

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF122123\
 Data File : BF136669.D
 Acq On : 21 Dec 2023 14:18
 Operator : CG\JU
 Sample : 05602-05MSD
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SPRING-VALLEY-TP-3MSD

Quant Time: Dec 21 15:00:01 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF122023.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Dec 21 01:54:25 2023
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By :Yogesh Patel 12/22/2023
 Supervised By :mohammad ahmed 12/22/2023

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.781	152	72656	20.000	ng	-0.01
21) Naphthalene-d8	8.063	136	255830	20.000	ng	# 0.00
39) Acenaphthene-d10	9.816	164	103081	20.000	ng	-0.01
64) Phenanthrene-d10	11.304	188	177016	20.000	ng	-0.01
76) Chrysene-d12	13.963	240	145976	20.000	ng	0.00
86) Perylene-d12	15.439	264	122263	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.428	112	450360	96.715	ng	0.00
7) Phenol-d6	6.434	99	552575	91.580	ng	0.00
23) Nitrobenzene-d5	7.345	82	341224	68.252	ng	-0.01
42) 2,4,6-Tribromophenol	10.610	330	106874	88.034	ng	-0.01
45) 2-Fluorobiphenyl	9.139	172	580862	75.790	ng	-0.01
79) Terphenyl-d14	12.904	244	548074	52.469	ng	-0.01
Target Compounds						
						Qvalue
2) 1,4-Dioxane	2.575	88	74360	38.326	ng	99
3) Pyridine	3.334	79	179992	38.022	ng	98
4) n-Nitrosodimethylamine	3.305	42	116094	45.923	ng	98
6) Aniline	6.457	93	143699	23.820	ng	# 84
8) 2-Chlorophenol	6.575	128	227714	44.686	ng	95
9) Benzaldehyde	6.334	77	87165	25.398	ng	99
10) Phenol	6.445	94	277554	43.091	ng	92
11) bis(2-Chloroethyl)ether	6.522	93	279681	57.096	ng	97
12) 1,3-Dichlorobenzene	6.722	146	233748	42.048	ng	99
13) 1,4-Dichlorobenzene	6.798	146	239964	42.247	ng	99
14) 1,2-Dichlorobenzene	6.951	146	221639	41.934	ng	99
15) Benzyl Alcohol	6.934	79	181184	44.510	ng	97
16) 2,2'-oxybis(1-Chloropr...	7.063	45	351909	43.942	ng	99
17) 2-Methylphenol	7.045	107	185357	43.907	ng	99
18) Hexachloroethane	7.287	117	84407	40.918	ng	100
19) n-Nitroso-di-n-propyla...	7.198	70	155368	42.477	ng	98
20) 3+4-Methylphenols	7.198	107	218957	41.516	ng	# 82
22) Acetophenone	7.192	105	311204	48.532	ng	# 94
24) Nitrobenzene	7.369	77	230743	46.073	ng	93
25) Isophorone	7.604	82	411783	45.265	ng	99
26) 2-Nitrophenol	7.681	139	114530	47.798	ng	96
27) 2,4-Dimethylphenol	7.722	122	164319	56.328	ng	98
28) bis(2-Chloroethoxy)met...	7.816	93	257434	46.555	ng	99
29) 2,4-Dichlorophenol	7.928	162	166248	44.267	ng	96
30) 1,2,4-Trichlorobenzene	8.004	180	183127	43.764	ng	98
31) Naphthalene	8.081	128	610608	43.445	ng	100
32) Benzoic acid	7.857	122	127593	45.205	ng	97
33) 4-Chloroaniline	8.145	127	144697	27.884	ng	95
34) Hexachlorobutadiene	8.198	225	111074	43.690	ng	97
35) Caprolactam	8.504	113	54740m	44.183	ng	
36) 4-Chloro-3-methylphenol	8.622	107	167989	39.733	ng	98
37) 2-Methylnaphthalene	8.775	142	361771	39.996	ng	99
38) 1-Methylnaphthalene	8.875	142	347267	39.133	ng	99
40) 1,2,4,5-Tetrachloroben...	8.939	216	171876	53.840	ng	98
41) Hexachlorocyclopentadiene	8.922	237	43362	44.891	ng	98
43) 2,4,6-Trichlorophenol	9.057	196	105949	51.750	ng	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.098	196	109059	47.802	ng	95
46) 1,1'-Biphenyl	9.239	154	455578	52.668	ng	99
47) 2-Chloronaphthalene	9.263	162	323651	49.218	ng	99
48) 2-Nitroaniline	9.363	65	103081	50.058	ng	99
49) Acenaphthylene	9.681	152	500076	49.753	ng	100
50) Dimethylphthalate	9.545	163	376206	49.966	ng	99
51) 2,6-Dinitrotoluene	9.610	165	78013	45.654	ng	94
52) Acenaphthene	9.851	154	283002	45.422	ng	99
53) 3-Nitroaniline	9.775	138	67355	37.210	ng	97
54) 2,4-Dinitrophenol	9.886	184	72493	76.708	ng	# 84
55) Dibenzofuran	10.022	168	429155	45.439	ng	100
56) 4-Nitrophenol	9.951	139	106728	87.342	ng	97
57) 2,4-Dinitrotoluene	10.010	165	93442	42.123	ng	99
58) Fluorene	10.369	166	322708	43.062	ng	98
59) 2,3,4,6-Tetrachlorophenol	10.145	232	79901	45.496	ng	99
60) Diethylphthalate	10.245	149	362689	46.427	ng	99
61) 4-Chlorophenyl-phenyle...	10.363	204	158170	43.423	ng	94
62) 4-Nitroaniline	10.392	138	65627m	37.608	ng	
63) Azobenzene	10.522	77	311458	42.686	ng	99
65) 4,6-Dinitro-2-methylph...	10.422	198	43736	43.112	ng	94
66) n-Nitrosodiphenylamine	10.481	169	285678	49.681	ng	99
67) 4-Bromophenyl-phenylether	10.851	248	90599	46.085	ng	98
68) Hexachlorobenzene	10.916	284	97885	44.680	ng	99
69) Atrazine	11.016	200	89535	60.877	ng	97
70) Pentachlorophenol	11.116	266	101105	99.010	ng	99
71) Phenanthrene	11.333	178	433203	47.695	ng	99
72) Anthracene	11.386	178	449998	48.921	ng	99
73) Carbazole	11.545	167	410132	47.291	ng	100
74) Di-n-butylphthalate	11.875	149	531267	50.202	ng	99
75) Fluoranthene	12.527	202	491722	50.612	ng	99
77) Benzidine	12.651	184	169030	39.271	ng	99
78) Pyrene	12.757	202	513557	35.838	ng	99
80) Butylbenzylphthalate	13.380	149	231602	44.417	ng	96
81) Benzo(a)anthracene	13.951	228	459405	45.322	ng	99
82) 3,3'-Dichlorobenzidine	13.916	252	155549	54.035	ng	96
83) Chrysene	13.992	228	452147	45.614	ng	99
84) Bis(2-ethylhexyl)phtha...	13.945	149	335929	51.205	ng	99
85) Di-n-octyl phthalate	14.563	149	614793	60.582	ng	99
87) Indeno(1,2,3-cd)pyrene	16.939	276	339234	38.429	ng	99
88) Benzo(b)fluoranthene	15.010	252	396944	48.609	ng	99
89) Benzo(k)fluoranthene	15.039	252	357942	46.389	ng	99
90) Benzo(a)pyrene	15.374	252	312648	45.357	ng	99
91) Dibenzo(a,h)anthracene	16.957	278	288595	39.849	ng	99
92) Benzo(g,h,i)perylene	17.392	276	262997	35.456	ng	98

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

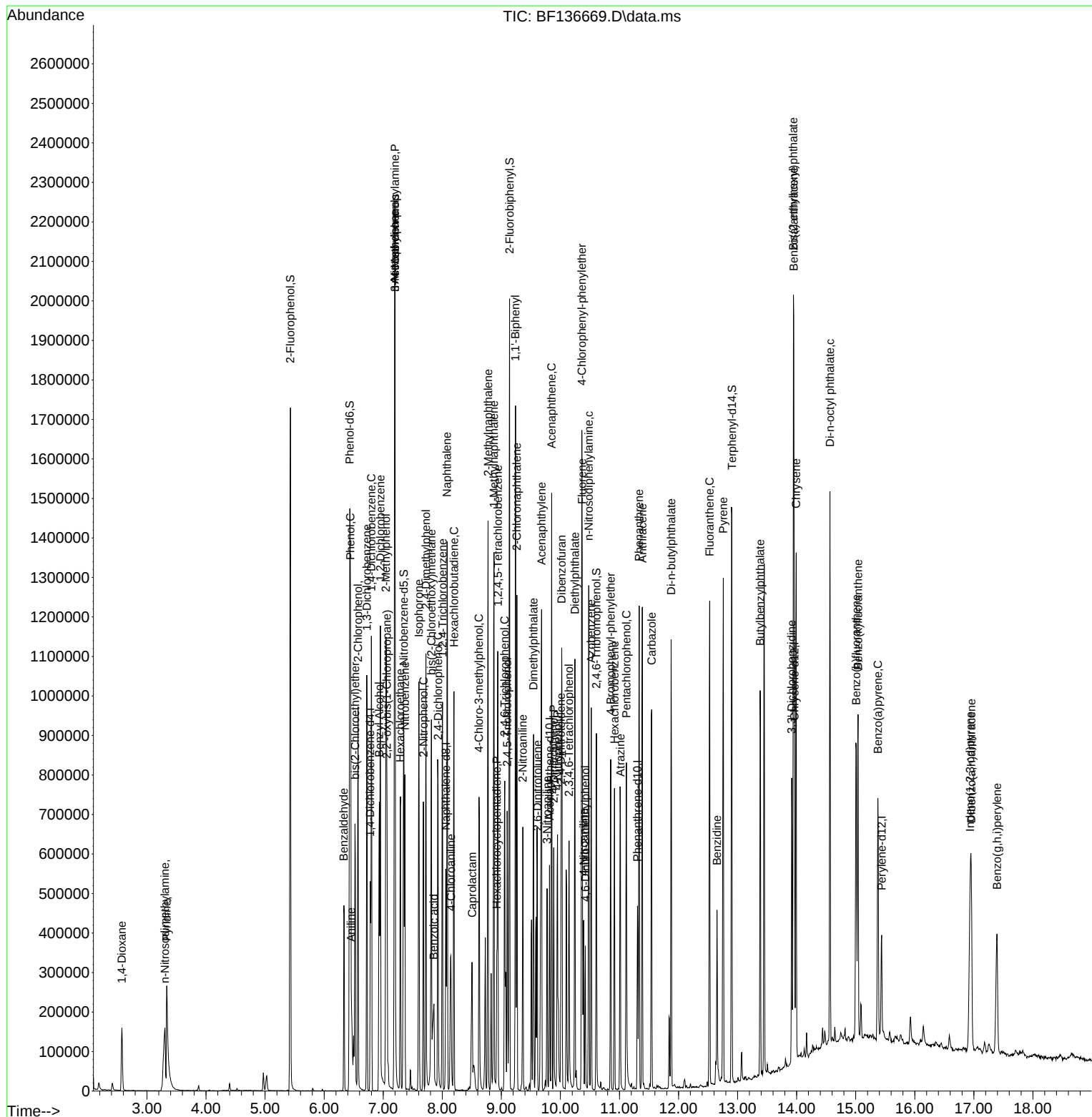
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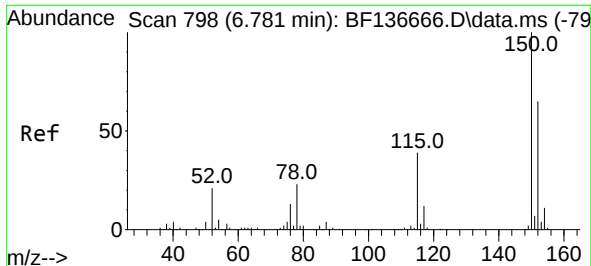
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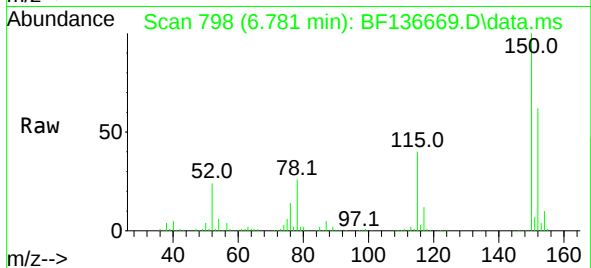
Reviewed By :Yogesh Patel 12/22/2023
 Supervised By :mohammad ahmed 12/22/2023





#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.781 min Scan# 79
Delta R.T. -0.011 min
Lab File: BF136669.D
Acq: 21 Dec 2023 14:18

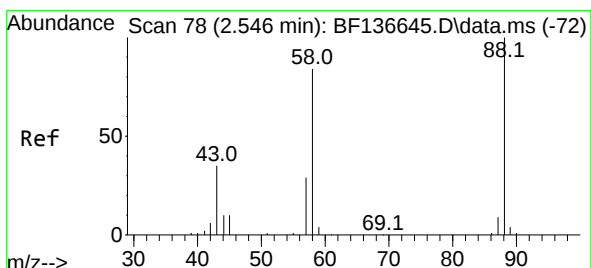
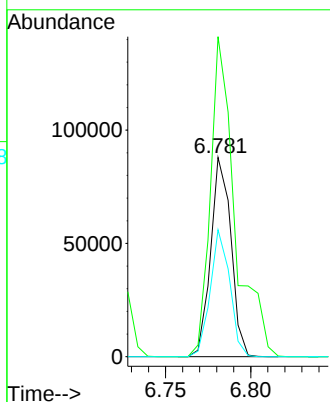
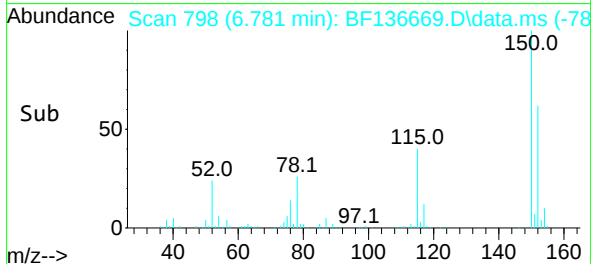
Instrument :
BNA_F
ClientSampleId :
SPRING-VALLEY-TP-3MSD



Tgt Ion:152 Resp: 72650
Ion Ratio Lower Upper
152 100
150 160.7 127.0 190.6
115 63.7 49.0 73.4

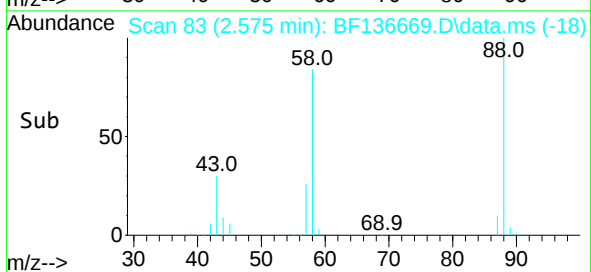
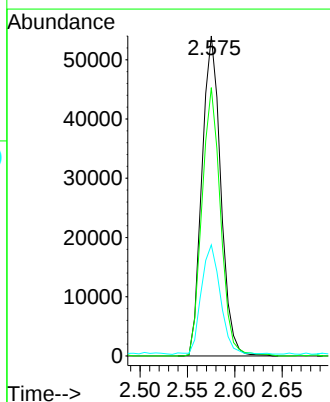
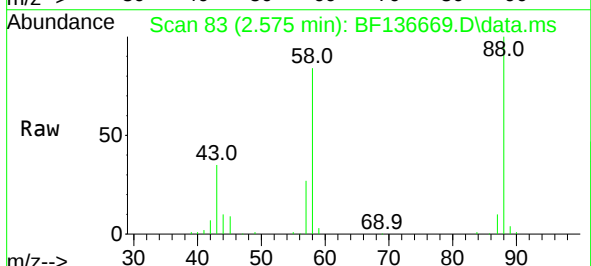
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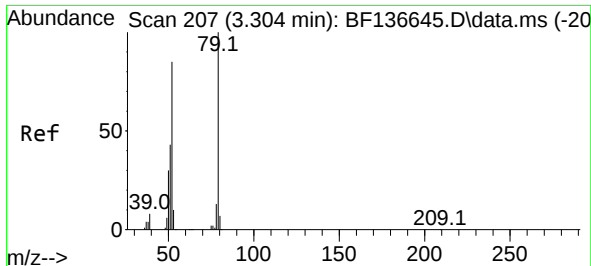
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Supervised By :mohammad ahmed 12/22/2023



#2
1,4-Dioxane
Concen: 38.326 ng
RT: 2.575 min Scan# 83
Delta R.T. 0.030 min
Lab File: BF136669.D
Acq: 21 Dec 2023 14:18

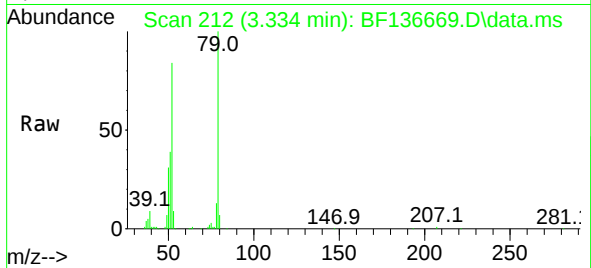
Tgt Ion: 88 Resp: 74360
Ion Ratio Lower Upper
88 100
58 83.0 67.4 101.0
43 35.0 27.7 41.5





#3
Pyridine
Concen: 38.022 ng
RT: 3.334 min Scan# 212
Delta R.T. 0.030 min
Lab File: BF136669.D
Acq: 21 Dec 2023 14:18

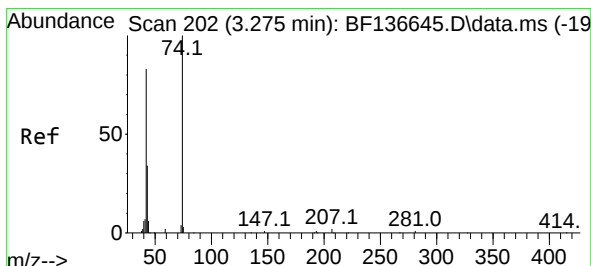
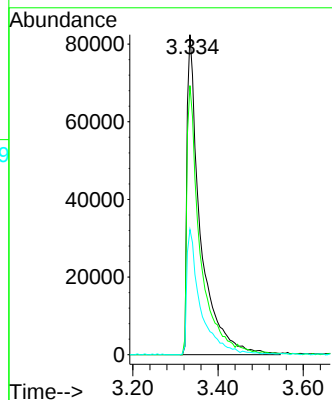
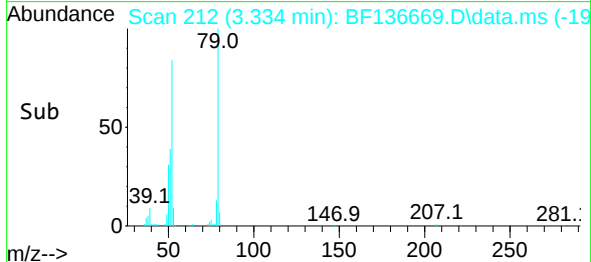
Instrument :
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ClientSampleId :
SPRING-VALLEY-TP-3MSD



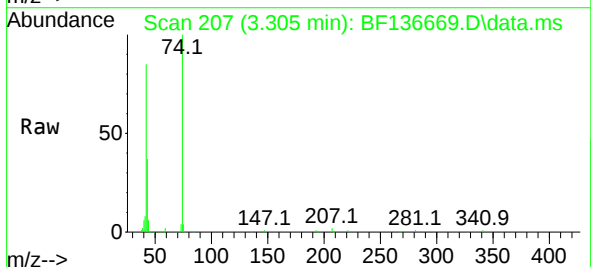
Tgt Ion: 79 Resp: 179992
Ion Ratio Lower Upper
79 100
52 84.1 67.7 101.5
51 39.1 34.0 51.0

Manual Integrations
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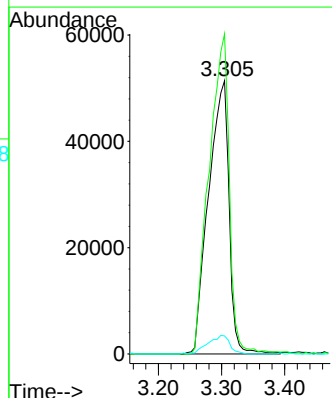
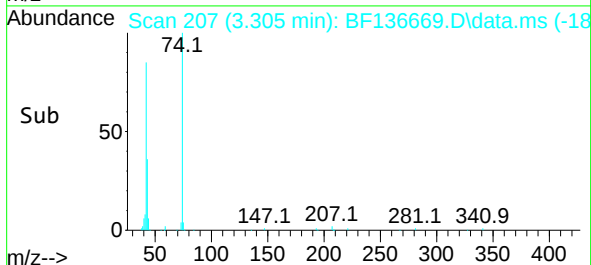
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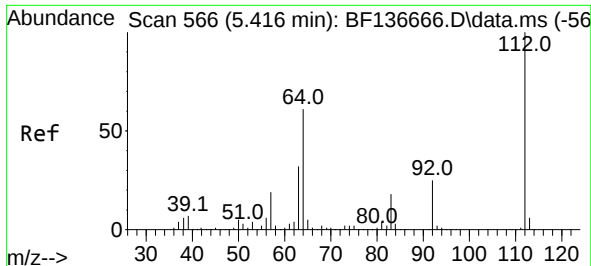


