

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF110524\
 Data File : BF140245.D
 Acq On : 05 Nov 2024 18:49
 Operator : RC/JU
 Sample : P4368-08
 Misc : LOQ-WATER-10 PPM
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 LOQ-WATER-02-QT4-2024

Quant Time: Nov 05 23:45:04 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF110524.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Nov 05 23:41:33 2024
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By :Yogesh Patel 11/06/2024
 Supervised By :mohammad ahmed 11/06/2024

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.881	152	378321	20.000	ng	0.00
21) Naphthalene-d8	8.157	136	1525716	20.000	ng	0.00
39) Acenaphthene-d10	9.916	164	899004	20.000	ng	0.00
64) Phenanthrene-d10	11.410	188	1584597	20.000	ng	0.00
76) Chrysene-d12	14.057	240	1026936	20.000	ng	0.00
86) Perylene-d12	15.562	264	921729	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.504	112	1995457	87.410	ng	0.01
7) Phenol-d6	6.516	99	2687920	91.540	ng	0.01
23) Nitrobenzene-d5	7.445	82	1991970	64.912	ng	0.00
42) 2,4,6-Tribromophenol	10.716	330	922702	103.836	ng	0.00
45) 2-Fluorobiphenyl	9.239	172	3412512	60.613	ng	0.00
79) Terphenyl-d14	12.998	244	3612736	57.629	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	2.675	88	96306	9.176	ng	98
3) Pyridine	3.481	79	208860m	8.156	ng	
4) n-Nitrosodimethylamine	3.381	42	143952	9.736	ng	95
6) Aniline	6.551	93	332238	12.524	ng	99
8) 2-Chlorophenol	6.669	128	240986	10.089	ng	98
9) Benzaldehyde	6.434	77	228988	12.660	ng	96
10) Phenol	6.528	94	319869	10.257	ng	86
11) bis(2-Chloroethyl)ether	6.622	93	255624	10.790	ng	98
12) 1,3-Dichlorobenzene	6.822	146	274268	9.798	ng	98
13) 1,4-Dichlorobenzene	6.898	146	276030	9.778	ng	99
14) 1,2-Dichlorobenzene	7.051	146	255297	9.682	ng	99
15) Benzyl Alcohol	7.016	79	271166	11.979	ng	98
16) 2,2'-oxybis(1-Chloropr...	7.145	45	419771	10.947	ng	99
17) 2-Methylphenol	7.122	107	205255	10.301	ng	98
18) Hexachloroethane	7.386	117	112346	10.684	ng	96
19) n-Nitroso-di-n-propyla...	7.286	70	206922	11.046	ng	99
20) 3+4-Methylphenols	7.275	107	260469	10.408	ng	99
22) Acetophenone	7.281	105	383553	10.139	ng	98
24) Nitrobenzene	7.463	77	295631	9.181	ng	97
25) Isophorone	7.692	82	532319	10.074	ng	100
26) 2-Nitrophenol	7.769	139	129645	10.122	ng	98
27) 2,4-Dimethylphenol	7.804	122	111867	6.420	ng	97
28) bis(2-Chloroethoxy)met...	7.904	93	315762	9.986	ng	99
29) 2,4-Dichlorophenol	8.010	162	210527	9.766	ng	99
30) 1,2,4-Trichlorobenzene	8.098	180	245547	9.506	ng	99
31) Naphthalene	8.181	128	758875	9.632	ng	99
32) Benzoic acid	7.910	122	178290	12.467	ng	96
33) 4-Chloroaniline	8.222	127	274716	10.592	ng	99
34) Hexachlorobutadiene	8.292	225	166535	9.525	ng	100
35) Caprolactam	8.586	113	68062	10.379	ng	99
36) 4-Chloro-3-methylphenol	8.698	107	229702	9.570	ng	98
37) 2-Methylnaphthalene	8.869	142	507392	9.868	ng	99
38) 1-Methylnaphthalene	8.969	142	470425	9.334	ng	100
40) 1,2,4,5-Tetrachloroben...	9.033	216	260574	9.901	ng	99
41) Hexachlorocyclopentadiene	9.022	237	65979	8.947	ng	99
43) 2,4,6-Trichlorophenol	9.145	196	157367	9.649	ng	100

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 Sample : P4368-08
 Misc : LOQ-WATER-10 PPM
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
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 LOQ-WATER-02-QT4-2024

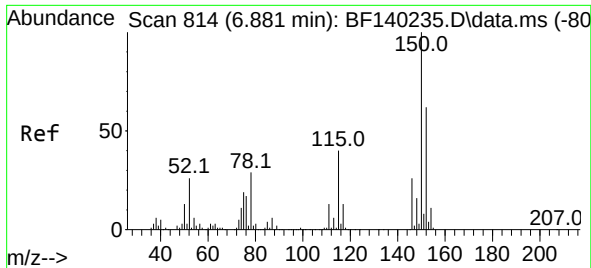
Quant Time: Nov 05 23:45:04 2024
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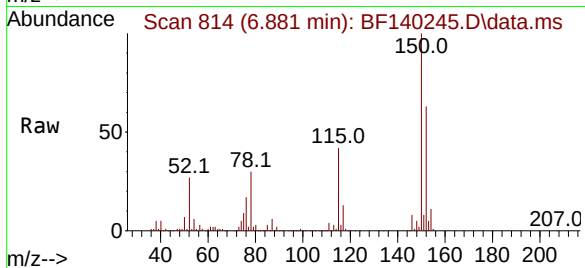
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.186	196	169291	9.872	ng	98
46) 1,1'-Biphenyl	9.333	154	665638	10.243	ng	98
47) 2-Chloronaphthalene	9.363	162	469273	9.595	ng	98
48) 2-Nitroaniline	9.451	65	162190	9.916	ng	100
49) Acenaphthylene	9.775	152	737183	10.646	ng	99
50) Dimethylphthalate	9.633	163	550601	9.945	ng	100
51) 2,6-Dinitrotoluene	9.698	165	124522	9.568	ng	97
52) Acenaphthene	9.951	154	514843	10.483	ng	98
53) 3-Nitroaniline	9.863	138	121702	9.931	ng	99
54) 2,4-Dinitrophenol	9.975	184	99109	18.438	ng	90
55) Dibenzofuran	10.122	168	698854	10.176	ng	98
56) 4-Nitrophenol	10.016	139	84466	9.803	ng	98
57) 2,4-Dinitrotoluene	10.098	165	161723	9.576	ng	97
58) Fluorene	10.463	166	549707	10.055	ng	99
59) 2,3,4,6-Tetrachlorophenol	10.239	232	138439	9.855	ng	99
60) Diethylphthalate	10.339	149	551292	10.020	ng	100
61) 4-Chlorophenyl-phenyle...	10.457	204	275167	9.987	ng	97
62) 4-Nitroaniline	10.480	138	117158	9.621	ng	97
63) Azobenzene	10.616	77	571074	10.013	ng	98
65) 4,6-Dinitro-2-methylph...	10.510	198	84833	10.193	ng	100
66) n-Nitrosodiphenylamine	10.574	169	455832	10.002	ng	99
67) 4-Bromophenyl-phenylether	10.945	248	174949	10.253	ng	99
68) Hexachlorobenzene	11.016	284	192505	9.897	ng	96
69) Atrazine	11.098	200	163409	13.105	ng	99
70) Pentachlorophenol	11.210	266	107410	10.284	ng	97
71) Phenanthrene	11.433	178	803319	10.623	ng	99
72) Anthracene	11.480	178	764709	10.313	ng	99
73) Carbazole	11.633	167	675106	9.964	ng	99
74) Di-n-butylphthalate	11.963	149	813520	10.143	ng	100
75) Fluoranthene	12.621	202	822042	10.396	ng	99
77) Benzidine	12.739	184	94098	4.687	ng	96
78) Pyrene	12.851	202	828059	9.766	ng	99
80) Butylbenzylphthalate	13.468	149	300353	9.837	ng	97
81) Benzo(a)anthracene	14.045	228	669051	10.152	ng	99
82) 3,3'-Dichlorobenzidine	14.010	252	193377	9.344	ng	99
83) Chrysene	14.086	228	586591	9.505	ng	99
84) Bis(2-ethylhexyl)phtha...	14.033	149	405936	9.486	ng	100
85) Di-n-octyl phthalate	14.668	149	613917	9.532	ng	99
87) Indeno(1,2,3-cd)pyrene	17.068	276	544465	10.063	ng	99
88) Benzo(b)fluoranthene	15.121	252	531458	9.532	ng	99
89) Benzo(k)fluoranthene	15.151	252	523242	10.228	ng	99
90) Benzo(a)pyrene	15.492	252	471208	10.251	ng	99
91) Dibenzo(a,h)anthracene	17.086	278	439125	9.865	ng	99
92) Benzo(g,h,i)perylene	17.521	276	414781	9.134	ng	99

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



#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.881 min Scan# 814
Delta R.T. -0.000 min
Lab File: BF140245.D
Acq: 05 Nov 2024 18:49

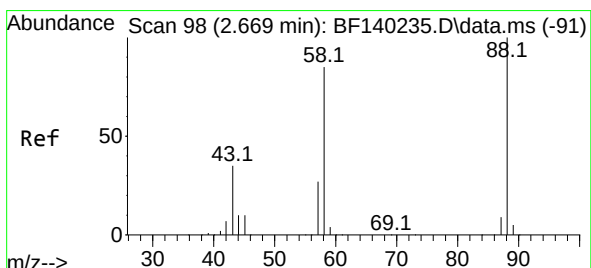
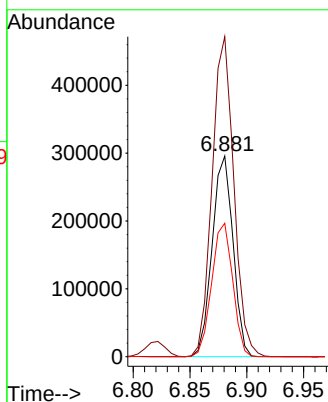
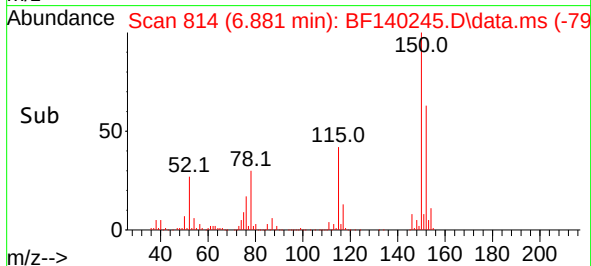
Instrument :
BNA_F
ClientSampleId :
LOQ-WATER-02-QT4-2024



Tgt Ion:152 Resp: 37832
Ion Ratio Lower Upper
152 100
150 159.5 129.4 194.2
115 66.5 51.5 77.3

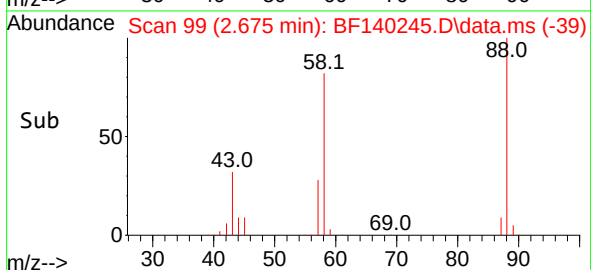
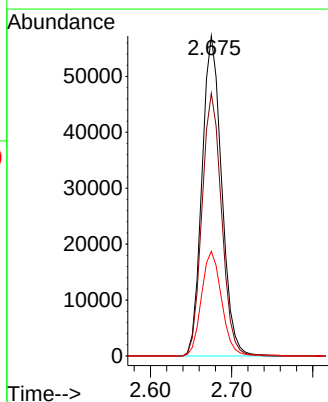
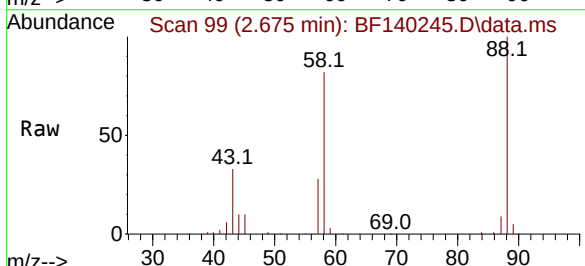
Manual Integrations
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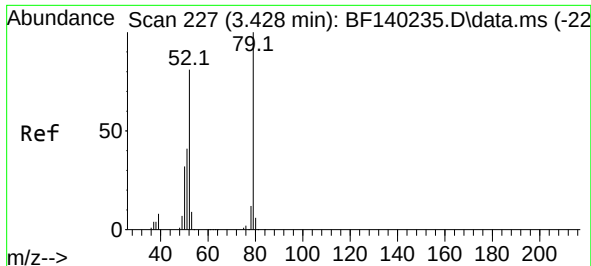
Reviewed By :Yogesh Patel 11/06/2024
Supervised By :mohammad ahmed 11/06/2024



#2
1,4-Dioxane
Concen: 9.176 ng
RT: 2.675 min Scan# 99
Delta R.T. 0.006 min
Lab File: BF140245.D
Acq: 05 Nov 2024 18:49

Tgt Ion: 88 Resp: 96306
Ion Ratio Lower Upper
88 100
58 81.4 66.7 100.1
43 33.5 27.8 41.8





#3

Pyridine

Concen: 8.156 ng m

RT: 3.481 min Scan# 219

Delta R.T. 0.053 min

Lab File: BF140245.D

Acq: 05 Nov 2024 18:49

Instrument :

BNA_F

ClientSampleId :

LOQ-WATER-02-QT4-2024

Tgt Ion: 79 Resp: 208860

Ion Ratio Lower Upper

79 100

52 77.6 64.6 97.0

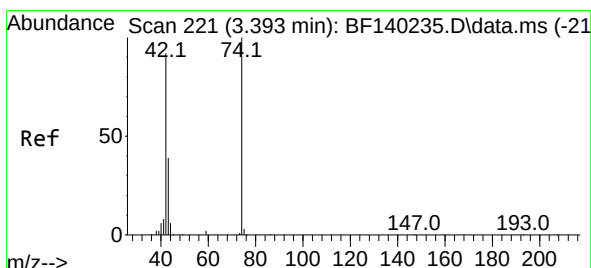
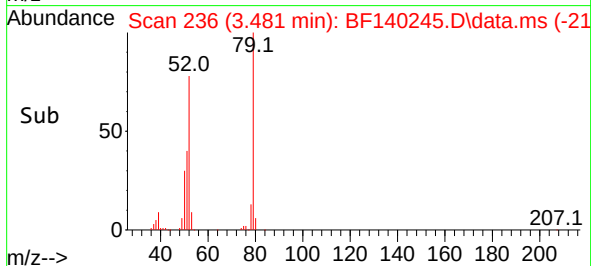
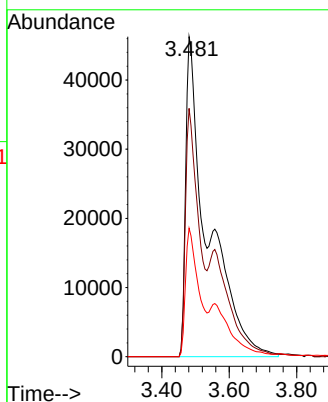
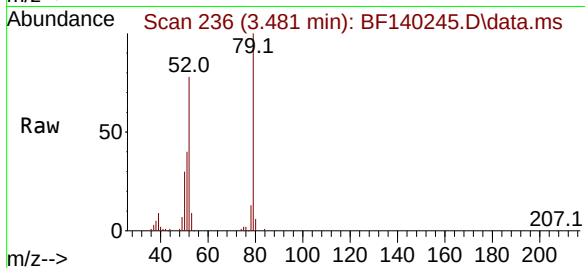
51 40.1 32.5 48.7

Manual Integrations

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Reviewed By :Yogesh Patel 11/06/2024

Supervised By :mohammad ahmed 11/06/2024



#4

n-Nitrosodimethylamine

Concen: 9.736 ng

RT: 3.381 min Scan# 219

Delta R.T. -0.012 min

Lab File: BF140245.D

Acq: 05 Nov 2024 18:49

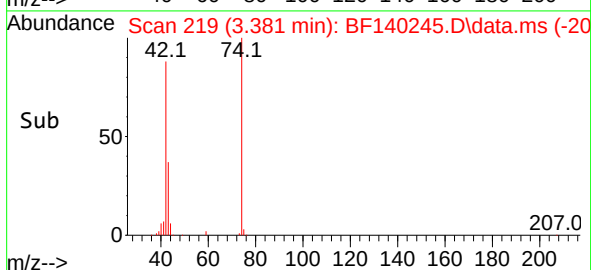
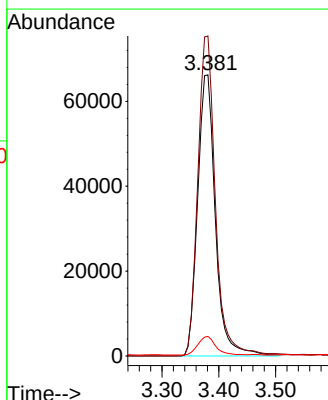
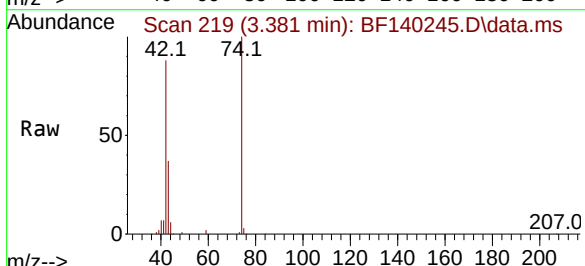
Tgt Ion: 42 Resp: 143952

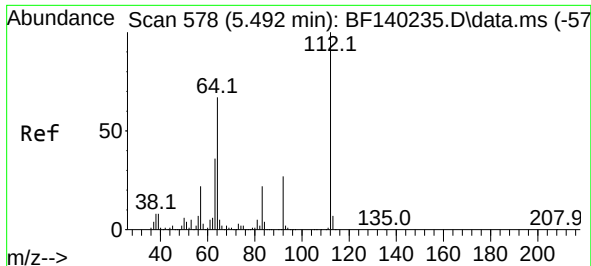
Ion Ratio Lower Upper

42 100

74 113.8 86.9 130.3

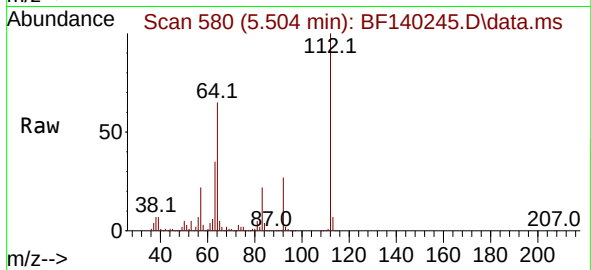
44 7.0 5.0 7.6





#5
2-Fluorophenol
Concen: 87.410 ng
RT: 5.504 min Scan# 51
Delta R.T. 0.012 min
Lab File: BF140245.D
Acq: 05 Nov 2024 18:49

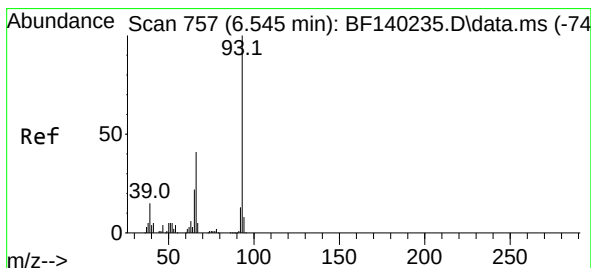
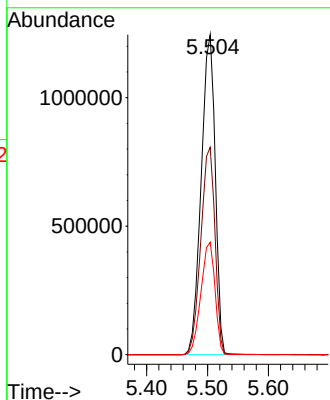
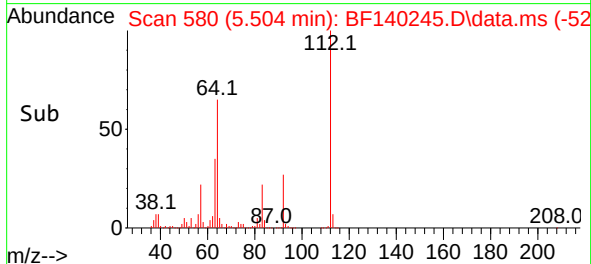
Instrument :
BNA_F
ClientSampleId :
LOQ-WATER-02-QT4-2024



Tgt Ion: 112 Resp: 199545
Ion Ratio Lower Upper
112 100
64 64.8 53.4 80.2
63 35.2 28.9 43.3

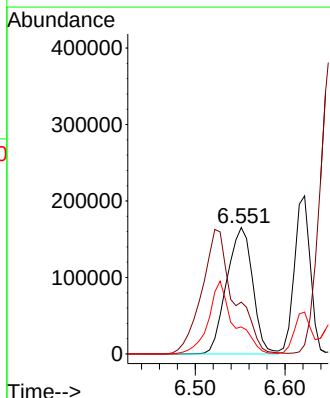
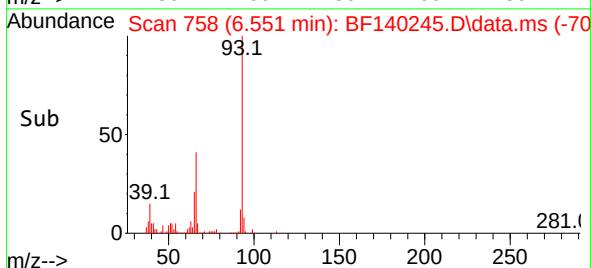
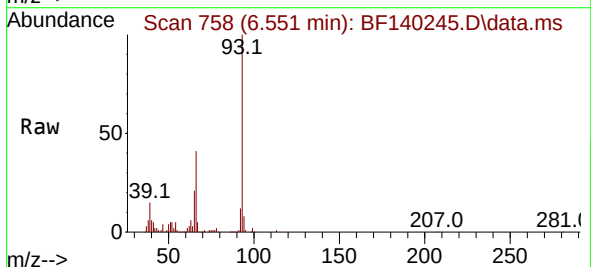
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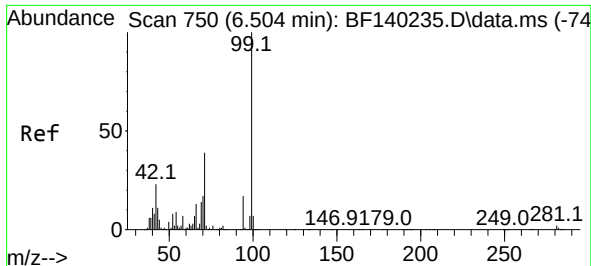
Reviewed By :Yogesh Patel 11/06/2024
Supervised By :mohammad ahmed 11/06/2024



#6
Aniline
Concen: 12.524 ng
RT: 6.551 min Scan# 758
Delta R.T. 0.006 min
Lab File: BF140245.D
Acq: 05 Nov 2024 18:49

Tgt Ion: 93 Resp: 332238
Ion Ratio Lower Upper
93 100
66 41.1 33.6 50.4
65 21.4 17.5 26.3





#7

Phenol-d6

Concen: 91.540 ng

RT: 6.516 min Scan# 71

Delta R.T. 0.012 min

Lab File: BF140245.D

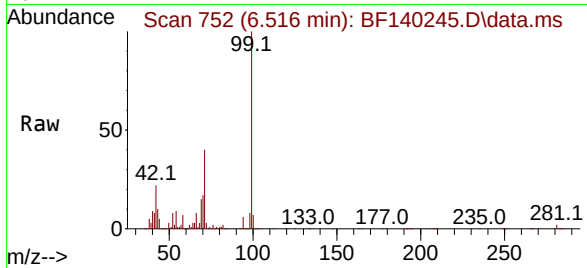
Acq: 05 Nov 2024 18:49

Instrument :

BNA_F

ClientSampleId :

LOQ-WATER-02-QT4-2024



Tgt Ion: 99 Resp: 2687920

Ion Ratio Lower Upper

99 100

42 21.8 18.2 27.2

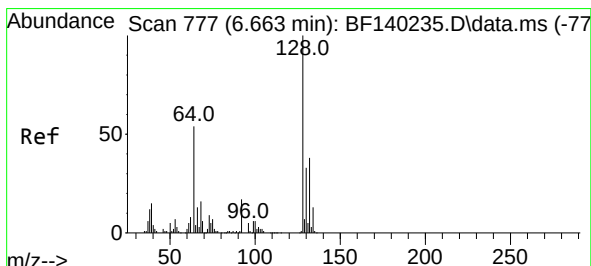
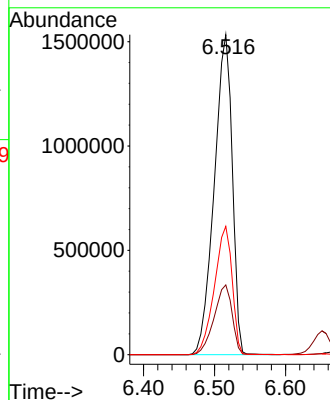
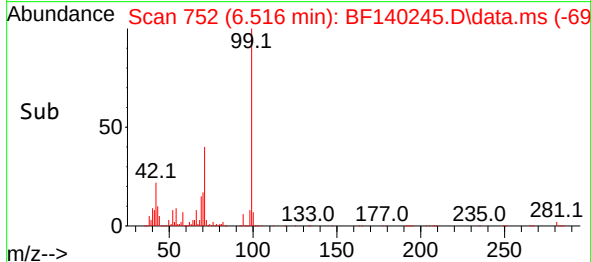
71 40.1 30.9 46.3

Manual Integrations

APPROVED

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Supervised By :mohammad ahmed 11/06/2024



#8

2-Chlorophenol

Concen: 10.089 ng

RT: 6.669 min Scan# 778

Delta R.T. 0.006 min

Lab File: BF140245.D

Acq: 05 Nov 2024 18:49

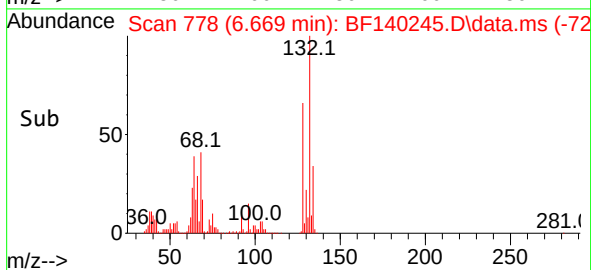
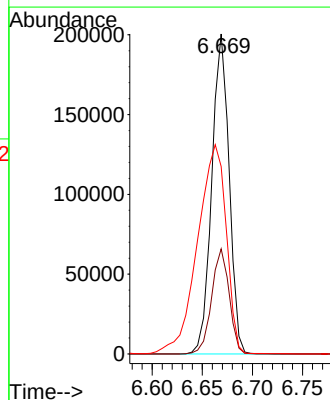
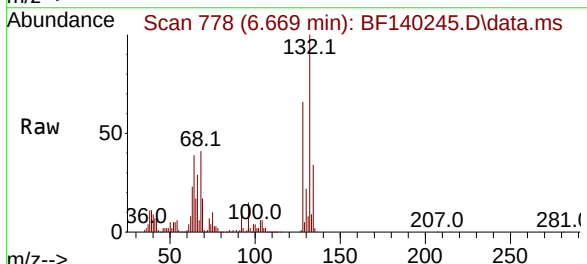
Tgt Ion:128 Resp: 240986

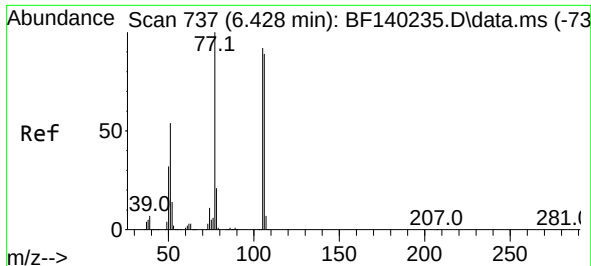
Ion Ratio Lower Upper

128 100

130 32.9 12.9 52.9

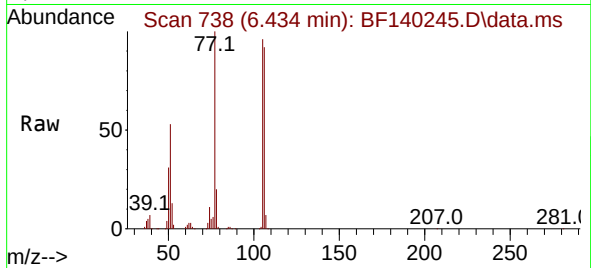
64 58.6 36.3 76.3





#9
Benzaldehyde
Concen: 12.660 ng
RT: 6.434 min Scan# 738
Delta R.T. 0.006 min
Lab File: BF140245.D
Acq: 05 Nov 2024 18:49

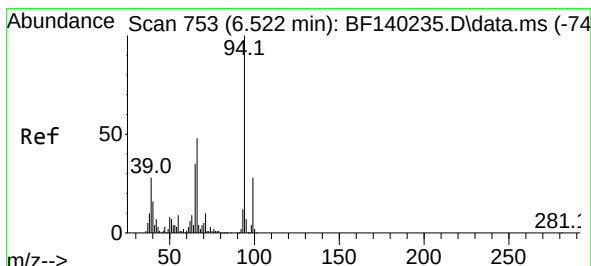
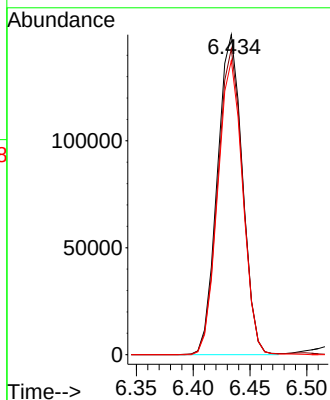
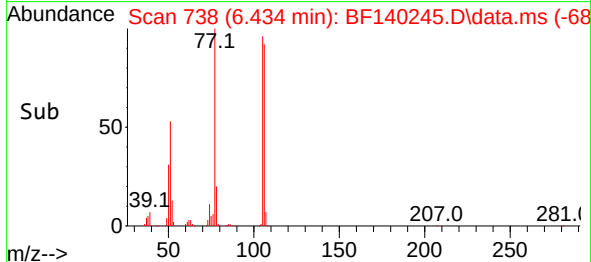
Instrument :
BNA_F
ClientSampleId :
LOQ-WATER-02-QT4-2024



