\
 Data File : BF141324.D
 Acq On : 31 Jan 2025 11:35
 Operator : RC/JU
 Sample : Q1168-09
 Misc : MDL-MDL-WATER 8PPM
 ALS Vial : 7 Sample Multiplier: 1

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

Quant Time: Jan 31 12:01:29 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	178410	20.000	ng	0.00
21) Naphthalene-d8	8.081	136	721814	20.000	ng	0.00
39) Acenaphthene-d10	9.834	164	390598	20.000	ng	0.00
64) Phenanthrene-d10	11.322	188	668753	20.000	ng	0.00
76) Chrysene-d12	13.963	240	413173	20.000	ng	-0.01
86) Perylene-d12	15.427	264	355054	20.000	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.404	112	1211815	104.276	ng	0.00
7) Phenol-d6	6.434	99	1681698	113.753	ng	0.00
23) Nitrobenzene-d5	7.363	82	1137533	83.078	ng	0.00
42) 2,4,6-Tribromophenol	10.628	330	429459	119.931	ng	0.00
45) 2-Fluorobiphenyl	9.157	172	1921458	75.717	ng	0.00
79) Terphenyl-d14	12.916	244	2033058	75.885	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	2.487	88	40355	7.896	ng	98
3) Pyridine	3.252	79	94264	7.655	ng	96
4) n-Nitrosodimethylamine	3.152	42	58785	8.356	ng	# 97
6) Aniline	6.463	93	144547	11.551	ng	99
8) 2-Chlorophenol	6.587	128	109065	8.756	ng	98
9) Benzaldehyde	6.351	77	91342	10.667	ng	98
10) Phenol	6.446	94	140043	8.936	ng	84
11) bis(2-Chloroethyl)ether	6.540	93	109117	9.081	ng	99
12) 1,3-Dichlorobenzene	6.740	146	112497	8.191	ng	98
13) 1,4-Dichlorobenzene	6.816	146	116124	8.417	ng	98
14) 1,2-Dichlorobenzene	6.969	146	107255	8.302	ng	97
15) Benzyl Alcohol	6.934	79	109677	10.856	ng	99
16) 2,2'-oxybis(1-Chloropr...	7.069	45	199113	9.529	ng	99
17) 2-Methylphenol	7.045	107	87362	8.630	ng	99
18) Hexachloroethane	7.310	117	41626	8.178	ng	99
19) n-Nitroso-di-n-propyla...	7.210	70	82767	9.422	ng	99
20) 3+4-Methylphenols	7.204	107	114487	9.211	ng	# 81
22) Acetophenone	7.204	105	167408	9.757	ng	98
24) Nitrobenzene	7.381	77	121465	8.560	ng	99
25) Isophorone	7.616	82	220764	9.327	ng	99
26) 2-Nitrophenol	7.692	139	58049	8.674	ng	98
27) 2,4-Dimethylphenol	7.728	122	51350m	6.029	ng	
28) bis(2-Chloroethoxy)met...	7.828	93	136926	9.070	ng	99
29) 2,4-Dichlorophenol	7.934	162	93192	8.937	ng	98
30) 1,2,4-Trichlorobenzene	8.022	180	103979	8.731	ng	99
31) Naphthalene	8.104	128	341895	8.966	ng	99
32) Benzoic acid	7.804	122	53628m	6.849	ng	
33) 4-Chloroaniline	8.151	127	130388	10.084	ng	99
34) Hexachlorobutadiene	8.222	225	57552	8.241	ng	99
35) Caprolactam	8.487	113	29426	8.641	ng	97
36) 4-Chloro-3-methylphenol	8.628	107	104095	9.306	ng	100
37) 2-Methylnaphthalene	8.792	142	223763	9.233	ng	98
38) 1-Methylnaphthalene	8.892	142	207161	8.702	ng	98
40) 1,2,4,5-Tetrachloroben...	8.957	216	103346	9.300	ng	99
41) Hexachlorocyclopentadiene	8.945	237	19997	6.093	ng	98
43) 2,4,6-Trichlorophenol	9.069	196	63646	8.751	ng	98

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF013125\
 Data File : BF141324.D
 Acq On : 31 Jan 2025 11:35
 Operator : RC/JU
 Sample : Q1168-09
 Misc : MDL-MDL-WATER 8PPM
 ALS Vial : 7 Sample Multiplier: 1

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

Quant Time: Jan 31 12:01:29 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)
44) 2,4,5-Trichlorophenol	9.110	196	67002	8.464	ng	98
46) 1,1'-Biphenyl	9.257	154	293630	9.639	ng	99
47) 2-Chloronaphthalene	9.281	162	209547	8.825	ng	97
48) 2-Nitroaniline	9.375	65	66600	8.918	ng	98
49) Acenaphthylene	9.692	152	326842	9.834	ng	100
50) Dimethylphthalate	9.551	163	244791	9.279	ng	100
51) 2,6-Dinitrotoluene	9.616	165	50146	8.187	ng	100
52) Acenaphthene	9.869	154	215946	9.095	ng	100
53) 3-Nitroaniline	9.781	138	53898	8.978	ng	98
54) 2,4-Dinitrophenol	9.892	184	18021	6.329	ng	94
55) Dibenzofuran	10.039	168	295157	9.287	ng	99
56) 4-Nitrophenol	9.939	139	37455	8.531	ng	96
57) 2,4-Dinitrotoluene	10.016	165	72513	9.143	ng	98
58) Fluorene	10.381	166	231042	9.372	ng	99
59) 2,3,4,6-Tetrachlorophenol	10.157	232	57154	9.177	ng	99
60) Diethylphthalate	10.257	149	235155	9.193	ng	99
61) 4-Chlorophenyl-phenyle...	10.375	204	111835	9.287	ng	99
62) 4-Nitroaniline	10.392	138	47624	8.069	ng	99
63) Azobenzene	10.539	77	238981	9.334	ng	98
65) 4,6-Dinitro-2-methylph...	10.428	198	32552	8.229	ng	99
66) n-Nitrosodiphenylamine	10.492	169	200841	9.285	ng	99
67) 4-Bromophenyl-phenylether	10.869	248	66746	8.915	ng	97
68) Hexachlorobenzene	10.928	284	70013	8.816	ng	97
69) Atrazine	11.022	200	66081	9.137	ng	96
70) Pentachlorophenol	11.128	266	38462	8.270	ng	99
71) Phenanthrene	11.345	178	346750	9.646	ng	99
72) Anthracene	11.398	178	329348	9.350	ng	100
73) Carbazole	11.551	167	290574	9.303	ng	99
74) Di-n-butylphthalate	11.886	149	370662	9.793	ng	99
75) Fluoranthene	12.533	202	349208	9.838	ng	100
77) Benzidine	12.663	184	53784	4.060	ng	99
78) Pyrene	12.763	202	364782	9.198	ng	99
80) Butylbenzylphthalate	13.386	149	133192	9.613	ng	100
81) Benzo(a)anthracene	13.951	228	247879	8.694	ng	99
82) 3,3'-Dichlorobenzidine	13.916	252	74428	8.208	ng	99
83) Chrysene	13.992	228	250953	9.604	ng	99
84) Bis(2-ethylhexyl)phtha...	13.951	149	175735	9.998	ng	99
85) Di-n-octyl phthalate	14.574	149	251475	9.212	ng	99
87) Indeno(1,2,3-cd)pyrene	16.862	276	204934	8.943	ng	99
88) Benzo(b)fluoranthene	14.998	252	215961	9.670	ng	99
89) Benzo(k)fluoranthene	15.027	252	190434	9.625	ng	99
90) Benzo(a)pyrene	15.363	252	184762	9.790	ng	99
91) Dibenzo(a,h)anthracene	16.886	278	161975	8.785	ng	99
92) Benzo(g,h,i)perylene	17.298	276	161302	8.414	ng	99

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

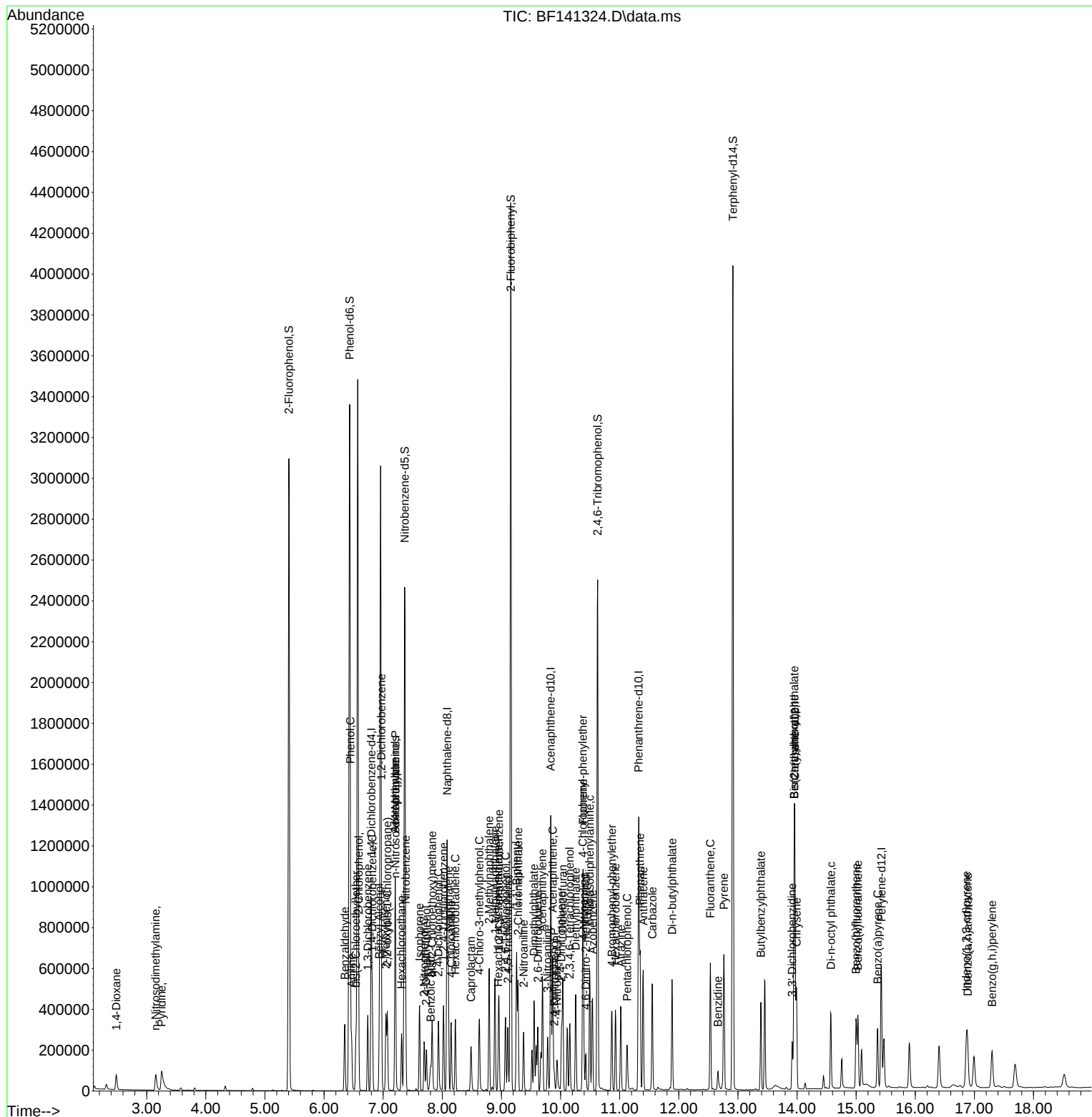
Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF013125\
 Data File : BF141324.D
 Acq On : 31 Jan 2025 11:35
 Operator : RC/JU
 Sample : Q1168-09
 Misc : MDL-MDL-WATER 8PPM
 ALS Vial : 7 Sample Multiplier: 1

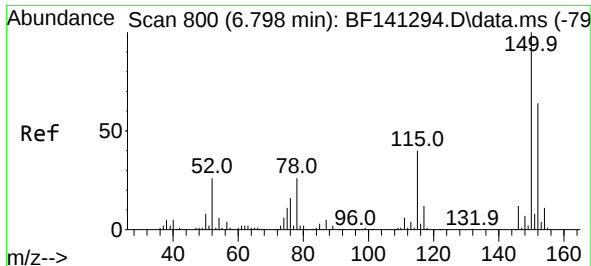
Instrument :
 BNA_F
 ClientSampleId :
 MDL-WATER-03-QT1-2025

Quant Time: Jan 31 12:01:29 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

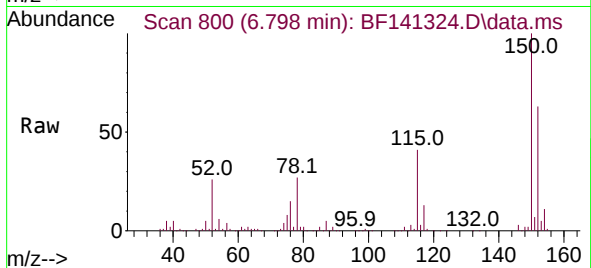
Reviewed By :Jagrut Upadhyay 02/03/2025
 Supervised By :mohammad ahmed 02/04/2025





#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.798 min Scan# 800
 Delta R.T. -0.006 min
 Lab File: BF141324.D
 Acq: 31 Jan 2025 11:35

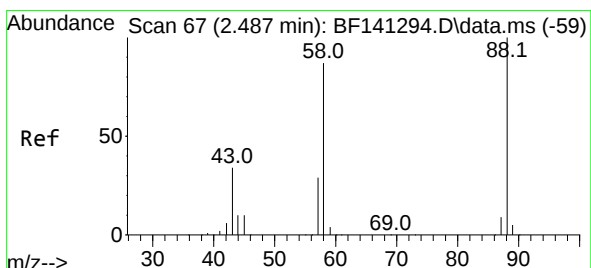
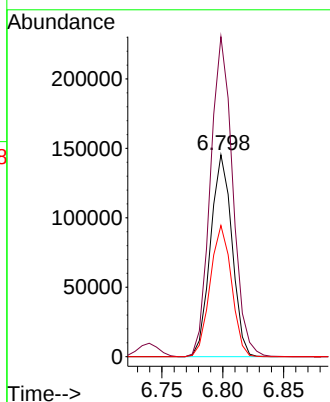
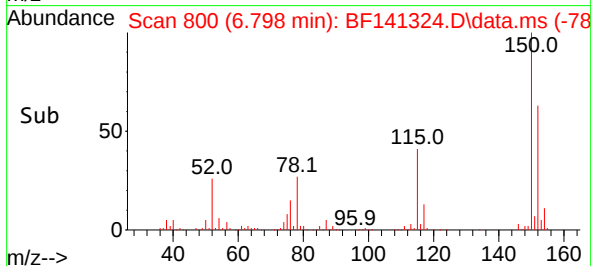
Instrument : BNA_F
 ClientSampleId : MDL-WATER-03-QT1-2025



Tgt Ion:152 Resp: 178410
 Ion Ratio Lower Upper
 152 100
 150 158.5 125.9 188.9
 115 65.0 49.7 74.5

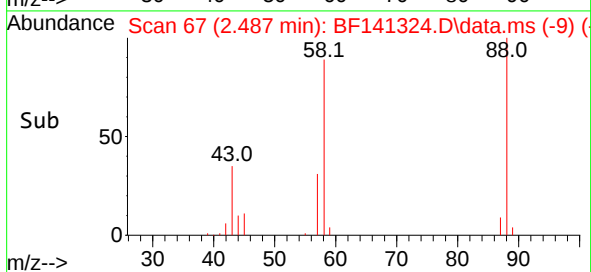
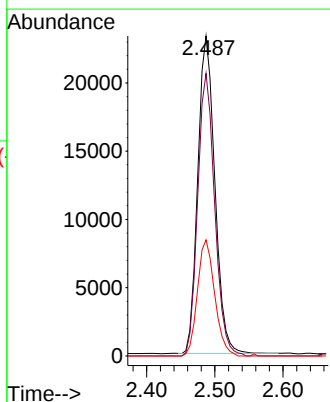
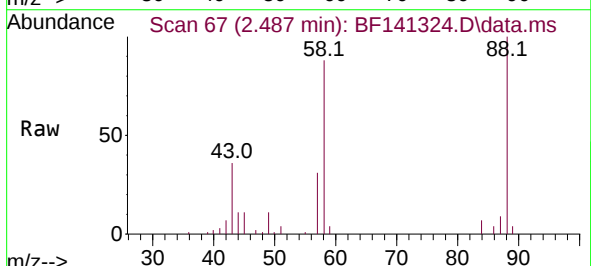
Manual Integrations
 APPROVED

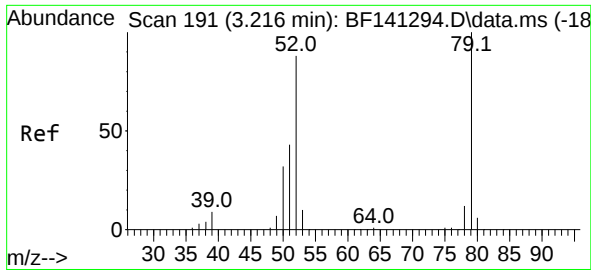
Reviewed By :Jagrut Upadhyay 02/03/2025
 Supervised By :mohammad ahmed 02/04/2025



#2
 1,4-Dioxane
 Concen: 7.896 ng
 RT: 2.487 min Scan# 67
 Delta R.T. -0.006 min
 Lab File: BF141324.D
 Acq: 31 Jan 2025 11:35

Tgt Ion: 88 Resp: 40355
 Ion Ratio Lower Upper
 88 100
 58 88.8 70.2 105.4
 43 37.0 27.6 41.4





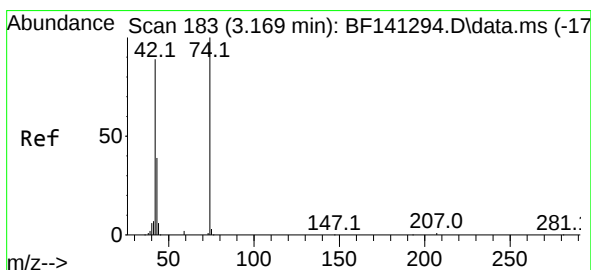
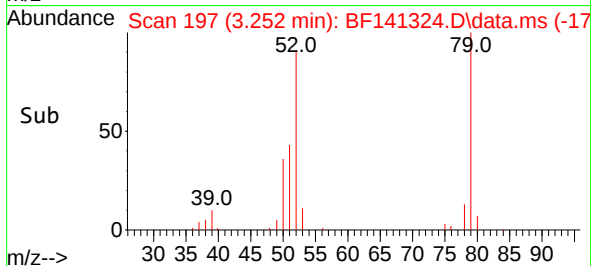
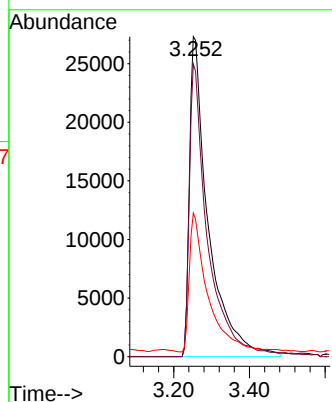
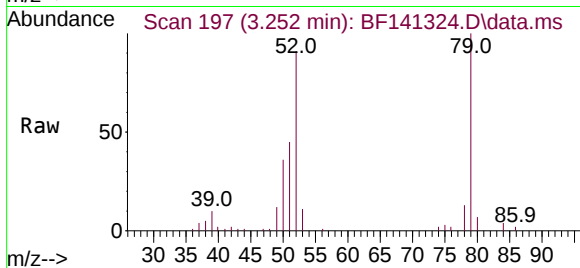
#3
Pyridine
Concen: 7.655 ng
RT: 3.252 min Scan# 180
Delta R.T. 0.023 min
Lab File: BF141324.D
Acq: 31 Jan 2025 11:35

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

Tgt Ion: 79 Resp: 94264
Ion Ratio Lower Upper
79 100
52 91.4 70.3 105.5
51 44.9 34.3 51.5

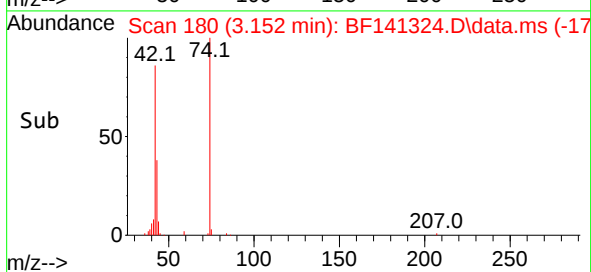
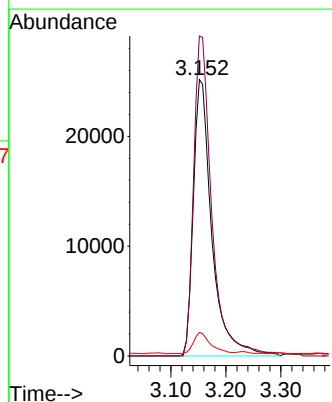
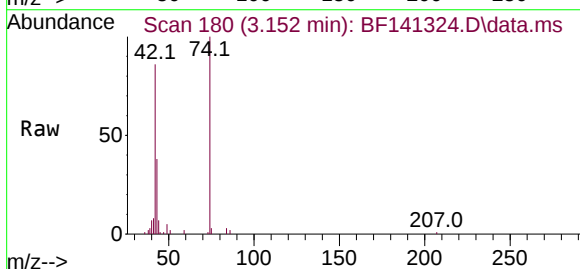
Manual Integrations
APPROVED

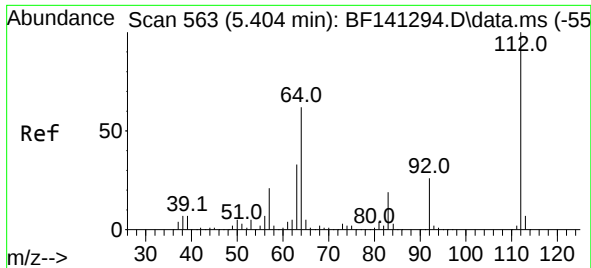
Reviewed By :Jagrut Upadhyay 02/03/2025
Supervised By :mohammad ahmed 02/04/2025



#4
n-Nitrosodimethylamine
Concen: 8.356 ng
RT: 3.152 min Scan# 180
Delta R.T. -0.047 min
Lab File: BF141324.D
Acq: 31 Jan 2025 11:35

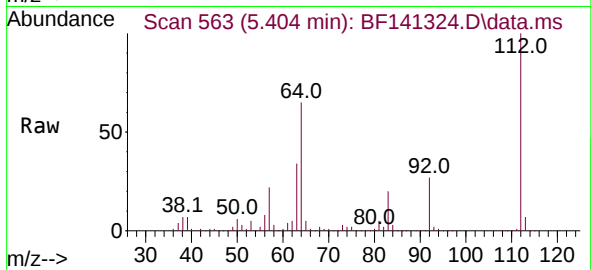
Tgt Ion: 42 Resp: 58785
Ion Ratio Lower Upper
42 100
74 115.8 90.3 135.5
44 8.5 5.7 8.5





#5
2-Fluorophenol
Concen: 104.276 ng
RT: 5.404 min Scan# 50
Delta R.T. -0.006 min
Lab File: BF141324.D
Acq: 31 Jan 2025 11:35

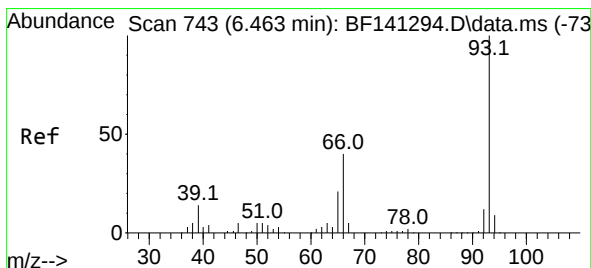
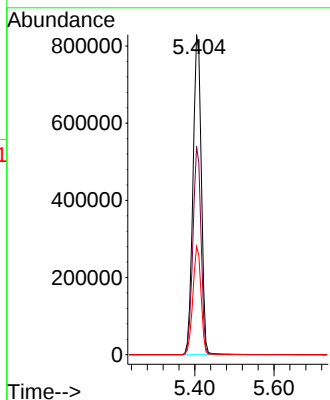
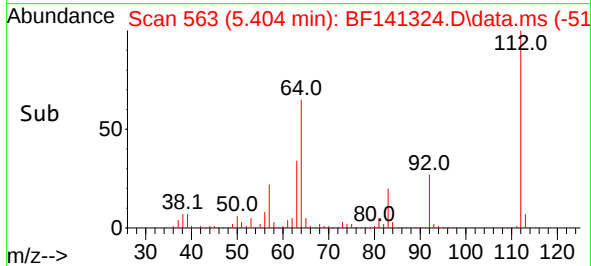
Instrument :
BNA_F
ClientSampleId :
MDL-WATER-03-QT1-2025



Tgt Ion:112 Resp: 121181
Ion Ratio Lower Upper
112 100
64 65.1 49.8 74.8
63 33.8 26.1 39.1

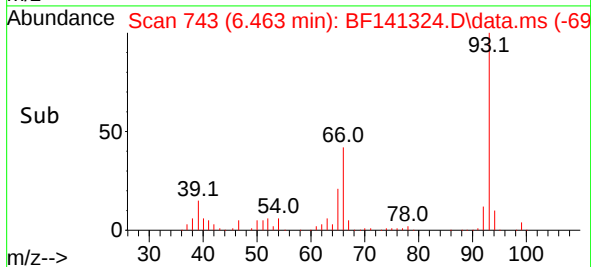
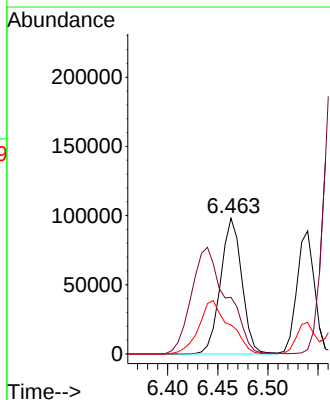
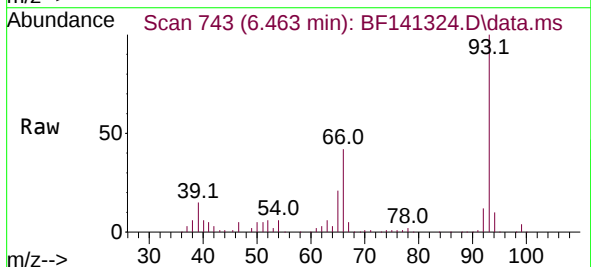
Manual Integrations
APPROVED

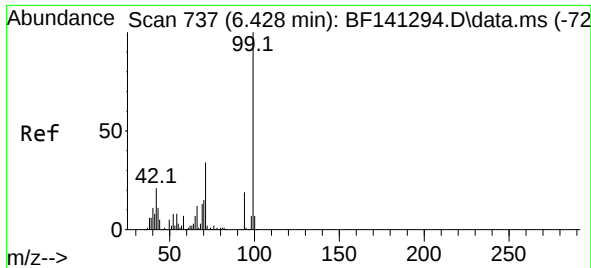
Reviewed By :Jagrut Upadhyay 02/03/2025
Supervised By :mohammad ahmed 02/04/2025



#6
Aniline
Concen: 11.551 ng
RT: 6.463 min Scan# 743
Delta R.T. -0.006 min
Lab File: BF141324.D
Acq: 31 Jan 2025 11:35

Tgt Ion: 93 Resp: 144547
Ion Ratio Lower Upper
93 100
66 41.7 32.5 48.7
65 21.5 17.0 25.6





#7

Phenol-d6

Concen: 113.753 ng

RT: 6.434 min Scan# 71

Delta R.T. -0.006 min

Lab File: BF141324.D

Acq: 31 Jan 2025 11:35

Instrument :

BNA_F

ClientSampleId :

MDL-WATER-03-QT1-2025

Tgt Ion: 99 Resp: 168169

Ion Ratio Lower Upper

99 100

42 20.8 17.1 25.7

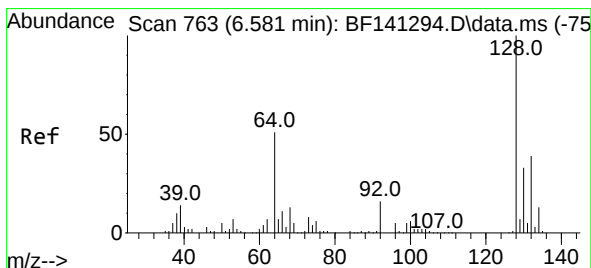
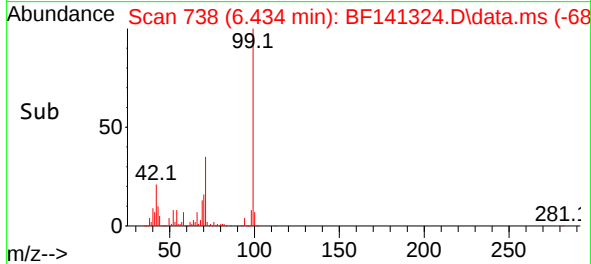
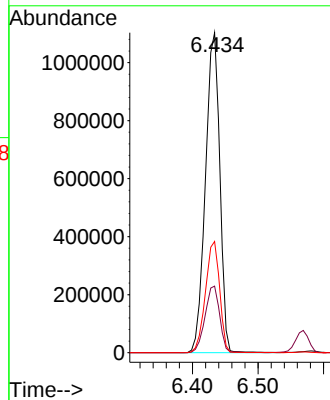
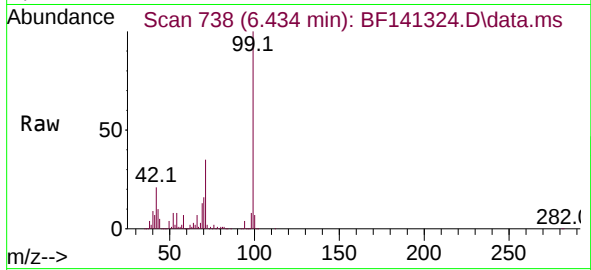
71 34.7 26.9 40.3