#4
n-Nitrosodimethylamine
Concen: 45.923 ng
RT: 3.305 min Scan# 207
Delta R.T. 0.030 min
Lab File: BF136669.D
Acq: 21 Dec 2023 14:18



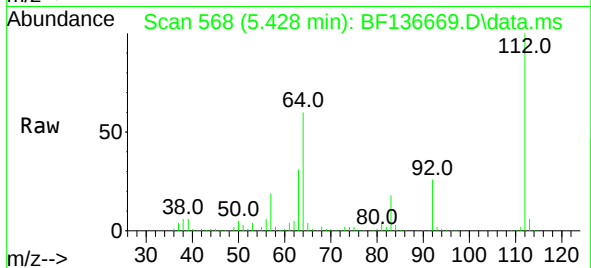
Tgt Ion: 42 Resp: 116094
Ion Ratio Lower Upper
42 100
74 117.1 96.0 144.0
44 6.6 5.4 8.2





#5
2-Fluorophenol
Concen: 96.715 ng
RT: 5.428 min Scan# 501
Delta R.T. 0.000 min
Lab File: BF136669.D
Acq: 21 Dec 2023 14:18

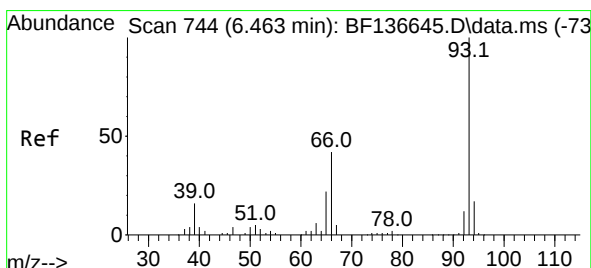
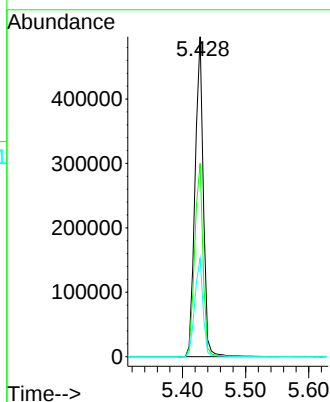
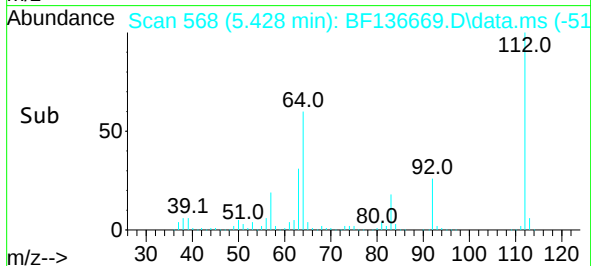
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ClientSampleId :
SPRING-VALLEY-TP-3MSD



Tgt Ion:112 Resp: 450360
Ion Ratio Lower Upper
112 100
64 60.4 51.1 76.7
63 30.9 26.1 39.1

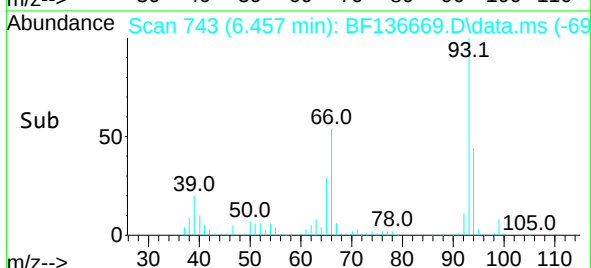
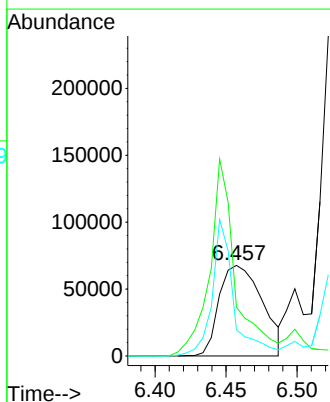
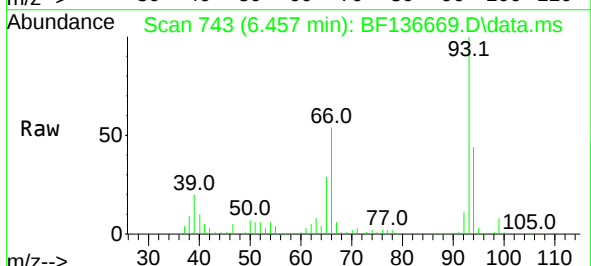
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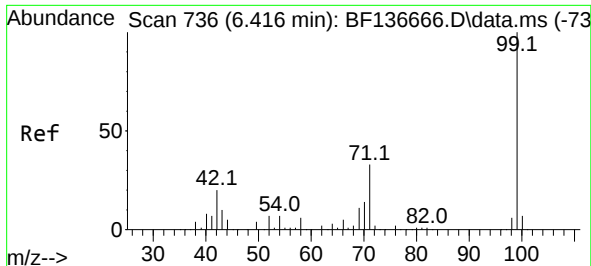
Reviewed By :Yogesh Patel 12/22/2023
Supervised By :mohammad ahmed 12/22/2023



#6
Aniline
Concen: 23.820 ng
RT: 6.457 min Scan# 743
Delta R.T. -0.006 min
Lab File: BF136669.D
Acq: 21 Dec 2023 14:18

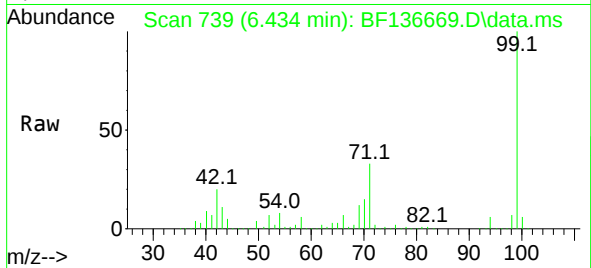
Tgt Ion: 93 Resp: 143699
Ion Ratio Lower Upper
93 100
66 54.1 34.6 51.8#
65 28.9 17.8 26.8#





#7
Phenol-d6
Concen: 91.580 ng
RT: 6.434 min Scan# 713
Delta R.T. -0.006 min
Lab File: BF136669.D
Acq: 21 Dec 2023 14:18

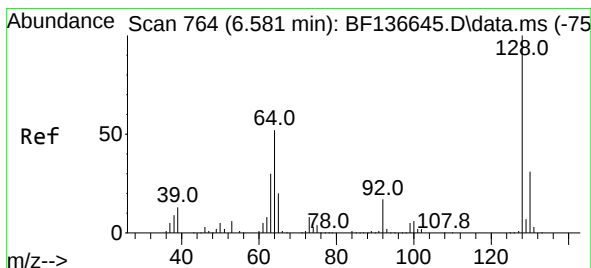
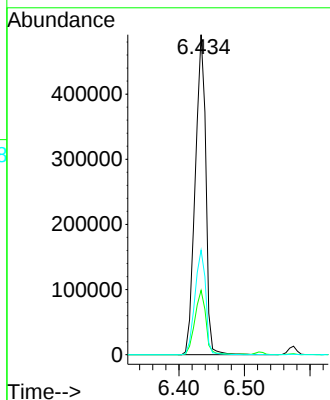
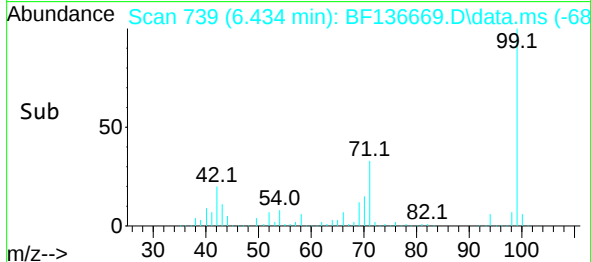
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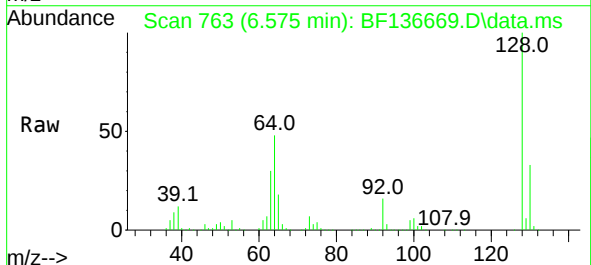
Tgt Ion: 99 Resp: 552579
Ion Ratio Lower Upper
99 100
42 20.1 16.1 24.1
71 32.6 27.4 41.2

Manual Integrations
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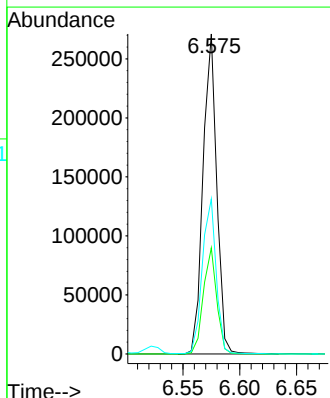
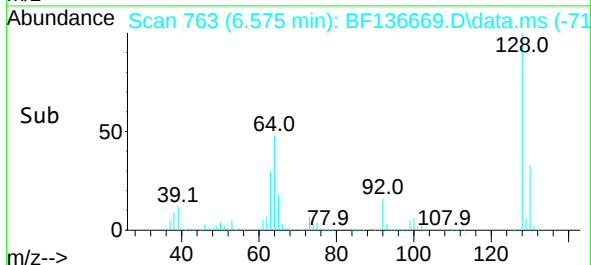
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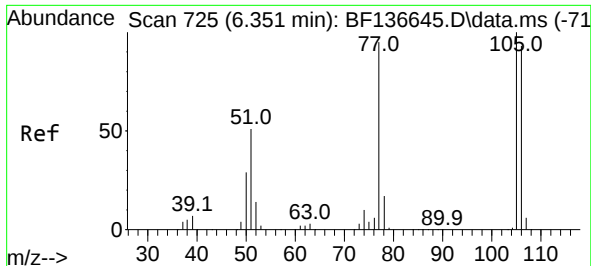


#8
2-Chlorophenol
Concen: 44.686 ng
RT: 6.575 min Scan# 763
Delta R.T. -0.006 min
Lab File: BF136669.D
Acq: 21 Dec 2023 14:18



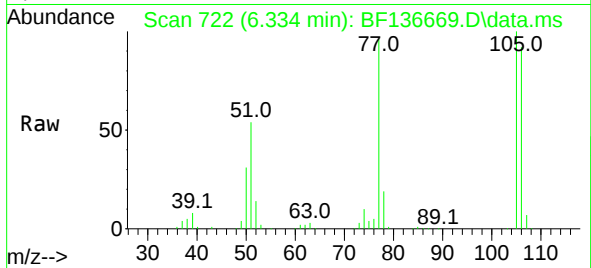
Tgt Ion:128 Resp: 227714
Ion Ratio Lower Upper
128 100
130 33.1 11.3 51.3
64 48.5 32.5 72.5





#9
Benzaldehyde
Concen: 25.398 ng
RT: 6.334 min Scan# 716
Delta R.T. -0.017 min
Lab File: BF136669.D
Acq: 21 Dec 2023 14:18

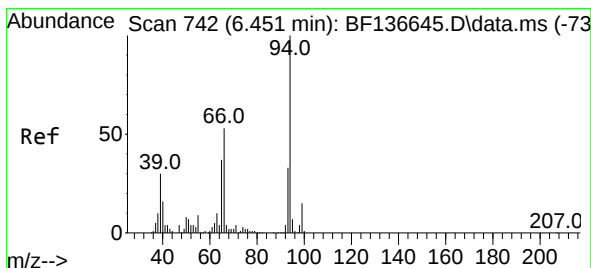
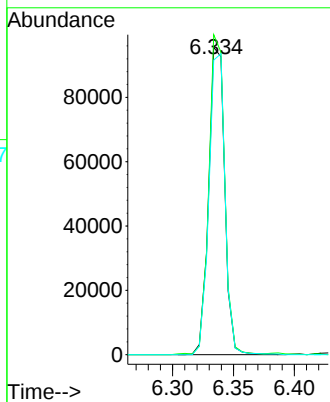
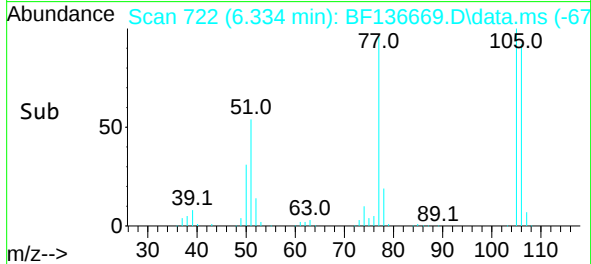
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SPRING-VALLEY-TP-3MSD



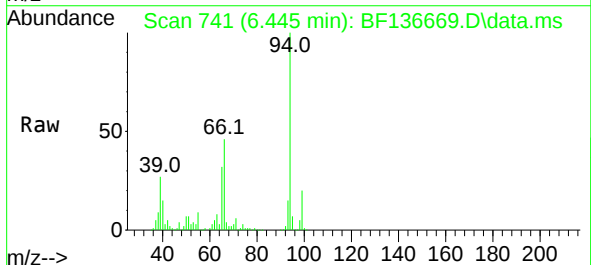
Tgt Ion: 77 Resp: 8716
Ion Ratio Lower Upper
77 100
105 104.1 84.8 124.8
106 95.8 77.8 117.8

Manual Integrations
APPROVED

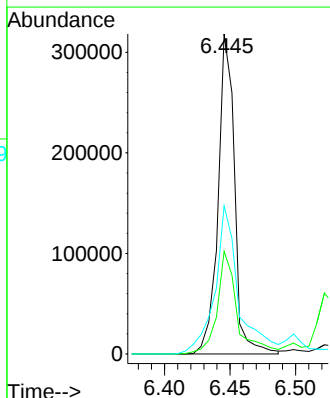
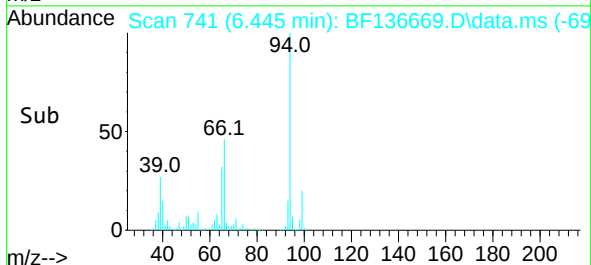
Reviewed By :Yogesh Patel 12/22/2023
Supervised By :mohammad ahmed 12/22/2023

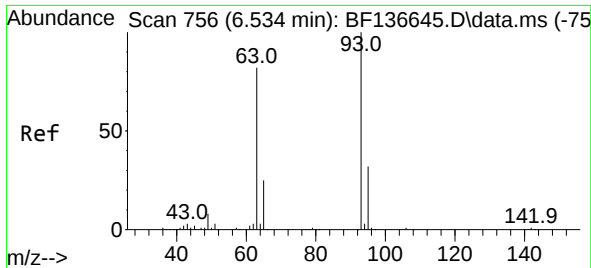


#10
Phenol
Concen: 43.091 ng
RT: 6.445 min Scan# 741
Delta R.T. -0.006 min
Lab File: BF136669.D
Acq: 21 Dec 2023 14:18



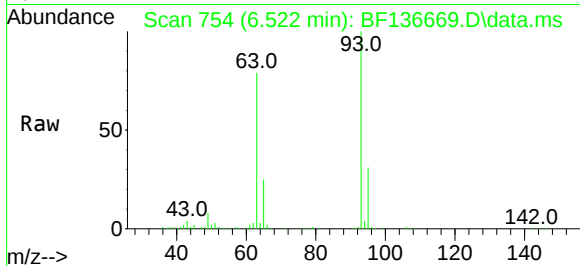
Tgt Ion: 94 Resp: 277554
Ion Ratio Lower Upper
94 100
65 32.1 16.6 56.6
66 46.2 32.6 72.6





#11
bis(2-Chloroethyl)ether
Concen: 57.096 ng
RT: 6.522 min Scan# 711
Delta R.T. -0.012 min
Lab File: BF136669.D
Acq: 21 Dec 2023 14:18

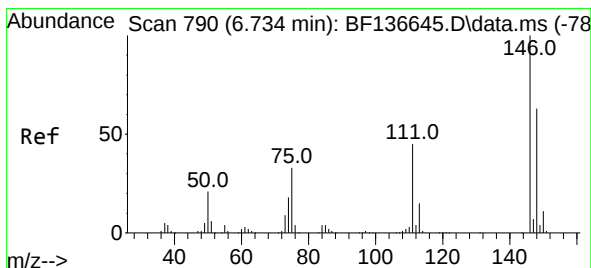
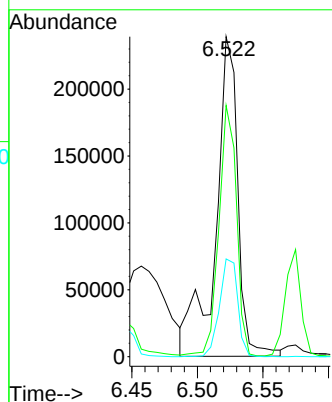
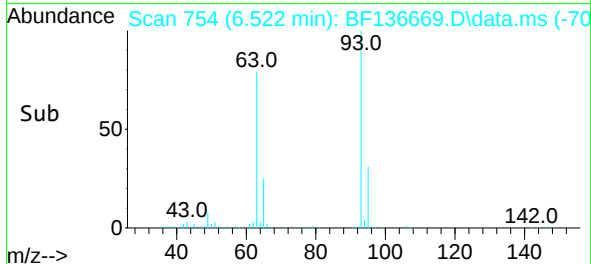
Instrument :
BNA_F
ClientSampleId :
SPRING-VALLEY-TP-3MSD



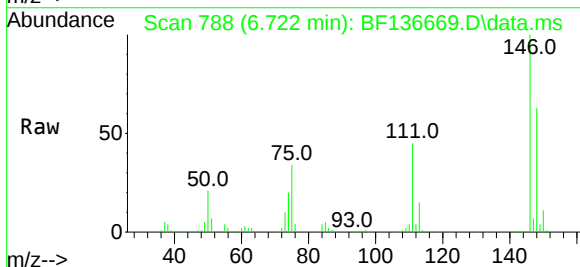
Tgt Ion: 93 Resp: 27968
Ion Ratio Lower Upper
93 100
63 78.5 61.2 101.2
95 30.5 11.6 51.6

Manual Integrations
APPROVED

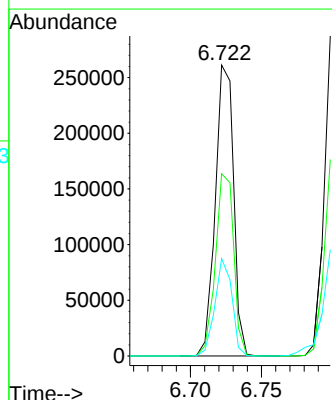
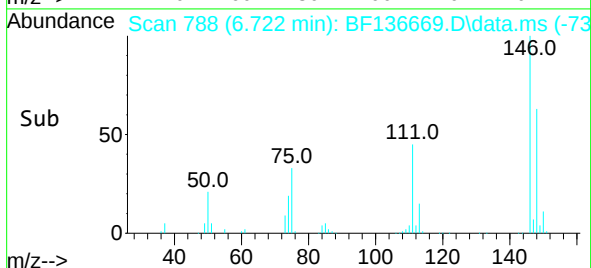
Reviewed By :Yogesh Patel 12/22/2023
Supervised By :mohammad ahmed 12/22/2023

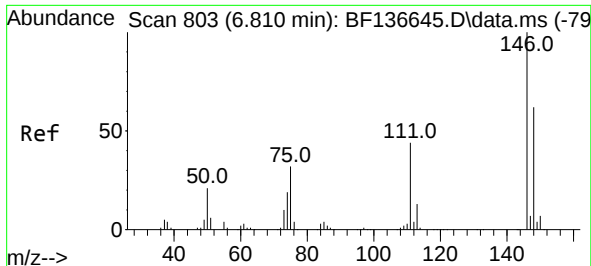


#12
1,3-Dichlorobenzene
Concen: 42.048 ng
RT: 6.722 min Scan# 788
Delta R.T. -0.012 min
Lab File: BF136669.D
Acq: 21 Dec 2023 14:18



Tgt Ion:146 Resp: 233748
Ion Ratio Lower Upper
146 100
148 62.6 50.5 75.7
75 33.5 26.2 39.4





#13

1,4-Dichlorobenzene

Concen: 42.247 ng

RT: 6.798 min Scan# 801

Delta R.T. -0.012 min

Lab File: BF136669.D

Acq: 21 Dec 2023 14:18

Instrument :

BNA_F

ClientSampleId :