Tgt Ion: 77 Resp: 22898
Ion Ratio Lower Upper
77 100
105 95.6 72.1 112.1
106 91.9 68.8 108.8

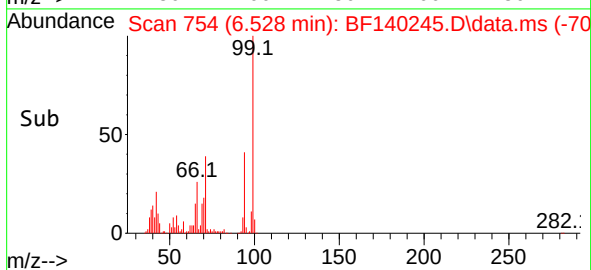
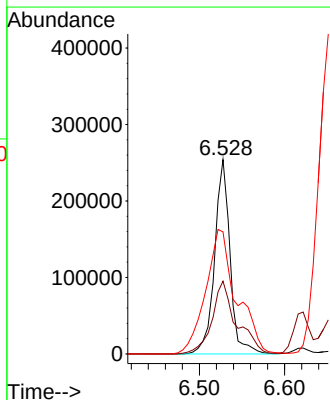
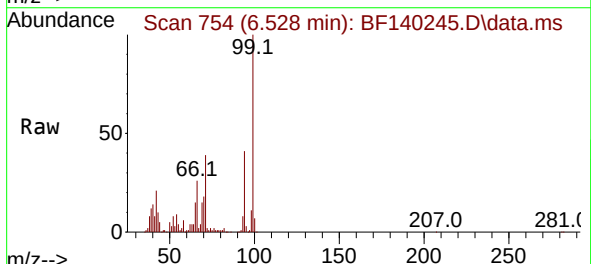
Manual Integrations
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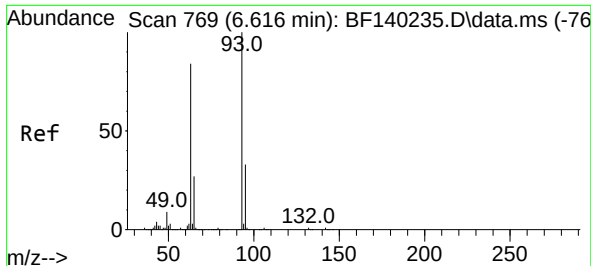
Reviewed By :Yogesh Patel 11/06/2024
Supervised By :mohammad ahmed 11/06/2024



#10
Phenol
Concen: 10.257 ng
RT: 6.528 min Scan# 754
Delta R.T. 0.006 min
Lab File: BF140245.D
Acq: 05 Nov 2024 18:49

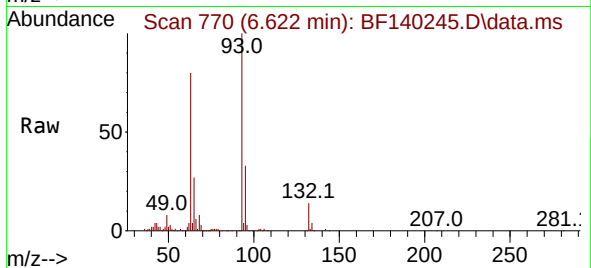
Tgt Ion: 94 Resp: 319869
Ion Ratio Lower Upper
94 100
65 37.5 15.1 55.1
66 62.8 28.8 68.8





#11
bis(2-Chloroethyl)ether
Concen: 10.790 ng
RT: 6.622 min Scan# 770
Delta R.T. 0.006 min
Lab File: BF140245.D
Acq: 05 Nov 2024 18:49

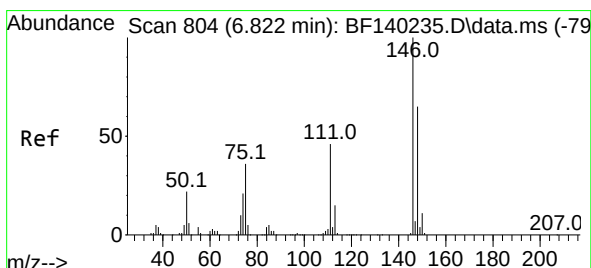
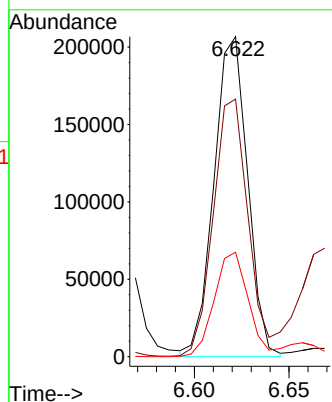
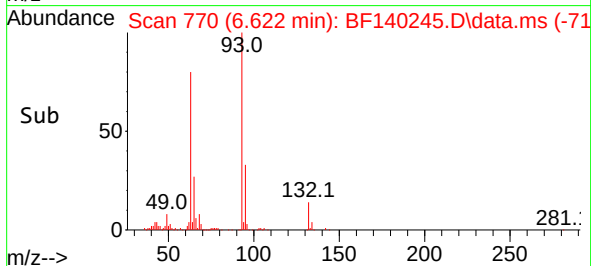
Instrument :
BNA_F
ClientSampleId :
LOQ-WATER-02-QT4-2024



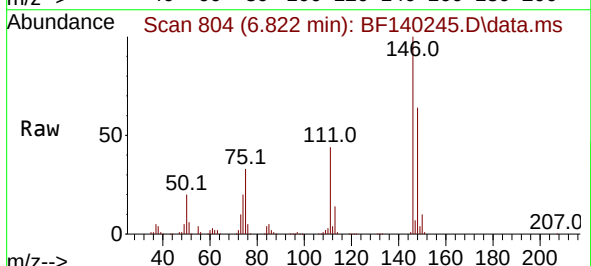
Tgt Ion: 93 Resp: 255624
Ion Ratio Lower Upper
93 100
63 80.5 63.6 103.6
95 32.7 12.7 52.7

Manual Integrations
APPROVED

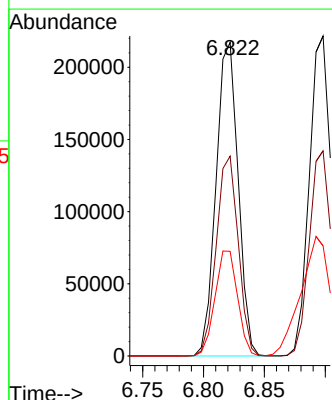
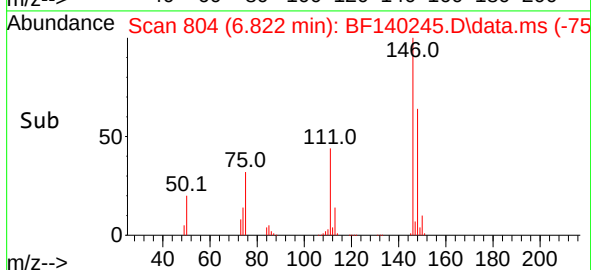
Reviewed By :Yogesh Patel 11/06/2024
Supervised By :mohammad ahmed 11/06/2024

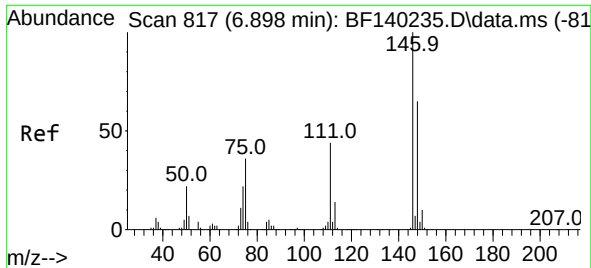


#12
1,3-Dichlorobenzene
Concen: 9.798 ng
RT: 6.822 min Scan# 804
Delta R.T. -0.000 min
Lab File: BF140245.D
Acq: 05 Nov 2024 18:49



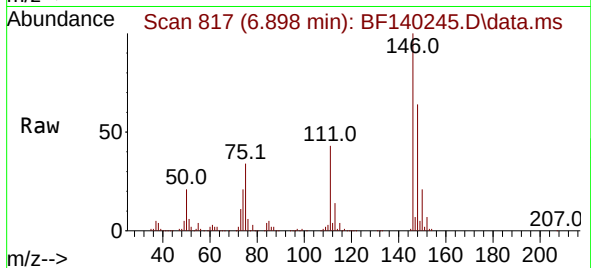
Tgt Ion:146 Resp: 274268
Ion Ratio Lower Upper
146 100
148 63.7 51.7 77.5
75 33.4 28.4 42.6





#13
1,4-Dichlorobenzene
Concen: 9.778 ng
RT: 6.898 min Scan# 817
Delta R.T. -0.000 min
Lab File: BF140245.D
Acq: 05 Nov 2024 18:49

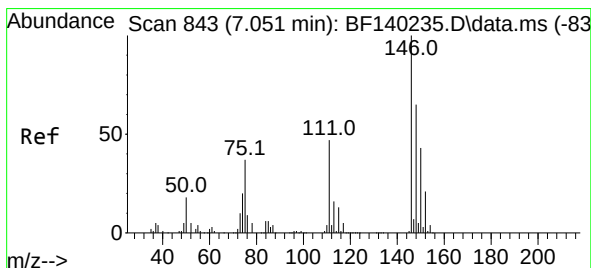
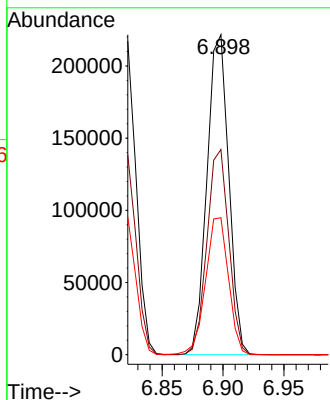
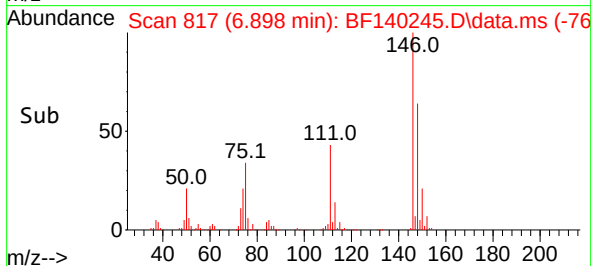
Instrument :
BNA_F
ClientSampleId :
LOQ-WATER-02-QT4-2024



Tgt Ion:146 Resp: 276030
Ion Ratio Lower Upper
146 100
148 64.1 51.8 77.6
111 42.8 35.4 53.2

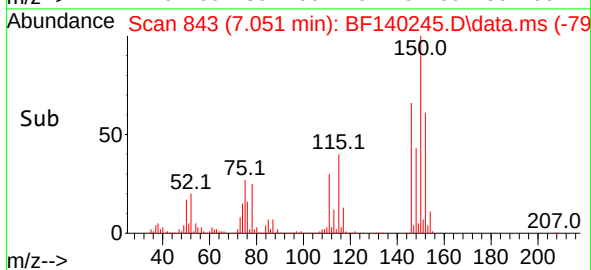
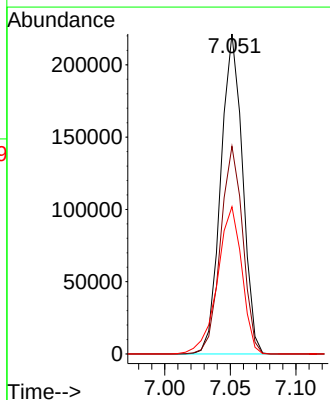
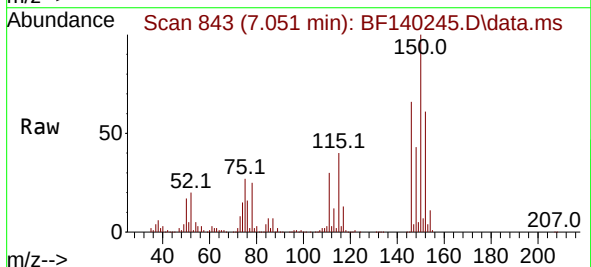
Manual Integrations
APPROVED

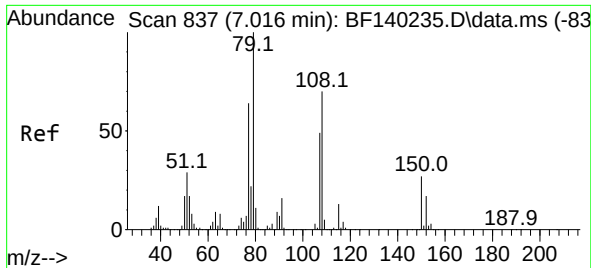
Reviewed By :Yogesh Patel 11/06/2024
Supervised By :mohammad ahmed 11/06/2024



#14
1,2-Dichlorobenzene
Concen: 9.682 ng
RT: 7.051 min Scan# 843
Delta R.T. -0.000 min
Lab File: BF140245.D
Acq: 05 Nov 2024 18:49

Tgt Ion:146 Resp: 255297
Ion Ratio Lower Upper
146 100
148 64.9 51.8 77.6
111 46.0 37.9 56.9





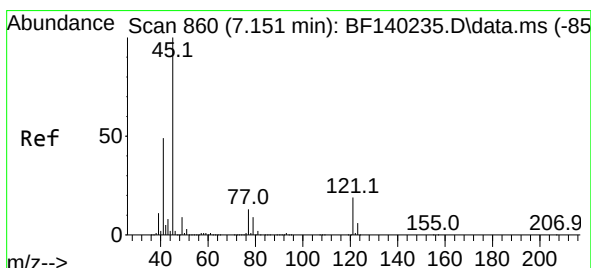
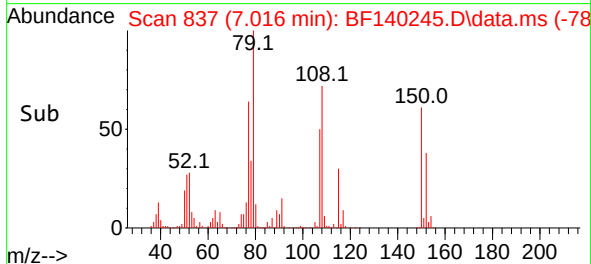
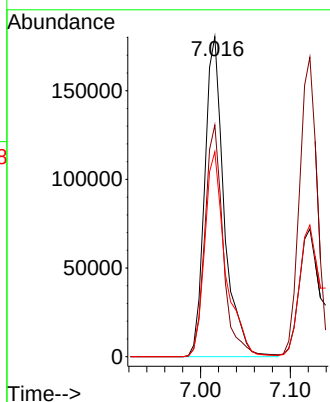
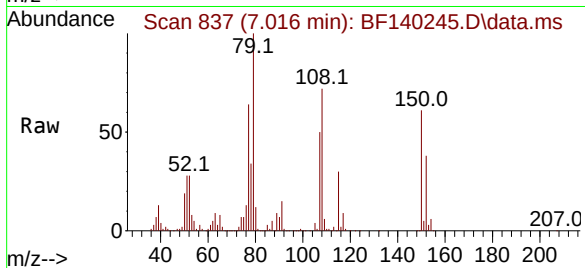
#15
Benzyl Alcohol
Concen: 11.979 ng
RT: 7.016 min Scan# 811
Delta R.T. -0.000 min
Lab File: BF140245.D
Acq: 05 Nov 2024 18:49

Instrument :
BNA_F
ClientSampleId :
LOQ-WATER-02-QT4-2024

Tgt Ion: 79 Resp: 271160
Ion Ratio Lower Upper
79 100
108 72.4 55.8 83.6
77 64.0 51.1 76.7

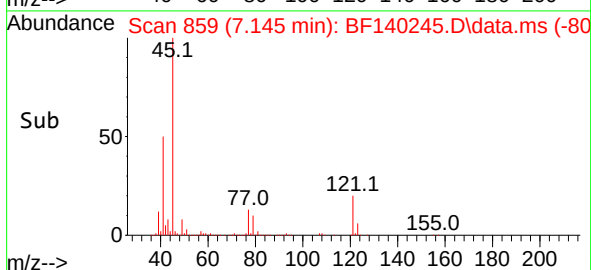
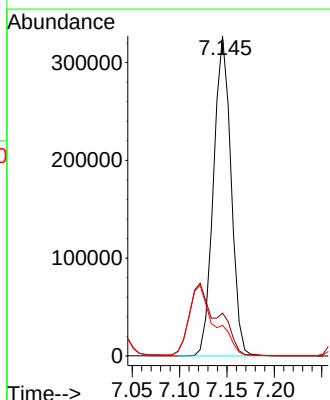
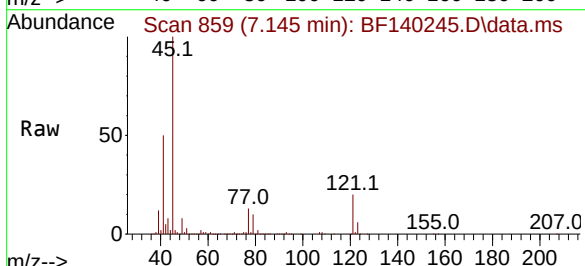
Manual Integrations
APPROVED

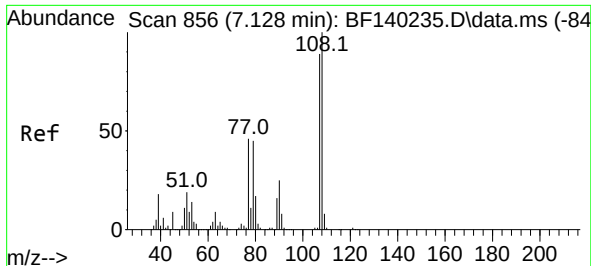
Reviewed By :Yogesh Patel 11/06/2024
Supervised By :mohammad ahmed 11/06/2024



#16
2,2'-oxybis(1-Chloropropane)
Concen: 10.947 ng
RT: 7.145 min Scan# 859
Delta R.T. -0.006 min
Lab File: BF140245.D
Acq: 05 Nov 2024 18:49

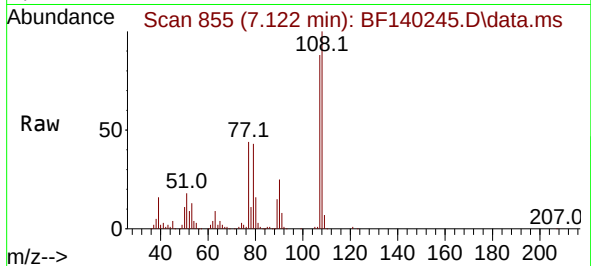
Tgt Ion: 45 Resp: 419771
Ion Ratio Lower Upper
45 100
77 13.4 0.0 33.3
79 9.5 0.0 29.9





#17
2-Methylphenol
Concen: 10.301 ng
RT: 7.122 min Scan# 855
Delta R.T. -0.006 min
Lab File: BF140245.D
Acq: 05 Nov 2024 18:49

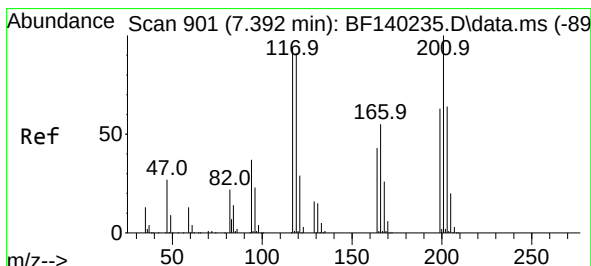
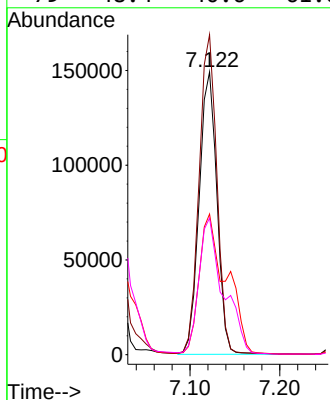
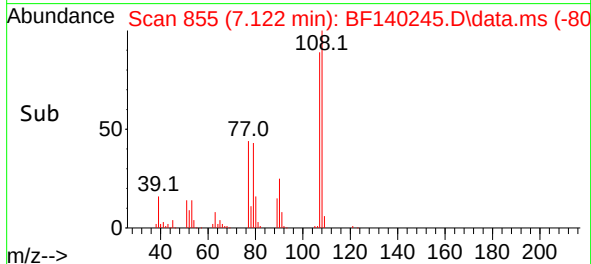
Instrument :
BNA_F
ClientSampleId :
LOQ-WATER-02-QT4-2024



Tgt Ion:107 Resp: 20525
Ion Ratio Lower Upper
107 100
108 113.2 90.5 135.7
77 49.8 41.8 62.6
79 48.4 40.6 61.0

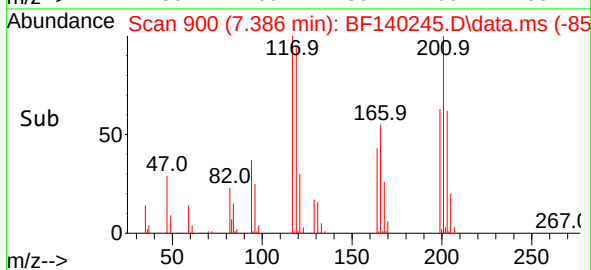
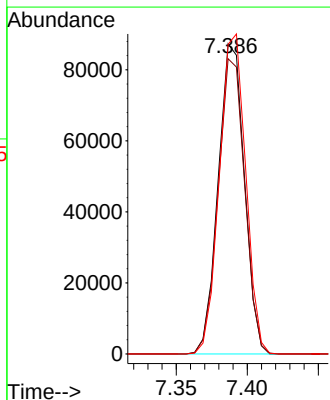
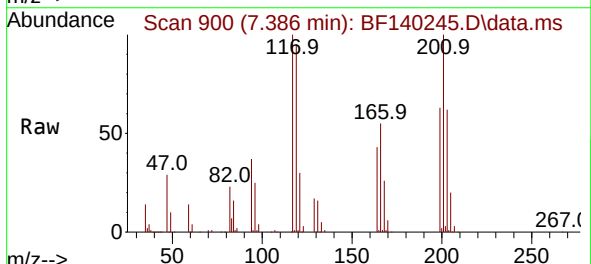
Manual Integrations
APPROVED

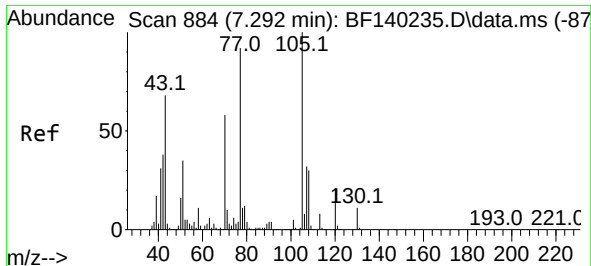
Reviewed By :Yogesh Patel 11/06/2024
Supervised By :mohammad ahmed 11/06/2024



#18
Hexachloroethane
Concen: 10.684 ng
RT: 7.386 min Scan# 900
Delta R.T. -0.006 min
Lab File: BF140245.D
Acq: 05 Nov 2024 18:49

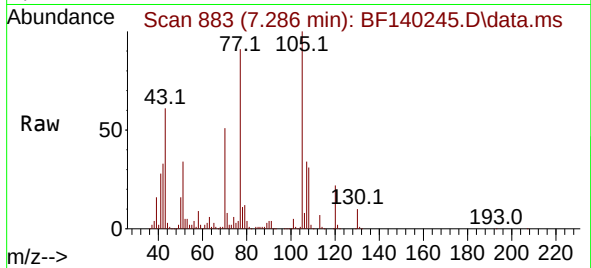
Tgt Ion:117 Resp: 112346
Ion Ratio Lower Upper
117 100
119 95.2 77.3 115.9
201 99.8 85.1 127.7





#19
n-Nitroso-di-n-propylamine
Concen: 11.046 ng
RT: 7.286 min Scan# 81
Delta R.T. -0.006 min
Lab File: BF140245.D
Acq: 05 Nov 2024 18:49

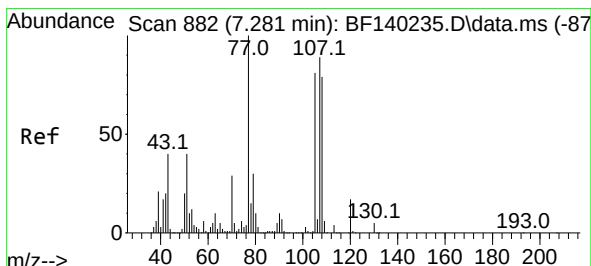
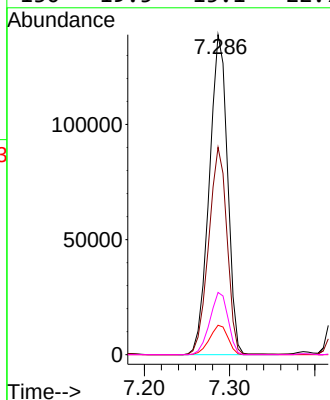
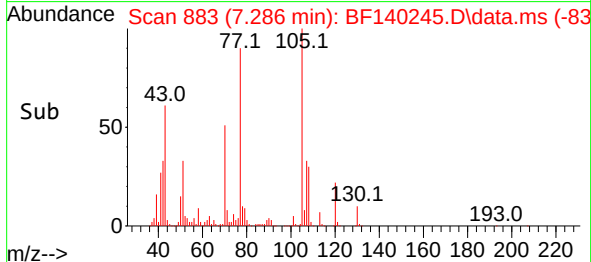
Instrument :
BNA_F
ClientSampleId :
LOQ-WATER-02-QT4-2024



Tgt Ion:	70	Resp:	20692
Ion	Ratio	Lower	Upper
70	100		
42	64.8	52.8	79.2
101	9.2	7.4	11.2
130	19.5	15.1	22.7

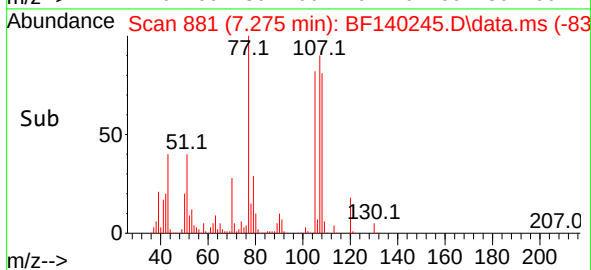
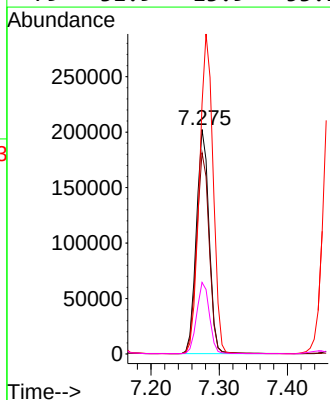
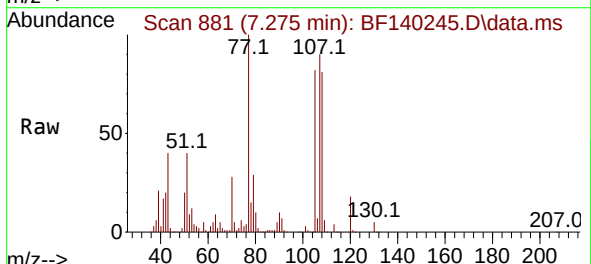
Manual Integrations
APPROVED

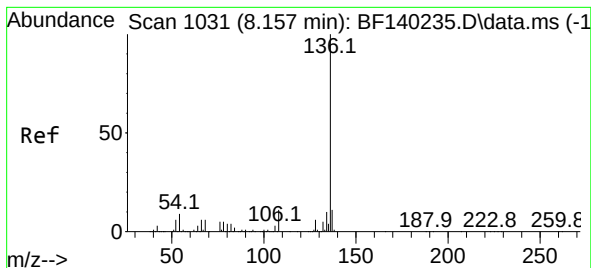
Reviewed By :Yogesh Patel 11/06/2024
Supervised By :mohammad ahmed 11/06/2024



#20
3+4-Methylphenols
Concen: 10.408 ng
RT: 7.275 min Scan# 881
Delta R.T. -0.006 min
Lab File: BF140245.D
Acq: 05 Nov 2024 18:49

Tgt Ion:	107	Resp:	260469
Ion	Ratio	Lower	Upper
107	100		
108	89.7	69.4	109.4
77	111.4	92.7	132.7
79	31.9	13.9	53.9





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.157 min Scan# 1031

Delta R.T. -0.000 min

Lab File: BF140245.D

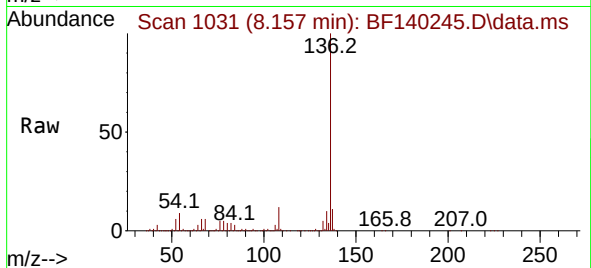
Acq: 05 Nov 2024 18:49

Instrument :

BNA_F

ClientSampleId :

