

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF013025\
 Data File : BF141305.D
 Acq On : 30 Jan 2025 10:53
 Operator : RC/JU
 Sample : Q1168-08
 Misc : LOQ-WATER 5PPM
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 LOQ-WATER-02-QT1-2025

Quant Time: Jan 31 01:08:03 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 :Yogesh Patel 01/31/2025
 Supervised By :mohammad ahmed 01/31/2025

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.798	152	135443	20.000	ng	0.00
21) Naphthalene-d8	8.081	136	543446	20.000	ng	0.00
39) Acenaphthene-d10	9.833	164	300876	20.000	ng	0.00
64) Phenanthrene-d10	11.322	188	510790	20.000	ng	0.00
76) Chrysene-d12	13.968	240	315051	20.000	ng	0.00
86) Perylene-d12	15.439	264	282712	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.404	112	833063	94.425	ng	0.00
7) Phenol-d6	6.422	99	1065644	94.949	ng	-0.02
23) Nitrobenzene-d5	7.357	82	721730	70.011	ng	-0.01
42) 2,4,6-Tribromophenol	10.622	330	264144	95.762	ng	-0.01
45) 2-Fluorobiphenyl	9.157	172	1299971	66.503	ng	0.00
79) Terphenyl-d14	12.910	244	1335416	65.369	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	2.487	88	20313	5.235	ng	100
3) Pyridine	3.252	79	41665	4.457	ng	97
6) Aniline	6.457	93	62122	6.539	ng	97
8) 2-Chlorophenol	6.581	128	50137	5.302	ng	94
10) Phenol	6.440	94	63367	5.326	ng	88
11) bis(2-Chloroethyl)ether	6.534	93	47197	5.174	ng	98
12) 1,3-Dichlorobenzene	6.740	146	54084	5.187	ng	94
13) 1,4-Dichlorobenzene	6.816	146	54364	5.190	ng	98
14) 1,2-Dichlorobenzene	6.969	146	51383	5.239	ng	98
16) 2,2'-oxybis(1-Chloropr...	7.069	45	88746	5.595	ng	99
17) 2-Methylphenol	7.045	107	38117	4.960	ng	100
18) Hexachloroethane	7.310	117	19233	4.977	ng	97
19) n-Nitroso-di-n-propyla...	7.204	70	35151	5.271	ng	99
22) Acetophenone	7.204	105	73363	5.679	ng	96
24) Nitrobenzene	7.375	77	54626	5.113	ng	100
25) Isophorone	7.610	82	96265	5.402	ng	99
26) 2-Nitrophenol	7.692	139	24775	4.917	ng	96
27) 2,4-Dimethylphenol	7.728	122	23781m	3.708	ng	
28) bis(2-Chloroethoxy)met...	7.828	93	59938	5.273	ng	97
29) 2,4-Dichlorophenol	7.934	162	39142	4.986	ng	97
30) 1,2,4-Trichlorobenzene	8.022	180	44897	5.008	ng	99
31) Naphthalene	8.098	128	154646	5.387	ng	99
33) 4-Chloroaniline	8.151	127	55680	5.719	ng	98
34) Hexachlorobutadiene	8.222	225	25237	4.800	ng	98
36) 4-Chloro-3-methylphenol	8.622	107	46144	5.479	ng	97
37) 2-Methylnaphthalene	8.792	142	97900	5.365	ng	99
38) 1-Methylnaphthalene	8.892	142	92734	5.174	ng	99
40) 1,2,4,5-Tetrachloroben...	8.957	216	45240	5.285	ng	99
43) 2,4,6-Trichlorophenol	9.069	196	26232	4.682	ng	99
44) 2,4,5-Trichlorophenol	9.110	196	29547	4.846	ng	98
46) 1,1'-Biphenyl	9.257	154	132082	5.629	ng	99
47) 2-Chloronaphthalene	9.281	162	92174	5.040	ng	98
48) 2-Nitroaniline	9.375	65	26774	4.654	ng	99
49) Acenaphthylene	9.692	152	144586	5.647	ng	100
50) Dimethylphthalate	9.551	163	109099	5.369	ng	100
51) 2,6-Dinitrotoluene	9.616	165	21551	4.568	ng	99

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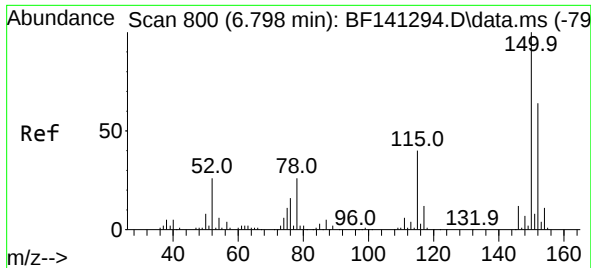
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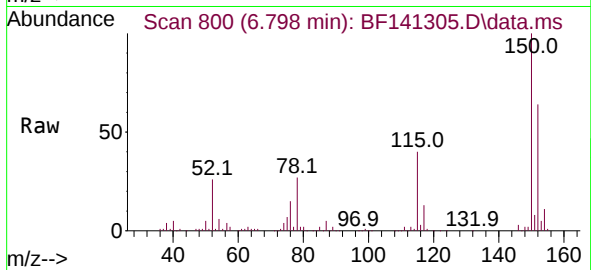
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
52) Acenaphthene	9.869	154	96226	5.261	ng	99
53) 3-Nitroaniline	9.781	138	22774	4.925	ng	94
55) Dibenzofuran	10.039	168	134530	5.495	ng	99
57) 2,4-Dinitrotoluene	10.016	165	30753	5.034	ng	99
58) Fluorene	10.380	166	107748	5.674	ng	98
59) 2,3,4,6-Tetrachlorophenol	10.157	232	24997	5.211	ng	99
60) Diethylphthalate	10.257	149	105225	5.340	ng	99
61) 4-Chlorophenyl-phenyle...	10.375	204	51064	5.505	ng	99
62) 4-Nitroaniline	10.386	138	19748	4.344	ng	95
63) Azobenzene	10.533	77	104381	5.292	ng	99
66) n-Nitrosodiphenylamine	10.492	169	89399	5.411	ng	98
67) 4-Bromophenyl-phenylether	10.869	248	30700	5.369	ng	94
68) Hexachlorobenzene	10.928	284	32572	5.370	ng	98
69) Atrazine	11.016	200	29307	5.306	ng	100
71) Phenanthrene	11.345	178	157538	5.738	ng	99
72) Anthracene	11.398	178	146205	5.435	ng	99
73) Carbazole	11.551	167	127856	5.360	ng	99
74) Di-n-butylphthalate	11.886	149	165080	5.710	ng	100
75) Fluoranthene	12.533	202	153181	5.650	ng	100
78) Pyrene	12.763	202	168289	5.565	ng	98
80) Butylbenzylphthalate	13.386	149	53904	5.102	ng	98
81) Benzo(a)anthracene	13.957	228	111688	5.137	ng	100
82) 3,3'-Dichlorobenzidine	13.921	252	30484	4.409	ng	99
83) Chrysene	13.992	228	108042	5.423	ng	98
84) Bis(2-ethylhexyl)phtha...	13.957	149	73135	5.457	ng	97
87) Indeno(1,2,3-cd)pyrene	16.880	276	82536	4.523	ng	99
88) Benzo(b)fluoranthene	15.015	252	97496	5.482	ng	99
89) Benzo(k)fluoranthene	15.045	252	80322	5.099	ng	99
90) Benzo(a)pyrene	15.380	252	78988	5.256	ng	98
91) Dibenzo(a,h)anthracene	16.904	278	64131	4.368	ng	98
92) Benzo(g,h,i)perylene	17.321	276	66810	4.377	ng	98

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



#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.798 min Scan# 800
Delta R.T. -0.006 min
Lab File: BF141305.D
Acq: 30 Jan 2025 10:53

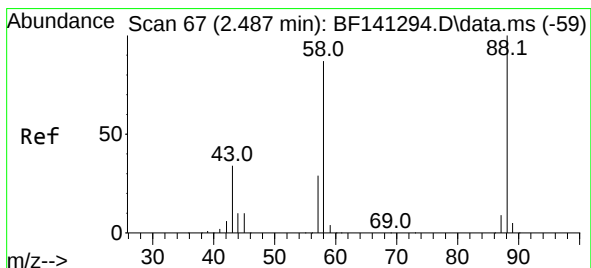
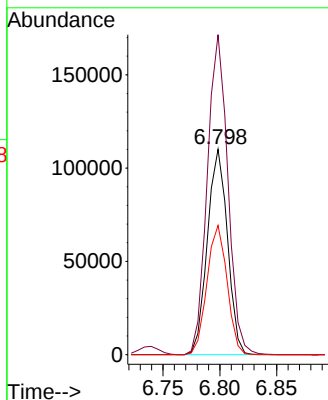
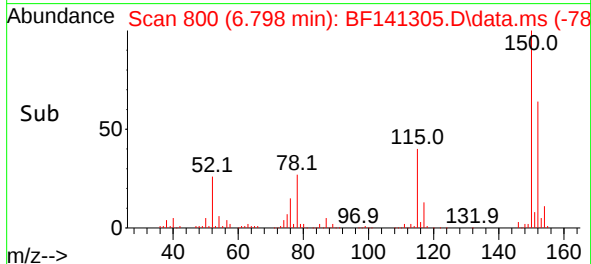
Instrument : BNA_F
ClientSampleId :
LOQ-WATER-02-QT1-2025



Tgt Ion:152 Resp: 13544
Ion Ratio Lower Upper
152 100
150 155.7 125.9 188.9
115 62.9 49.7 74.5

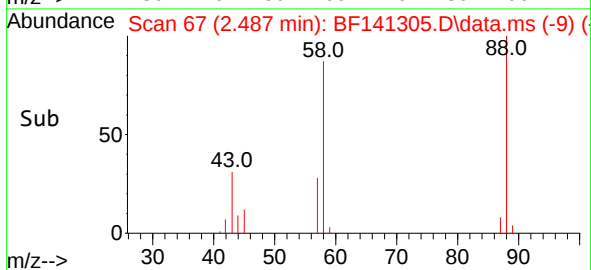
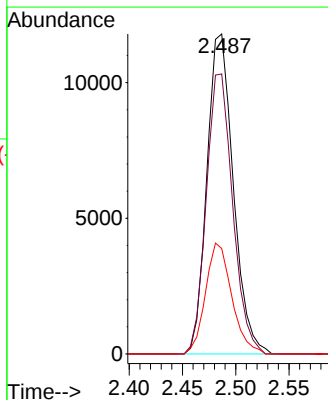
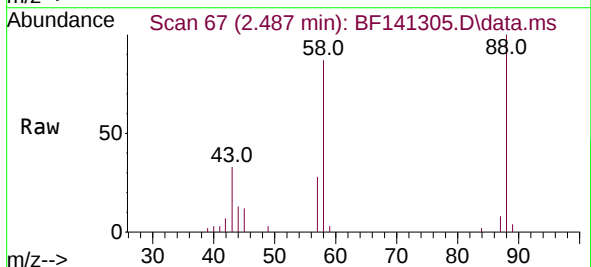
Manual Integrations
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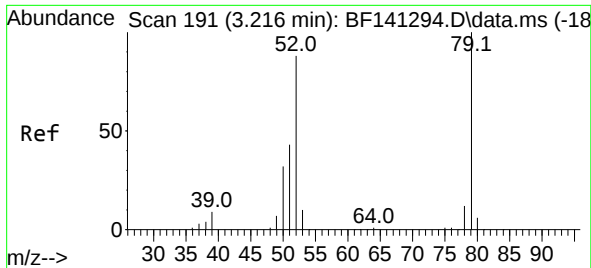
Reviewed By :Yogesh Patel 01/31/2025
Supervised By :mohammad ahmed 01/31/2025



#2
1,4-Dioxane
Concen: 5.235 ng
RT: 2.487 min Scan# 67
Delta R.T. -0.006 min
Lab File: BF141305.D
Acq: 30 Jan 2025 10:53

Tgt Ion: 88 Resp: 20313
Ion Ratio Lower Upper
88 100
58 87.6 70.2 105.4
43 34.5 27.6 41.4





#3

Pyridine

Concen: 4.457 ng

RT: 3.252 min Scan# 197

Delta R.T. 0.023 min

Lab File: BF141305.D

Acq: 30 Jan 2025 10:53

Instrument :

BNA_F

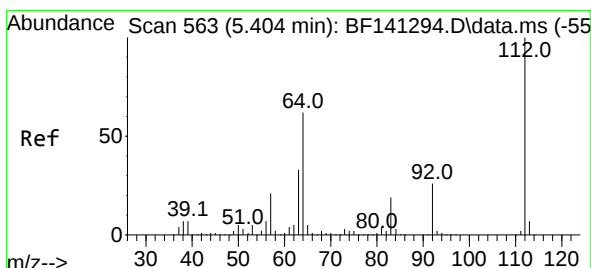
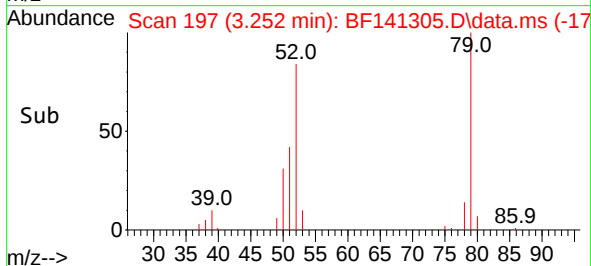
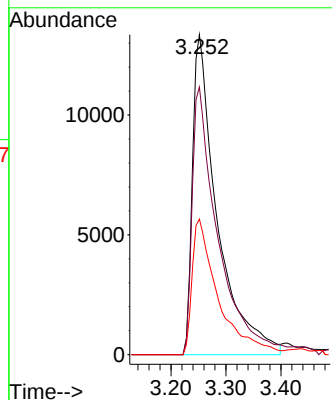
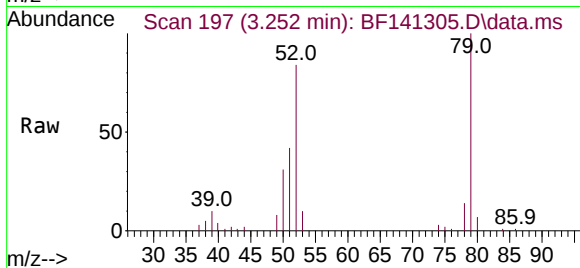
ClientSampleId :

LOQ-WATER-02-QT1-2025

Tgt Ion: 79	Resp: 4166
Ion Ratio	Lower Upper
79	100
52	83.7 70.3 105.5
51	42.4 34.3 51.5

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Reviewed By :Yogesh Patel 01/31/2025
Supervised By :mohammad ahmed 01/31/2025



#5

2-Fluorophenol

Concen: 94.425 ng

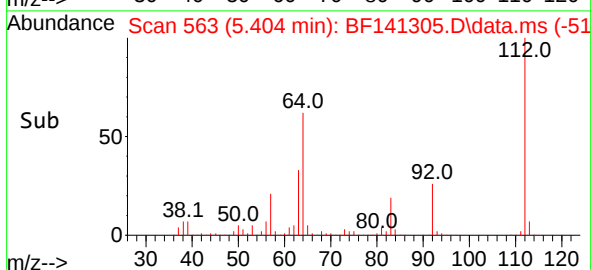
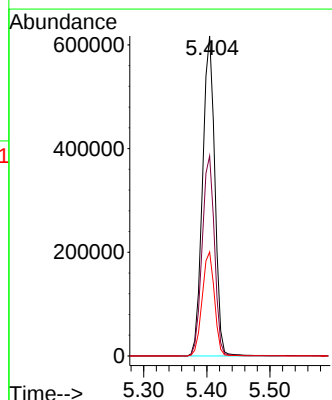
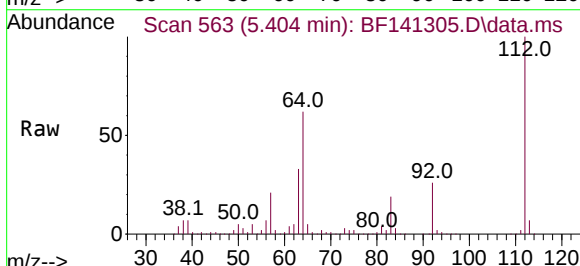
RT: 5.404 min Scan# 563

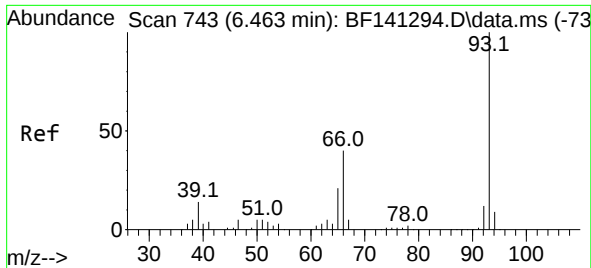
Delta R.T. -0.006 min

Lab File: BF141305.D

Acq: 30 Jan 2025 10:53

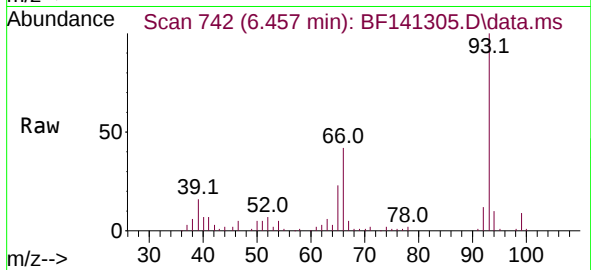
Tgt Ion: 112	Resp: 833063
Ion Ratio	Lower Upper
112	100
64	62.5 49.8 74.8
63	32.5 26.1 39.1





#6
Aniline
Concen: 6.539 ng
RT: 6.457 min Scan# 743
Delta R.T. -0.012 min
Lab File: BF141305.D
Acq: 30 Jan 2025 10:53

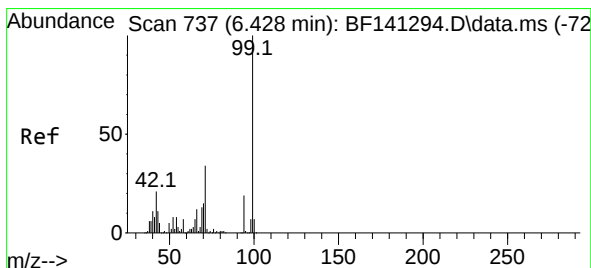
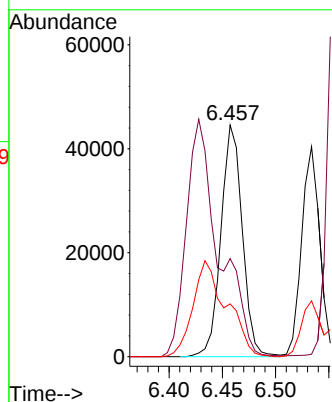
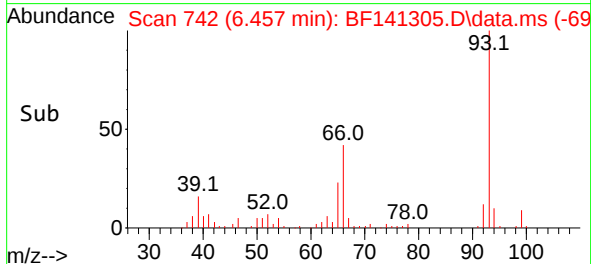
Instrument : BNA_F
ClientSampleId :
LOQ-WATER-02-QT1-2025



Tgt Ion: 93 Resp: 6212
Ion Ratio Lower Upper
93 100
66 42.4 32.5 48.7
65 22.8 17.0 25.6

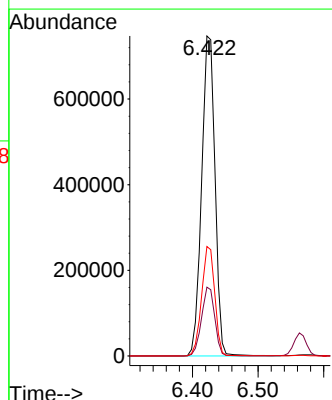
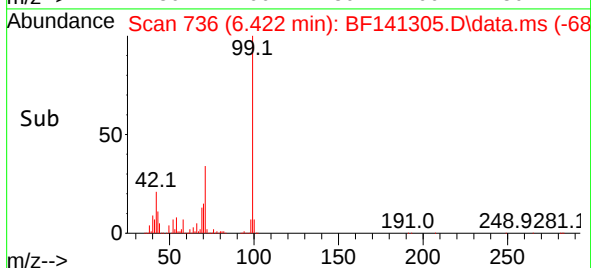
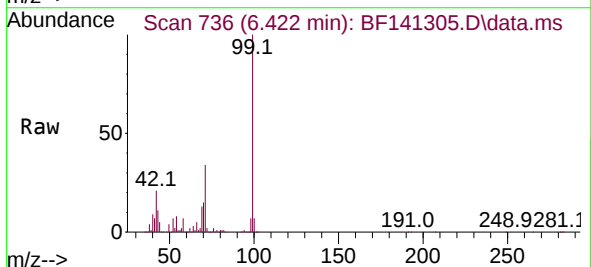
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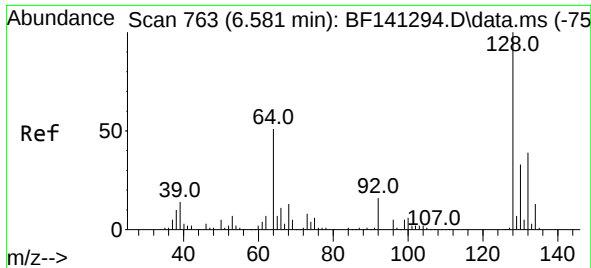
Reviewed By :Yogesh Patel 01/31/2025
Supervised By :mohammad ahmed 01/31/2025



#7
Phenol-d6
Concen: 94.949 ng
RT: 6.422 min Scan# 736
Delta R.T. -0.018 min
Lab File: BF141305.D
Acq: 30 Jan 2025 10:53

Tgt Ion: 99 Resp: 1065644
Ion Ratio Lower Upper
99 100
42 21.5 17.1 25.7
71 34.2 26.9 40.3





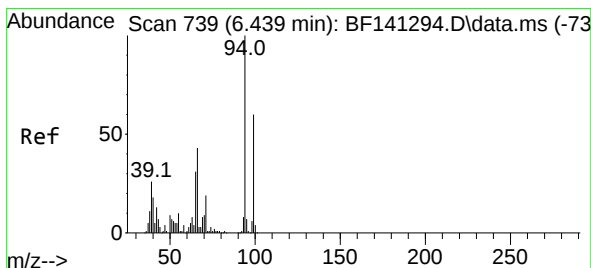
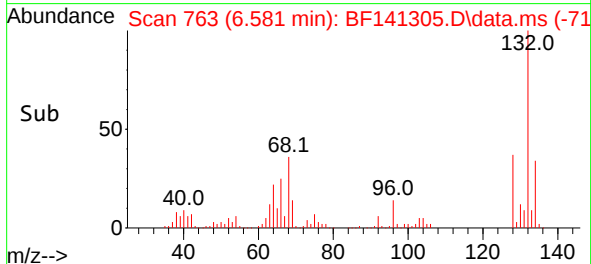
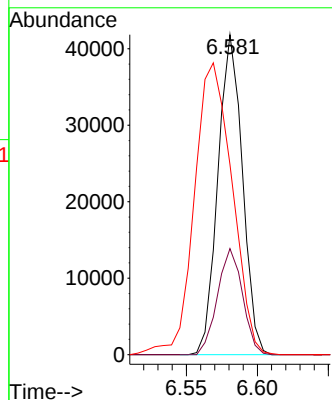
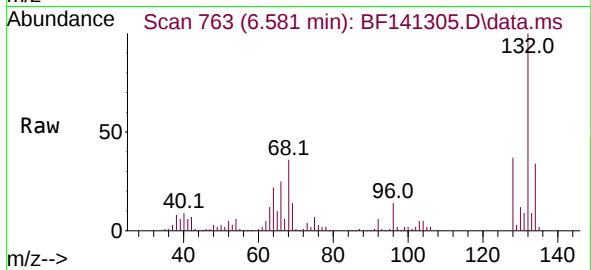
#8
2-Chlorophenol
Concen: 5.302 ng
RT: 6.581 min Scan# 763
Delta R.T. -0.012 min
Lab File: BF141305.D
Acq: 30 Jan 2025 10:53

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ClientSampleId :
LOQ-WATER-02-QT1-2025

Tgt Ion:128 Resp: 5013
Ion Ratio Lower Upper
128 100
130 33.2 12.5 52.5
64 59.5 32.9 72.9

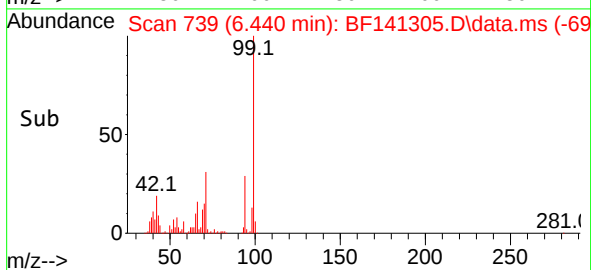
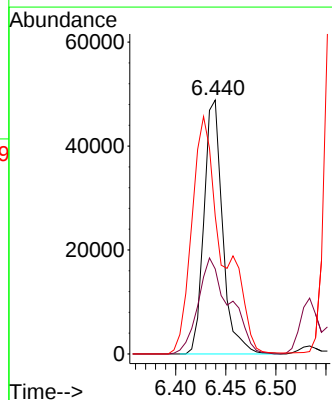
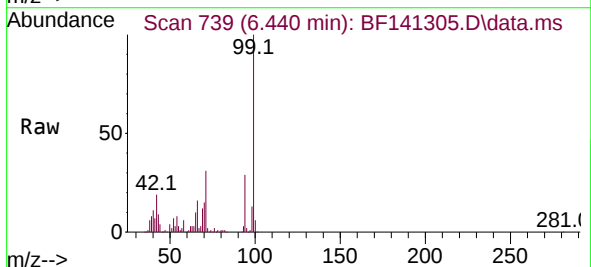
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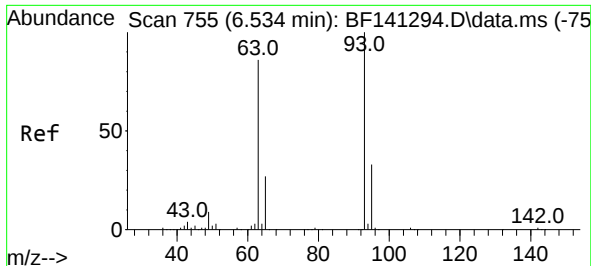
Reviewed By :Yogesh Patel 01/31/2025
Supervised By :mohammad ahmed 01/31/2025