Manual Integrations

APPROVED

Reviewed By :Jagrut Upadhyay 02/03/2025

Supervised By :mohammad ahmed 02/04/2025



#8

2-Chlorophenol

Concen: 8.756 ng

RT: 6.587 min Scan# 764

Delta R.T. -0.006 min

Lab File: BF141324.D

Acq: 31 Jan 2025 11:35

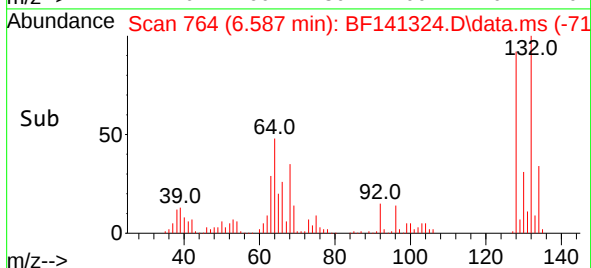
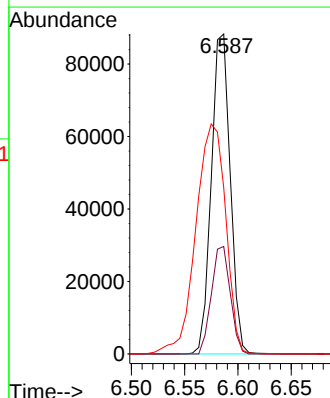
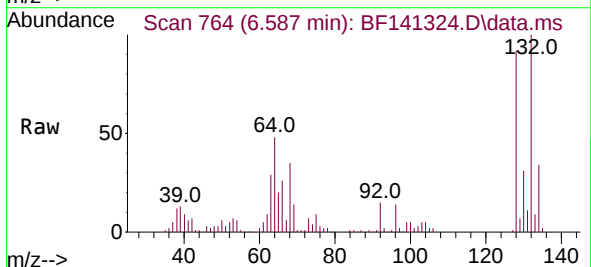
Tgt Ion:128 Resp: 109065

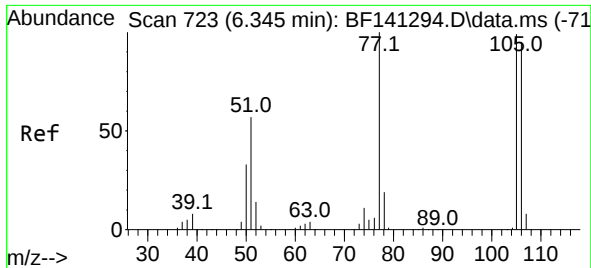
Ion Ratio Lower Upper

128 100

130 33.6 12.5 52.5

64 52.0 32.9 72.9





#9

Benzaldehyde

Concen: 10.667 ng

RT: 6.351 min Scan# 71

Delta R.T. -0.000 min

Lab File: BF141324.D

Acq: 31 Jan 2025 11:35

Instrument :

BNA_F

ClientSampleId :

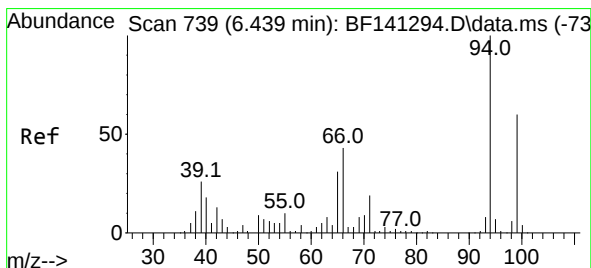
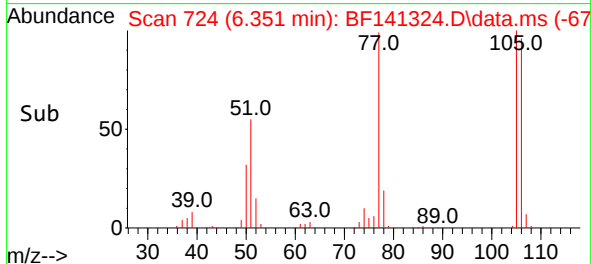
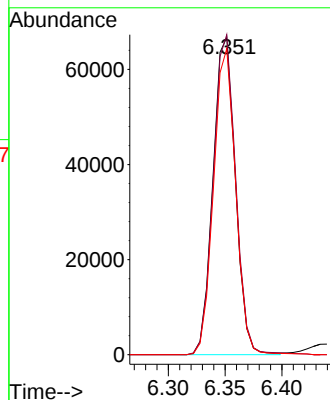
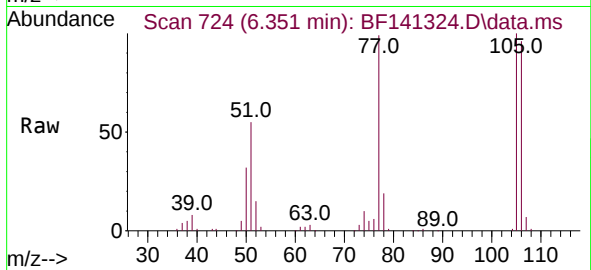
MDL-WATER-03-QT1-2025

Tgt Ion: 77	Resp: 9134
Ion Ratio	Lower Upper
77 100	
105 100.9	79.4 119.4
106 96.5	74.6 114.6

Manual Integrations

APPROVED

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



#10

Phenol

Concen: 8.936 ng

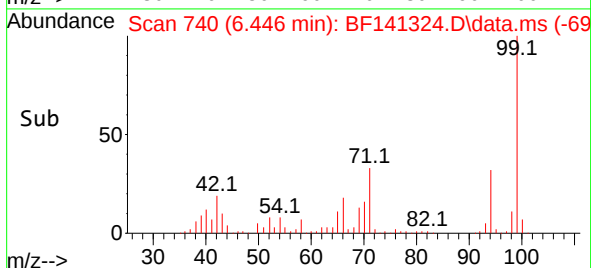
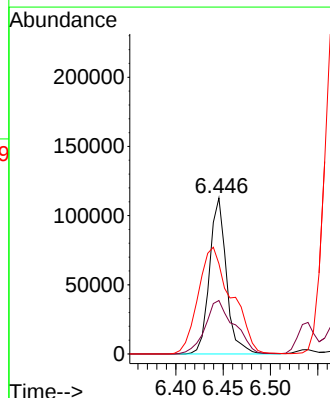
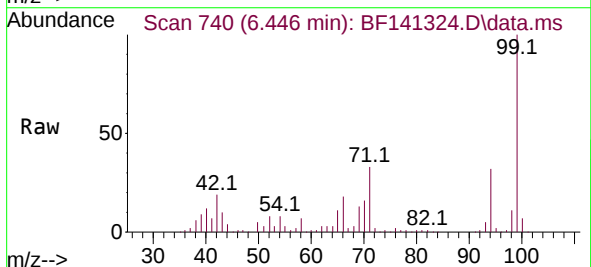
RT: 6.446 min Scan# 740

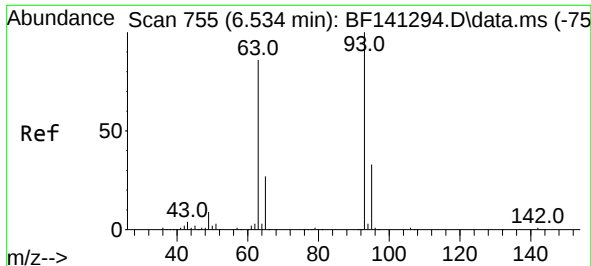
Delta R.T. -0.006 min

Lab File: BF141324.D

Acq: 31 Jan 2025 11:35

Tgt Ion: 94	Resp: 140043
Ion Ratio	Lower Upper
94 100	
65 34.3	10.8 50.8
66 57.8	23.3 63.3





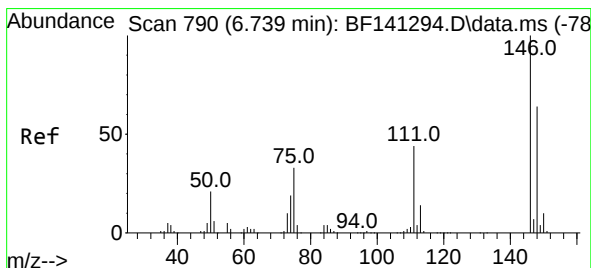
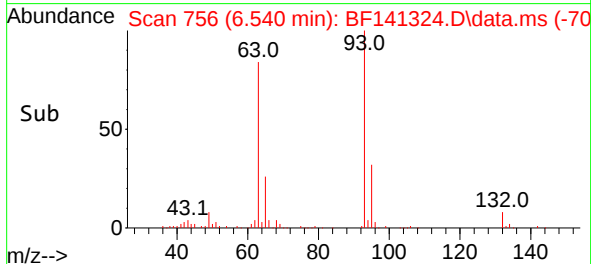
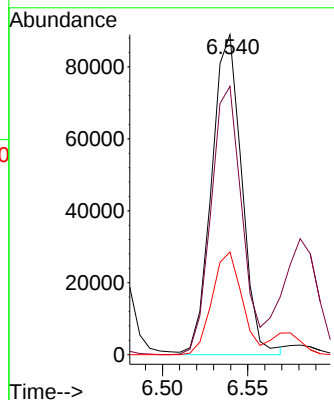
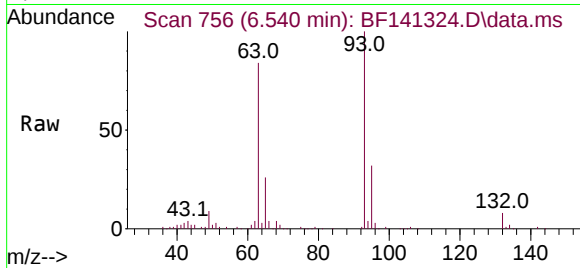
#11
bis(2-Chloroethyl)ether
Concen: 9.081 ng
RT: 6.540 min Scan# 755
Delta R.T. -0.006 min
Lab File: BF141324.D
Acq: 31 Jan 2025 11:35

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

Tgt Ion: 93 Resp: 10911
Ion Ratio Lower Upper
93 100
63 83.9 65.0 105.0
95 32.1 12.4 52.4

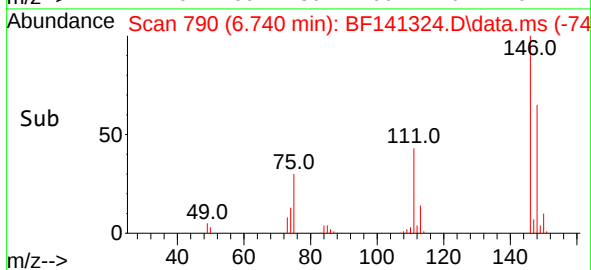
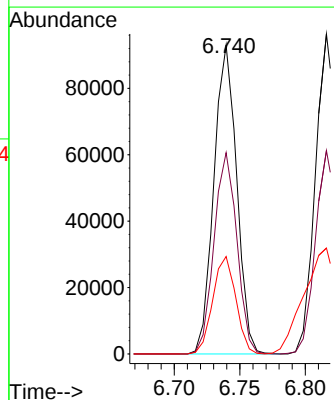
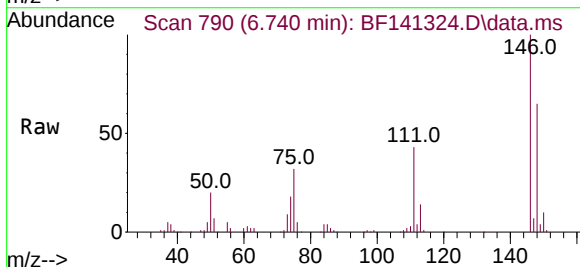
Manual Integrations
APPROVED

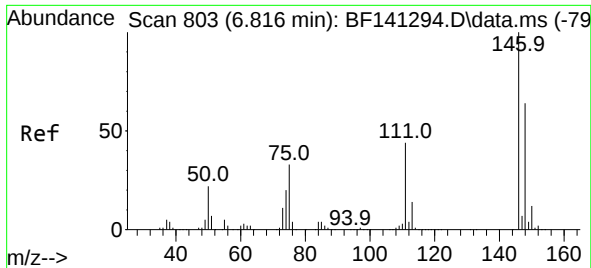
Reviewed By :Jagrut Upadhyay 02/03/2025
Supervised By :mohammad ahmed 02/04/2025



#12
1,3-Dichlorobenzene
Concen: 8.191 ng
RT: 6.740 min Scan# 790
Delta R.T. -0.006 min
Lab File: BF141324.D
Acq: 31 Jan 2025 11:35

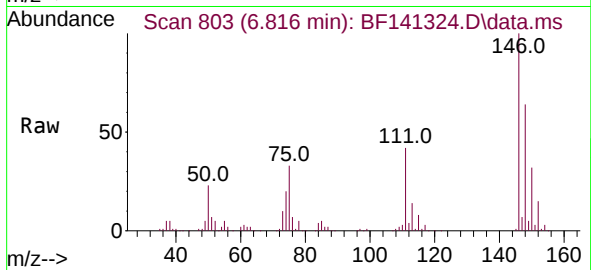
Tgt Ion:146 Resp: 112497
Ion Ratio Lower Upper
146 100
148 65.2 51.2 76.8
75 31.5 26.2 39.4





#13
1,4-Dichlorobenzene
Concen: 8.417 ng
RT: 6.816 min Scan# 803
Delta R.T. -0.006 min
Lab File: BF141324.D
Acq: 31 Jan 2025 11:35

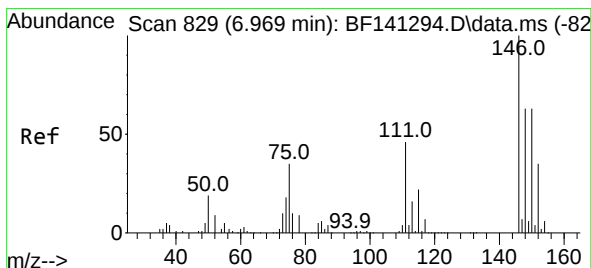
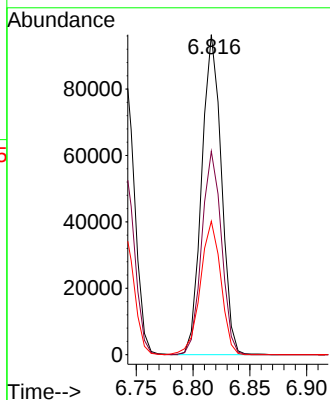
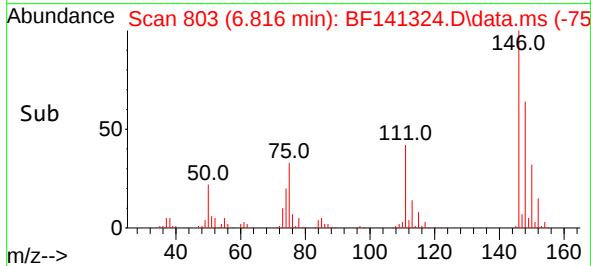
Instrument : BNA_F
ClientSampleId : MDL-WATER-03-QT1-2025



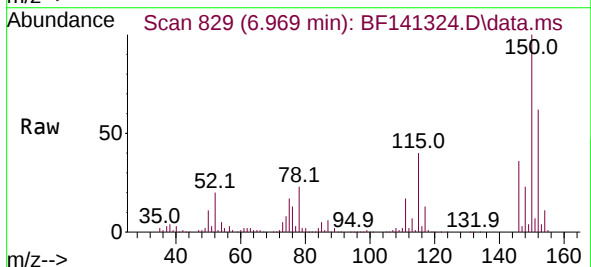
Tgt Ion:146 Resp: 116124
Ion Ratio Lower Upper
146 100
148 63.6 51.2 76.8
111 41.7 35.0 52.4

Manual Integrations
APPROVED

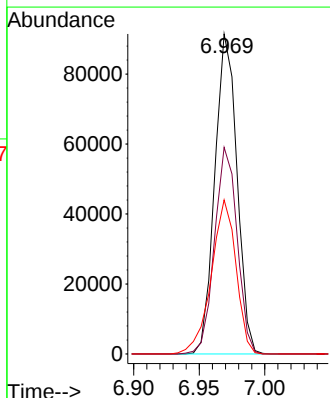
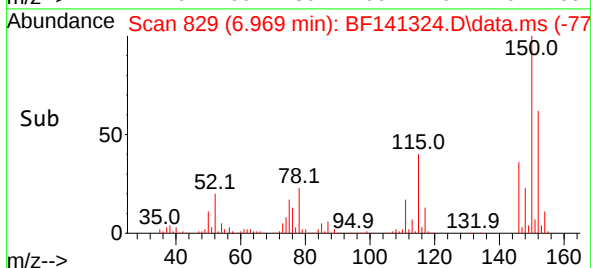
Reviewed By :Jagrut Upadhyay 02/03/2025
Supervised By :mohammad ahmed 02/04/2025

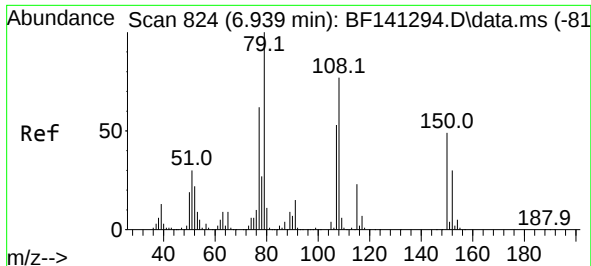


#14
1,2-Dichlorobenzene
Concen: 8.302 ng
RT: 6.969 min Scan# 829
Delta R.T. -0.006 min
Lab File: BF141324.D
Acq: 31 Jan 2025 11:35



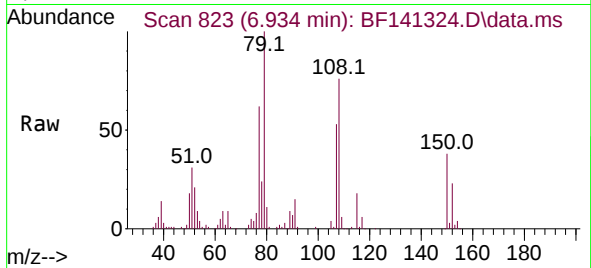
Tgt Ion:146 Resp: 107255
Ion Ratio Lower Upper
146 100
148 64.6 50.5 75.7
111 48.2 36.6 55.0





#15
Benzyl Alcohol
Concen: 10.856 ng
RT: 6.934 min Scan# 81
Delta R.T. -0.012 min
Lab File: BF141324.D
Acq: 31 Jan 2025 11:35

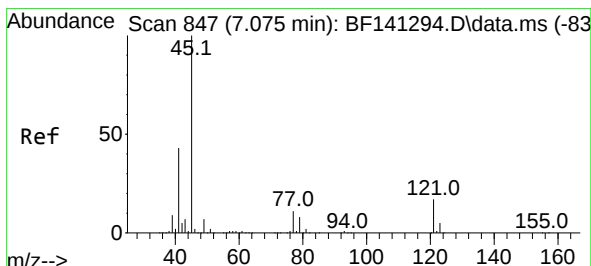
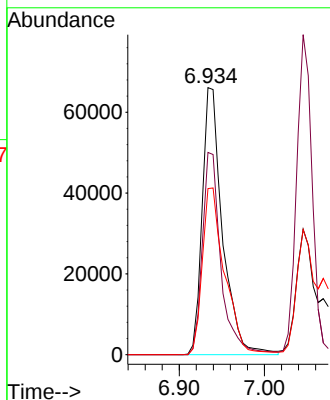
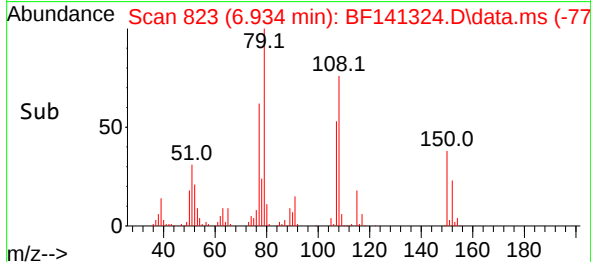
Instrument :
BNA_F
ClientSampleId :
MDL-WATER-03-QT1-2025



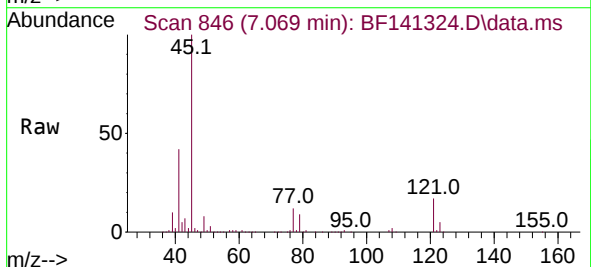
Tgt Ion: 79 Resp: 10967
Ion Ratio Lower Upper
79 100
108 75.7 61.4 92.0
77 62.2 49.9 74.9

Manual Integrations
APPROVED

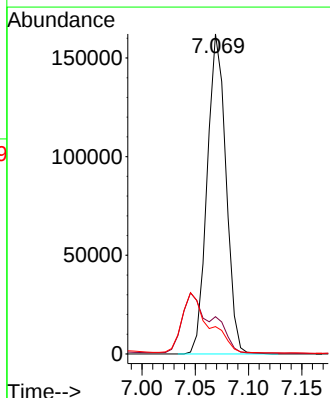
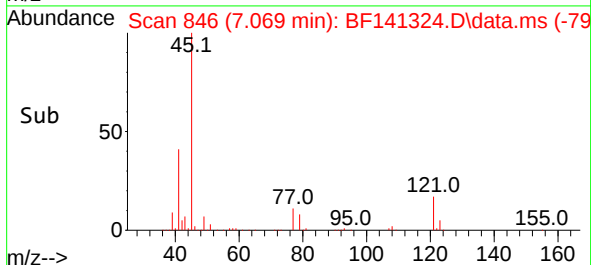
Reviewed By :Jagrut Upadhyay 02/03/2025
Supervised By :mohammad ahmed 02/04/2025

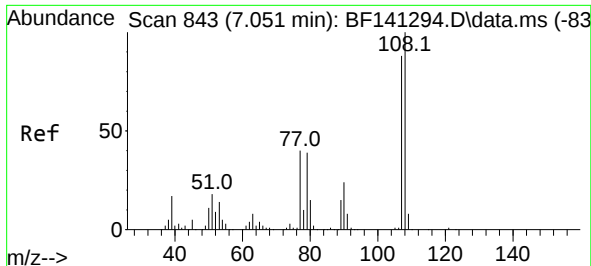


#16
2,2'-oxybis(1-Chloropropane)
Concen: 9.529 ng
RT: 7.069 min Scan# 846
Delta R.T. -0.012 min
Lab File: BF141324.D
Acq: 31 Jan 2025 11:35



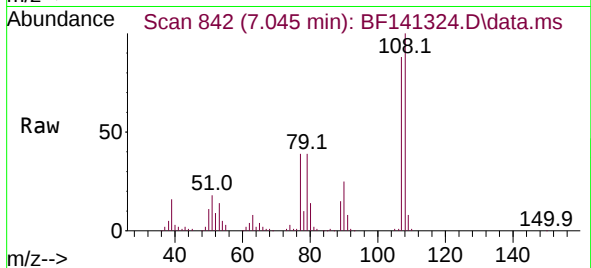
Tgt Ion: 45 Resp: 199113
Ion Ratio Lower Upper
45 100
77 11.7 0.0 31.8
79 8.6 0.0 29.1





#17
2-Methylphenol
Concen: 8.630 ng
RT: 7.045 min Scan# 843
Delta R.T. -0.012 min
Lab File: BF141324.D
Acq: 31 Jan 2025 11:35

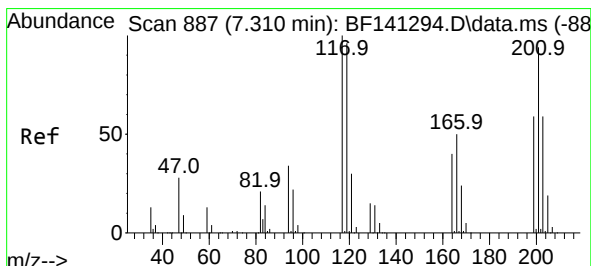
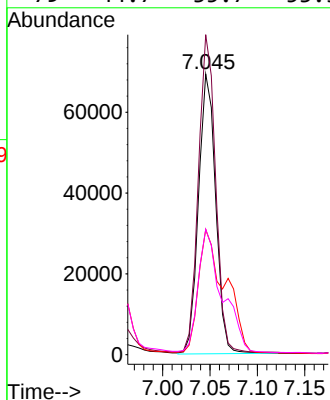
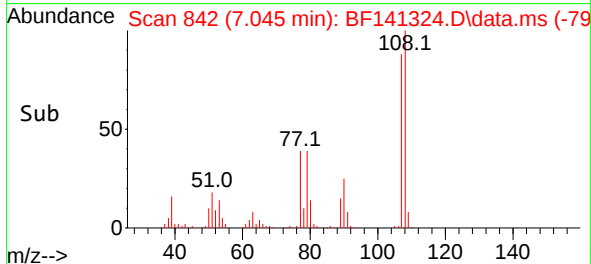
Instrument : BNA_F
ClientSampleId : MDL-WATER-03-QT1-2025



Tgt Ion:107 Resp: 87362
Ion Ratio Lower Upper
107 100
108 114.0 90.8 136.2
77 44.6 36.2 54.4
79 44.7 35.7 53.5

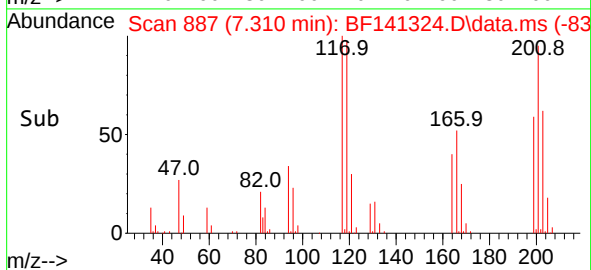
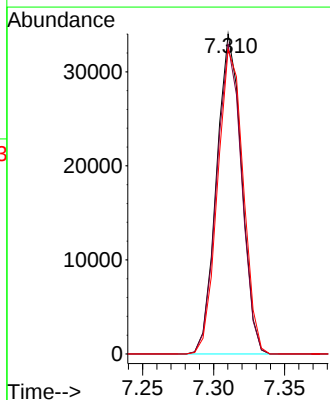
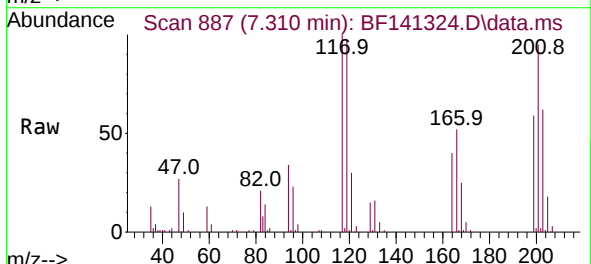
Manual Integrations
APPROVED

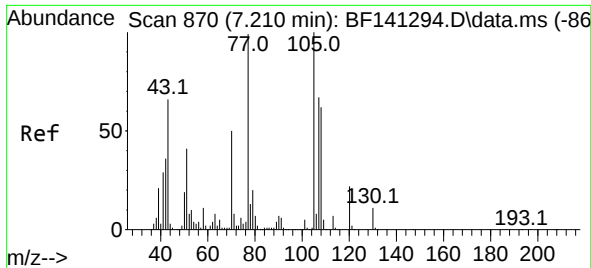
Reviewed By :Jagrut Upadhyay 02/03/2025
Supervised By :mohammad ahmed 02/04/2025



#18
Hexachloroethane
Concen: 8.178 ng
RT: 7.310 min Scan# 887
Delta R.T. -0.006 min
Lab File: BF141324.D
Acq: 31 Jan 2025 11:35

Tgt Ion:117 Resp: 41626
Ion Ratio Lower Upper
117 100
119 96.6 76.6 114.8
201 95.2 74.8 112.2





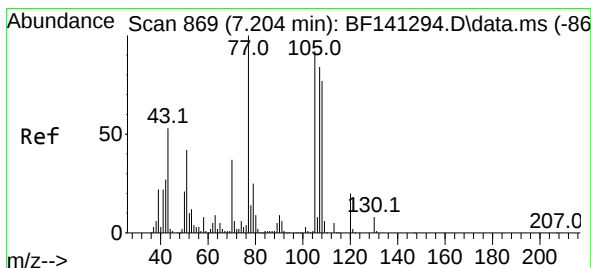
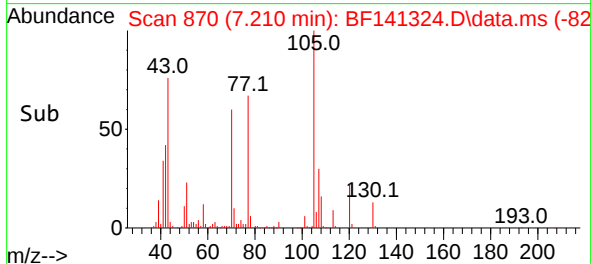
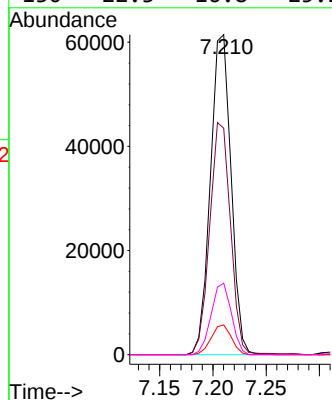
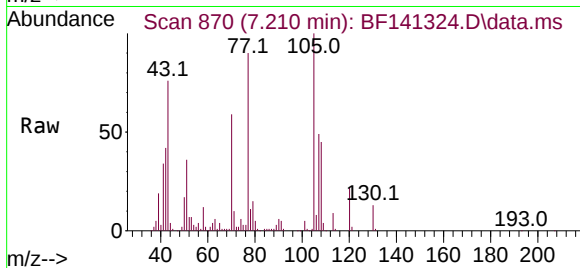
#19
n-Nitroso-di-n-propylamine
Concen: 9.422 ng
RT: 7.210 min Scan# 819
Delta R.T. -0.018 min
Lab File: BF141324.D
Acq: 31 Jan 2025 11:35

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

Tgt Ion: 70 Resp: 8276
Ion Ratio Lower Upper
70 100
42 70.8 56.8 85.2
101 9.3 7.7 11.5
130 22.3 16.8 25.2