LOQ-WATER-02-QT4-2024



Tgt Ion:136 Resp: 1525710

Ion Ratio Lower Upper

136 100

137 11.5 9.0 13.6

54 9.4 7.7 11.5

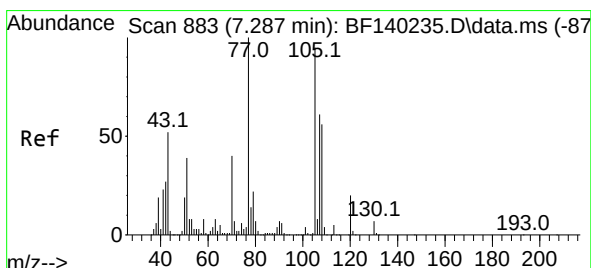
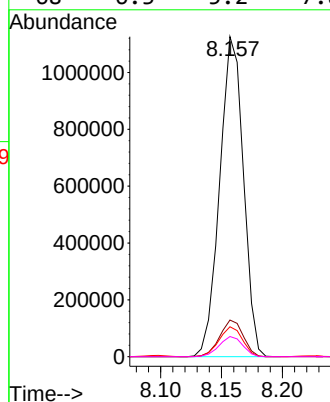
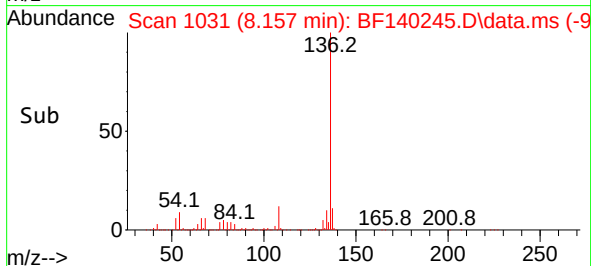
68 6.3 5.2 7.8

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 11/06/2024

Supervised By :mohammad ahmed 11/06/2024



#22

Acetophenone

Concen: 10.139 ng

RT: 7.281 min Scan# 882

Delta R.T. -0.006 min

Lab File: BF140245.D

Acq: 05 Nov 2024 18:49

Tgt Ion:105 Resp: 383553

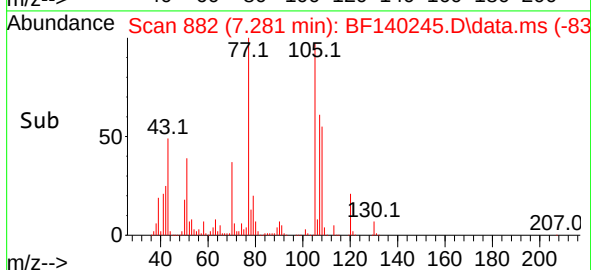
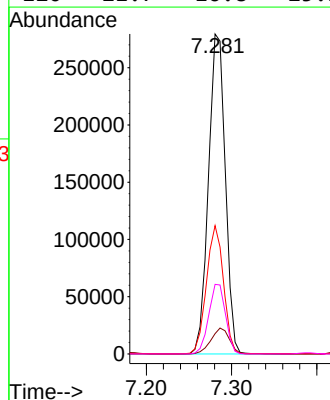
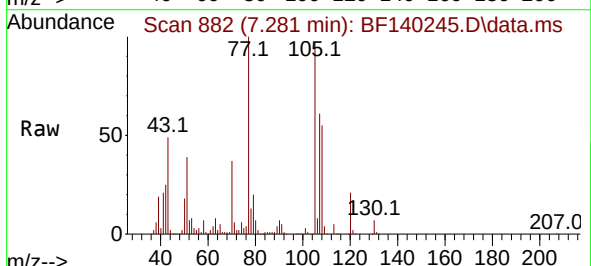
Ion Ratio Lower Upper

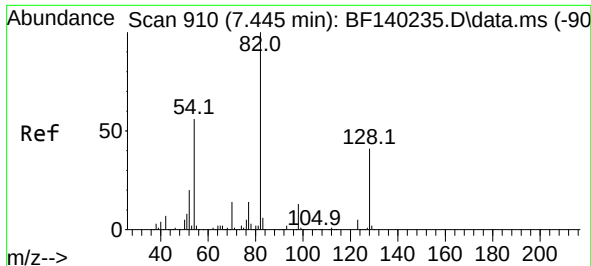
105 100

71 6.4 5.6 8.4

51 40.1 33.2 49.8

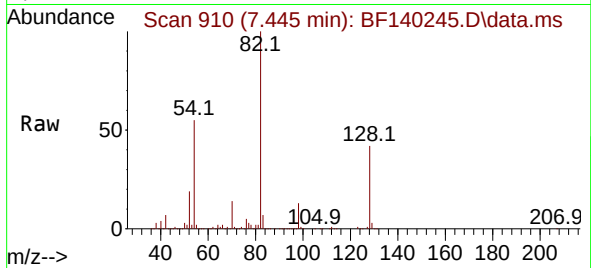
120 21.7 16.8 25.2





#23
Nitrobenzene-d5
Concen: 64.912 ng
RT: 7.445 min Scan# 910
Delta R.T. -0.000 min
Lab File: BF140245.D
Acq: 05 Nov 2024 18:49

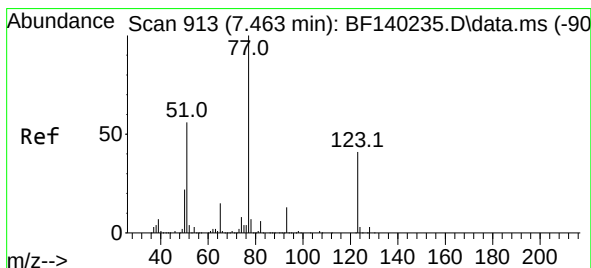
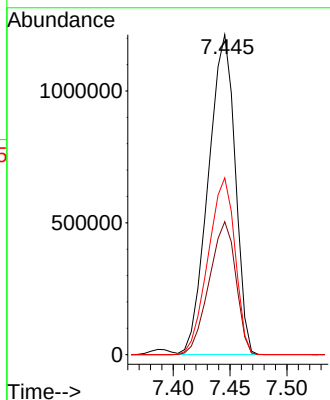
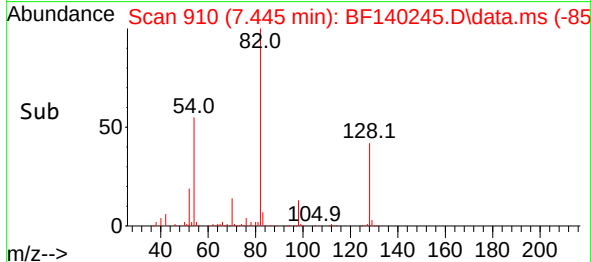
Instrument :
BNA_F
ClientSampleId :
LOQ-WATER-02-QT4-2024



Tgt Ion: 82 Resp: 1991970
Ion Ratio Lower Upper
82 100
128 41.6 32.8 49.2
54 55.2 44.3 66.5

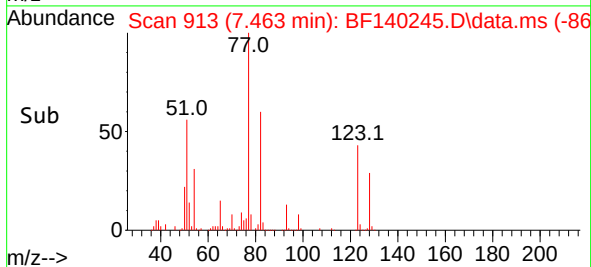
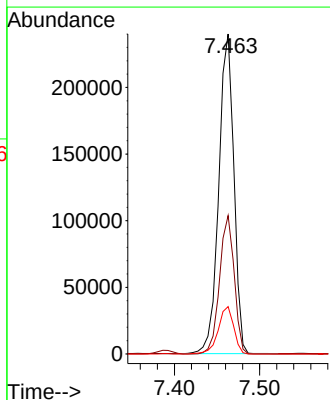
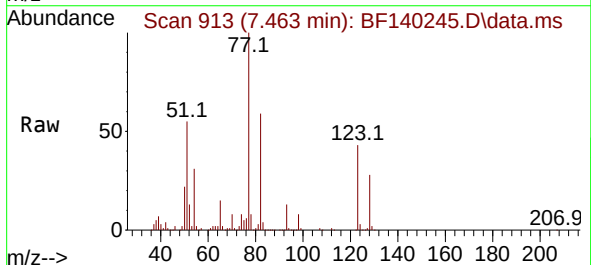
Manual Integrations
APPROVED

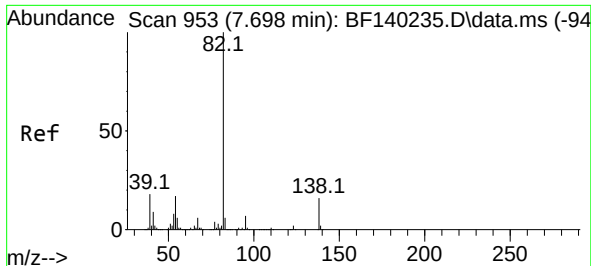
Reviewed By :Yogesh Patel 11/06/2024
Supervised By :mohammad ahmed 11/06/2024



#24
Nitrobenzene
Concen: 9.181 ng
RT: 7.463 min Scan# 913
Delta R.T. -0.000 min
Lab File: BF140245.D
Acq: 05 Nov 2024 18:49

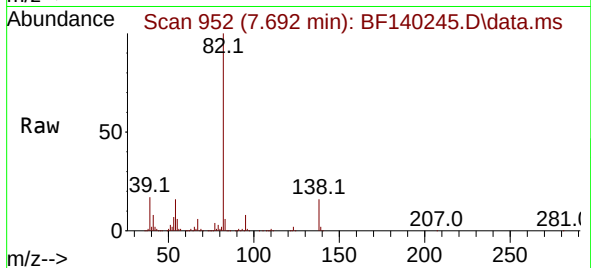
Tgt Ion: 77 Resp: 295631
Ion Ratio Lower Upper
77 100
123 43.3 33.0 49.4
65 14.8 11.7 17.5





#25
Isophorone
Concen: 10.074 ng
RT: 7.692 min Scan# 91
Delta R.T. -0.006 min
Lab File: BF140245.D
Acq: 05 Nov 2024 18:49

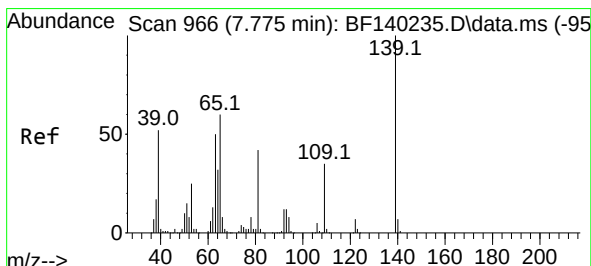
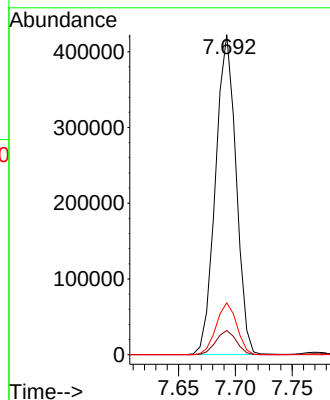
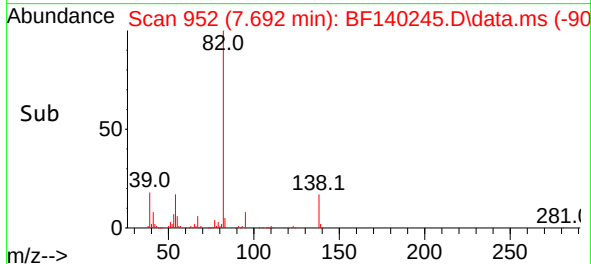
Instrument :
BNA_F
ClientSampleId :
LOQ-WATER-02-QT4-2024



Tgt Ion: 82 Resp: 532319
Ion Ratio Lower Upper
82 100
95 7.6 6.0 9.0
138 16.2 12.9 19.3

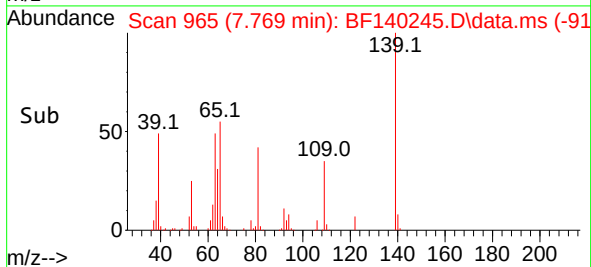
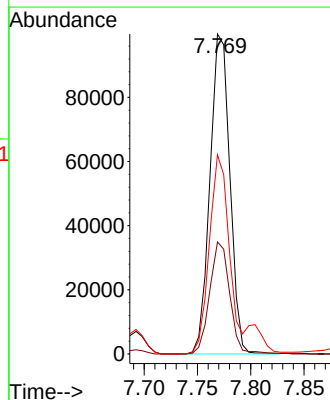
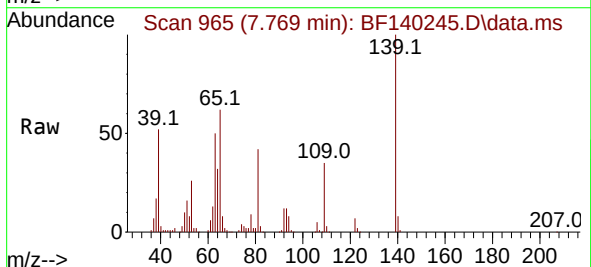
Manual Integrations
APPROVED

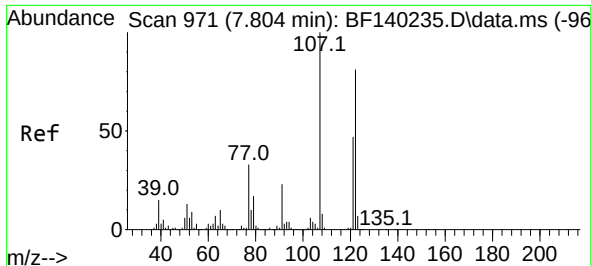
Reviewed By :Yogesh Patel 11/06/2024
Supervised By :mohammad ahmed 11/06/2024



#26
2-Nitrophenol
Concen: 10.122 ng
RT: 7.769 min Scan# 965
Delta R.T. -0.006 min
Lab File: BF140245.D
Acq: 05 Nov 2024 18:49

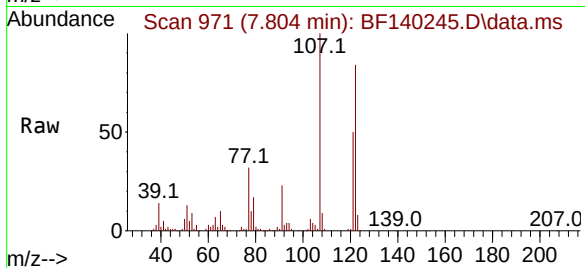
Tgt Ion:139 Resp: 129645
Ion Ratio Lower Upper
139 100
109 35.0 27.8 41.8
65 62.2 48.2 72.2





#27
2,4-Dimethylphenol
Concen: 6.420 ng
RT: 7.804 min Scan# 91
Delta R.T. -0.000 min
Lab File: BF140245.D
Acq: 05 Nov 2024 18:49

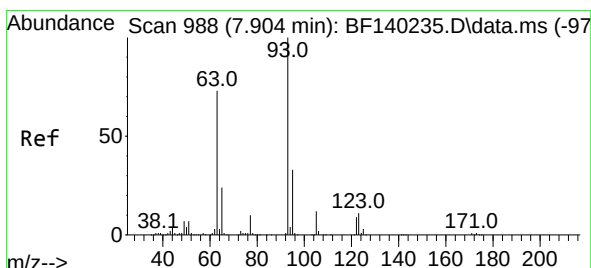
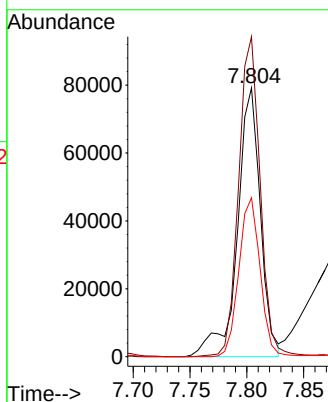
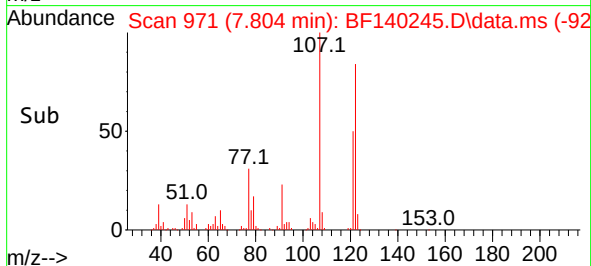
Instrument :
BNA_F
ClientSampleId :
LOQ-WATER-02-QT4-2024



Tgt Ion:122 Resp: 11186
Ion Ratio Lower Upper
122 100
107 119.0 99.4 149.0
121 59.1 47.1 70.7

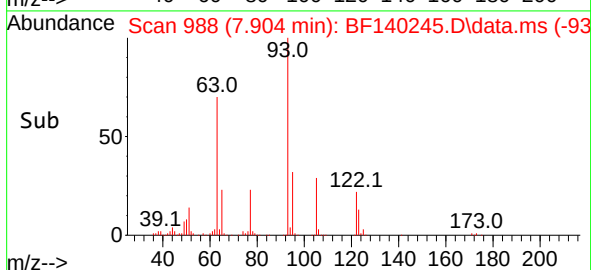
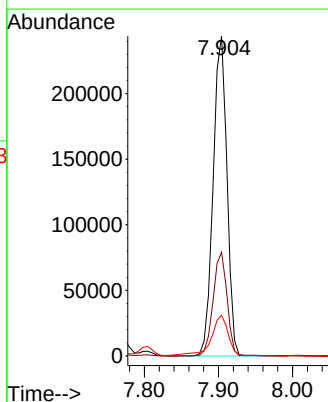
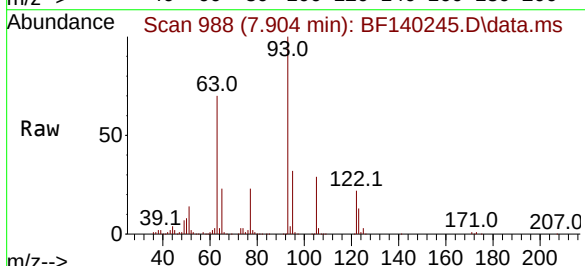
Manual Integrations
APPROVED

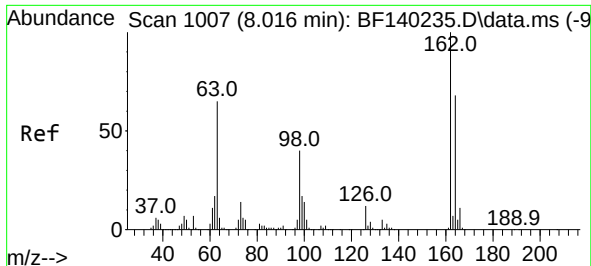
Reviewed By :Yogesh Patel 11/06/2024
Supervised By :mohammad ahmed 11/06/2024



#28
bis(2-Chloroethoxy)methane
Concen: 9.986 ng
RT: 7.904 min Scan# 988
Delta R.T. -0.000 min
Lab File: BF140245.D
Acq: 05 Nov 2024 18:49

Tgt Ion: 93 Resp: 315762
Ion Ratio Lower Upper
93 100
95 32.4 26.1 39.1
123 12.7 9.4 14.0





#29

2,4-Dichlorophenol

Concen: 9.766 ng

RT: 8.010 min Scan# 1006

Delta R.T. -0.006 min

Lab File: BF140245.D

Acq: 05 Nov 2024 18:49

Instrument :

BNA_F

ClientSampleId :

LOQ-WATER-02-QT4-2024

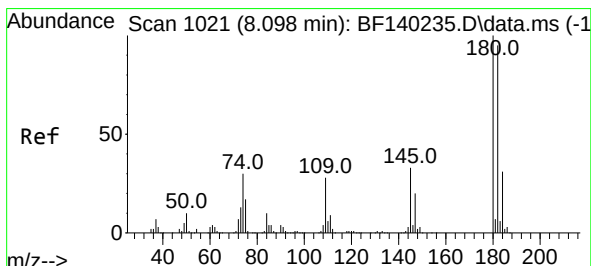
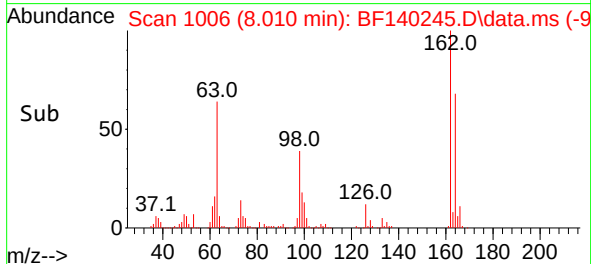
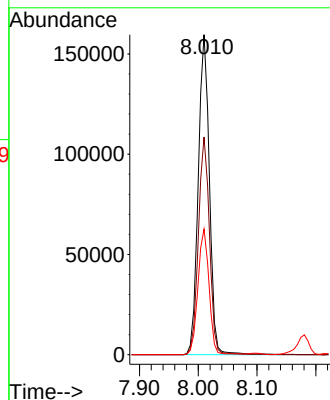
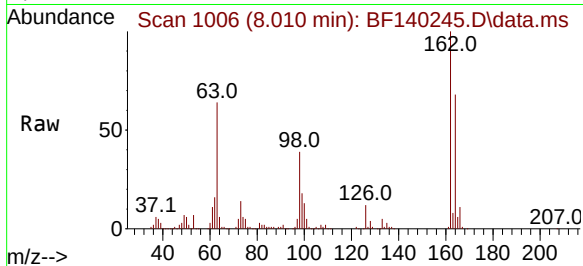
Tgt Ion:162	Resp: 21052
Ion Ratio	Lower Upper
162 100	
164 68.0	47.5 87.5
98 39.2	19.5 59.5

Manual Integrations

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Reviewed By :Yogesh Patel 11/06/2024

Supervised By :mohammad ahmed 11/06/2024



#30

1,2,4-Trichlorobenzene

Concen: 9.506 ng

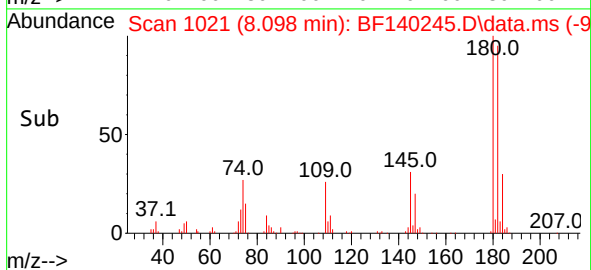
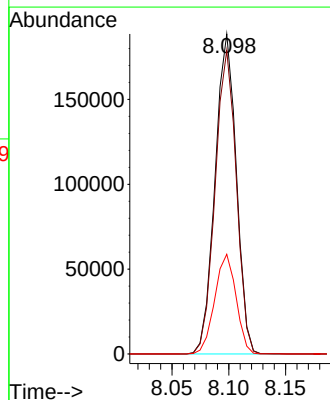
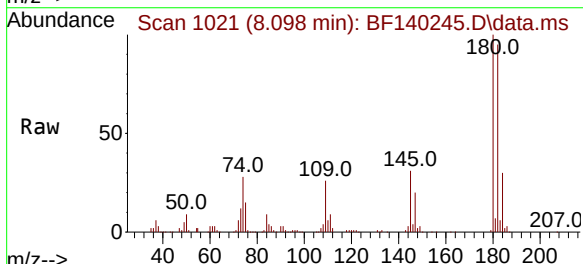
RT: 8.098 min Scan# 1021

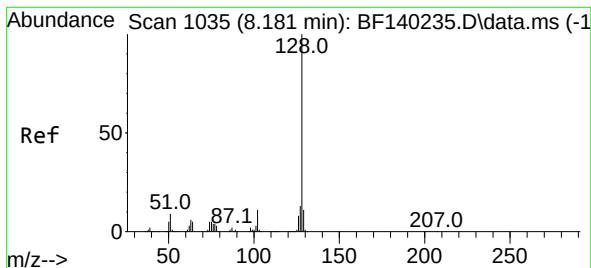
Delta R.T. -0.000 min

Lab File: BF140245.D

Acq: 05 Nov 2024 18:49

Tgt Ion:180	Resp: 245547
Ion Ratio	Lower Upper
180 100	
182 94.8	75.9 113.9
145 31.2	26.1 39.1





#31

Naphthalene

Concen: 9.632 ng

RT: 8.181 min Scan# 1035

Delta R.T. -0.000 min

Lab File: BF140245.D

Acq: 05 Nov 2024 18:49

Instrument :

BNA_F

ClientSampleId :

LOQ-WATER-02-QT4-2024

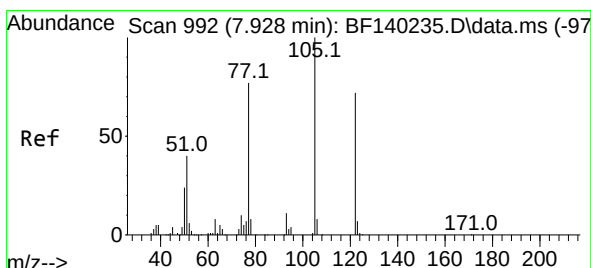
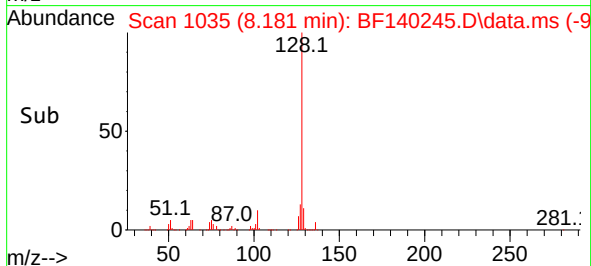
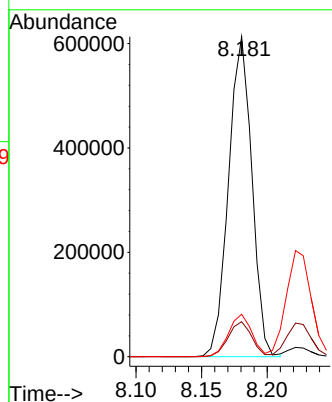
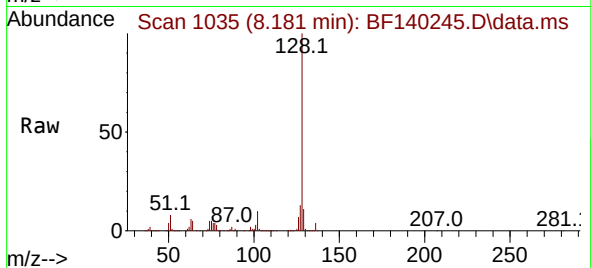
Tgt Ion:128 Resp: 758875
 Ion Ratio Lower Upper
 128 100
 129 11.0 9.0 13.6
 127 13.2 10.7 16.1

Manual Integrations

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Reviewed By :Yogesh Patel 11/06/2024

Supervised By :mohammad ahmed 11/06/2024



#32

Benzoic acid

Concen: 12.467 ng

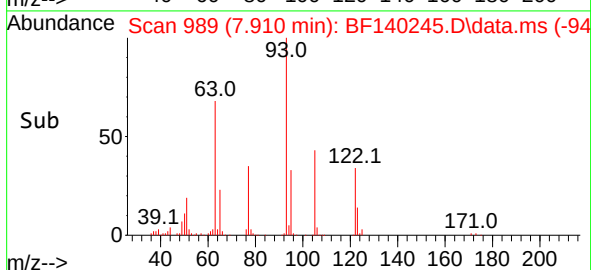
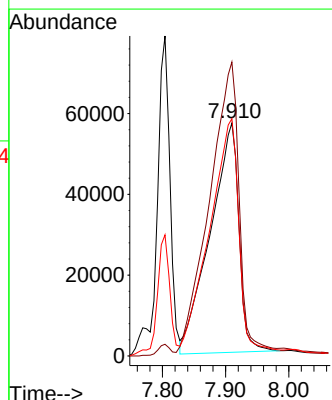
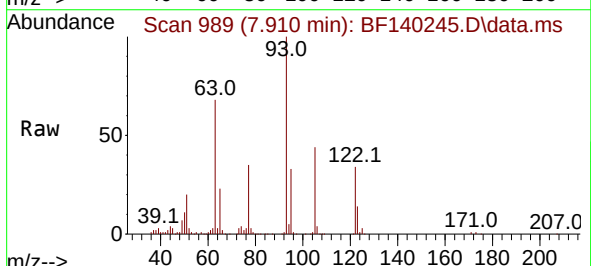
RT: 7.910 min Scan# 989

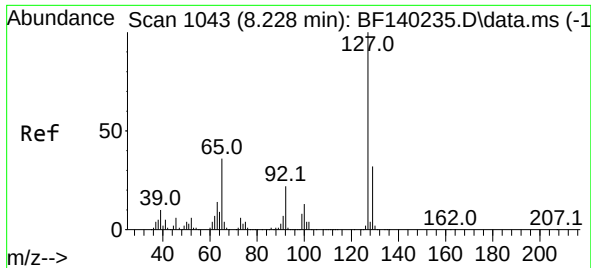
Delta R.T. -0.018 min

Lab File: BF140245.D

Acq: 05 Nov 2024 18:49

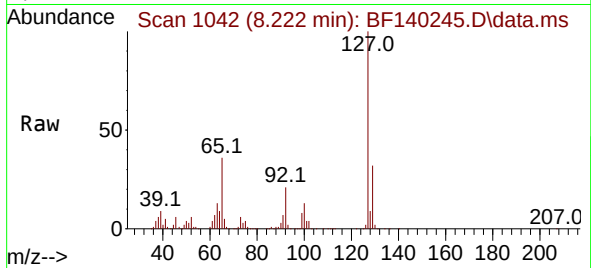
Tgt Ion:122 Resp: 178290
 Ion Ratio Lower Upper
 122 100
 105 126.2 112.6 152.6
 77 101.9 84.3 124.3