#10
Phenol
Concen: 5.326 ng
RT: 6.440 min Scan# 739
Delta R.T. -0.012 min
Lab File: BF141305.D
Acq: 30 Jan 2025 10:53

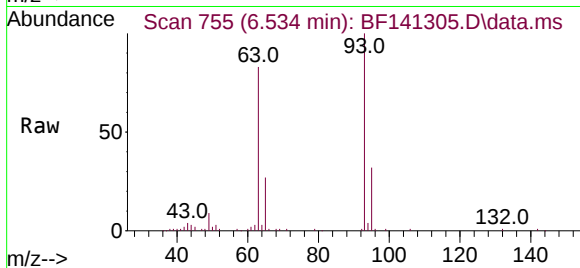
Tgt Ion: 94 Resp: 63367
Ion Ratio Lower Upper
94 100
65 33.4 10.8 50.8
66 54.2 23.3 63.3





#11
bis(2-Chloroethyl)ether
Concen: 5.174 ng
RT: 6.534 min Scan# 755
Delta R.T. -0.012 min
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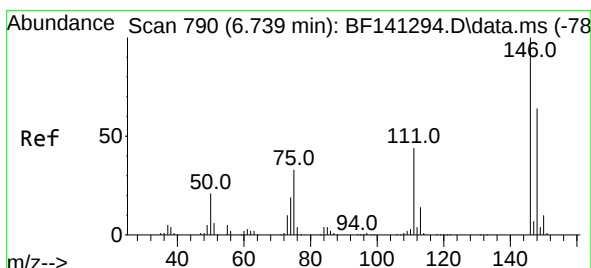
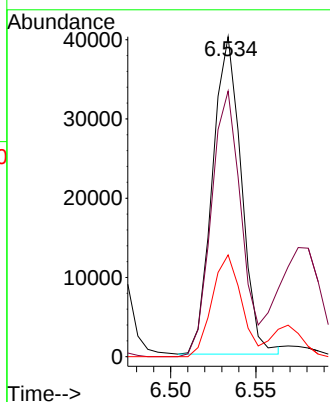
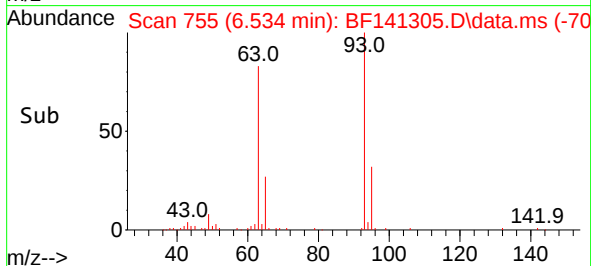
Instrument : BNA_F
ClientSampleId :
LOQ-WATER-02-QT1-2025



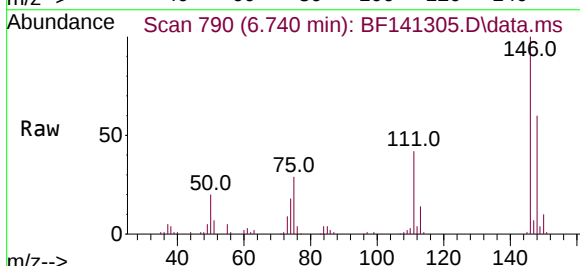
Tgt Ion: 93 Resp: 4719
Ion Ratio Lower Upper
93 100
63 83.0 65.0 105.0
95 31.8 12.4 52.4

Manual Integrations
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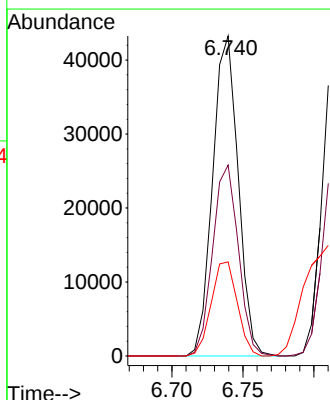
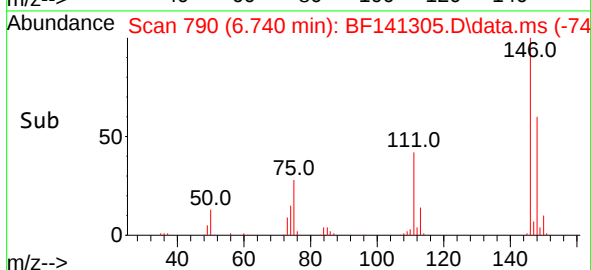
Reviewed By :Yogesh Patel 01/31/2025
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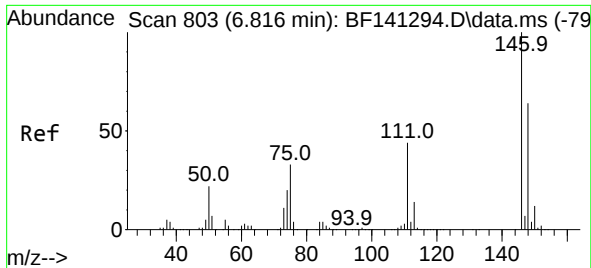


#12
1,3-Dichlorobenzene
Concen: 5.187 ng
RT: 6.740 min Scan# 790
Delta R.T. -0.006 min
Lab File: BF141305.D
Acq: 30 Jan 2025 10:53



Tgt Ion:146 Resp: 54084
Ion Ratio Lower Upper
146 100
148 59.6 51.2 76.8
75 29.4 26.2 39.4





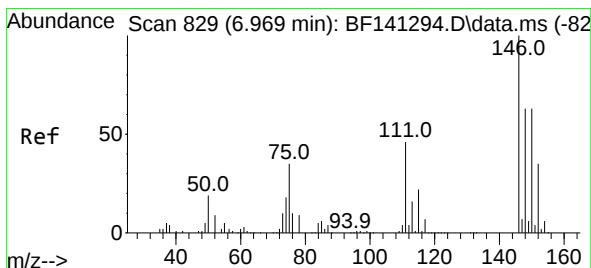
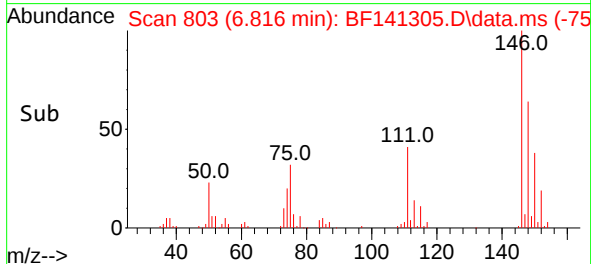
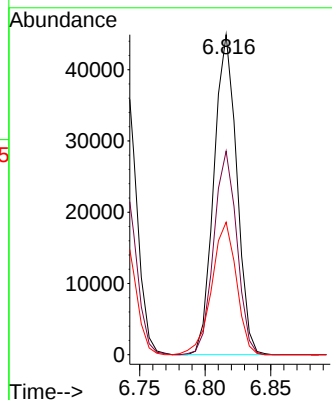
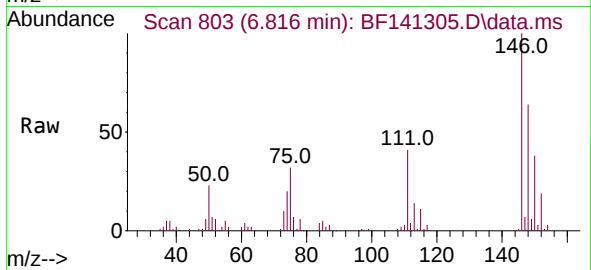
#13
1,4-Dichlorobenzene
Concen: 5.190 ng
RT: 6.816 min Scan# 803
Delta R.T. -0.006 min
Lab File: BF141305.D
Acq: 30 Jan 2025 10:53

Instrument : BNA_F
ClientSampleId : LOQ-WATER-02-QT1-2025

Tgt Ion:146 Resp: 5436
Ion Ratio Lower Upper
146 100
148 63.6 51.2 76.8
111 41.4 35.0 52.4

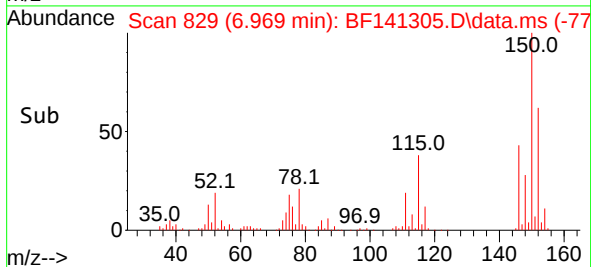
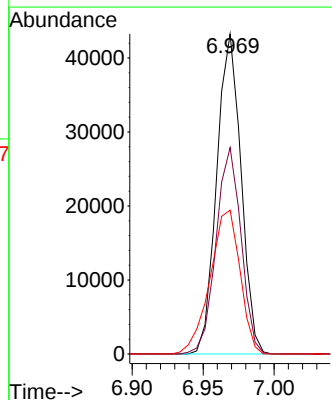
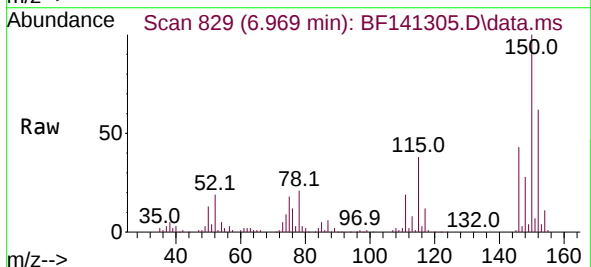
Manual Integrations
APPROVED

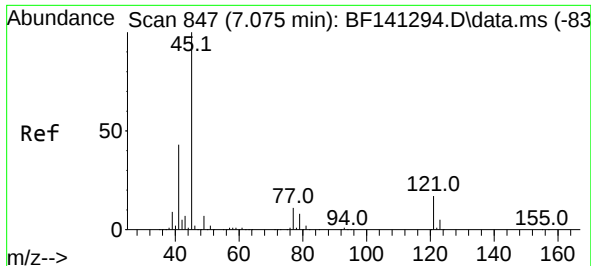
Reviewed By :Yogesh Patel 01/31/2025
Supervised By :mohammad ahmed 01/31/2025



#14
1,2-Dichlorobenzene
Concen: 5.239 ng
RT: 6.969 min Scan# 829
Delta R.T. -0.006 min
Lab File: BF141305.D
Acq: 30 Jan 2025 10:53

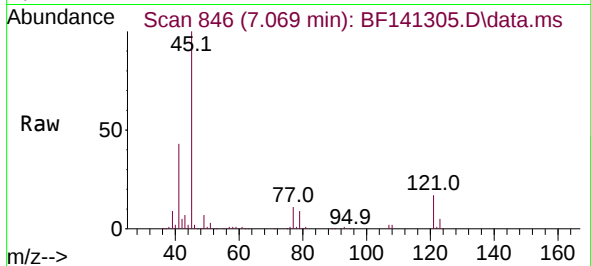
Tgt Ion:146 Resp: 51383
Ion Ratio Lower Upper
146 100
148 64.5 50.5 75.7
111 45.0 36.6 55.0





#16
2,2'-oxybis(1-Chloropropane)
Concen: 5.595 ng
RT: 7.069 min Scan# 84
Delta R.T. -0.012 min
Lab File: BF141305.D
Acq: 30 Jan 2025 10:53

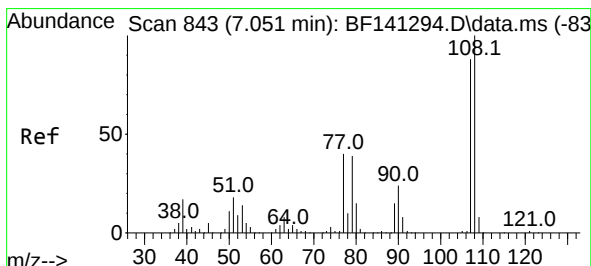
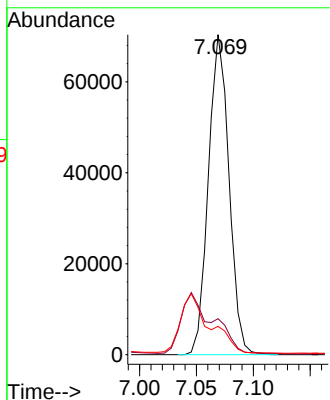
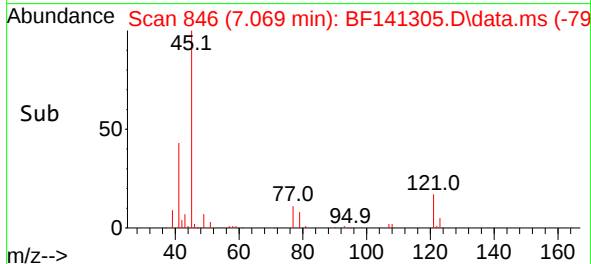
Instrument :
BNA_F
ClientSampleId :
LOQ-WATER-02-QT1-2025



Tgt Ion: 45 Resp: 88740
Ion Ratio Lower Upper
45 100
77 11.3 0.0 31.8
79 8.8 0.0 29.1

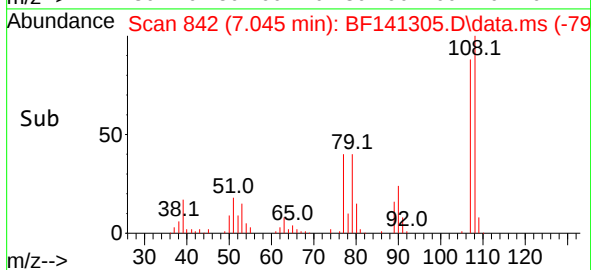
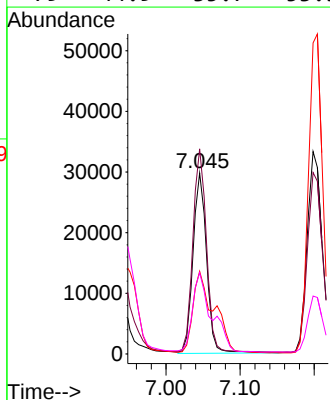
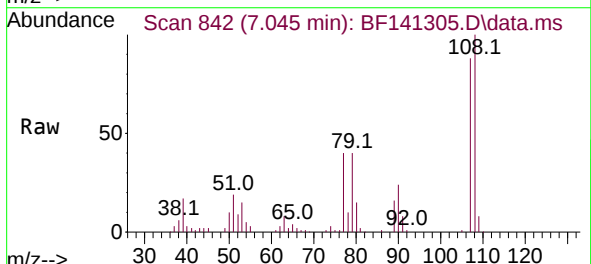
Manual Integrations
APPROVED

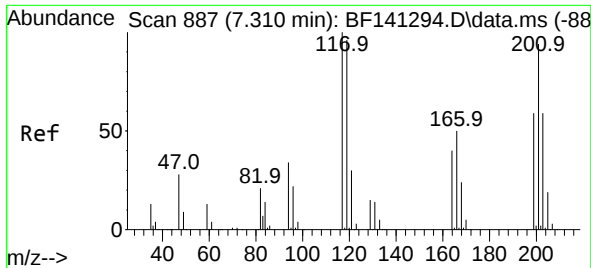
Reviewed By :Yogesh Patel 01/31/2025
Supervised By :mohammad ahmed 01/31/2025



#17
2-Methylphenol
Concen: 4.960 ng
RT: 7.045 min Scan# 842
Delta R.T. -0.012 min
Lab File: BF141305.D
Acq: 30 Jan 2025 10:53

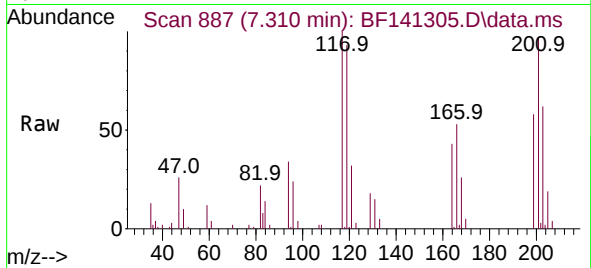
Tgt Ion:107 Resp: 38117
Ion Ratio Lower Upper
107 100
108 113.3 90.8 136.2
77 45.7 36.2 54.4
79 44.9 35.7 53.5





#18
Hexachloroethane
Concen: 4.977 ng
RT: 7.310 min Scan# 887
Delta R.T. -0.006 min
Lab File: BF141305.D
Acq: 30 Jan 2025 10:53

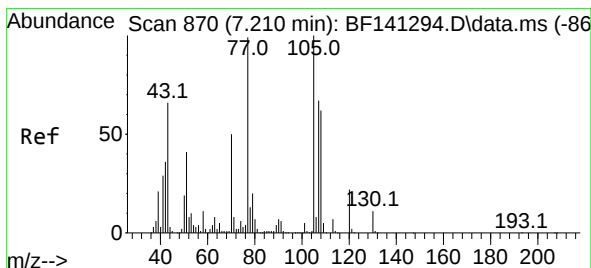
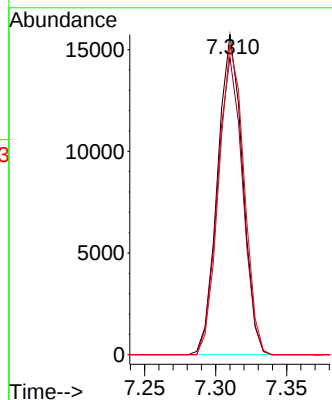
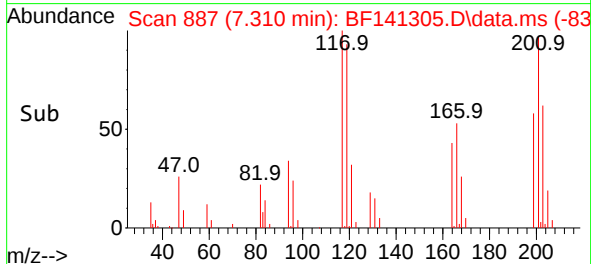
Instrument :
BNA_F
ClientSampleId :
LOQ-WATER-02-QT1-2025



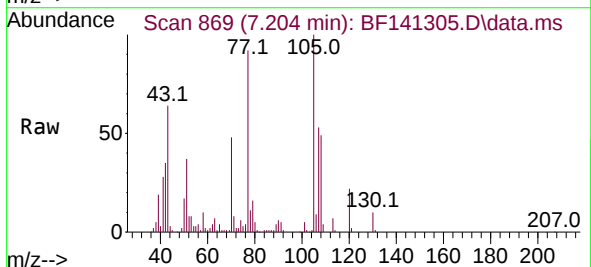
Tgt Ion:117 Resp: 1923
Ion Ratio Lower Upper
117 100
119 92.9 76.6 114.8
201 96.8 74.8 112.2

Manual Integrations
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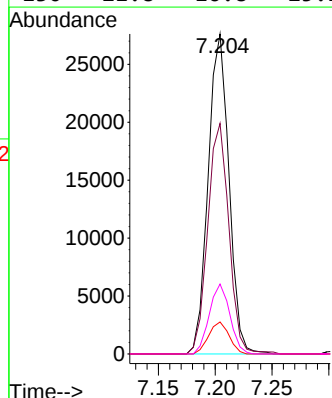
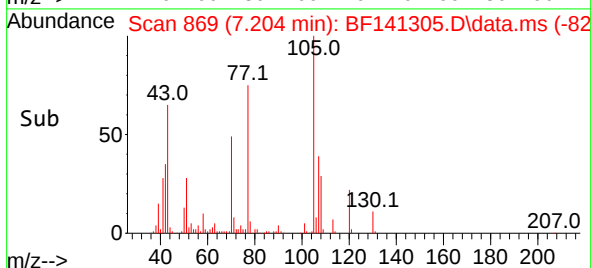
Reviewed By :Yogesh Patel 01/31/2025
Supervised By :mohammad ahmed 01/31/2025

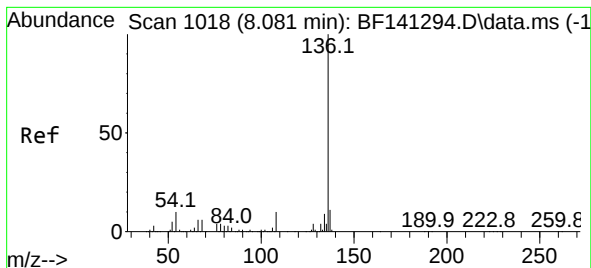


#19
n-Nitroso-di-n-propylamine
Concen: 5.271 ng
RT: 7.204 min Scan# 869
Delta R.T. -0.024 min
Lab File: BF141305.D
Acq: 30 Jan 2025 10:53



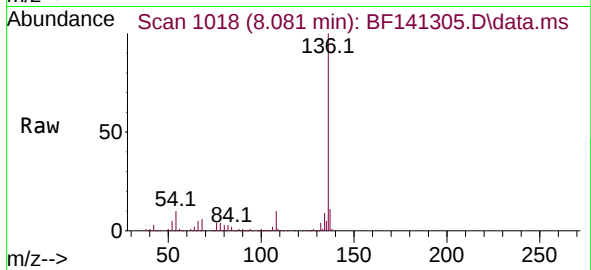
Tgt Ion: 70 Resp: 35151
Ion Ratio Lower Upper
70 100
42 72.1 56.8 85.2
101 10.0 7.7 11.5
130 21.8 16.8 25.2





#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.081 min Scan# 1018
Delta R.T. -0.006 min
Lab File: BF141305.D
Acq: 30 Jan 2025 10:53

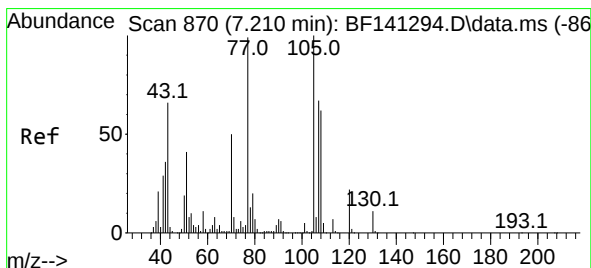
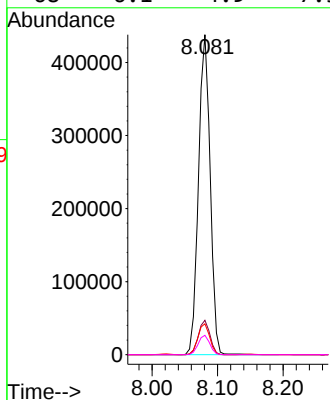
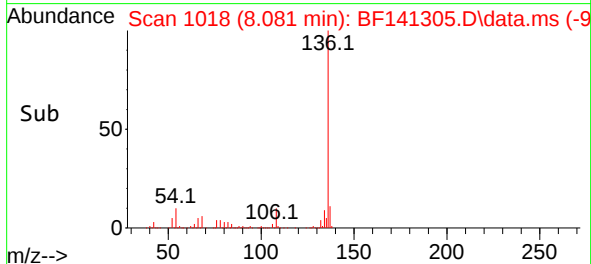
Instrument : BNA_F
ClientSampleId :
LOQ-WATER-02-QT1-2025



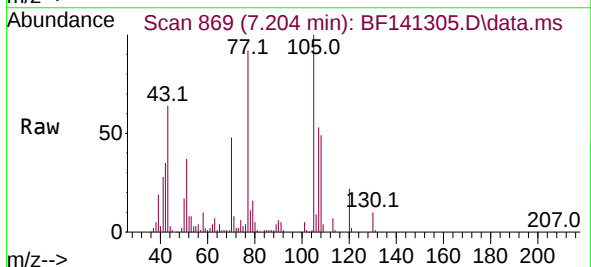
Tgt Ion:136 Resp: 543440
Ion Ratio Lower Upper
136 100
137 10.7 8.6 13.0
54 9.7 7.8 11.8
68 6.1 4.9 7.3

Manual Integrations
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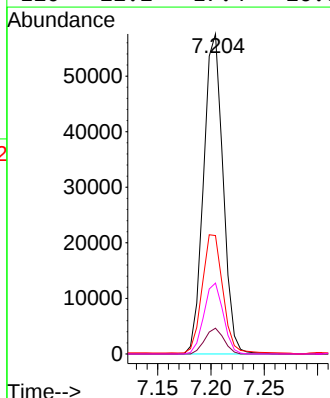
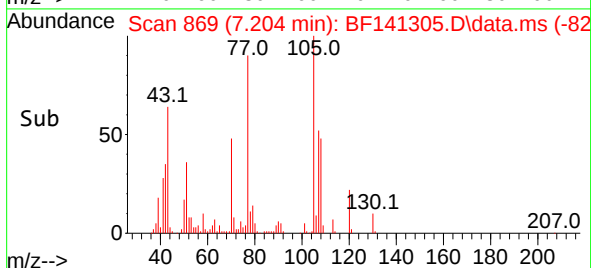
Reviewed By :Yogesh Patel 01/31/2025
Supervised By :mohammad ahmed 01/31/2025