SPRING-VALLEY-TP-3MSD

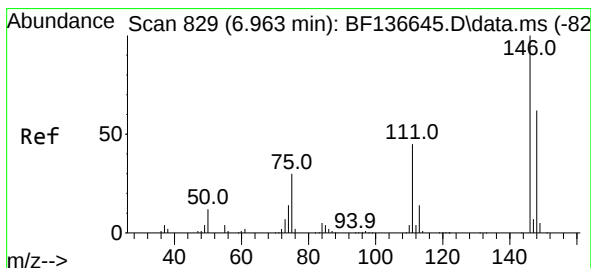
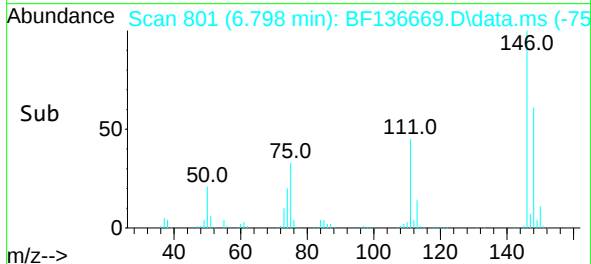
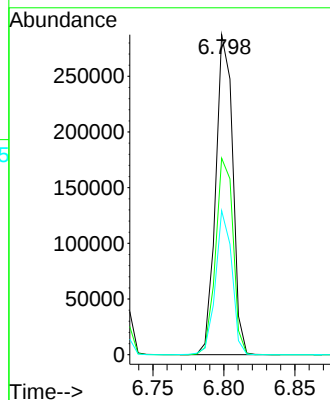
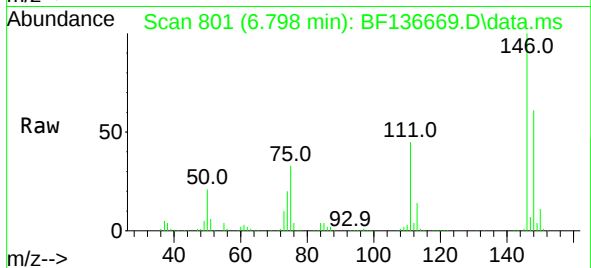
Tgt Ion:146 Resp: 239964
Ion Ratio Lower Upper
146 100
148 61.4 49.2 73.8
111 45.0 35.2 52.8

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 12/22/2023

Supervised By :mohammad ahmed 12/22/2023



#14

1,2-Dichlorobenzene

Concen: 41.934 ng

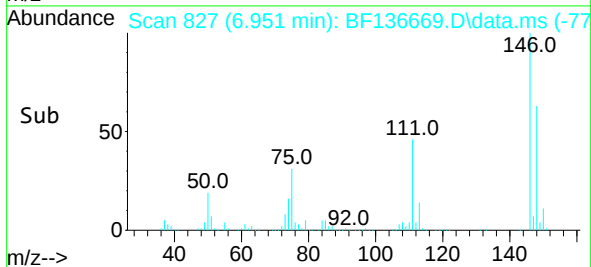
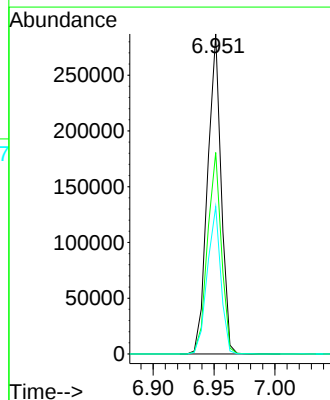
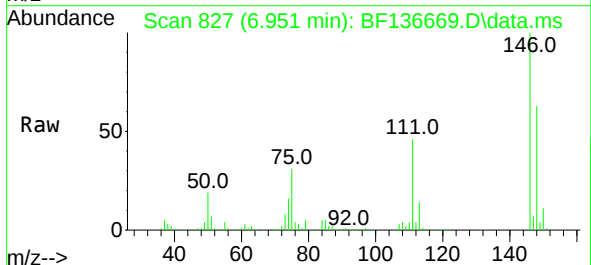
RT: 6.951 min Scan# 827

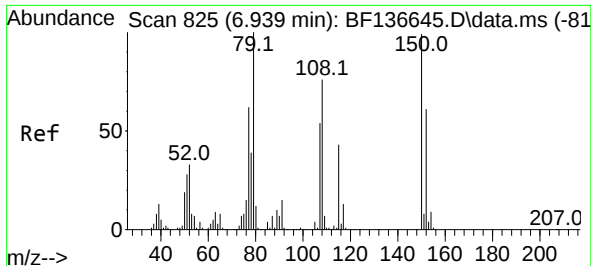
Delta R.T. -0.012 min

Lab File: BF136669.D

Acq: 21 Dec 2023 14:18

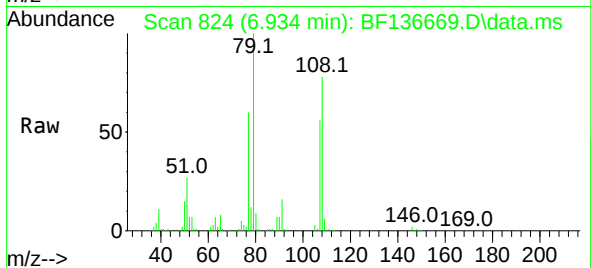
Tgt Ion:146 Resp: 221639
Ion Ratio Lower Upper
146 100
148 63.0 49.6 74.4
111 46.1 36.2 54.2





#15
Benzyl Alcohol
Concen: 44.510 ng
RT: 6.934 min Scan# 81
Delta R.T. -0.006 min
Lab File: BF136669.D
Acq: 21 Dec 2023 14:18

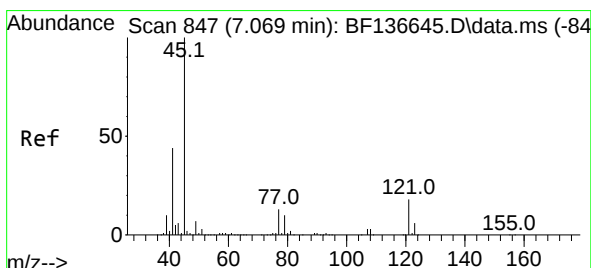
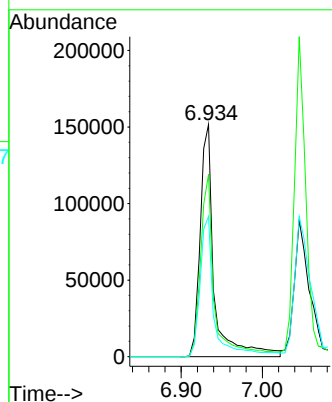
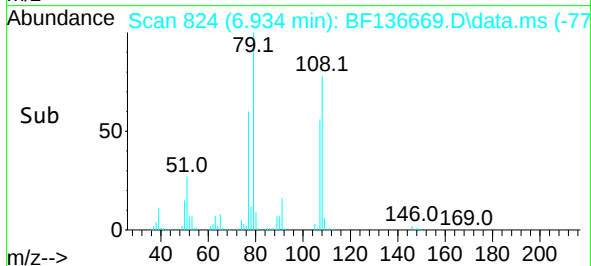
Instrument :
BNA_F
ClientSampleId :
SPRING-VALLEY-TP-3MSD



Tgt Ion: 79 Resp: 181184
Ion Ratio Lower Upper
79 100
108 78.5 61.0 91.6
77 60.4 49.8 74.8

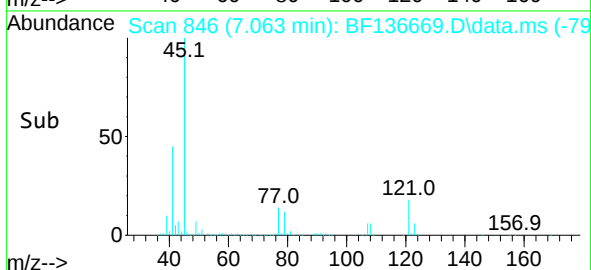
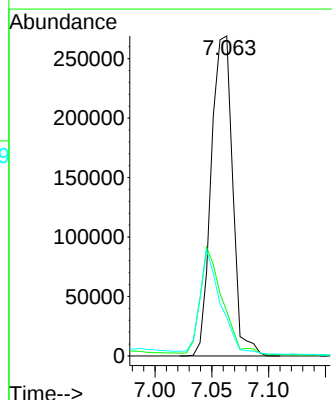
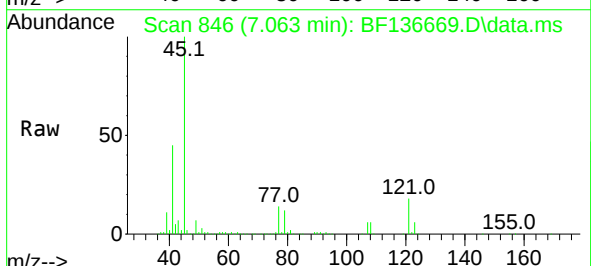
Manual Integrations
APPROVED

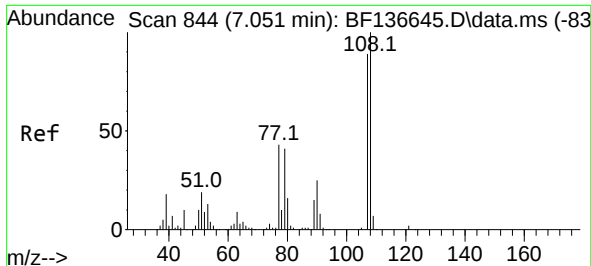
Reviewed By :Yogesh Patel 12/22/2023
Supervised By :mohammad ahmed 12/22/2023



#16
2,2'-oxybis(1-Chloropropane)
Concen: 43.942 ng
RT: 7.063 min Scan# 846
Delta R.T. -0.006 min
Lab File: BF136669.D
Acq: 21 Dec 2023 14:18

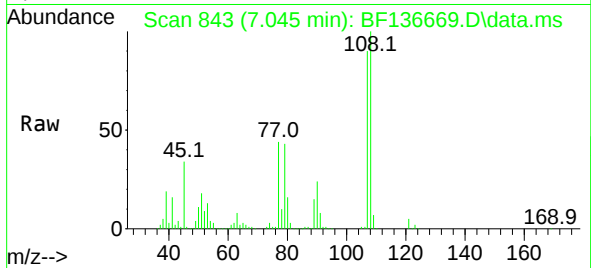
Tgt Ion: 45 Resp: 351909
Ion Ratio Lower Upper
45 100
77 14.0 0.0 34.3
79 12.1 0.0 31.4





#17
2-Methylphenol
Concen: 43.907 ng
RT: 7.045 min Scan# 844
Delta R.T. -0.006 min
Lab File: BF136669.D
Acq: 21 Dec 2023 14:18

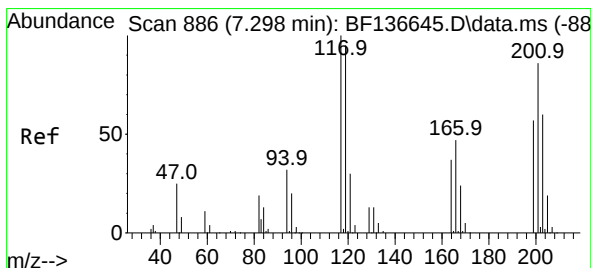
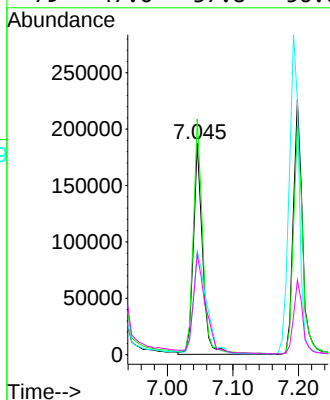
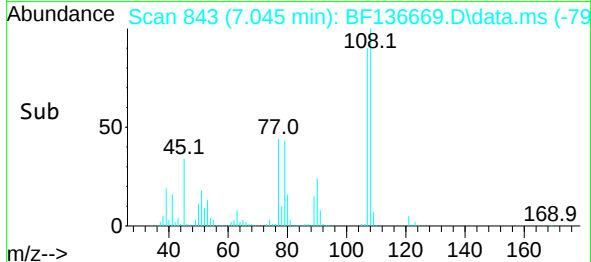
Instrument : BNA_F
ClientSampleId :
SPRING-VALLEY-TP-3MSD



Tgt Ion:107 Resp: 18535
Ion Ratio Lower Upper
107 100
108 111.6 90.3 135.5
77 48.9 38.7 58.1
79 47.6 37.8 56.6

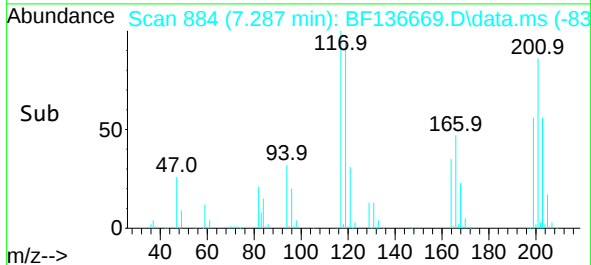
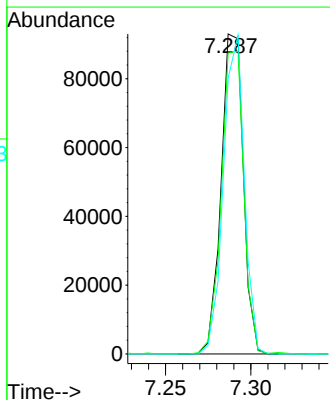
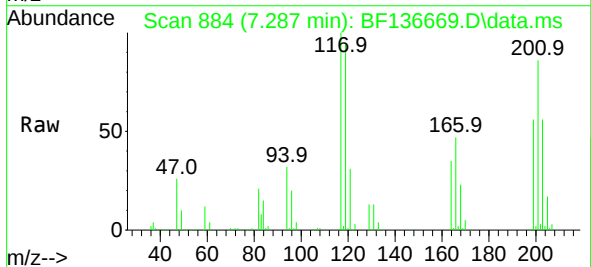
Manual Integrations
APPROVED

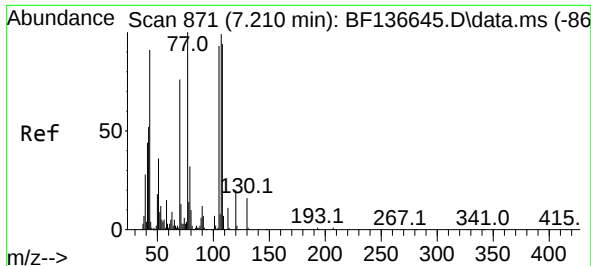
Reviewed By :Yogesh Patel 12/22/2023
Supervised By :mohammad ahmed 12/22/2023



#18
Hexachloroethane
Concen: 40.918 ng
RT: 7.287 min Scan# 884
Delta R.T. -0.012 min
Lab File: BF136669.D
Acq: 21 Dec 2023 14:18

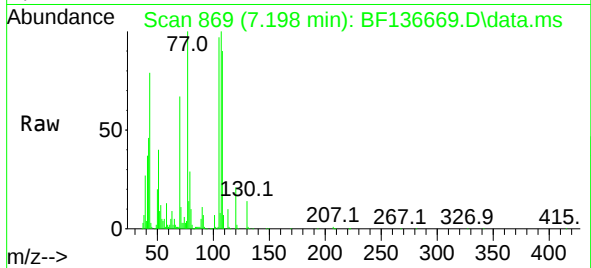
Tgt Ion:117 Resp: 84407
Ion Ratio Lower Upper
117 100
119 94.1 75.8 113.6
201 86.2 69.1 103.7





#19
n-Nitroso-di-n-propylamine
Concen: 42.477 ng
RT: 7.198 min Scan# 869
Delta R.T. -0.012 min
Lab File: BF136669.D
Acq: 21 Dec 2023 14:18

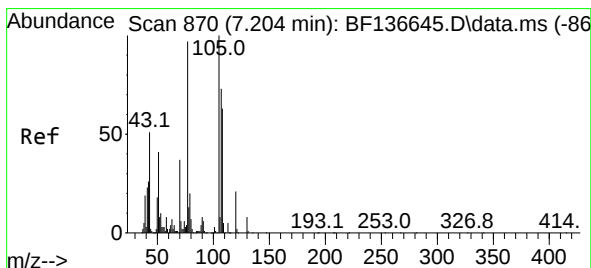
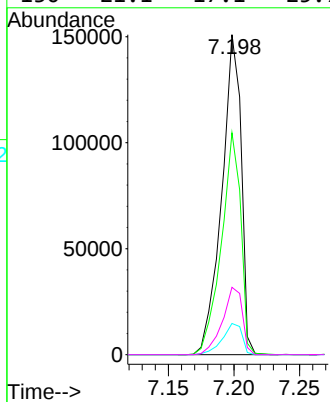
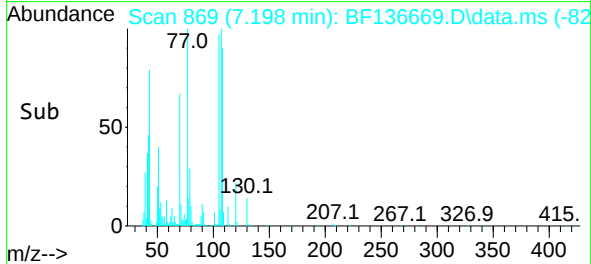
Instrument :
BNA_F
ClientSampleId :
SPRING-VALLEY-TP-3MSD



Tgt Ion: 70 Resp: 155368
Ion Ratio Lower Upper
70 100
42 69.4 54.2 81.4
101 9.8 7.6 11.4
130 21.1 17.1 25.7

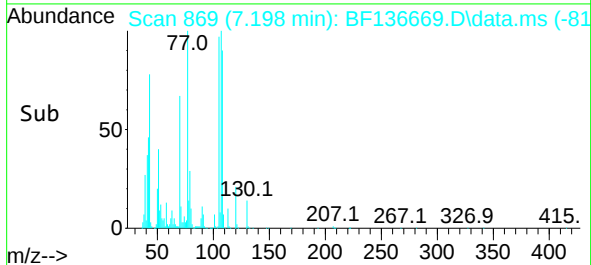
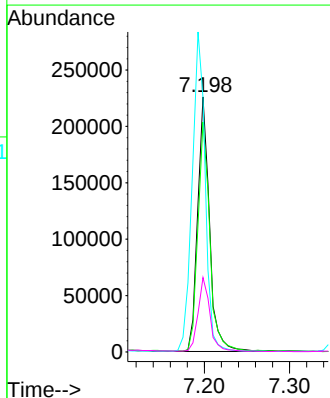
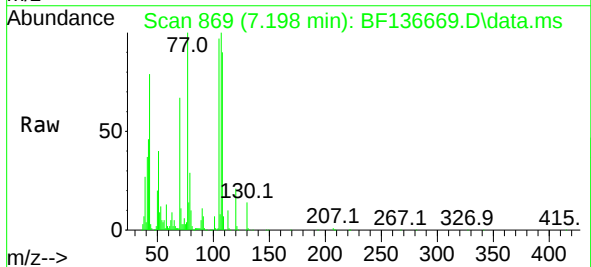
Manual Integrations
APPROVED

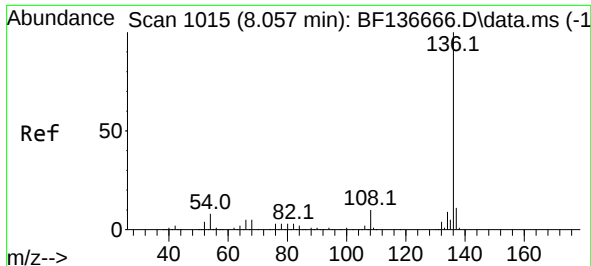
Reviewed By :Yogesh Patel 12/22/2023
Supervised By :mohammad ahmed 12/22/2023



#20
3+4-Methylphenols
Concen: 41.516 ng
RT: 7.198 min Scan# 869
Delta R.T. -0.006 min
Lab File: BF136669.D
Acq: 21 Dec 2023 14:18

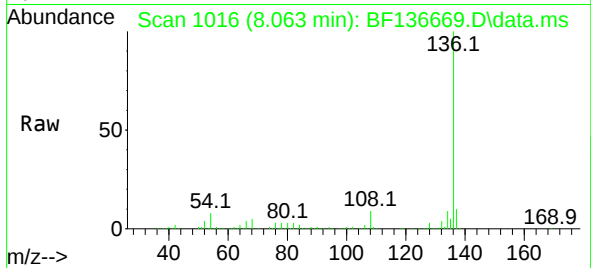
Tgt Ion:107 Resp: 218957
Ion Ratio Lower Upper
107 100
108 90.1 66.0 106.0
77 99.6 114.2 154.2#
79 29.2 7.2 47.2





#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.063 min Scan# 1015
Delta R.T. -0.006 min
Lab File: BF136669.D
Acq: 21 Dec 2023 14:18

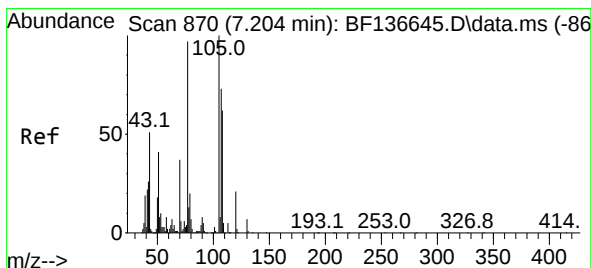
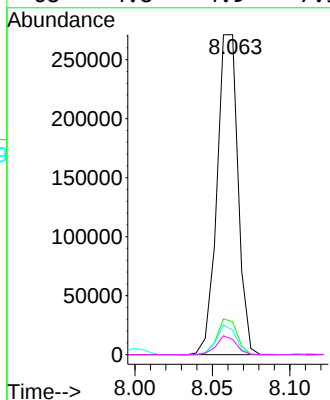
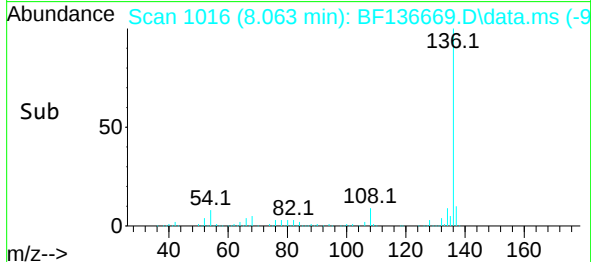
Instrument :
BNA_F
ClientSampleId :
SPRING-VALLEY-TP-3MSD