#33
4-Chloroaniline
Concen: 10.592 ng
RT: 8.222 min Scan# 1042
Delta R.T. -0.006 min
Lab File: BF140245.D
Acq: 05 Nov 2024 18:49

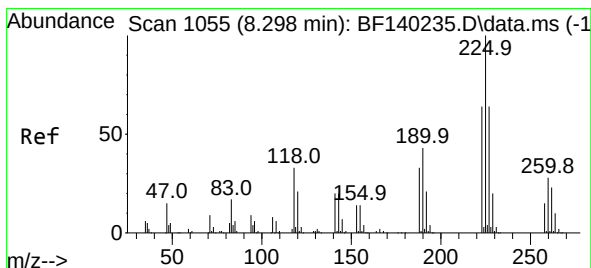
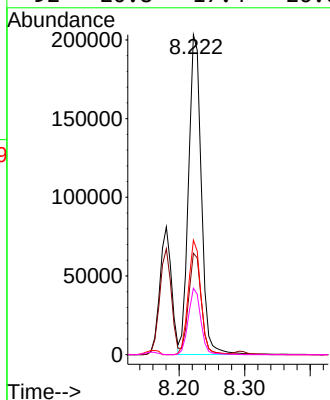
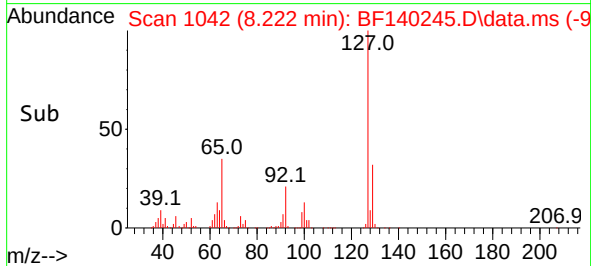
Instrument : BNA_F
ClientSampleId : LOQ-WATER-02-QT4-2024



Tgt Ion:127 Resp: 274710
Ion Ratio Lower Upper
127 100
129 31.7 25.8 38.6
65 35.8 29.0 43.6
92 20.8 17.4 26.0

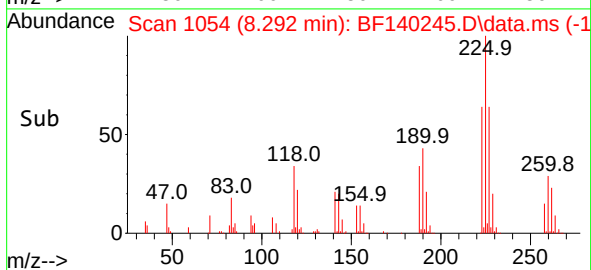
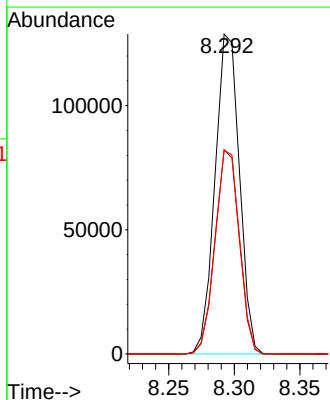
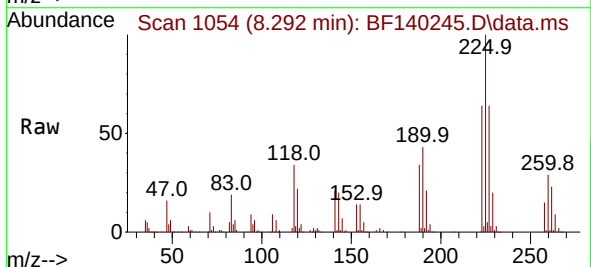
Manual Integrations
APPROVED

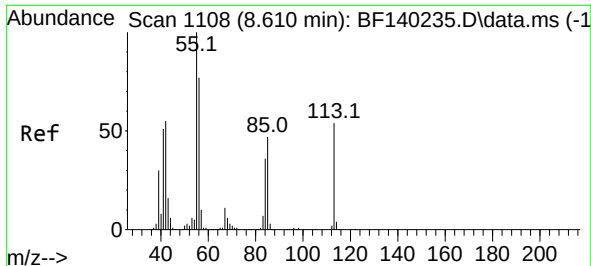
Reviewed By :Yogesh Patel 11/06/2024
Supervised By :mohammad ahmed 11/06/2024



#34
Hexachlorobutadiene
Concen: 9.525 ng
RT: 8.292 min Scan# 1054
Delta R.T. -0.006 min
Lab File: BF140245.D
Acq: 05 Nov 2024 18:49

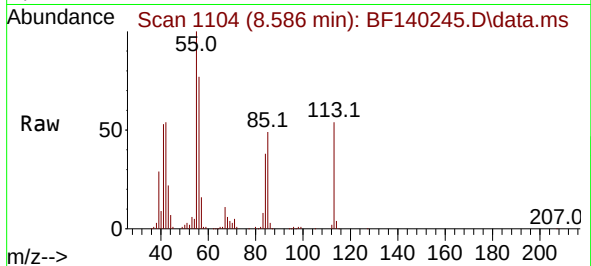
Tgt Ion:225 Resp: 166535
Ion Ratio Lower Upper
225 100
223 63.8 50.8 76.2
227 63.7 51.0 76.6





#35
Caprolactam
Concen: 10.379 ng
RT: 8.586 min Scan# 1104
Delta R.T. -0.024 min
Lab File: BF140245.D
Acq: 05 Nov 2024 18:49

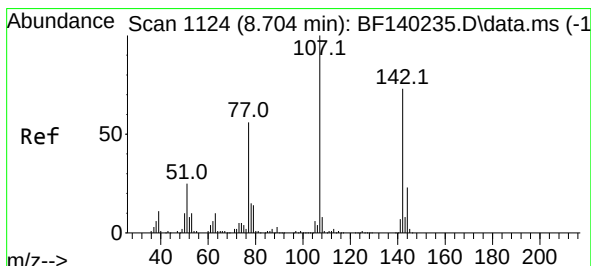
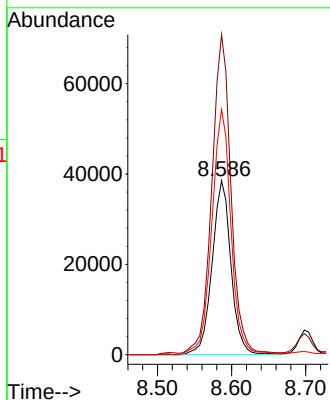
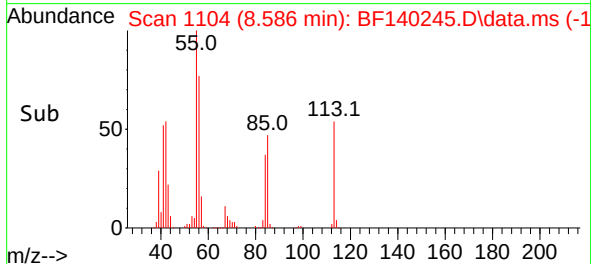
Instrument :
BNA_F
ClientSampleId :
LOQ-WATER-02-QT4-2024



Tgt Ion:113 Resp: 68062
Ion Ratio Lower Upper
113 100
55 183.9 165.2 205.2
56 140.9 122.1 162.1

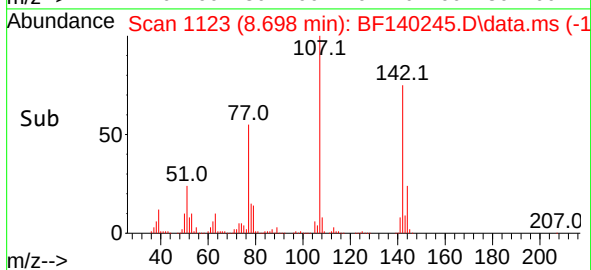
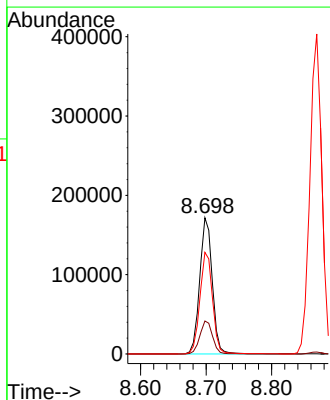
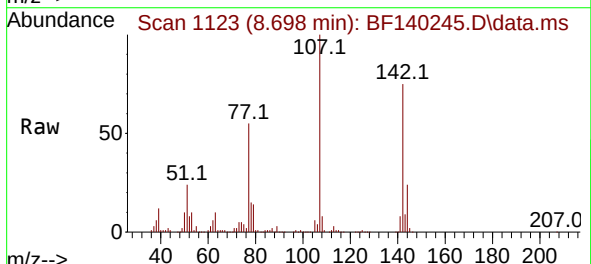
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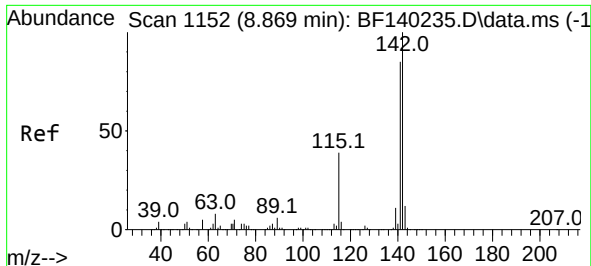
Reviewed By :Yogesh Patel 11/06/2024
Supervised By :mohammad ahmed 11/06/2024



#36
4-Chloro-3-methylphenol
Concen: 9.570 ng
RT: 8.698 min Scan# 1123
Delta R.T. -0.006 min
Lab File: BF140245.D
Acq: 05 Nov 2024 18:49

Tgt Ion:107 Resp: 229702
Ion Ratio Lower Upper
107 100
144 24.2 18.6 27.8
142 74.6 58.1 87.1





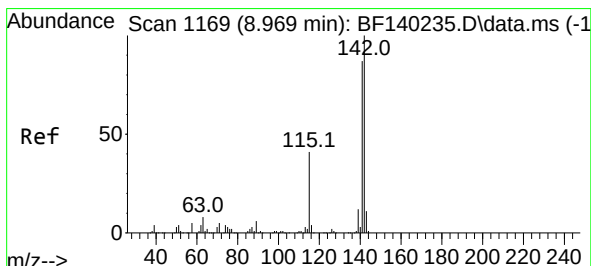
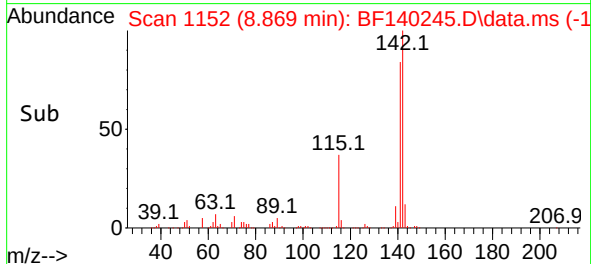
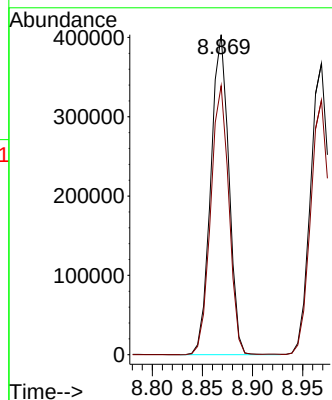
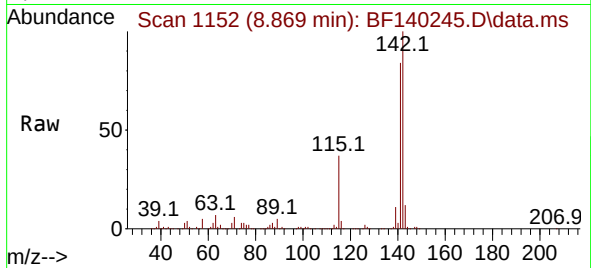
#37
2-Methylnaphthalene
Concen: 9.868 ng
RT: 8.869 min Scan# 1152
Delta R.T. -0.000 min
Lab File: BF140245.D
Acq: 05 Nov 2024 18:49

Instrument : BNA_F
ClientSampleId :
LOQ-WATER-02-QT4-2024

Tgt Ion:142 Resp: 507392
Ion Ratio Lower Upper
142 100
141 84.1 67.8 101.8

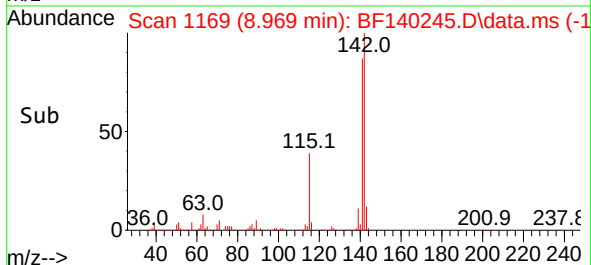
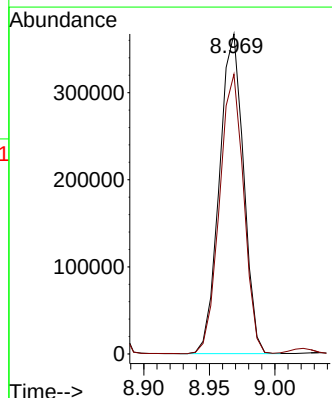
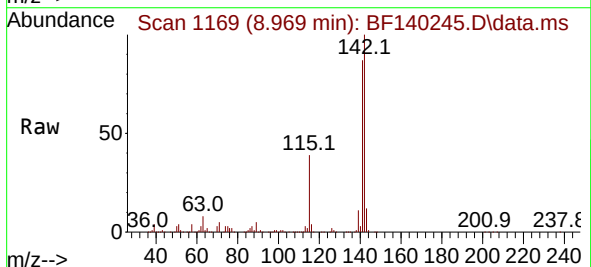
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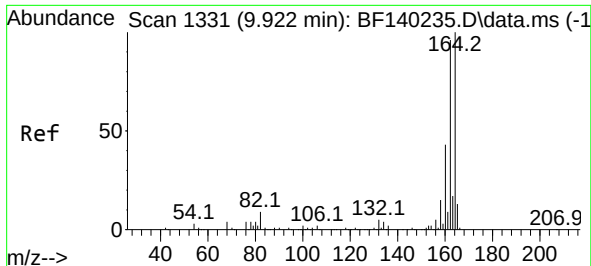
Reviewed By :Yogesh Patel 11/06/2024
Supervised By :mohammad ahmed 11/06/2024



#38
1-Methylnaphthalene
Concen: 9.334 ng
RT: 8.969 min Scan# 1169
Delta R.T. -0.000 min
Lab File: BF140245.D
Acq: 05 Nov 2024 18:49

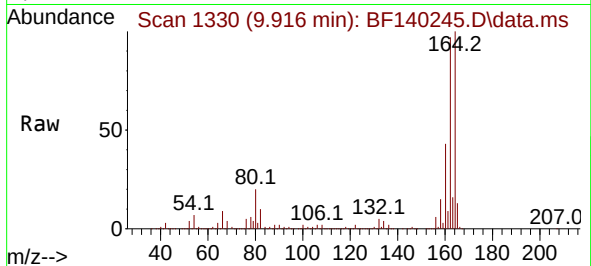
Tgt Ion:142 Resp: 470425
Ion Ratio Lower Upper
142 100
141 87.4 69.7 104.5





#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.916 min Scan# 1180
Delta R.T. -0.006 min
Lab File: BF140245.D
Acq: 05 Nov 2024 18:49

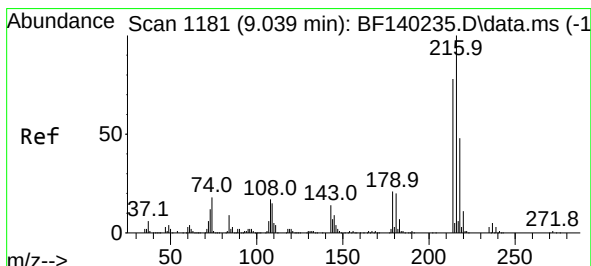
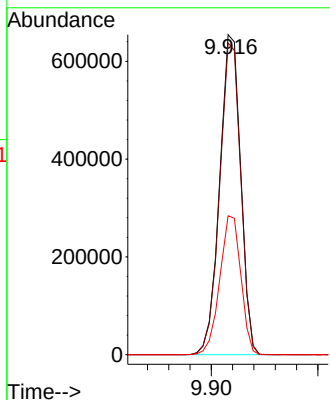
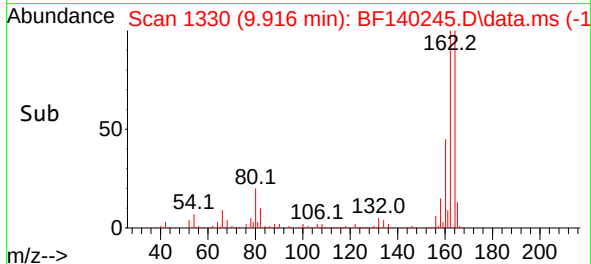
Instrument :
BNA_F
ClientSampleId :
LOQ-WATER-02-QT4-2024



Tgt Ion:164 Resp: 899004
Ion Ratio Lower Upper
164 100
162 97.4 77.0 115.4
160 43.4 34.1 51.1

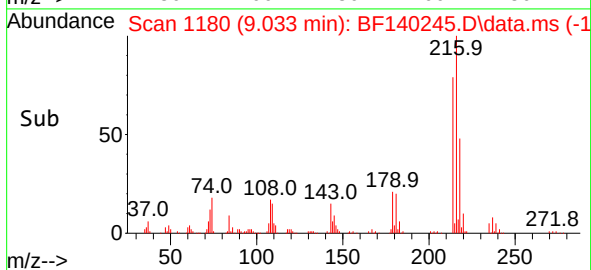
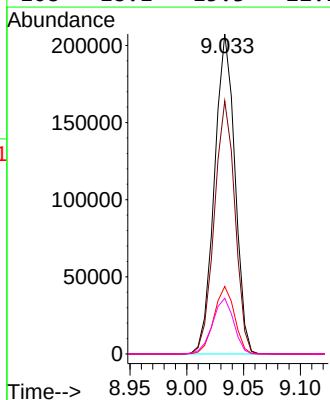
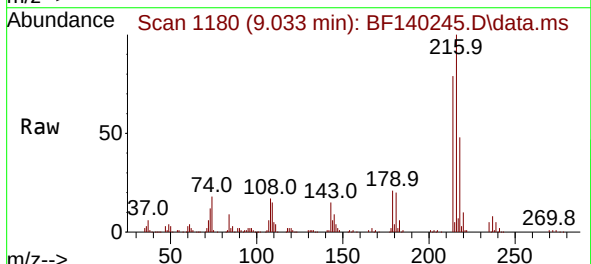
Manual Integrations
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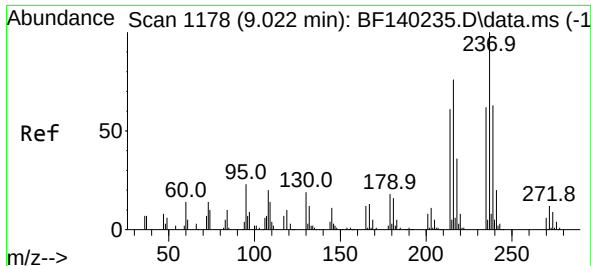
Reviewed By :Yogesh Patel 11/06/2024
Supervised By :mohammad ahmed 11/06/2024



#40
1,2,4,5-Tetrachlorobenzene
Concen: 9.901 ng
RT: 9.033 min Scan# 1180
Delta R.T. -0.006 min
Lab File: BF140245.D
Acq: 05 Nov 2024 18:49

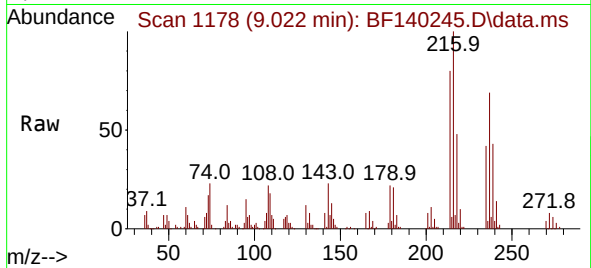
Tgt Ion:216 Resp: 260574
Ion Ratio Lower Upper
216 100
214 79.3 62.8 94.2
179 21.1 17.3 25.9
108 18.1 15.3 22.9





#41
Hexachlorocyclopentadiene
Concen: 8.947 ng
RT: 9.022 min Scan# 1178
Delta R.T. -0.000 min
Lab File: BF140245.D
Acq: 05 Nov 2024 18:49

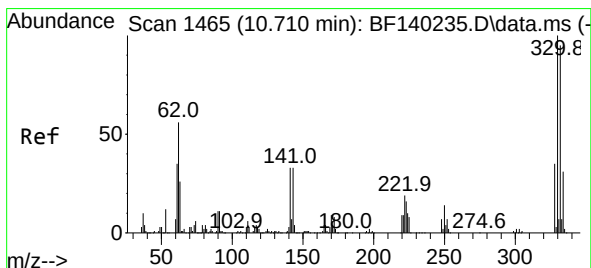
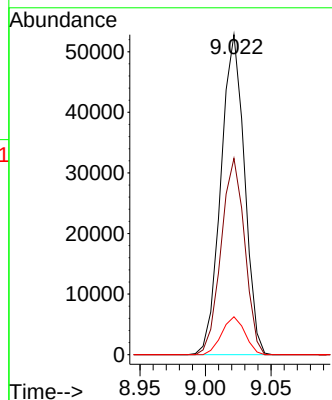
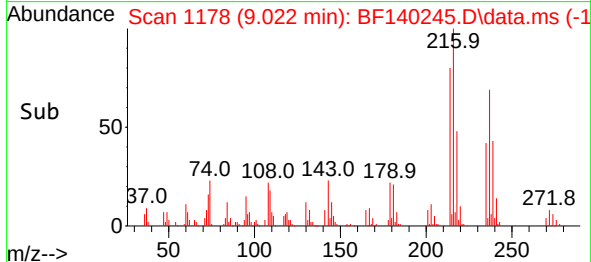
Instrument :
BNA_F
ClientSampleId :
LOQ-WATER-02-QT4-2024



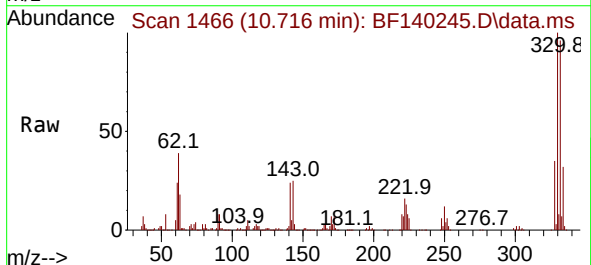
Tgt Ion:237 Resp: 65979
Ion Ratio Lower Upper
237 100
235 61.3 41.8 81.8
272 11.9 0.0 31.8

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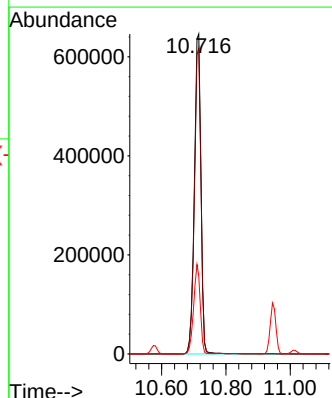
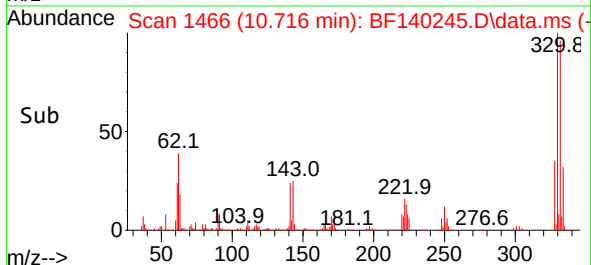
Reviewed By :Yogesh Patel 11/06/2024
Supervised By :mohammad ahmed 11/06/2024

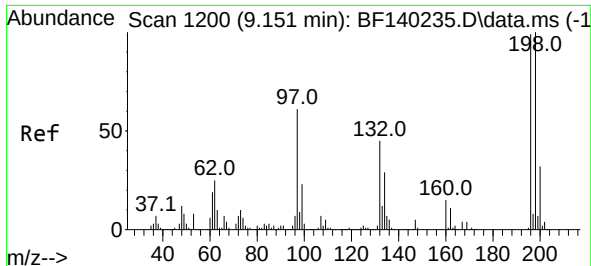


#42
2,4,6-Tribromophenol
Concen: 103.836 ng
RT: 10.716 min Scan# 1466
Delta R.T. 0.006 min
Lab File: BF140245.D
Acq: 05 Nov 2024 18:49



Tgt Ion:330 Resp: 922702
Ion Ratio Lower Upper
330 100
332 95.1 76.4 114.6
141 28.0 27.0 40.4





#43

2,4,6-Trichlorophenol

Concen: 9.649 ng

RT: 9.145 min Scan# 1199

Delta R.T. -0.006 min

Lab File: BF140245.D

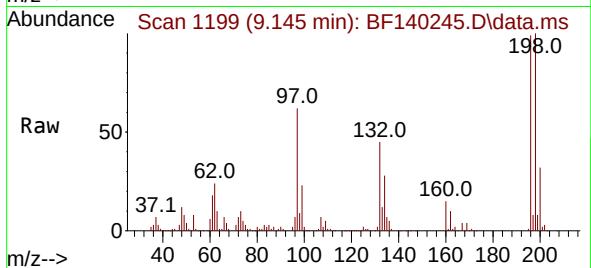
Acq: 05 Nov 2024 18:49

Instrument :

BNA_F

ClientSampleId :

LOQ-WATER-02-QT4-2024



Tgt Ion:196 Resp: 15736

Ion Ratio Lower Upper

196 100

198 101.1 80.8 121.2

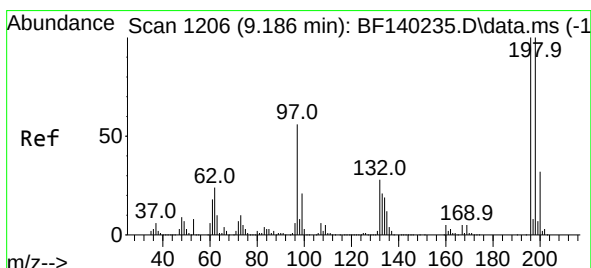
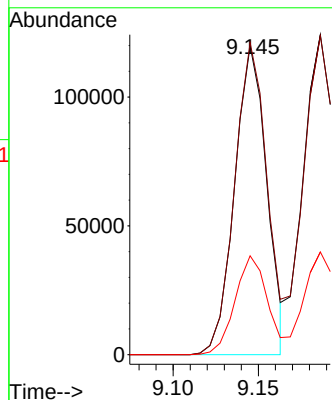
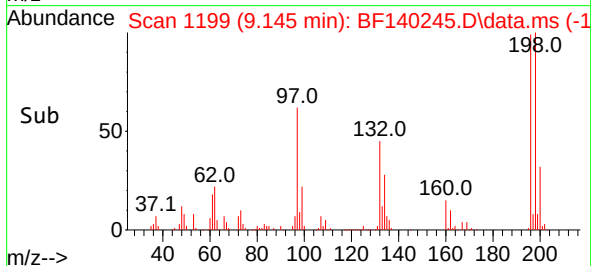
200 32.0 26.0 39.0

Manual Integrations

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Reviewed By :Yogesh Patel 11/06/2024

Supervised By :mohammad ahmed 11/06/2024



#44

2,4,5-Trichlorophenol

Concen: 9.872 ng

RT: 9.186 min Scan# 1206

Delta R.T. -0.000 min

Lab File: BF140245.D

Acq: 05 Nov 2024 18:49

Tgt Ion:196 Resp: 169291

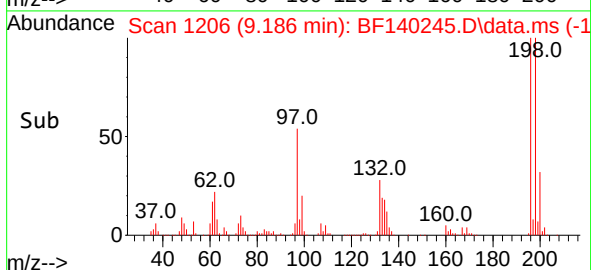
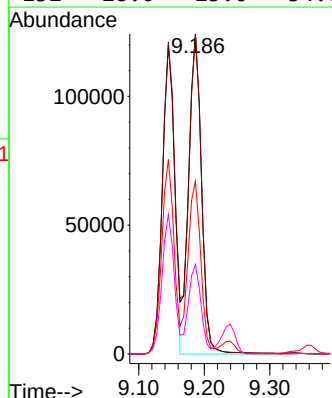
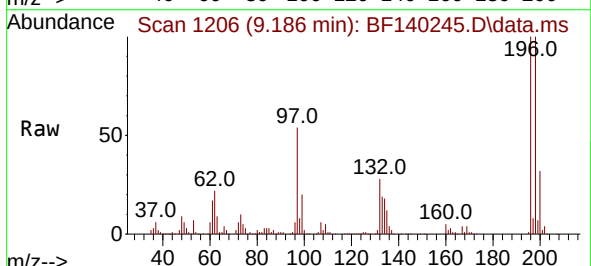
Ion Ratio Lower Upper

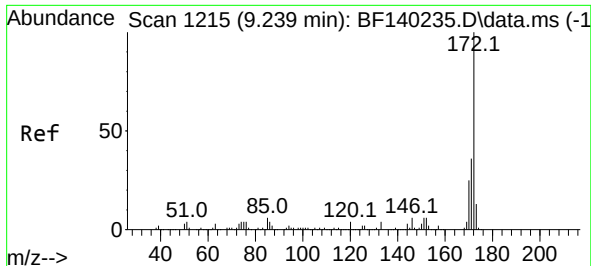
196 100

198 99.6 80.0 120.0

97 53.9 45.7 68.5

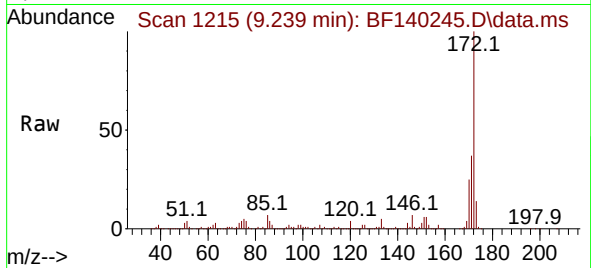
132 28.0 23.0 34.6





#45
2-Fluorobiphenyl
Concen: 60.613 ng
RT: 9.239 min Scan# 1215
Delta R.T. -0.000 min
Lab File: BF140245.D
Acq: 05 Nov 2024 18:49