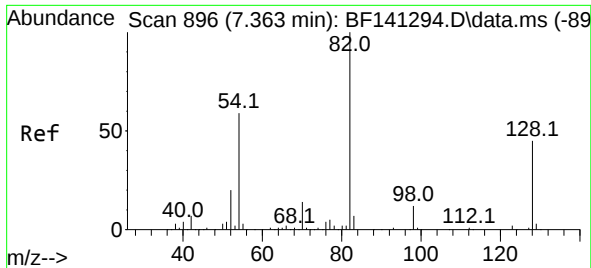


#22
Acetophenone
Concen: 5.679 ng
RT: 7.204 min Scan# 869
Delta R.T. -0.012 min
Lab File: BF141305.D
Acq: 30 Jan 2025 10:53



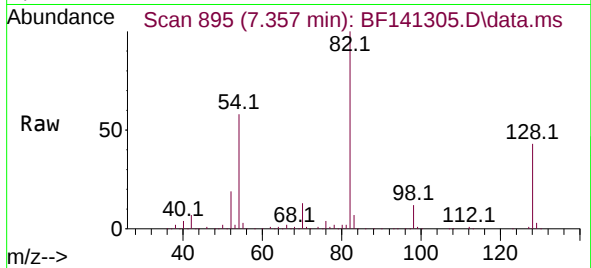
Tgt Ion:105 Resp: 73363
Ion Ratio Lower Upper
105 100
71 8.0 6.8 10.2
51 37.0 32.6 49.0
120 22.2 17.4 26.0





#23
Nitrobenzene-d5
Concen: 70.011 ng
RT: 7.357 min Scan# 895
Delta R.T. -0.012 min
Lab File: BF141305.D
Acq: 30 Jan 2025 10:53

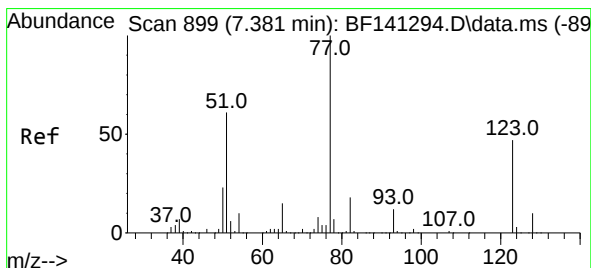
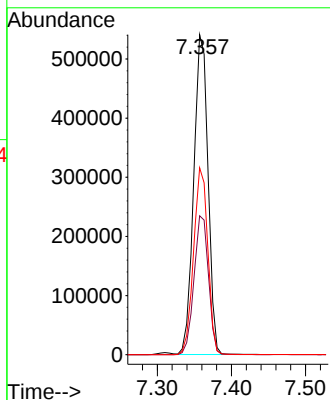
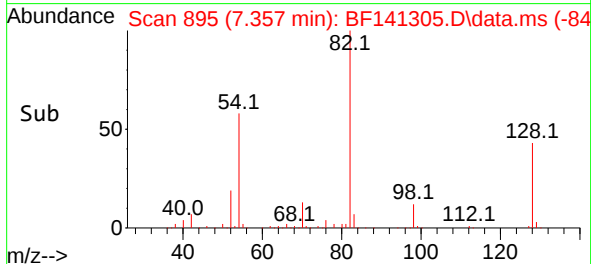
Instrument :
BNA_F
ClientSampleId :
LOQ-WATER-02-QT1-2025



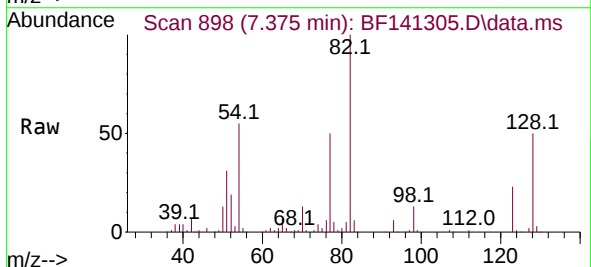
Tgt Ion: 82 Resp: 721730
Ion Ratio Lower Upper
82 100
128 43.4 35.7 53.5
54 58.4 47.1 70.7

Manual Integrations
APPROVED

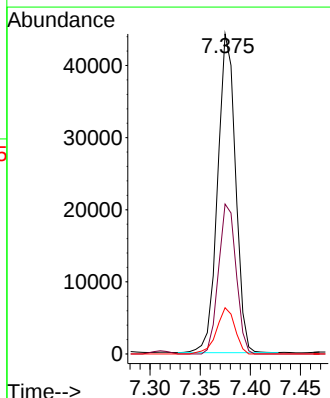
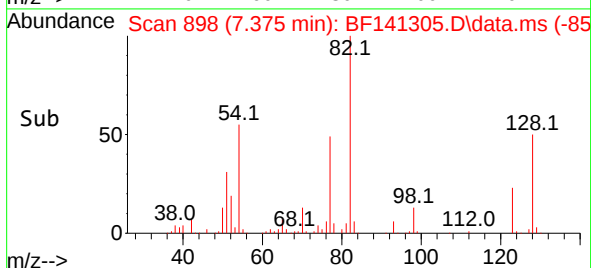
Reviewed By :Yogesh Patel 01/31/2025
Supervised By :mohammad ahmed 01/31/2025

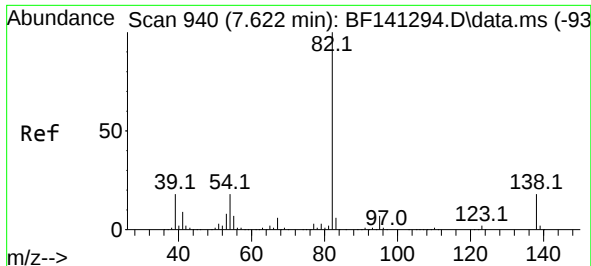


#24
Nitrobenzene
Concen: 5.113 ng
RT: 7.375 min Scan# 898
Delta R.T. -0.018 min
Lab File: BF141305.D
Acq: 30 Jan 2025 10:53



Tgt Ion: 77 Resp: 54626
Ion Ratio Lower Upper
77 100
123 46.9 37.3 55.9
65 14.4 11.8 17.6





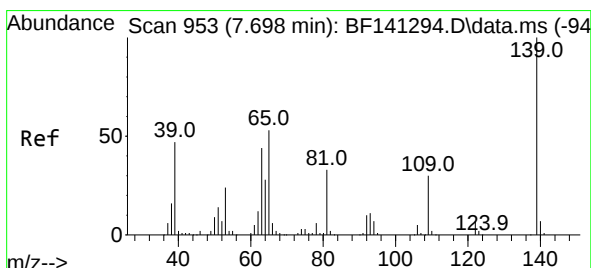
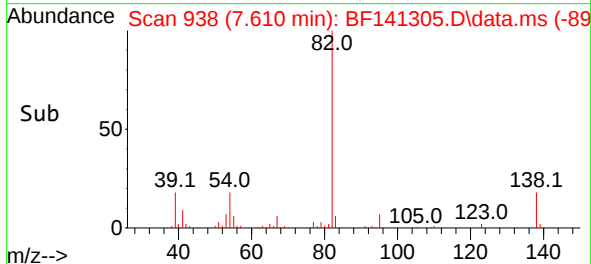
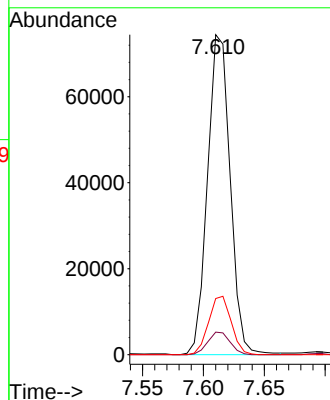
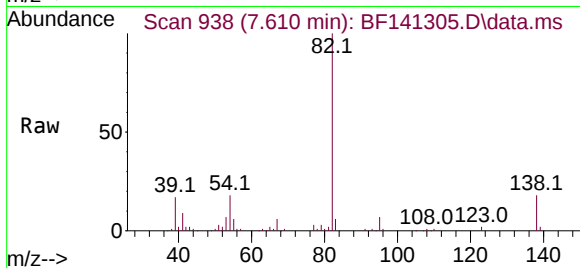
#25
Isophorone
Concen: 5.402 ng
RT: 7.610 min Scan# 91
Delta R.T. -0.018 min
Lab File: BF141305.D
Acq: 30 Jan 2025 10:53

Instrument :
BNA_F
ClientSampleId :
LOQ-WATER-02-QT1-2025

Tgt Ion: 82 Resp: 9626
Ion Ratio Lower Upper
82 100
95 7.1 5.8 8.6
138 17.5 14.7 22.1

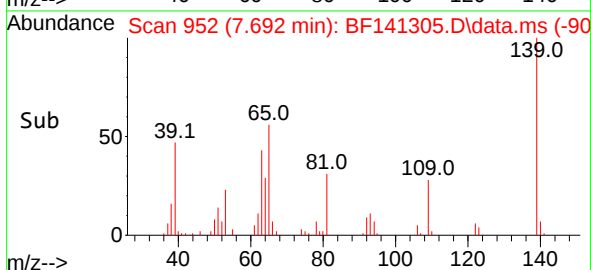
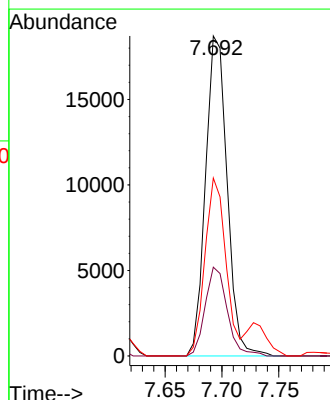
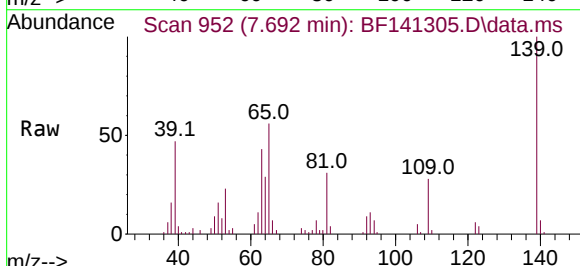
Manual Integrations
APPROVED

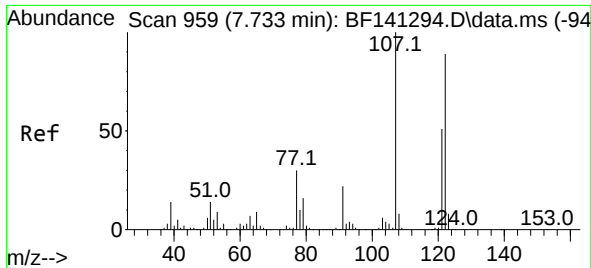
Reviewed By :Yogesh Patel 01/31/2025
Supervised By :mohammad ahmed 01/31/2025



#26
2-Nitrophenol
Concen: 4.917 ng
RT: 7.692 min Scan# 952
Delta R.T. -0.012 min
Lab File: BF141305.D
Acq: 30 Jan 2025 10:53

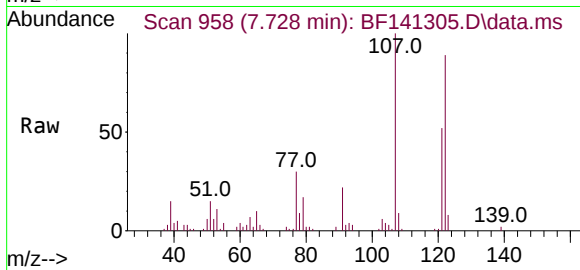
Tgt Ion:139 Resp: 24775
Ion Ratio Lower Upper
139 100
109 27.8 23.8 35.6
65 55.6 42.2 63.4





#27
2,4-Dimethylphenol
Concen: 3.708 ng m
RT: 7.728 min Scan# 91
Delta R.T. -0.012 min
Lab File: BF141305.D
Acq: 30 Jan 2025 10:53

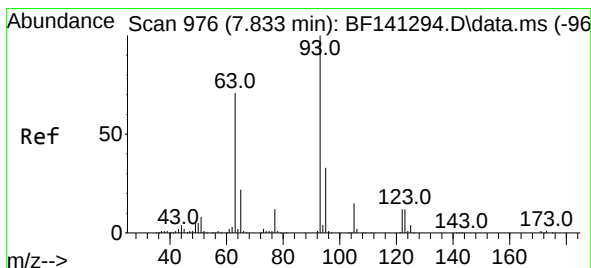
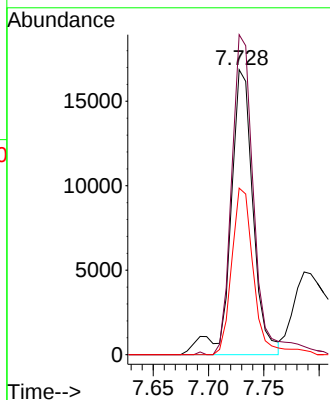
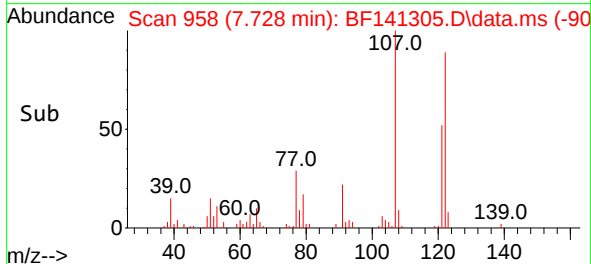
Instrument :
BNA_F
ClientSampleId :
LOQ-WATER-02-QT1-2025



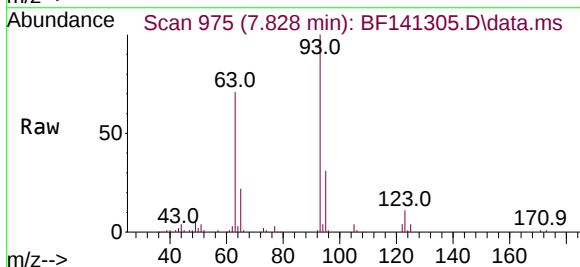
Tgt Ion:122 Resp: 2378
Ion Ratio Lower Upper
122 100
107 112.3 89.9 134.9
121 58.4 46.1 69.1

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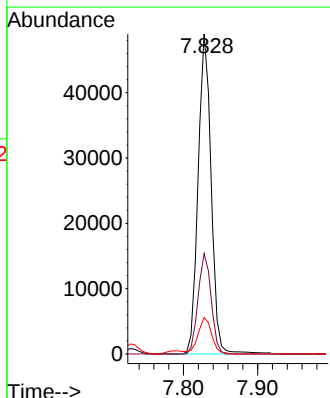
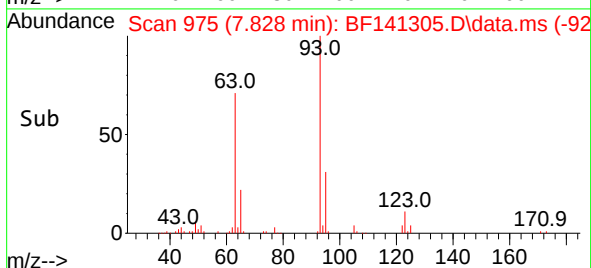
Reviewed By :Yogesh Patel 01/31/2025
Supervised By :mohammad ahmed 01/31/2025

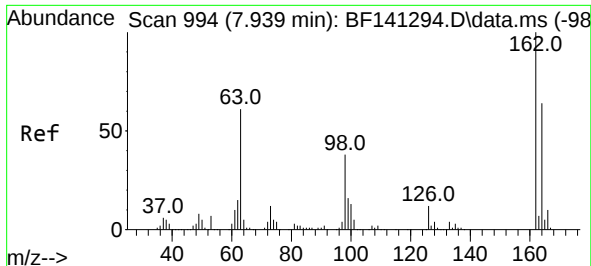


#28
bis(2-Chloroethoxy)methane
Concen: 5.273 ng
RT: 7.828 min Scan# 975
Delta R.T. -0.012 min
Lab File: BF141305.D
Acq: 30 Jan 2025 10:53



Tgt Ion: 93 Resp: 59938
Ion Ratio Lower Upper
93 100
95 31.4 26.2 39.2
123 11.4 10.2 15.4





#29

2,4-Dichlorophenol

Concen: 4.986 ng

RT: 7.934 min Scan# 994

Delta R.T. -0.012 min

Lab File: BF141305.D

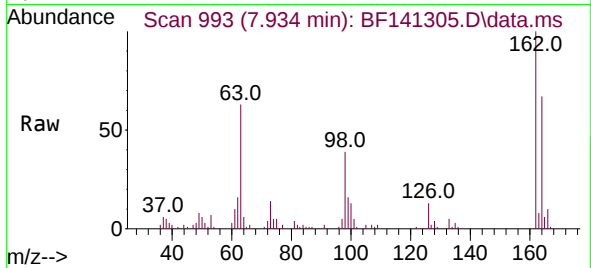
Acq: 30 Jan 2025 10:53

Instrument :

BNA_F

ClientSampleId :

LOQ-WATER-02-QT1-2025



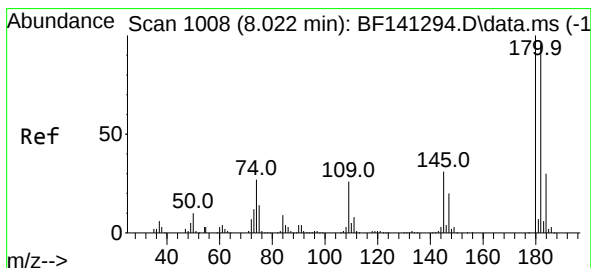
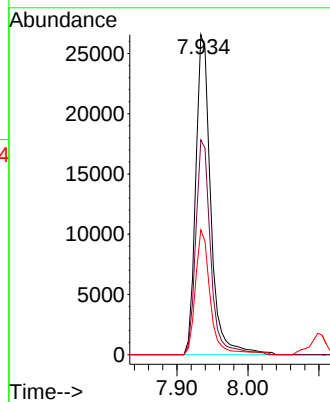
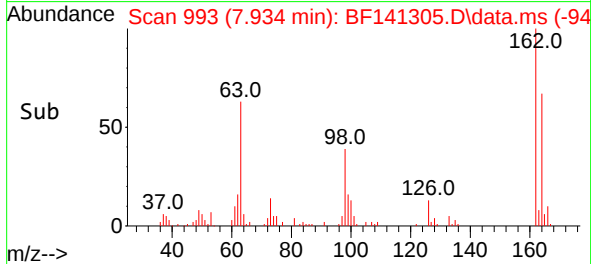
Tgt Ion:	162	Resp:	3914
Ion Ratio	Lower	Upper	
162	100		
164	67.1	44.2	84.2
98	39.0	18.2	58.2

Manual Integrations

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Reviewed By :Yogesh Patel 01/31/2025

Supervised By :mohammad ahmed 01/31/2025



#30

1,2,4-Trichlorobenzene

Concen: 5.008 ng

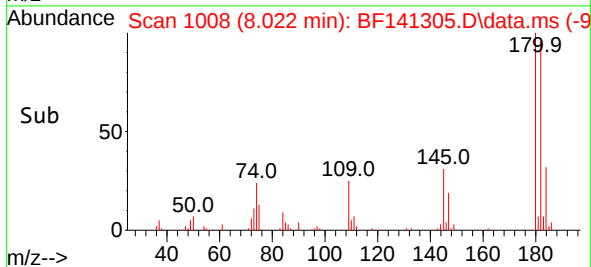
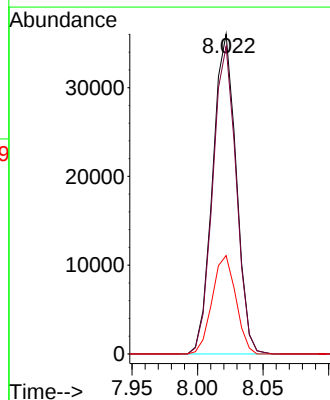
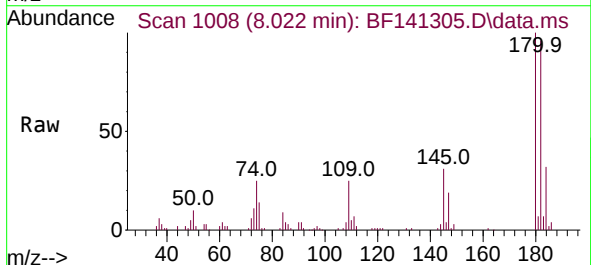
RT: 8.022 min Scan# 1008

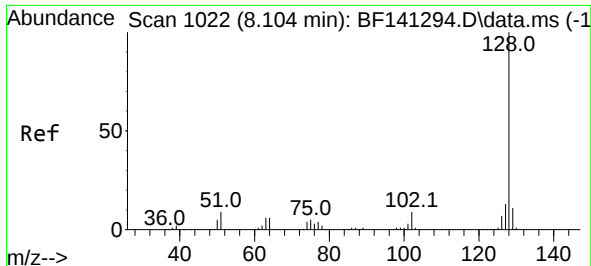
Delta R.T. -0.006 min

Lab File: BF141305.D

Acq: 30 Jan 2025 10:53

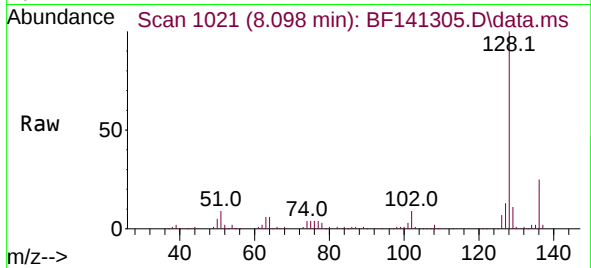
Tgt Ion:	180	Resp:	44897
Ion Ratio	Lower	Upper	
180	100		
182	96.1	76.4	114.6
145	30.8	24.9	37.3





#31
Naphthalene
Concen: 5.387 ng
RT: 8.098 min Scan# 1021
Delta R.T. -0.012 min
Lab File: BF141305.D
Acq: 30 Jan 2025 10:53

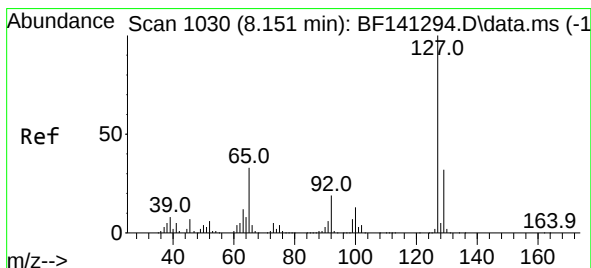
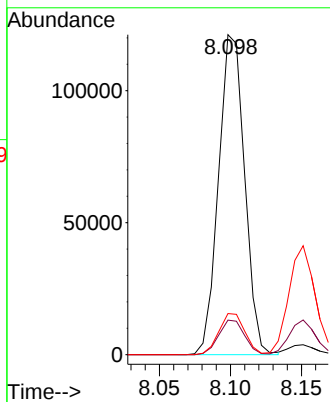
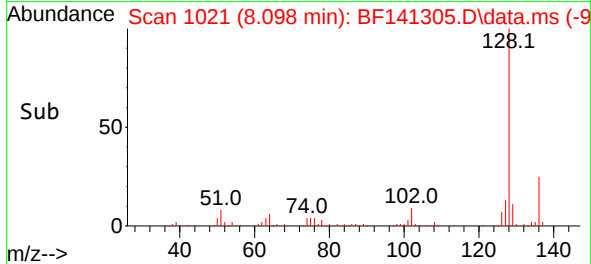
Instrument : BNA_F
ClientSampleId :
LOQ-WATER-02-QT1-2025



Tgt Ion:128 Resp: 154640
Ion Ratio Lower Upper
128 100
129 10.8 8.9 13.3
127 12.9 10.6 15.8

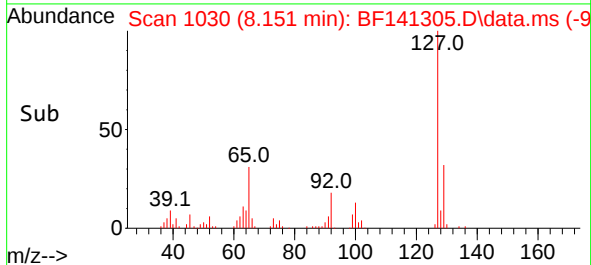
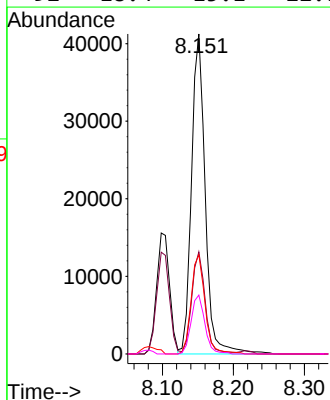
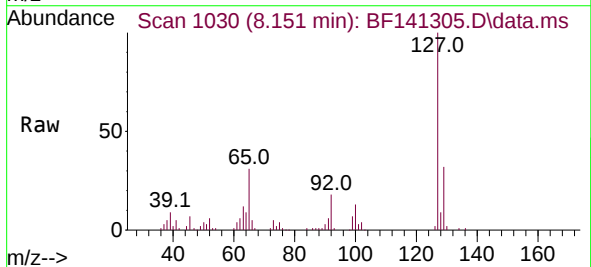
Manual Integrations
APPROVED

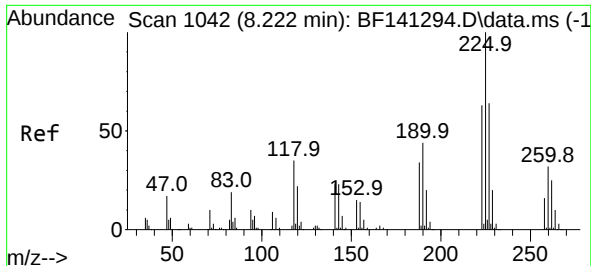
Reviewed By :Yogesh Patel 01/31/2025
Supervised By :mohammad ahmed 01/31/2025