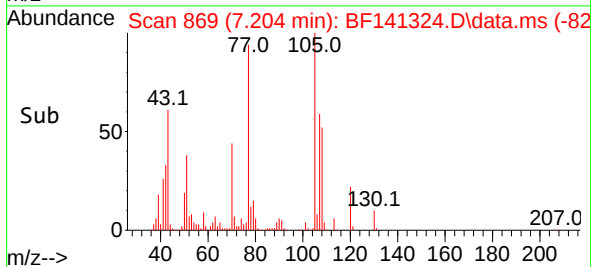
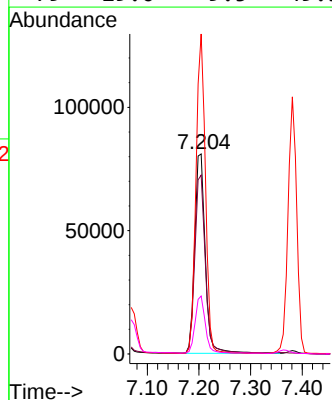
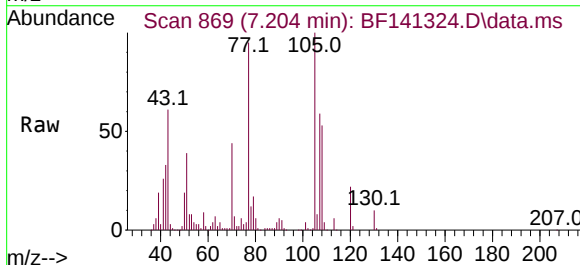
Manual Integrations
APPROVED

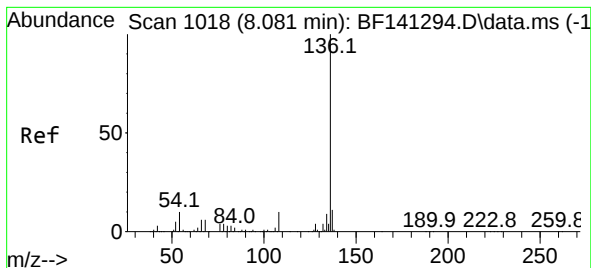
Reviewed By :Jagrut Upadhyay 02/03/2025
Supervised By :mohammad ahmed 02/04/2025



#20
3+4-Methylphenols
Concen: 9.211 ng
RT: 7.204 min Scan# 869
Delta R.T. -0.012 min
Lab File: BF141324.D
Acq: 31 Jan 2025 11:35

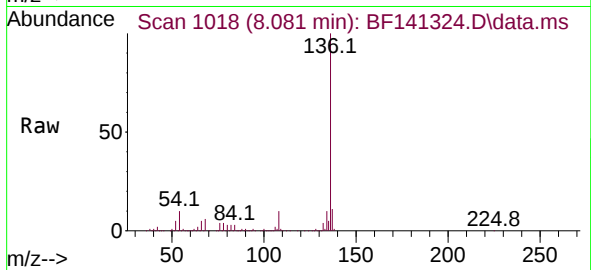
Tgt Ion:107 Resp: 114487
Ion Ratio Lower Upper
107 100
108 89.4 70.9 110.9
77 160.0 98.5 138.5#
79 29.0 9.5 49.5





#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.081 min Scan# 1018
Delta R.T. -0.006 min
Lab File: BF141324.D
Acq: 31 Jan 2025 11:35

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

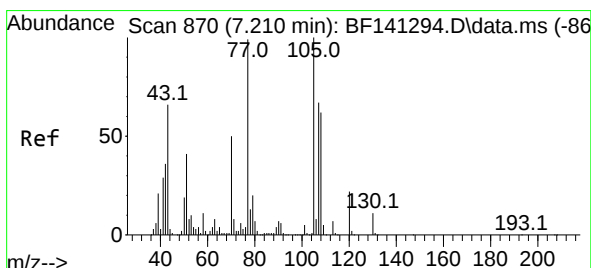
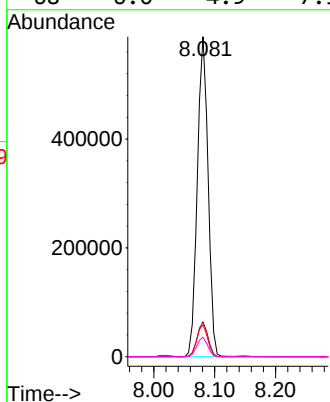
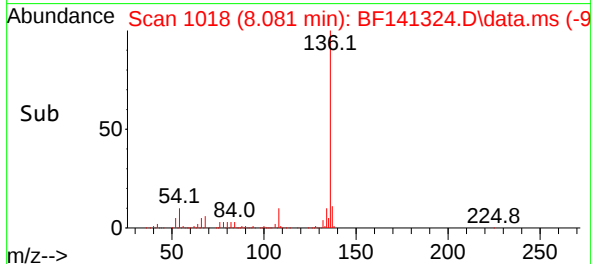


Tgt Ion:136 Resp: 721814

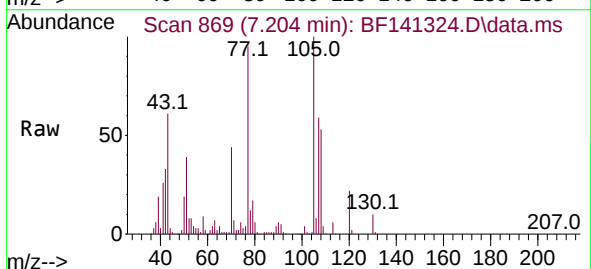
Ion	Ratio	Lower	Upper
136	100		
137	10.9	8.6	13.0
54	9.9	7.8	11.8
68	6.0	4.9	7.3

Manual Integrations
APPROVED

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

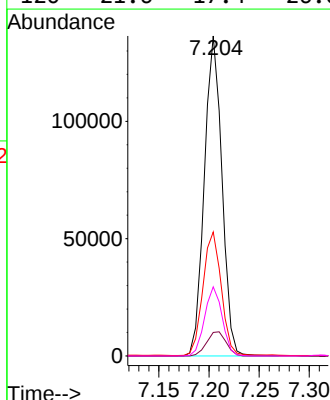
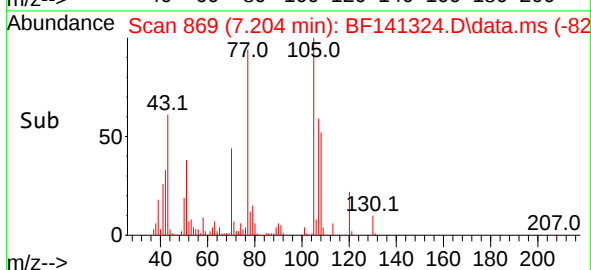


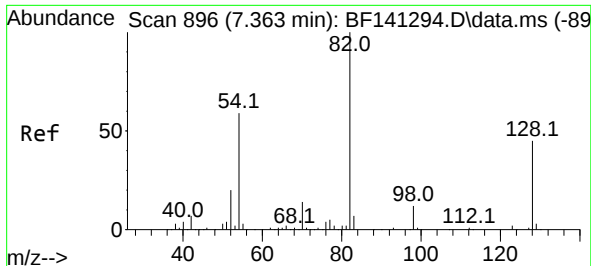
#22
Acetophenone
Concen: 9.757 ng
RT: 7.204 min Scan# 869
Delta R.T. -0.012 min
Lab File: BF141324.D
Acq: 31 Jan 2025 11:35



Tgt Ion:105 Resp: 167408

Ion	Ratio	Lower	Upper
105	100		
71	7.4	6.8	10.2
51	38.8	32.6	49.0
120	21.6	17.4	26.0





#23

Nitrobenzene-d5

Concen: 83.078 ng

RT: 7.363 min Scan# 896

Delta R.T. -0.006 min

Lab File: BF141324.D

Acq: 31 Jan 2025 11:35

Instrument :

BNA_F

ClientSampleId :

MDL-WATER-03-QT1-2025

Tgt Ion: 82 Resp: 113753

Ion Ratio Lower Upper

82 100

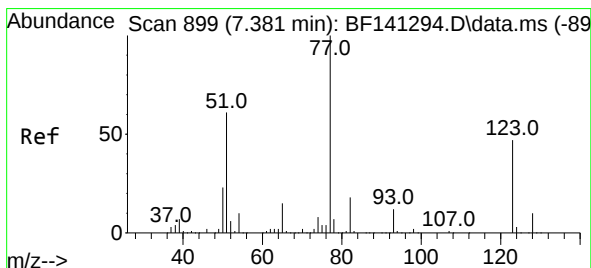
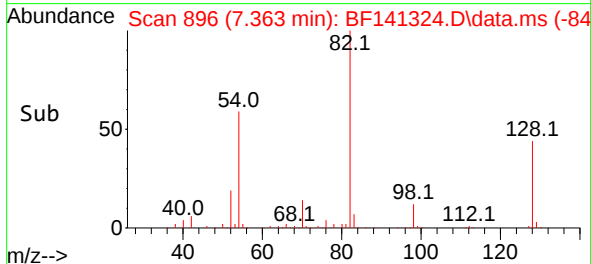
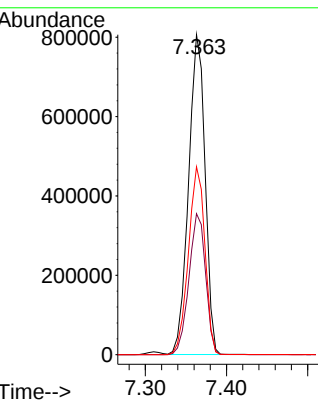
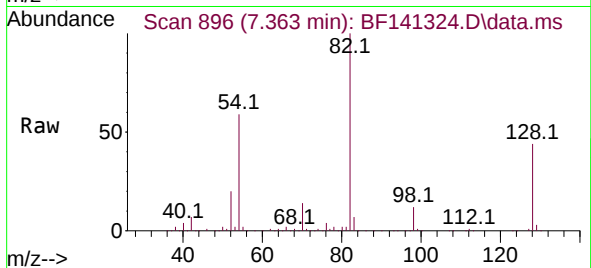
128 44.1 35.7 53.5

54 58.7 47.1 70.7

Manual Integrations

APPROVED

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



#24

Nitrobenzene

Concen: 8.560 ng

RT: 7.381 min Scan# 899

Delta R.T. -0.012 min

Lab File: BF141324.D

Acq: 31 Jan 2025 11:35

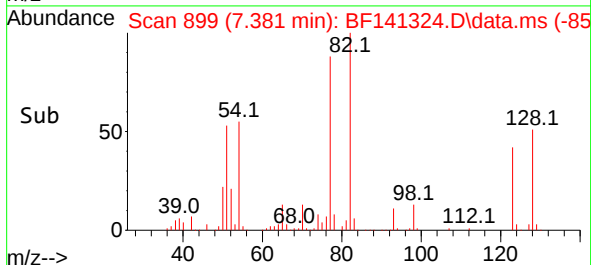
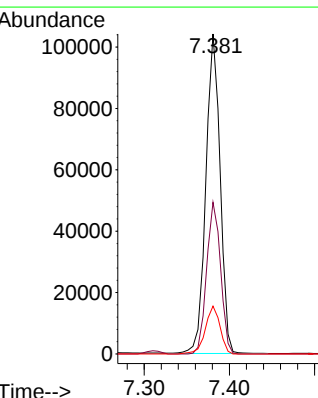
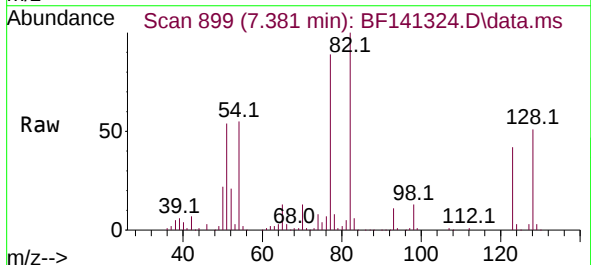
Tgt Ion: 77 Resp: 121465

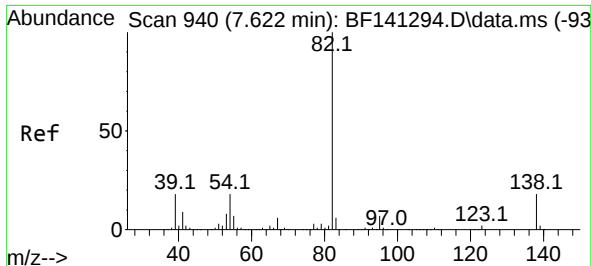
Ion Ratio Lower Upper

77 100

123 47.4 37.3 55.9

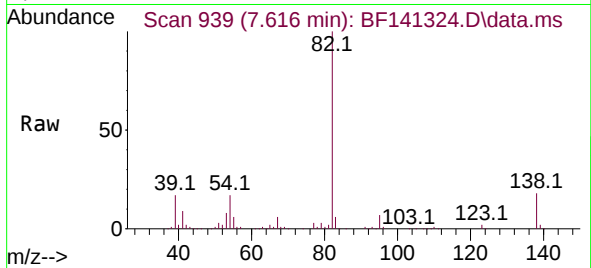
65 14.9 11.8 17.6





#25
Isophorone
Concen: 9.327 ng
RT: 7.616 min Scan# 91
Delta R.T. -0.012 min
Lab File: BF141324.D
Acq: 31 Jan 2025 11:35

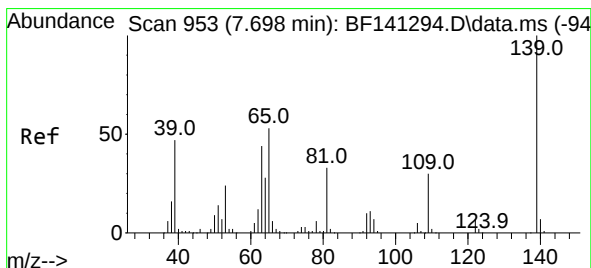
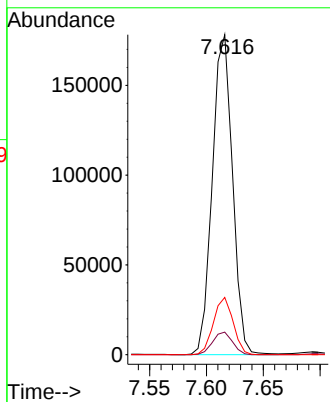
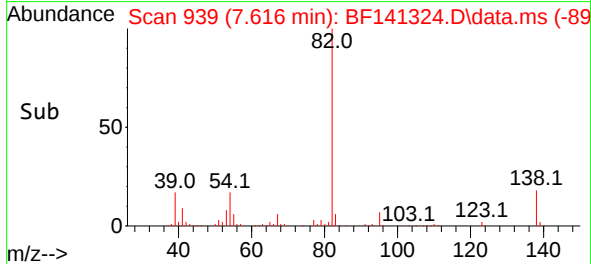
Instrument :
BNA_F
ClientSampleId :
MDL-WATER-03-QT1-2025



Tgt Ion: 82 Resp: 220764
Ion Ratio Lower Upper
82 100
95 7.1 5.8 8.6
138 17.9 14.7 22.1

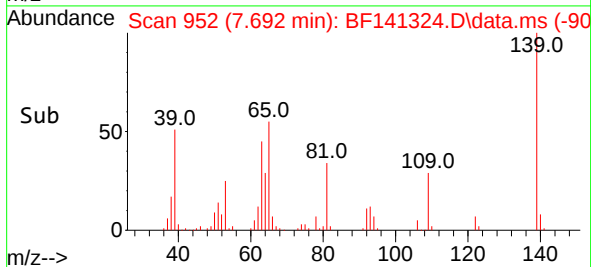
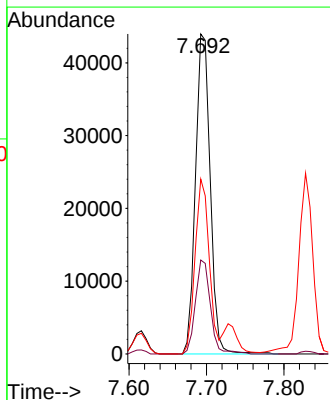
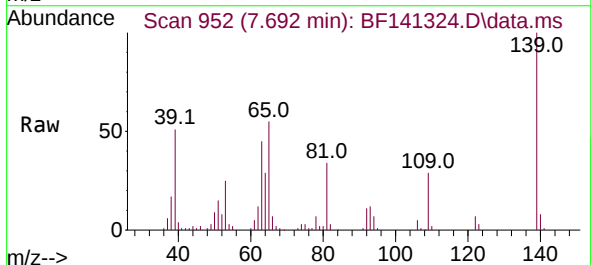
Manual Integrations
APPROVED

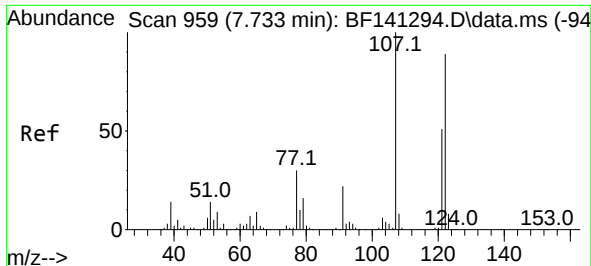
Reviewed By :Jagrut Upadhyay 02/03/2025
Supervised By :mohammad ahmed 02/04/2025



#26
2-Nitrophenol
Concen: 8.674 ng
RT: 7.692 min Scan# 952
Delta R.T. -0.012 min
Lab File: BF141324.D
Acq: 31 Jan 2025 11:35

Tgt Ion:139 Resp: 58049
Ion Ratio Lower Upper
139 100
109 29.3 23.8 35.6
65 54.7 42.2 63.4





#27

2,4-Dimethylphenol

Concen: 6.029 ng m

RT: 7.728 min Scan# 91

Delta R.T. -0.012 min

Lab File: BF141324.D

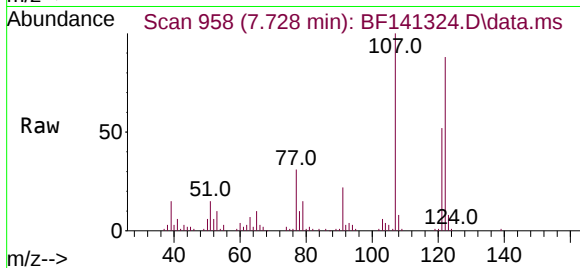
Acq: 31 Jan 2025 11:35

Instrument :

BNA_F

ClientSampleId :

MDL-WATER-03-QT1-2025

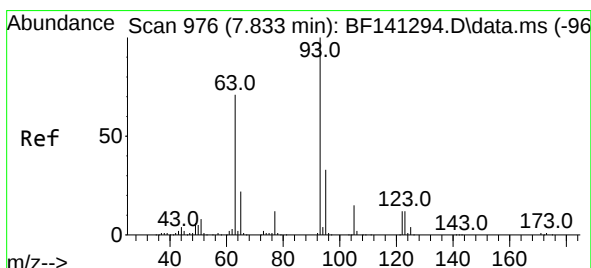
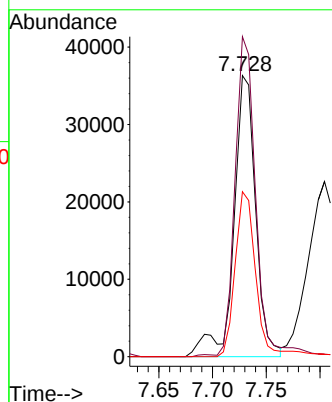
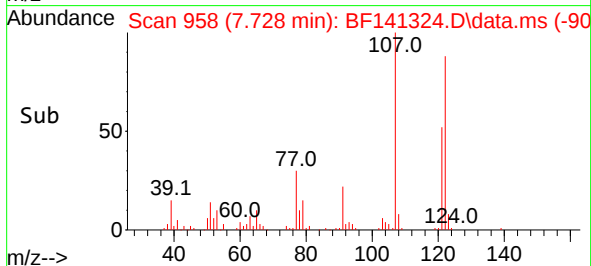


Tgt Ion:	122	Resp:	51350
Ion	Ratio	Lower	Upper
122	100		
107	113.8	89.9	134.9
121	58.7	46.1	69.1

Manual Integrations

APPROVED

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



#28

bis(2-Chloroethoxy)methane

Concen: 9.070 ng

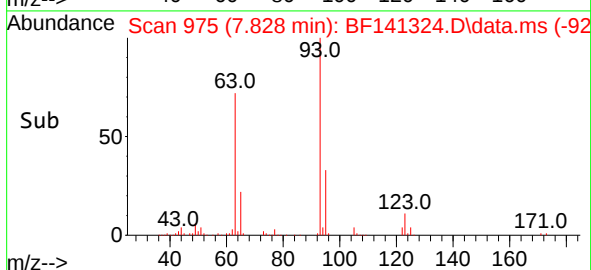
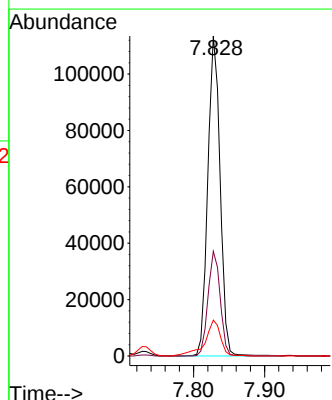
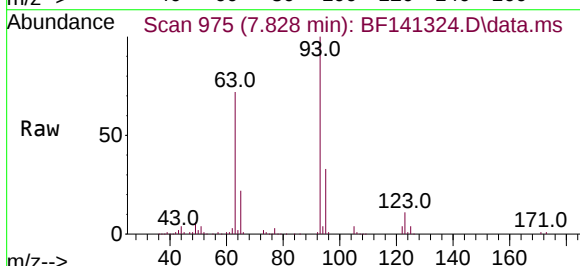
RT: 7.828 min Scan# 975

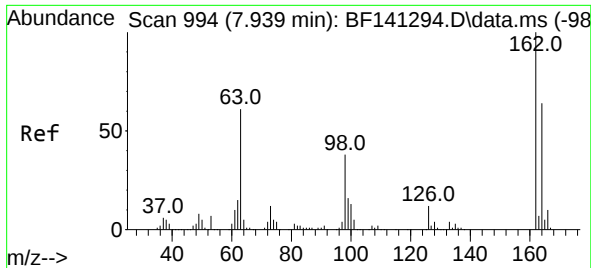
Delta R.T. -0.012 min

Lab File: BF141324.D

Acq: 31 Jan 2025 11:35

Tgt Ion:	93	Resp:	136926
Ion	Ratio	Lower	Upper
93	100		
95	32.7	26.2	39.2
123	11.2	10.2	15.4





#29

2,4-Dichlorophenol

Concen: 8.937 ng

RT: 7.934 min Scan# 994

Delta R.T. -0.012 min

Lab File: BF141324.D

Acq: 31 Jan 2025 11:35

Instrument :

BNA_F

ClientSampleId :

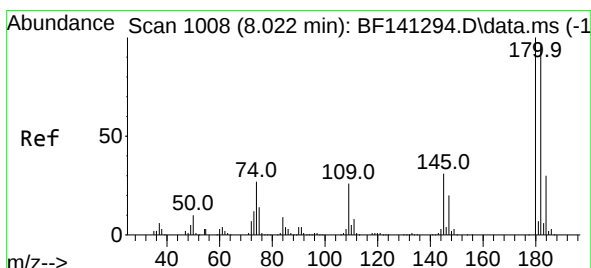
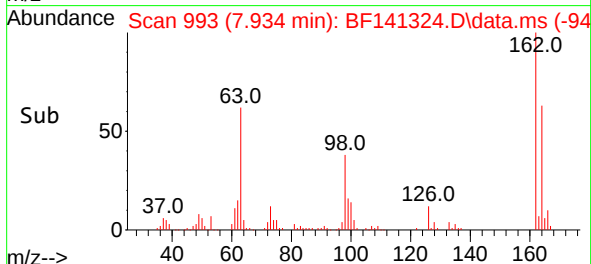
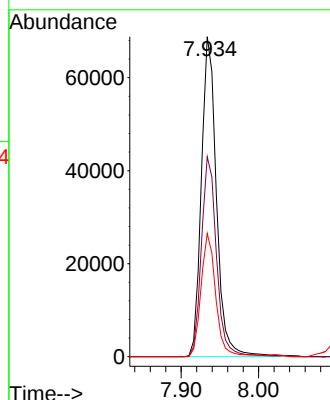
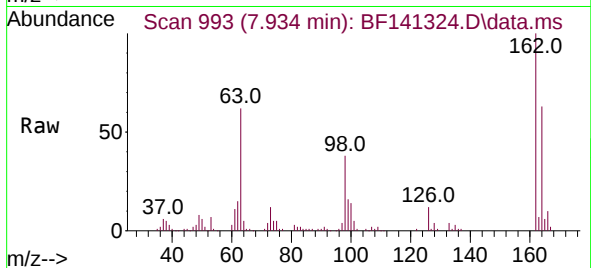
MDL-WATER-03-QT1-2025

Tgt Ion:	162	Resp:	9319
Ion Ratio	Lower	Upper	
162	100		
164	62.5	44.2	84.2
98	38.5	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: 8.731 ng

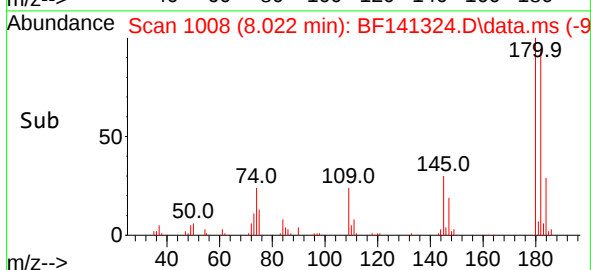
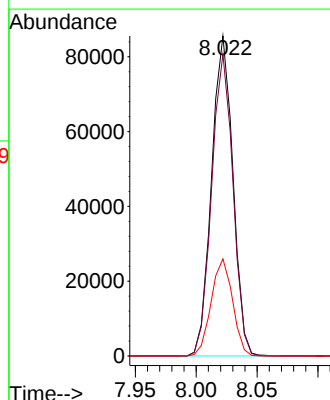
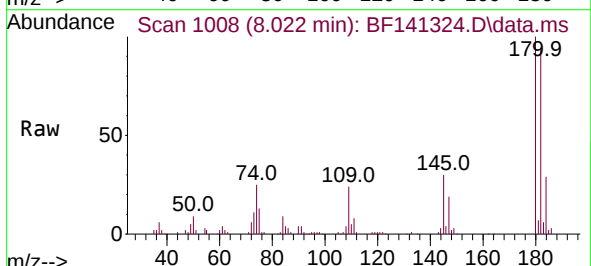
RT: 8.022 min Scan# 1008

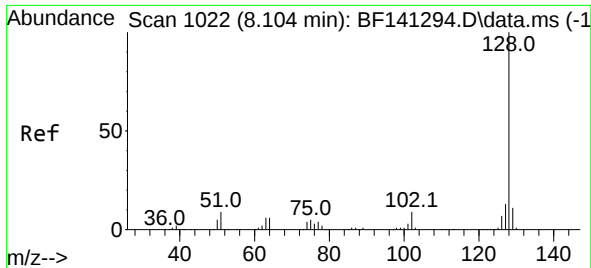
Delta R.T. -0.006 min

Lab File: BF141324.D

Acq: 31 Jan 2025 11:35

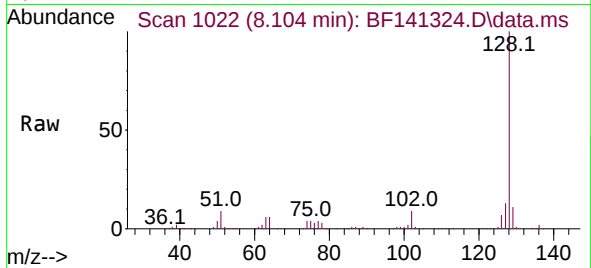
Tgt Ion:	180	Resp:	103979
Ion Ratio	Lower	Upper	
180	100		
182	94.3	76.4	114.6
145	30.3	24.9	37.3





#31
Naphthalene
Concen: 8.966 ng
RT: 8.104 min Scan# 1022
Delta R.T. -0.006 min
Lab File: BF141324.D
Acq: 31 Jan 2025 11:35

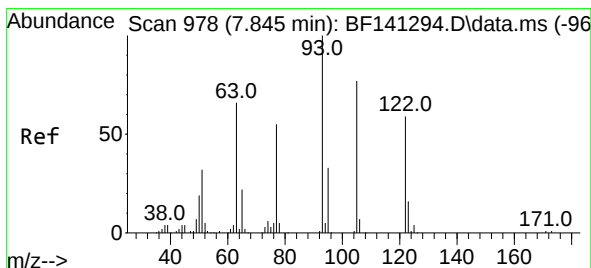
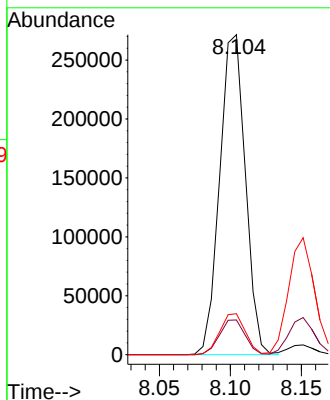
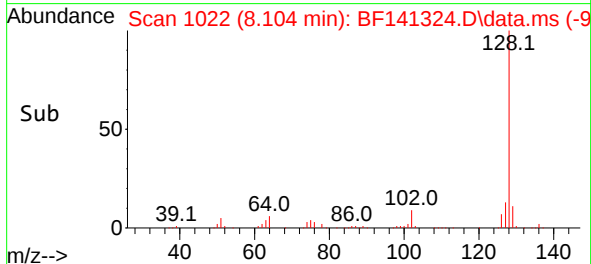
Instrument :
BNA_F
ClientSampleId :
MDL-WATER-03-QT1-2025



Tgt Ion:128 Resp: 34189
Ion Ratio Lower Upper
128 100
129 10.8 8.9 13.3
127 12.8 10.6 15.8