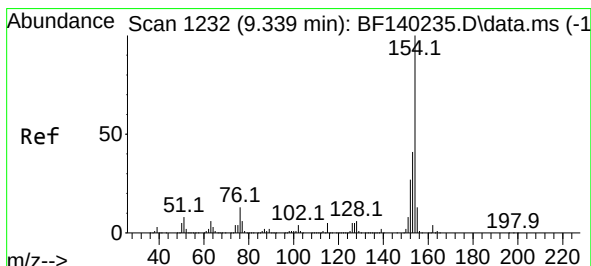
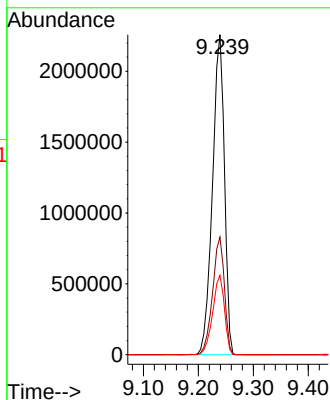
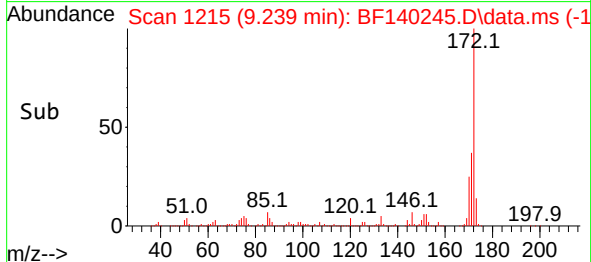
Instrument : BNA_F
ClientSampleId :
LOQ-WATER-02-QT4-2024



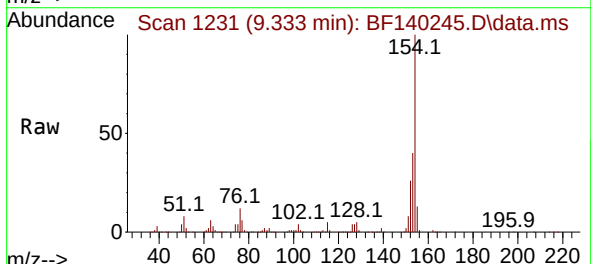
Tgt Ion:172 Resp: 341251
Ion Ratio Lower Upper
172 100
171 36.8 28.8 43.2
170 24.8 19.6 29.4

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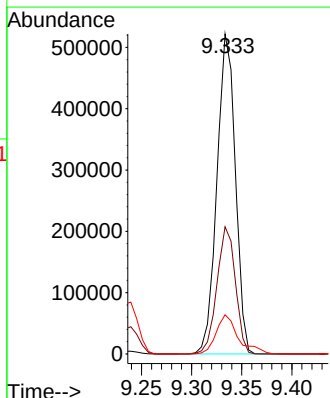
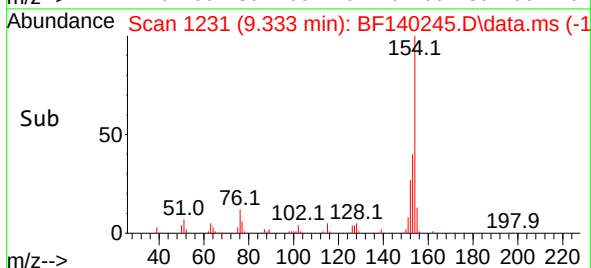
Reviewed By :Yogesh Patel 11/06/2024
Supervised By :mohammad ahmed 11/06/2024

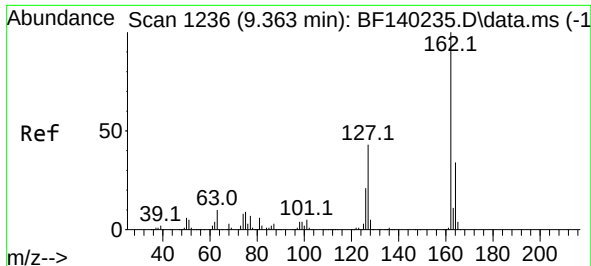


#46
1,1'-Biphenyl
Concen: 10.243 ng
RT: 9.333 min Scan# 1231
Delta R.T. -0.006 min
Lab File: BF140245.D
Acq: 05 Nov 2024 18:49



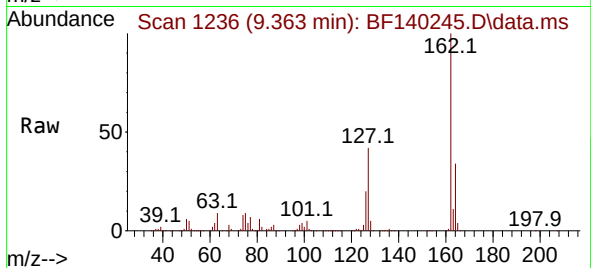
Tgt Ion:154 Resp: 665638
Ion Ratio Lower Upper
154 100
153 39.7 20.8 60.8
76 12.2 0.0 32.6





#47
2-Chloronaphthalene
Concen: 9.595 ng
RT: 9.363 min Scan# 1236
Delta R.T. -0.000 min
Lab File: BF140245.D
Acq: 05 Nov 2024 18:49

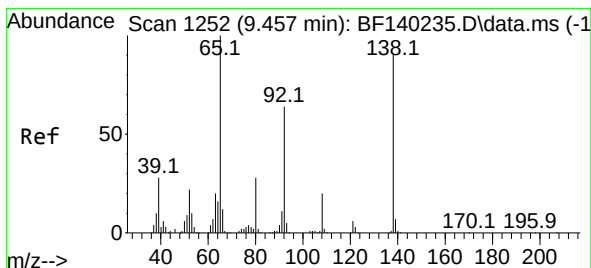
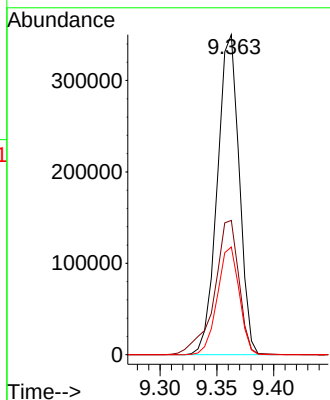
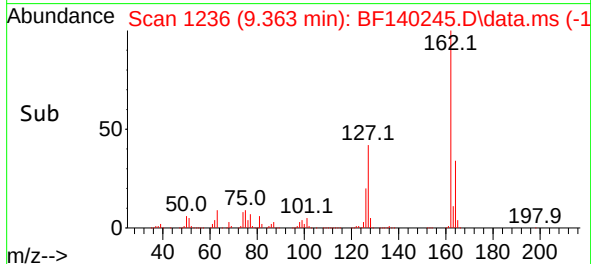
Instrument : BNA_F
ClientSampleId :
LOQ-WATER-02-QT4-2024



Tgt Ion:162 Resp: 46927
Ion Ratio Lower Upper
162 100
127 41.9 34.8 52.2
164 33.7 27.3 40.9

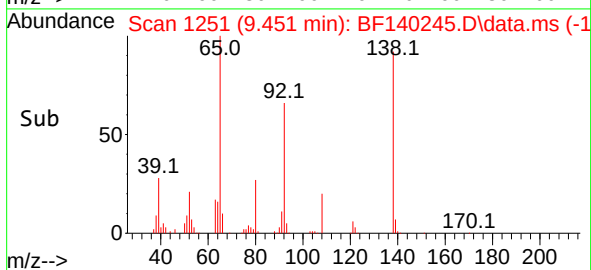
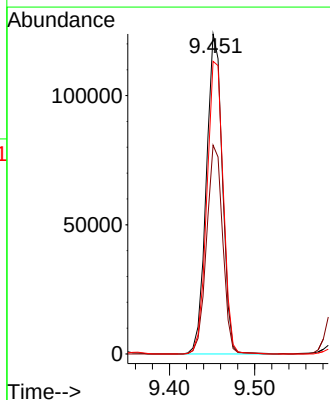
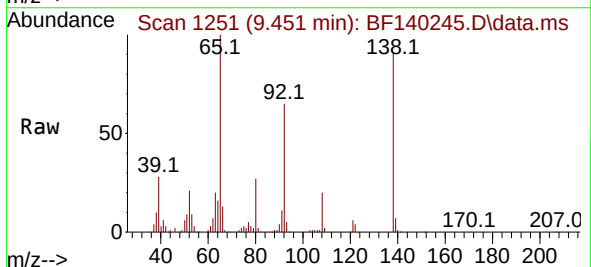
Manual Integrations
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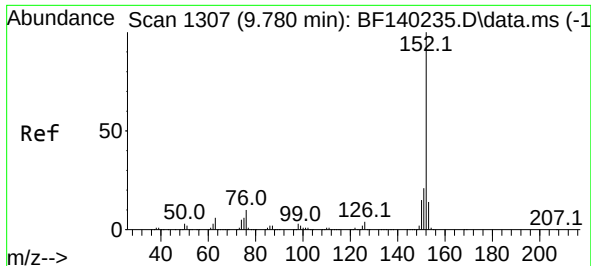
Reviewed By :Yogesh Patel 11/06/2024
Supervised By :mohammad ahmed 11/06/2024



#48
2-Nitroaniline
Concen: 9.916 ng
RT: 9.451 min Scan# 1251
Delta R.T. -0.006 min
Lab File: BF140245.D
Acq: 05 Nov 2024 18:49

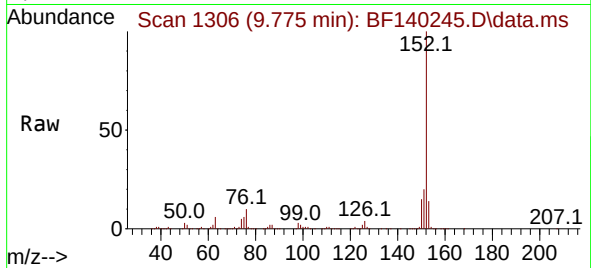
Tgt Ion: 65 Resp: 162190
Ion Ratio Lower Upper
65 100
92 65.3 51.6 77.4
138 91.4 73.0 109.6





#49
Acenaphthylene
Concen: 10.646 ng
RT: 9.775 min Scan# 11
Delta R.T. -0.005 min
Lab File: BF140245.D
Acq: 05 Nov 2024 18:49

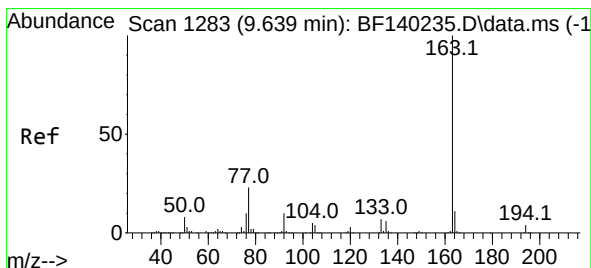
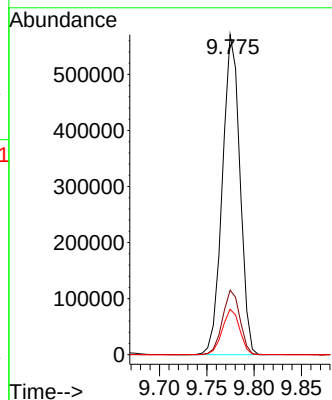
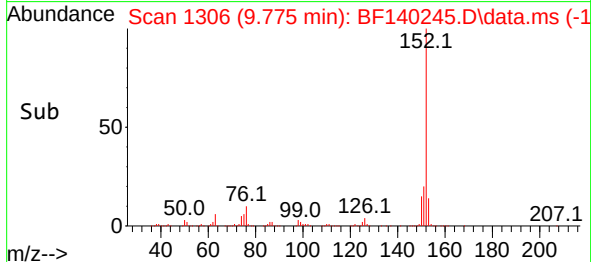
Instrument :
BNA_F
ClientSampleId :
LOQ-WATER-02-QT4-2024



Tgt Ion:152 Resp: 73718
Ion Ratio Lower Upper
152 100
151 20.1 16.4 24.6
153 14.2 11.1 16.7

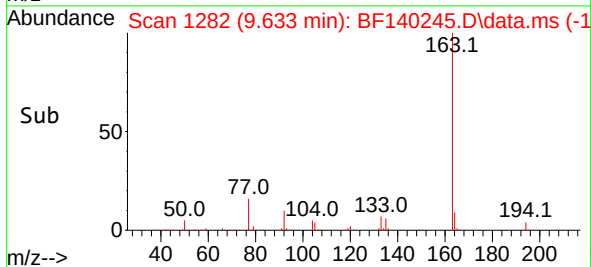
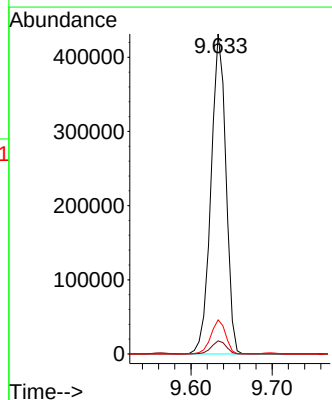
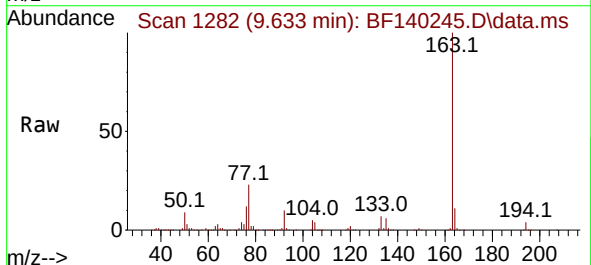
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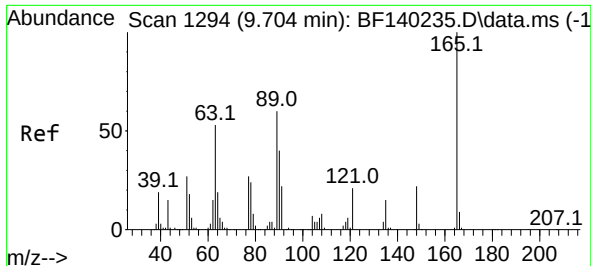
Reviewed By :Yogesh Patel 11/06/2024
Supervised By :mohammad ahmed 11/06/2024



#50
Dimethylphthalate
Concen: 9.945 ng
RT: 9.633 min Scan# 1282
Delta R.T. -0.006 min
Lab File: BF140245.D
Acq: 05 Nov 2024 18:49

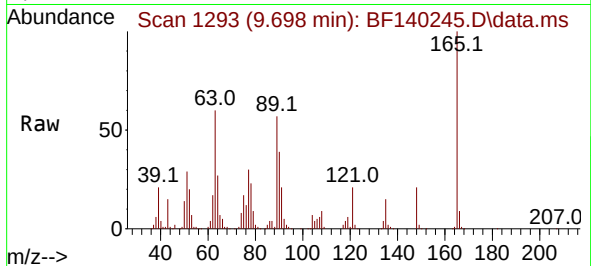
Tgt Ion:163 Resp: 550601
Ion Ratio Lower Upper
163 100
194 4.1 3.2 4.8
164 10.7 8.6 13.0





#51
2,6-Dinitrotoluene
Concen: 9.568 ng
RT: 9.698 min Scan# 1294
Delta R.T. -0.006 min
Lab File: BF140245.D
Acq: 05 Nov 2024 18:49

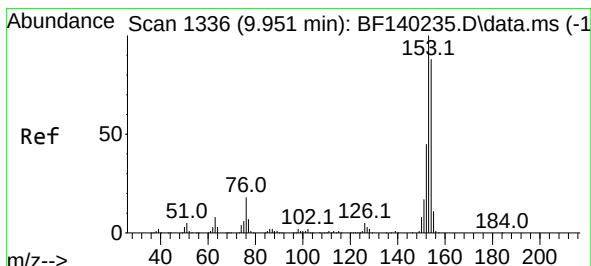
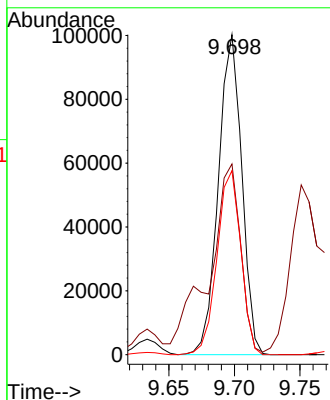
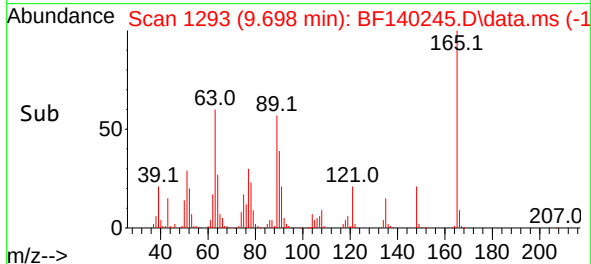
Instrument :
BNA_F
ClientSampleId :
LOQ-WATER-02-QT4-2024



Tgt Ion:165 Resp: 12452
Ion Ratio Lower Upper
165 100
63 59.6 48.8 73.2
89 57.5 48.1 72.1

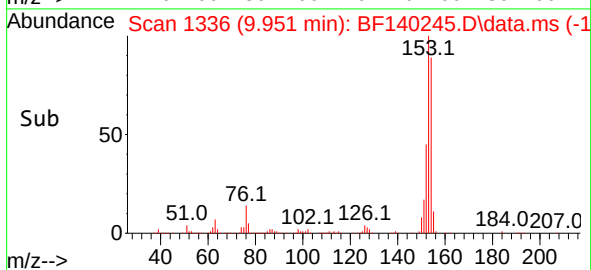
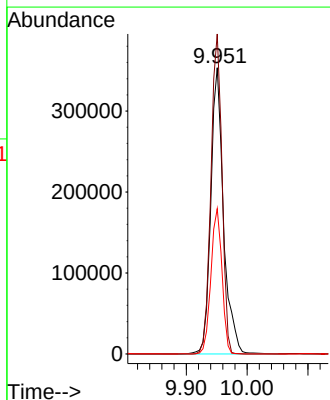
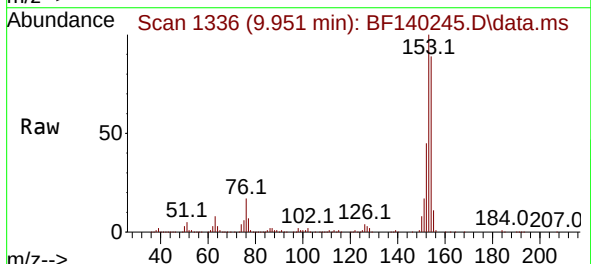
Manual Integrations
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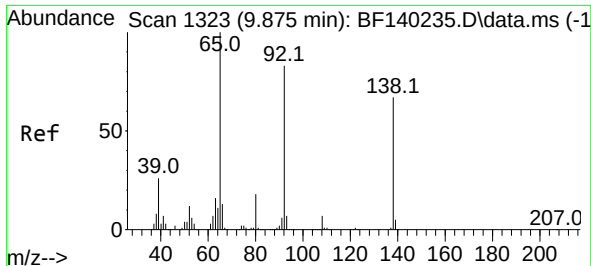
Reviewed By :Yogesh Patel 11/06/2024
Supervised By :mohammad ahmed 11/06/2024



#52
Acenaphthene
Concen: 10.483 ng
RT: 9.951 min Scan# 1336
Delta R.T. -0.000 min
Lab File: BF140245.D
Acq: 05 Nov 2024 18:49

Tgt Ion:154 Resp: 514843
Ion Ratio Lower Upper
154 100
153 111.8 91.3 136.9
152 50.8 41.4 62.2





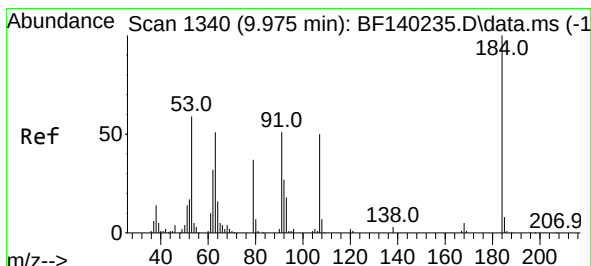
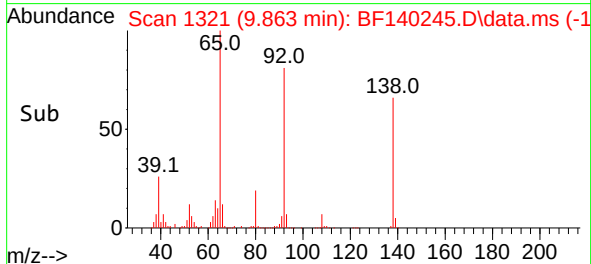
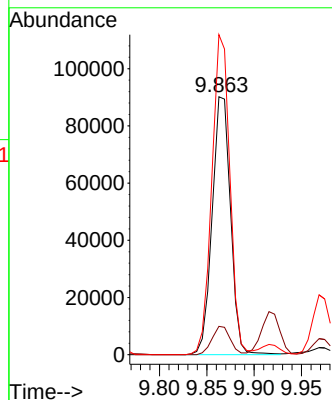
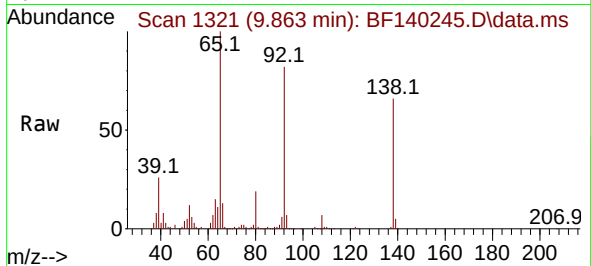
#53
3-Nitroaniline
Concen: 9.931 ng
RT: 9.863 min Scan# 11
Delta R.T. -0.012 min
Lab File: BF140245.D
Acq: 05 Nov 2024 18:49

Instrument :
BNA_F
ClientSampleId :
LOQ-WATER-02-QT4-2024

Tgt Ion:138 Resp: 12170
Ion Ratio Lower Upper
138 100
108 11.0 8.8 13.2
92 124.0 100.0 150.0

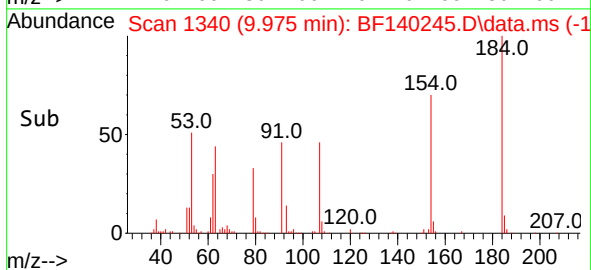
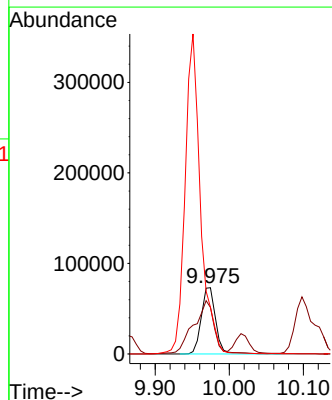
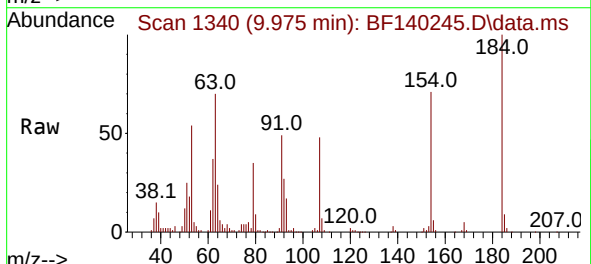
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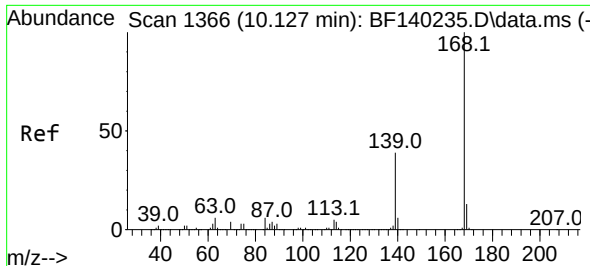
Reviewed By :Yogesh Patel 11/06/2024
Supervised By :mohammad ahmed 11/06/2024



#54
2,4-Dinitrophenol
Concen: 18.438 ng
RT: 9.975 min Scan# 1340
Delta R.T. -0.000 min
Lab File: BF140245.D
Acq: 05 Nov 2024 18:49

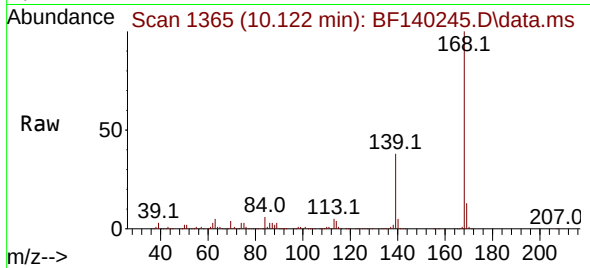
Tgt Ion:184 Resp: 99109
Ion Ratio Lower Upper
184 100
63 70.3 60.1 90.1
154 70.6 66.3 99.5





#55
Dibenzofuran
Concen: 10.176 ng
RT: 10.122 min Scan# 11
Delta R.T. -0.005 min
Lab File: BF140245.D
Acq: 05 Nov 2024 18:49

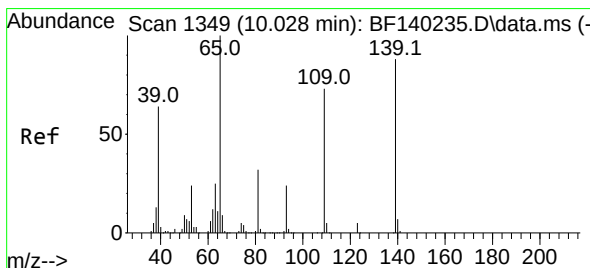
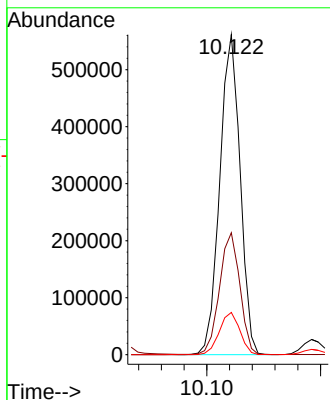
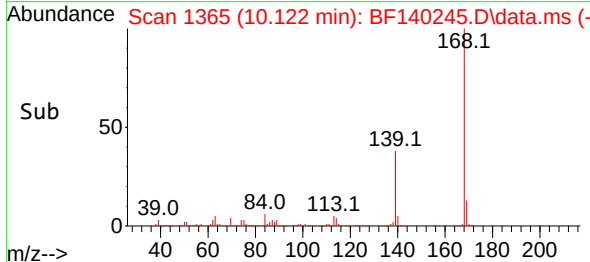
Instrument :
BNA_F
ClientSampleId :
LOQ-WATER-02-QT4-2024



Tgt Ion:168 Resp: 698854
Ion Ratio Lower Upper
168 100
139 38.1 31.5 47.3
169 13.2 10.6 15.8

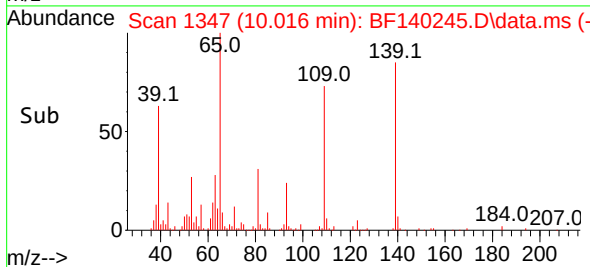
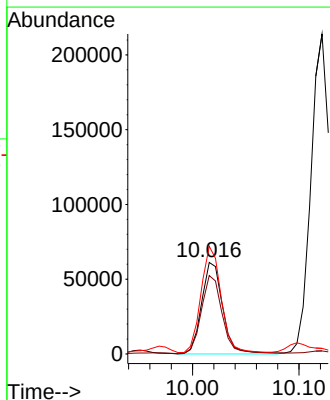
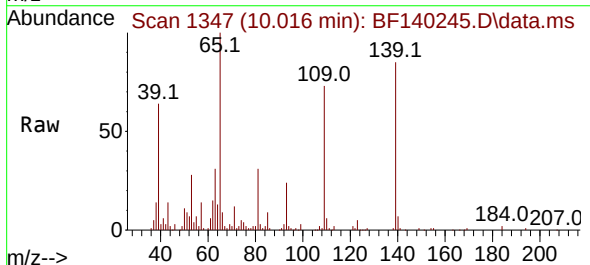
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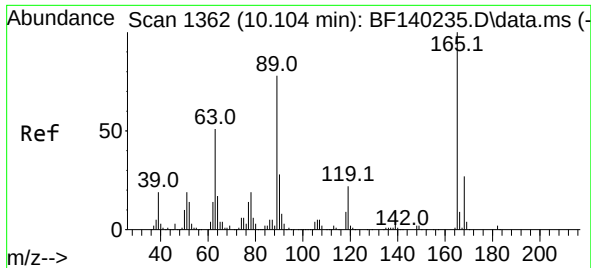
Reviewed By :Yogesh Patel 11/06/2024
Supervised By :mohammad ahmed 11/06/2024