#33
4-Chloroaniline
Concen: 5.719 ng
RT: 8.151 min Scan# 1030
Delta R.T. -0.006 min
Lab File: BF141305.D
Acq: 30 Jan 2025 10:53

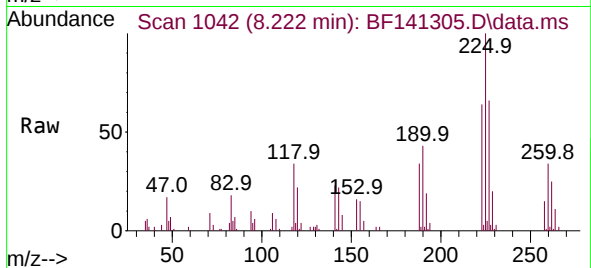
Tgt Ion:127 Resp: 55680
Ion Ratio Lower Upper
127 100
129 31.9 25.7 38.5
65 31.0 26.4 39.6
92 18.4 15.1 22.7





#34
Hexachlorobutadiene
Concen: 4.800 ng
RT: 8.222 min Scan# 1110
Delta R.T. -0.000 min
Lab File: BF141305.D
Acq: 30 Jan 2025 10:53

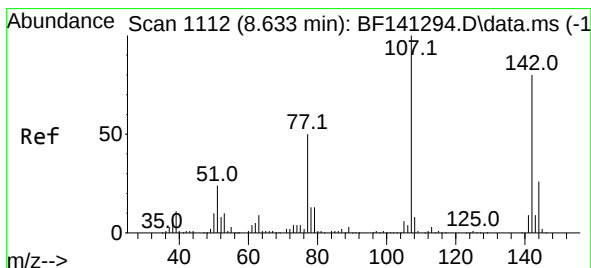
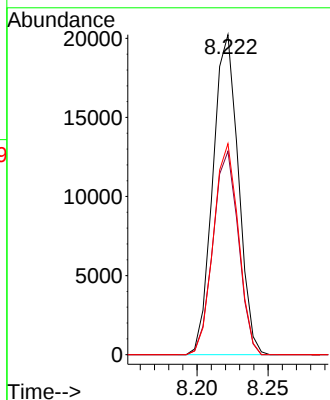
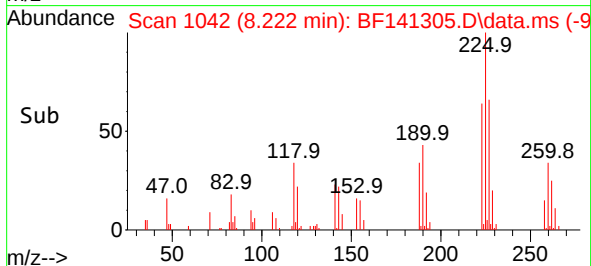
Instrument : BNA_F
ClientSampleId : LOQ-WATER-02-QT1-2025



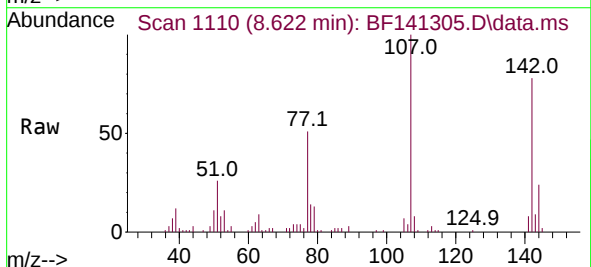
Tgt Ion: 225 Resp: 2523
Ion Ratio Lower Upper
225 100
223 63.6 50.4 75.6
227 66.0 51.3 76.9

Manual Integrations
APPROVED

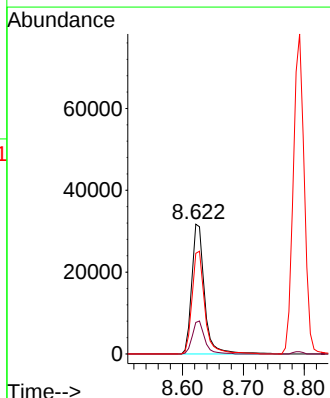
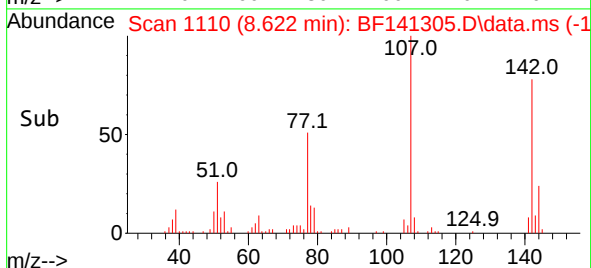
Reviewed By : Yogesh Patel 01/31/2025
Supervised By : mohammad ahmed 01/31/2025

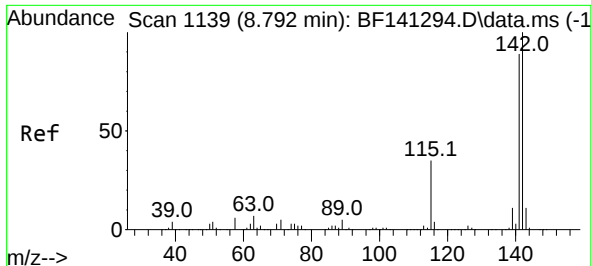


#36
4-Chloro-3-methylphenol
Concen: 5.479 ng
RT: 8.622 min Scan# 1110
Delta R.T. -0.018 min
Lab File: BF141305.D
Acq: 30 Jan 2025 10:53



Tgt Ion: 107 Resp: 46144
Ion Ratio Lower Upper
107 100
144 24.3 20.7 31.1
142 77.5 63.8 95.8





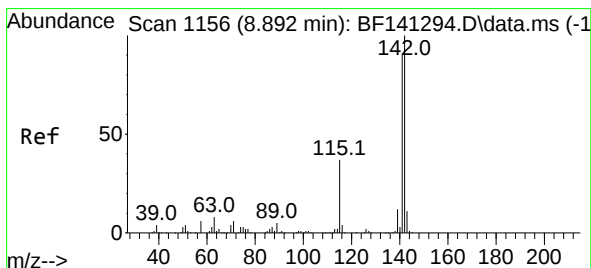
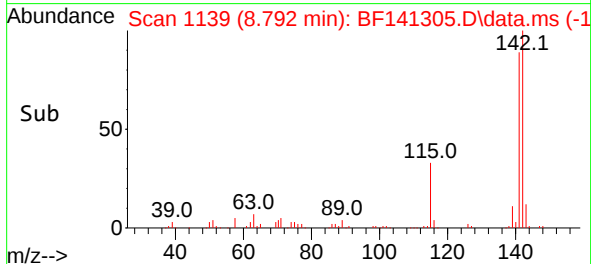
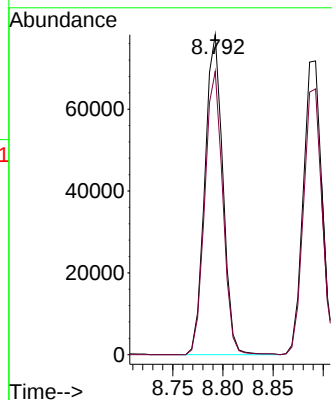
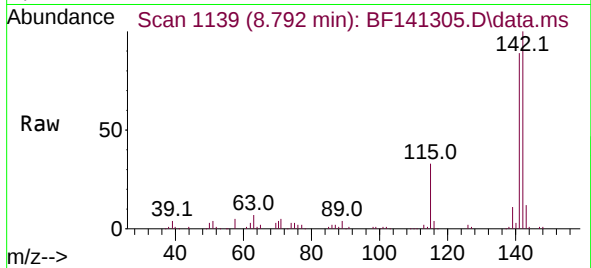
#37
2-Methylnaphthalene
Concen: 5.365 ng
RT: 8.792 min Scan# 1139
Delta R.T. -0.006 min
Lab File: BF141305.D
Acq: 30 Jan 2025 10:53

Instrument : BNA_F
ClientSampleId :
LOQ-WATER-02-QT1-2025

Tgt Ion:142 Resp: 97900
Ion Ratio Lower Upper
142 100
141 88.5 71.3 106.9

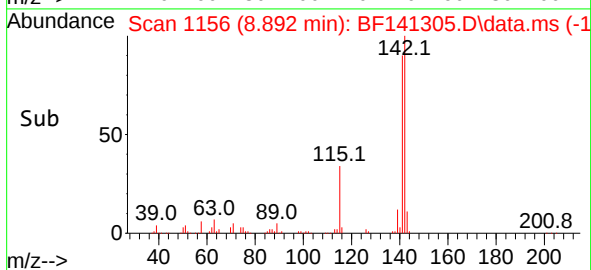
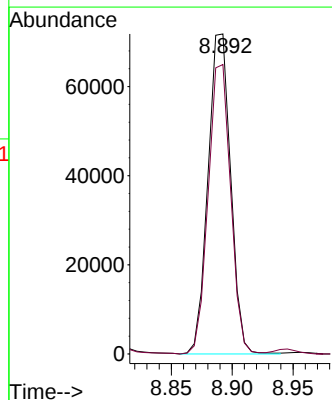
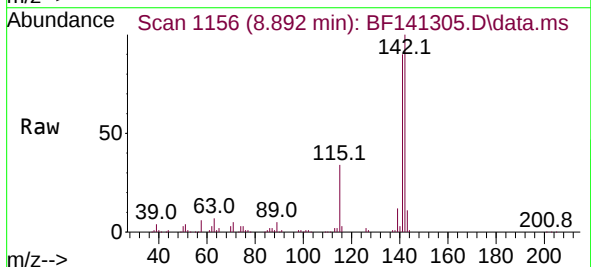
Manual Integrations
APPROVED

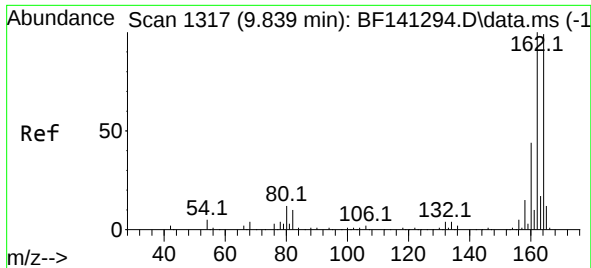
Reviewed By :Yogesh Patel 01/31/2025
Supervised By :mohammad ahmed 01/31/2025



#38
1-Methylnaphthalene
Concen: 5.174 ng
RT: 8.892 min Scan# 1156
Delta R.T. -0.006 min
Lab File: BF141305.D
Acq: 30 Jan 2025 10:53

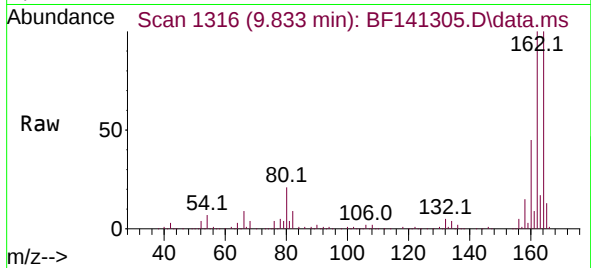
Tgt Ion:142 Resp: 92734
Ion Ratio Lower Upper
142 100
141 90.5 73.2 109.8





#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.833 min Scan# 1167
Delta R.T. -0.006 min
Lab File: BF141305.D
Acq: 30 Jan 2025 10:53

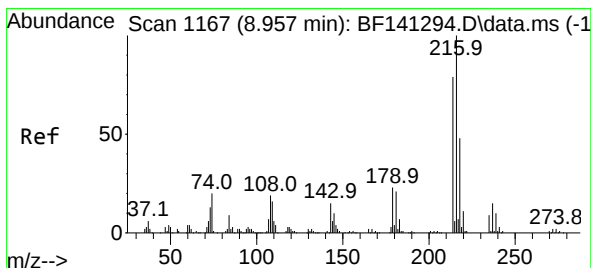
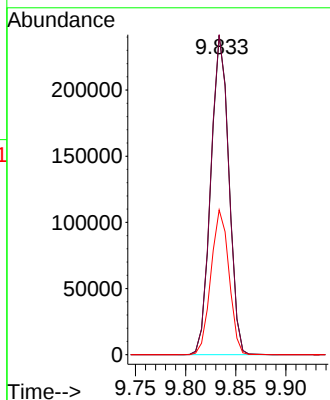
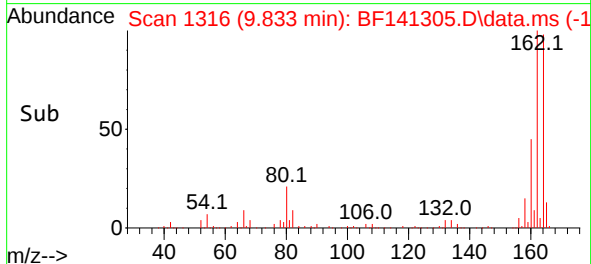
Instrument :
BNA_F
ClientSampleId :
LOQ-WATER-02-QT1-2025



Tgt Ion:164 Resp: 300870
Ion Ratio Lower Upper
164 100
162 100.3 80.6 121.0
160 45.4 35.8 53.6

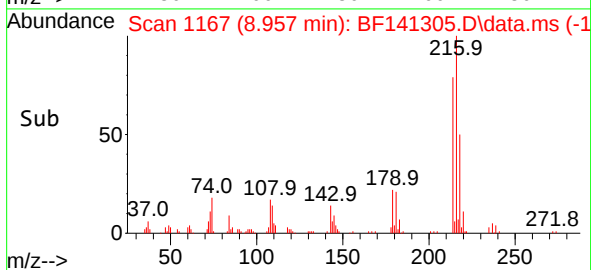
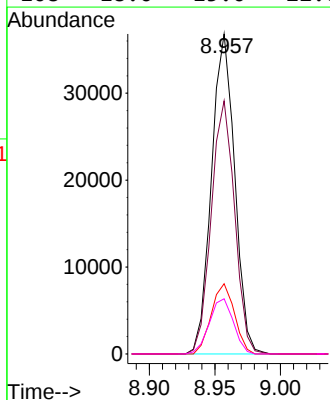
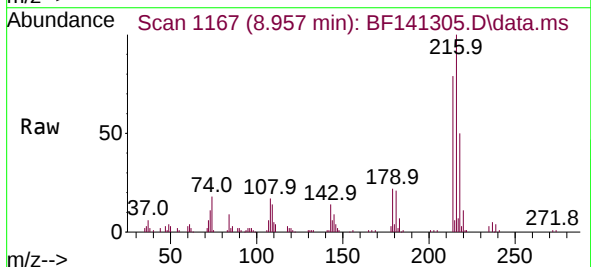
Manual Integrations
APPROVED

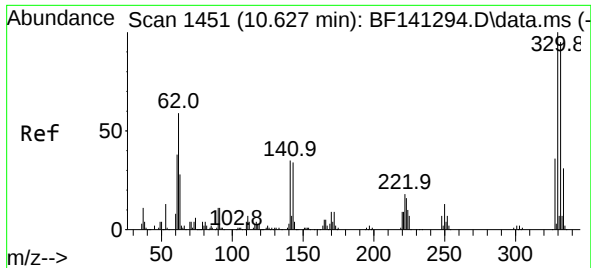
Reviewed By :Yogesh Patel 01/31/2025
Supervised By :mohammad ahmed 01/31/2025



#40
1,2,4,5-Tetrachlorobenzene
Concen: 5.285 ng
RT: 8.957 min Scan# 1167
Delta R.T. -0.006 min
Lab File: BF141305.D
Acq: 30 Jan 2025 10:53

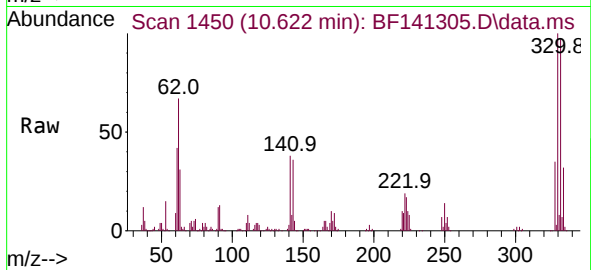
Tgt Ion:216 Resp: 45240
Ion Ratio Lower Upper
216 100
214 79.4 63.2 94.8
179 21.9 17.8 26.8
108 18.0 15.0 22.6





#42
2,4,6-Tribromophenol
Concen: 95.762 ng
RT: 10.622 min Scan# 1451
Delta R.T. -0.012 min
Lab File: BF141305.D
Acq: 30 Jan 2025 10:53

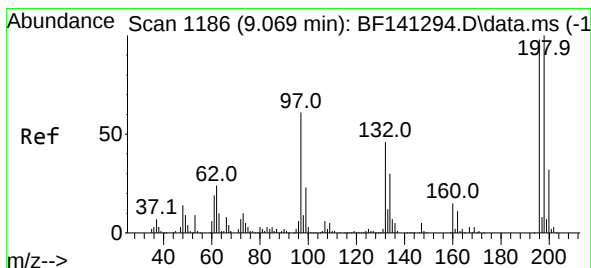
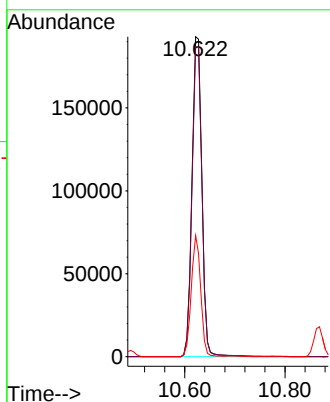
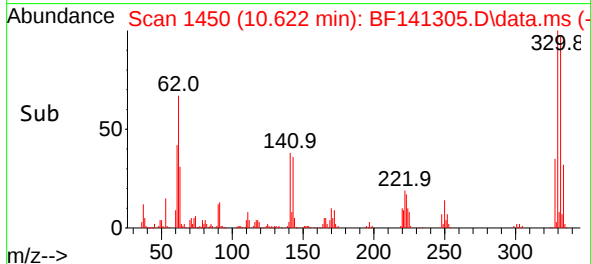
Instrument : BNA_F
ClientSampleId : LOQ-WATER-02-QT1-2025



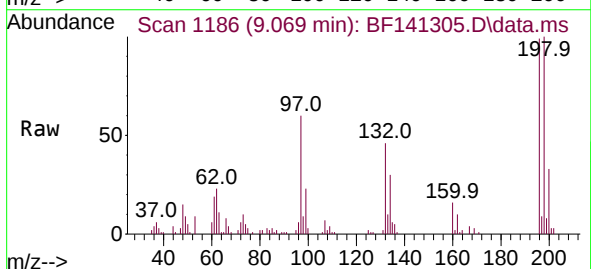
Tgt Ion: 330 Resp: 264144
Ion Ratio Lower Upper
330 100
332 96.9 76.1 114.1
141 35.9 28.8 43.2

Manual Integrations
APPROVED

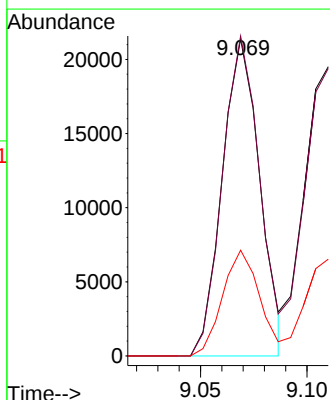
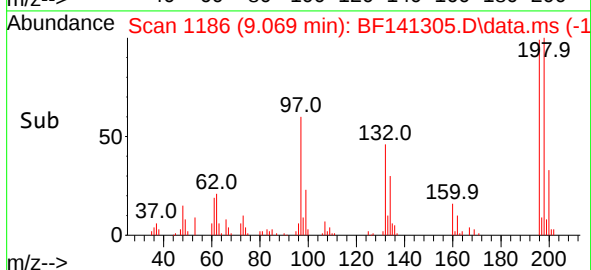
Reviewed By : Yogesh Patel 01/31/2025
Supervised By : mohammad ahmed 01/31/2025

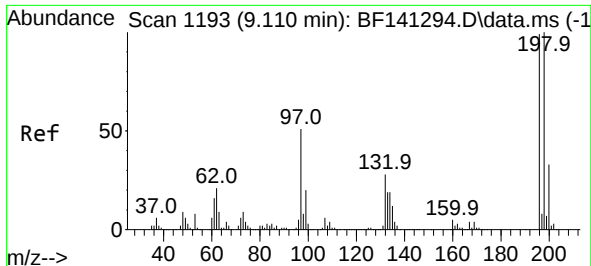


#43
2,4,6-Trichlorophenol
Concen: 4.682 ng
RT: 9.069 min Scan# 1186
Delta R.T. -0.006 min
Lab File: BF141305.D
Acq: 30 Jan 2025 10:53



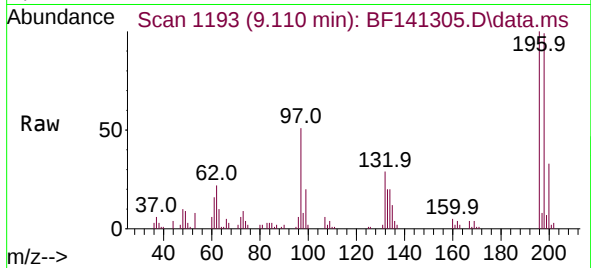
Tgt Ion: 196 Resp: 26232
Ion Ratio Lower Upper
196 100
198 101.0 81.8 122.6
200 33.4 26.3 39.5





#44
2,4,5-Trichlorophenol
Concen: 4.846 ng
RT: 9.110 min Scan# 1193
Delta R.T. -0.006 min
Lab File: BF141305.D
Acq: 30 Jan 2025 10:53

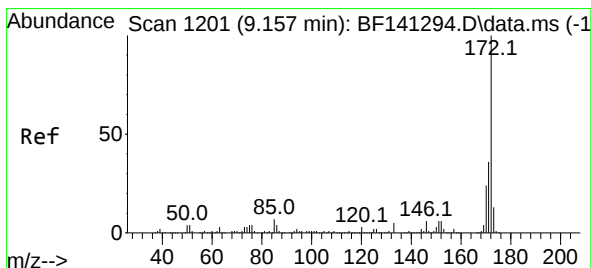
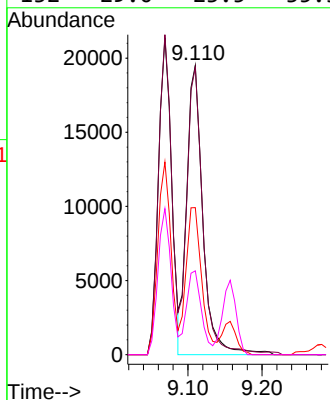
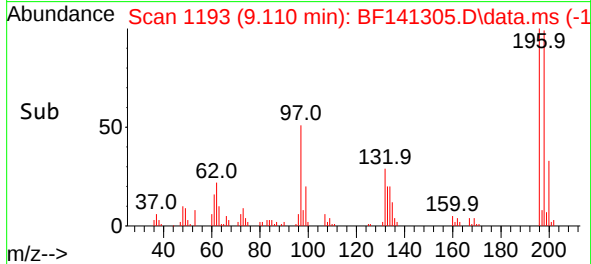
Instrument :
BNA_F
ClientSampleId :
LOQ-WATER-02-QT1-2025



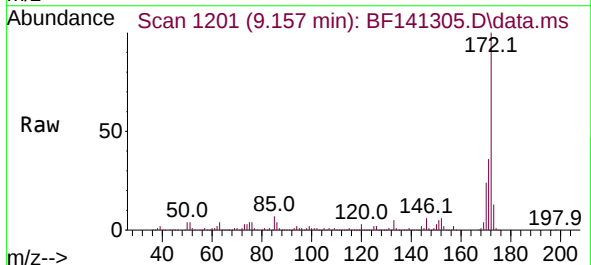
Tgt Ion:196 Resp: 2954
Ion Ratio Lower Upper
196 100
198 99.4 80.5 120.7
97 50.8 42.8 64.2
132 29.0 23.5 35.3

Manual Integrations
APPROVED

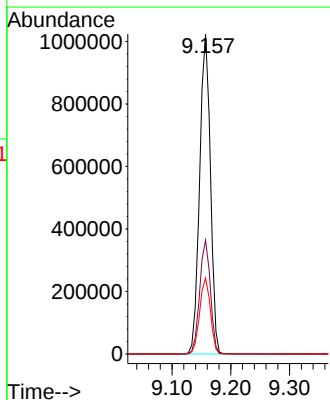
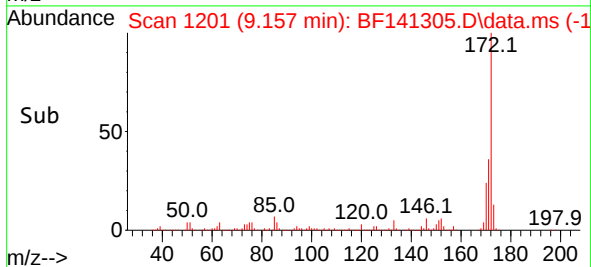
Reviewed By :Yogesh Patel 01/31/2025
Supervised By :mohammad ahmed 01/31/2025

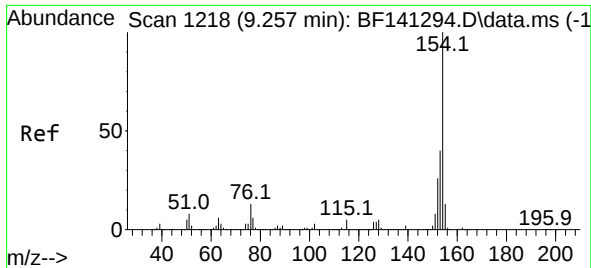


#45
2-Fluorobiphenyl
Concen: 66.503 ng
RT: 9.157 min Scan# 1201
Delta R.T. -0.006 min
Lab File: BF141305.D
Acq: 30 Jan 2025 10:53