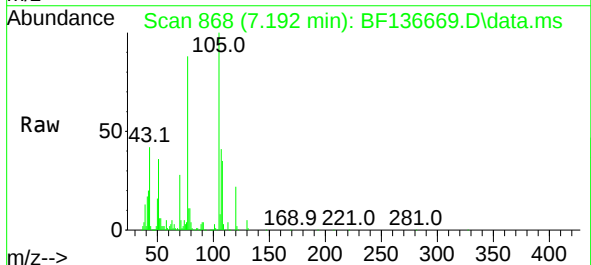
Tgt Ion:136 Resp: 255830
Ion Ratio Lower Upper
136 100
137 10.3 9.0 13.4
54 7.6 7.2 10.8
68 4.8 4.9 7.3#

Manual Integrations
APPROVED

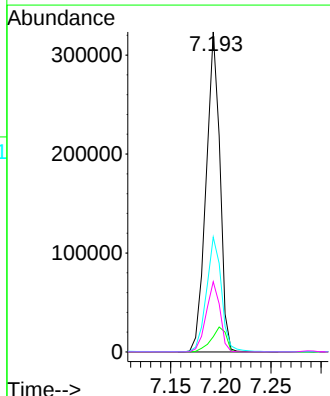
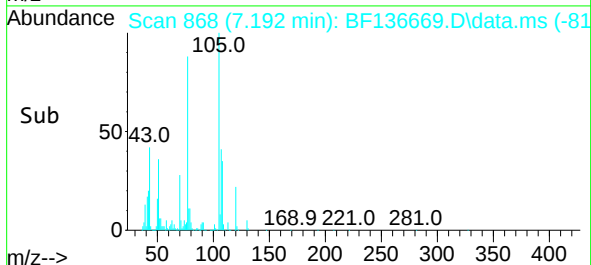
Reviewed By :Yogesh Patel 12/22/2023
Supervised By :mohammad ahmed 12/22/2023

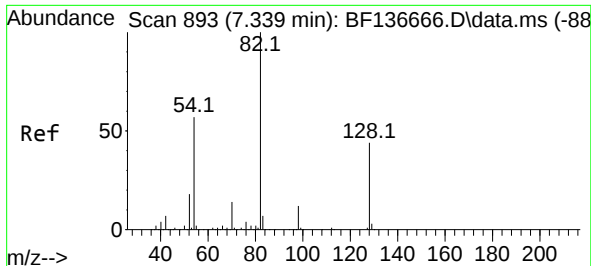


#22
Acetophenone
Concen: 48.532 ng
RT: 7.192 min Scan# 868
Delta R.T. -0.012 min
Lab File: BF136669.D
Acq: 21 Dec 2023 14:18



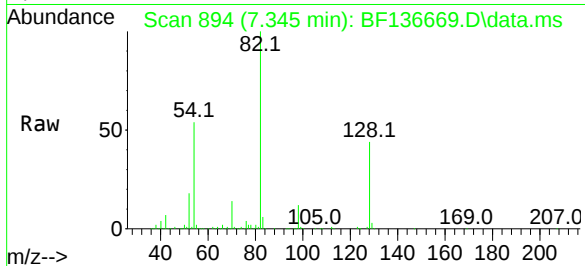
Tgt Ion:105 Resp: 311204
Ion Ratio Lower Upper
105 100
71 4.8 4.8 7.2#
51 35.9 32.8 49.2
120 22.0 17.0 25.6





#23
Nitrobenzene-d5
Concen: 68.252 ng
RT: 7.345 min Scan# 893
Delta R.T. -0.012 min
Lab File: BF136669.D
Acq: 21 Dec 2023 14:18

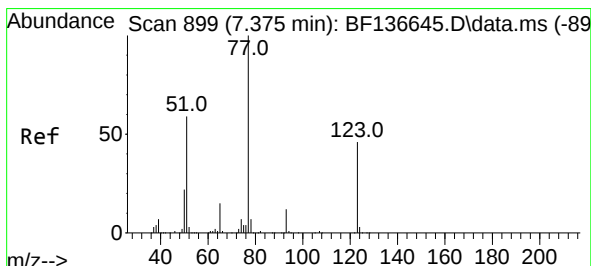
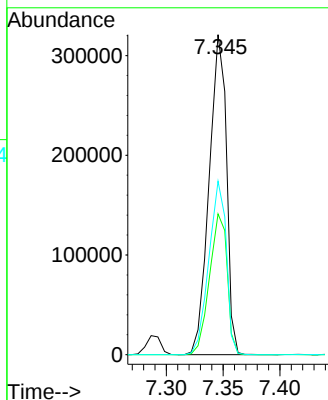
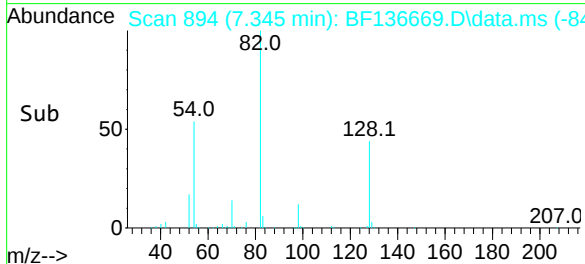
Instrument : BNA_F
ClientSampleId : SPRING-VALLEY-TP-3MSD



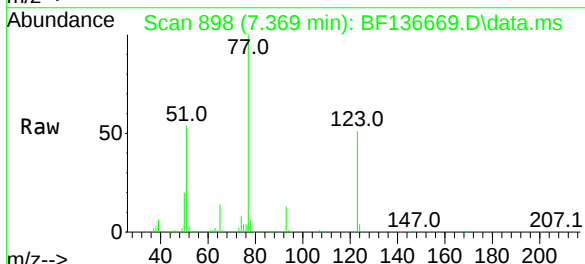
Tgt Ion: 82 Resp: 341224
Ion Ratio Lower Upper
82 100
128 44.0 35.3 52.9
54 54.2 44.5 66.7

Manual Integrations
APPROVED

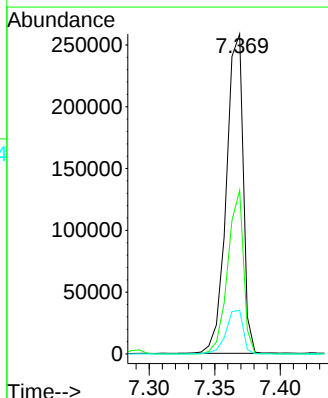
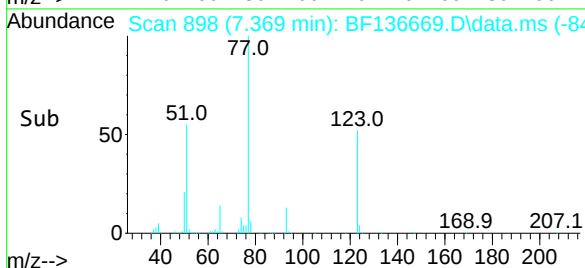
Reviewed By :Yogesh Patel 12/22/2023
Supervised By :mohammad ahmed 12/22/2023

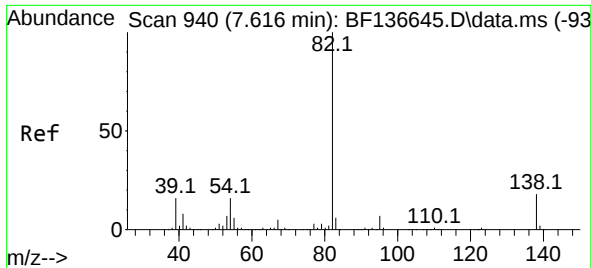


#24
Nitrobenzene
Concen: 46.073 ng
RT: 7.369 min Scan# 898
Delta R.T. -0.006 min
Lab File: BF136669.D
Acq: 21 Dec 2023 14:18



Tgt Ion: 77 Resp: 230743
Ion Ratio Lower Upper
77 100
123 51.2 36.7 55.1
65 13.6 11.8 17.6





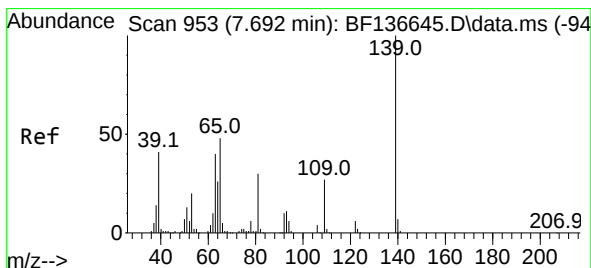
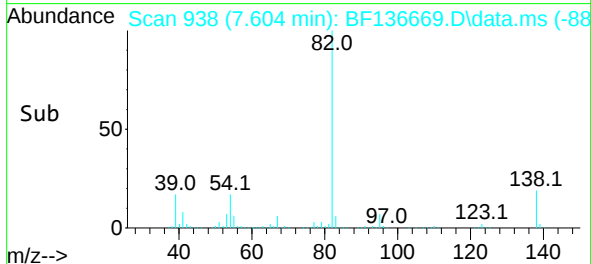
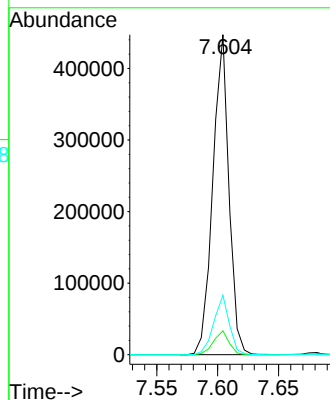
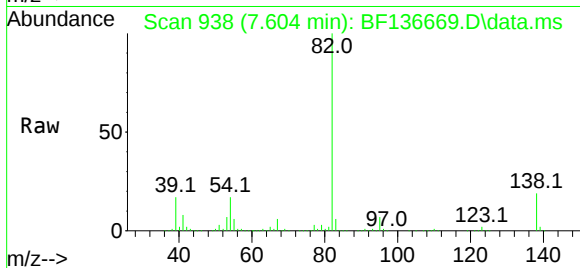
#25
Isophorone
Concen: 45.265 ng
RT: 7.604 min Scan# 911
Delta R.T. -0.012 min
Lab File: BF136669.D
Acq: 21 Dec 2023 14:18

Instrument :
BNA_F
ClientSampleId :
SPRING-VALLEY-TP-3MSD

Tgt Ion: 82 Resp: 411783
Ion Ratio Lower Upper
82 100
95 7.4 5.5 8.3
138 18.5 14.5 21.7

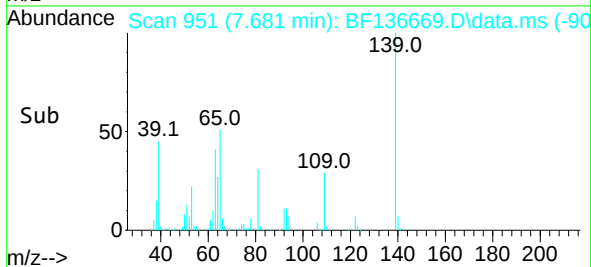
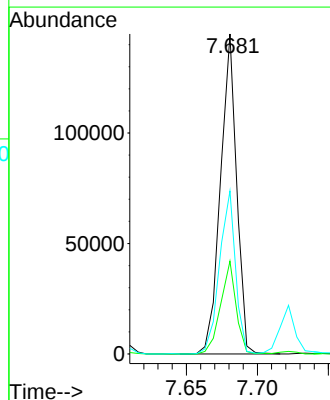
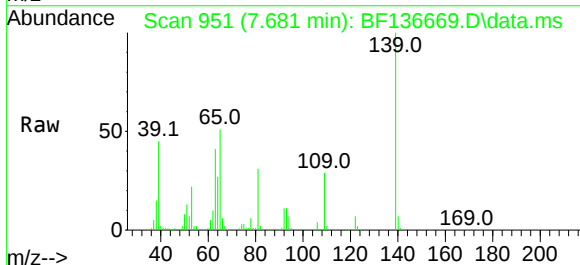
Manual Integrations
APPROVED

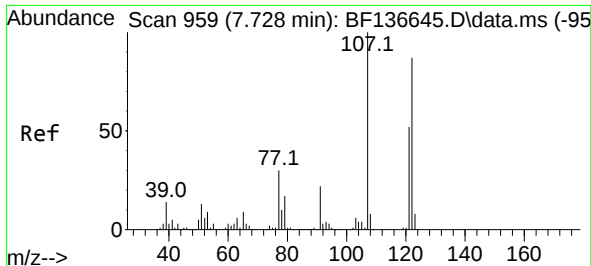
Reviewed By :Yogesh Patel 12/22/2023
Supervised By :mohammad ahmed 12/22/2023



#26
2-Nitrophenol
Concen: 47.798 ng
RT: 7.681 min Scan# 951
Delta R.T. -0.012 min
Lab File: BF136669.D
Acq: 21 Dec 2023 14:18

Tgt Ion:139 Resp: 114530
Ion Ratio Lower Upper
139 100
109 29.0 21.9 32.9
65 51.0 38.6 58.0





#27

2,4-Dimethylphenol

Concen: 56.328 ng

RT: 7.722 min Scan# 91

Delta R.T. -0.006 min

Lab File: BF136669.D

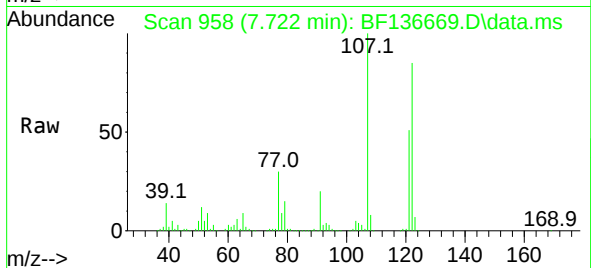
Acq: 21 Dec 2023 14:18

Instrument :

BNA_F

ClientSampleId :

SPRING-VALLEY-TP-3MSD



Tgt Ion:122 Resp: 164319

Ion Ratio Lower Upper

122 100

107 117.5 92.0 138.0

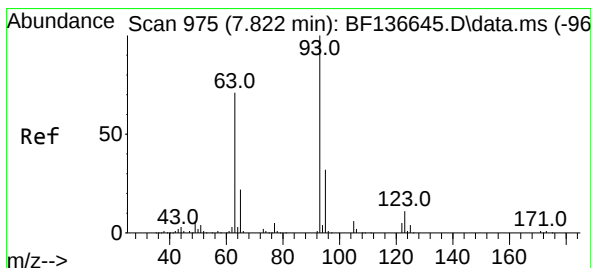
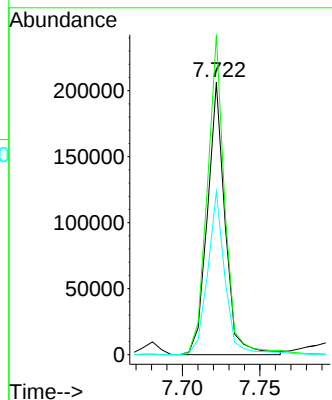
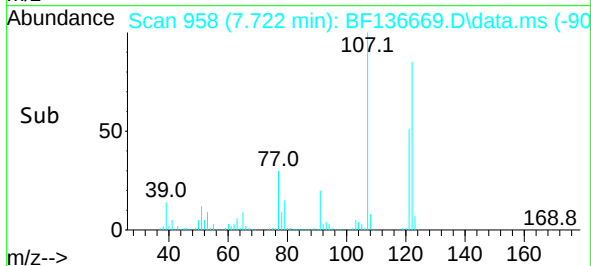
121 59.9 47.5 71.3

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 12/22/2023

Supervised By :mohammad ahmed 12/22/2023



#28

bis(2-Chloroethoxy)methane

Concen: 46.555 ng

RT: 7.816 min Scan# 974

Delta R.T. -0.006 min

Lab File: BF136669.D

Acq: 21 Dec 2023 14:18

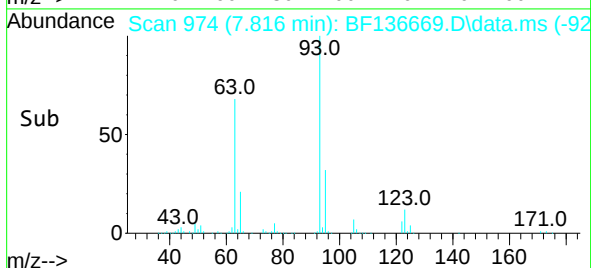
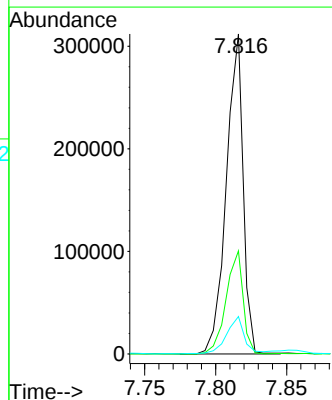
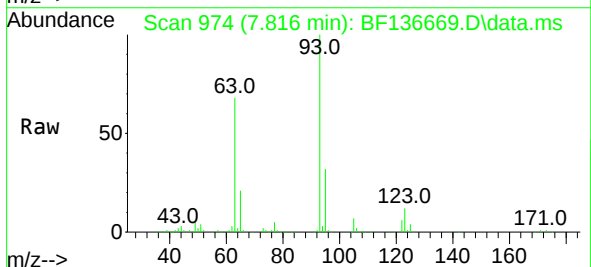
Tgt Ion: 93 Resp: 257434

Ion Ratio Lower Upper

93 100

95 32.2 25.5 38.3

123 11.7 9.2 13.8





#29

2,4-Dichlorophenol

Concen: 44.267 ng

RT: 7.928 min Scan# 994

Delta R.T. -0.006 min

Lab File: BF136669.D

Acq: 21 Dec 2023 14:18

Instrument :

BNA_F

ClientSampleId :

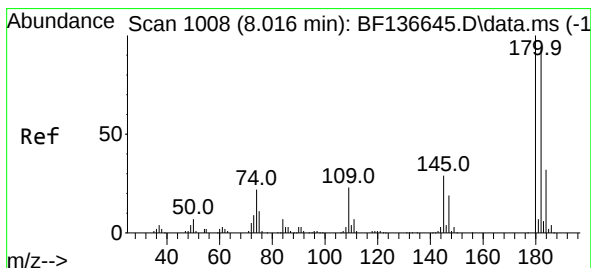
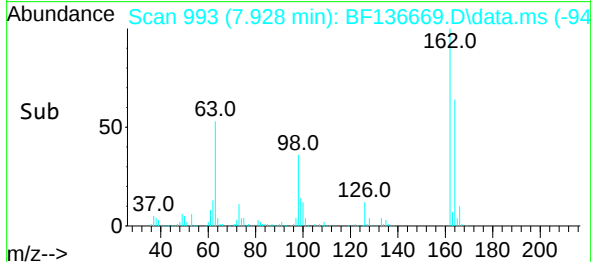
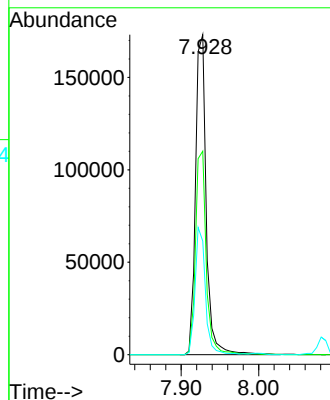
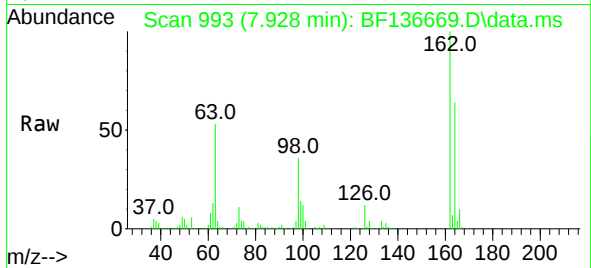
SPRING-VALLEY-TP-3MSD

Tgt Ion:162 Resp: 166248
 Ion Ratio Lower Upper
 162 100
 164 63.6 41.7 81.7
 98 35.5 19.5 59.5

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 12/22/2023
 Supervised By :mohammad ahmed 12/22/2023



#30

1,2,4-Trichlorobenzene

Concen: 43.764 ng

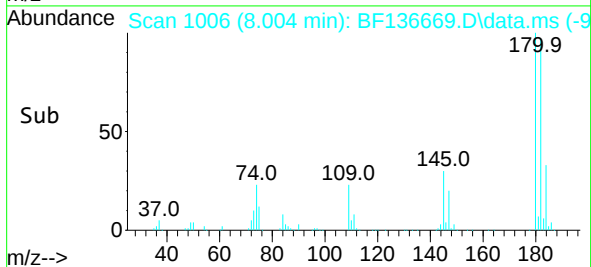
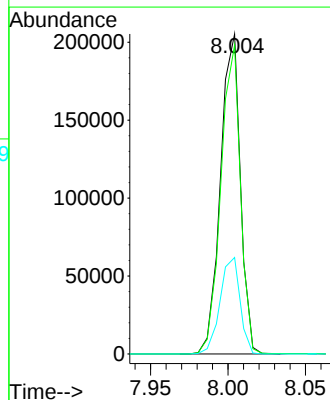
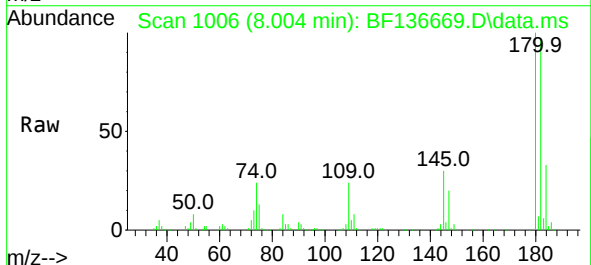
RT: 8.004 min Scan# 1006