#56
4-Nitrophenol
Concen: 9.803 ng
RT: 10.016 min Scan# 1347
Delta R.T. -0.012 min
Lab File: BF140245.D
Acq: 05 Nov 2024 18:49

Tgt Ion:139 Resp: 84466
Ion Ratio Lower Upper
139 100
109 85.6 63.8 103.8
65 117.7 94.7 134.7





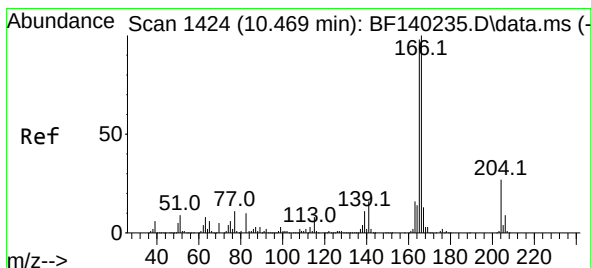
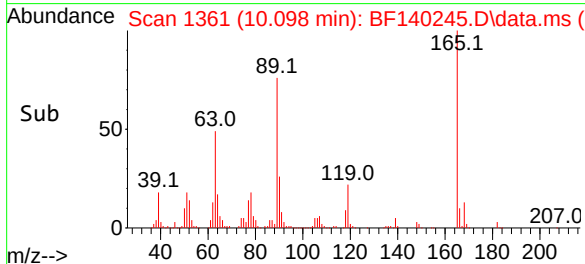
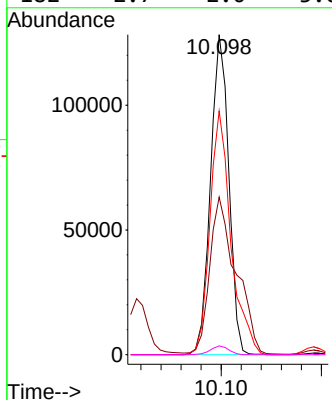
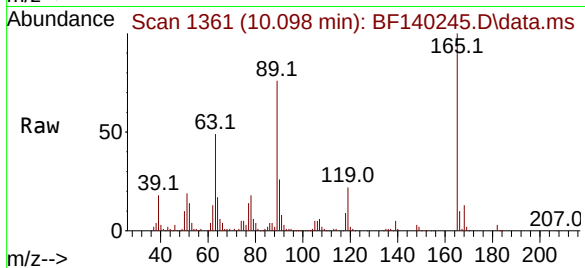
#57
2,4-Dinitrotoluene
Concen: 9.576 ng
RT: 10.098 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF140245.D
Acq: 05 Nov 2024 18:49

Instrument :
BNA_F
ClientSampleId :
LOQ-WATER-02-QT4-2024

Tgt Ion:165 Resp: 16172
Ion Ratio Lower Upper
165 100
63 49.2 41.3 61.9
89 76.1 62.6 94.0
182 2.7 2.0 3.0

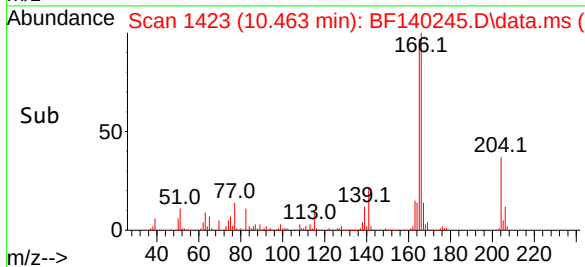
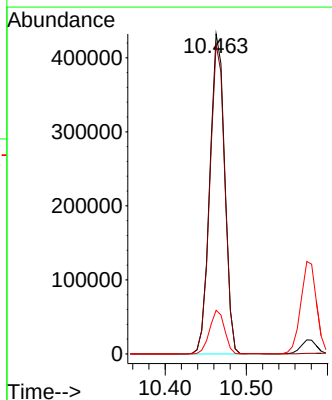
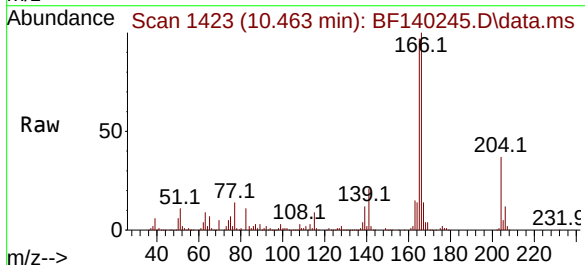
Manual Integrations
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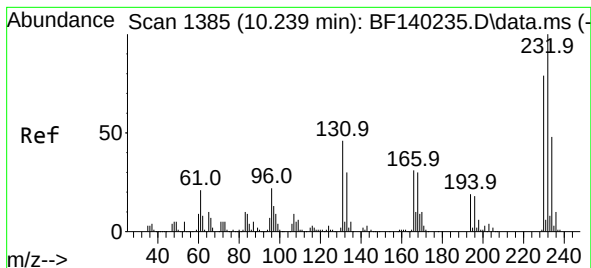
Reviewed By :Yogesh Patel 11/06/2024
Supervised By :mohammad ahmed 11/06/2024



#58
Fluorene
Concen: 10.055 ng
RT: 10.463 min Scan# 1423
Delta R.T. -0.006 min
Lab File: BF140245.D
Acq: 05 Nov 2024 18:49

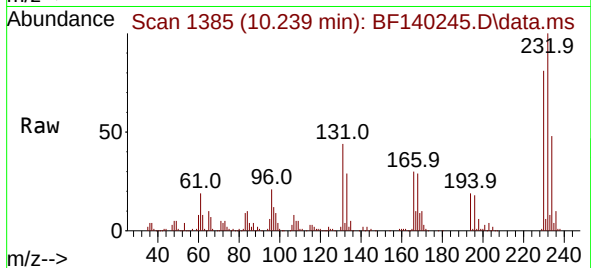
Tgt Ion:166 Resp: 549707
Ion Ratio Lower Upper
166 100
165 96.8 78.7 118.1
167 13.7 10.8 16.2





#59
2,3,4,6-Tetrachlorophenol
Concen: 9.855 ng
RT: 10.239 min Scan# 1385
Delta R.T. -0.000 min
Lab File: BF140245.D
Acq: 05 Nov 2024 18:49

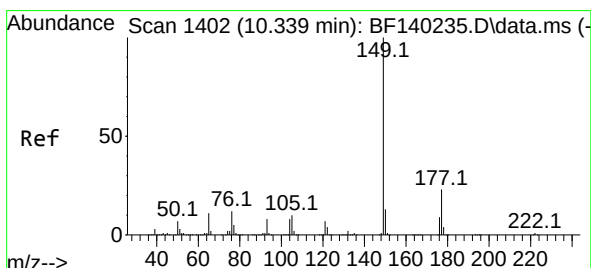
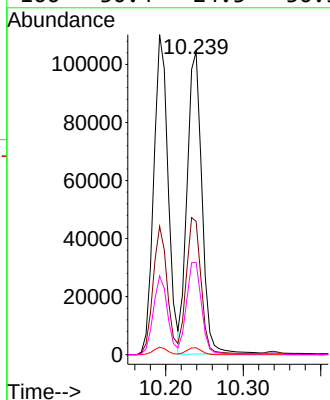
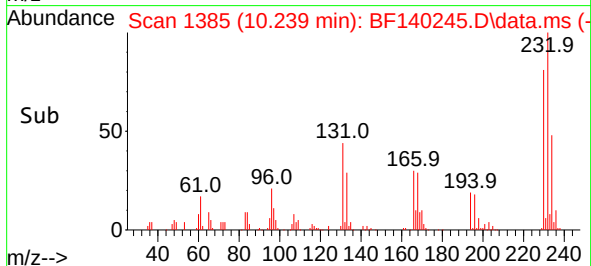
Instrument : BNA_F
ClientSampleId :
LOQ-WATER-02-QT4-2024



Tgt Ion:232 Resp: 138439
Ion Ratio Lower Upper
232 100
131 45.2 37.2 55.8
130 2.3 1.8 2.8
166 30.4 24.3 36.5

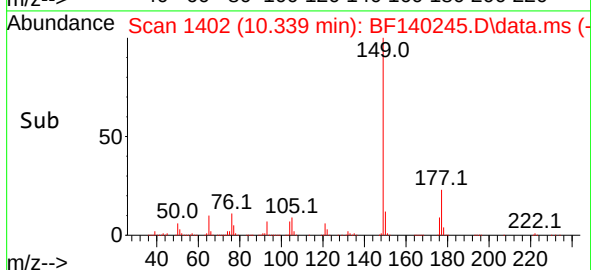
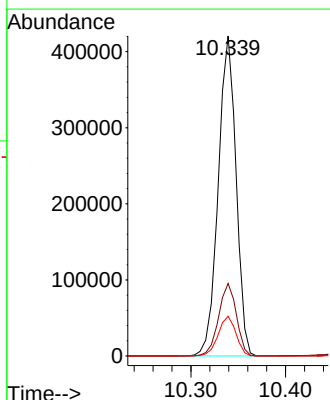
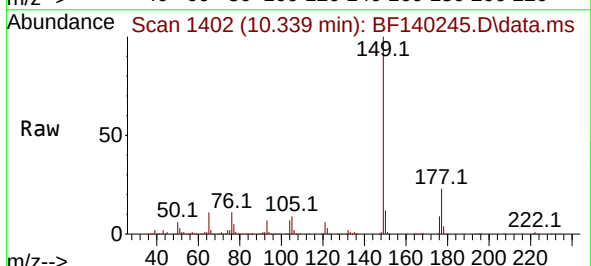
Manual Integrations
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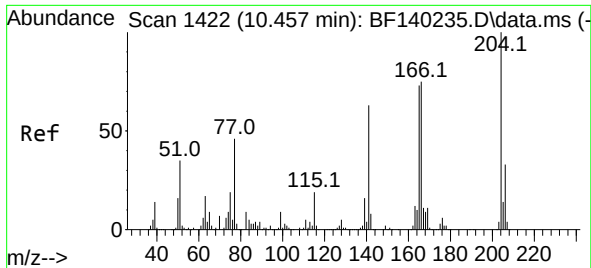
Reviewed By :Yogesh Patel 11/06/2024
Supervised By :mohammad ahmed 11/06/2024



#60
Diethylphthalate
Concen: 10.020 ng
RT: 10.339 min Scan# 1402
Delta R.T. -0.000 min
Lab File: BF140245.D
Acq: 05 Nov 2024 18:49

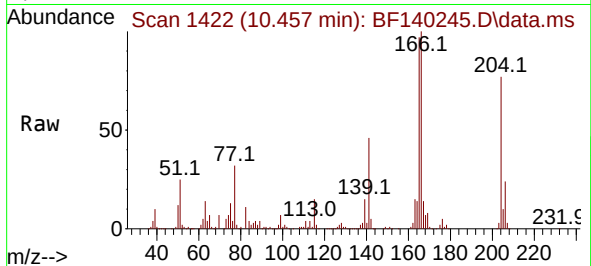
Tgt Ion:149 Resp: 551292
Ion Ratio Lower Upper
149 100
177 22.7 18.1 27.1
150 12.4 10.2 15.4





#61
4-Chlorophenyl-phenylether
Concen: 9.987 ng
RT: 10.457 min Scan# 1422
Delta R.T. -0.000 min
Lab File: BF140245.D
Acq: 05 Nov 2024 18:49

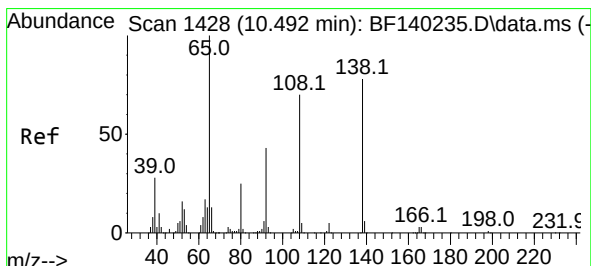
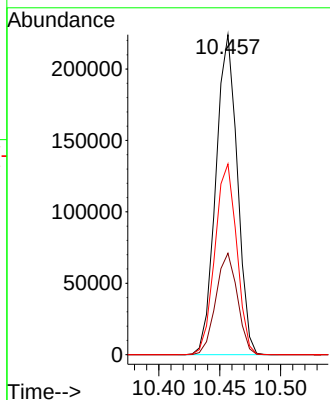
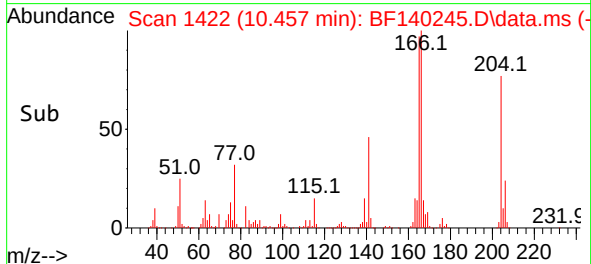
Instrument :
BNA_F
ClientSampleId :
LOQ-WATER-02-QT4-2024



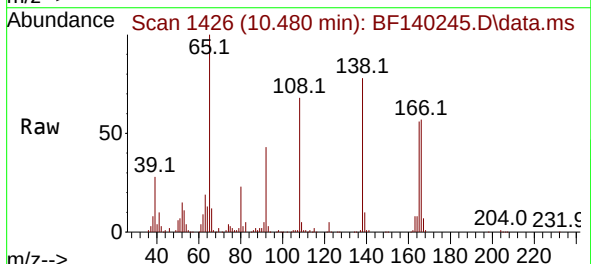
Tgt Ion:204 Resp: 27516
Ion Ratio Lower Upper
204 100
206 31.7 26.2 39.4
141 59.6 50.3 75.5

Manual Integrations
APPROVED

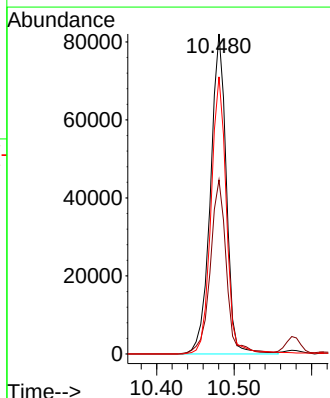
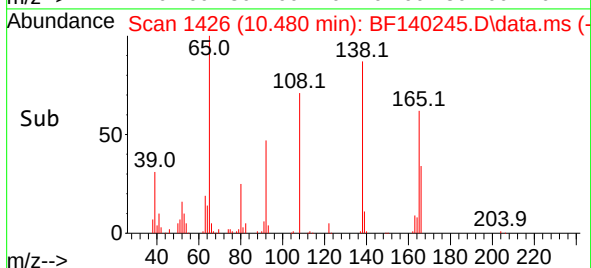
Reviewed By :Yogesh Patel 11/06/2024
Supervised By :mohammad ahmed 11/06/2024

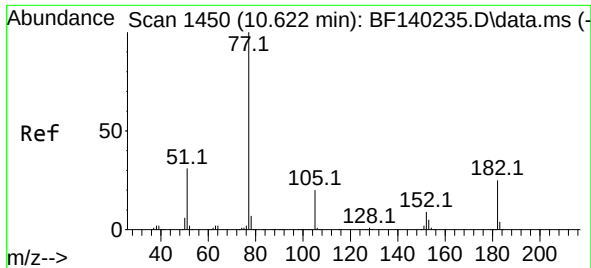


#62
4-Nitroaniline
Concen: 9.621 ng
RT: 10.480 min Scan# 1426
Delta R.T. -0.012 min
Lab File: BF140245.D
Acq: 05 Nov 2024 18:49



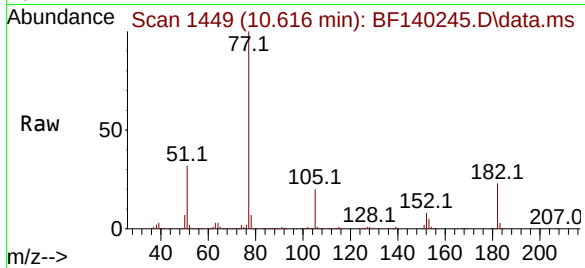
Tgt Ion:138 Resp: 117158
Ion Ratio Lower Upper
138 100
92 54.4 35.3 75.3
108 86.6 70.1 110.1





#63
Azobenzene
Concen: 10.013 ng
RT: 10.616 min Scan# 1449
Delta R.T. -0.006 min
Lab File: BF140245.D
Acq: 05 Nov 2024 18:49

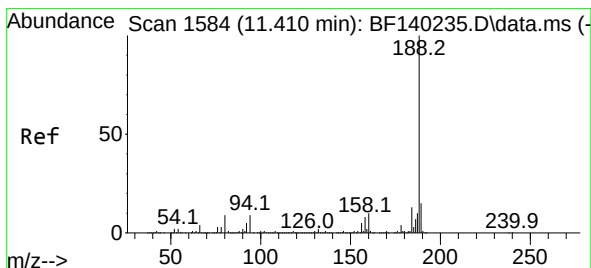
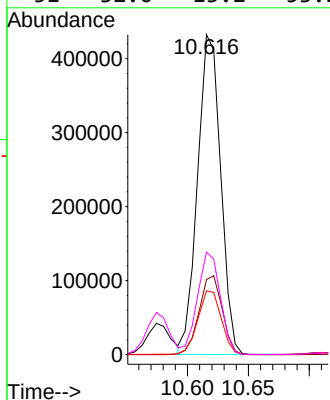
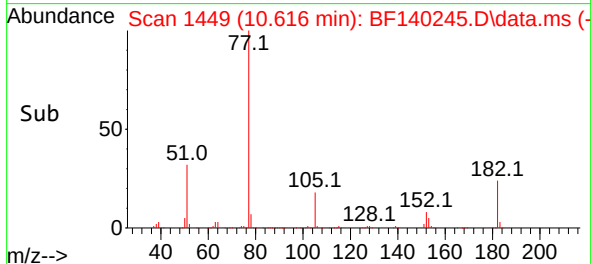
Instrument :
BNA_F
ClientSampleId :
LOQ-WATER-02-QT4-2024



Tgt Ion: 77 Resp: 571074
Ion Ratio Lower Upper
77 100
182 23.5 4.7 44.7
105 20.0 0.0 40.0
51 32.0 13.2 53.2

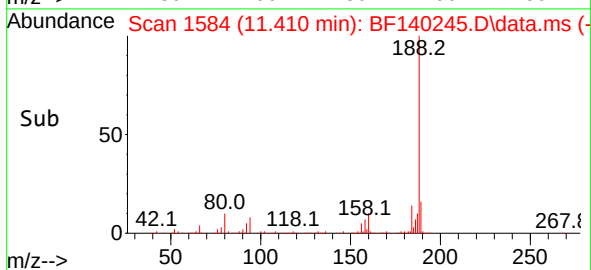
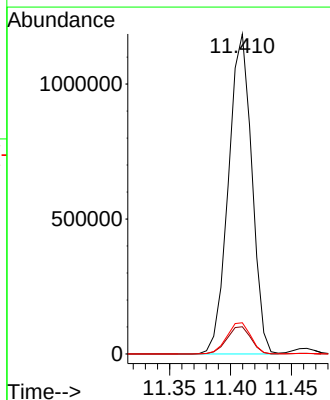
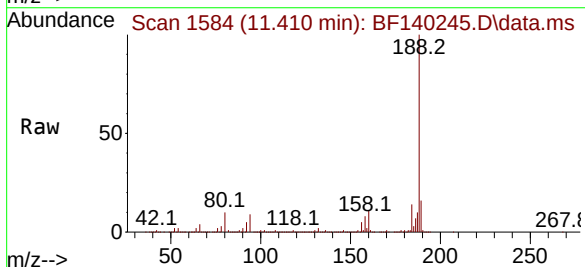
Manual Integrations
APPROVED

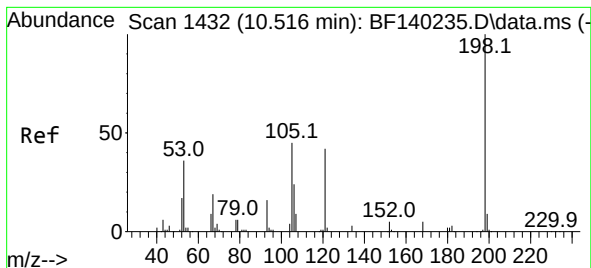
Reviewed By :Yogesh Patel 11/06/2024
Supervised By :mohammad ahmed 11/06/2024



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.410 min Scan# 1584
Delta R.T. -0.000 min
Lab File: BF140245.D
Acq: 05 Nov 2024 18:49

Tgt Ion:188 Resp: 1584597
Ion Ratio Lower Upper
188 100
94 8.5 6.9 10.3
80 9.8 7.5 11.3





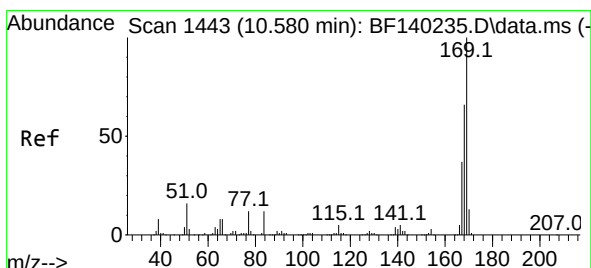
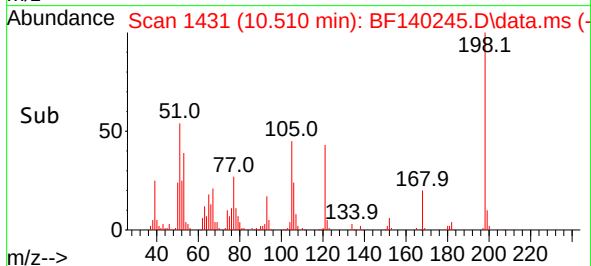
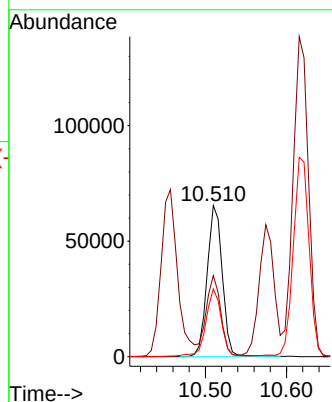
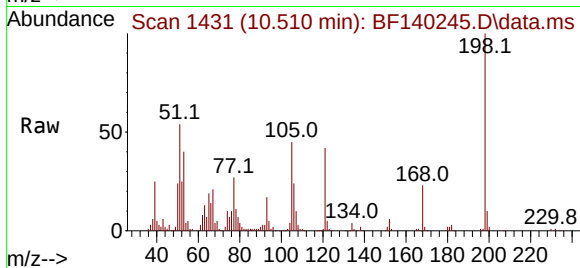
#65
4,6-Dinitro-2-methylphenol
Concen: 10.193 ng
RT: 10.510 min Scan# 1431
Delta R.T. -0.006 min
Lab File: BF140245.D
Acq: 05 Nov 2024 18:49

Instrument :
BNA_F
ClientSampleId :
LOQ-WATER-02-QT4-2024

Tgt Ion:198 Resp: 8483
Ion Ratio Lower Upper
198 100
51 53.6 34.0 74.0
105 44.9 25.1 65.1

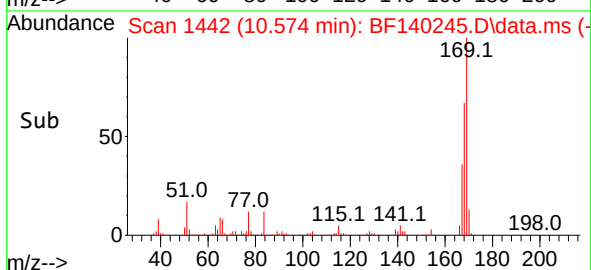
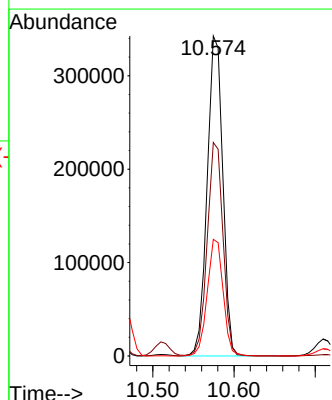
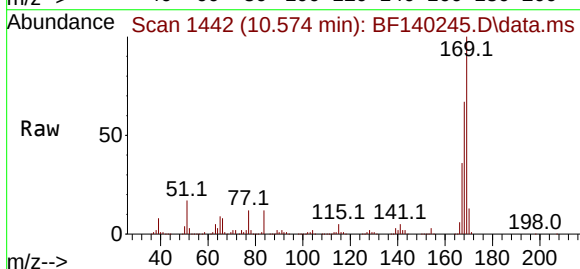
Manual Integrations
APPROVED

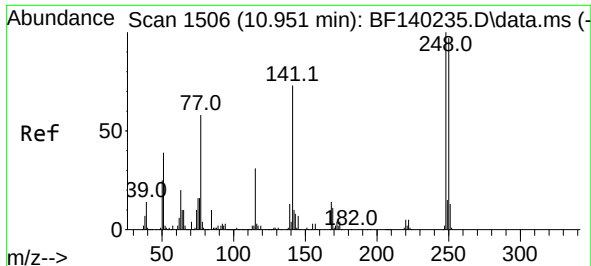
Reviewed By :Yogesh Patel 11/06/2024
Supervised By :mohammad ahmed 11/06/2024



#66
n-Nitrosodiphenylamine
Concen: 10.002 ng
RT: 10.574 min Scan# 1442
Delta R.T. -0.006 min
Lab File: BF140245.D
Acq: 05 Nov 2024 18:49

Tgt Ion:169 Resp: 455832
Ion Ratio Lower Upper
169 100
168 66.7 53.0 79.6
167 36.5 29.4 44.2





#67

4-Bromophenyl-phenylether

Concen: 10.253 ng

RT: 10.945 min Scan# 1505

Delta R.T. -0.006 min

Lab File: BF140245.D

Acq: 05 Nov 2024 18:49

Instrument :

BNA_F

ClientSampleId :

LOQ-WATER-02-QT4-2024

Tgt Ion:248 Resp: 174949

Ion Ratio Lower Upper

248 100

250 98.0 77.9 116.9

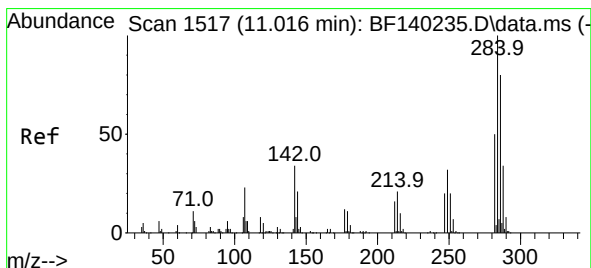
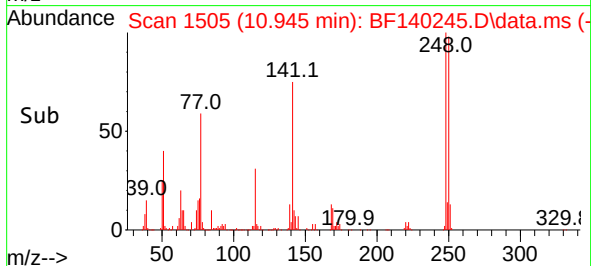
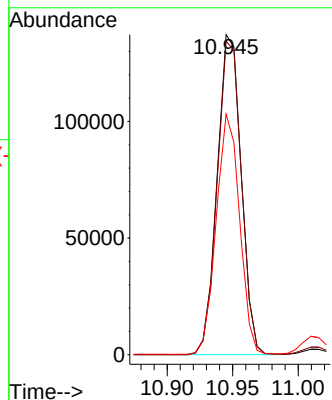
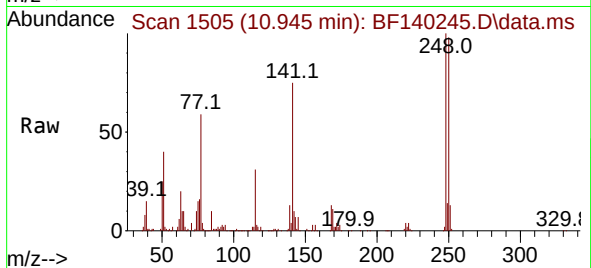
141 75.2 58.6 88.0

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 11/06/2024

Supervised By :mohammad ahmed 11/06/2024



#68

Hexachlorobenzene

Concen: 9.897 ng

RT: 11.016 min Scan# 1517

Delta R.T. -0.000 min

Lab File: BF140245.D

Acq: 05 Nov 2024 18:49

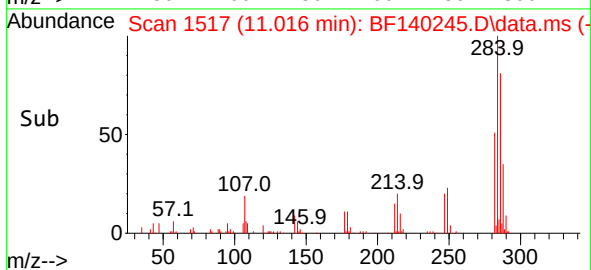
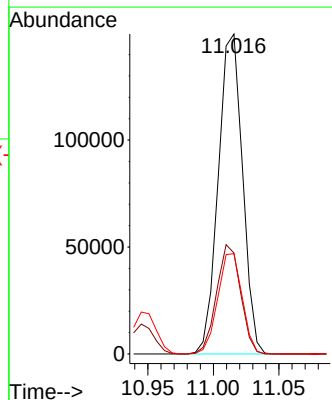
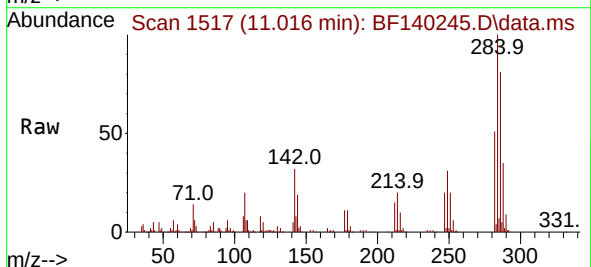
Tgt Ion:284 Resp: 192505