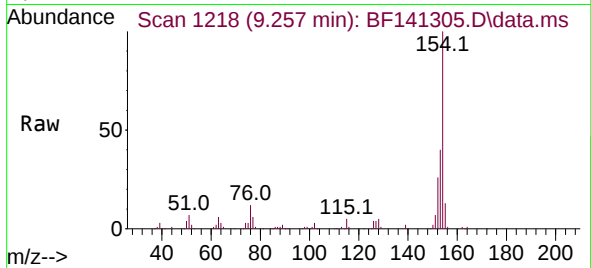
Tgt Ion:172 Resp: 1299971
Ion Ratio Lower Upper
172 100
171 35.6 28.8 43.2
170 23.8 19.0 28.6





#46
1,1'-Biphenyl
Concen: 5.629 ng
RT: 9.257 min Scan# 1218
Delta R.T. -0.006 min
Lab File: BF141305.D
Acq: 30 Jan 2025 10:53

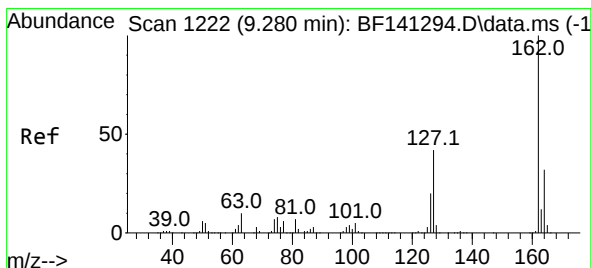
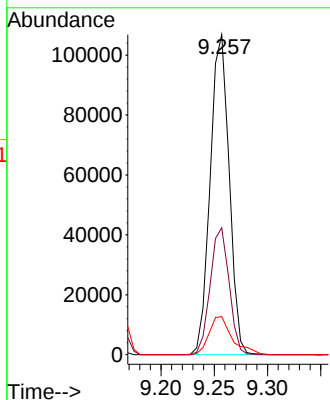
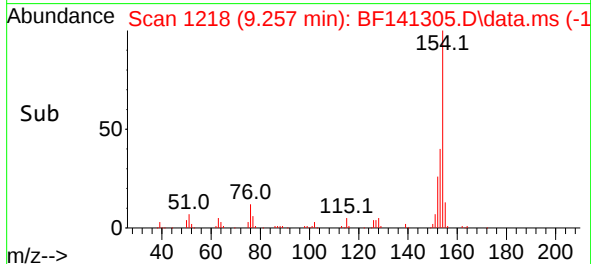
Instrument : BNA_F
ClientSampleId :
LOQ-WATER-02-QT1-2025



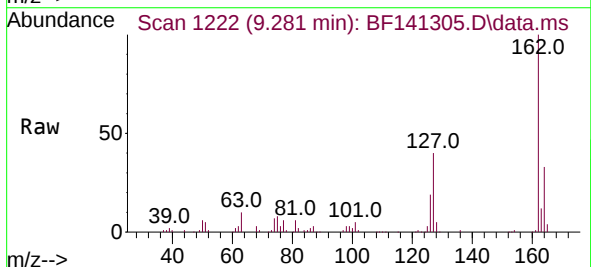
Tgt Ion:154 Resp: 13208
Ion Ratio Lower Upper
154 100
153 39.6 20.0 60.0
76 11.9 0.0 32.8

Manual Integrations
APPROVED

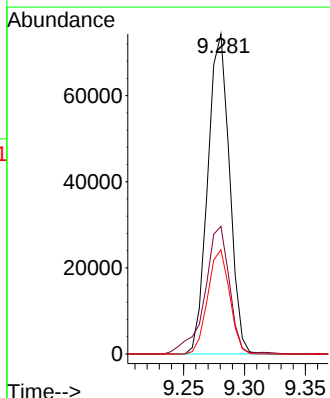
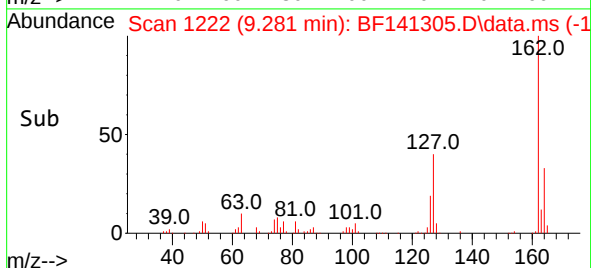
Reviewed By :Yogesh Patel 01/31/2025
Supervised By :mohammad ahmed 01/31/2025

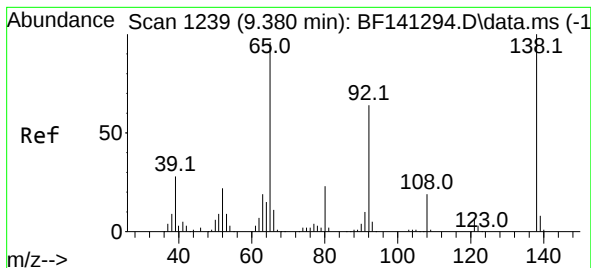


#47
2-Chloronaphthalene
Concen: 5.040 ng
RT: 9.281 min Scan# 1222
Delta R.T. -0.006 min
Lab File: BF141305.D
Acq: 30 Jan 2025 10:53



Tgt Ion:162 Resp: 92174
Ion Ratio Lower Upper
162 100
127 39.9 33.7 50.5
164 32.5 25.9 38.9





#48

2-Nitroaniline

Concen: 4.654 ng

RT: 9.375 min Scan# 1238

Delta R.T. -0.006 min

Lab File: BF141305.D

Acq: 30 Jan 2025 10:53

Instrument :

BNA_F

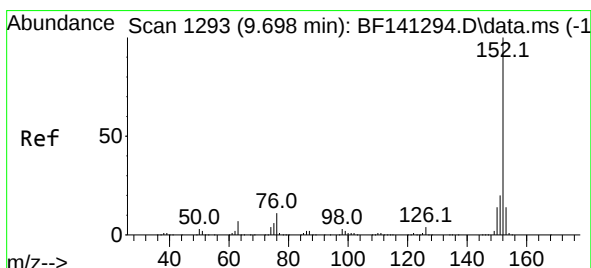
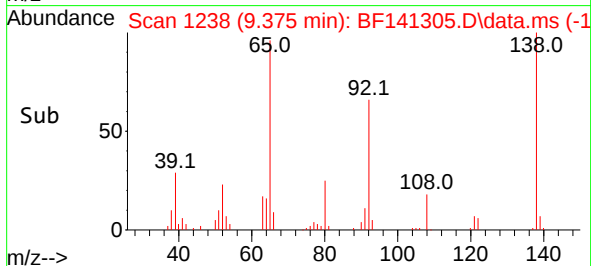
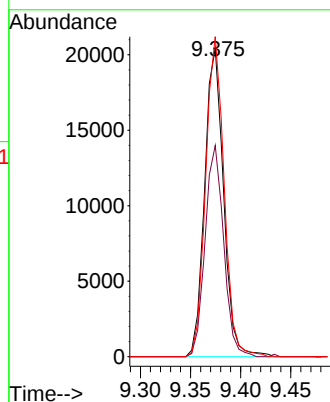
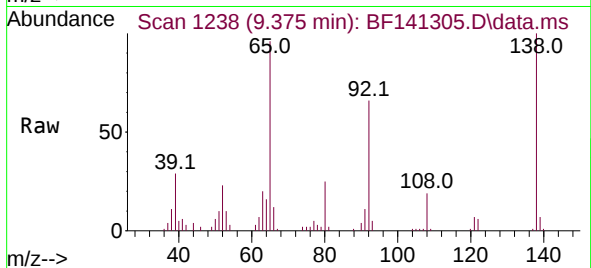
ClientSampleId :

LOQ-WATER-02-QT1-2025

Tgt Ion:	65	Resp:	26774
Ion Ratio	Lower	Upper	
65	100		
92	68.5	53.3	79.9
138	103.7	83.6	125.4

Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 01/31/2025
Supervised By :mohammad ahmed 01/31/2025



#49

Acenaphthylene

Concen: 5.647 ng

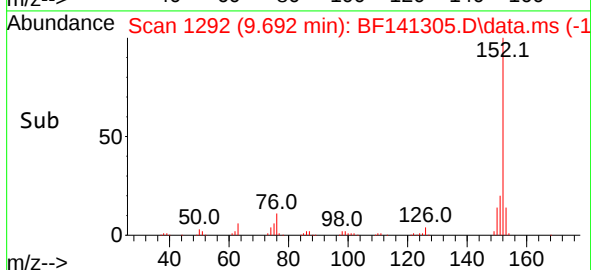
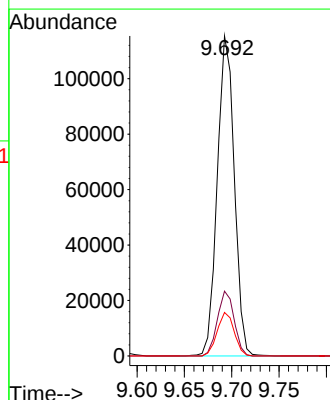
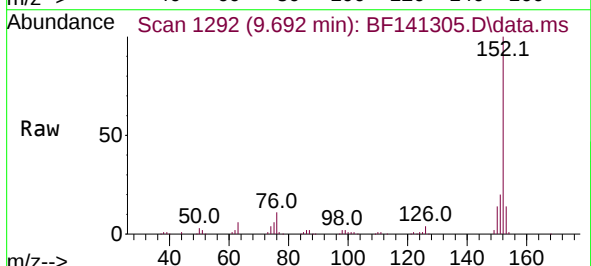
RT: 9.692 min Scan# 1292

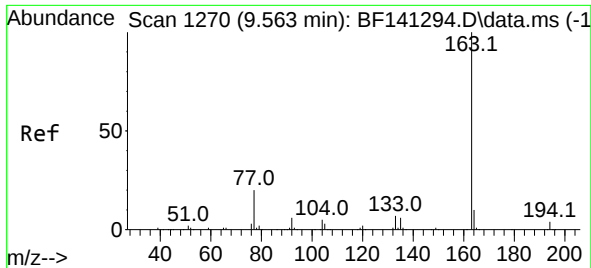
Delta R.T. -0.012 min

Lab File: BF141305.D

Acq: 30 Jan 2025 10:53

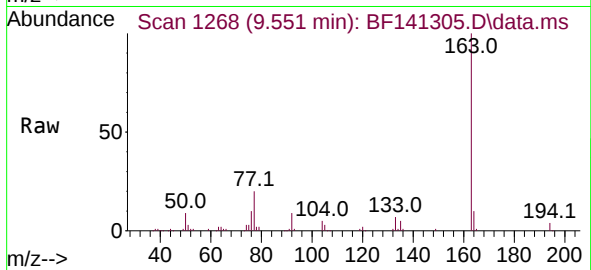
Tgt Ion:	152	Resp:	144586
Ion Ratio	Lower	Upper	
152	100		
151	20.3	16.2	24.2
153	13.6	11.0	16.6





#50
Dimethylphthalate
Concen: 5.369 ng
RT: 9.551 min Scan# 1268
Delta R.T. -0.018 min
Lab File: BF141305.D
Acq: 30 Jan 2025 10:53

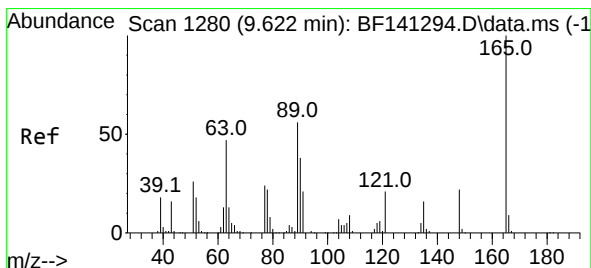
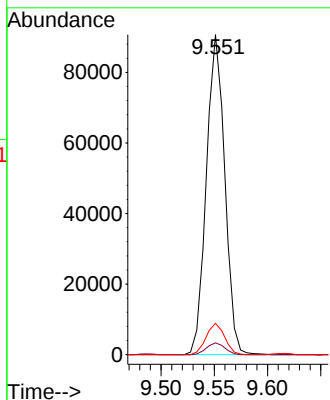
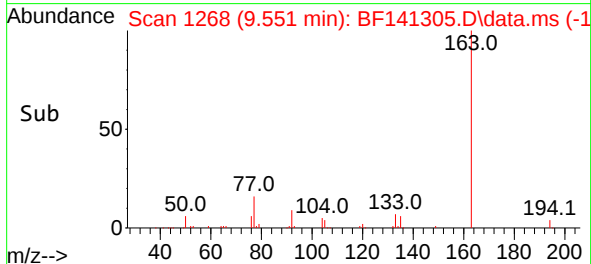
Instrument : BNA_F
ClientSampleId :
LOQ-WATER-02-QT1-2025



Tgt Ion:163 Resp: 109099
Ion Ratio Lower Upper
163 100
194 3.7 3.0 4.6
164 9.8 8.0 12.0

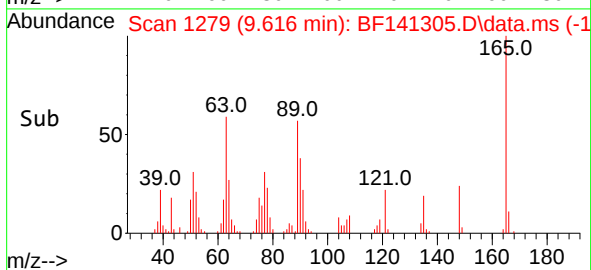
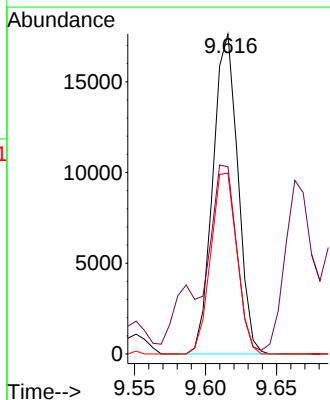
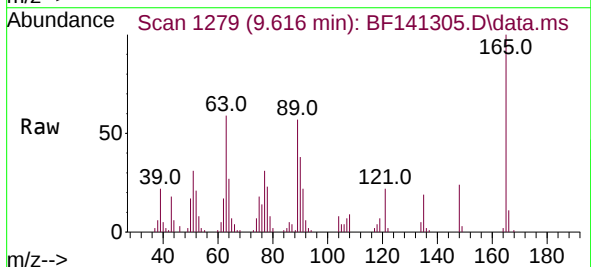
Manual Integrations
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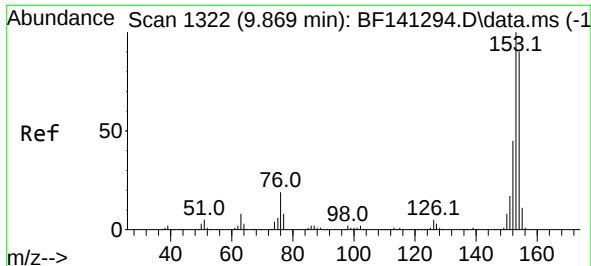
Reviewed By :Yogesh Patel 01/31/2025
Supervised By :mohammad ahmed 01/31/2025



#51
2,6-Dinitrotoluene
Concen: 4.568 ng
RT: 9.616 min Scan# 1279
Delta R.T. -0.012 min
Lab File: BF141305.D
Acq: 30 Jan 2025 10:53

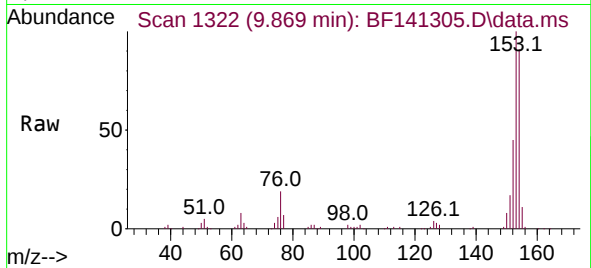
Tgt Ion:165 Resp: 21551
Ion Ratio Lower Upper
165 100
63 58.5 48.1 72.1
89 56.5 44.9 67.3





#52
Acenaphthene
Concen: 5.261 ng
RT: 9.869 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF141305.D
Acq: 30 Jan 2025 10:53

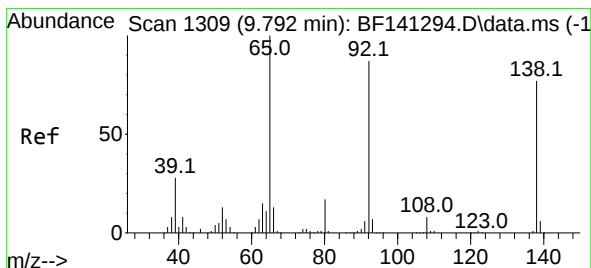
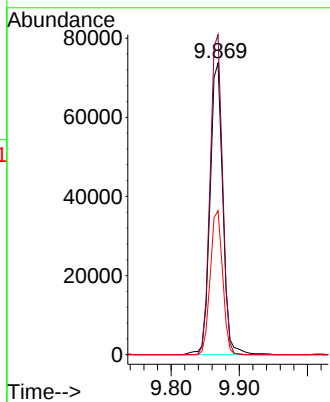
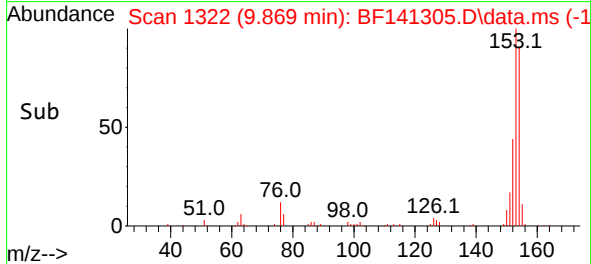
Instrument :
BNA_F
ClientSampleId :
LOQ-WATER-02-QT1-2025



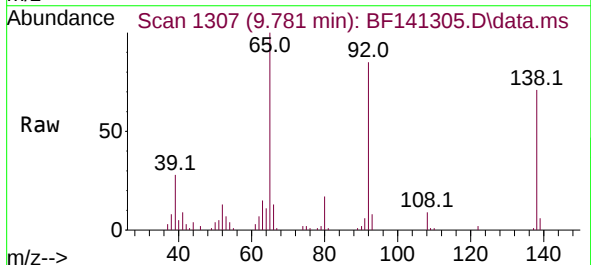
Tgt Ion:154 Resp: 96220
Ion Ratio Lower Upper
154 100
153 109.8 89.0 133.4
152 49.4 40.2 60.4

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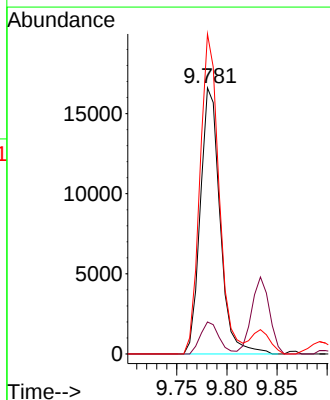
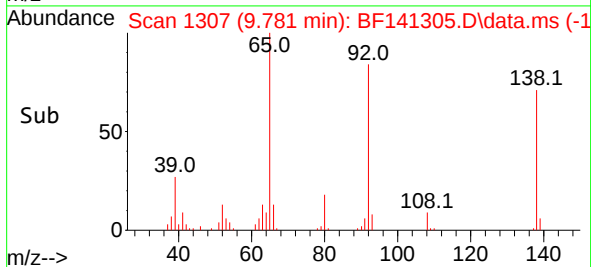
Reviewed By :Yogesh Patel 01/31/2025
Supervised By :mohammad ahmed 01/31/2025

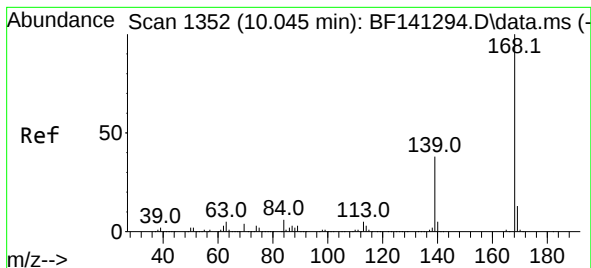


#53
3-Nitroaniline
Concen: 4.925 ng
RT: 9.781 min Scan# 1307
Delta R.T. -0.018 min
Lab File: BF141305.D
Acq: 30 Jan 2025 10:53



Tgt Ion:138 Resp: 22774
Ion Ratio Lower Upper
138 100
108 12.1 8.6 12.8
92 120.3 91.0 136.6





#55

Dibenzenofuran

Concen: 5.495 ng

RT: 10.039 min Scan# 1345

Delta R.T. -0.006 min

Lab File: BF141305.D

Acq: 30 Jan 2025 10:53

Instrument :

BNA_F

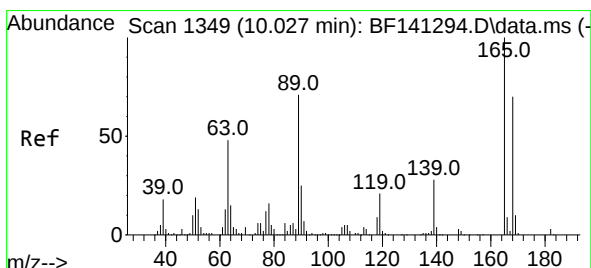
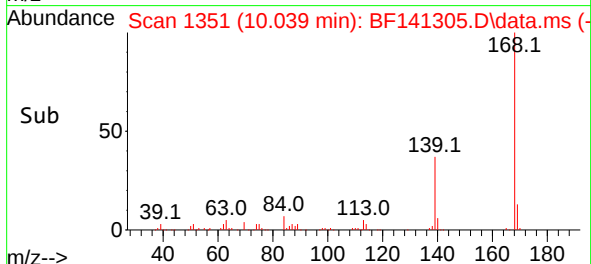
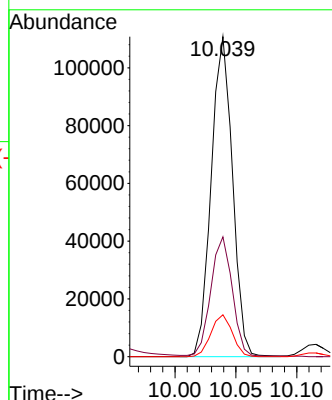
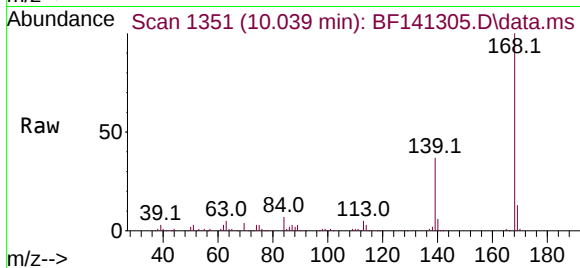
ClientSampleId :

LOQ-WATER-02-QT1-2025

Tgt Ion:168 Resp: 134530
 Ion Ratio Lower Upper
 168 100
 139 37.5 30.6 46.0
 169 13.1 10.8 16.2

Manual Integrations
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Reviewed By :Yogesh Patel 01/31/2025
 Supervised By :mohammad ahmed 01/31/2025



#57

2,4-Dinitrotoluene

Concen: 5.034 ng

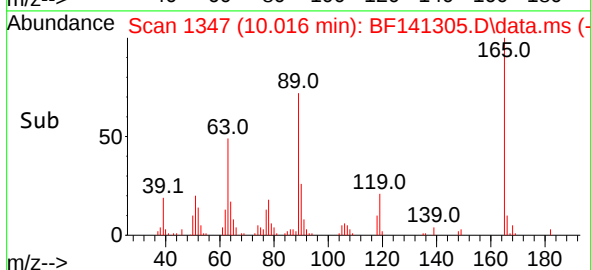
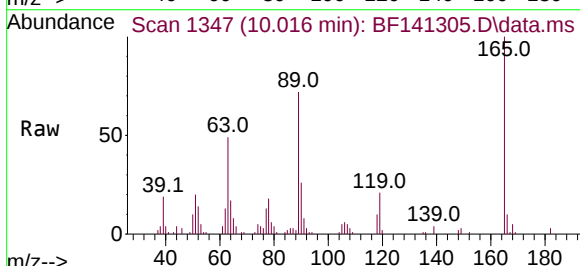
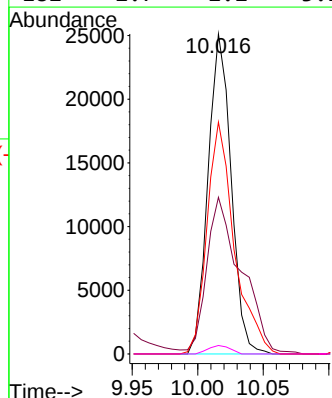
RT: 10.016 min Scan# 1347

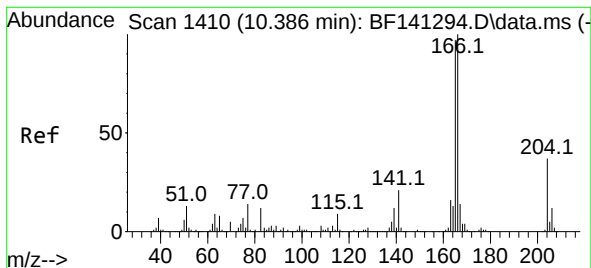
Delta R.T. -0.018 min

Lab File: BF141305.D

Acq: 30 Jan 2025 10:53

Tgt Ion:165 Resp: 30753
 Ion Ratio Lower Upper
 165 100
 63 48.9 39.2 58.8
 89 72.5 56.9 85.3
 182 2.7 2.2 3.2