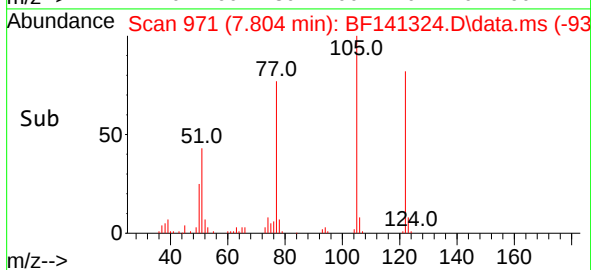
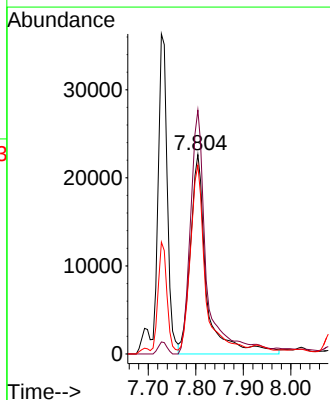
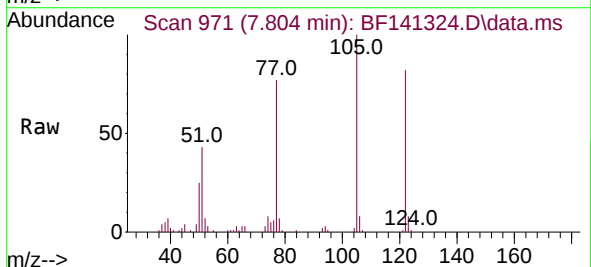
Manual Integrations
APPROVED

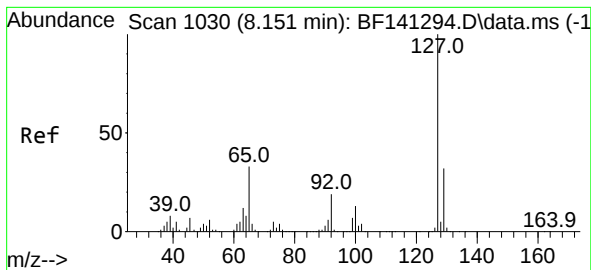
Reviewed By :Jagrut Upadhyay 02/03/2025
Supervised By :mohammad ahmed 02/04/2025



#32
Benzoic acid
Concen: 6.849 ng m
RT: 7.804 min Scan# 971
Delta R.T. -0.077 min
Lab File: BF141324.D
Acq: 31 Jan 2025 11:35

Tgt Ion:122 Resp: 53628
Ion Ratio Lower Upper
122 100
105 122.3 103.4 143.4
77 94.7 70.9 110.9





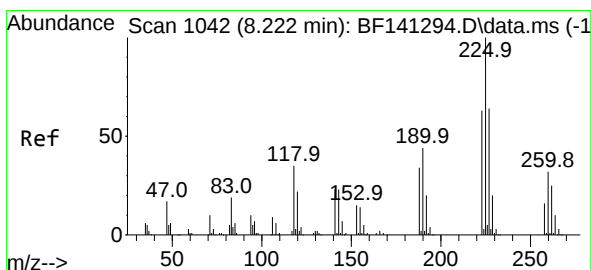
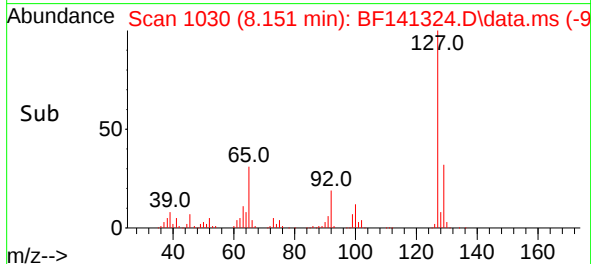
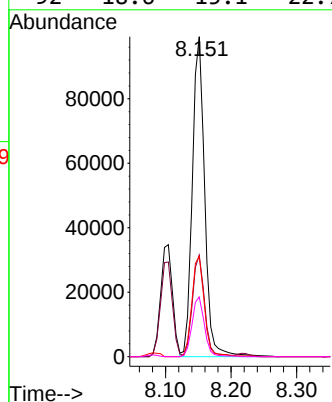
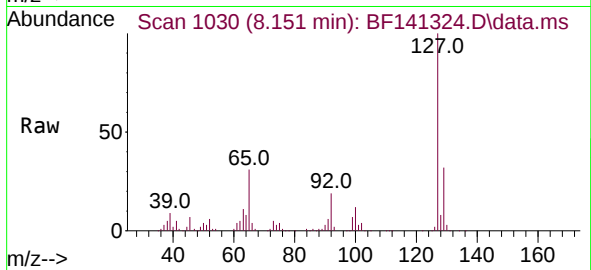
#33
4-Chloroaniline
Concen: 10.084 ng
RT: 8.151 min Scan# 1030
Delta R.T. -0.006 min
Lab File: BF141324.D
Acq: 31 Jan 2025 11:35

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

Tgt Ion:	127	Resp:	13038
Ion Ratio	Lower	Upper	
127	100		
129	31.7	25.7	38.5
65	31.4	26.4	39.6
92	18.6	15.1	22.7

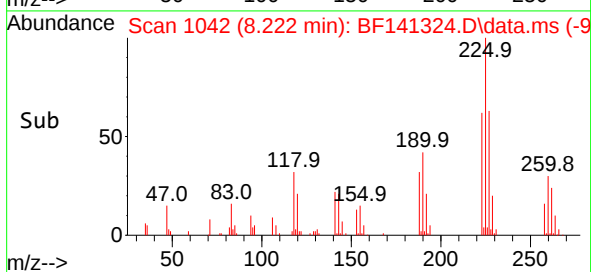
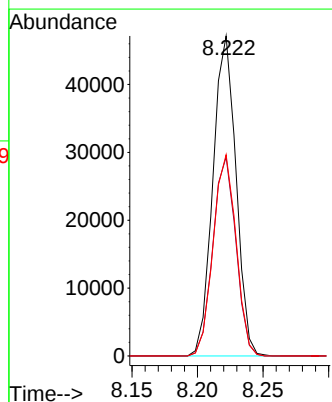
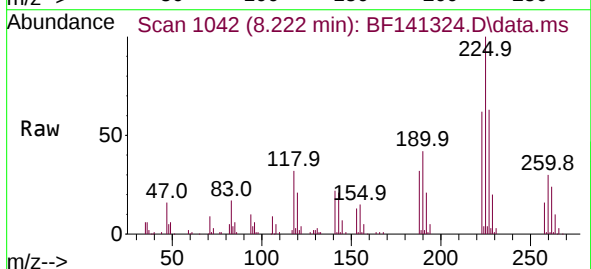
Manual Integrations
APPROVED

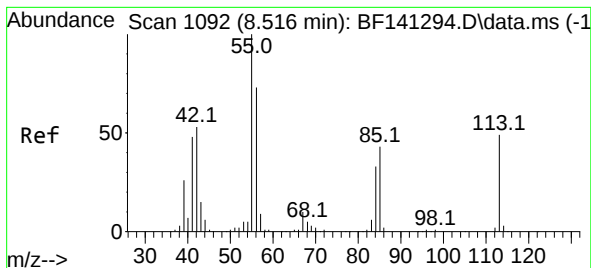
Reviewed By :Jagrut Upadhyay 02/03/2025
Supervised By :mohammad ahmed 02/04/2025



#34
Hexachlorobutadiene
Concen: 8.241 ng
RT: 8.222 min Scan# 1042
Delta R.T. -0.000 min
Lab File: BF141324.D
Acq: 31 Jan 2025 11:35

Tgt Ion:	225	Resp:	57552
Ion Ratio	Lower	Upper	
225	100		
223	62.1	50.4	75.6
227	62.9	51.3	76.9





#35

Caprolactam

Concen: 8.641 ng

RT: 8.487 min Scan# 1108

Delta R.T. -0.059 min

Lab File: BF141324.D

Acq: 31 Jan 2025 11:35

Instrument :

BNA_F

ClientSampleId :

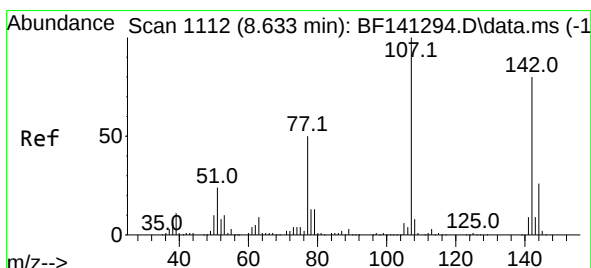
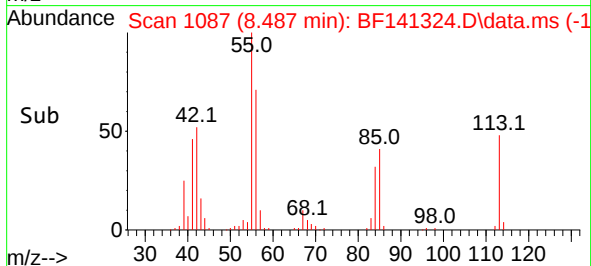
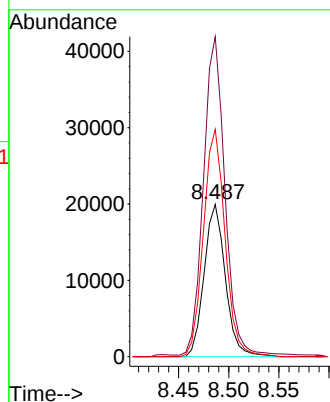
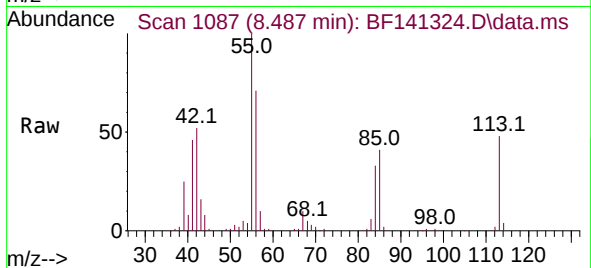
MDL-WATER-03-QT1-2025

Tgt Ion:	113	Resp:	29420
Ion Ratio	Lower	Upper	
113	100		
55	210.1	182.9	222.9
56	149.2	127.9	167.9

Manual Integrations

APPROVED

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



#36

4-Chloro-3-methylphenol

Concen: 9.306 ng

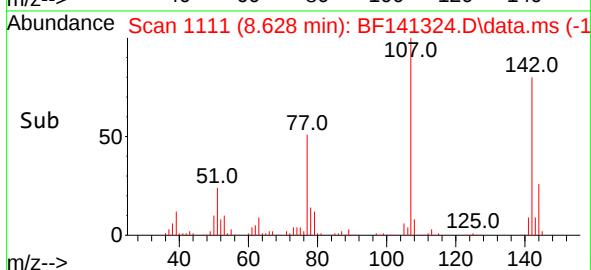
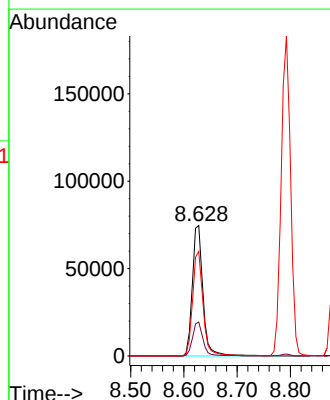
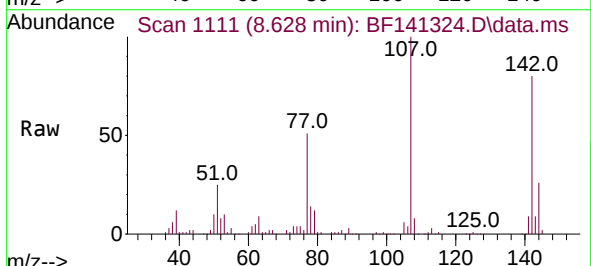
RT: 8.628 min Scan# 1111

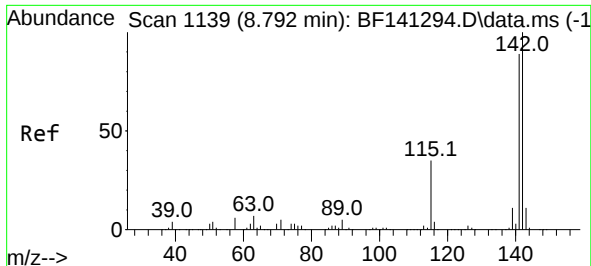
Delta R.T. -0.012 min

Lab File: BF141324.D

Acq: 31 Jan 2025 11:35

Tgt Ion:	107	Resp:	104095
Ion Ratio	Lower	Upper	
107	100		
144	26.0	20.7	31.1
142	80.1	63.8	95.8





#37

2-Methylnaphthalene

Concen: 9.233 ng

RT: 8.792 min Scan# 1139

Delta R.T. -0.006 min

Lab File: BF141324.D

Acq: 31 Jan 2025 11:35

Instrument :

BNA_F

ClientSampleId :

MDL-WATER-03-QT1-2025

Tgt Ion:142 Resp: 22376

Ion Ratio Lower Upper

142 100

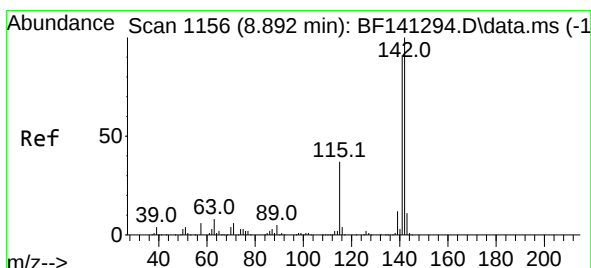
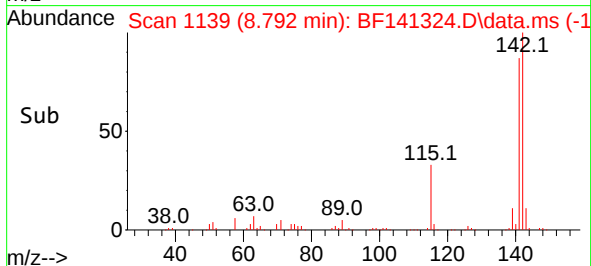
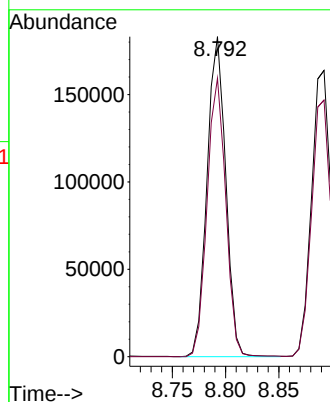
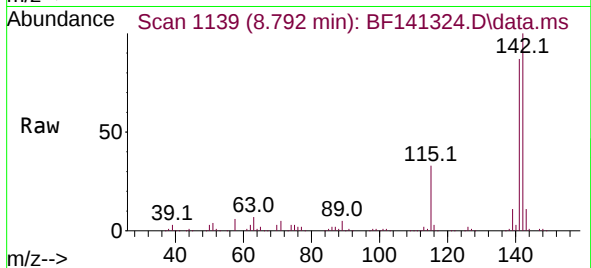
141 87.0 71.3 106.9

Manual Integrations

APPROVED

Reviewed By :Jagrut Upadhyay 02/03/2025

Supervised By :mohammad ahmed 02/04/2025



#38

1-Methylnaphthalene

Concen: 8.702 ng

RT: 8.892 min Scan# 1156

Delta R.T. -0.006 min

Lab File: BF141324.D

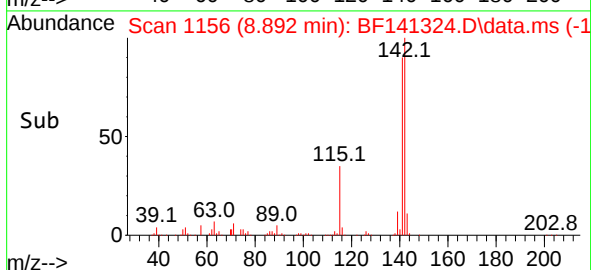
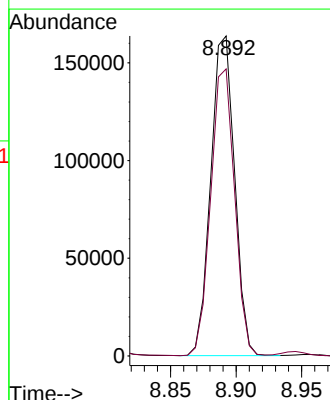
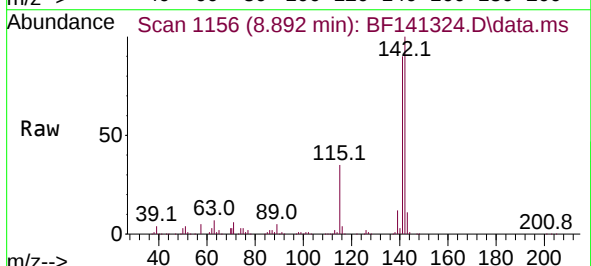
Acq: 31 Jan 2025 11:35

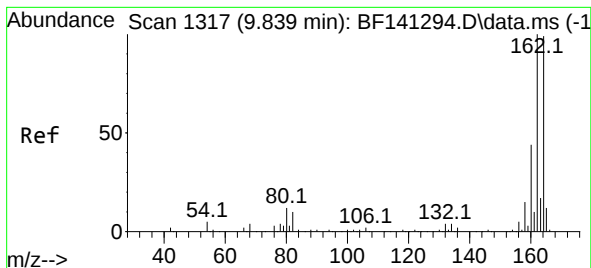
Tgt Ion:142 Resp: 207161

Ion Ratio Lower Upper

142 100

141 89.7 73.2 109.8





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.834 min Scan# 1167

Delta R.T. -0.006 min

Lab File: BF141324.D

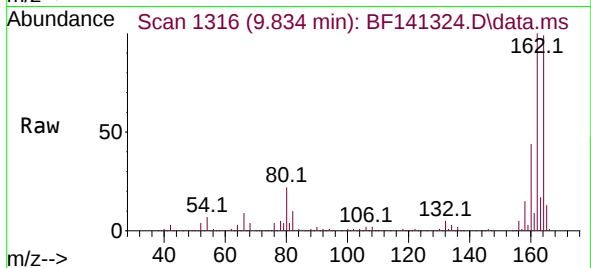
Acq: 31 Jan 2025 11:35

Instrument :

BNA_F

ClientSampleId :

MDL-WATER-03-QT1-2025



Tgt Ion:164 Resp: 390598

Ion Ratio Lower Upper

164 100

162 101.2 80.6 121.0

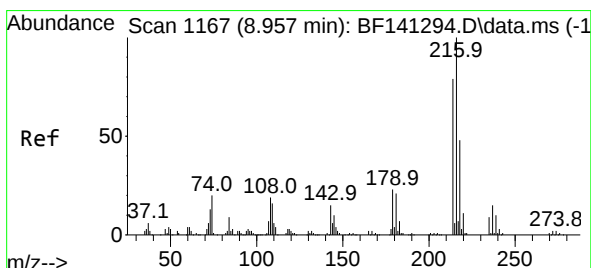
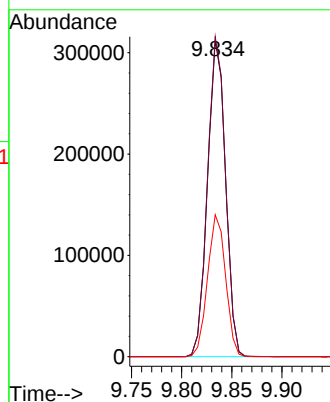
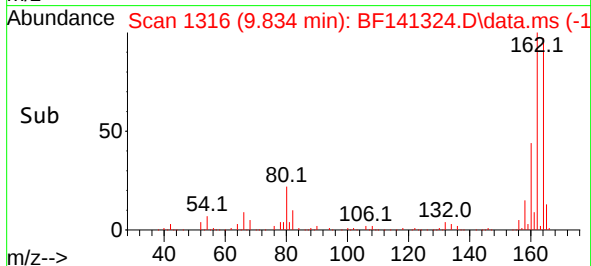
160 44.9 35.8 53.6

Manual Integrations

APPROVED

Reviewed By :Jagrut Upadhyay 02/03/2025

Supervised By :mohammad ahmed 02/04/2025



#40

1,2,4,5-Tetrachlorobenzene

Concen: 9.300 ng

RT: 8.957 min Scan# 1167

Delta R.T. -0.006 min

Lab File: BF141324.D

Acq: 31 Jan 2025 11:35

Tgt Ion:216 Resp: 103346

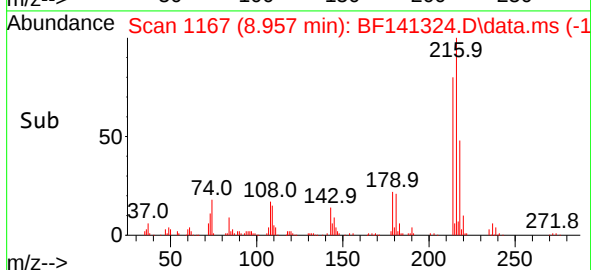
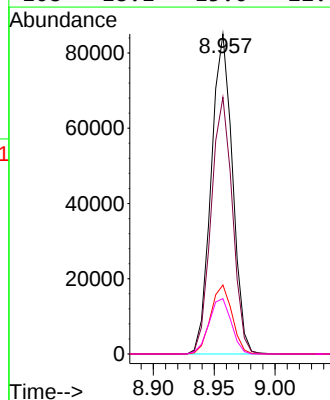
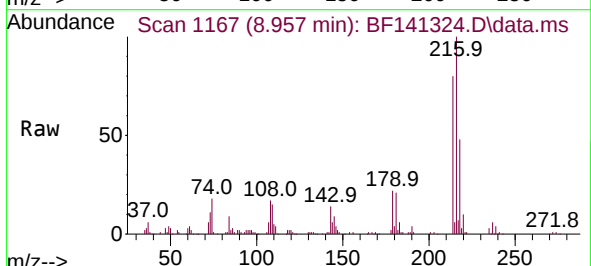
Ion Ratio Lower Upper

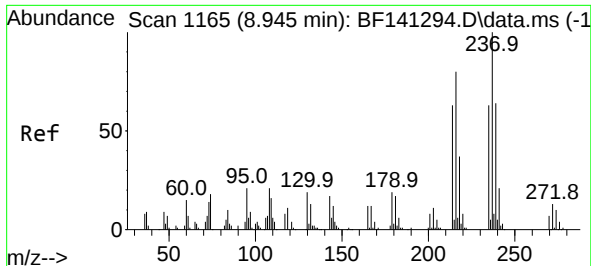
216 100

214 79.9 63.2 94.8

179 21.7 17.8 26.8

108 18.1 15.0 22.6





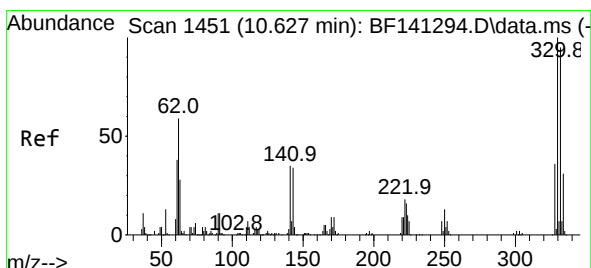
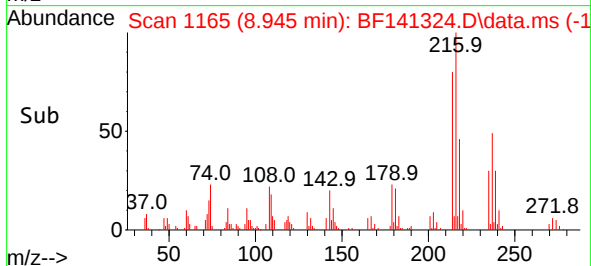
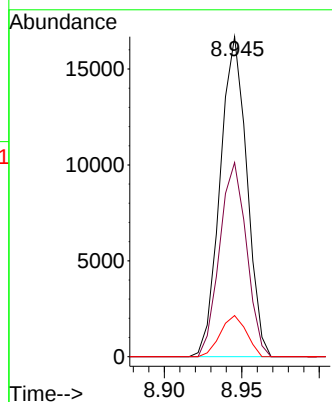
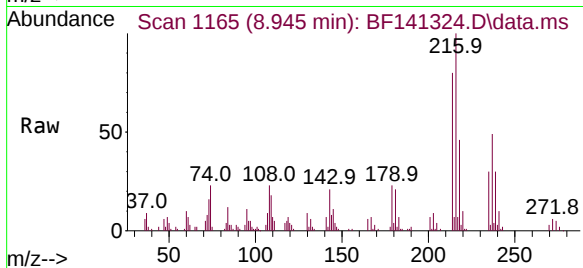
#41
Hexachlorocyclopentadiene
Concen: 6.093 ng
RT: 8.945 min Scan# 1165
Delta R.T. -0.006 min
Lab File: BF141324.D
Acq: 31 Jan 2025 11:35

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

Tgt Ion:237 Resp: 1999
Ion Ratio Lower Upper
237 100
235 60.7 42.9 82.9
272 12.9 0.0 32.8

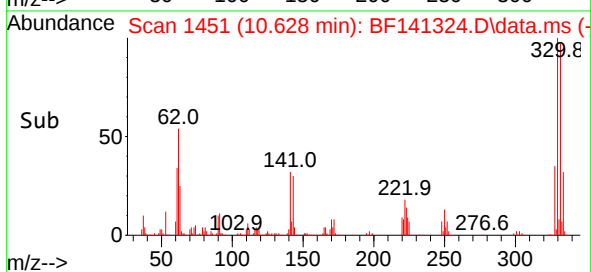
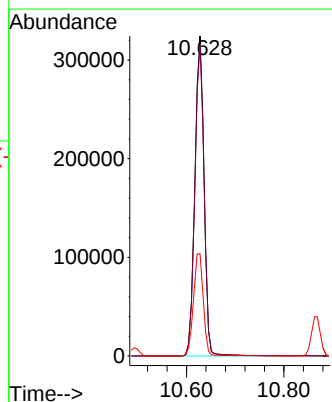
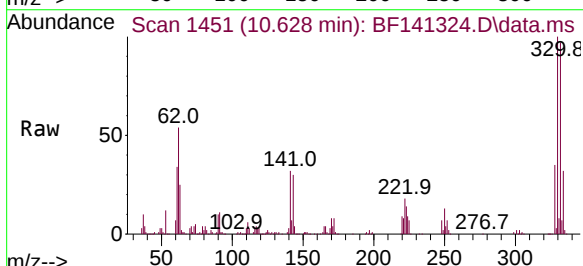
Manual Integrations
APPROVED

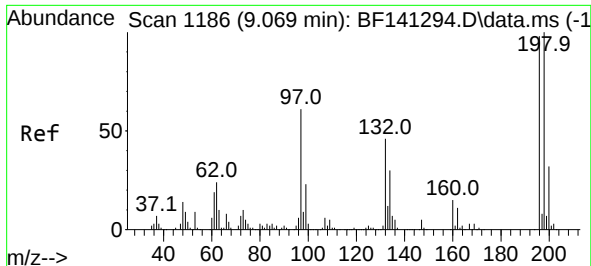
Reviewed By :Jagrut Upadhyay 02/03/2025
Supervised By :mohammad ahmed 02/04/2025



#42
2,4,6-Tribromophenol
Concen: 119.931 ng
RT: 10.628 min Scan# 1451
Delta R.T. -0.006 min
Lab File: BF141324.D
Acq: 31 Jan 2025 11:35

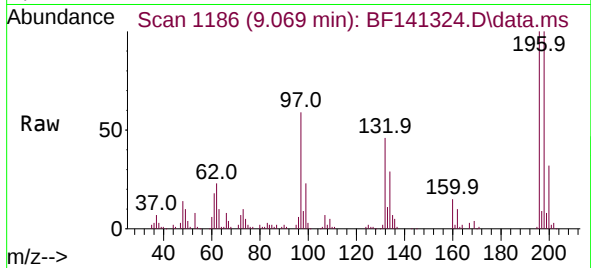
Tgt Ion:330 Resp: 429459
Ion Ratio Lower Upper
330 100
332 97.4 76.1 114.1
141 33.9 28.8 43.2





#43
2,4,6-Trichlorophenol
Concen: 8.751 ng
RT: 9.069 min Scan# 1186
Delta R.T. -0.006 min
Lab File: BF141324.D
Acq: 31 Jan 2025 11:35

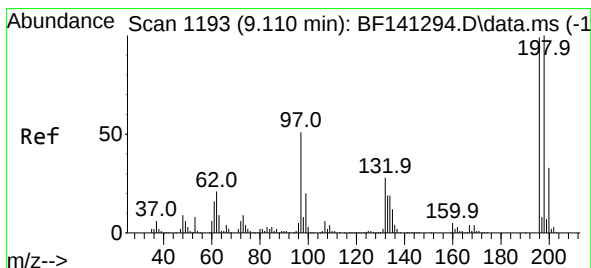
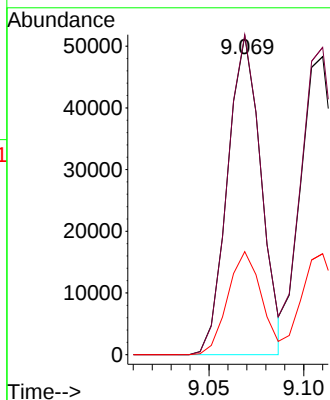
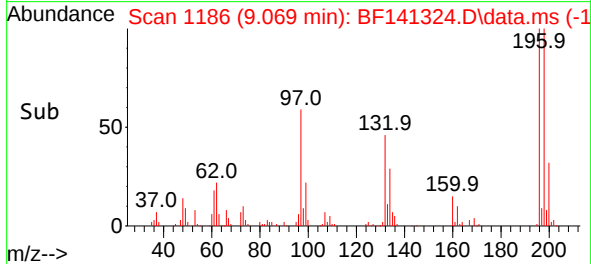
Instrument : BNA_F
ClientSampleId : MDL-WATER-03-QT1-2025



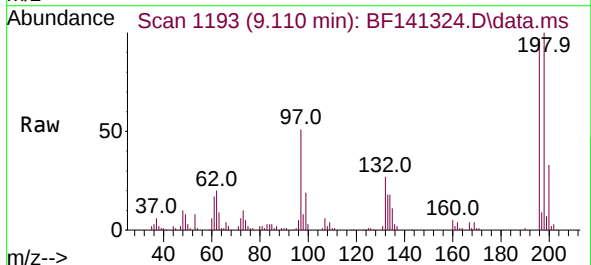
Tgt Ion:196 Resp: 63640
Ion Ratio Lower Upper
196 100
198 100.5 81.8 122.6
200 32.3 26.3 39.5