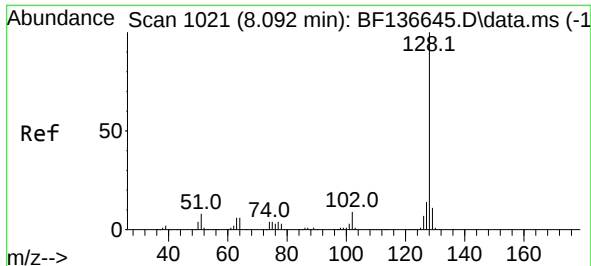
Delta R.T. -0.012 min

Lab File: BF136669.D

Acq: 21 Dec 2023 14:18

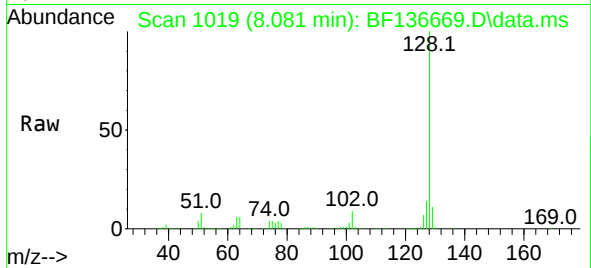
Tgt Ion:180 Resp: 183127
 Ion Ratio Lower Upper
 180 100
 182 96.6 75.4 113.0
 145 30.1 23.1 34.7





#31
Naphthalene
Concen: 43.445 ng
RT: 8.081 min Scan# 1019
Delta R.T. -0.012 min
Lab File: BF136669.D
Acq: 21 Dec 2023 14:18

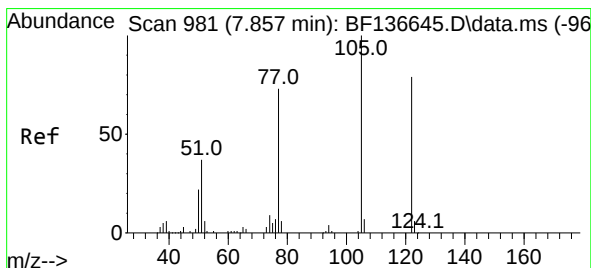
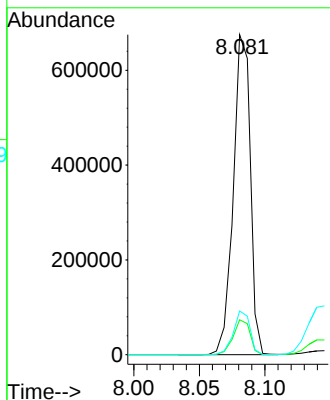
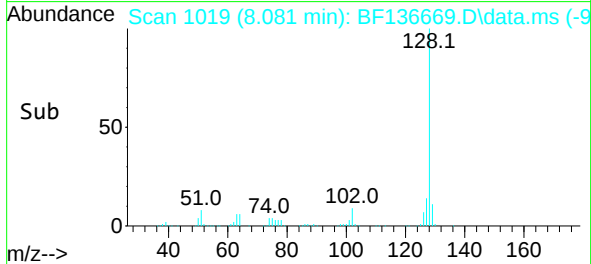
Instrument :
BNA_F
ClientSampleId :
SPRING-VALLEY-TP-3MSD



Tgt Ion:128 Resp: 610608
Ion Ratio Lower Upper
128 100
129 10.9 8.7 13.1
127 13.7 10.8 16.2

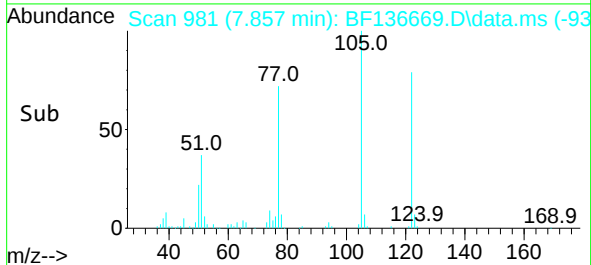
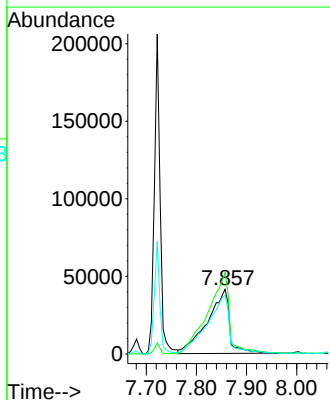
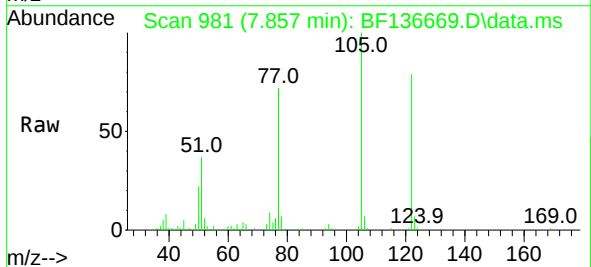
Manual Integrations
APPROVED

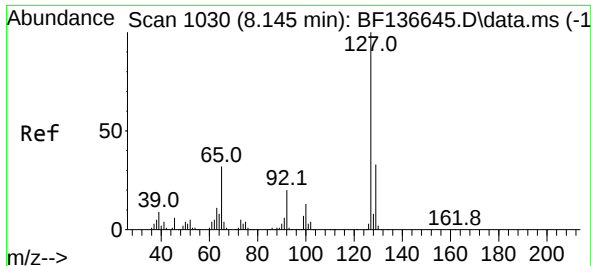
Reviewed By :Yogesh Patel 12/22/2023
Supervised By :mohammad ahmed 12/22/2023



#32
Benzoic acid
Concen: 45.205 ng
RT: 7.857 min Scan# 981
Delta R.T. 0.000 min
Lab File: BF136669.D
Acq: 21 Dec 2023 14:18

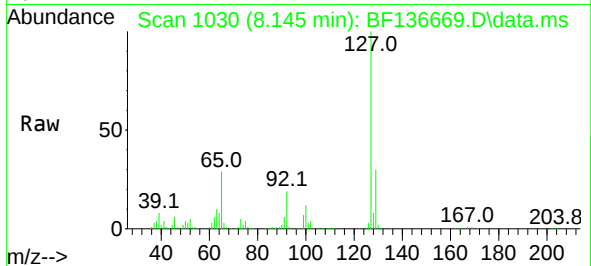
Tgt Ion:122 Resp: 127593
Ion Ratio Lower Upper
122 100
105 125.8 100.8 140.8
77 91.0 70.9 110.9





#33
4-Chloroaniline
Concen: 27.884 ng
RT: 8.145 min Scan# 1030
Delta R.T. 0.000 min
Lab File: BF136669.D
Acq: 21 Dec 2023 14:18

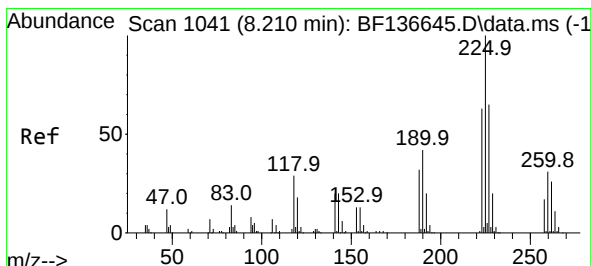
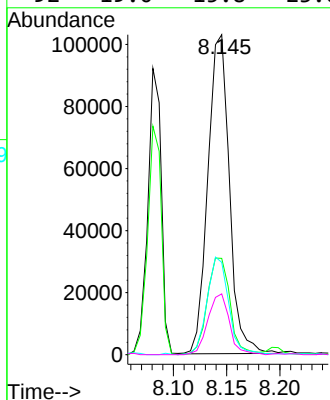
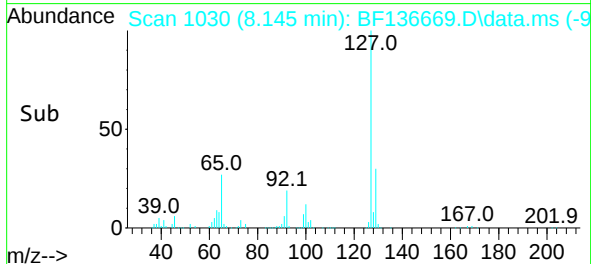
Instrument :
BNA_F
ClientSampleId :
SPRING-VALLEY-TP-3MSD



Tgt Ion:127 Resp: 144697
Ion Ratio Lower Upper
127 100
129 30.1 26.3 39.5
65 28.9 25.8 38.8
92 19.0 15.8 23.6

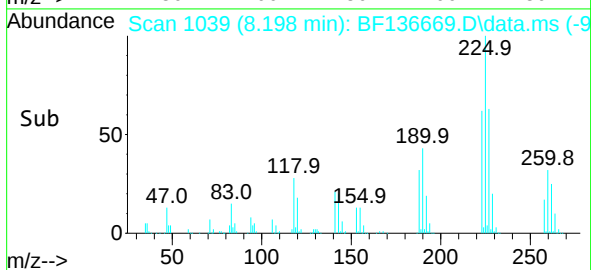
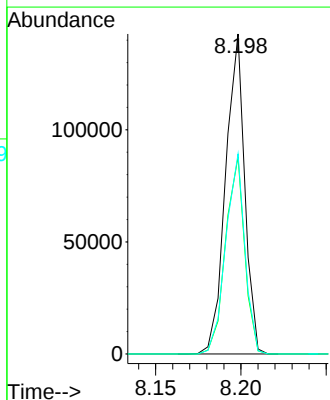
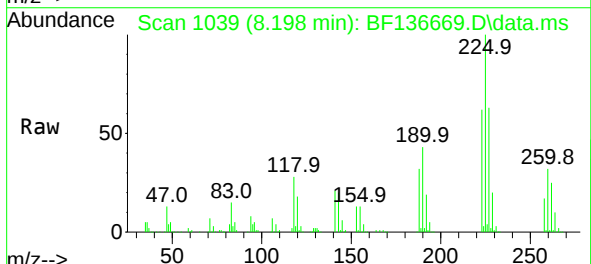
Manual Integrations
APPROVED

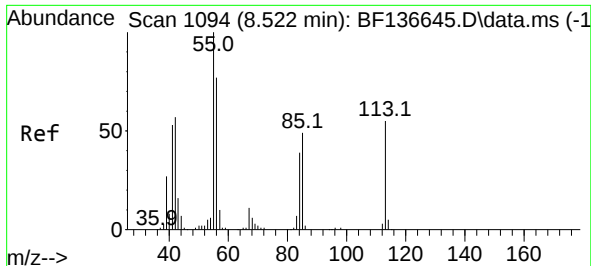
Reviewed By :Yogesh Patel 12/22/2023
Supervised By :mohammad ahmed 12/22/2023



#34
Hexachlorobutadiene
Concen: 43.690 ng
RT: 8.198 min Scan# 1039
Delta R.T. -0.012 min
Lab File: BF136669.D
Acq: 21 Dec 2023 14:18

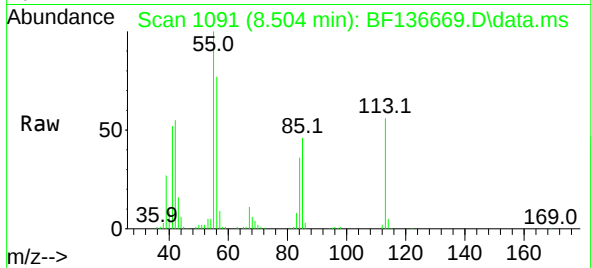
Tgt Ion:225 Resp: 111074
Ion Ratio Lower Upper
225 100
223 61.6 50.6 76.0
227 62.5 51.9 77.9





#35
Caprolactam
Concen: 44.183 ng m
RT: 8.504 min Scan# 1094
Delta R.T. -0.017 min
Lab File: BF136669.D
Acq: 21 Dec 2023 14:18

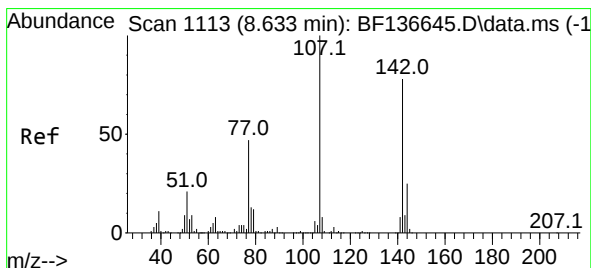
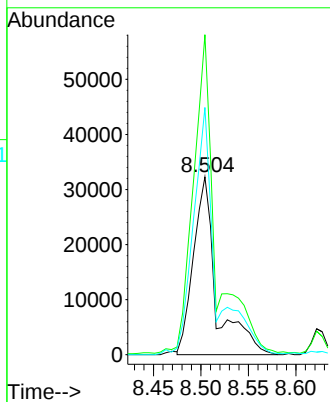
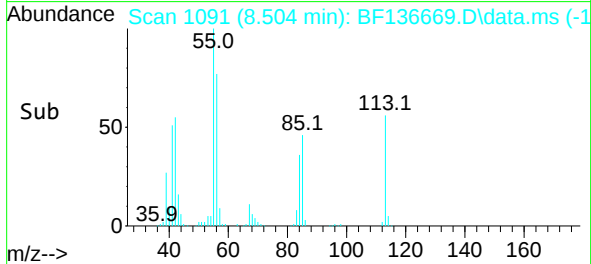
Instrument :
BNA_F
ClientSampleId :
SPRING-VALLEY-TP-3MSD



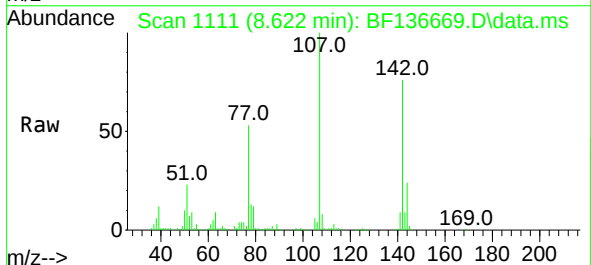
Tgt Ion:113 Resp: 54740
Ion Ratio Lower Upper
113 100
55 180.0 163.1 203.1
56 139.1 121.7 161.7

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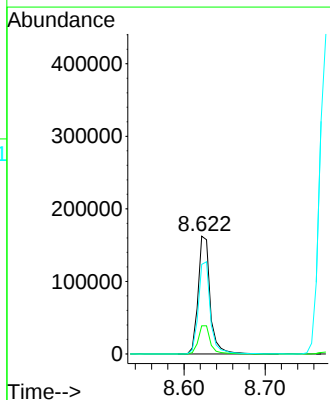
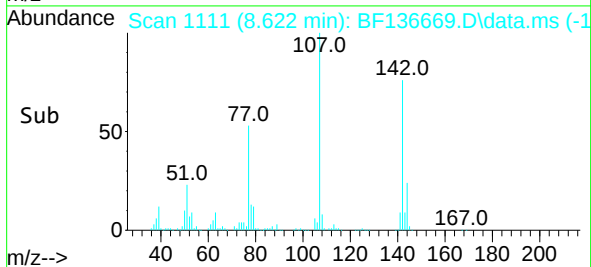
Reviewed By :Yogesh Patel 12/22/2023
Supervised By :mohammad ahmed 12/22/2023

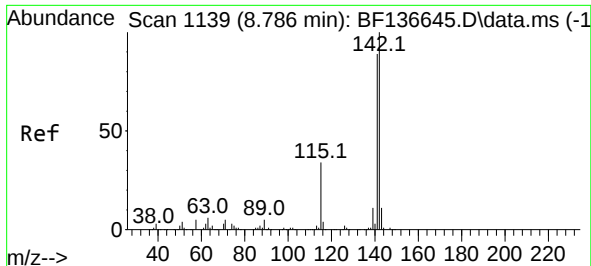


#36
4-Chloro-3-methylphenol
Concen: 39.733 ng
RT: 8.622 min Scan# 1111
Delta R.T. -0.012 min
Lab File: BF136669.D
Acq: 21 Dec 2023 14:18



Tgt Ion:107 Resp: 167989
Ion Ratio Lower Upper
107 100
144 23.9 20.2 30.2
142 76.1 62.3 93.5





#37

2-Methylnaphthalene

Concen: 39.996 ng

RT: 8.775 min Scan# 1137

Delta R.T. -0.012 min

Lab File: BF136669.D

Acq: 21 Dec 2023 14:18

Instrument :

BNA_F

ClientSampleId :

SPRING-VALLEY-TP-3MSD

Tgt Ion:142 Resp: 36177

Ion Ratio Lower Upper

142 100

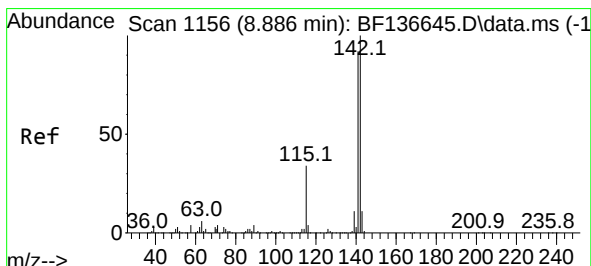
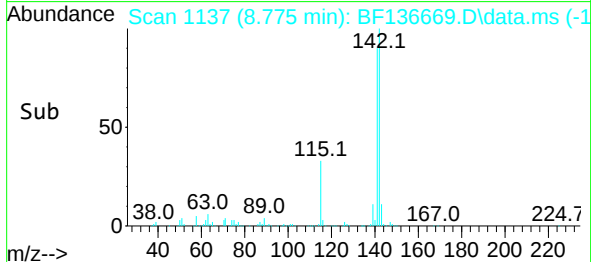
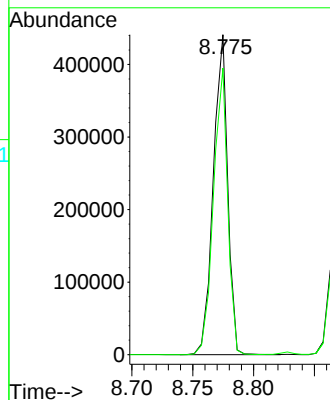
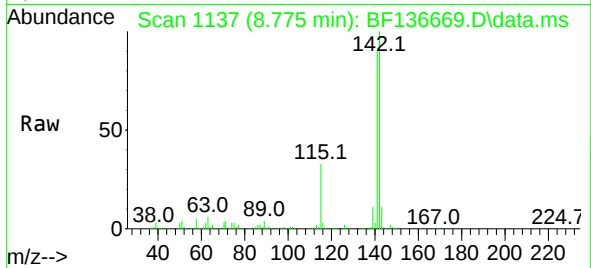
141 89.6 71.1 106.7

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 12/22/2023

Supervised By :mohammad ahmed 12/22/2023



#38

1-Methylnaphthalene

Concen: 39.133 ng

RT: 8.875 min Scan# 1154

Delta R.T. -0.012 min

Lab File: BF136669.D

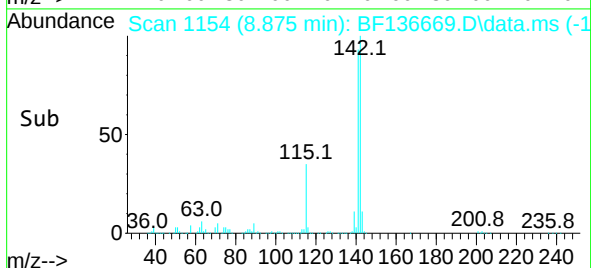
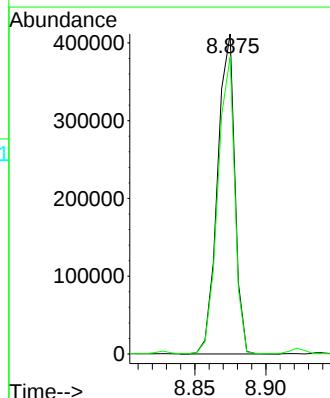
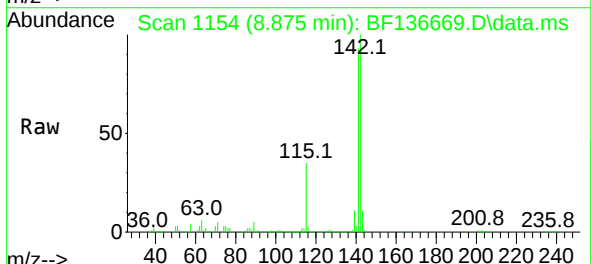
Acq: 21 Dec 2023 14:18