#58

Fluorene

Concen: 5.674 ng

RT: 10.380 min Scan# 1410

Delta R.T. -0.012 min

Lab File: BF141305.D

Acq: 30 Jan 2025 10:53

Instrument :

BNA_F

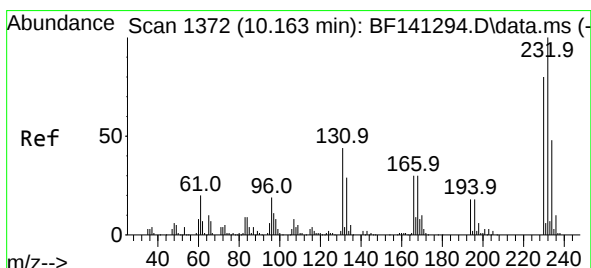
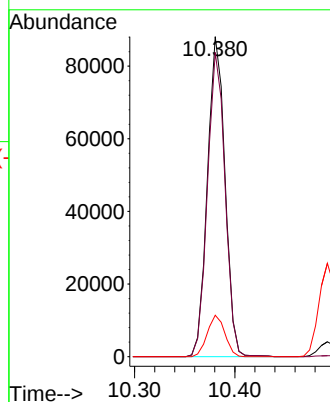
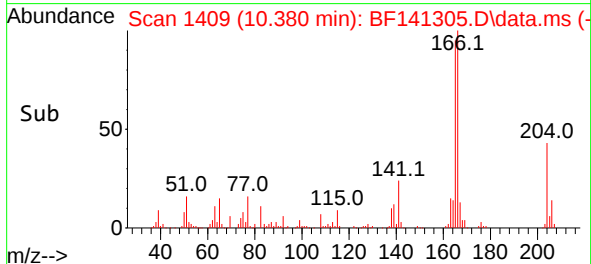
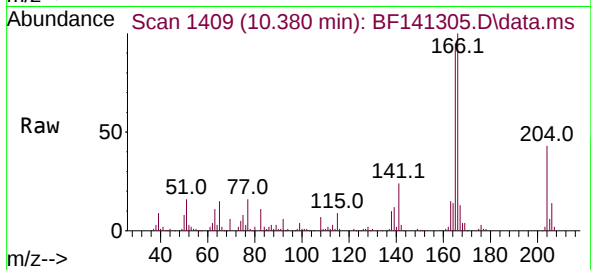
ClientSampleId :

LOQ-WATER-02-QT1-2025

Tgt Ion:166 Resp: 107748
 Ion Ratio Lower Upper
 166 100
 165 95.1 77.5 116.3
 167 13.0 10.9 16.3

Manual Integrations
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Reviewed By :Yogesh Patel 01/31/2025
 Supervised By :mohammad ahmed 01/31/2025



#59

2,3,4,6-Tetrachlorophenol

Concen: 5.211 ng

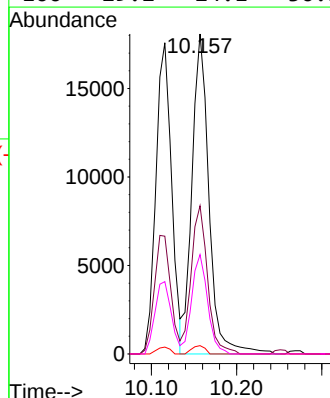
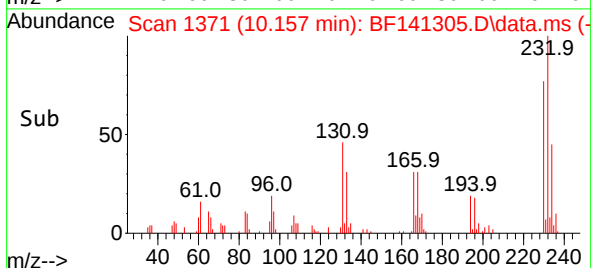
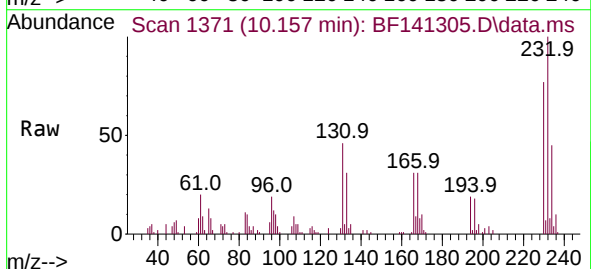
RT: 10.157 min Scan# 1371

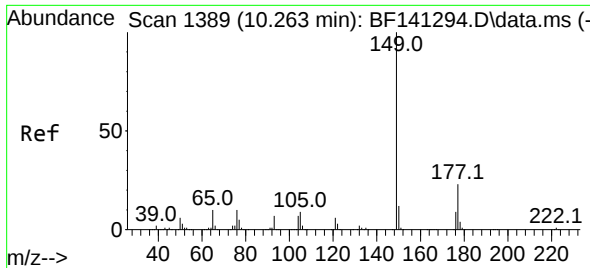
Delta R.T. -0.006 min

Lab File: BF141305.D

Acq: 30 Jan 2025 10:53

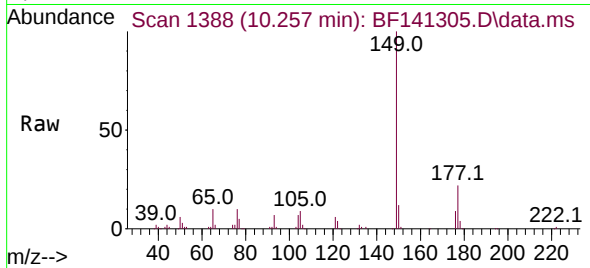
Tgt Ion:232 Resp: 24997
 Ion Ratio Lower Upper
 232 100
 131 44.8 36.4 54.6
 130 2.0 1.9 2.9
 166 29.2 24.1 36.1





#60
Diethylphthalate
Concen: 5.340 ng
RT: 10.257 min Scan# 11
Delta R.T. -0.012 min
Lab File: BF141305.D
Acq: 30 Jan 2025 10:53

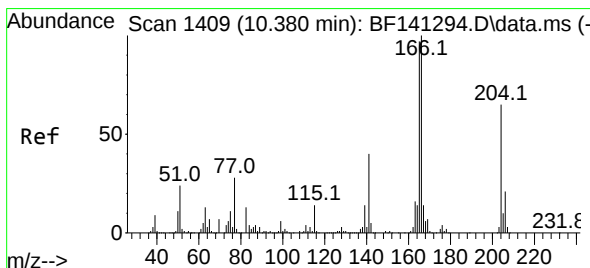
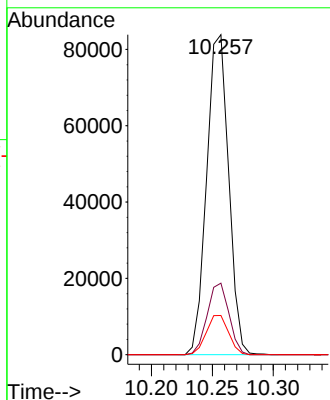
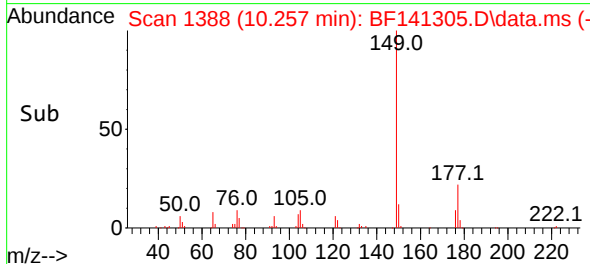
Instrument :
BNA_F
ClientSampleId :
LOQ-WATER-02-QT1-2025



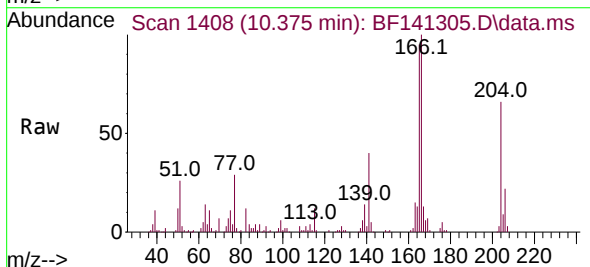
Tgt Ion:149 Resp: 105225
Ion Ratio Lower Upper
149 100
177 22.4 18.5 27.7
150 12.3 10.0 15.0

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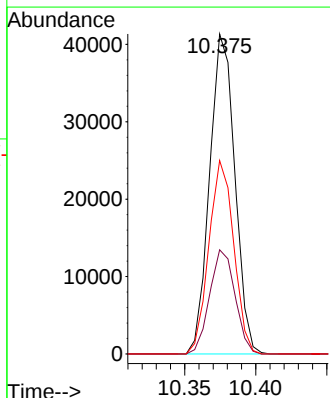
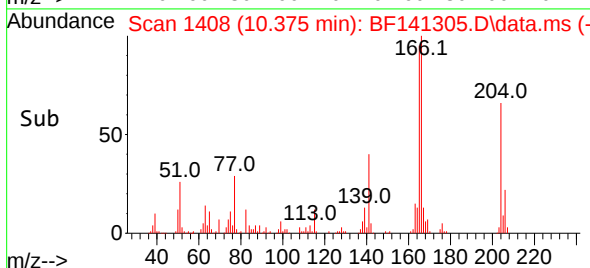
Reviewed By :Yogesh Patel 01/31/2025
Supervised By :mohammad ahmed 01/31/2025

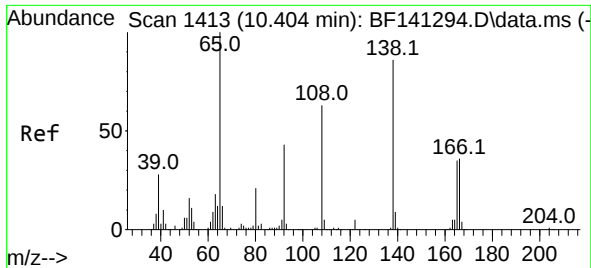


#61
4-Chlorophenyl-phenylether
Concen: 5.505 ng
RT: 10.375 min Scan# 1408
Delta R.T. -0.006 min
Lab File: BF141305.D
Acq: 30 Jan 2025 10:53



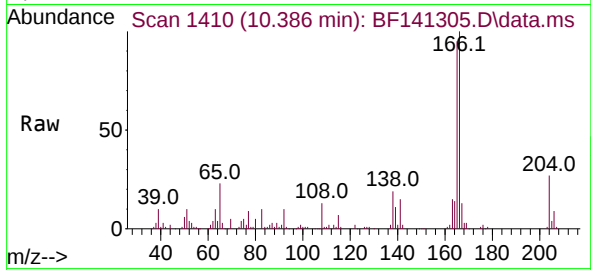
Tgt Ion:204 Resp: 51064
Ion Ratio Lower Upper
204 100
206 32.5 25.9 38.9
141 60.4 49.5 74.3





#62
4-Nitroaniline
Concen: 4.344 ng
RT: 10.386 min Scan# 1410
Delta R.T. -0.030 min
Lab File: BF141305.D
Acq: 30 Jan 2025 10:53

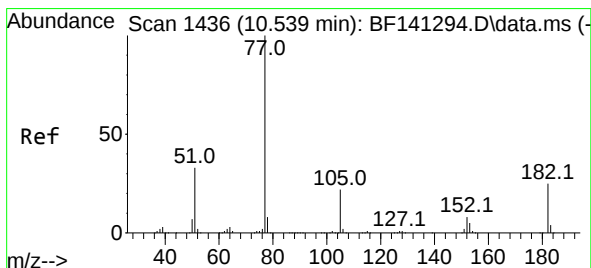
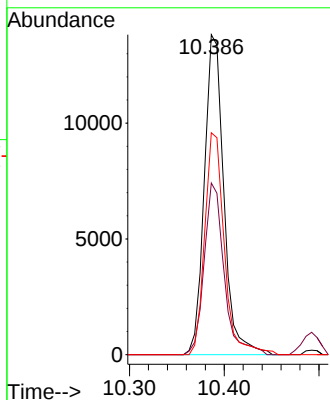
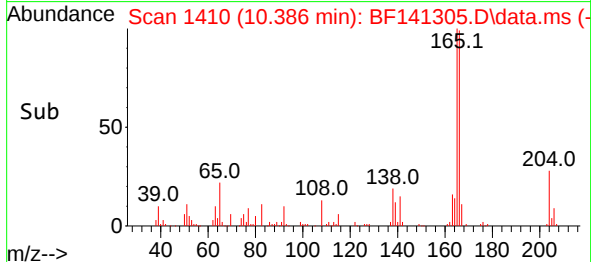
Instrument :
BNA_F
ClientSampleId :
LOQ-WATER-02-QT1-2025



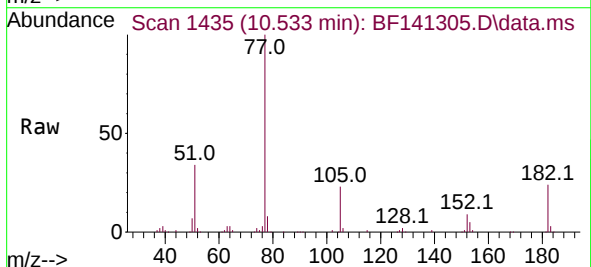
Tgt Ion:138 Resp: 19748
Ion Ratio Lower Upper
138 100
92 53.7 30.1 70.1
108 69.4 53.1 93.1

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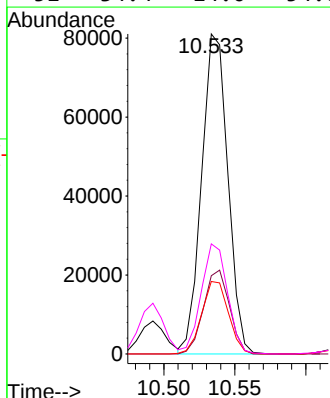
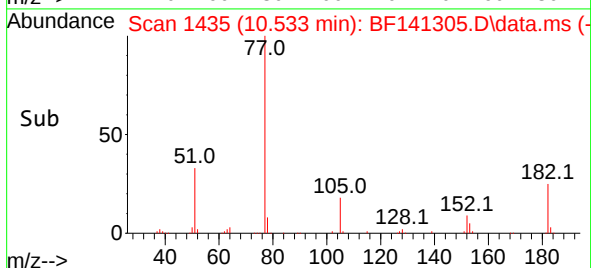
Reviewed By :Yogesh Patel 01/31/2025
Supervised By :mohammad ahmed 01/31/2025

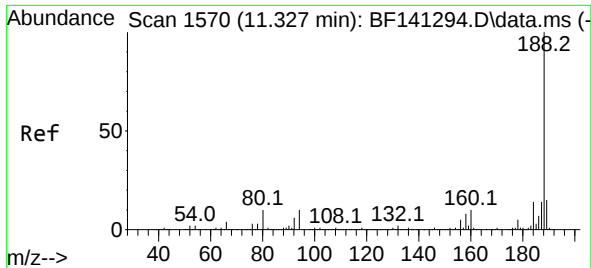


#63
Azobenzene
Concen: 5.292 ng
RT: 10.533 min Scan# 1435
Delta R.T. -0.012 min
Lab File: BF141305.D
Acq: 30 Jan 2025 10:53



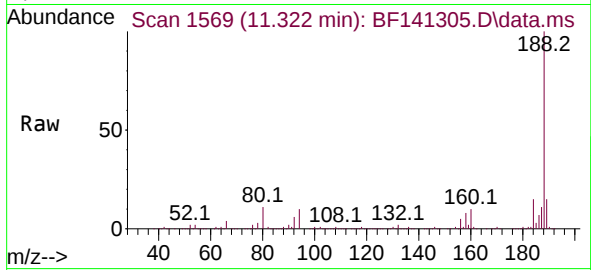
Tgt Ion: 77 Resp: 104381
Ion Ratio Lower Upper
77 100
182 24.5 5.1 45.1
105 22.7 1.8 41.8
51 34.4 14.0 54.0





#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.322 min Scan# 1569
Delta R.T. -0.006 min
Lab File: BF141305.D
Acq: 30 Jan 2025 10:53

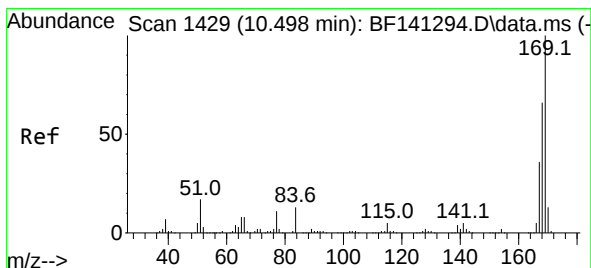
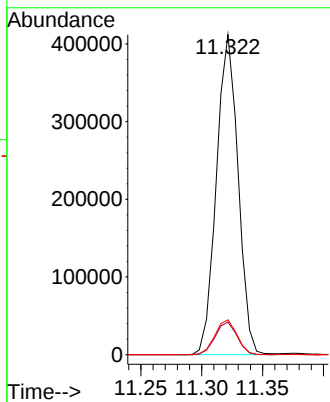
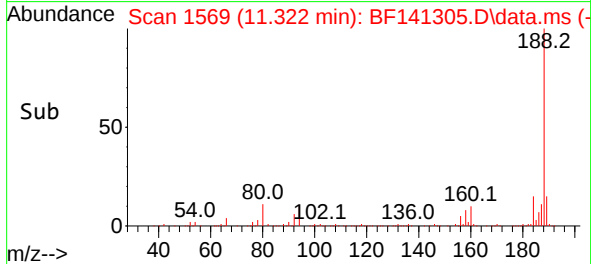
Instrument : BNA_F
ClientSampleId :
LOQ-WATER-02-QT1-2025



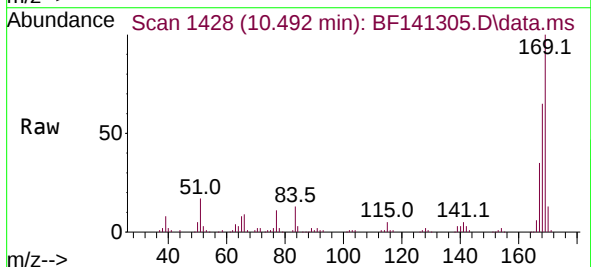
Tgt Ion:188 Resp: 510790
Ion Ratio Lower Upper
188 100
94 10.2 7.8 11.6
80 10.9 8.2 12.4

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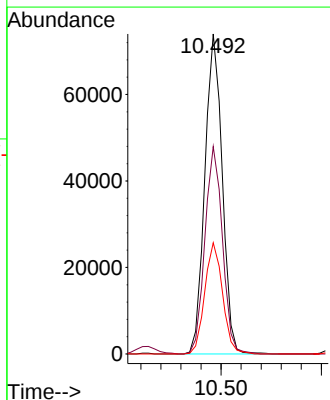
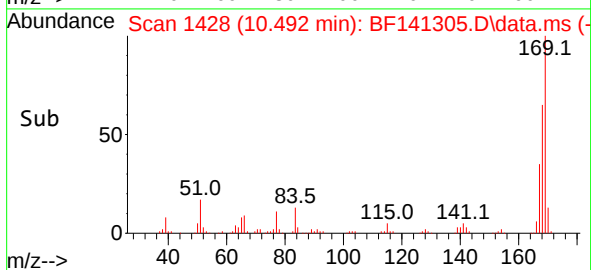
Reviewed By :Yogesh Patel 01/31/2025
Supervised By :mohammad ahmed 01/31/2025

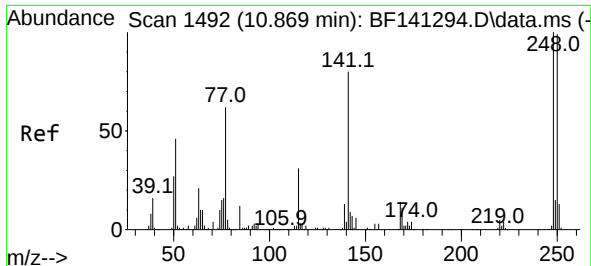


#66
n-Nitrosodiphenylamine
Concen: 5.411 ng
RT: 10.492 min Scan# 1428
Delta R.T. -0.012 min
Lab File: BF141305.D
Acq: 30 Jan 2025 10:53



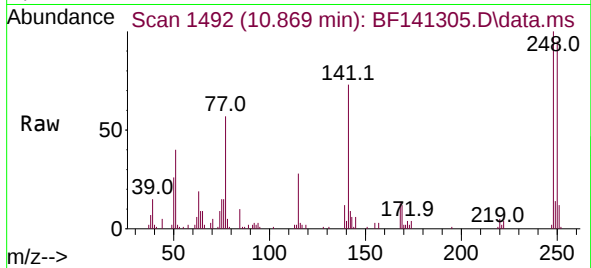
Tgt Ion:169 Resp: 89399
Ion Ratio Lower Upper
169 100
168 64.8 53.0 79.4
167 34.8 28.8 43.2





#67
4-Bromophenyl-phenylether
Concen: 5.369 ng
RT: 10.869 min Scan# 1492
Delta R.T. -0.006 min
Lab File: BF141305.D
Acq: 30 Jan 2025 10:53

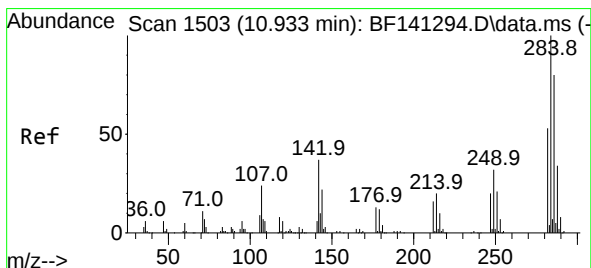
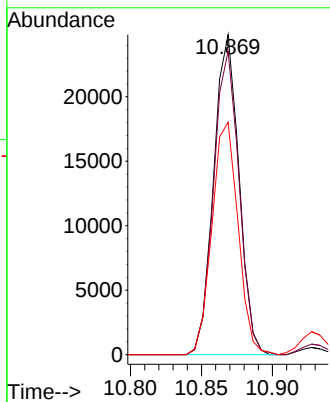
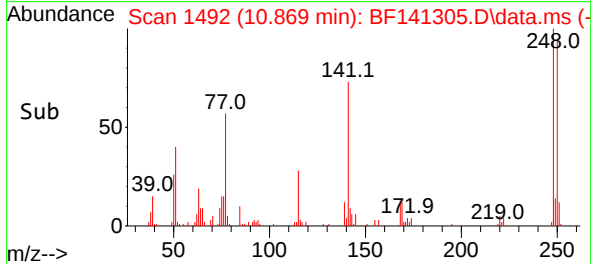
Instrument : BNA_F
ClientSampleId :
LOQ-WATER-02-QT1-2025



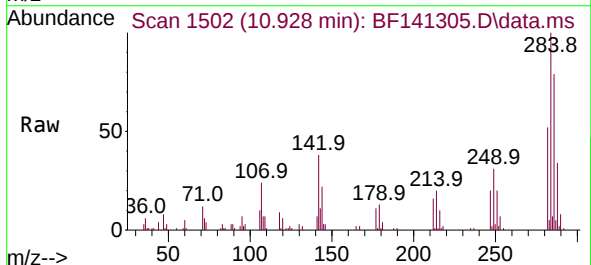
Tgt Ion:248 Resp: 30700
Ion Ratio Lower Upper
248 100
250 94.9 79.0 118.4
141 72.7 63.7 95.5

Manual Integrations
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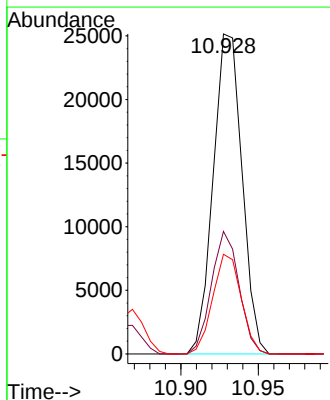
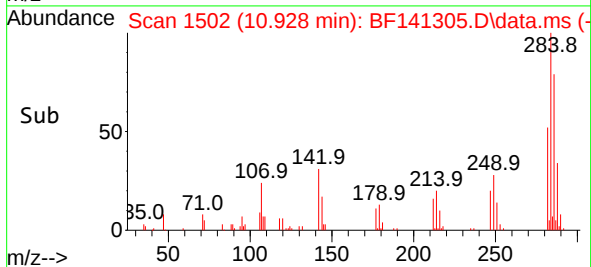
Reviewed By :Yogesh Patel 01/31/2025
Supervised By :mohammad ahmed 01/31/2025

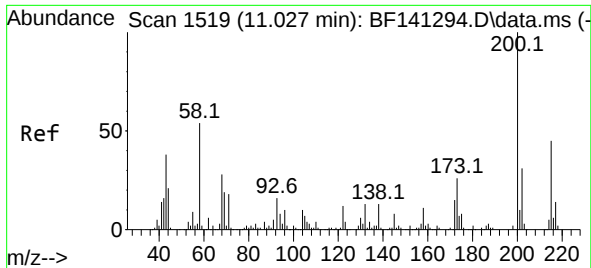


#68
Hexachlorobenzene
Concen: 5.370 ng
RT: 10.928 min Scan# 1502
Delta R.T. -0.012 min
Lab File: BF141305.D
Acq: 30 Jan 2025 10:53



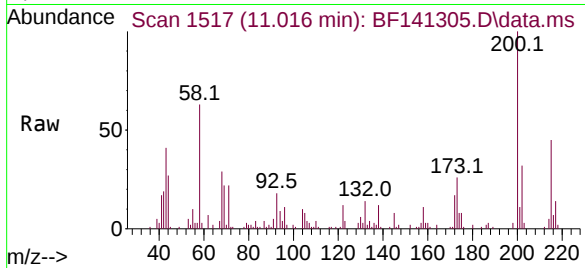
Tgt Ion:284 Resp: 32572
Ion Ratio Lower Upper
284 100
142 38.3 29.5 44.3
249 31.2 25.4 38.2