Manual Integrations
APPROVED

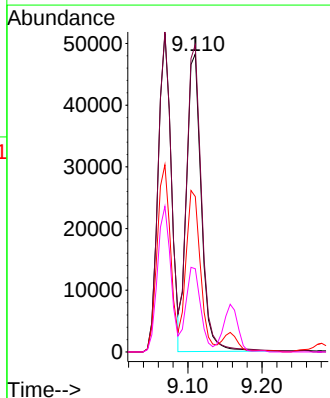
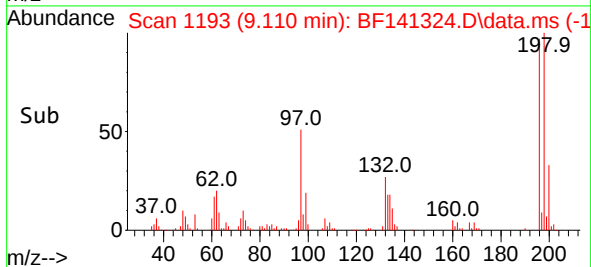
Reviewed By :Jagrut Upadhyay 02/03/2025
Supervised By :mohammad ahmed 02/04/2025

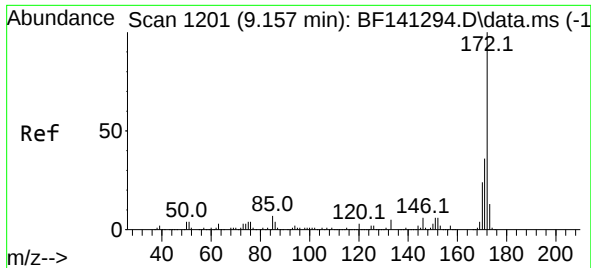


#44
2,4,5-Trichlorophenol
Concen: 8.464 ng
RT: 9.110 min Scan# 1193
Delta R.T. -0.006 min
Lab File: BF141324.D
Acq: 31 Jan 2025 11:35



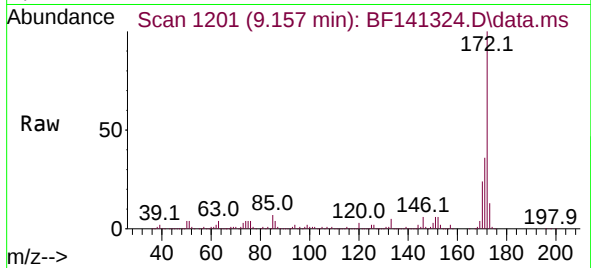
Tgt Ion:196 Resp: 67002
Ion Ratio Lower Upper
196 100
198 103.1 80.5 120.7
97 52.1 42.8 64.2
132 27.9 23.5 35.3





#45
2-Fluorobiphenyl
Concen: 75.717 ng
RT: 9.157 min Scan# 1201
Delta R.T. -0.006 min
Lab File: BF141324.D
Acq: 31 Jan 2025 11:35

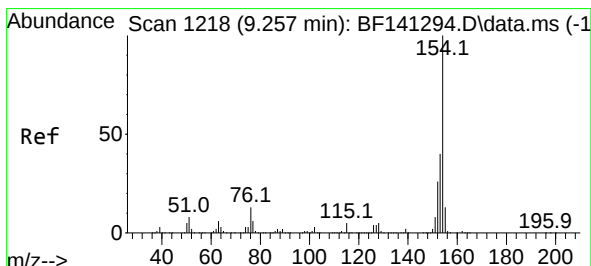
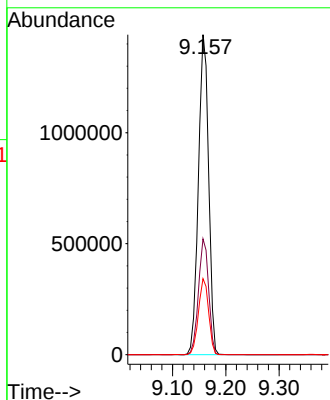
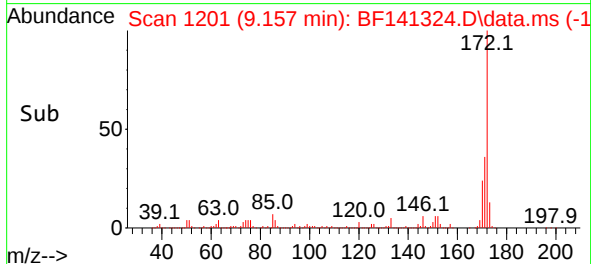
Instrument : BNA_F
ClientSampleId : MDL-WATER-03-QT1-2025



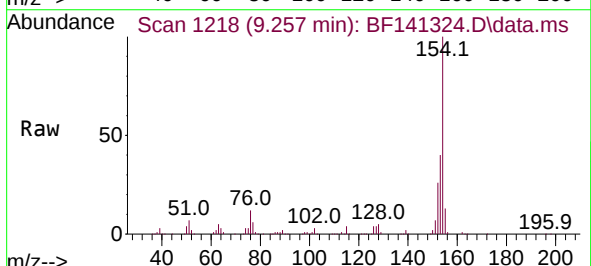
Tgt Ion:172 Resp: 1921458
Ion Ratio Lower Upper
172 100
171 36.2 28.8 43.2
170 23.7 19.0 28.6

Manual Integrations
APPROVED

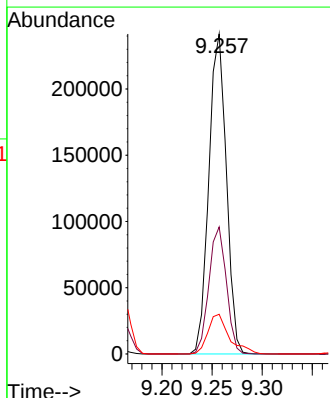
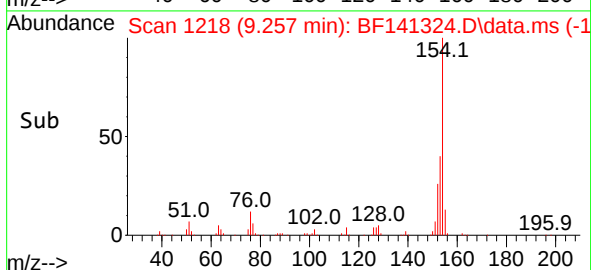
Reviewed By :Jagrut Upadhyay 02/03/2025
Supervised By :mohammad ahmed 02/04/2025

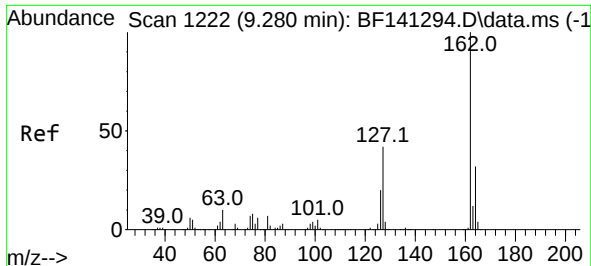


#46
1,1'-Biphenyl
Concen: 9.639 ng
RT: 9.257 min Scan# 1218
Delta R.T. -0.006 min
Lab File: BF141324.D
Acq: 31 Jan 2025 11:35



Tgt Ion:154 Resp: 293630
Ion Ratio Lower Upper
154 100
153 39.7 20.0 60.0
76 12.4 0.0 32.8





#47

2-Chloronaphthalene

Concen: 8.825 ng

RT: 9.281 min Scan# 1222

Delta R.T. -0.006 min

Lab File: BF141324.D

Acq: 31 Jan 2025 11:35

Instrument :

BNA_F

ClientSampleId :

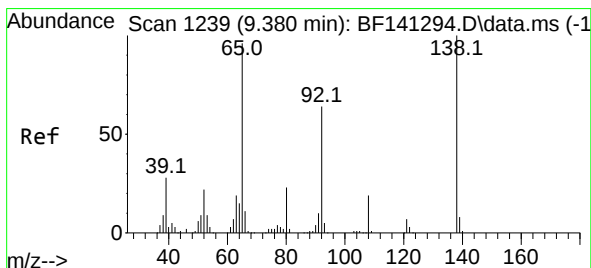
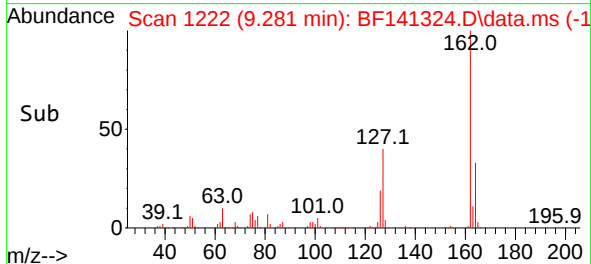
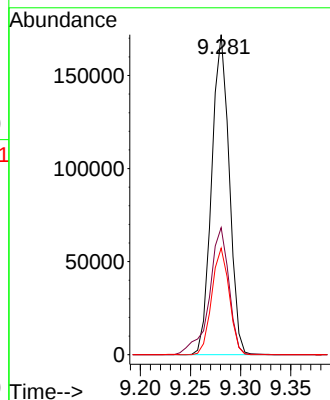
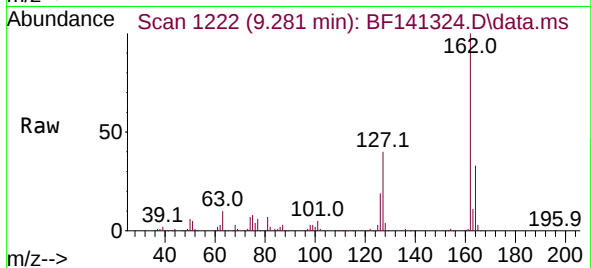
MDL-WATER-03-QT1-2025

Tgt Ion:162 Resp: 20954
 Ion Ratio Lower Upper
 162 100
 127 39.7 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: 8.918 ng

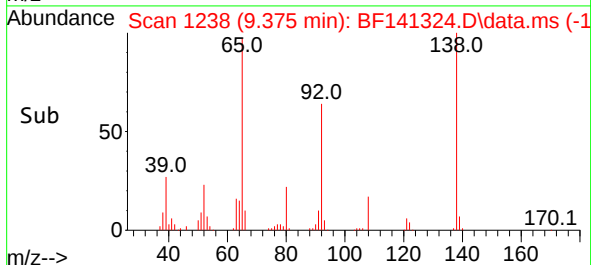
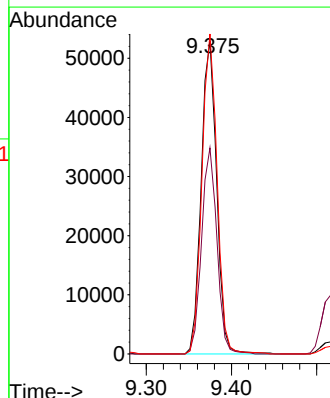
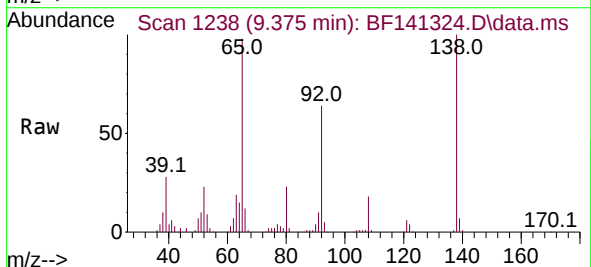
RT: 9.375 min Scan# 1238

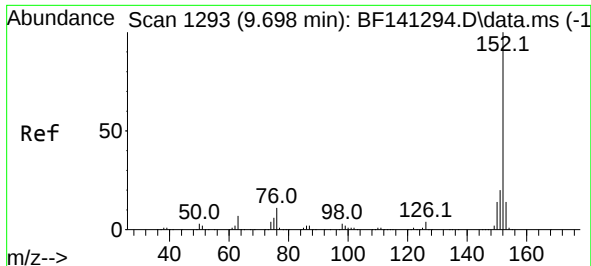
Delta R.T. -0.006 min

Lab File: BF141324.D

Acq: 31 Jan 2025 11:35

Tgt Ion: 65 Resp: 66600
 Ion Ratio Lower Upper
 65 100
 92 65.9 53.3 79.9
 138 102.3 83.6 125.4





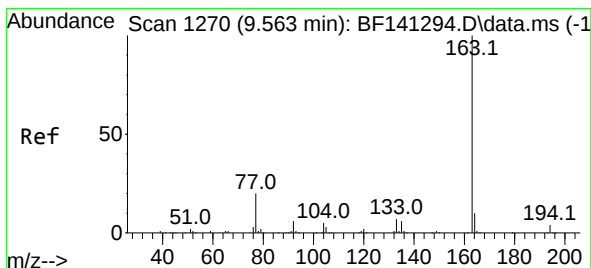
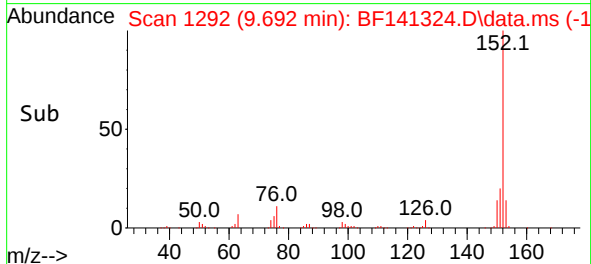
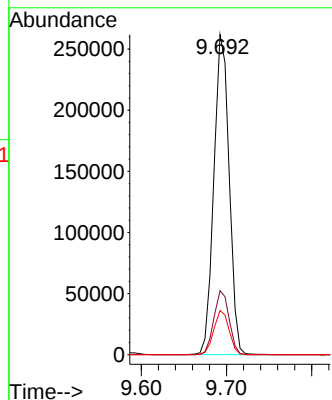
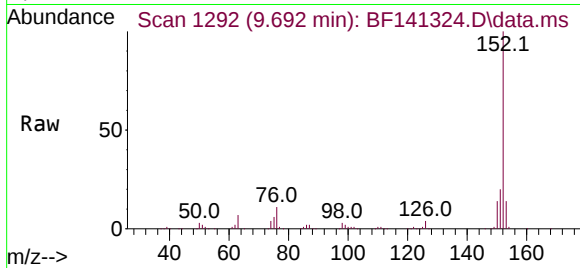
#49
Acenaphthylene
Concen: 9.834 ng
RT: 9.692 min Scan# 1293
Delta R.T. -0.012 min
Lab File: BF141324.D
Acq: 31 Jan 2025 11:35

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

Tgt Ion:152 Resp: 32684
Ion Ratio Lower Upper
152 100
151 20.0 16.2 24.2
153 13.8 11.0 16.6

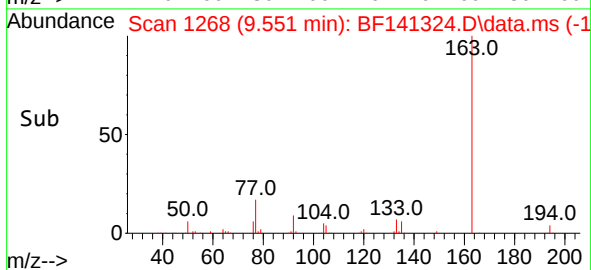
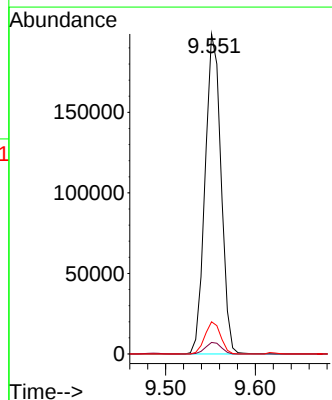
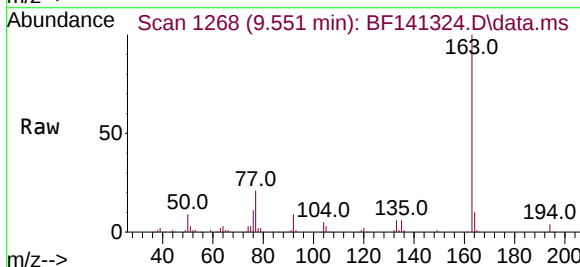
Manual Integrations
APPROVED

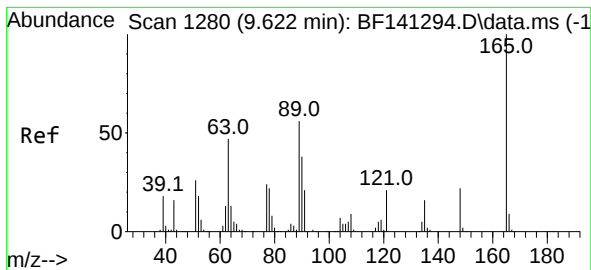
Reviewed By :Jagrut Upadhyay 02/03/2025
Supervised By :mohammad ahmed 02/04/2025



#50
Dimethylphthalate
Concen: 9.279 ng
RT: 9.551 min Scan# 1268
Delta R.T. -0.018 min
Lab File: BF141324.D
Acq: 31 Jan 2025 11:35

Tgt Ion:163 Resp: 244791
Ion Ratio Lower Upper
163 100
194 3.6 3.0 4.6
164 10.1 8.0 12.0





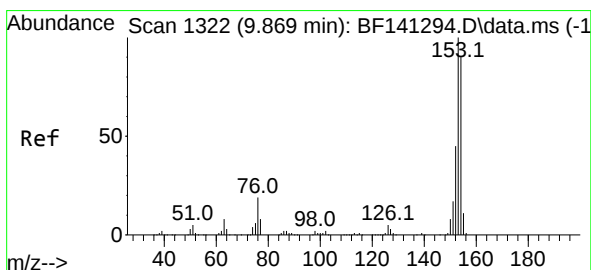
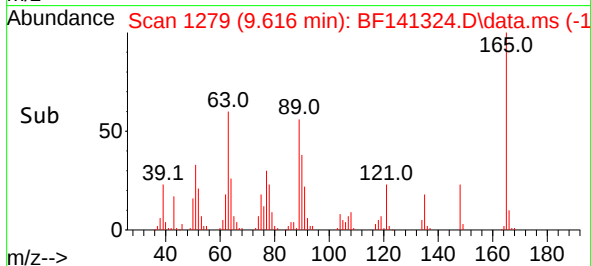
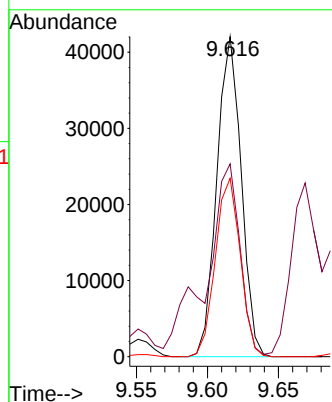
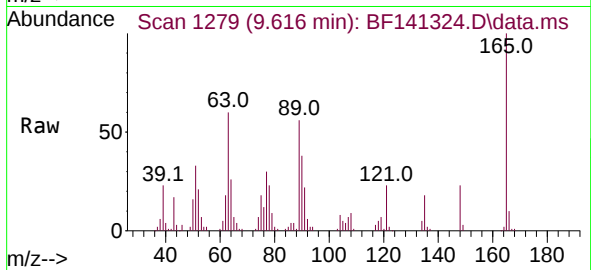
#51
2,6-Dinitrotoluene
Concen: 8.187 ng
RT: 9.616 min Scan# 1279
Delta R.T. -0.012 min
Lab File: BF141324.D
Acq: 31 Jan 2025 11:35

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

Tgt Ion:165 Resp: 50140
Ion Ratio Lower Upper
165 100
63 60.3 48.1 72.1
89 55.8 44.9 67.3

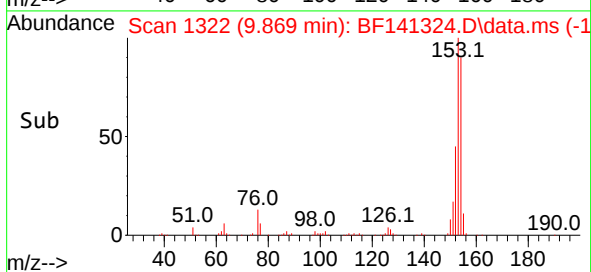
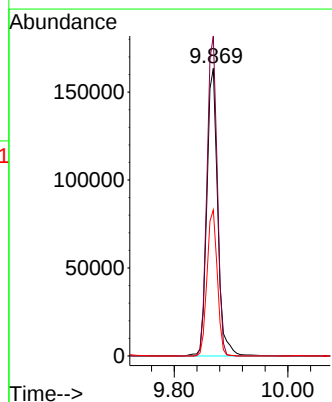
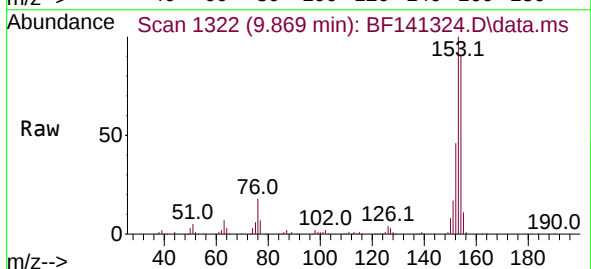
Manual Integrations
APPROVED

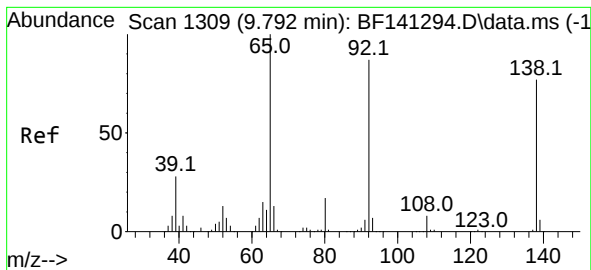
Reviewed By :Jagrut Upadhyay 02/03/2025
Supervised By :mohammad ahmed 02/04/2025



#52
Acenaphthene
Concen: 9.095 ng
RT: 9.869 min Scan# 1322
Delta R.T. -0.006 min
Lab File: BF141324.D
Acq: 31 Jan 2025 11:35

Tgt Ion:154 Resp: 215946
Ion Ratio Lower Upper
154 100
153 111.3 89.0 133.4
152 50.8 40.2 60.4





#53

3-Nitroaniline

Concen: 8.978 ng

RT: 9.781 min Scan# 1307

Delta R.T. -0.018 min

Lab File: BF141324.D

Acq: 31 Jan 2025 11:35

Instrument :

BNA_F

ClientSampleId :

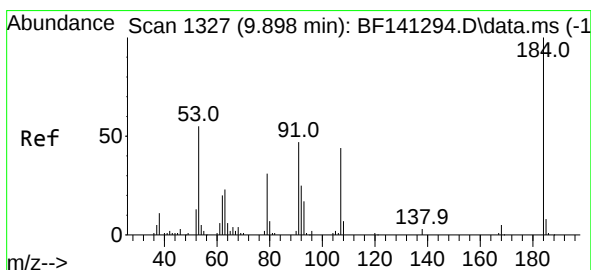
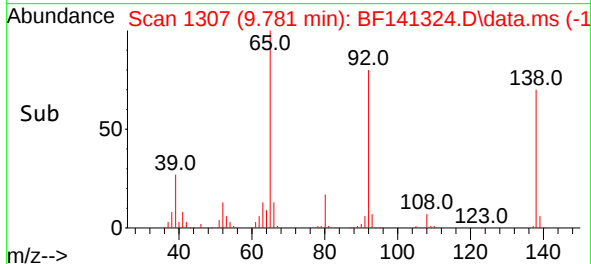
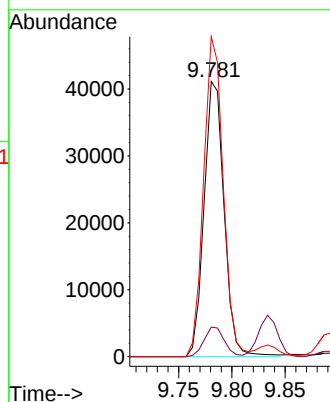
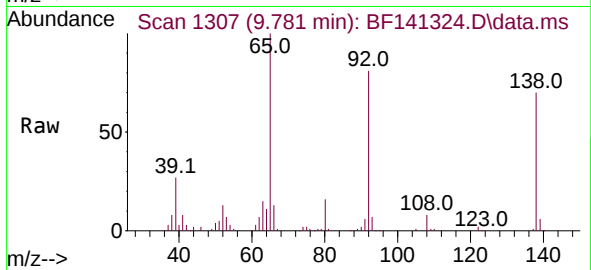
MDL-WATER-03-QT1-2025

Tgt Ion:138 Resp: 53898

Ion	Ratio	Lower	Upper
138	100		
108	10.7	8.6	12.8
92	116.3	91.0	136.6

Manual Integrations
APPROVED

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



#54

2,4-Dinitrophenol

Concen: 6.329 ng

RT: 9.892 min Scan# 1326

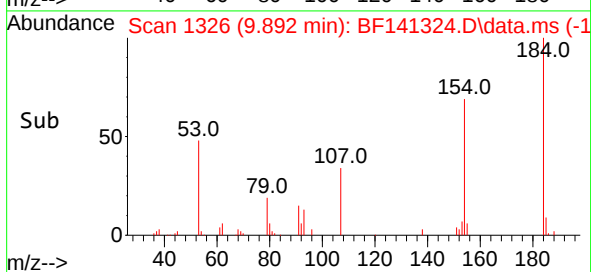
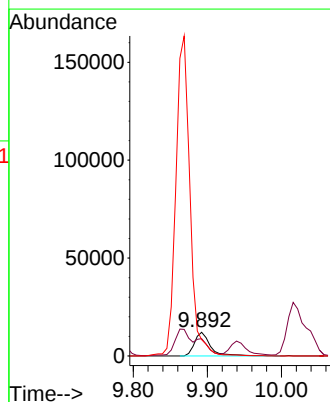
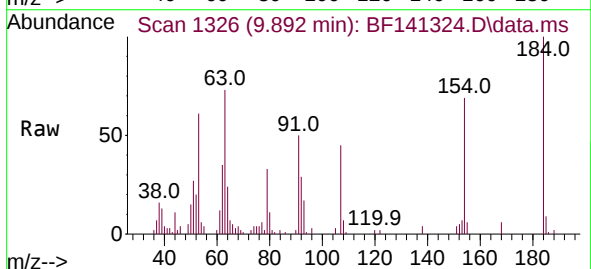
Delta R.T. -0.012 min

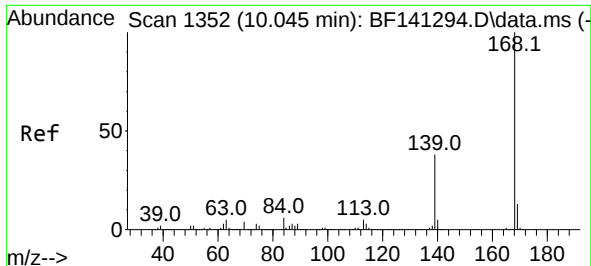
Lab File: BF141324.D

Acq: 31 Jan 2025 11:35

Tgt Ion:184 Resp: 18021

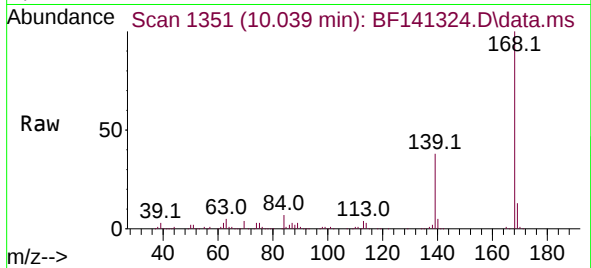
Ion	Ratio	Lower	Upper
184	100		
63	72.5	54.1	81.1
154	68.8	50.7	76.1





#55
Dibenzenofuran
Concen: 9.287 ng
RT: 10.039 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF141324.D
Acq: 31 Jan 2025 11:35

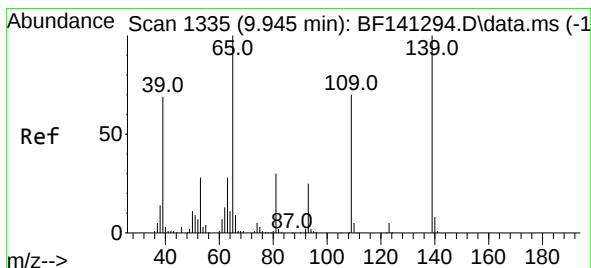
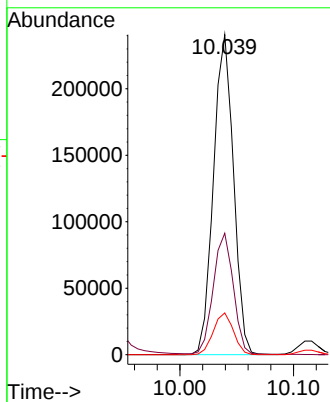
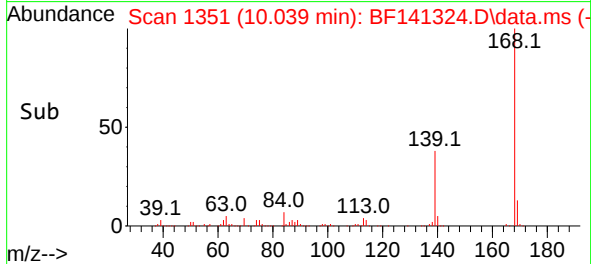
Instrument : BNA_F
ClientSampleId : MDL-WATER-03-QT1-2025



Tgt Ion:168 Resp: 29515
Ion Ratio Lower Upper
168 100
139 38.0 30.6 46.0
169 13.0 10.8 16.2

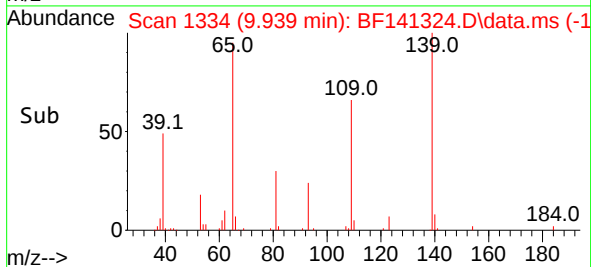
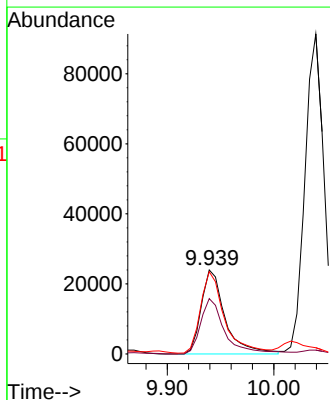
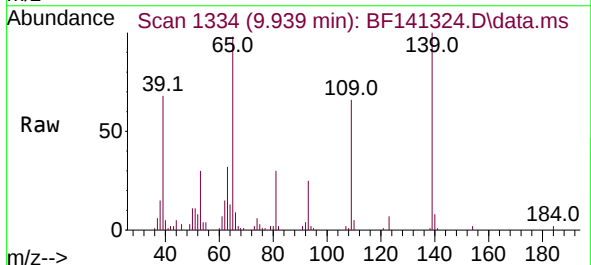
Manual Integrations
APPROVED