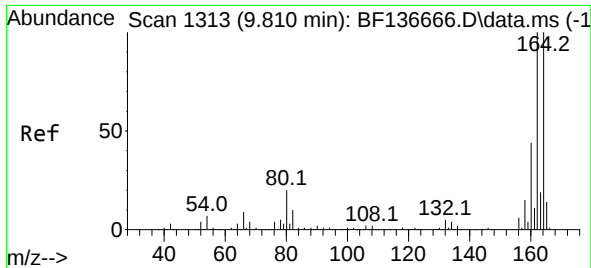
Tgt Ion:142 Resp: 347267

Ion Ratio Lower Upper

142 100

141 92.9 73.6 110.4





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.816 min Scan# 1165

Delta R.T. -0.012 min

Lab File: BF136669.D

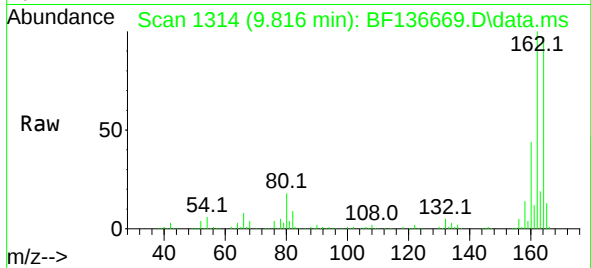
Acq: 21 Dec 2023 14:18

Instrument :

BNA_F

ClientSampleId :

SPRING-VALLEY-TP-3MSD



Tgt Ion:164 Resp: 10308

Ion Ratio Lower Upper

164 100

162 103.2 81.6 122.4

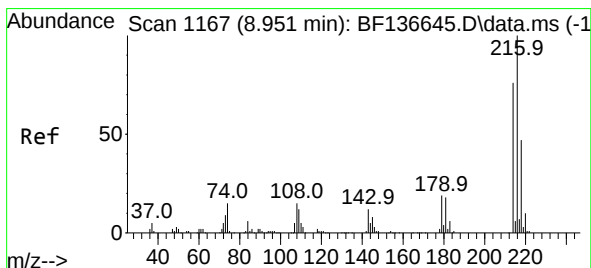
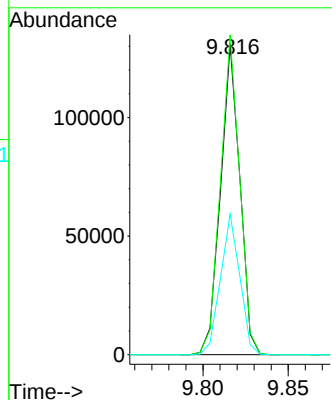
160 45.4 34.9 52.3

Manual Integrations

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Reviewed By :Yogesh Patel 12/22/2023

Supervised By :mohammad ahmed 12/22/2023



#40

1,2,4,5-Tetrachlorobenzene

Concen: 53.840 ng

RT: 8.939 min Scan# 1165

Delta R.T. -0.012 min

Lab File: BF136669.D

Acq: 21 Dec 2023 14:18

Tgt Ion:216 Resp: 171876

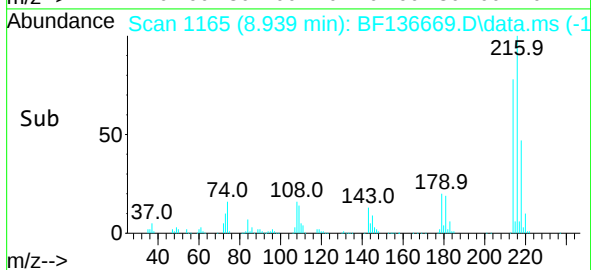
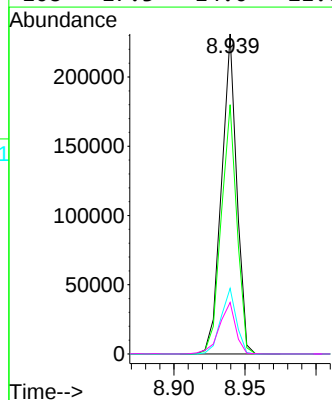
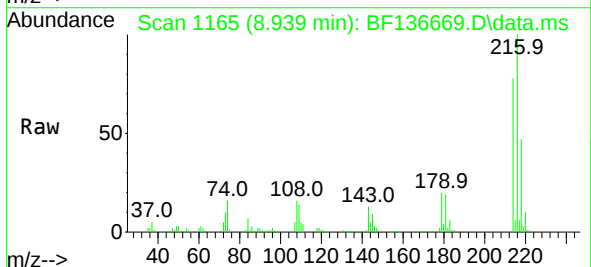
Ion Ratio Lower Upper

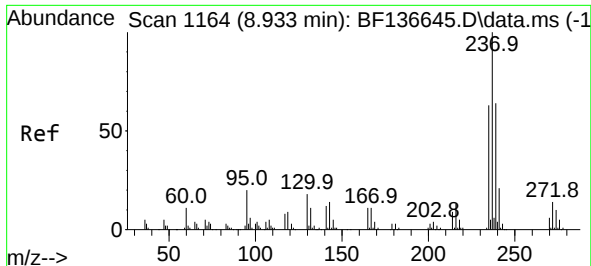
216 100

214 79.8 62.3 93.5

179 20.7 16.4 24.6

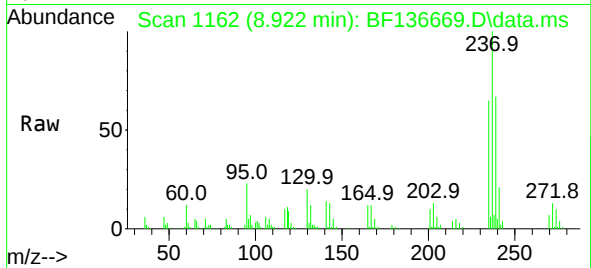
108 17.3 14.0 21.0





#41
Hexachlorocyclopentadiene
Concen: 44.891 ng
RT: 8.922 min Scan# 1162
Delta R.T. -0.012 min
Lab File: BF136669.D
Acq: 21 Dec 2023 14:18

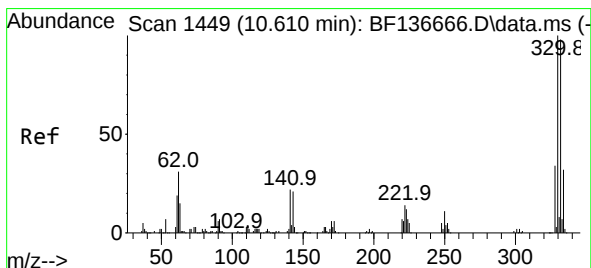
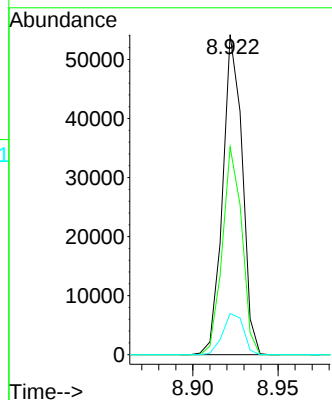
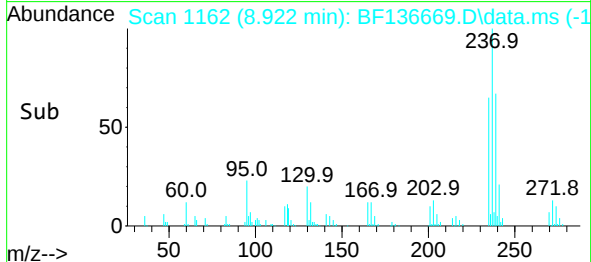
Instrument :
BNA_F
ClientSampleId :
SPRING-VALLEY-TP-3MSD



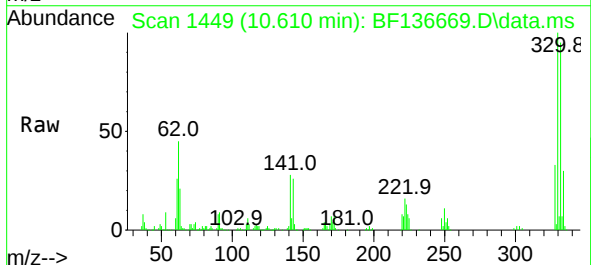
Tgt Ion:237 Resp: 43362
Ion Ratio Lower Upper
237 100
235 64.9 43.2 83.2
272 12.8 0.0 34.2

Manual Integrations
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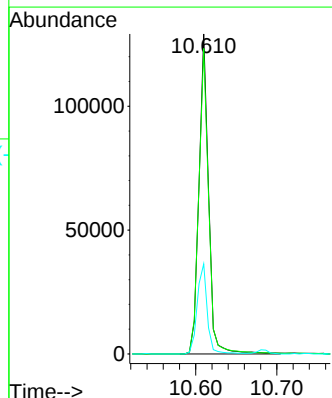
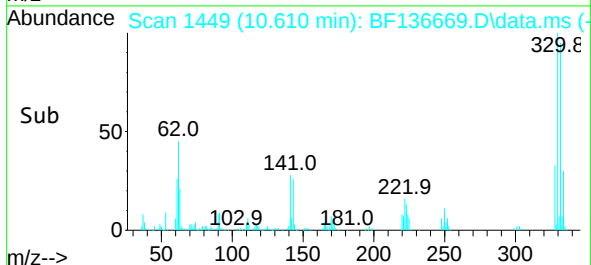
Reviewed By :Yogesh Patel 12/22/2023
Supervised By :mohammad ahmed 12/22/2023



#42
2,4,6-Tribromophenol
Concen: 88.034 ng
RT: 10.610 min Scan# 1449
Delta R.T. -0.012 min
Lab File: BF136669.D
Acq: 21 Dec 2023 14:18



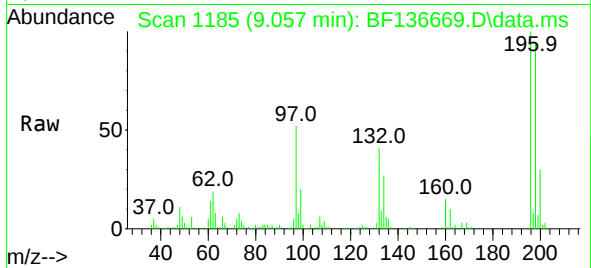
Tgt Ion:330 Resp: 106874
Ion Ratio Lower Upper
330 100
332 97.9 77.4 116.0
141 29.3 23.4 35.2





#43
2,4,6-Trichlorophenol
Concen: 51.750 ng
RT: 9.057 min Scan# 1185
Delta R.T. -0.006 min
Lab File: BF136669.D
Acq: 21 Dec 2023 14:18

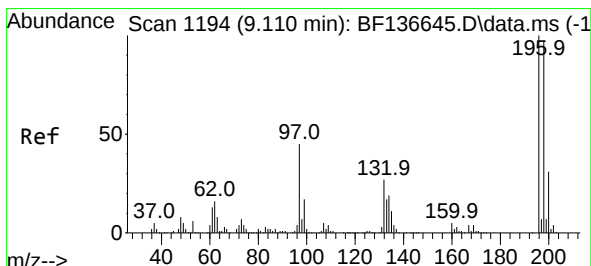
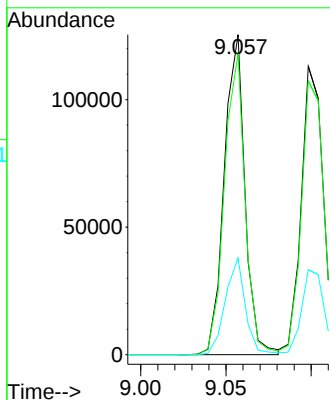
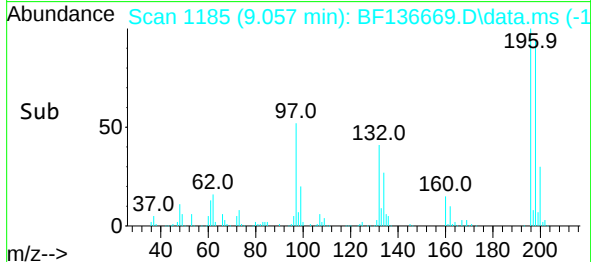
Instrument :
BNA_F
ClientSampleId :
SPRING-VALLEY-TP-3MSD



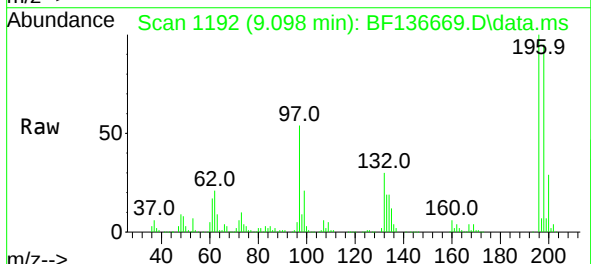
Tgt Ion:196 Resp: 105949
Ion Ratio Lower Upper
196 100
198 94.1 75.1 112.7
200 30.2 22.5 33.7

Manual Integrations
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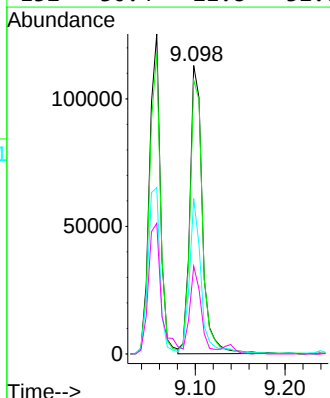
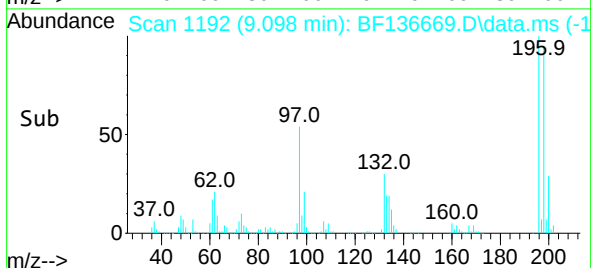
Reviewed By :Yogesh Patel 12/22/2023
Supervised By :mohammad ahmed 12/22/2023

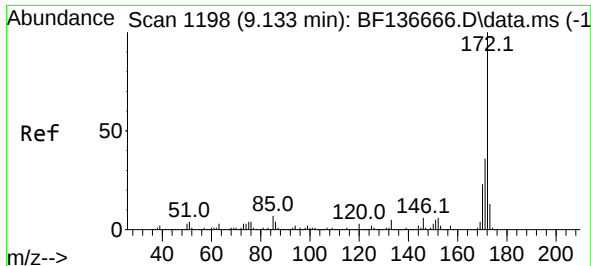


#44
2,4,5-Trichlorophenol
Concen: 47.802 ng
RT: 9.098 min Scan# 1192
Delta R.T. -0.012 min
Lab File: BF136669.D
Acq: 21 Dec 2023 14:18



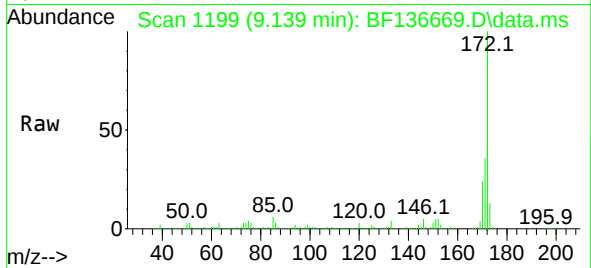
Tgt Ion:196 Resp: 109059
Ion Ratio Lower Upper
196 100
198 94.9 77.0 115.6
97 53.9 36.1 54.1
132 30.4 21.8 32.6





#45
2-Fluorobiphenyl
Concen: 75.790 ng
RT: 9.139 min Scan# 1198
Delta R.T. -0.012 min
Lab File: BF136669.D
Acq: 21 Dec 2023 14:18

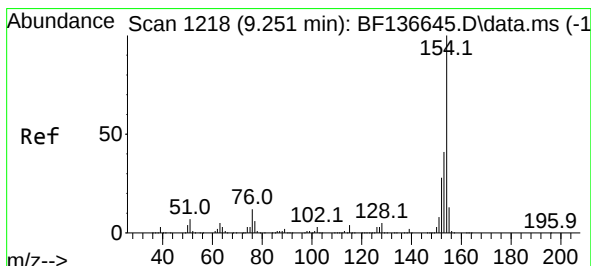
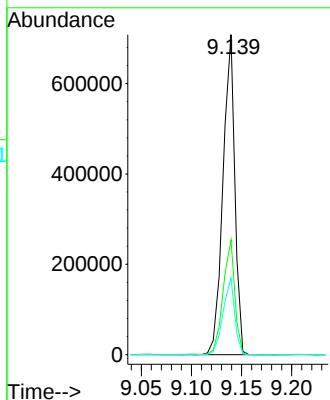
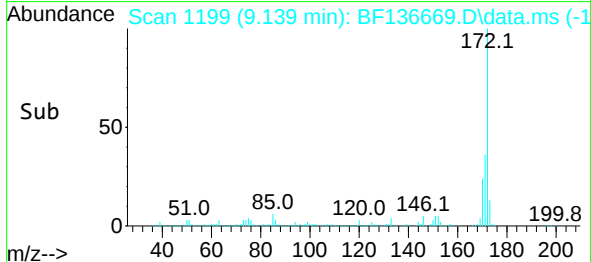
Instrument :
BNA_F
ClientSampleId :
SPRING-VALLEY-TP-3MSD



Tgt Ion:172 Resp: 580862
Ion Ratio Lower Upper
172 100
171 36.0 29.0 43.6
170 24.0 19.0 28.4

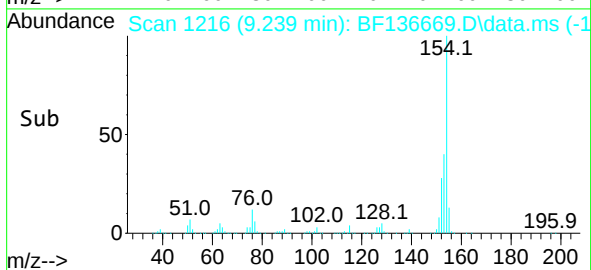
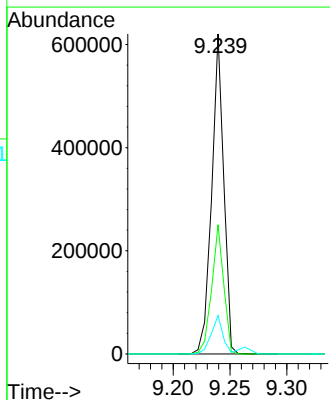
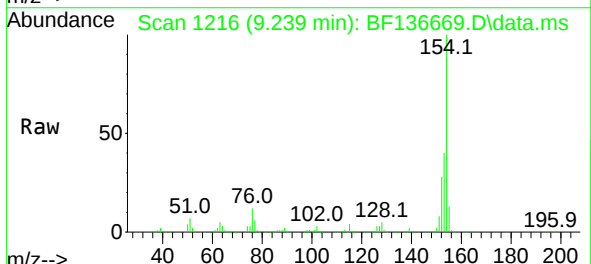
Manual Integrations
APPROVED

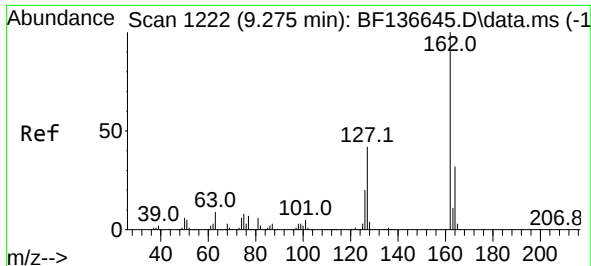
Reviewed By :Yogesh Patel 12/22/2023
Supervised By :mohammad ahmed 12/22/2023



#46
1,1'-Biphenyl
Concen: 52.668 ng
RT: 9.239 min Scan# 1216
Delta R.T. -0.012 min
Lab File: BF136669.D
Acq: 21 Dec 2023 14:18

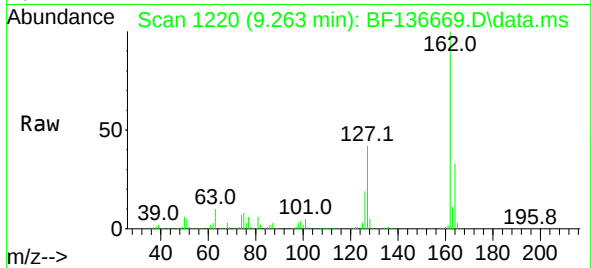
Tgt Ion:154 Resp: 455578
Ion Ratio Lower Upper
154 100
153 40.4 21.1 61.1
76 12.0 0.0 31.7





#47
2-Chloronaphthalene
Concen: 49.218 ng
RT: 9.263 min Scan# 11
Delta R.T. -0.012 min
Lab File: BF136669.D
Acq: 21 Dec 2023 14:18