#69
Atrazine
 Concen: 5.306 ng
 RT: 11.016 min Scan# 11016
 Delta R.T. -0.018 min
 Lab File: BF141305.D
 Acq: 30 Jan 2025 10:53

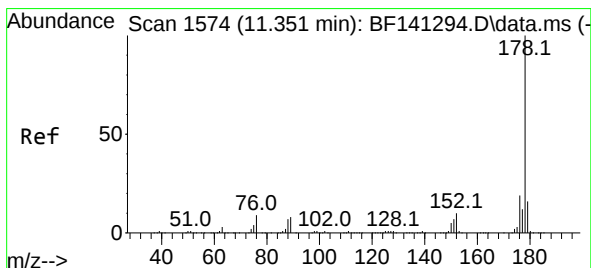
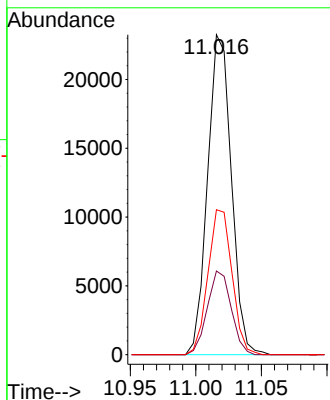
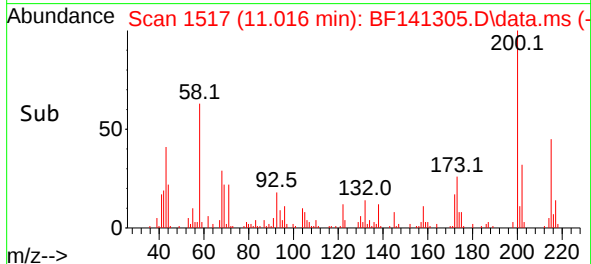
Instrument :
 BNA_F
ClientSampleId :
 LOQ-WATER-02-QT1-2025



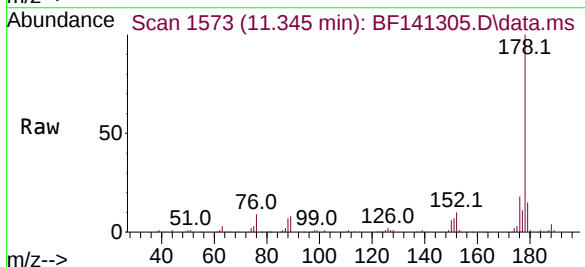
Tgt Ion:200 Resp: 2930
 Ion Ratio Lower Upper
 200 100
 173 26.1 5.9 45.9
 215 45.3 25.2 65.2

Manual Integrations
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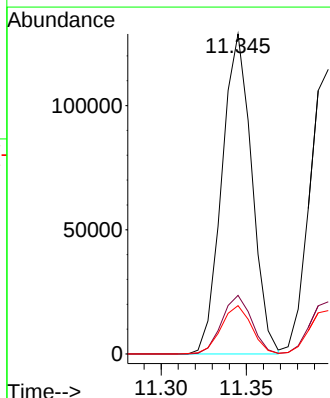
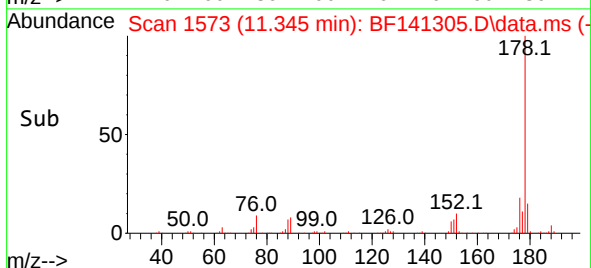
Reviewed By :Yogesh Patel 01/31/2025
 Supervised By :mohammad ahmed 01/31/2025

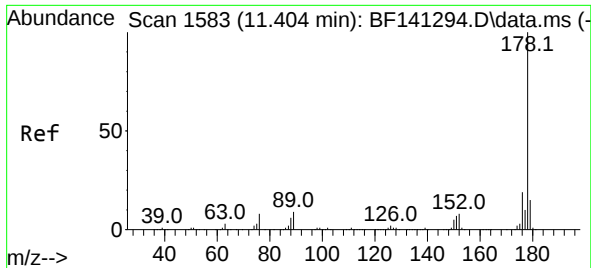


#71
Phenanthrene
 Concen: 5.738 ng
 RT: 11.345 min Scan# 1573
 Delta R.T. -0.006 min
 Lab File: BF141305.D
 Acq: 30 Jan 2025 10:53



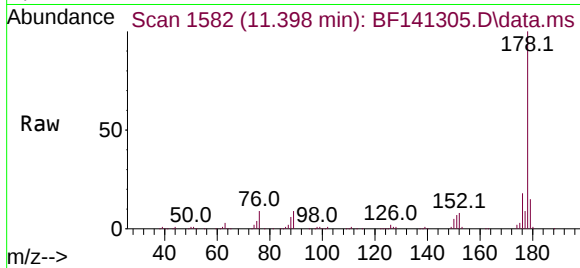
Tgt Ion:178 Resp: 157538
 Ion Ratio Lower Upper
 178 100
 176 18.3 15.3 22.9
 179 15.1 12.5 18.7





#72
 Anthracene
 Concen: 5.435 ng
 RT: 11.398 min Scan# 11398
 Delta R.T. -0.006 min
 Lab File: BF141305.D
 Acq: 30 Jan 2025 10:53

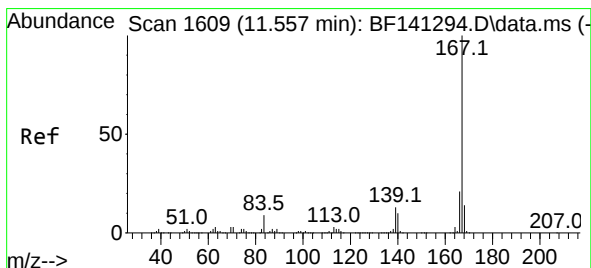
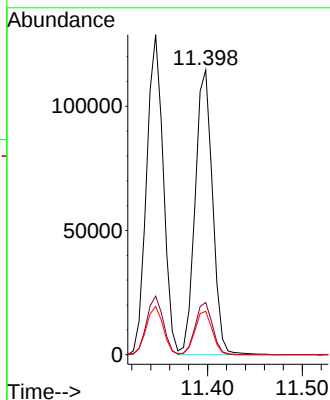
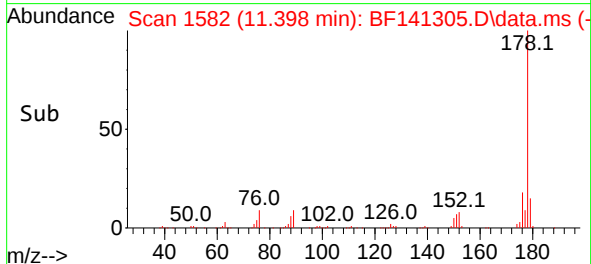
Instrument : BNA_F
 ClientSampleId :
 LOQ-WATER-02-QT1-2025



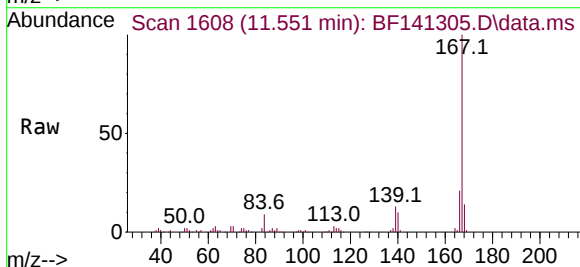
Tgt Ion:178 Resp: 146209
 Ion Ratio Lower Upper
 178 100
 176 18.3 15.0 22.6
 179 15.2 12.3 18.5

Manual Integrations
 APPROVED

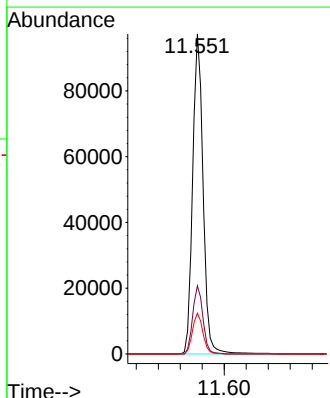
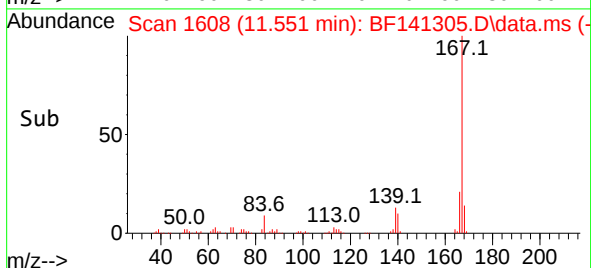
Reviewed By :Yogesh Patel 01/31/2025
 Supervised By :mohammad ahmed 01/31/2025

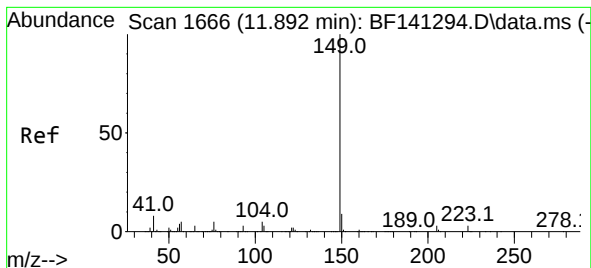


#73
 Carbazole
 Concen: 5.360 ng
 RT: 11.551 min Scan# 1608
 Delta R.T. -0.006 min
 Lab File: BF141305.D
 Acq: 30 Jan 2025 10:53



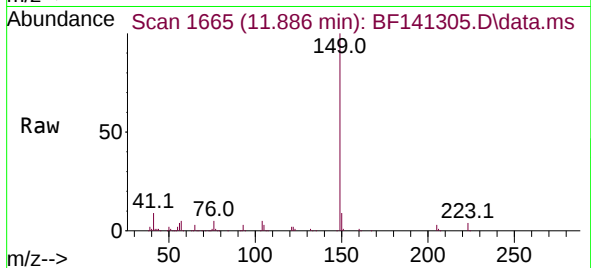
Tgt Ion:167 Resp: 127856
 Ion Ratio Lower Upper
 167 100
 166 21.3 17.0 25.6
 139 12.8 10.6 16.0





#74
Di-n-butylphthalate
Concen: 5.710 ng
RT: 11.886 min Scan# 1665
Delta R.T. -0.006 min
Lab File: BF141305.D
Acq: 30 Jan 2025 10:53

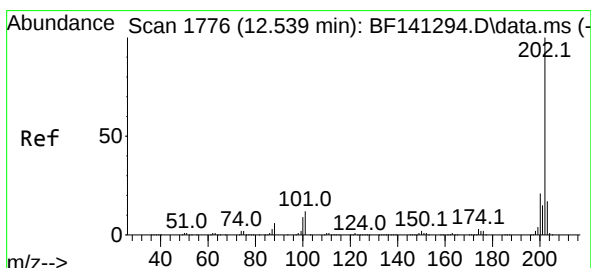
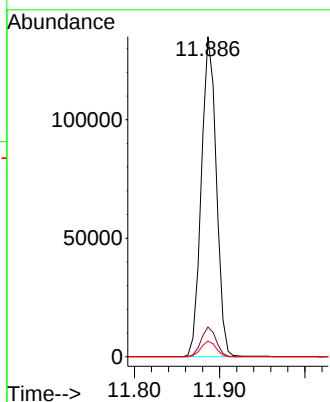
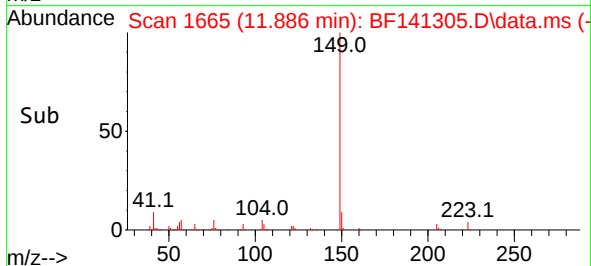
Instrument : BNA_F
ClientSampleId :
LOQ-WATER-02-QT1-2025



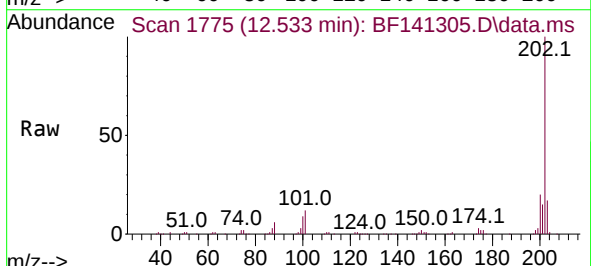
Tgt Ion:149 Resp: 165080
Ion Ratio Lower Upper
149 100
150 9.2 7.4 11.2
104 4.9 3.9 5.9

Manual Integrations
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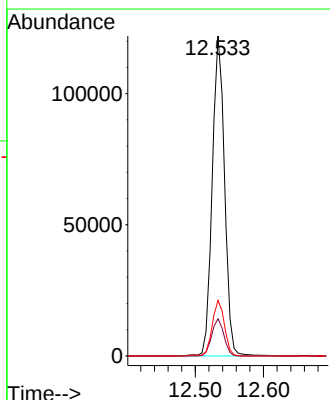
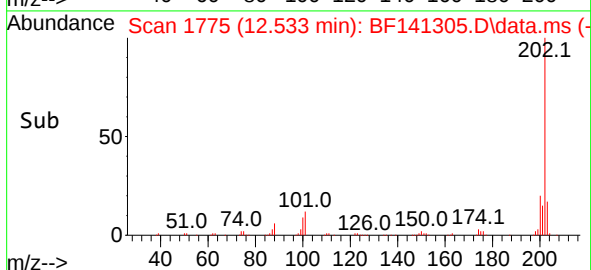
Reviewed By :Yogesh Patel 01/31/2025
Supervised By :mohammad ahmed 01/31/2025

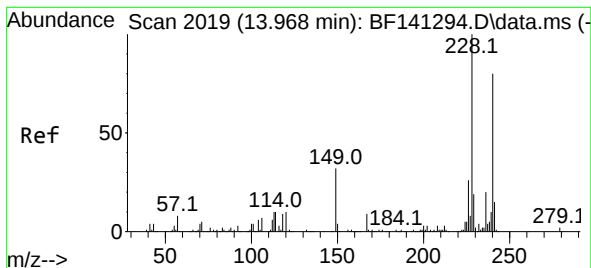


#75
Fluoranthene
Concen: 5.650 ng
RT: 12.533 min Scan# 1775
Delta R.T. -0.006 min
Lab File: BF141305.D
Acq: 30 Jan 2025 10:53



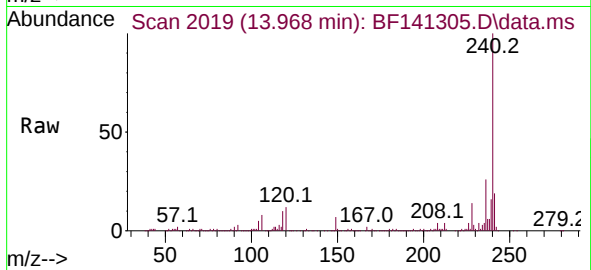
Tgt Ion:202 Resp: 153181
Ion Ratio Lower Upper
202 100
101 11.6 0.0 31.7
203 17.3 0.0 37.5





#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.968 min Scan# 2019
Delta R.T. -0.006 min
Lab File: BF141305.D
Acq: 30 Jan 2025 10:53

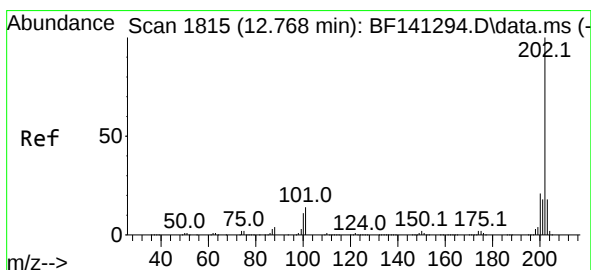
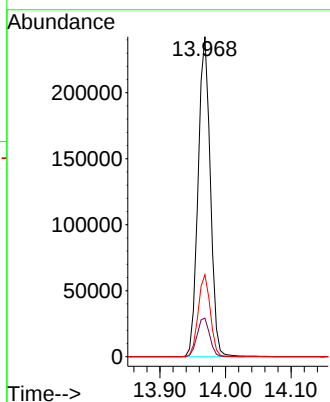
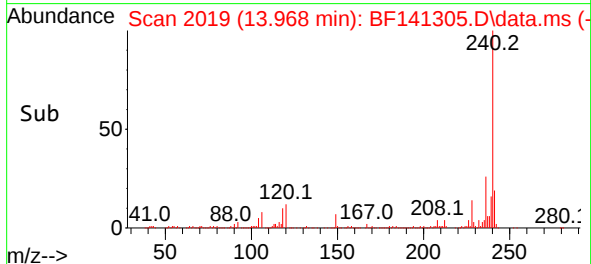
Instrument : BNA_F
ClientSampleId :
LOQ-WATER-02-QT1-2025



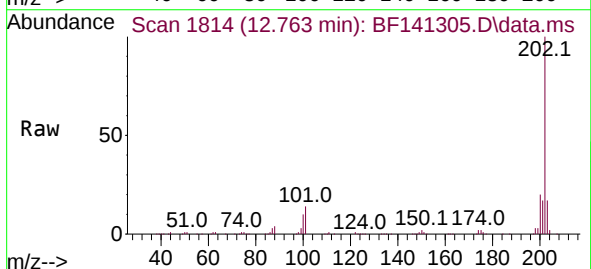
Tgt Ion:240 Resp: 31505
Ion Ratio Lower Upper
240 100
120 12.1 10.0 15.0
236 25.6 19.7 29.5

Manual Integrations
APPROVED

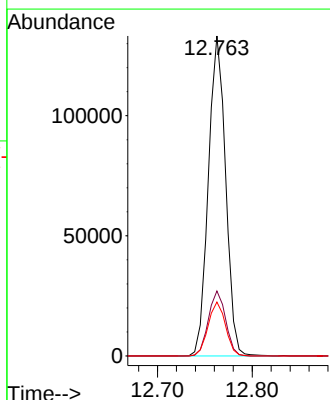
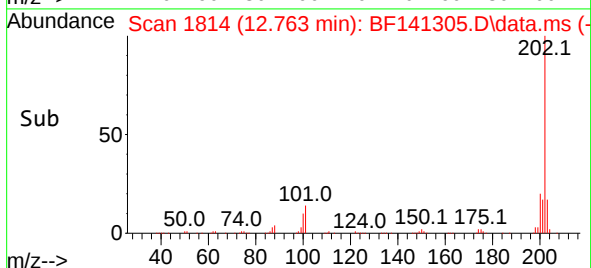
Reviewed By :Yogesh Patel 01/31/2025
Supervised By :mohammad ahmed 01/31/2025

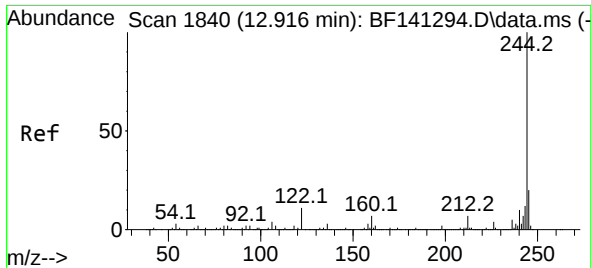


#78
Pyrene
Concen: 5.565 ng
RT: 12.763 min Scan# 1814
Delta R.T. -0.006 min
Lab File: BF141305.D
Acq: 30 Jan 2025 10:53



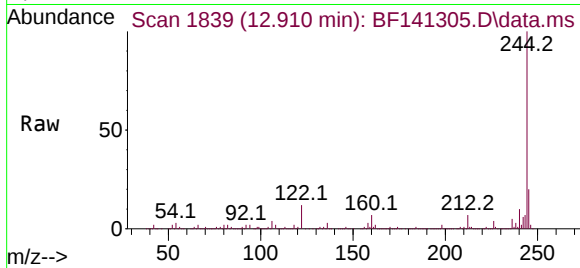
Tgt Ion:202 Resp: 168289
Ion Ratio Lower Upper
202 100
200 20.3 17.0 25.4
203 16.8 14.3 21.5





#79
 Terphenyl-d14
 Concen: 65.369 ng
 RT: 12.910 min Scan# 1840
 Delta R.T. -0.006 min
 Lab File: BF141305.D
 Acq: 30 Jan 2025 10:53

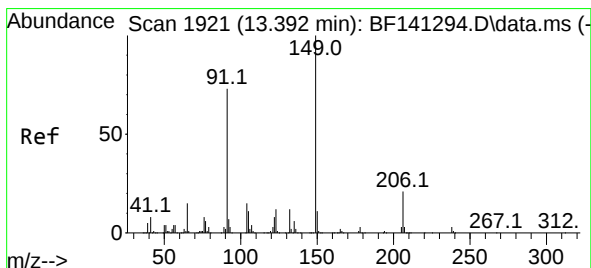
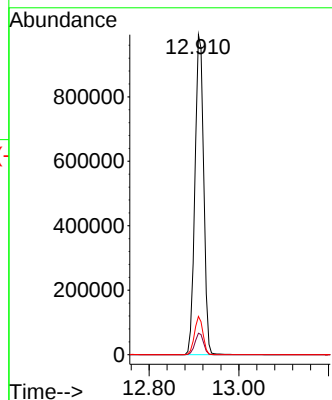
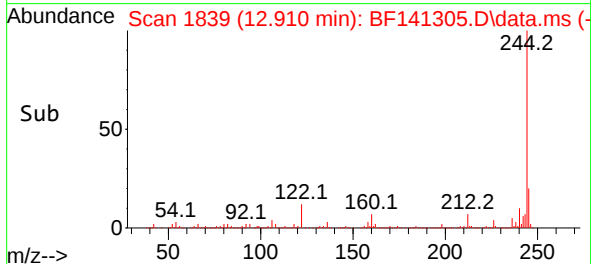
Instrument :
 BNA_F
 ClientSampleId :
 LOQ-WATER-02-QT1-2025



Tgt Ion:244 Resp: 1335410
 Ion Ratio Lower Upper
 244 100
 212 6.7 5.4 8.0
 122 12.0 8.8 13.2

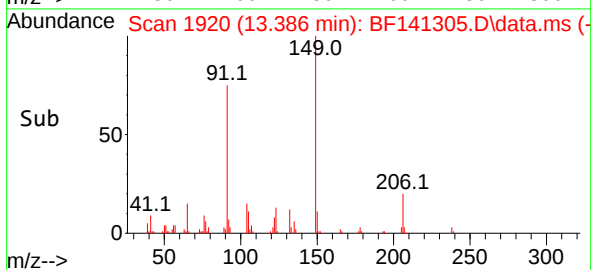
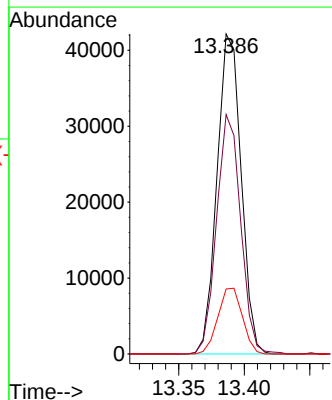
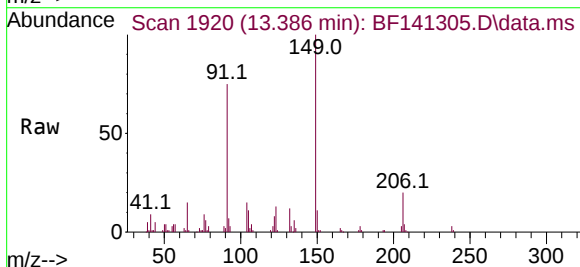
Manual Integrations
 APPROVED

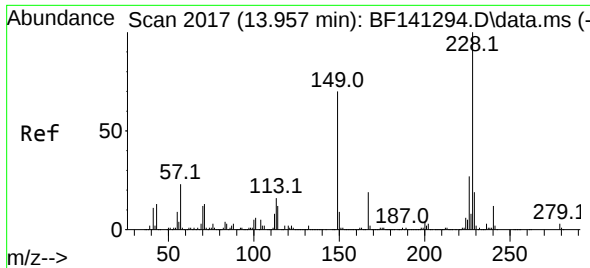
Reviewed By :Yogesh Patel 01/31/2025
 Supervised By :mohammad ahmed 01/31/2025



#80
 Butylbenzylphthalate
 Concen: 5.102 ng
 RT: 13.386 min Scan# 1920
 Delta R.T. -0.006 min
 Lab File: BF141305.D
 Acq: 30 Jan 2025 10:53

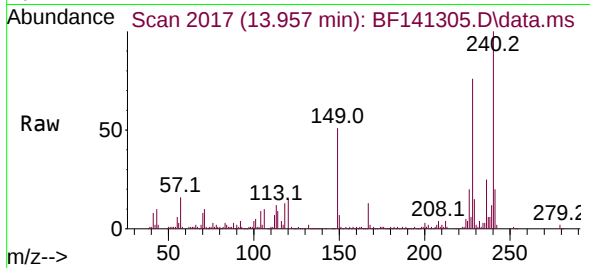
Tgt Ion:149 Resp: 53904
 Ion Ratio Lower Upper
 149 100
 91 74.8 58.6 87.8
 206 20.3 16.7 25.1





#81
Benzo(a)anthracene
Concen: 5.137 ng
RT: 13.957 min Scan# 2017
Delta R.T. -0.006 min
Lab File: BF141305.D
Acq: 30 Jan 2025 10:53