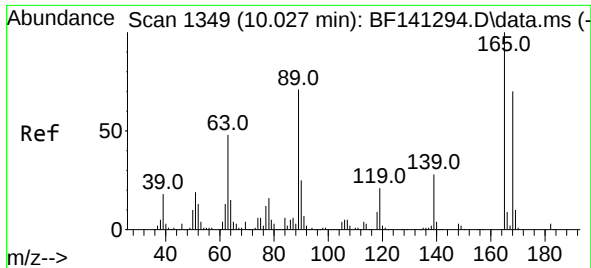
Reviewed By :Jagrut Upadhyay 02/03/2025
Supervised By :mohammad ahmed 02/04/2025



#56
4-Nitrophenol
Concen: 8.531 ng
RT: 9.939 min Scan# 1334
Delta R.T. -0.018 min
Lab File: BF141324.D
Acq: 31 Jan 2025 11:35

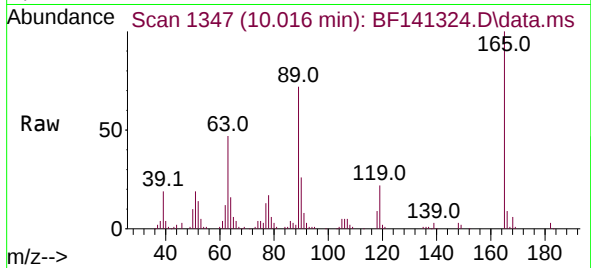
Tgt Ion:139 Resp: 37455
Ion Ratio Lower Upper
139 100
109 66.0 50.2 90.2
65 97.9 80.6 120.6





#57
2,4-Dinitrotoluene
Concen: 9.143 ng
RT: 10.016 min Scan# 1409
Delta R.T. -0.018 min
Lab File: BF141324.D
Acq: 31 Jan 2025 11:35

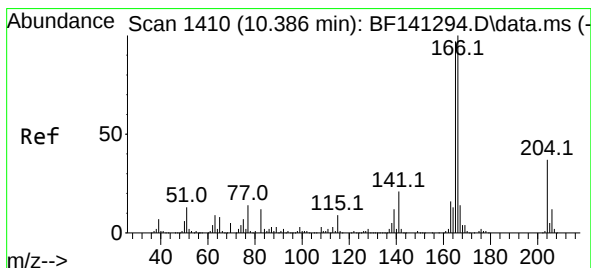
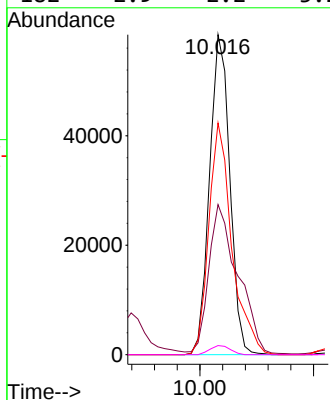
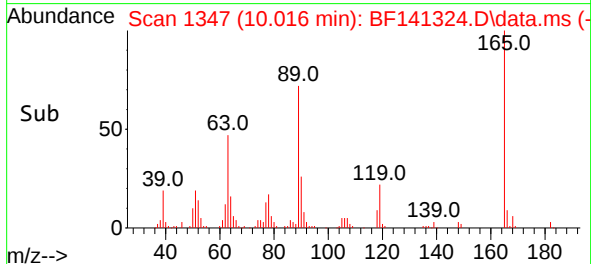
Instrument :
BNA_F
ClientSampleId :
MDL-WATER-03-QT1-2025



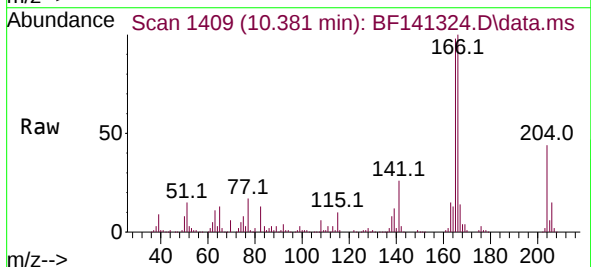
Tgt Ion:165 Resp: 7251
Ion Ratio Lower Upper
165 100
63 46.9 39.2 58.8
89 72.4 56.9 85.3
182 2.9 2.2 3.2

Manual Integrations
APPROVED

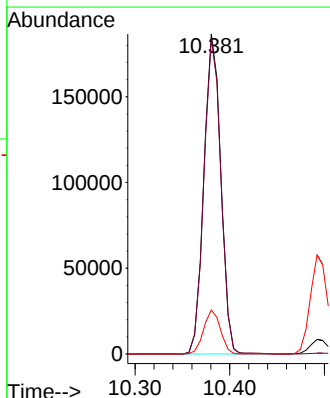
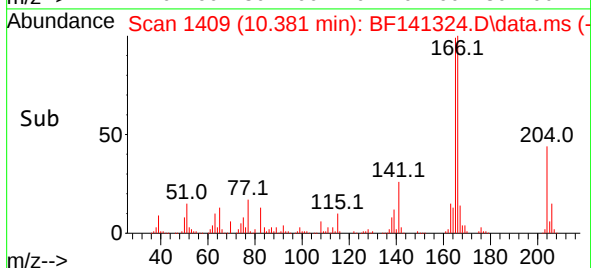
Reviewed By :Jagrut Upadhyay 02/03/2025
Supervised By :mohammad ahmed 02/04/2025

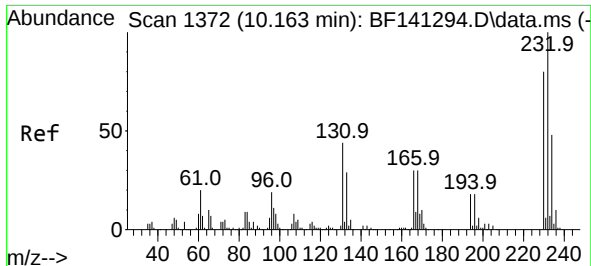


#58
Fluorene
Concen: 9.372 ng
RT: 10.381 min Scan# 1409
Delta R.T. -0.012 min
Lab File: BF141324.D
Acq: 31 Jan 2025 11:35



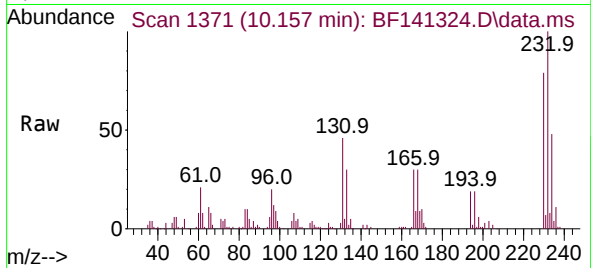
Tgt Ion:166 Resp: 231042
Ion Ratio Lower Upper
166 100
165 98.5 77.5 116.3
167 13.8 10.9 16.3





#59
2,3,4,6-Tetrachlorophenol
Concen: 9.177 ng
RT: 10.157 min Scan# 1371
Delta R.T. -0.006 min
Lab File: BF141324.D
Acq: 31 Jan 2025 11:35

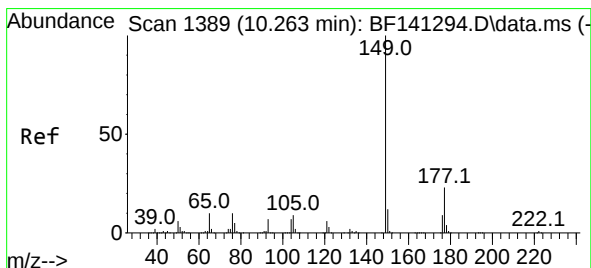
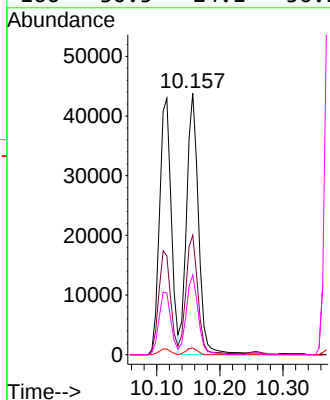
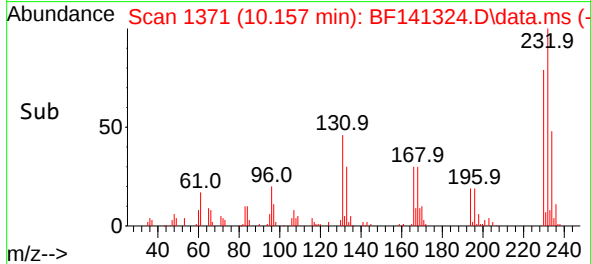
Instrument :
BNA_F
ClientSampleId :
MDL-WATER-03-QT1-2025



Tgt Ion:232 Resp: 57154
Ion Ratio Lower Upper
232 100
131 46.4 36.4 54.6
130 2.4 1.9 2.9
166 30.5 24.1 36.1

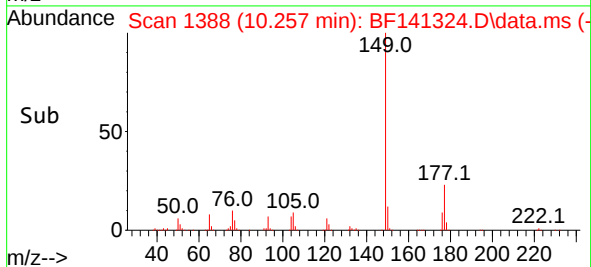
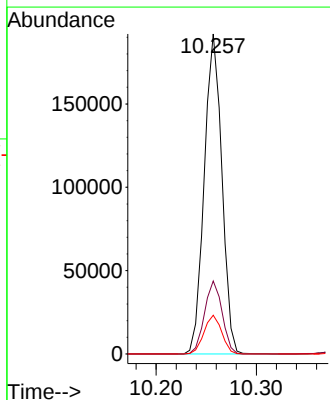
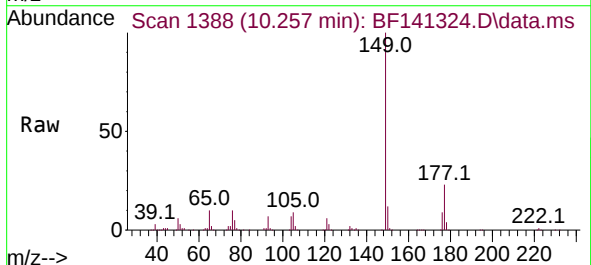
Manual Integrations
APPROVED

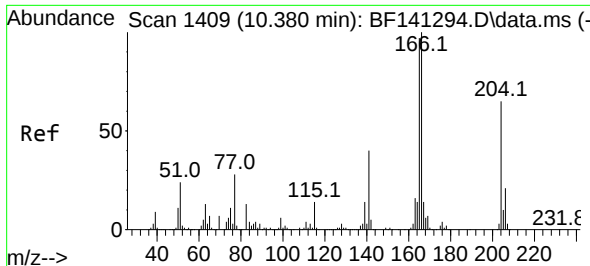
Reviewed By :Jagrut Upadhyay 02/03/2025
Supervised By :mohammad ahmed 02/04/2025



#60
Diethylphthalate
Concen: 9.193 ng
RT: 10.257 min Scan# 1388
Delta R.T. -0.012 min
Lab File: BF141324.D
Acq: 31 Jan 2025 11:35

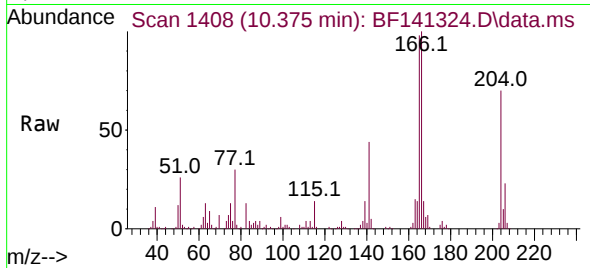
Tgt Ion:149 Resp: 235155
Ion Ratio Lower Upper
149 100
177 22.8 18.5 27.7
150 12.1 10.0 15.0





#61
4-Chlorophenyl-phenylether
Concen: 9.287 ng
RT: 10.375 min Scan# 1409
Delta R.T. -0.006 min
Lab File: BF141324.D
Acq: 31 Jan 2025 11:35

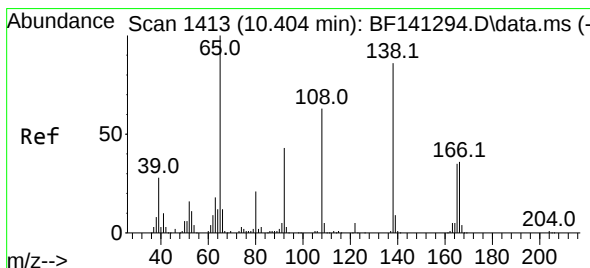
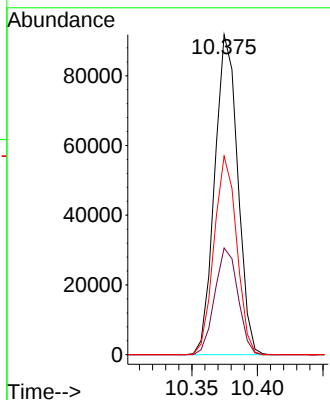
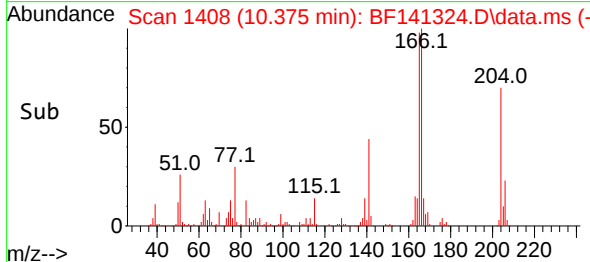
Instrument : BNA_F
ClientSampleId : MDL-WATER-03-QT1-2025



Tgt Ion:204 Resp: 111835
Ion Ratio Lower Upper
204 100
206 33.3 25.9 38.9
141 62.1 49.5 74.3

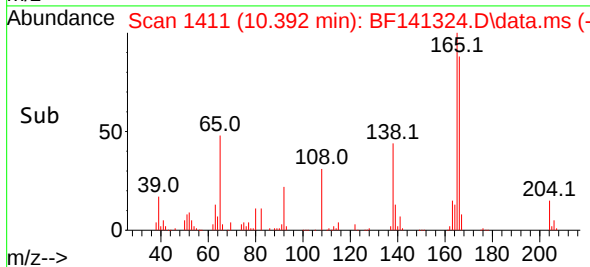
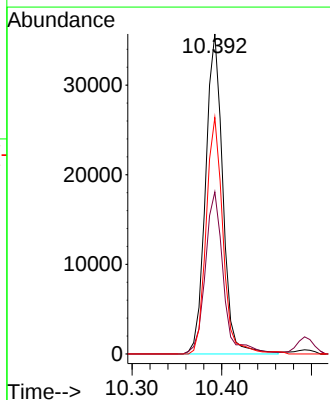
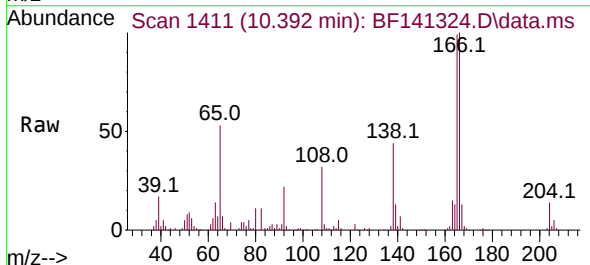
Manual Integrations
APPROVED

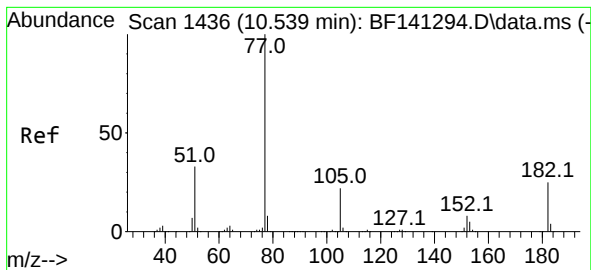
Reviewed By :Jagrut Upadhyay 02/03/2025
Supervised By :mohammad ahmed 02/04/2025



#62
4-Nitroaniline
Concen: 8.069 ng
RT: 10.392 min Scan# 1411
Delta R.T. -0.024 min
Lab File: BF141324.D
Acq: 31 Jan 2025 11:35

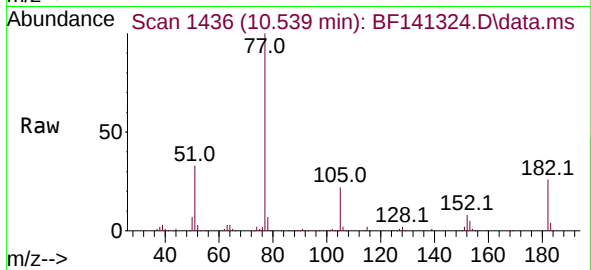
Tgt Ion:138 Resp: 47624
Ion Ratio Lower Upper
138 100
92 50.6 30.1 70.1
108 73.9 53.1 93.1





#63
Azobenzene
Concen: 9.334 ng
RT: 10.539 min Scan# 1436
Delta R.T. -0.006 min
Lab File: BF141324.D
Acq: 31 Jan 2025 11:35

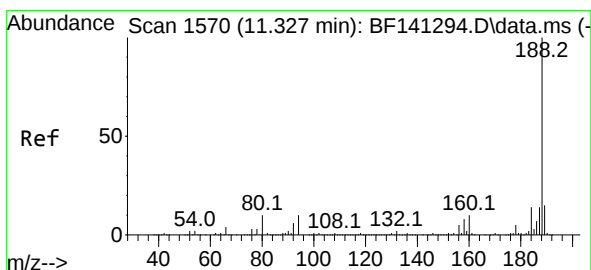
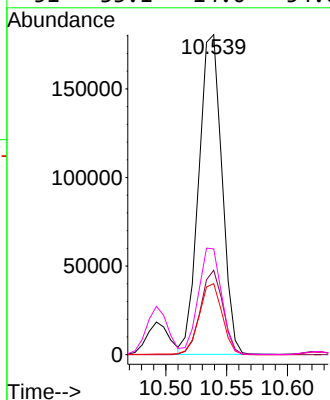
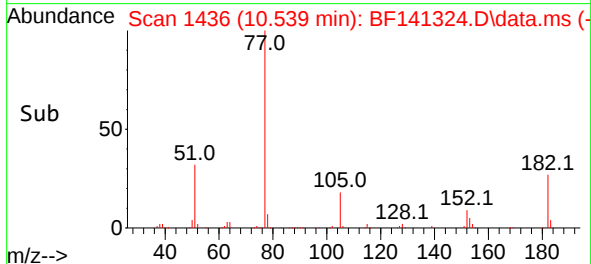
Instrument : BNA_F
ClientSampleId : MDL-WATER-03-QT1-2025



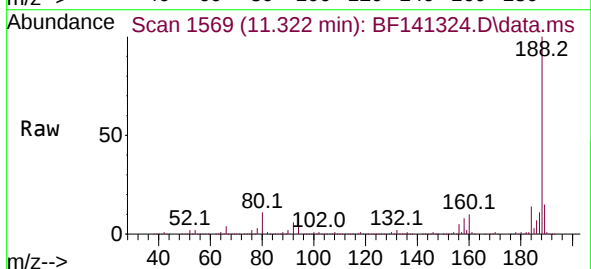
Tgt Ion: 77 Resp: 23898
Ion Ratio Lower Upper
77 100
182 26.4 5.1 45.1
105 22.2 1.8 41.8
51 33.1 14.0 54.0

Manual Integrations
APPROVED

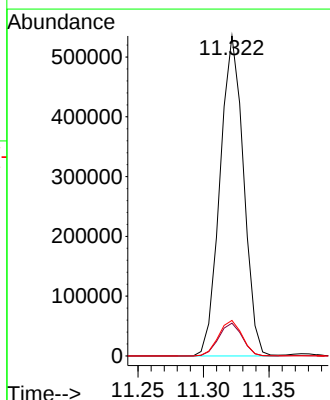
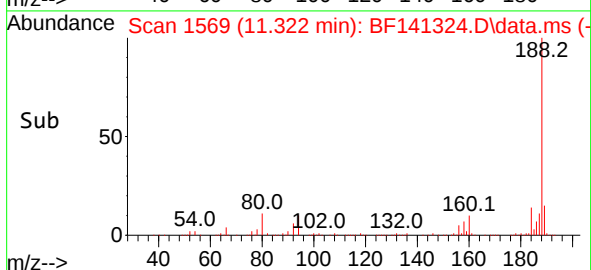
Reviewed By :Jagrut Upadhyay 02/03/2025
Supervised By :mohammad ahmed 02/04/2025

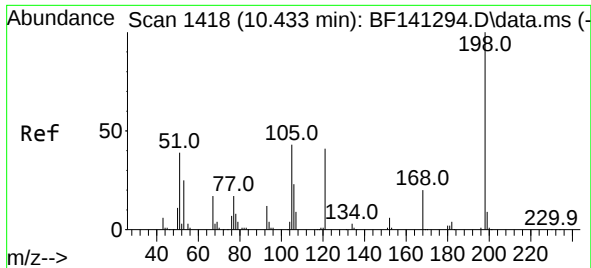


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.322 min Scan# 1569
Delta R.T. -0.006 min
Lab File: BF141324.D
Acq: 31 Jan 2025 11:35



Tgt Ion:188 Resp: 668753
Ion Ratio Lower Upper
188 100
94 10.3 7.8 11.6
80 11.1 8.2 12.4





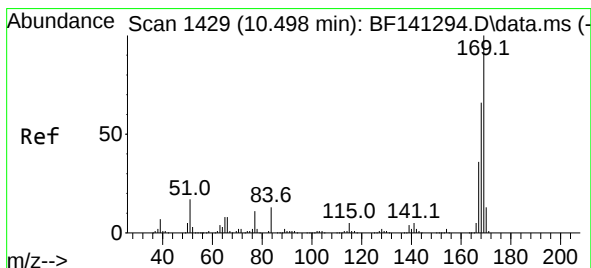
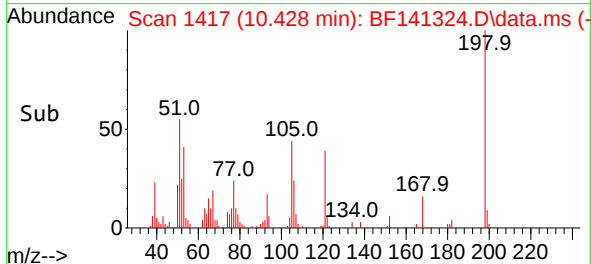
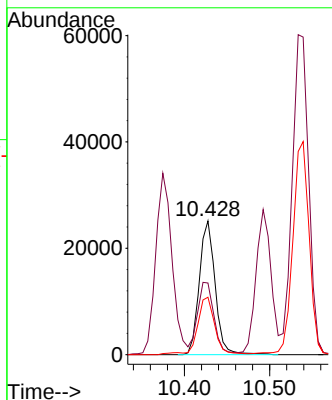
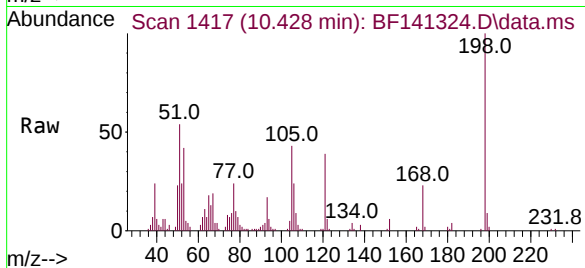
#65
4,6-Dinitro-2-methylphenol
Concen: 8.229 ng
RT: 10.428 min Scan# 1418
Delta R.T. -0.012 min
Lab File: BF141324.D
Acq: 31 Jan 2025 11:35

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

Tgt Ion:198 Resp: 32552
Ion Ratio Lower Upper
198 100
51 53.6 33.4 73.4
105 43.0 24.4 64.4

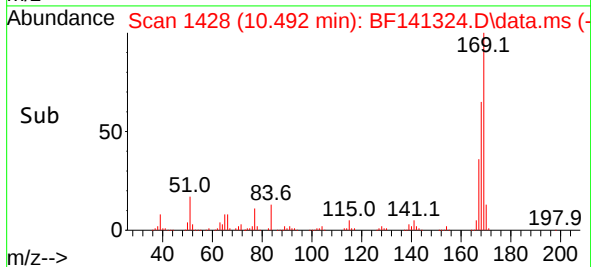
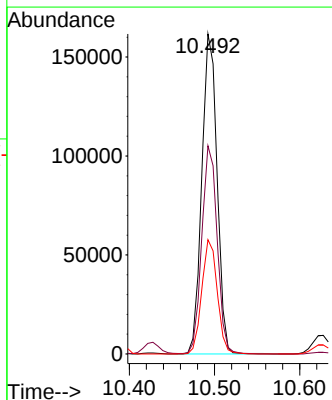
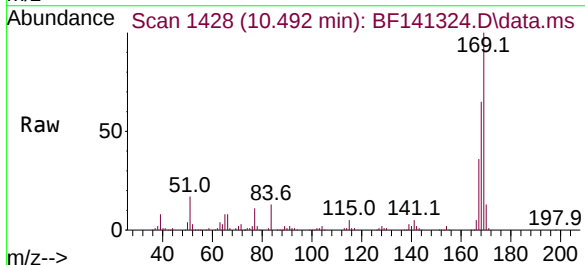
Manual Integrations
APPROVED

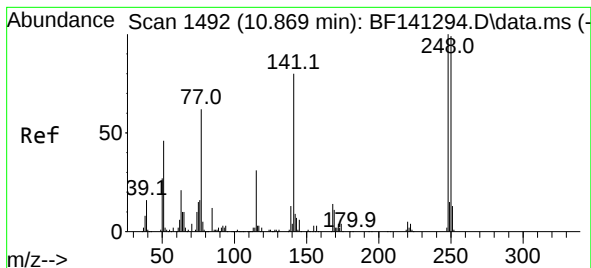
Reviewed By :Jagrut Upadhyay 02/03/2025
Supervised By :mohammad ahmed 02/04/2025



#66
n-Nitrosodiphenylamine
Concen: 9.285 ng
RT: 10.492 min Scan# 1428
Delta R.T. -0.012 min
Lab File: BF141324.D
Acq: 31 Jan 2025 11:35

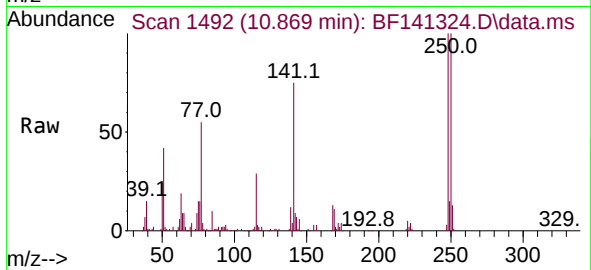
Tgt Ion:169 Resp: 200841
Ion Ratio Lower Upper
169 100
168 65.1 53.0 79.4
167 35.7 28.8 43.2





#67
4-Bromophenyl-phenylether
Concen: 8.915 ng
RT: 10.869 min Scan# 1492
Delta R.T. -0.006 min
Lab File: BF141324.D
Acq: 31 Jan 2025 11:35

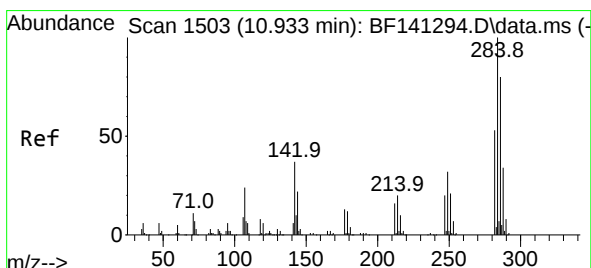
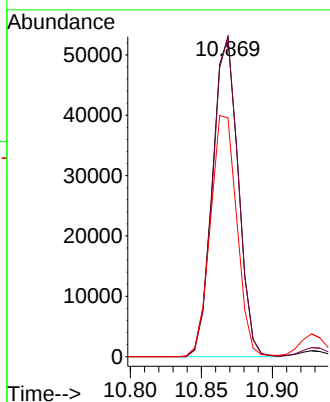
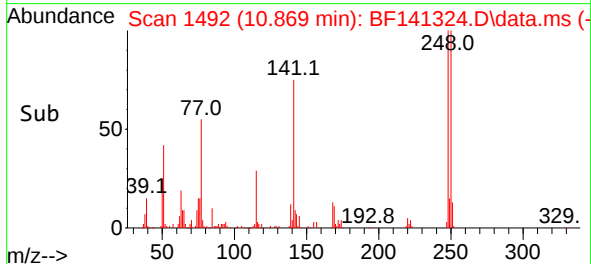
Instrument :
BNA_F
ClientSampleId :
MDL-WATER-03-QT1-2025



Tgt Ion:248 Resp: 66740
Ion Ratio Lower Upper
248 100
250 100.1 79.0 118.4
141 74.7 63.7 95.5