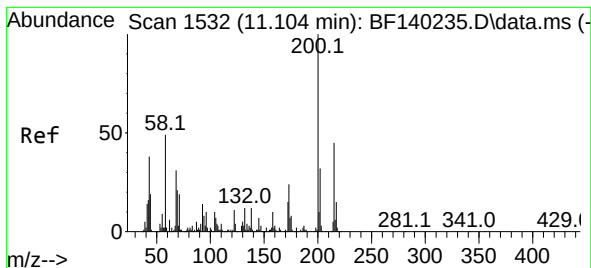
Ion Ratio Lower Upper

284 100

142 31.5 27.5 41.3

249 31.4 26.2 39.2





#69

Atrazine

Concen: 13.105 ng

RT: 11.098 min Scan# 1531

Delta R.T. -0.006 min

Lab File: BF140245.D

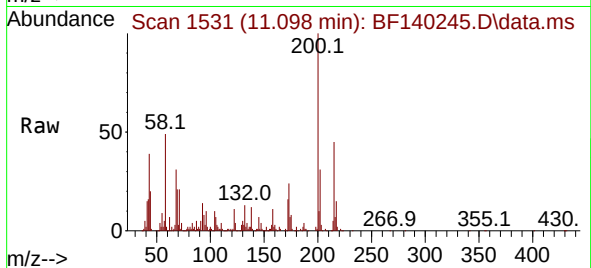
Acq: 05 Nov 2024 18:49

Instrument :

BNA_F

ClientSampleId :

LOQ-WATER-02-QT4-2024



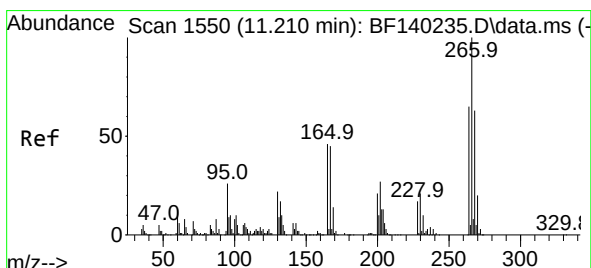
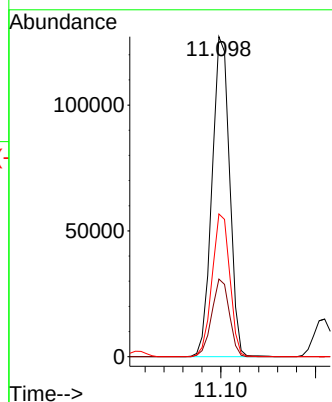
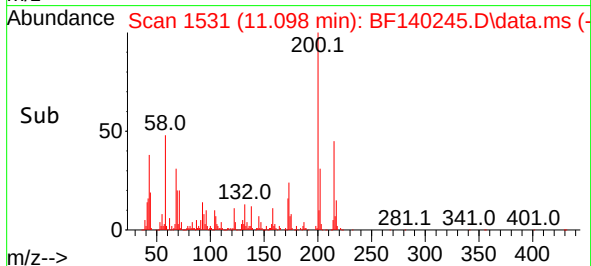
Tgt Ion:	200	Resp:	163409
Ion Ratio	Lower	Upper	
200	100		
173	24.3	4.4	44.4
215	44.6	25.2	65.2

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 11/06/2024

Supervised By :mohammad ahmed 11/06/2024



#70

Pentachlorophenol

Concen: 10.284 ng

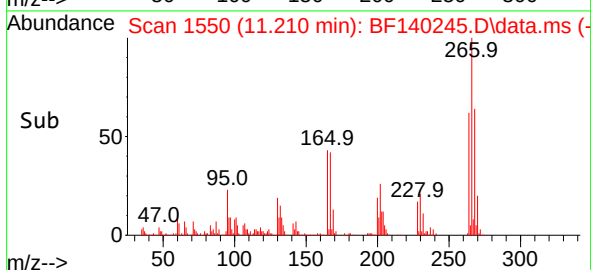
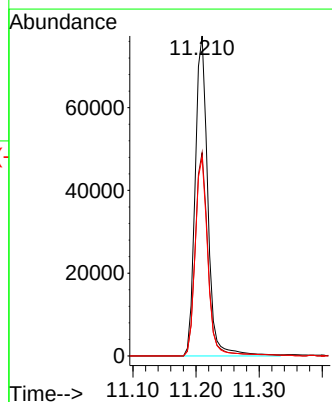
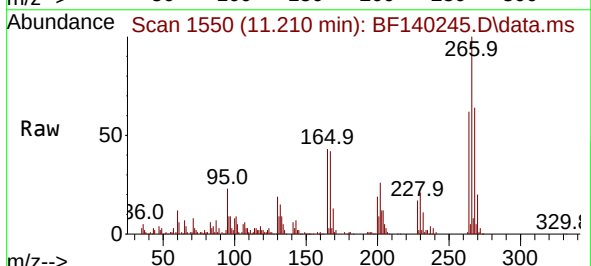
RT: 11.210 min Scan# 1550

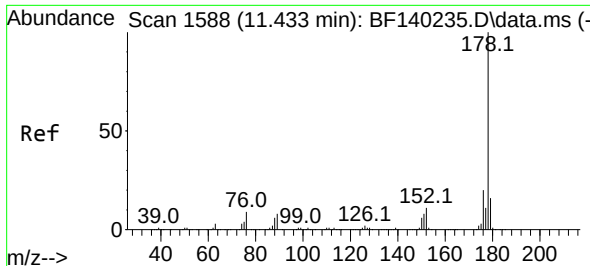
Delta R.T. -0.000 min

Lab File: BF140245.D

Acq: 05 Nov 2024 18:49

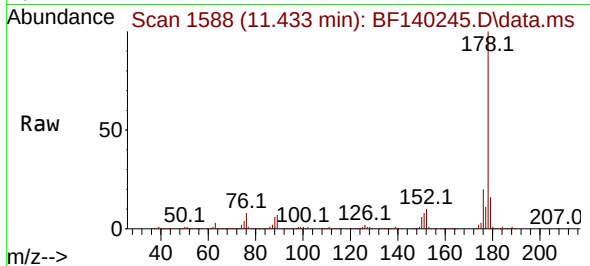
Tgt Ion:	266	Resp:	107410
Ion Ratio	Lower	Upper	
266	100		
268	63.6	50.2	75.4
264	62.0	52.2	78.4





#71
Phenanthrene
Concen: 10.623 ng
RT: 11.433 min Scan# 1588
Delta R.T. -0.000 min
Lab File: BF140245.D
Acq: 05 Nov 2024 18:49

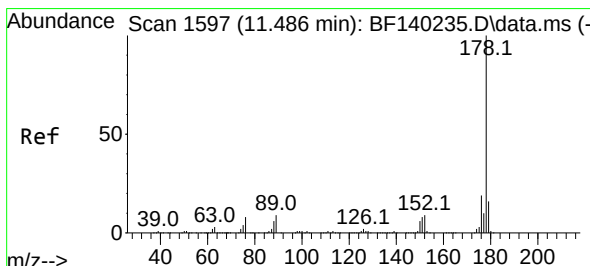
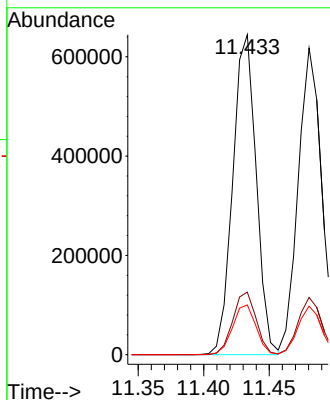
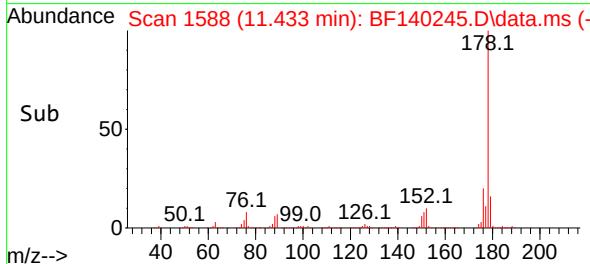
Instrument :
BNA_F
ClientSampleId :
LOQ-WATER-02-QT4-2024



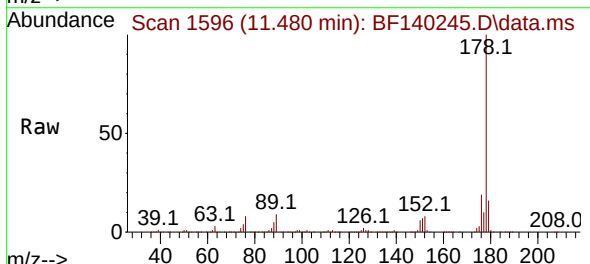
Tgt Ion:178 Resp: 803319
Ion Ratio Lower Upper
178 100
176 19.6 15.9 23.9
179 15.5 12.6 18.8

Manual Integrations
APPROVED

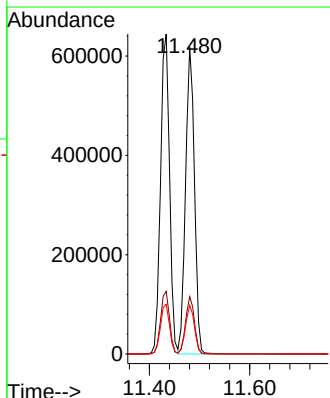
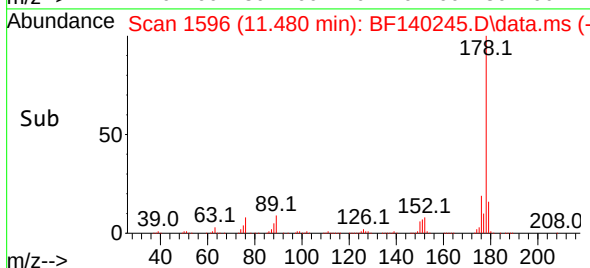
Reviewed By :Yogesh Patel 11/06/2024
Supervised By :mohammad ahmed 11/06/2024

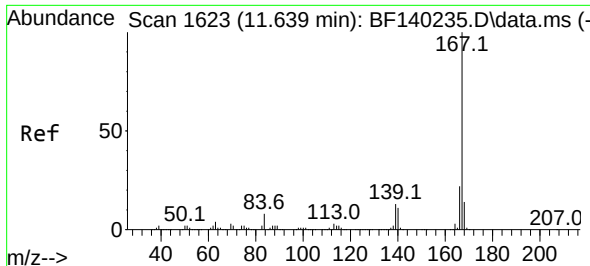


#72
Anthracene
Concen: 10.313 ng
RT: 11.480 min Scan# 1596
Delta R.T. -0.006 min
Lab File: BF140245.D
Acq: 05 Nov 2024 18:49



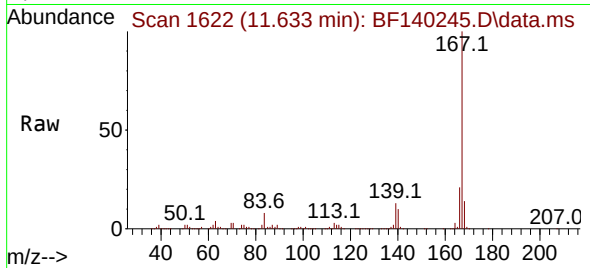
Tgt Ion:178 Resp: 764709
Ion Ratio Lower Upper
178 100
176 18.7 15.4 23.0
179 15.8 12.7 19.1





#73
 Carbazole
 Concen: 9.964 ng
 RT: 11.633 min Scan# 1622
 Delta R.T. -0.006 min
 Lab File: BF140245.D
 Acq: 05 Nov 2024 18:49

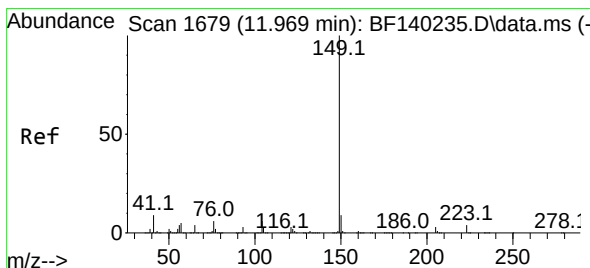
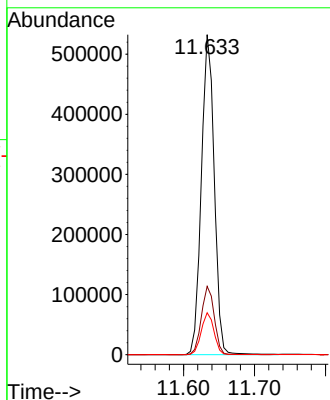
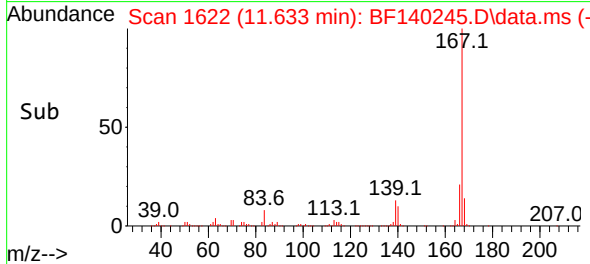
Instrument : BNA_F
 ClientSampleId :
 LOQ-WATER-02-QT4-2024



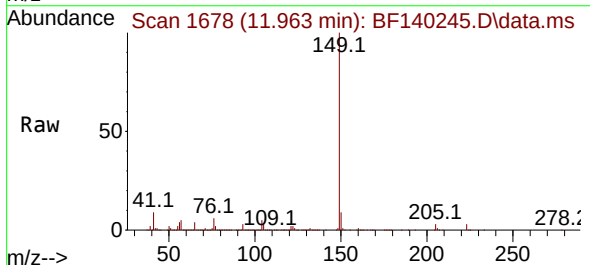
Tgt Ion:167 Resp: 675100
 Ion Ratio Lower Upper
 167 100
 166 21.3 17.3 25.9
 139 13.1 10.7 16.1

Manual Integrations
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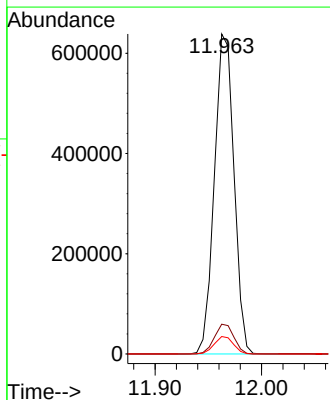
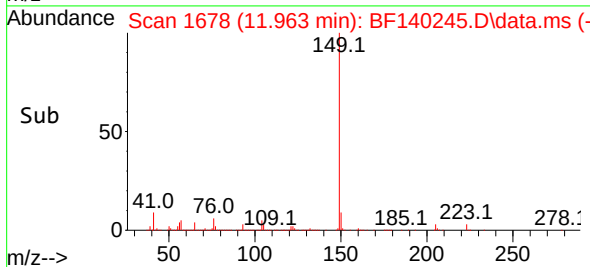
Reviewed By :Yogesh Patel 11/06/2024
 Supervised By :mohammad ahmed 11/06/2024

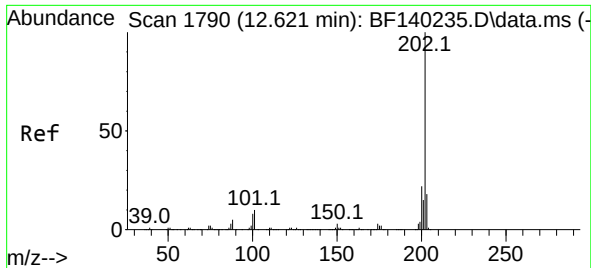


#74
 Di-n-butylphthalate
 Concen: 10.143 ng
 RT: 11.963 min Scan# 1678
 Delta R.T. -0.006 min
 Lab File: BF140245.D
 Acq: 05 Nov 2024 18:49



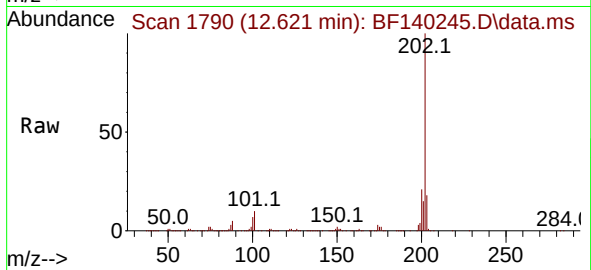
Tgt Ion:149 Resp: 813520
 Ion Ratio Lower Upper
 149 100
 150 9.3 7.4 11.2
 104 5.5 4.5 6.7





#75
Fluoranthene
Concen: 10.396 ng
RT: 12.621 min Scan# 11
Delta R.T. -0.000 min
Lab File: BF140245.D
Acq: 05 Nov 2024 18:49

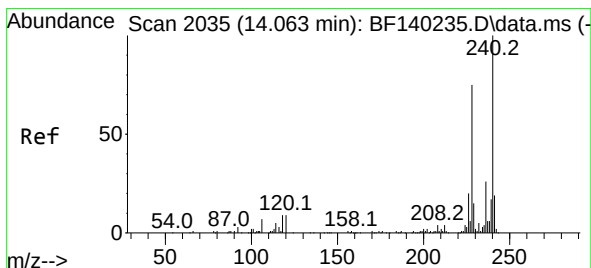
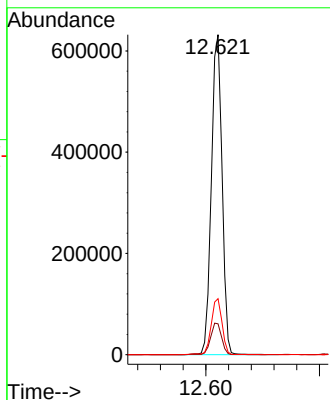
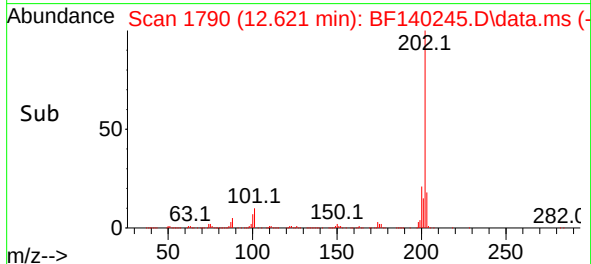
Instrument :
BNA_F
ClientSampleId :
LOQ-WATER-02-QT4-2024



Tgt Ion:202 Resp: 82204
Ion Ratio Lower Upper
202 100
101 9.7 0.0 30.4
203 17.5 0.0 38.0

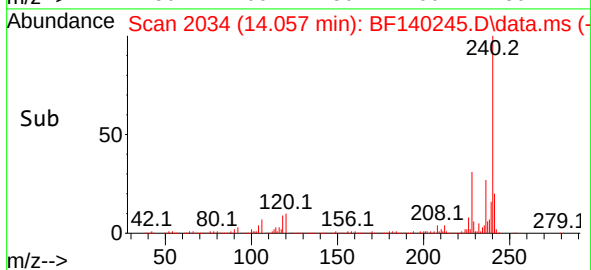
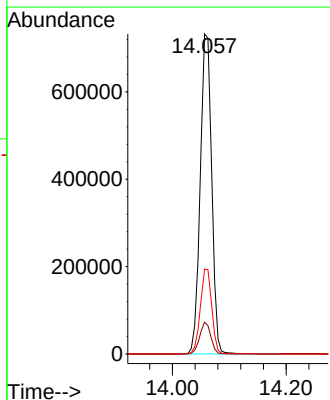
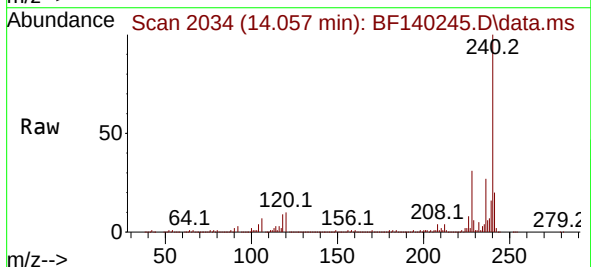
Manual Integrations
APPROVED

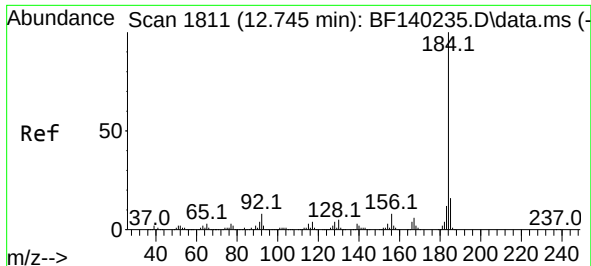
Reviewed By :Yogesh Patel 11/06/2024
Supervised By :mohammad ahmed 11/06/2024



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.057 min Scan# 2034
Delta R.T. -0.006 min
Lab File: BF140245.D
Acq: 05 Nov 2024 18:49

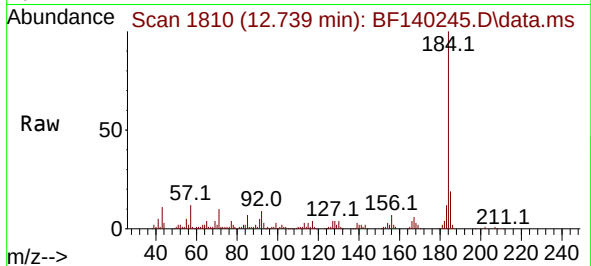
Tgt Ion:240 Resp: 1026936
Ion Ratio Lower Upper
240 100
120 9.9 7.5 11.3
236 26.5 20.9 31.3





#77
Benzidine
Concen: 4.687 ng
RT: 12.739 min Scan# 1810
Delta R.T. -0.006 min
Lab File: BF140245.D
Acq: 05 Nov 2024 18:49

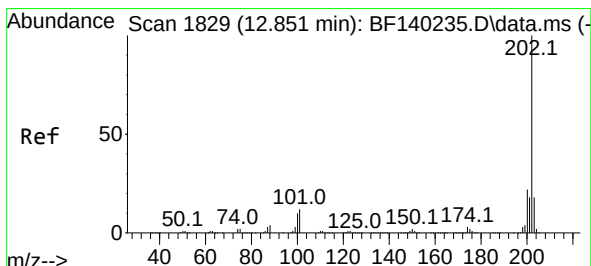
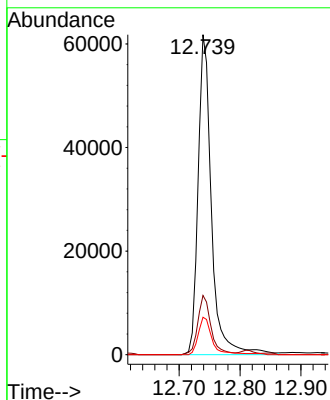
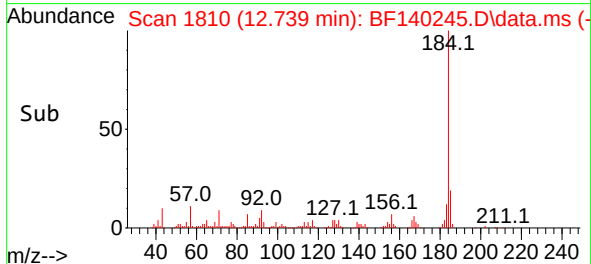
Instrument : BNA_F
ClientSampleId :
LOQ-WATER-02-QT4-2024



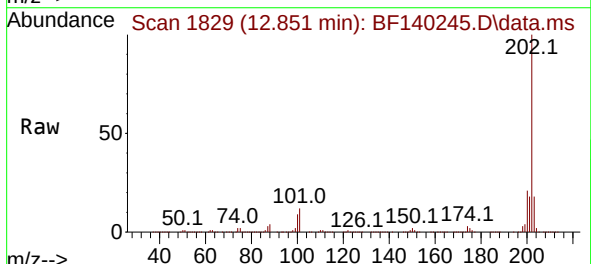
Tgt Ion:184 Resp: 94098
Ion Ratio Lower Upper
184 100
185 18.5 12.5 18.7
183 11.7 9.3 13.9

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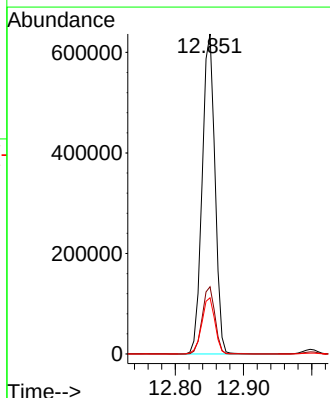
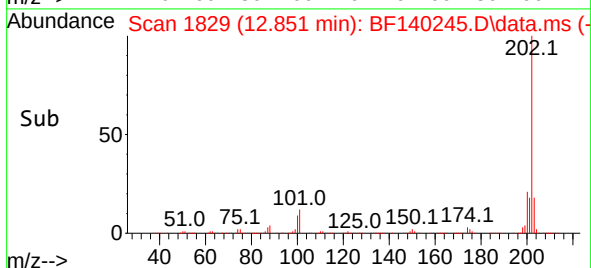
Reviewed By :Yogesh Patel 11/06/2024
Supervised By :mohammad ahmed 11/06/2024

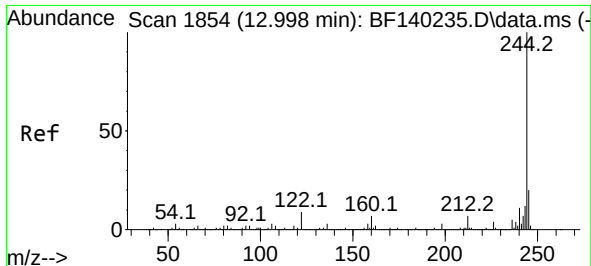


#78
Pyrene
Concen: 9.766 ng
RT: 12.851 min Scan# 1829
Delta R.T. -0.000 min
Lab File: BF140245.D
Acq: 05 Nov 2024 18:49



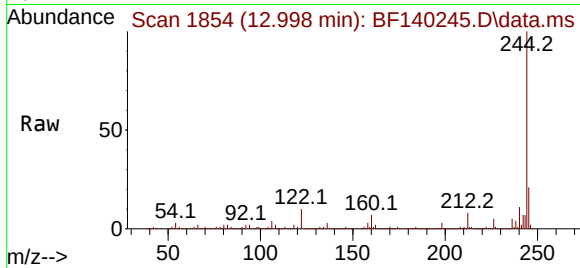
Tgt Ion:202 Resp: 828059
Ion Ratio Lower Upper
202 100
200 21.0 17.5 26.3
203 17.5 14.4 21.6





#79
 Terphenyl-d14
 Concen: 57.629 ng
 RT: 12.998 min Scan# 1854
 Delta R.T. -0.000 min
 Lab File: BF140245.D
 Acq: 05 Nov 2024 18:49

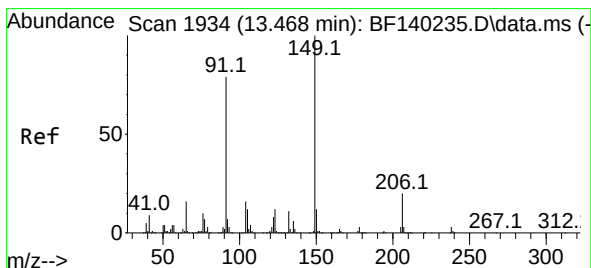
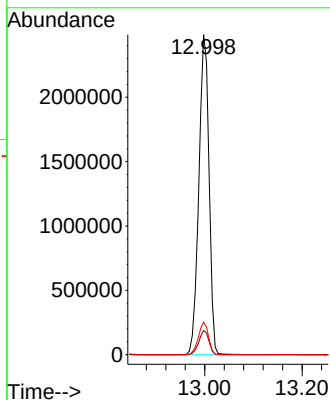
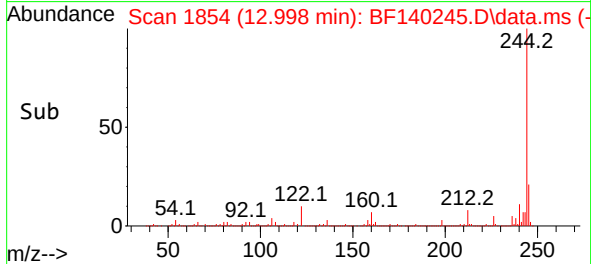
Instrument : BNA_F
 ClientSampleId :
 LOQ-WATER-02-QT4-2024



Tgt Ion:244 Resp: 3612730
 Ion Ratio Lower Upper
 244 100
 212 7.6 6.0 9.0
 122 10.2 7.6 11.4

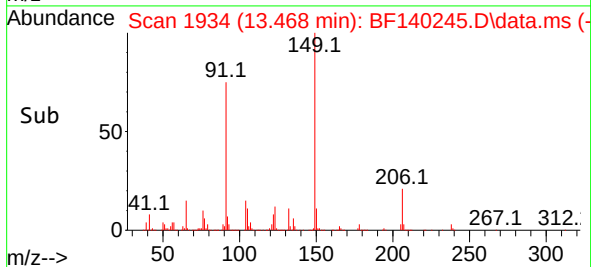
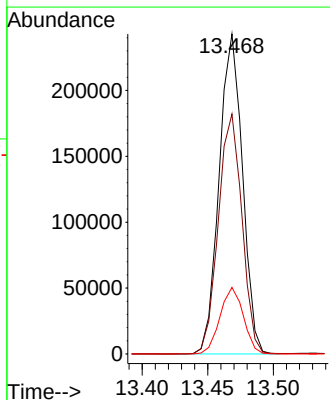
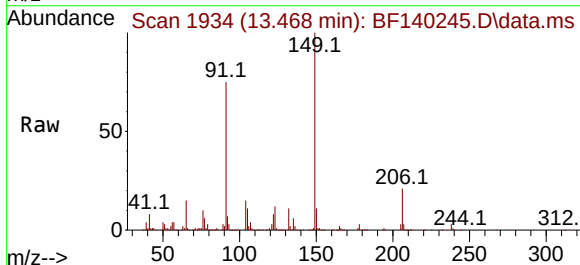
Manual Integrations
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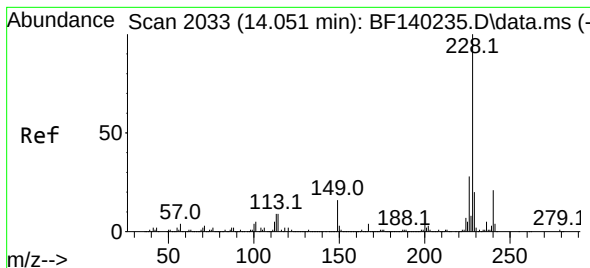
Reviewed By :Yogesh Patel 11/06/2024
 Supervised By :mohammad ahmed 11/06/2024