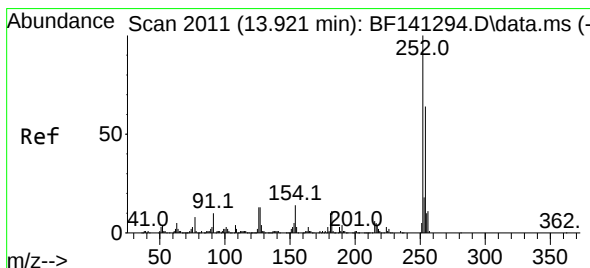
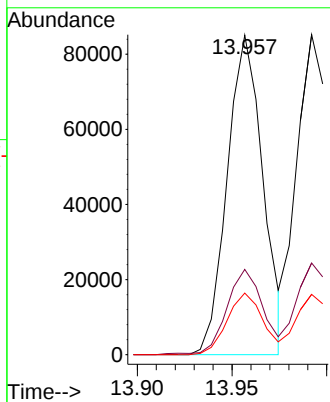
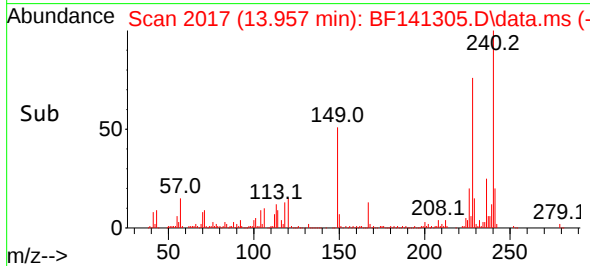
Instrument : BNA_F
ClientSampleId :
LOQ-WATER-02-QT1-2025



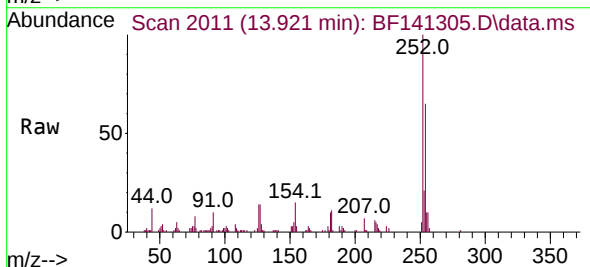
Tgt Ion:228 Resp: 11168
Ion Ratio Lower Upper
228 100
226 26.7 21.4 32.2
229 19.3 15.5 23.3

Manual Integrations
APPROVED

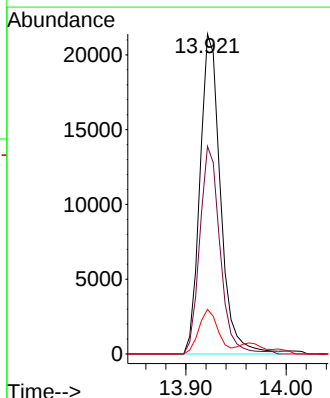
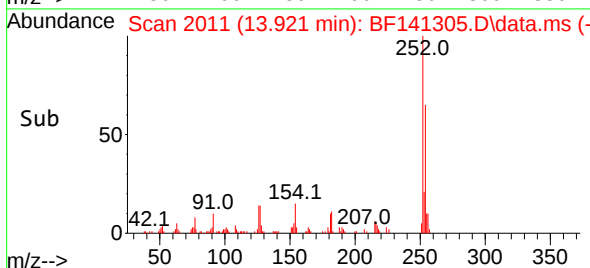
Reviewed By :Yogesh Patel 01/31/2025
Supervised By :mohammad ahmed 01/31/2025

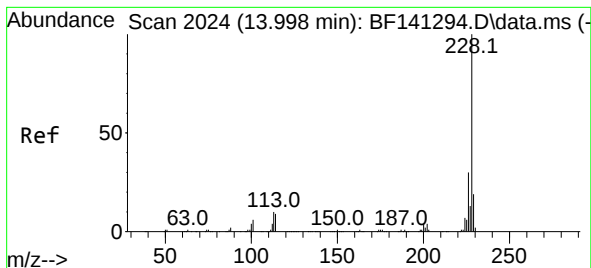


#82
3,3'-Dichlorobenzidine
Concen: 4.409 ng
RT: 13.921 min Scan# 2011
Delta R.T. -0.006 min
Lab File: BF141305.D
Acq: 30 Jan 2025 10:53



Tgt Ion:252 Resp: 30484
Ion Ratio Lower Upper
252 100
254 64.9 51.3 76.9
126 14.0 10.0 15.0





#83

Chrysene

Concen: 5.423 ng

RT: 13.992 min Scan# 20

Delta R.T. -0.006 min

Lab File: BF141305.D

Acq: 30 Jan 2025 10:53

Instrument :

BNA_F

ClientSampleId :

LOQ-WATER-02-QT1-2025

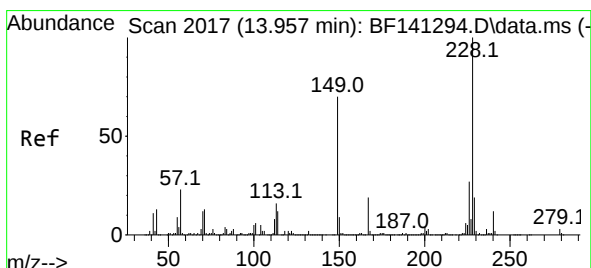
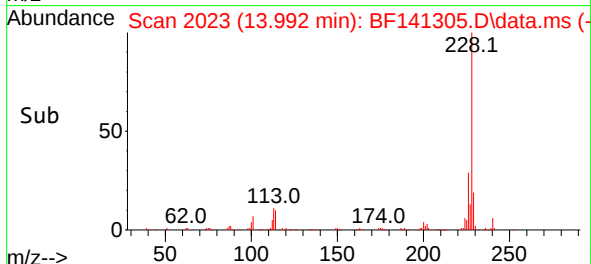
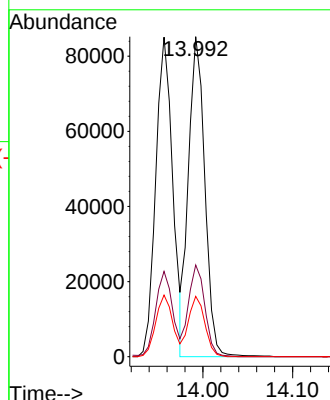
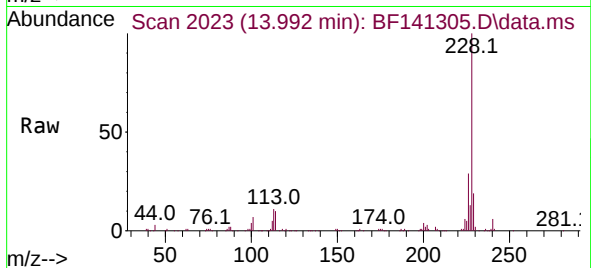
Tgt Ion:228 Resp: 10804
 Ion Ratio Lower Upper
 228 100
 226 28.7 24.1 36.1
 229 18.9 15.6 23.4

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 01/31/2025

Supervised By :mohammad ahmed 01/31/2025



#84

Bis(2-ethylhexyl)phthalate

Concen: 5.457 ng

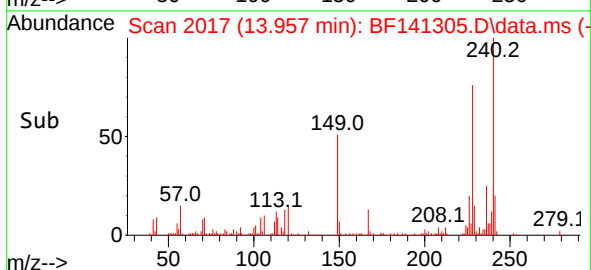
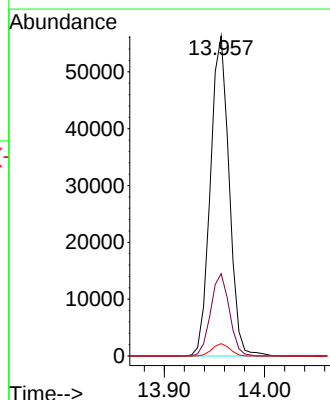
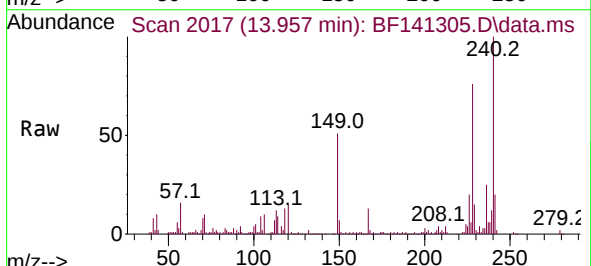
RT: 13.957 min Scan# 2017

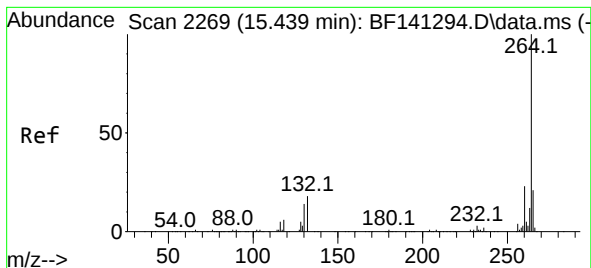
Delta R.T. -0.000 min

Lab File: BF141305.D

Acq: 30 Jan 2025 10:53

Tgt Ion:149 Resp: 73135
 Ion Ratio Lower Upper
 149 100
 167 25.7 21.8 32.8
 279 3.9 3.3 4.9





#86

Perylene-d12

Concen: 20.000 ng

RT: 15.439 min Scan# 21

Delta R.T. -0.000 min

Lab File: BF141305.D

Acq: 30 Jan 2025 10:53

Instrument :

BNA_F

ClientSampleId :

LOQ-WATER-02-QT1-2025

Tgt Ion:264 Resp: 28271

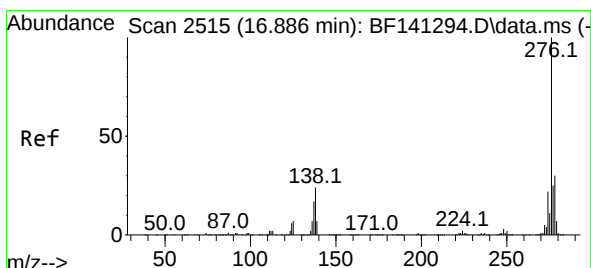
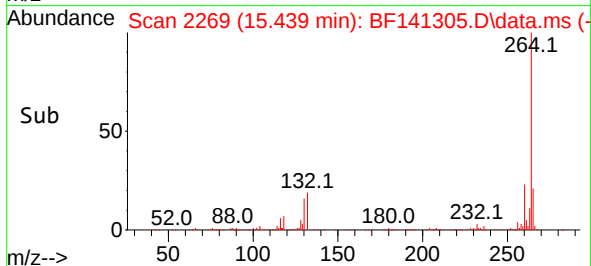
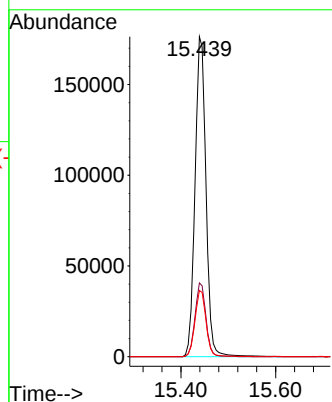
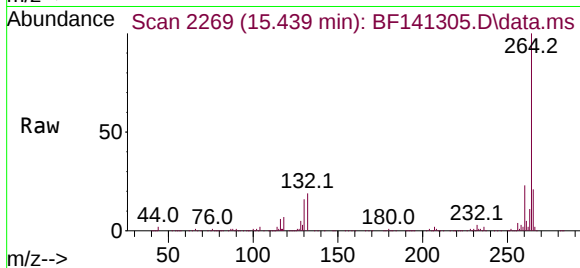
Ion	Ratio	Lower	Upper
264	100		
260	23.0	18.6	27.8
265	20.7	16.7	25.1

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 01/31/2025

Supervised By :mohammad ahmed 01/31/2025



#87

Indeno(1,2,3-cd)pyrene

Concen: 4.523 ng

RT: 16.880 min Scan# 2514

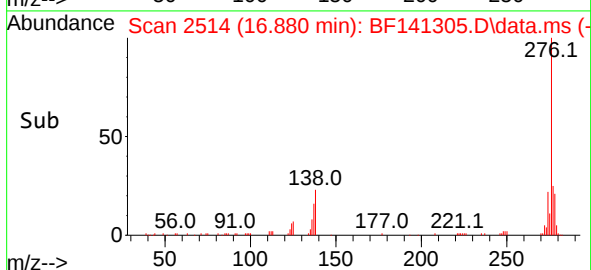
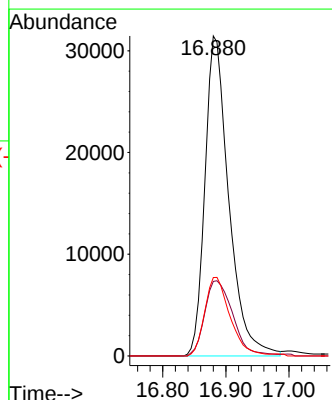
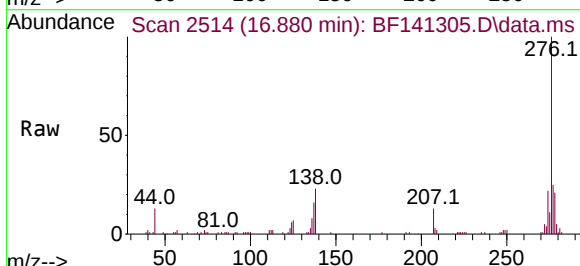
Delta R.T. -0.018 min

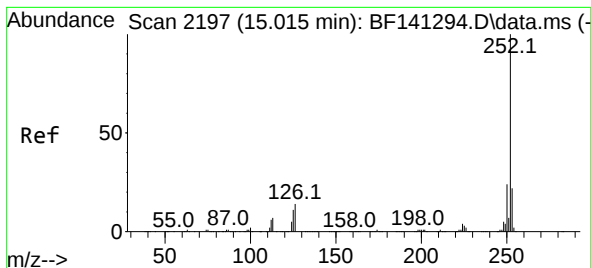
Lab File: BF141305.D

Acq: 30 Jan 2025 10:53

Tgt Ion:276 Resp: 82536

Ion	Ratio	Lower	Upper
276	100		
138	27.7	21.7	32.5
277	26.1	20.3	30.5





#88

Benzo(b)fluoranthene

Concen: 5.482 ng

RT: 15.015 min Scan# 2197

Delta R.T. -0.006 min

Lab File: BF141305.D

Acq: 30 Jan 2025 10:53

Instrument :

BNA_F

ClientSampleId :

LOQ-WATER-02-QT1-2025

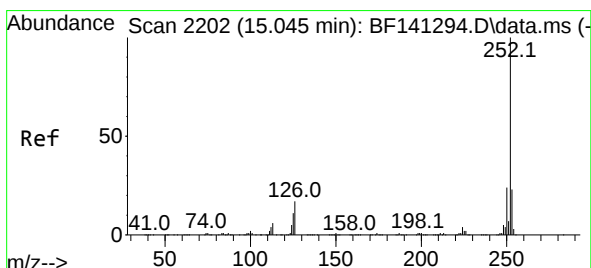
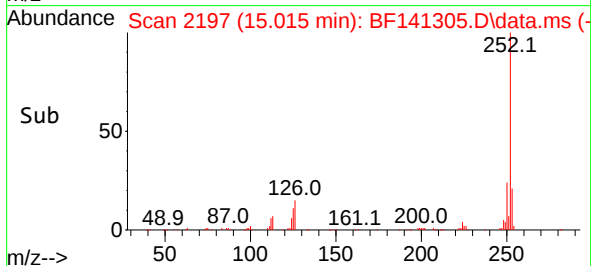
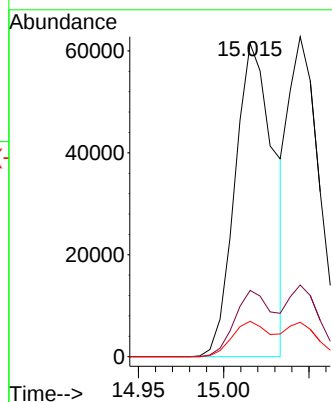
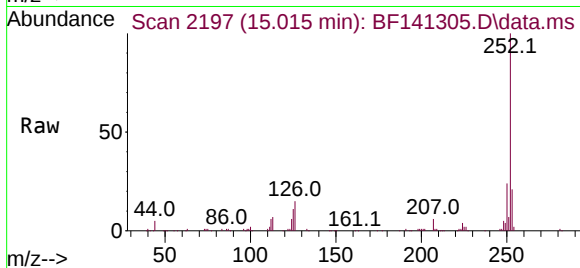
Tgt Ion:252	Resp:	97490
Ion Ratio	Lower	Upper
252	100	
253	21.2	17.4 26.2
125	11.3	8.6 12.8

Manual Integrations

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Reviewed By :Yogesh Patel 01/31/2025

Supervised By :mohammad ahmed 01/31/2025



#89

Benzo(k)fluoranthene

Concen: 5.099 ng

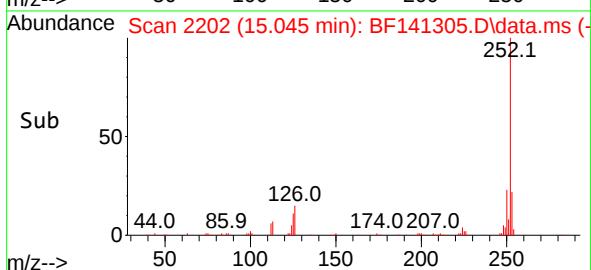
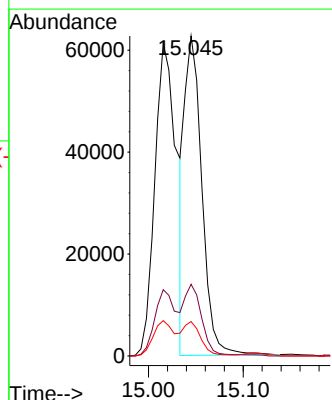
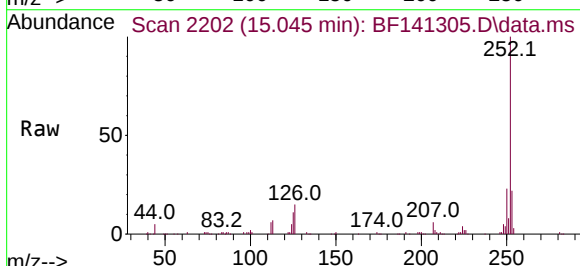
RT: 15.045 min Scan# 2202

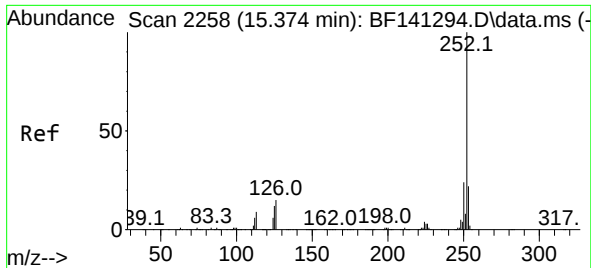
Delta R.T. -0.006 min

Lab File: BF141305.D

Acq: 30 Jan 2025 10:53

Tgt Ion:252	Resp:	80322
Ion Ratio	Lower	Upper
252	100	
253	22.4	17.6 26.4
125	10.8	8.4 12.6





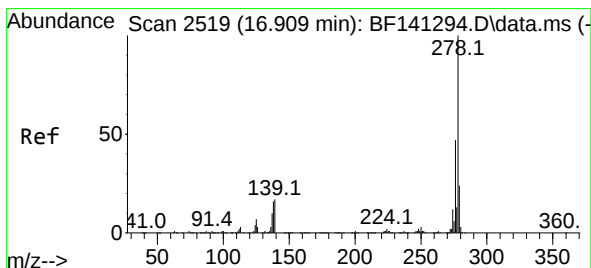
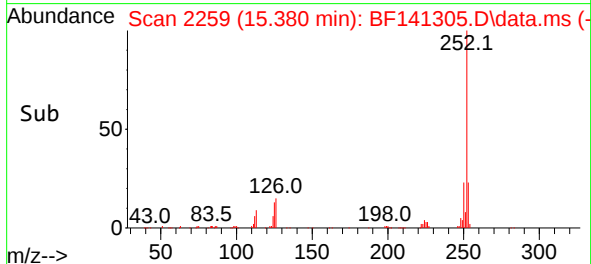
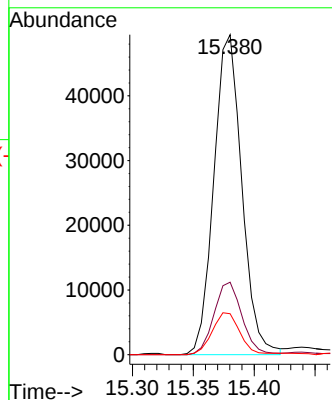
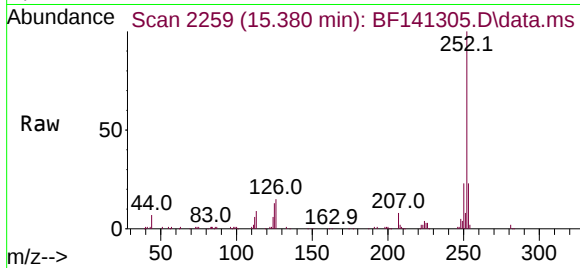
#90
Benzo(a)pyrene
Concen: 5.256 ng
RT: 15.380 min Scan# 21
Delta R.T. -0.000 min
Lab File: BF141305.D
Acq: 30 Jan 2025 10:53

Instrument :
BNA_F
ClientSampleId :
LOQ-WATER-02-QT1-2025

Tgt Ion:252 Resp: 7898
Ion Ratio Lower Upper
252 100
253 22.6 17.2 25.8
125 12.8 9.4 14.2

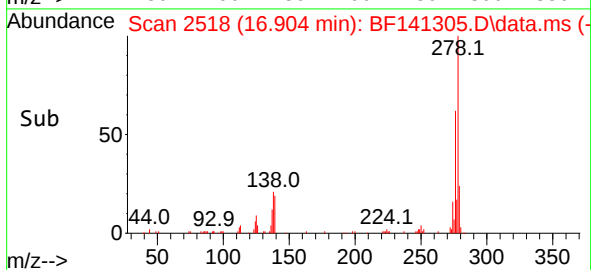
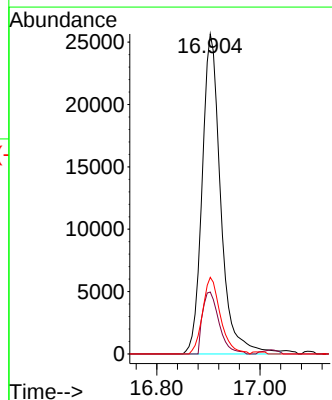
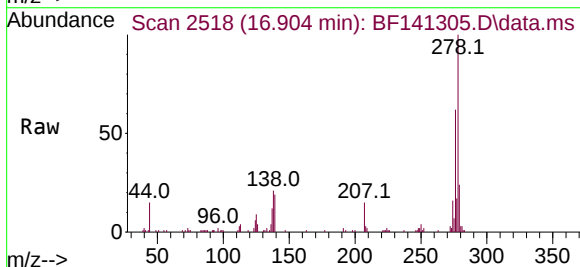
Manual Integrations
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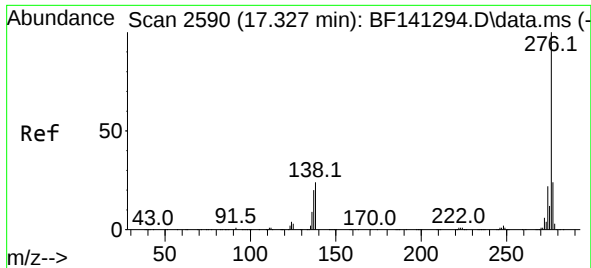
Reviewed By :Yogesh Patel 01/31/2025
Supervised By :mohammad ahmed 01/31/2025



#91
Dibenzo(a,h)anthracene
Concen: 4.368 ng
RT: 16.904 min Scan# 2518
Delta R.T. -0.018 min
Lab File: BF141305.D
Acq: 30 Jan 2025 10:53

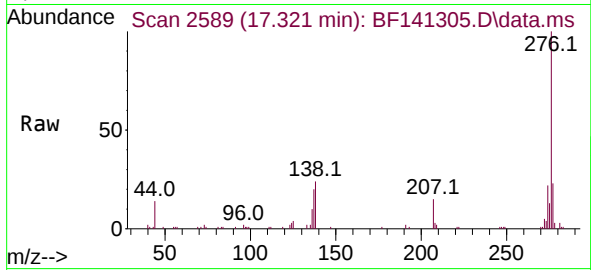
Tgt Ion:278 Resp: 64131
Ion Ratio Lower Upper
278 100
139 19.3 13.9 20.9
279 23.9 18.8 28.2





#92
 Benzo(g,h,i)perylene
 Concen: 4.377 ng
 RT: 17.321 min Scan# 2589
 Delta R.T. -0.024 min
 Lab File: BF141305.D
 Acq: 30 Jan 2025 10:53

Instrument : BNA_F
 ClientSampleId :
 LOQ-WATER-02-QT1-2025



Tgt Ion:	276	Resp:	66810
Ion Ratio	Lower	Upper	
276	100		
277	22.6	19.2	28.8
138	23.6	19.0	28.4

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 01/31/2025
 Supervised By :mohammad ahmed 01/31/2025