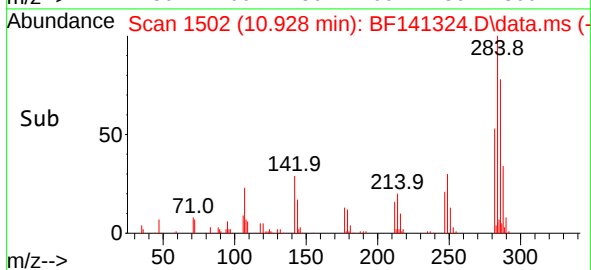
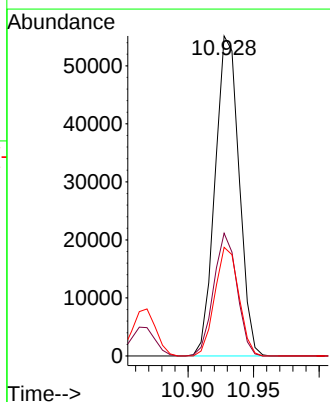
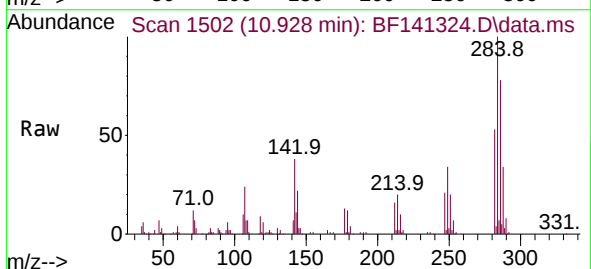
Manual Integrations
APPROVED

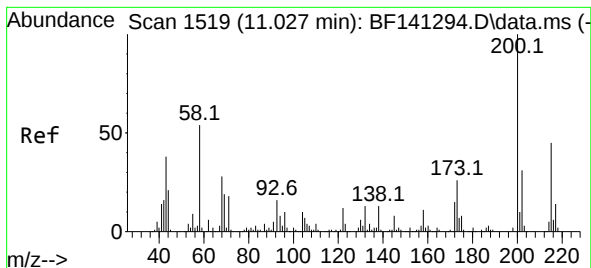
Reviewed By :Jagrut Upadhyay 02/03/2025
Supervised By :mohammad ahmed 02/04/2025



#68
Hexachlorobenzene
Concen: 8.816 ng
RT: 10.928 min Scan# 1502
Delta R.T. -0.012 min
Lab File: BF141324.D
Acq: 31 Jan 2025 11:35

Tgt Ion:284 Resp: 70013
Ion Ratio Lower Upper
284 100
142 38.4 29.5 44.3
249 34.0 25.4 38.2





#69

Atrazine

Concen: 9.137 ng

RT: 11.022 min Scan# 1519

Delta R.T. -0.012 min

Lab File: BF141324.D

Acq: 31 Jan 2025 11:35

Instrument :

BNA_F

ClientSampleId :

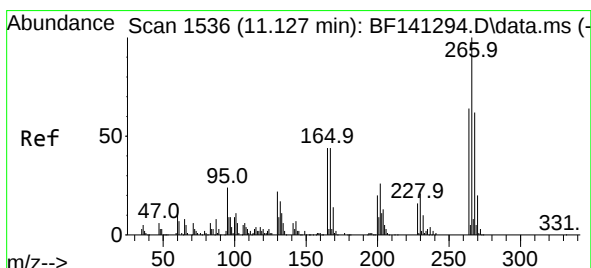
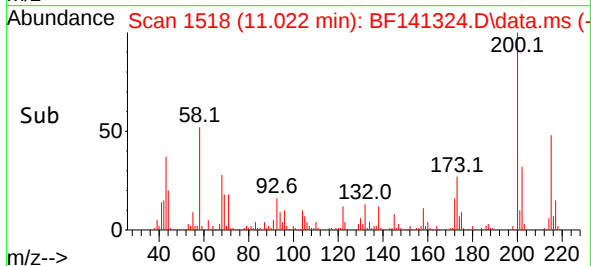
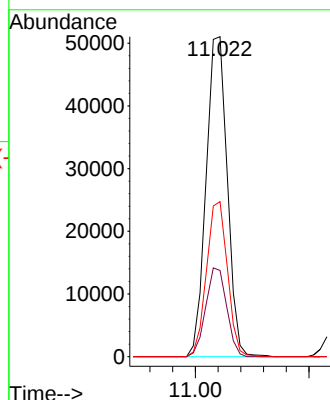
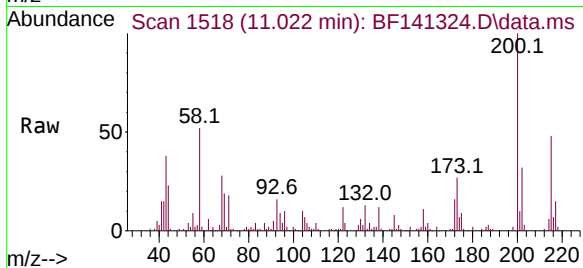
MDL-WATER-03-QT1-2025

Tgt Ion:200 Resp: 6608
 Ion Ratio Lower Upper
 200 100
 173 27.0 5.9 45.9
 215 48.5 25.2 65.2

Manual Integrations

APPROVED

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



#70

Pentachlorophenol

Concen: 8.270 ng

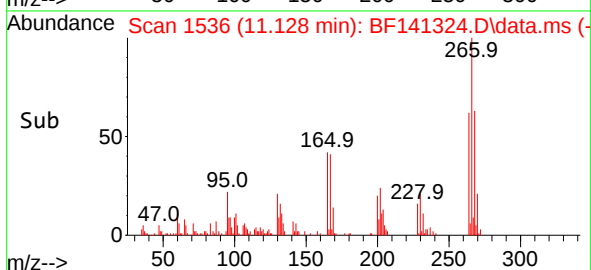
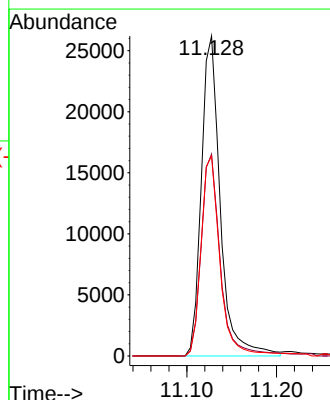
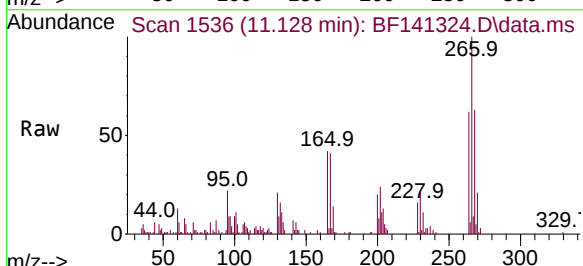
RT: 11.128 min Scan# 1536

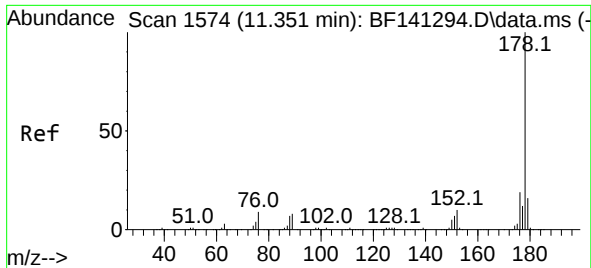
Delta R.T. -0.006 min

Lab File: BF141324.D

Acq: 31 Jan 2025 11:35

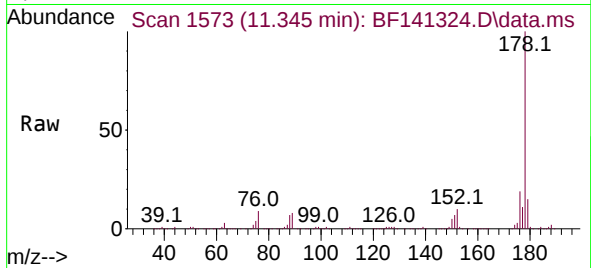
Tgt Ion:266 Resp: 38462
 Ion Ratio Lower Upper
 266 100
 268 63.1 49.9 74.9
 264 62.4 51.0 76.4





#71
Phenanthrene
Concen: 9.646 ng
RT: 11.345 min Scan# 1573
Delta R.T. -0.006 min
Lab File: BF141324.D
Acq: 31 Jan 2025 11:35

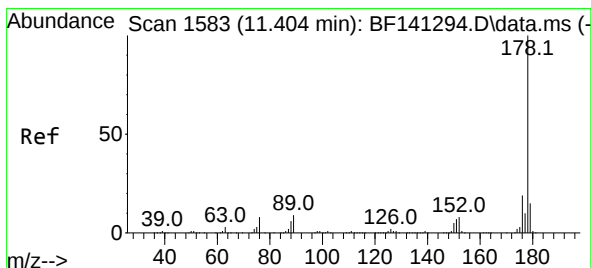
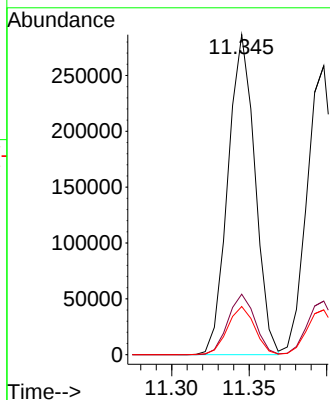
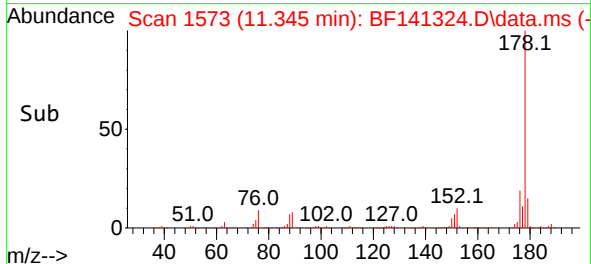
Instrument : BNA_F
ClientSampleId : MDL-WATER-03-QT1-2025



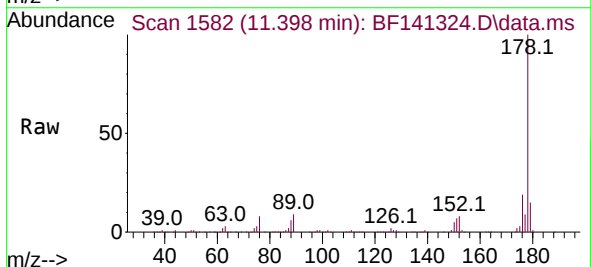
Tgt Ion:178 Resp: 346750
Ion Ratio Lower Upper
178 100
176 18.9 15.3 22.9
179 15.1 12.5 18.7

Manual Integrations
APPROVED

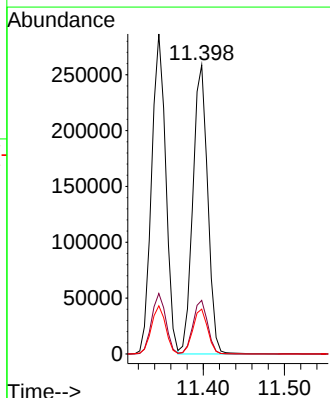
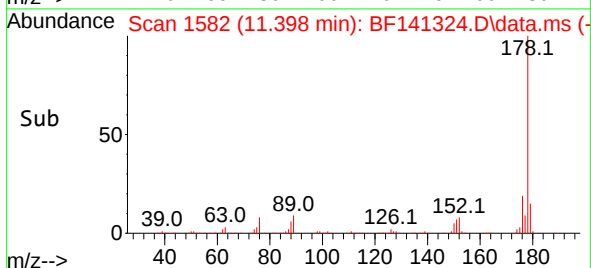
Reviewed By :Jagrut Upadhyay 02/03/2025
Supervised By :mohammad ahmed 02/04/2025

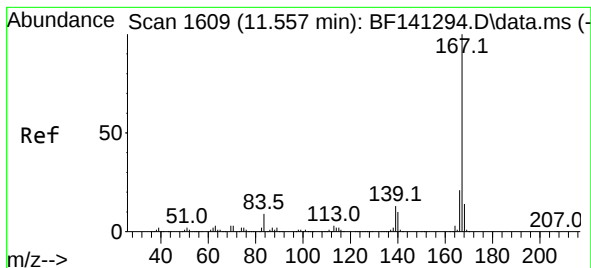


#72
Anthracene
Concen: 9.350 ng
RT: 11.398 min Scan# 1582
Delta R.T. -0.006 min
Lab File: BF141324.D
Acq: 31 Jan 2025 11:35



Tgt Ion:178 Resp: 329348
Ion Ratio Lower Upper
178 100
176 18.5 15.0 22.6
179 15.5 12.3 18.5





#73

Carbazole

Concen: 9.303 ng

RT: 11.551 min Scan# 1608

Delta R.T. -0.006 min

Lab File: BF141324.D

Acq: 31 Jan 2025 11:35

Instrument :

BNA_F

ClientSampleId :

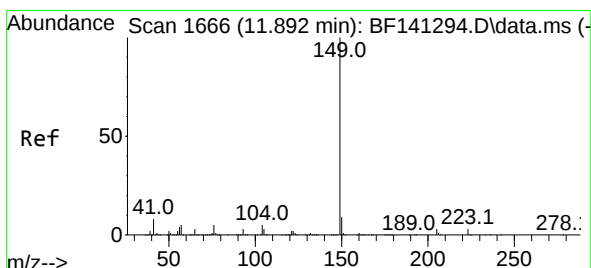
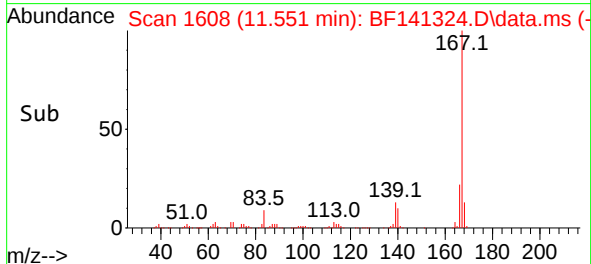
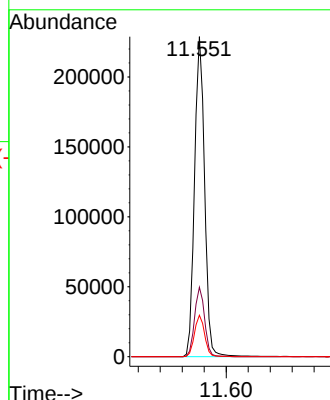
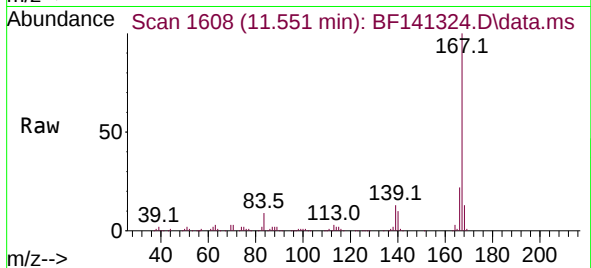
MDL-WATER-03-QT1-2025

Tgt Ion:167 Resp: 290574
 Ion Ratio Lower Upper
 167 100
 166 21.7 17.0 25.6
 139 13.0 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: 9.793 ng

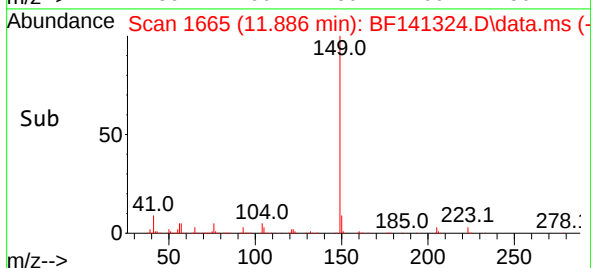
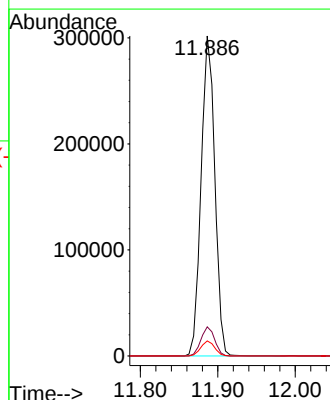
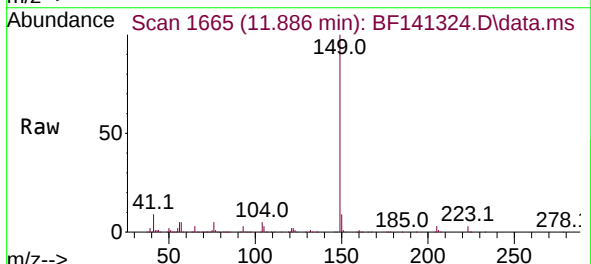
RT: 11.886 min Scan# 1665

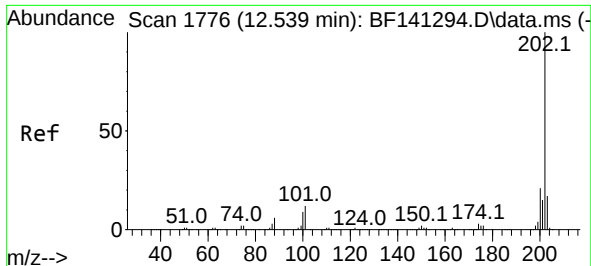
Delta R.T. -0.006 min

Lab File: BF141324.D

Acq: 31 Jan 2025 11:35

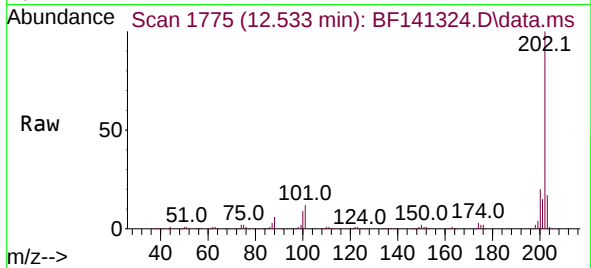
Tgt Ion:149 Resp: 370662
 Ion Ratio Lower Upper
 149 100
 150 9.1 7.4 11.2
 104 4.7 3.9 5.9





#75
Fluoranthene
Concen: 9.838 ng
RT: 12.533 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF141324.D
Acq: 31 Jan 2025 11:35

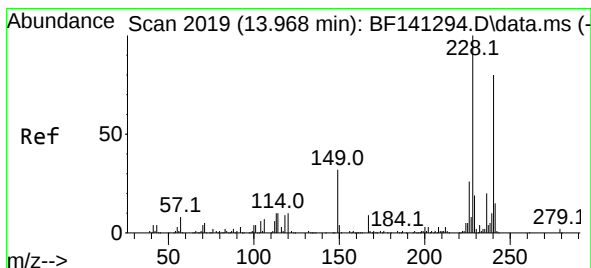
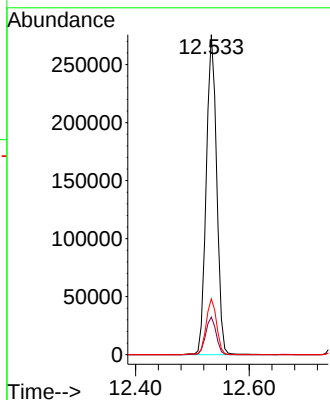
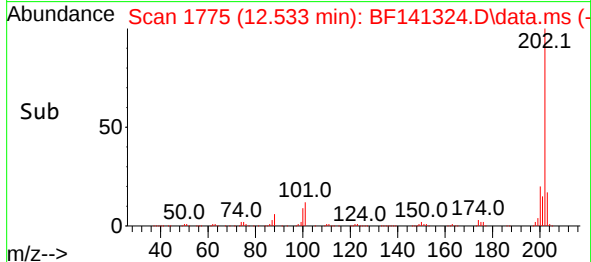
Instrument :
BNA_F
ClientSampleId :
MDL-WATER-03-QT1-2025



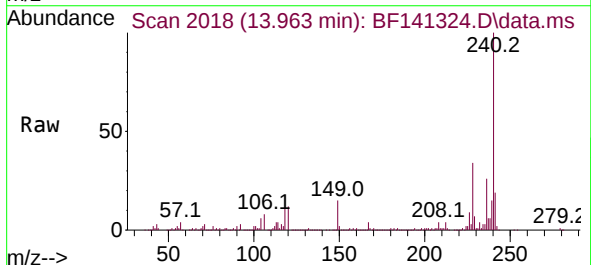
Tgt Ion:202 Resp: 349208
Ion Ratio Lower Upper
202 100
101 11.7 0.0 31.7
203 17.5 0.0 37.5

Manual Integrations
APPROVED

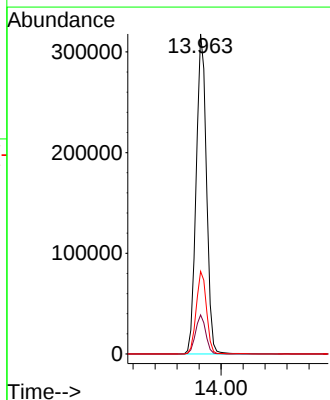
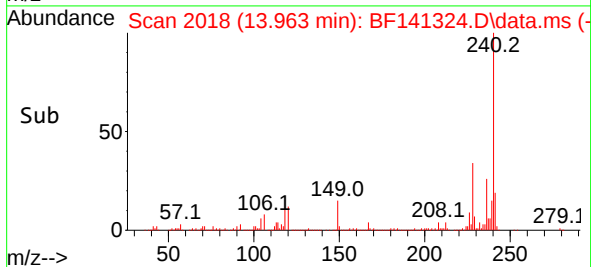
Reviewed By :Jagrut Upadhyay 02/03/2025
Supervised By :mohammad ahmed 02/04/2025

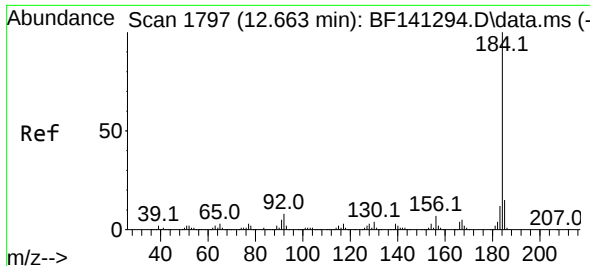


#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.963 min Scan# 2018
Delta R.T. -0.012 min
Lab File: BF141324.D
Acq: 31 Jan 2025 11:35



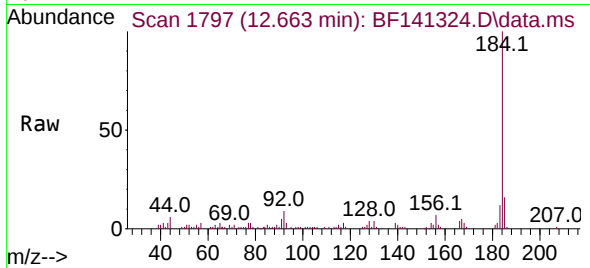
Tgt Ion:240 Resp: 413173
Ion Ratio Lower Upper
240 100
120 12.2 10.0 15.0
236 25.8 19.7 29.5





#77
Benzidine
Concen: 4.060 ng
RT: 12.663 min Scan# 11
Delta R.T. -0.000 min
Lab File: BF141324.D
Acq: 31 Jan 2025 11:35

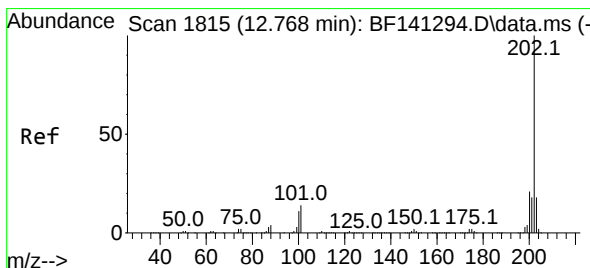
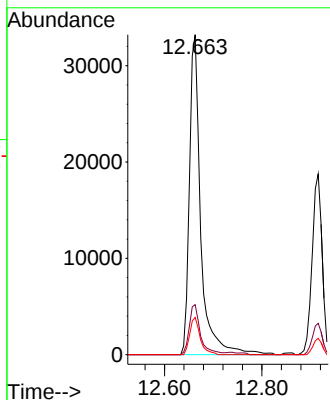
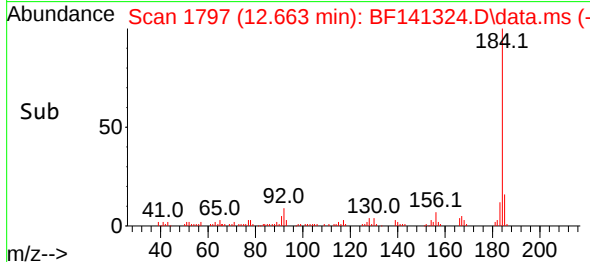
Instrument : BNA_F
ClientSampleId : MDL-WATER-03-QT1-2025



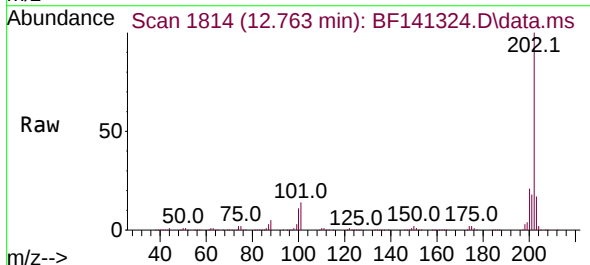
Tgt Ion:184 Resp: 53784
Ion Ratio Lower Upper
184 100
185 15.7 11.9 17.9
183 11.7 9.5 14.3

Manual Integrations
APPROVED

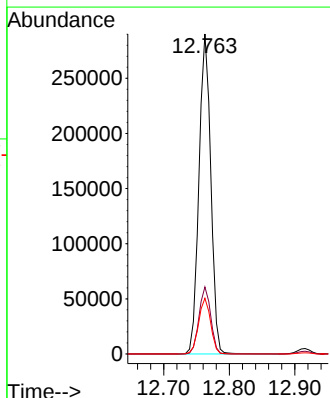
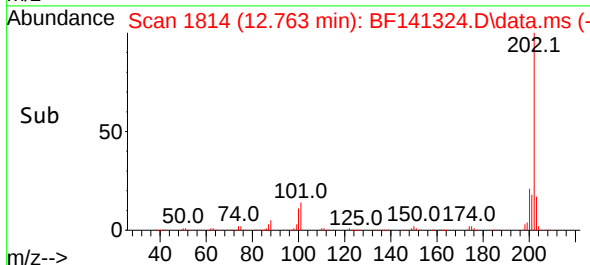
Reviewed By :Jagrut Upadhyay 02/03/2025
Supervised By :mohammad ahmed 02/04/2025

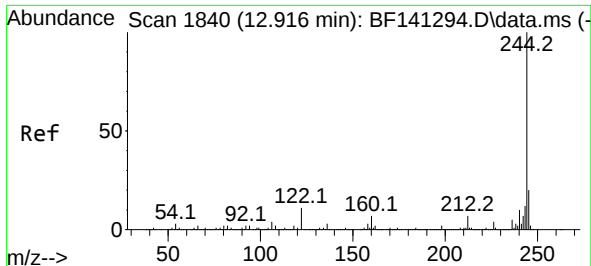


#78
Pyrene
Concen: 9.198 ng
RT: 12.763 min Scan# 1814
Delta R.T. -0.006 min
Lab File: BF141324.D
Acq: 31 Jan 2025 11:35



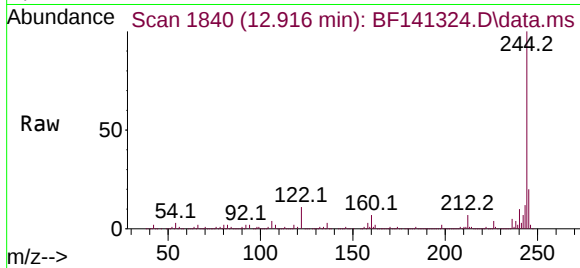
Tgt Ion:202 Resp: 364782
Ion Ratio Lower Upper
202 100
200 21.0 17.0 25.4
203 17.4 14.3 21.5





#79
 Terphenyl-d14
 Concen: 75.885 ng
 RT: 12.916 min Scan# 1840
 Delta R.T. -0.000 min
 Lab File: BF141324.D
 Acq: 31 Jan 2025 11:35

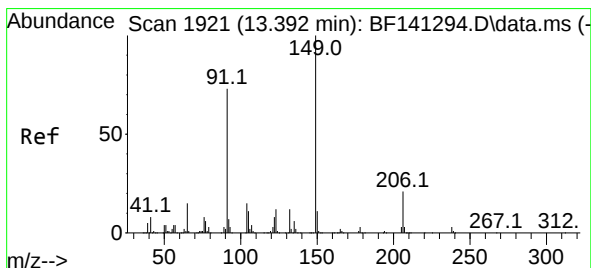
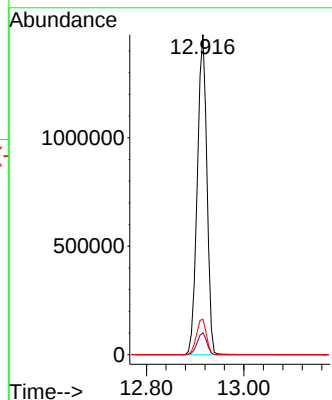
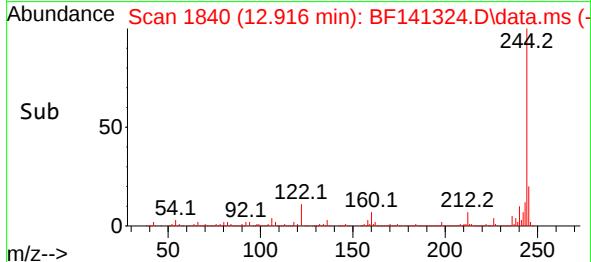
Instrument : BNA_F
 ClientSampleId :
 MDL-WATER-03-QT1-2025



Tgt Ion:244 Resp: 2033058
 Ion Ratio Lower Upper
 244 100
 212 6.8 5.4 8.0
 122 11.1 8.8 13.2

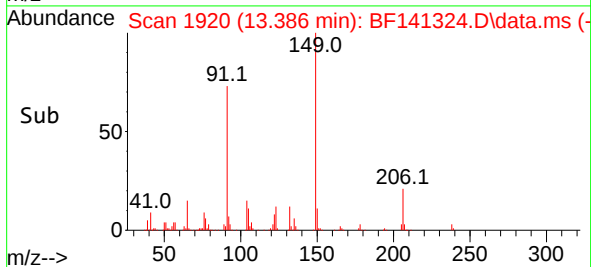
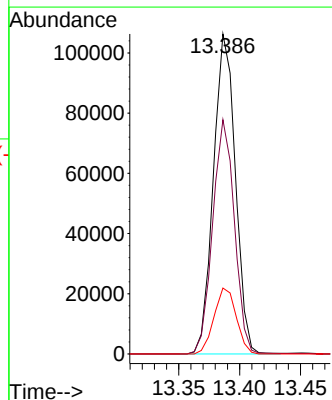
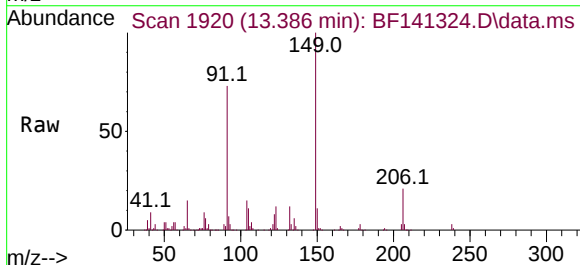
Manual Integrations
 APPROVED