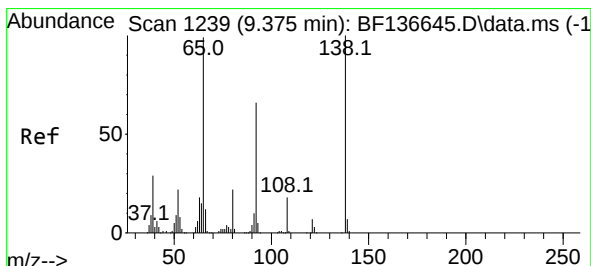
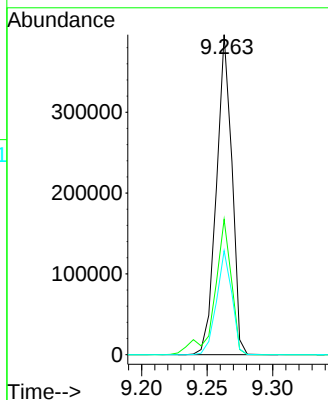
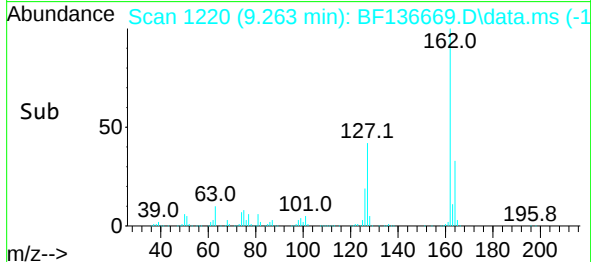
Instrument :
BNA_F
ClientSampleId :
SPRING-VALLEY-TP-3MSD



Tgt Ion:162 Resp: 32365
Ion Ratio Lower Upper
162 100
127 42.3 33.6 50.4
164 32.5 25.7 38.5

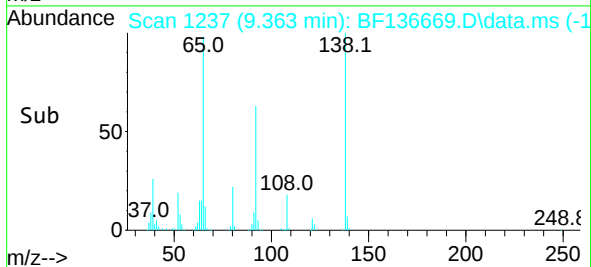
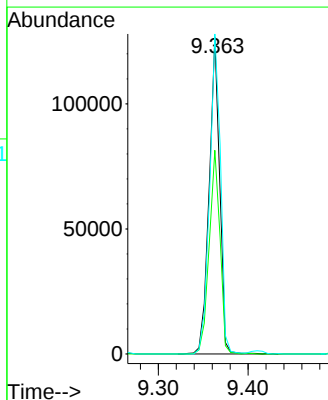
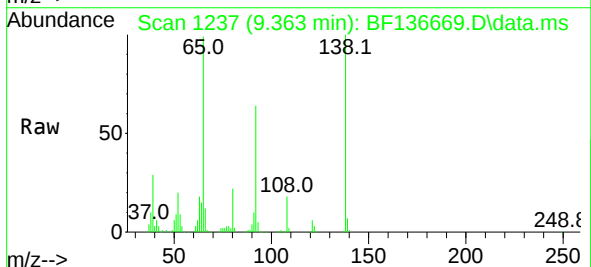
Manual Integrations
APPROVED

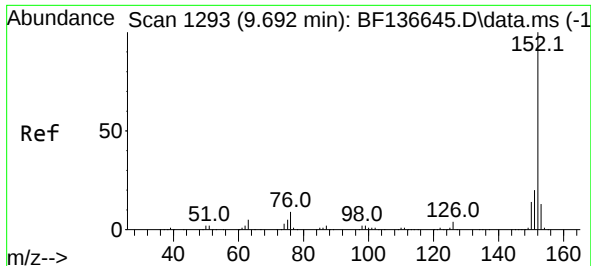
Reviewed By :Yogesh Patel 12/22/2023
Supervised By :mohammad ahmed 12/22/2023



#48
2-Nitroaniline
Concen: 50.058 ng
RT: 9.363 min Scan# 1237
Delta R.T. -0.012 min
Lab File: BF136669.D
Acq: 21 Dec 2023 14:18

Tgt Ion: 65 Resp: 103081
Ion Ratio Lower Upper
65 100
92 64.3 53.2 79.8
138 101.0 81.1 121.7





#49

Acenaphthylene

Concen: 49.753 ng

RT: 9.681 min Scan# 11

Delta R.T. -0.012 min

Lab File: BF136669.D

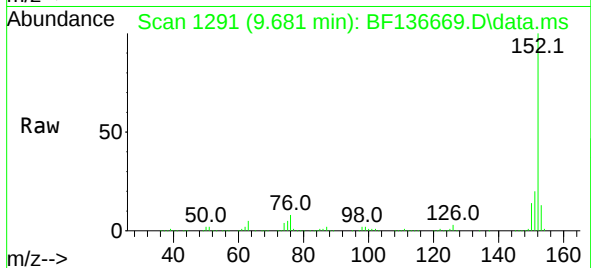
Acq: 21 Dec 2023 14:18

Instrument :

BNA_F

ClientSampleId :

SPRING-VALLEY-TP-3MSD



Tgt Ion:152 Resp: 500070

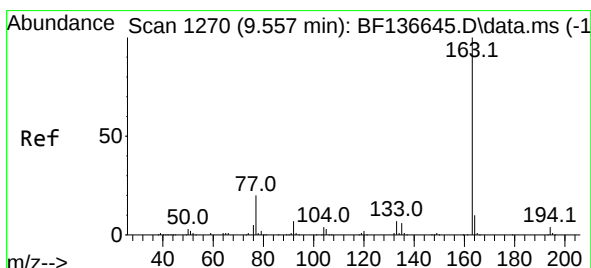
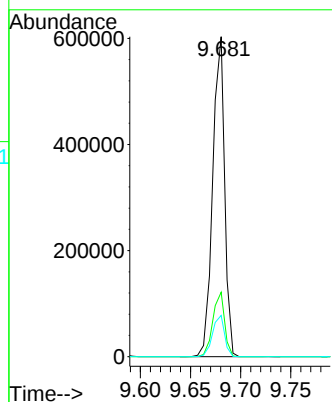
Ion	Ratio	Lower	Upper
152	100		
151	20.2	16.2	24.4
153	12.9	10.2	15.2

Manual Integrations

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Reviewed By :Yogesh Patel 12/22/2023

Supervised By :mohammad ahmed 12/22/2023



#50

Dimethylphthalate

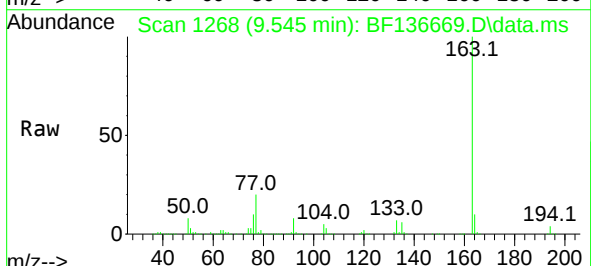
Concen: 49.966 ng

RT: 9.545 min Scan# 1268

Delta R.T. -0.012 min

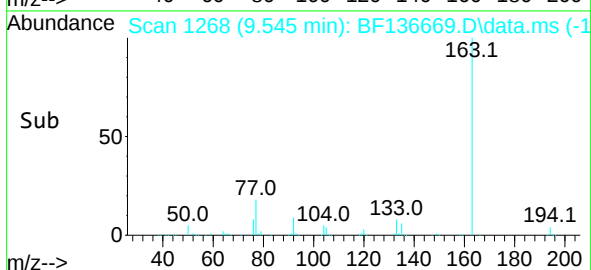
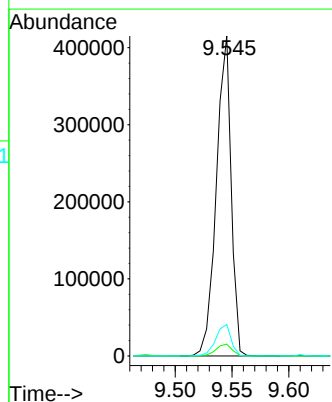
Lab File: BF136669.D

Acq: 21 Dec 2023 14:18



Tgt Ion:163 Resp: 376206

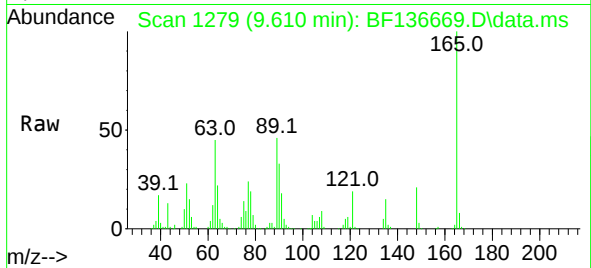
Ion	Ratio	Lower	Upper
163	100		
194	3.7	3.3	4.9
164	9.9	7.8	11.6





#51
2,6-Dinitrotoluene
Concen: 45.654 ng
RT: 9.610 min Scan# 1279
Delta R.T. -0.012 min
Lab File: BF136669.D
Acq: 21 Dec 2023 14:18

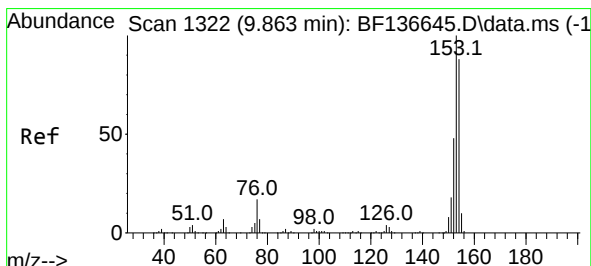
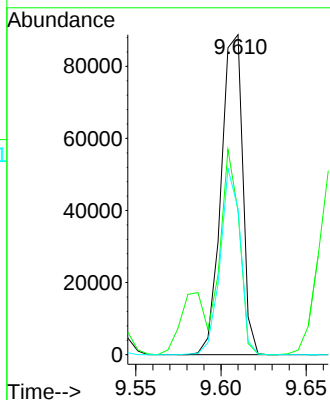
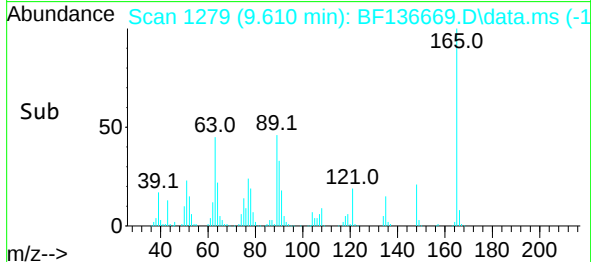
Instrument :
BNA_F
ClientSampleId :
SPRING-VALLEY-TP-3MSD



Tgt Ion:165 Resp: 7801
Ion Ratio Lower Upper
165 100
63 44.8 39.8 59.6
89 45.7 38.8 58.2

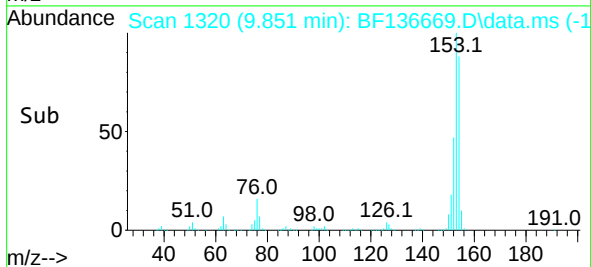
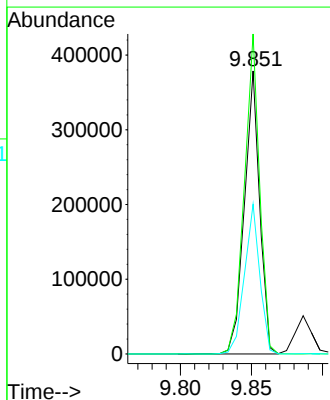
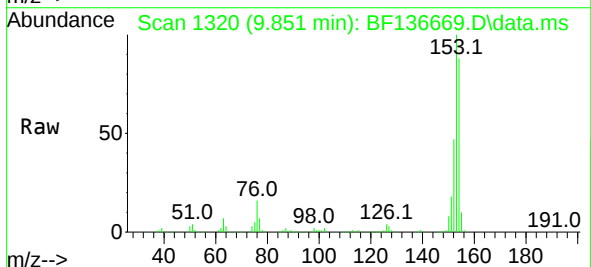
Manual Integrations
APPROVED

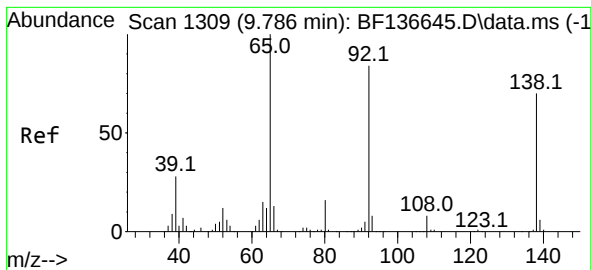
Reviewed By :Yogesh Patel 12/22/2023
Supervised By :mohammad ahmed 12/22/2023



#52
Acenaphthene
Concen: 45.422 ng
RT: 9.851 min Scan# 1320
Delta R.T. -0.012 min
Lab File: BF136669.D
Acq: 21 Dec 2023 14:18

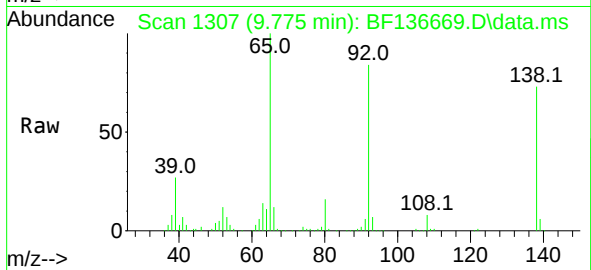
Tgt Ion:154 Resp: 283002
Ion Ratio Lower Upper
154 100
153 113.1 90.7 136.1
152 52.9 43.7 65.5





#53
3-Nitroaniline
Concen: 37.210 ng
RT: 9.775 min Scan# 11
Delta R.T. -0.012 min
Lab File: BF136669.D
Acq: 21 Dec 2023 14:18

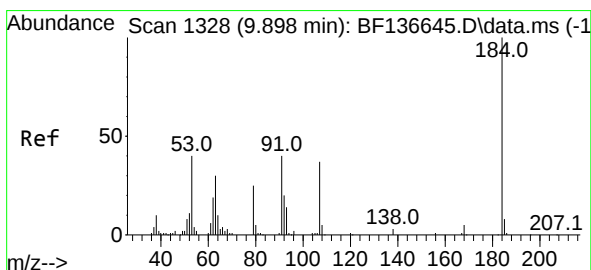
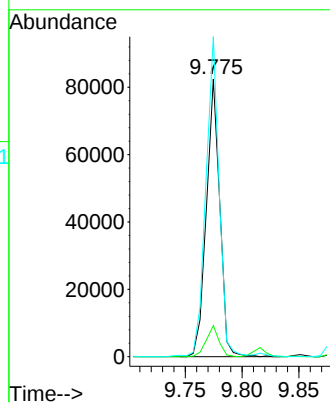
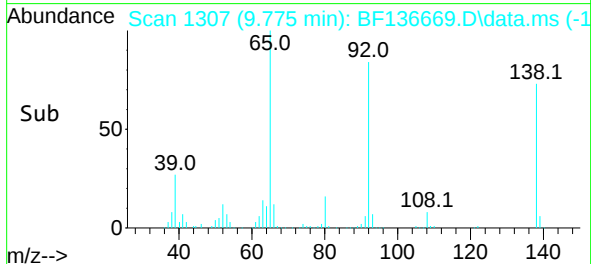
Instrument :
BNA_F
ClientSampleId :
SPRING-VALLEY-TP-3MSD



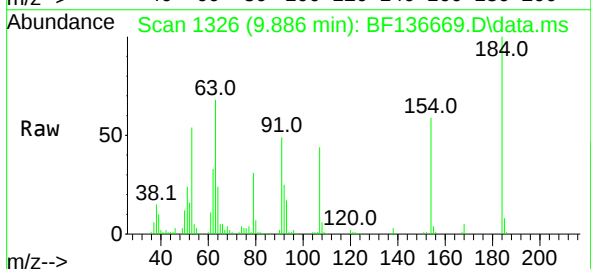
Tgt Ion:138 Resp: 6735
Ion Ratio Lower Upper
138 100
108 11.2 8.6 12.8
92 115.2 95.2 142.8

Manual Integrations
APPROVED

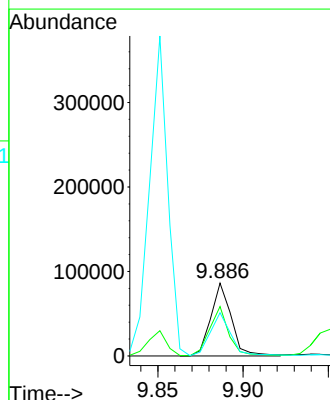
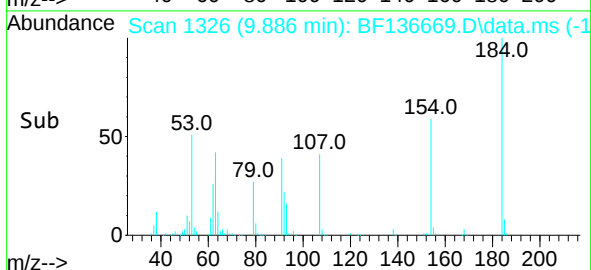
Reviewed By :Yogesh Patel 12/22/2023
Supervised By :mohammad ahmed 12/22/2023

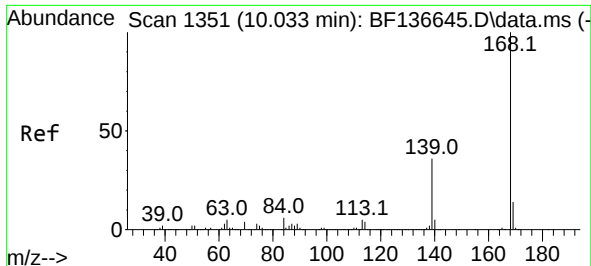


#54
2,4-Dinitrophenol
Concen: 76.708 ng
RT: 9.886 min Scan# 1326
Delta R.T. -0.012 min
Lab File: BF136669.D
Acq: 21 Dec 2023 14:18



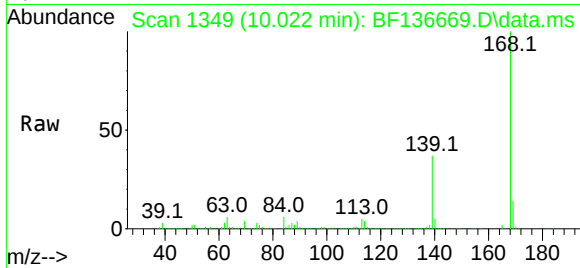
Tgt Ion:184 Resp: 72493
Ion Ratio Lower Upper
184 100
63 67.9 40.9 61.3#
154 59.4 42.7 64.1





#55
Dibenzenofuran
Concen: 45.439 ng
RT: 10.022 min Scan# 1349
Delta R.T. -0.012 min
Lab File: BF136669.D
Acq: 21 Dec 2023 14:18

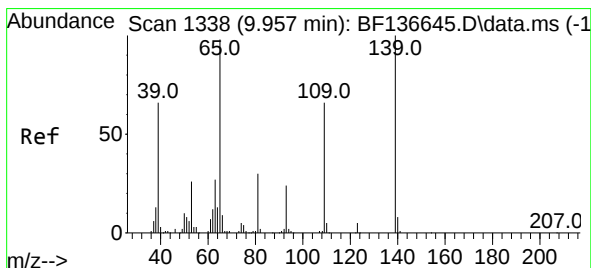
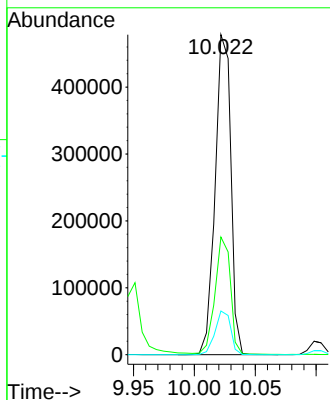
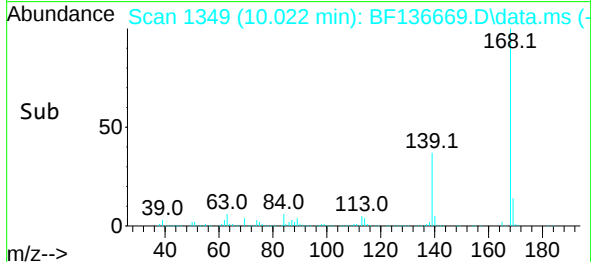
Instrument :
BNA_F
ClientSampleId :
SPRING-VALLEY-TP-3MSD



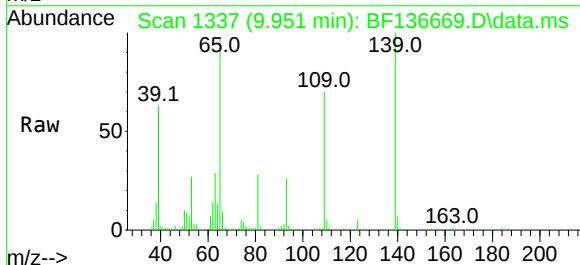
Tgt Ion:168 Resp: 42915
Ion Ratio Lower Upper
168 100
139 36.8 29.3 43.9
169 13.7 11.0 16.4