#80
 Butylbenzylphthalate
 Concen: 9.837 ng
 RT: 13.468 min Scan# 1934
 Delta R.T. -0.000 min
 Lab File: BF140245.D
 Acq: 05 Nov 2024 18:49

Tgt Ion:149 Resp: 300353
 Ion Ratio Lower Upper
 149 100
 91 75.0 63.0 94.4
 206 20.8 16.4 24.6





#81

Benzo(a)anthracene

Concen: 10.152 ng

RT: 14.045 min Scan# 2032

Delta R.T. -0.006 min

Lab File: BF140245.D

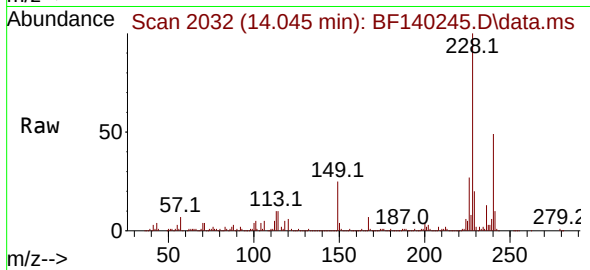
Acq: 05 Nov 2024 18:49

Instrument :

BNA_F

ClientSampleId :

LOQ-WATER-02-QT4-2024



Tgt Ion:228 Resp: 66905

Ion Ratio Lower Upper

228 100

226 27.4 22.3 33.5

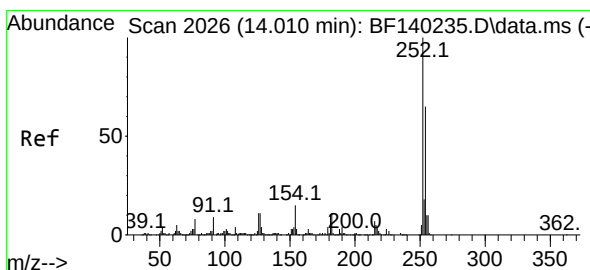
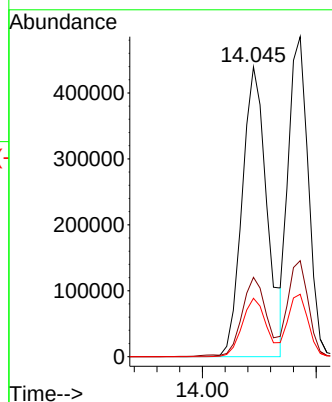
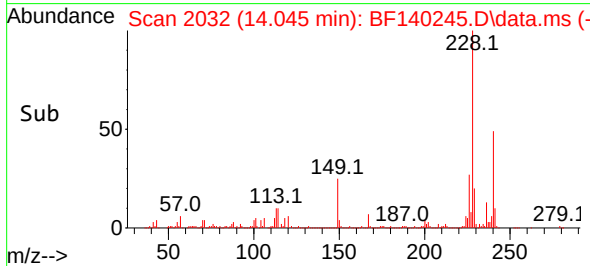
229 20.1 16.1 24.1

Manual Integrations

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Reviewed By :Yogesh Patel 11/06/2024

Supervised By :mohammad ahmed 11/06/2024



#82

3,3'-Dichlorobenzidine

Concen: 9.344 ng

RT: 14.010 min Scan# 2026

Delta R.T. -0.000 min

Lab File: BF140245.D

Acq: 05 Nov 2024 18:49

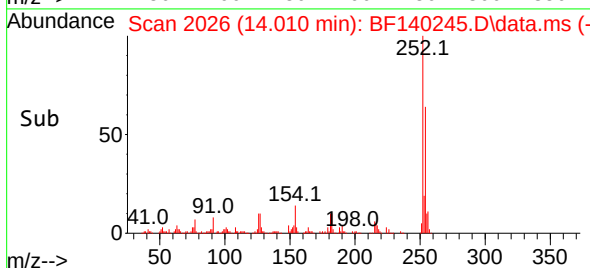
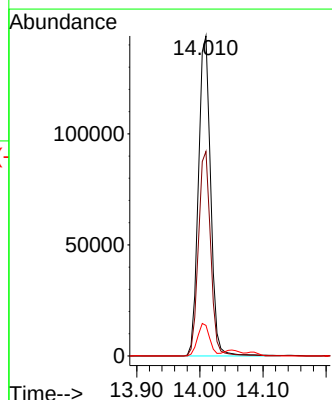
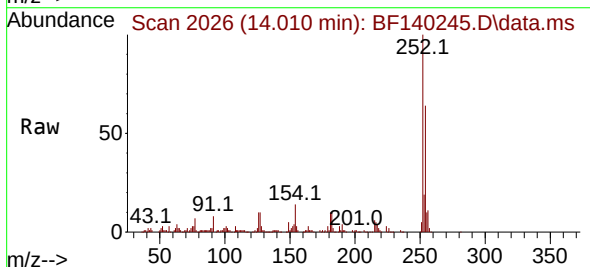
Tgt Ion:252 Resp: 193377

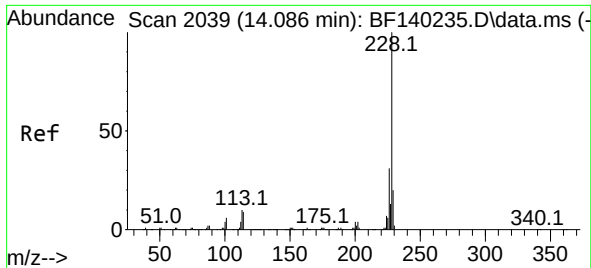
Ion Ratio Lower Upper

252 100

254 63.9 51.8 77.8

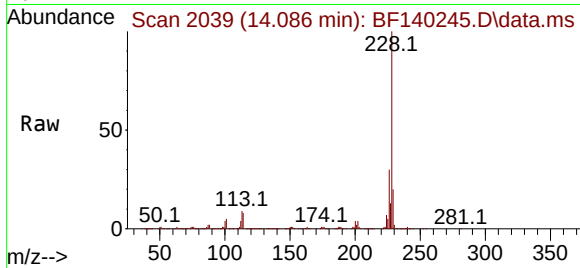
126 9.6 8.6 12.8





#83
Chrysene
Concen: 9.505 ng
RT: 14.086 min Scan# 2039
Delta R.T. -0.000 min
Lab File: BF140245.D
Acq: 05 Nov 2024 18:49

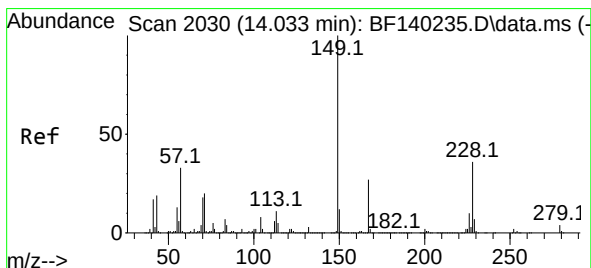
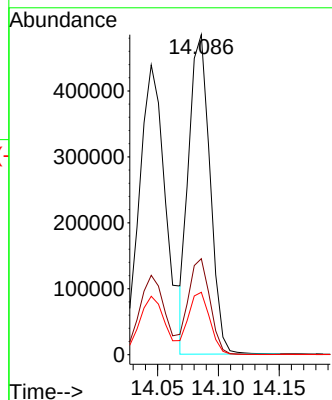
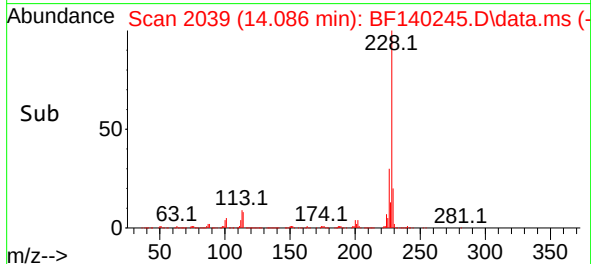
Instrument : BNA_F
ClientSampleId :
LOQ-WATER-02-QT4-2024



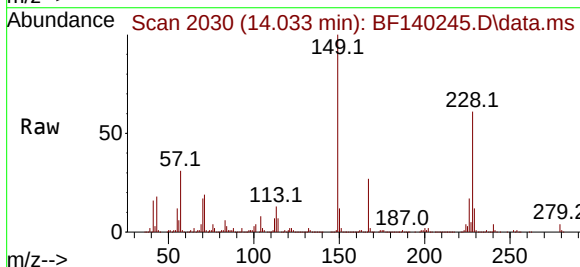
Tgt Ion:228 Resp: 58659
Ion Ratio Lower Upper
228 100
226 30.0 24.6 36.8
229 19.5 16.1 24.1

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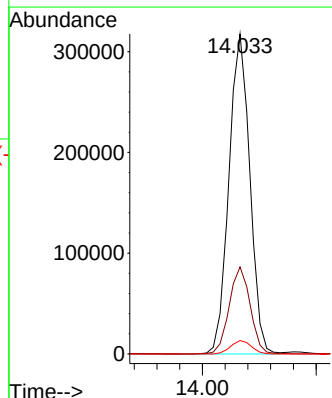
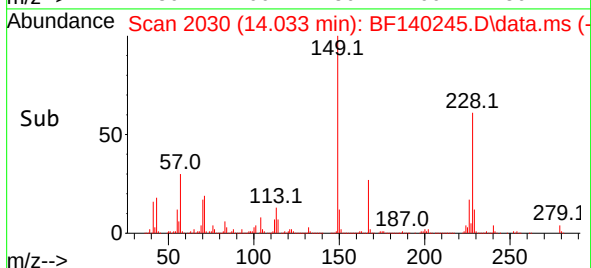
Reviewed By :Yogesh Patel 11/06/2024
Supervised By :mohammad ahmed 11/06/2024

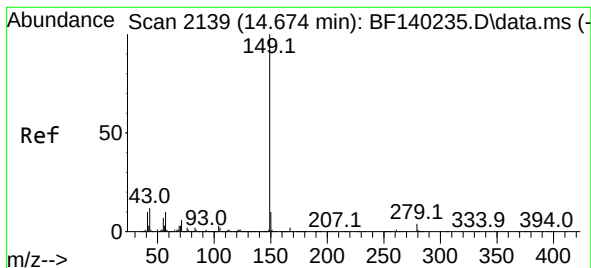


#84
Bis(2-ethylhexyl)phthalate
Concen: 9.486 ng
RT: 14.033 min Scan# 2030
Delta R.T. -0.000 min
Lab File: BF140245.D
Acq: 05 Nov 2024 18:49



Tgt Ion:149 Resp: 405936
Ion Ratio Lower Upper
149 100
167 27.2 21.8 32.8
279 4.2 3.2 4.8





#85

Di-n-octyl phthalate

Concen: 9.532 ng

RT: 14.668 min Scan# 2138

Delta R.T. -0.006 min

Lab File: BF140245.D

Acq: 05 Nov 2024 18:49

Instrument :

BNA_F

ClientSampleId :

LOQ-WATER-02-QT4-2024

Tgt Ion:149 Resp: 61391

Ion Ratio Lower Upper

149 100

167 1.7 1.3 1.9

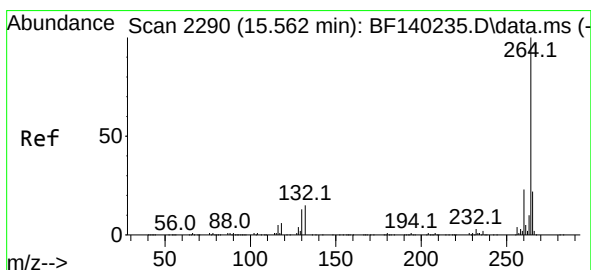
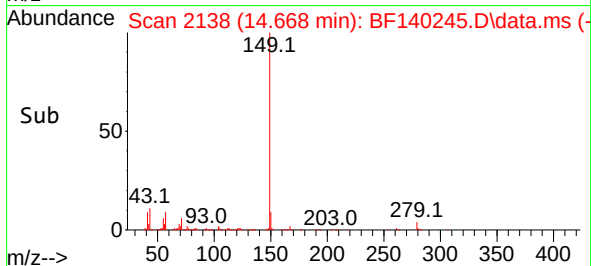
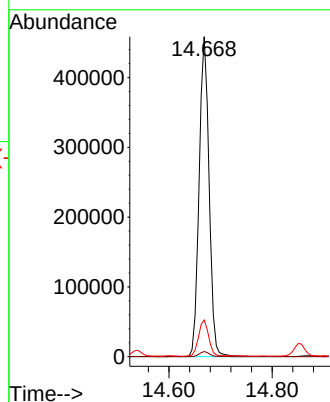
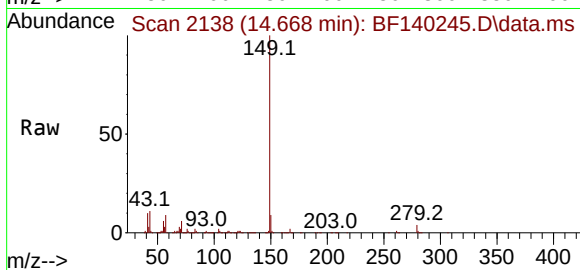
43 11.6 9.7 14.5

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 11/06/2024

Supervised By :mohammad ahmed 11/06/2024



#86

Perylene-d12

Concen: 20.000 ng

RT: 15.562 min Scan# 2290

Delta R.T. -0.000 min

Lab File: BF140245.D

Acq: 05 Nov 2024 18:49

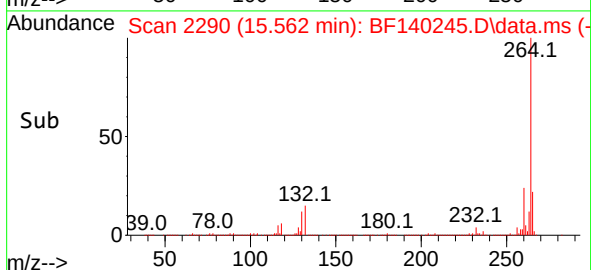
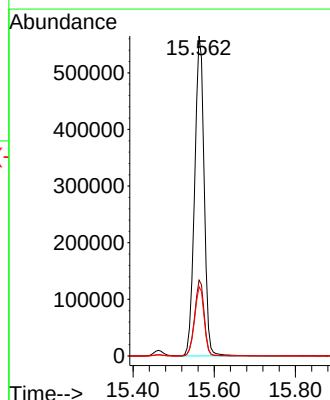
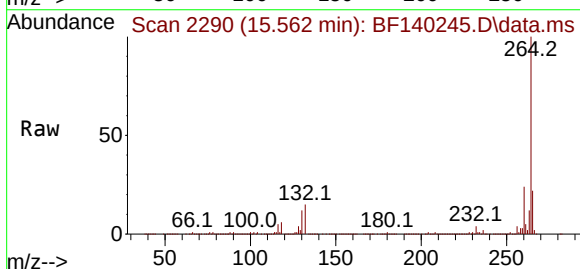
Tgt Ion:264 Resp: 921729

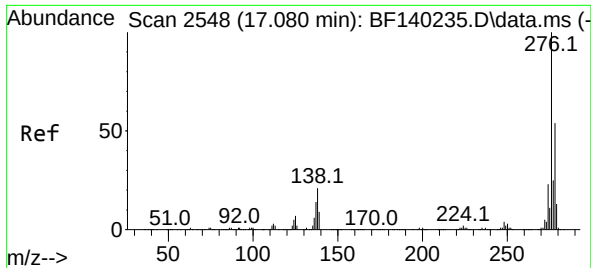
Ion Ratio Lower Upper

264 100

260 23.7 18.8 28.2

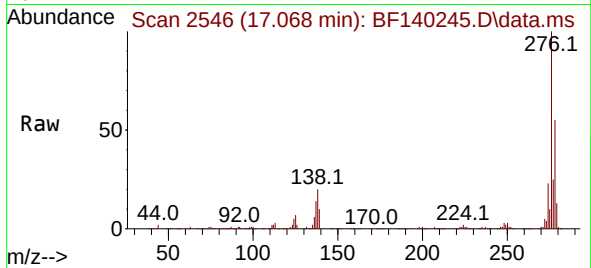
265 21.7 17.3 25.9





#87
Indeno(1,2,3-cd)pyrene
Concen: 10.063 ng
RT: 17.068 min Scan# 2154
Delta R.T. -0.012 min
Lab File: BF140245.D
Acq: 05 Nov 2024 18:49

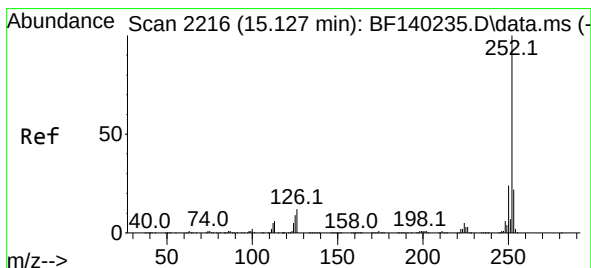
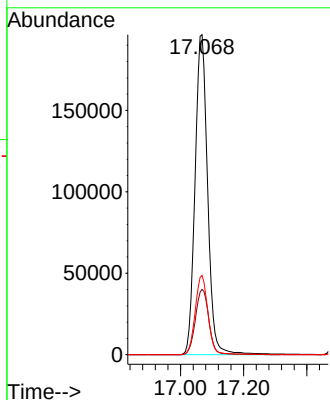
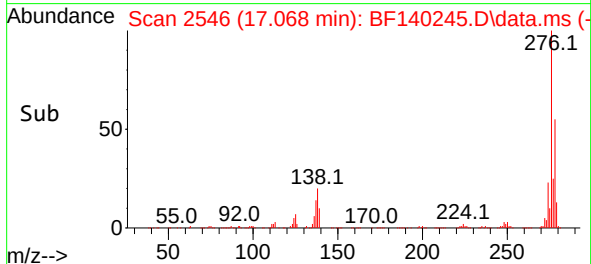
Instrument :
BNA_F
ClientSampleId :
LOQ-WATER-02-QT4-2024



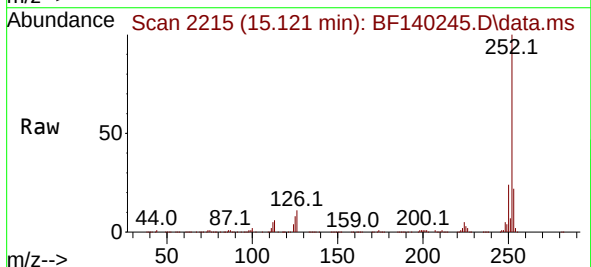
Tgt Ion:276 Resp: 54446
Ion Ratio Lower Upper
276 100
138 21.8 17.6 26.4
277 24.9 20.2 30.2

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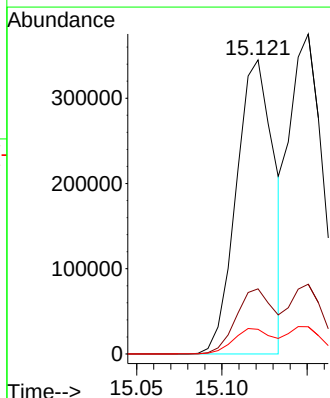
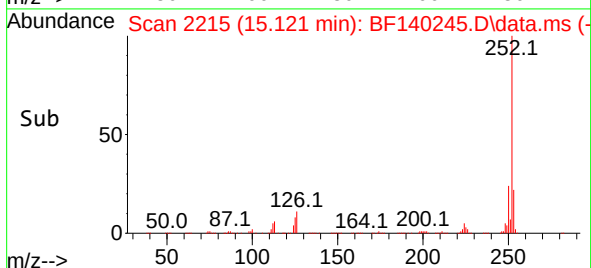
Reviewed By :Yogesh Patel 11/06/2024
Supervised By :mohammad ahmed 11/06/2024

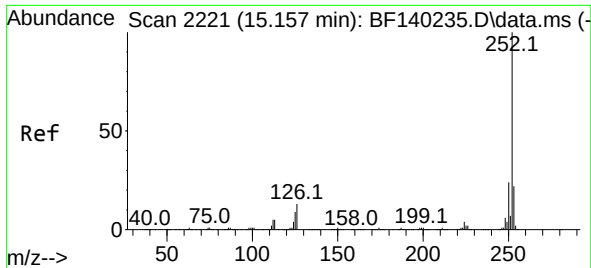


#88
Benzo(b)fluoranthene
Concen: 9.532 ng
RT: 15.121 min Scan# 2215
Delta R.T. -0.006 min
Lab File: BF140245.D
Acq: 05 Nov 2024 18:49



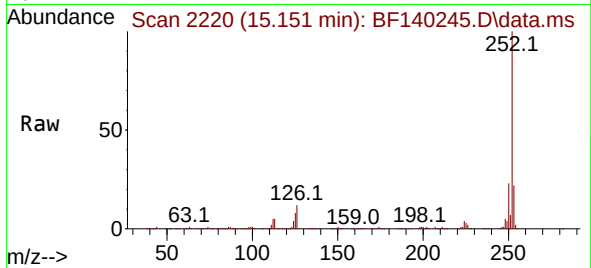
Tgt Ion:252 Resp: 531458
Ion Ratio Lower Upper
252 100
253 22.2 17.9 26.9
125 8.4 7.0 10.6





#89
Benzo(k)fluoranthene
Concen: 10.228 ng
RT: 15.151 min Scan# 211
Delta R.T. -0.006 min
Lab File: BF140245.D
Acq: 05 Nov 2024 18:49

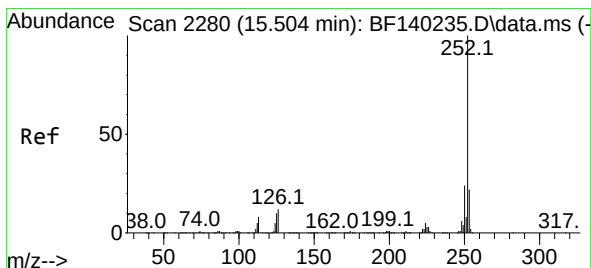
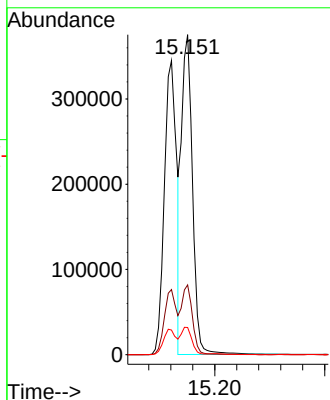
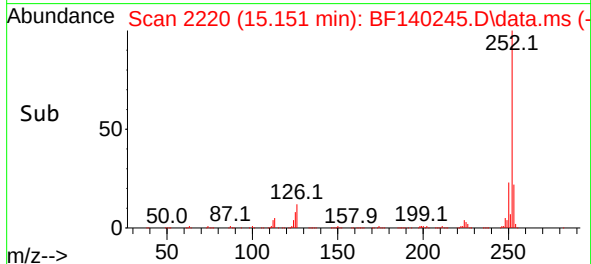
Instrument :
BNA_F
ClientSampleId :
LOQ-WATER-02-QT4-2024



Tgt Ion:252 Resp: 52324
Ion Ratio Lower Upper
252 100
253 21.8 17.8 26.8
125 8.5 7.2 10.8

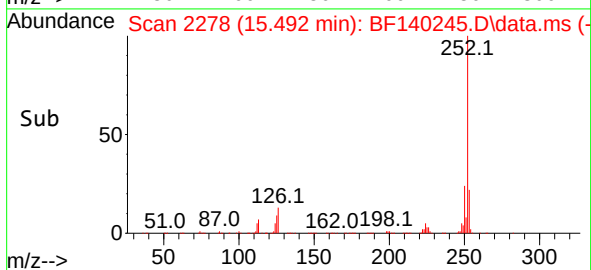
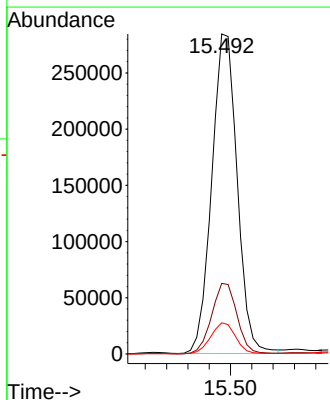
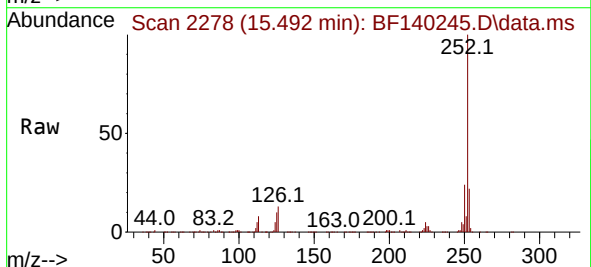
Manual Integrations
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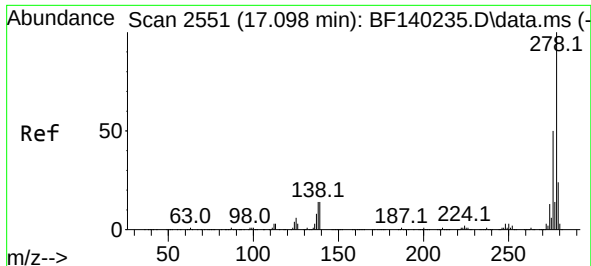
Reviewed By :Yogesh Patel 11/06/2024
Supervised By :mohammad ahmed 11/06/2024



#90
Benzo(a)pyrene
Concen: 10.251 ng
RT: 15.492 min Scan# 2278
Delta R.T. -0.012 min
Lab File: BF140245.D
Acq: 05 Nov 2024 18:49

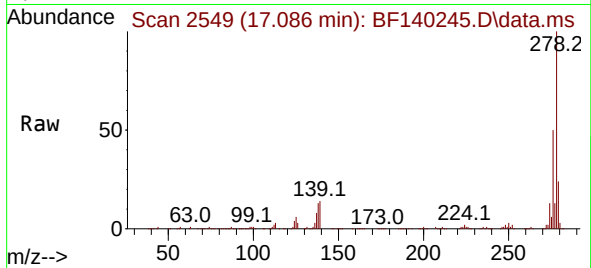
Tgt Ion:252 Resp: 471208
Ion Ratio Lower Upper
252 100
253 22.0 17.4 26.0
125 9.8 7.6 11.4





#91
Dibenzo(a,h)anthracene
Concen: 9.865 ng
RT: 17.086 min Scan# 2549
Delta R.T. -0.012 min
Lab File: BF140245.D
Acq: 05 Nov 2024 18:49

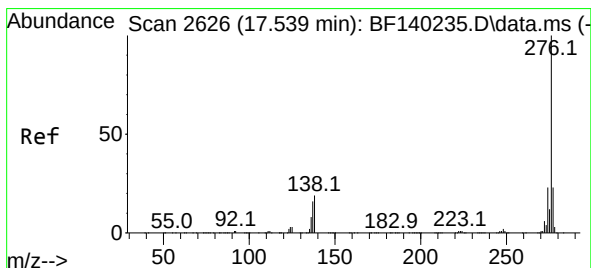
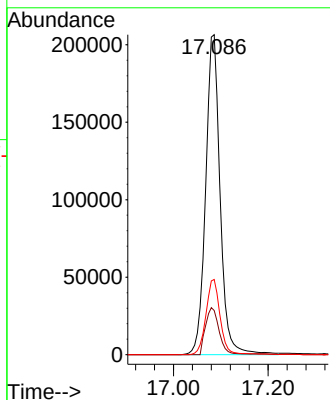
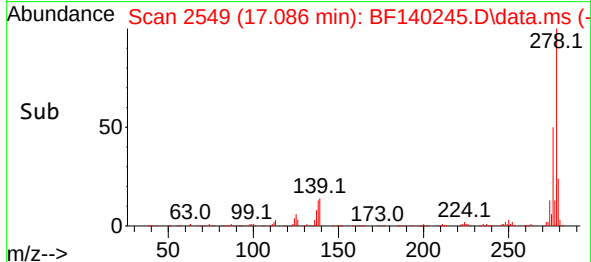
Instrument : BNA_F
ClientSampleId :
LOQ-WATER-02-QT4-2024



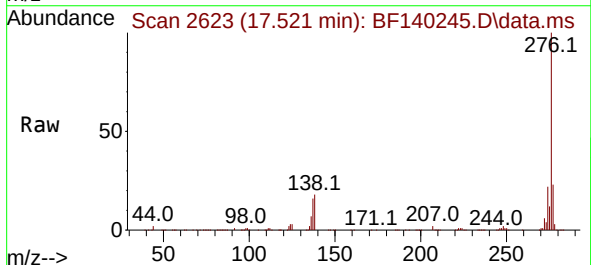
Tgt Ion: 278 Resp: 439125
Ion Ratio Lower Upper
278 100
139 13.8 11.1 16.7
279 23.5 19.1 28.7

Manual Integrations
APPROVED

Reviewed By : Yogesh Patel 11/06/2024
Supervised By : mohammad ahmed 11/06/2024



#92
Benzo(g,h,i)perylene
Concen: 9.134 ng
RT: 17.521 min Scan# 2623
Delta R.T. -0.018 min
Lab File: BF140245.D
Acq: 05 Nov 2024 18:49



Tgt Ion: 276 Resp: 414781
Ion Ratio Lower Upper
276 100
277 23.2 18.8 28.2
138 18.2 15.3 22.9