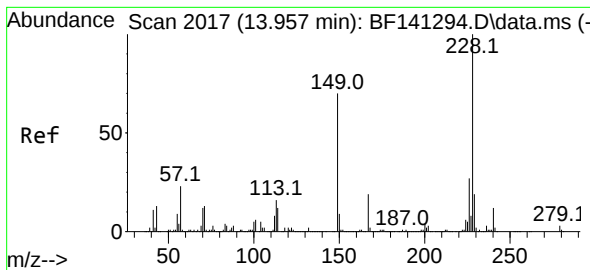
Reviewed By :Jagrut Upadhyay 02/03/2025
 Supervised By :mohammad ahmed 02/04/2025



#80
 Butylbenzylphthalate
 Concen: 9.613 ng
 RT: 13.386 min Scan# 1920
 Delta R.T. -0.006 min
 Lab File: BF141324.D
 Acq: 31 Jan 2025 11:35

Tgt Ion:149 Resp: 133192
 Ion Ratio Lower Upper
 149 100
 91 73.2 58.6 87.8
 206 20.6 16.7 25.1





#81

Benzo(a)anthracene

Concen: 8.694 ng

RT: 13.951 min Scan# 2016

Delta R.T. -0.012 min

Lab File: BF141324.D

Acq: 31 Jan 2025 11:35

Instrument :

BNA_F

ClientSampleId :

MDL-WATER-03-QT1-2025

Tgt Ion:228 Resp: 247879

Ion Ratio Lower Upper

228 100

226 26.3 21.4 32.2

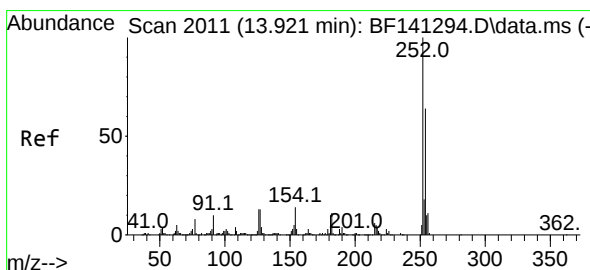
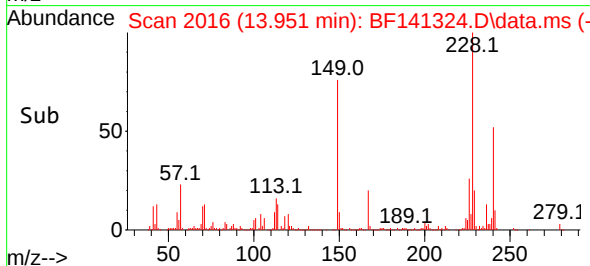
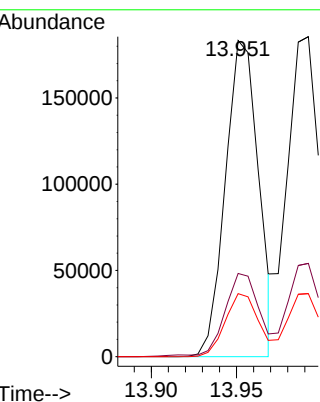
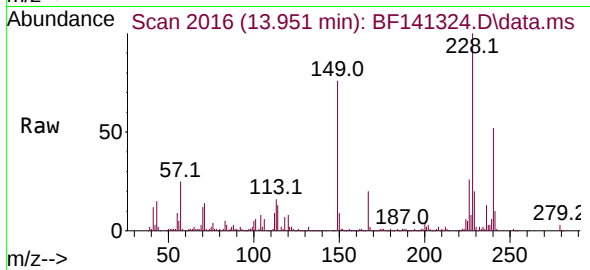
229 19.9 15.5 23.3

Manual Integrations

APPROVED

Reviewed By :Jagrut Upadhyay 02/03/2025

Supervised By :mohammad ahmed 02/04/2025



#82

3,3'-Dichlorobenzidine

Concen: 8.208 ng

RT: 13.916 min Scan# 2010

Delta R.T. -0.012 min

Lab File: BF141324.D

Acq: 31 Jan 2025 11:35

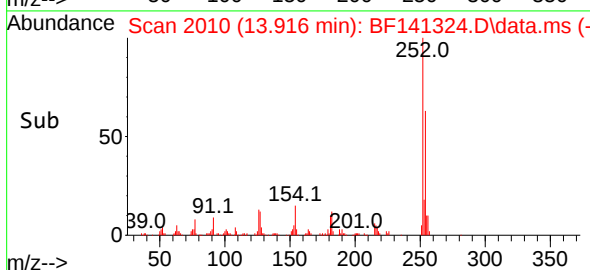
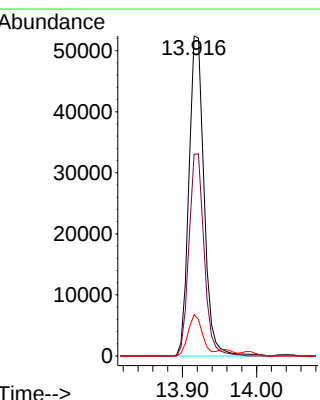
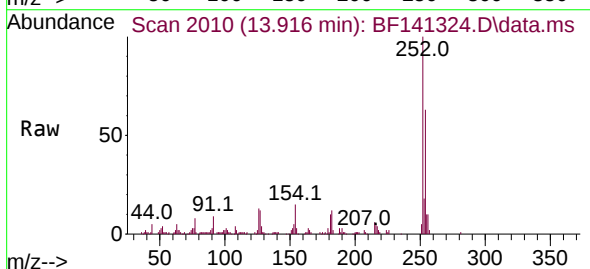
Tgt Ion:252 Resp: 74428

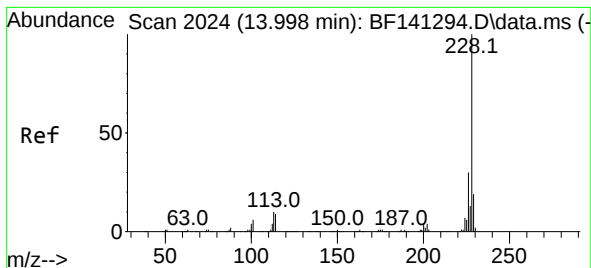
Ion Ratio Lower Upper

252 100

254 63.1 51.3 76.9

126 12.9 10.0 15.0





#83

Chrysene

Concen: 9.604 ng

RT: 13.992 min Scan# 2016

Delta R.T. -0.006 min

Lab File: BF141324.D

Acq: 31 Jan 2025 11:35

Instrument :

BNA_F

ClientSampleId :

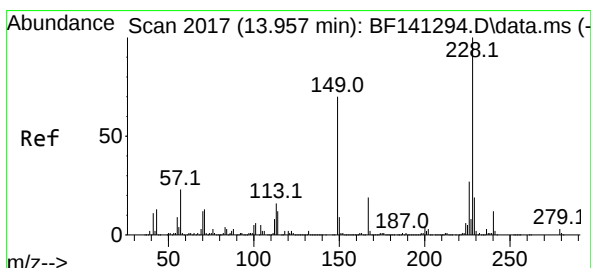
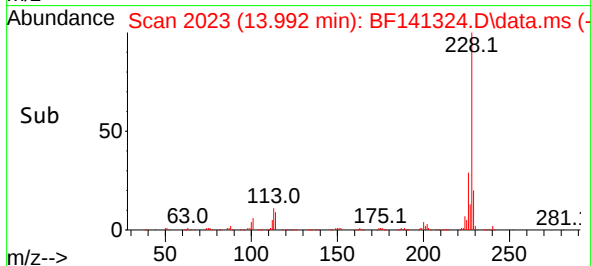
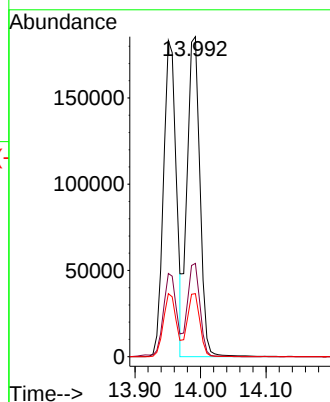
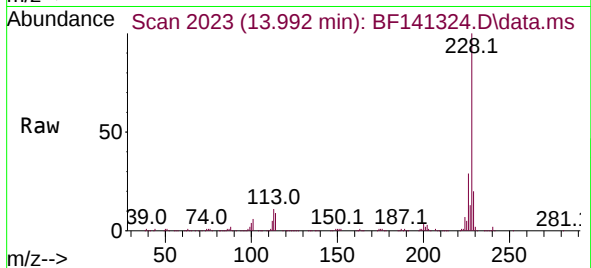
MDL-WATER-03-QT1-2025

Tgt Ion:228	Resp: 25095
Ion Ratio	Lower Upper
228 100	
226 29.1	24.1 36.1
229 19.7	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: 9.998 ng

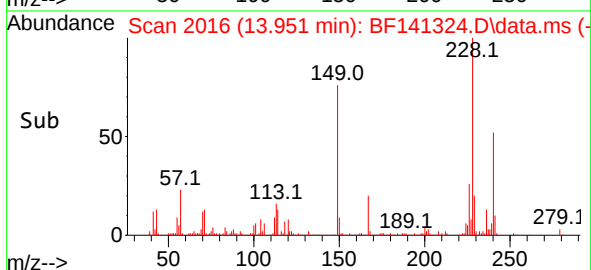
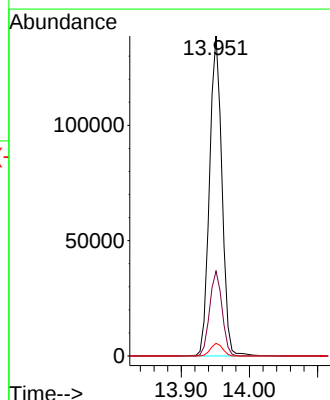
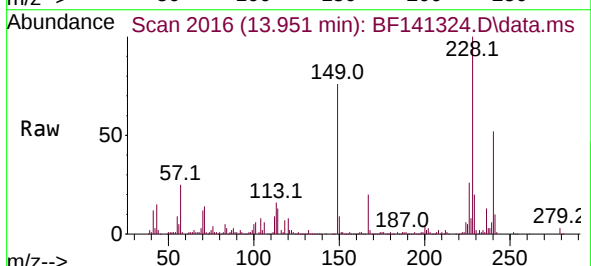
RT: 13.951 min Scan# 2016

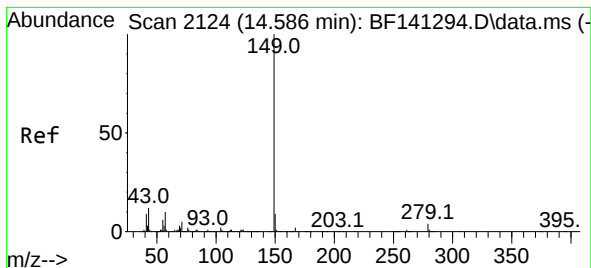
Delta R.T. -0.006 min

Lab File: BF141324.D

Acq: 31 Jan 2025 11:35

Tgt Ion:149	Resp: 175735
Ion Ratio	Lower Upper
149 100	
167 26.5	21.8 32.8
279 4.0	3.3 4.9





#85

Di-n-octyl phthalate

Concen: 9.212 ng

RT: 14.574 min Scan# 2124

Delta R.T. -0.012 min

Lab File: BF141324.D

Acq: 31 Jan 2025 11:35

Instrument :

BNA_F

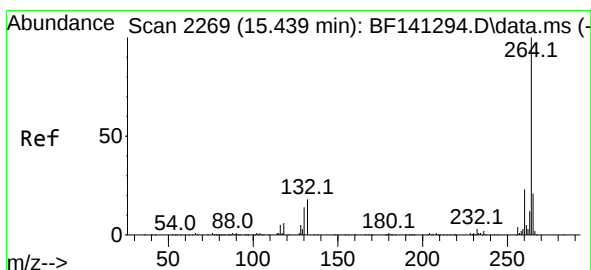
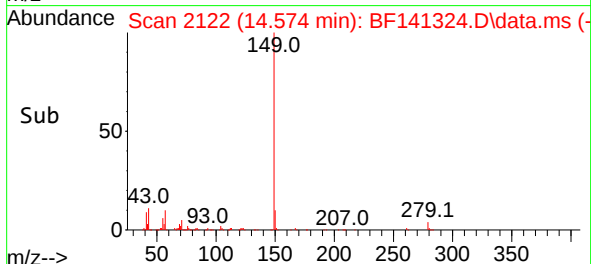
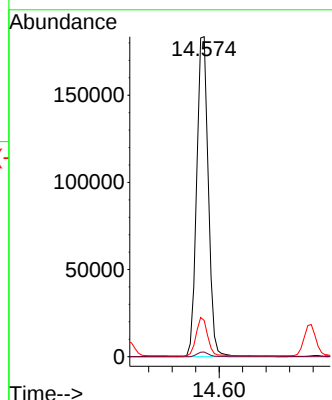
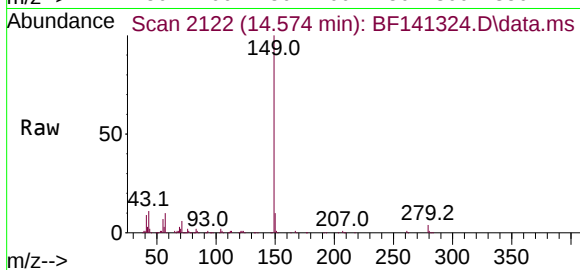
ClientSampleId :

MDL-WATER-03-QT1-2025

Tgt Ion:149 Resp: 251479
 Ion Ratio Lower Upper
 149 100
 167 1.5 1.3 1.9
 43 11.9 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

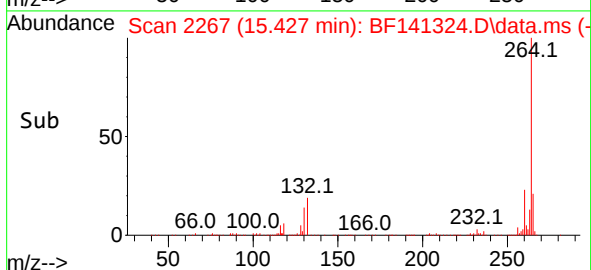
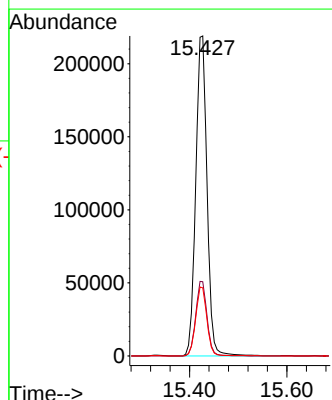
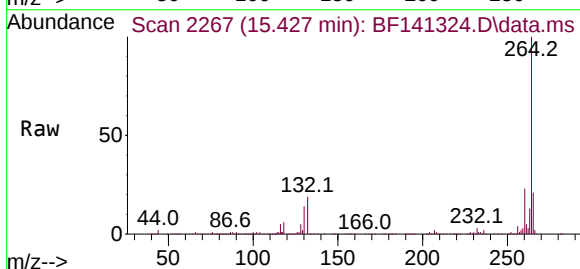
RT: 15.427 min Scan# 2267

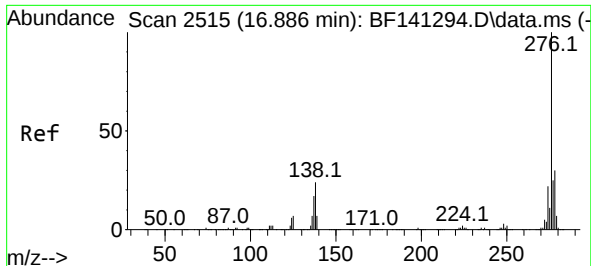
Delta R.T. -0.012 min

Lab File: BF141324.D

Acq: 31 Jan 2025 11:35

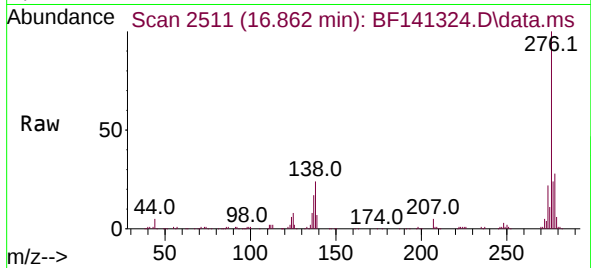
Tgt Ion:264 Resp: 355054
 Ion Ratio Lower Upper
 264 100
 260 23.2 18.6 27.8
 265 21.3 16.7 25.1





#87
 Indeno(1,2,3-cd)pyrene
 Concen: 8.943 ng
 RT: 16.862 min Scan# 2194
 Delta R.T. -0.035 min
 Lab File: BF141324.D
 Acq: 31 Jan 2025 11:35

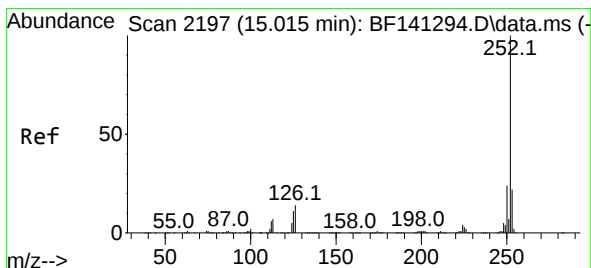
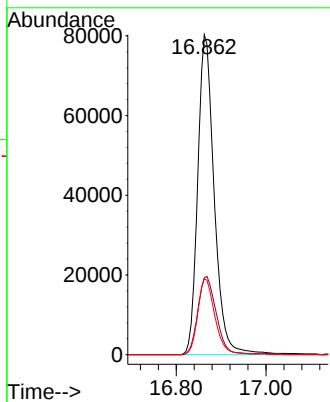
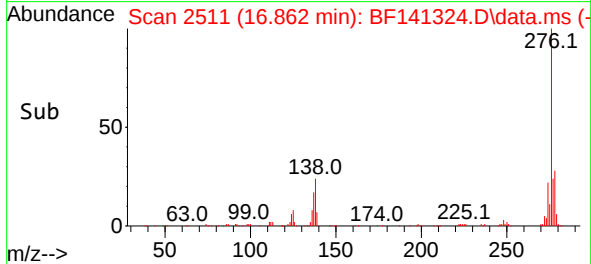
Instrument : BNA_F
 ClientSampleId : MDL-WATER-03-QT1-2025



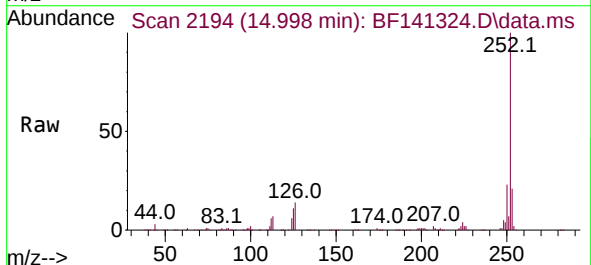
Tgt Ion:276 Resp: 204934
 Ion Ratio Lower Upper
 276 100
 138 27.2 21.7 32.5
 277 24.6 20.3 30.5

Manual Integrations
 APPROVED

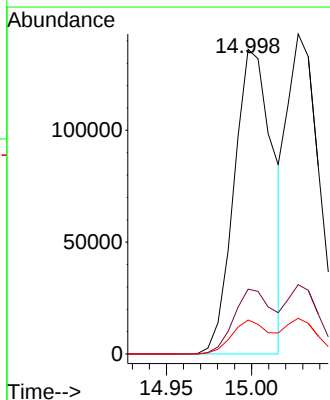
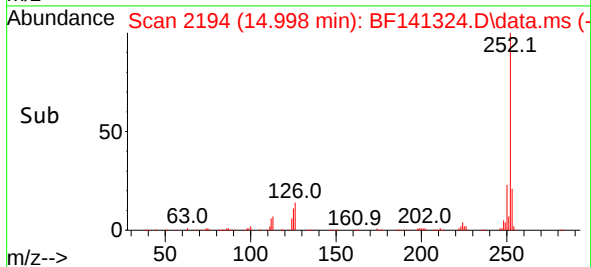
Reviewed By :Jagrut Upadhyay 02/03/2025
 Supervised By :mohammad ahmed 02/04/2025

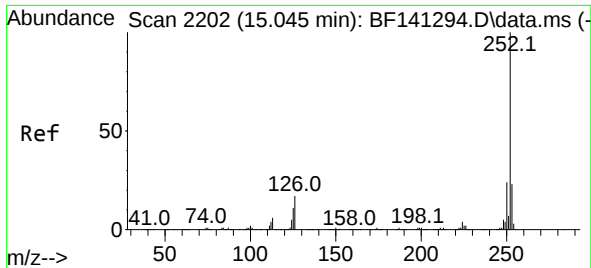


#88
 Benzo(b)fluoranthene
 Concen: 9.670 ng
 RT: 14.998 min Scan# 2194
 Delta R.T. -0.024 min
 Lab File: BF141324.D
 Acq: 31 Jan 2025 11:35



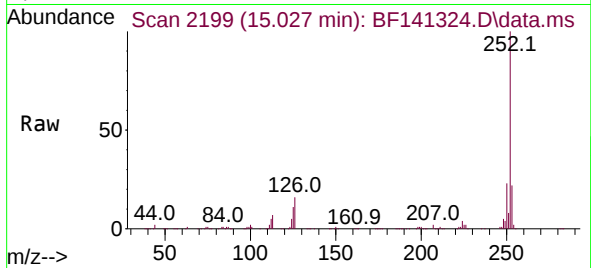
Tgt Ion:252 Resp: 215961
 Ion Ratio Lower Upper
 252 100
 253 21.3 17.4 26.2
 125 11.1 8.6 12.8





#89
Benzo(k)fluoranthene
Concen: 9.625 ng
RT: 15.027 min Scan# 2199
Delta R.T. -0.024 min
Lab File: BF141324.D
Acq: 31 Jan 2025 11:35

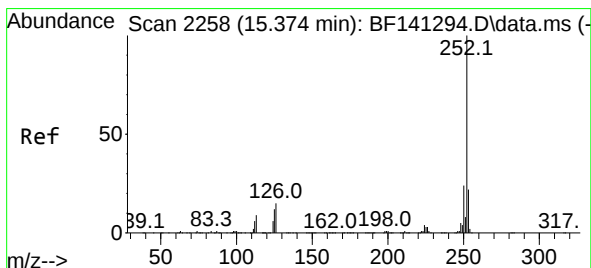
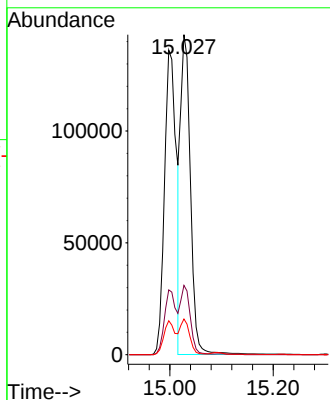
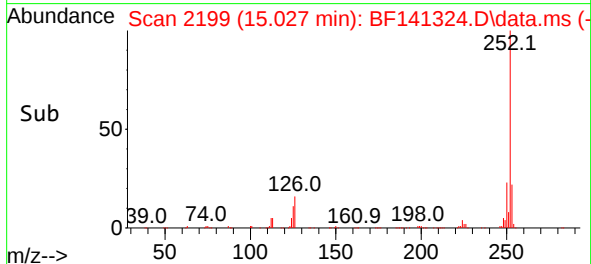
Instrument : BNA_F
ClientSampleId : MDL-WATER-03-QT1-2025



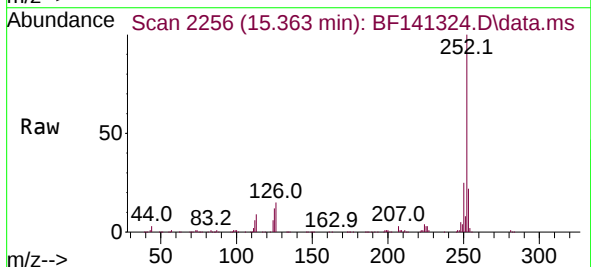
Tgt Ion:252 Resp: 190434
Ion Ratio Lower Upper
252 100
253 21.7 17.6 26.4
125 11.1 8.4 12.6

Manual Integrations
APPROVED

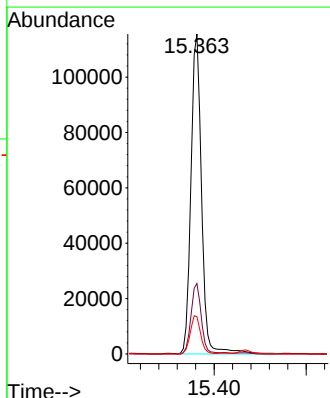
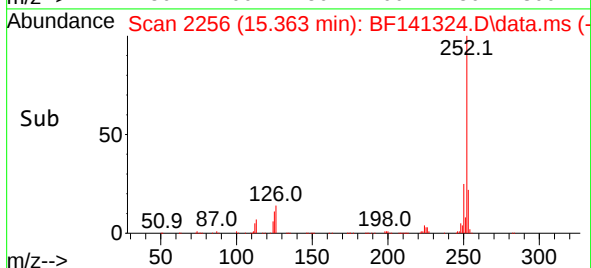
Reviewed By :Jagrut Upadhyay 02/03/2025
Supervised By :mohammad ahmed 02/04/2025

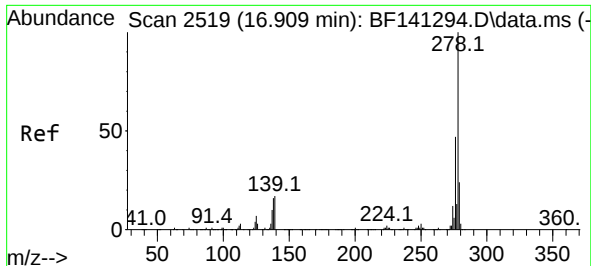


#90
Benzo(a)pyrene
Concen: 9.790 ng
RT: 15.363 min Scan# 2256
Delta R.T. -0.018 min
Lab File: BF141324.D
Acq: 31 Jan 2025 11:35



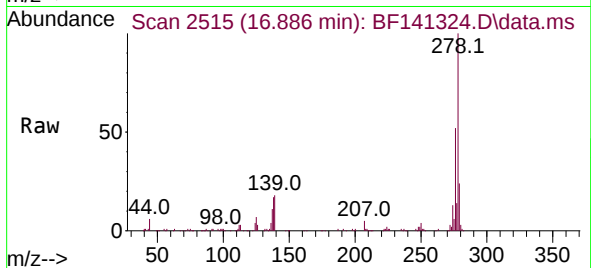
Tgt Ion:252 Resp: 184762
Ion Ratio Lower Upper
252 100
253 22.0 17.2 25.8
125 11.6 9.4 14.2





#91
Dibenzo(a,h)anthracene
Concen: 8.785 ng
RT: 16.886 min Scan# 2519
Delta R.T. -0.035 min
Lab File: BF141324.D
Acq: 31 Jan 2025 11:35

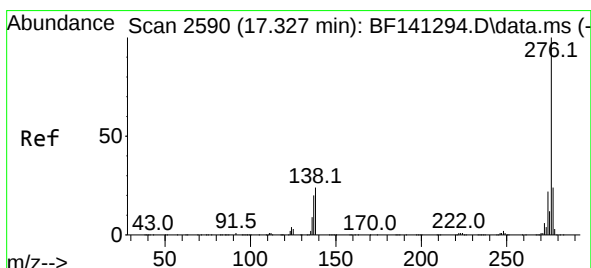
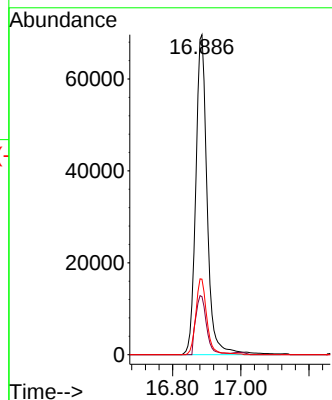
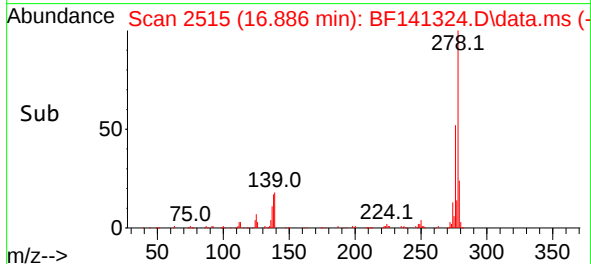
Instrument :
BNA_F
ClientSampleId :
MDL-WATER-03-QT1-2025



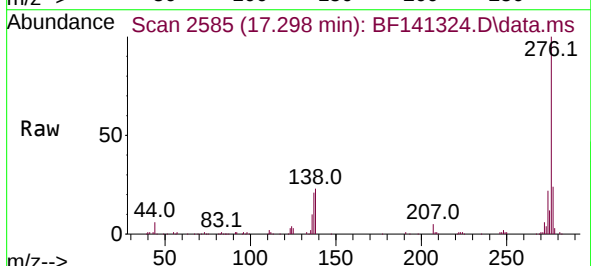
Tgt Ion:278 Resp: 16197
Ion Ratio Lower Upper
278 100
139 18.1 13.9 20.9
279 23.6 18.8 28.2

Manual Integrations
APPROVED

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



#92
Benzo(g,h,i)perylene
Concen: 8.414 ng
RT: 17.298 min Scan# 2585
Delta R.T. -0.047 min
Lab File: BF141324.D
Acq: 31 Jan 2025 11:35



Tgt Ion:276 Resp: 161302
Ion Ratio Lower Upper
276 100
277 23.7 19.2 28.8
138 23.0 19.0 28.4