Manual Integrations
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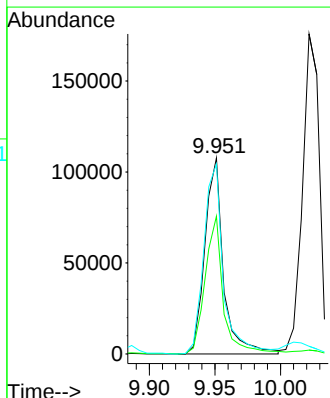
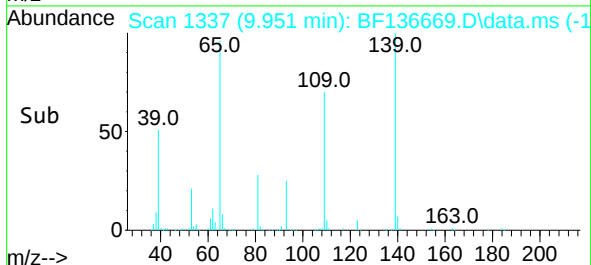
Reviewed By :Yogesh Patel 12/22/2023
Supervised By :mohammad ahmed 12/22/2023

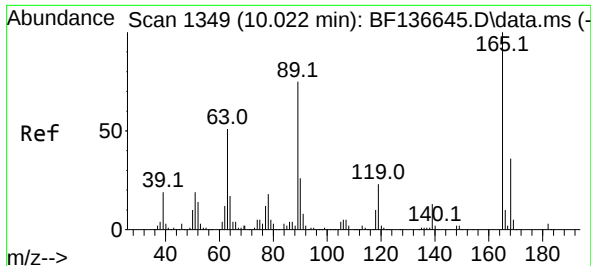


#56
4-Nitrophenol
Concen: 87.342 ng
RT: 9.951 min Scan# 1337
Delta R.T. -0.006 min
Lab File: BF136669.D
Acq: 21 Dec 2023 14:18



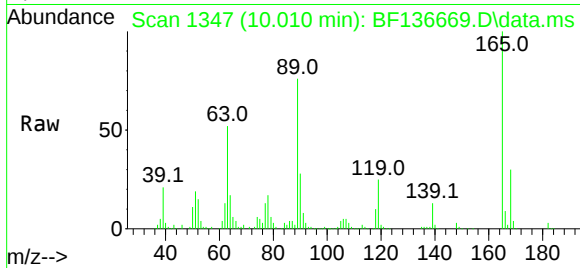
Tgt Ion:139 Resp: 106728
Ion Ratio Lower Upper
139 100
109 70.3 45.8 85.8
65 97.0 77.8 117.8





#57
2,4-Dinitrotoluene
Concen: 42.123 ng
RT: 10.010 min Scan# 11
Delta R.T. -0.012 min
Lab File: BF136669.D
Acq: 21 Dec 2023 14:18

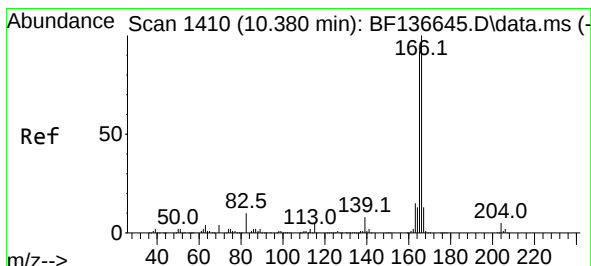
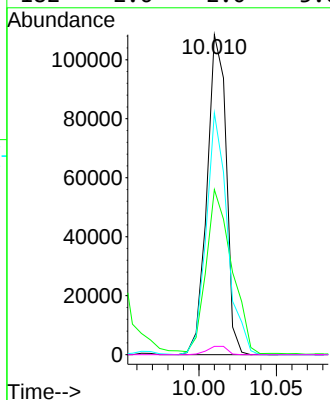
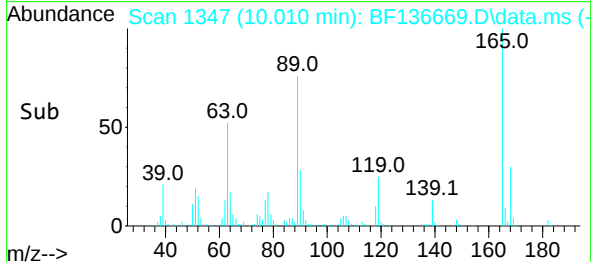
Instrument :
BNA_F
ClientSampleId :
SPRING-VALLEY-TP-3MSD



Tgt Ion:165 Resp: 9344
Ion Ratio Lower Upper
165 100
63 51.6 41.0 61.6
89 75.6 59.9 89.9
182 2.6 2.0 3.0

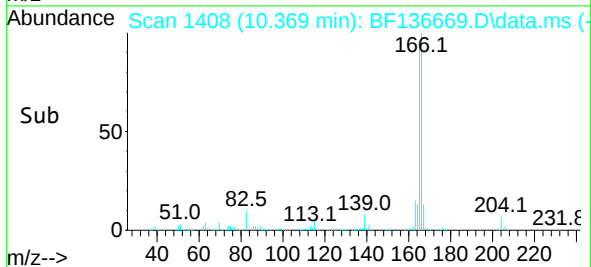
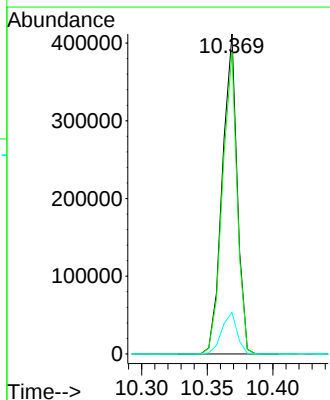
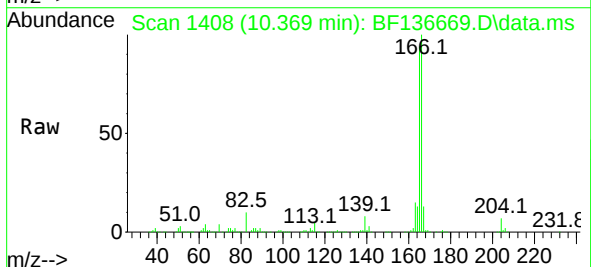
Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 12/22/2023
Supervised By :mohammad ahmed 12/22/2023



#58
Fluorene
Concen: 43.062 ng
RT: 10.369 min Scan# 1408
Delta R.T. -0.012 min
Lab File: BF136669.D
Acq: 21 Dec 2023 14:18

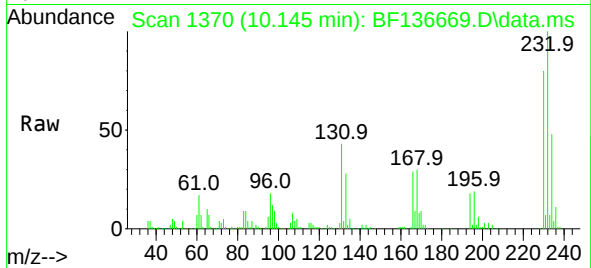
Tgt Ion:166 Resp: 322708
Ion Ratio Lower Upper
166 100
165 94.2 73.7 110.5
167 13.0 10.4 15.6





#59
2,3,4,6-Tetrachlorophenol
Concen: 45.496 ng
RT: 10.145 min Scan# 1370
Delta R.T. -0.012 min
Lab File: BF136669.D
Acq: 21 Dec 2023 14:18

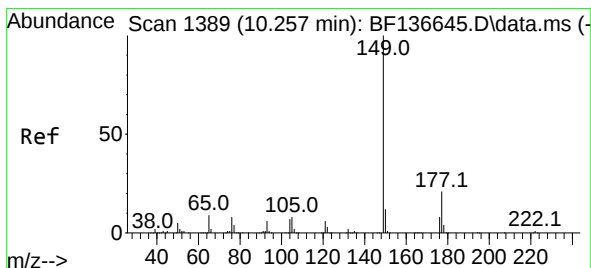
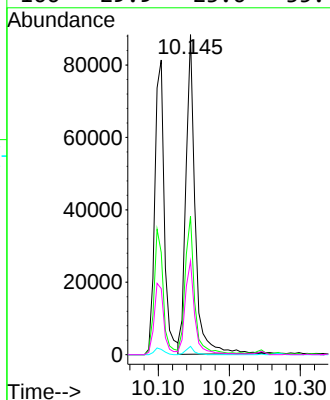
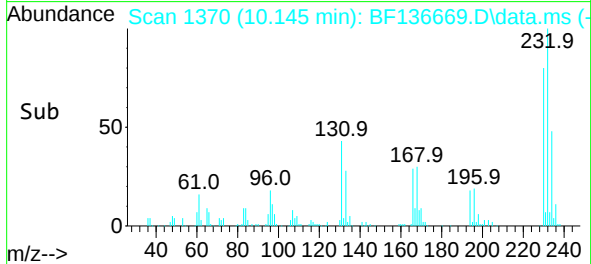
Instrument :
BNA_F
ClientSampleId :
SPRING-VALLEY-TP-3MSD



Tgt Ion:232 Resp: 7990
Ion Ratio Lower Upper
232 100
131 42.7 35.1 52.7
130 2.3 1.6 2.4
166 29.9 23.6 35.4

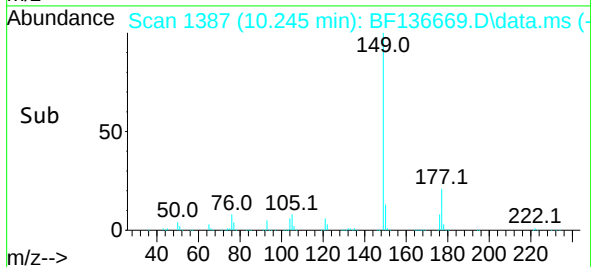
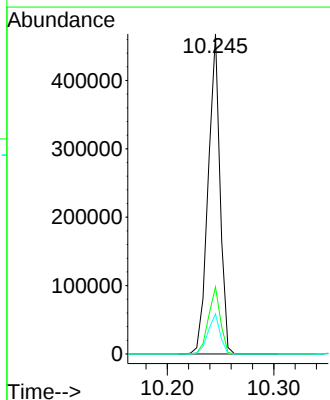
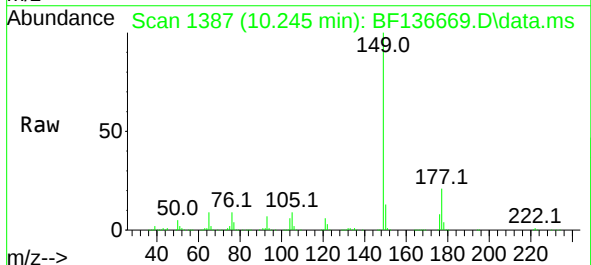
Manual Integrations
APPROVED

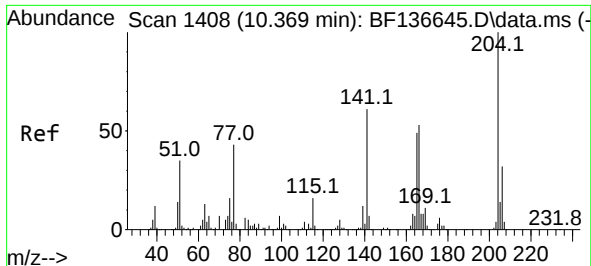
Reviewed By :Yogesh Patel 12/22/2023
Supervised By :mohammad ahmed 12/22/2023



#60
Diethylphthalate
Concen: 46.427 ng
RT: 10.245 min Scan# 1387
Delta R.T. -0.012 min
Lab File: BF136669.D
Acq: 21 Dec 2023 14:18

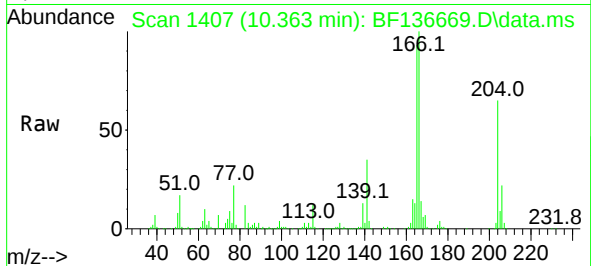
Tgt Ion:149 Resp: 362689
Ion Ratio Lower Upper
149 100
177 21.0 16.9 25.3
150 12.6 9.3 13.9





#61
4-Chlorophenyl-phenylether
Concen: 43.423 ng
RT: 10.363 min Scan# 1408
Delta R.T. -0.006 min
Lab File: BF136669.D
Acq: 21 Dec 2023 14:18

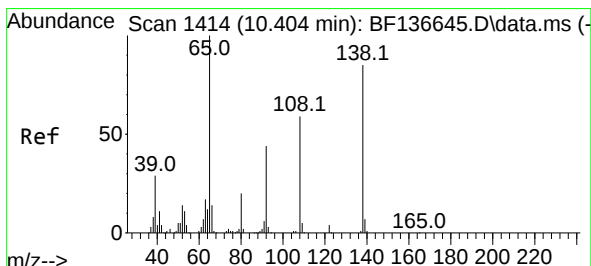
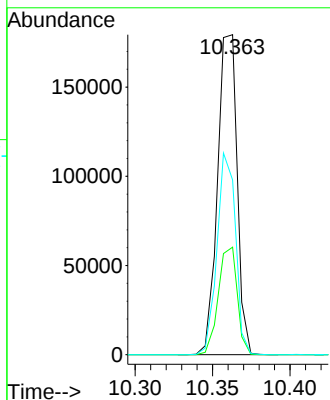
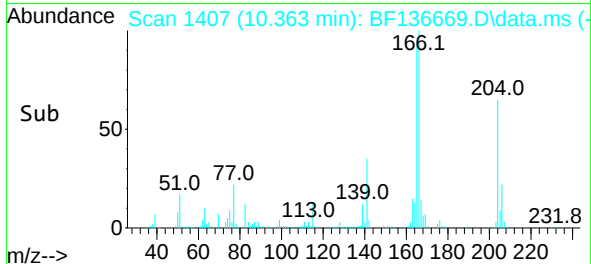
Instrument :
BNA_F
ClientSampleId :
SPRING-VALLEY-TP-3MSD



Tgt Ion:204 Resp: 158170
Ion Ratio Lower Upper
204 100
206 33.6 25.6 38.4
141 54.6 48.4 72.6

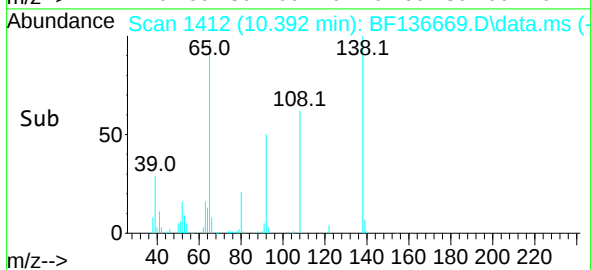
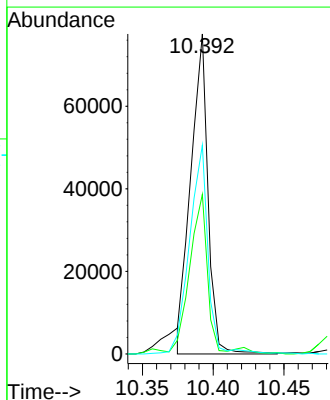
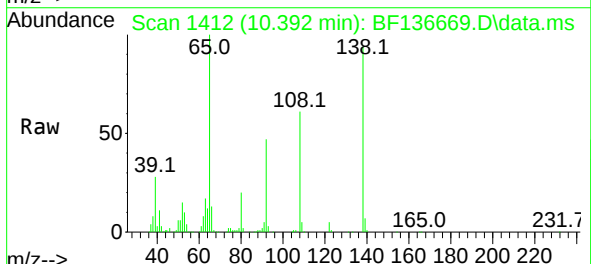
Manual Integrations
APPROVED

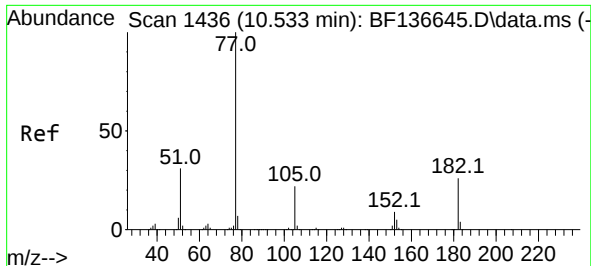
Reviewed By :Yogesh Patel 12/22/2023
Supervised By :mohammad ahmed 12/22/2023



#62
4-Nitroaniline
Concen: 37.608 ng m
RT: 10.392 min Scan# 1412
Delta R.T. -0.012 min
Lab File: BF136669.D
Acq: 21 Dec 2023 14:18

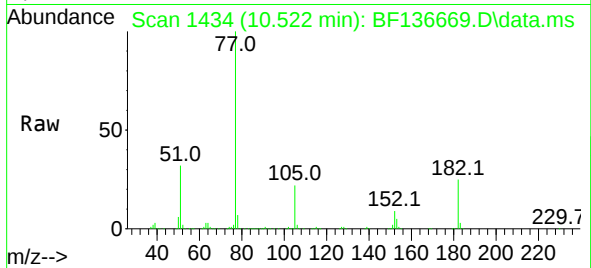
Tgt Ion:138 Resp: 65627
Ion Ratio Lower Upper
138 100
92 49.9 32.1 72.1
108 65.2 50.1 90.1





#63
Azobenzene
Concen: 42.686 ng
RT: 10.522 min Scan# 1436
Delta R.T. -0.012 min
Lab File: BF136669.D
Acq: 21 Dec 2023 14:18

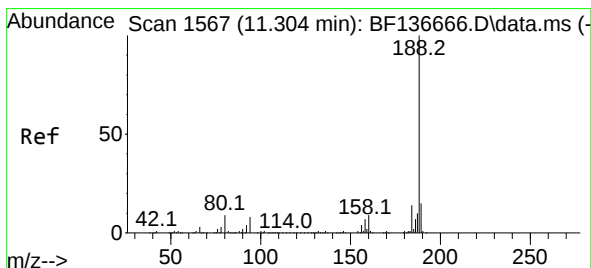
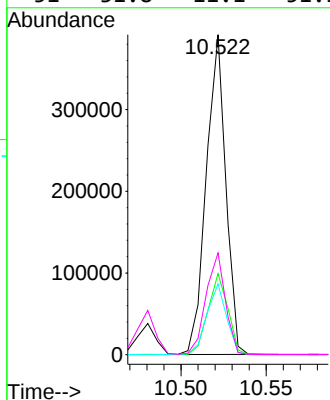
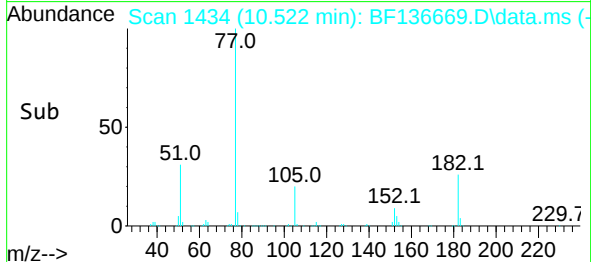
Instrument :
BNA_F
ClientSampleId :
SPRING-VALLEY-TP-3MSD



Tgt Ion: 77 Resp: 311458
Ion Ratio Lower Upper
77 100
182 25.4 6.0 46.0
105 22.1 2.3 42.3
51 31.8 11.1 51.1

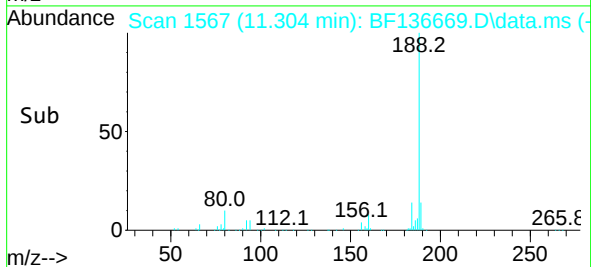
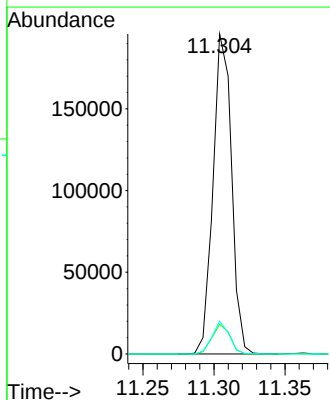
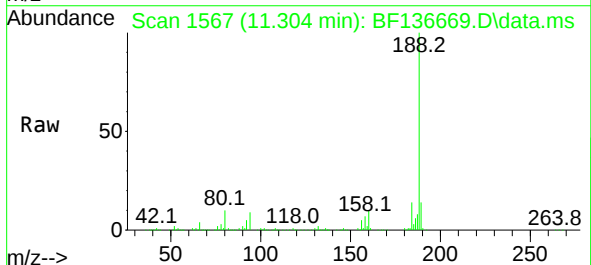
Manual Integrations
APPROVED

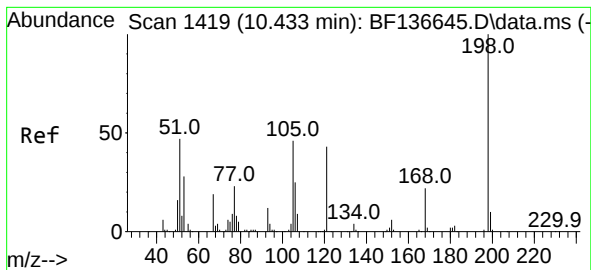
Reviewed By :Yogesh Patel 12/22/2023
Supervised By :mohammad ahmed 12/22/2023



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.304 min Scan# 1567
Delta R.T. -0.012 min
Lab File: BF136669.D
Acq: 21 Dec 2023 14:18

Tgt Ion:188 Resp: 177016
Ion Ratio Lower Upper
188 100
94 9.3 7.5 11.3
80 10.3 8.1 12.1





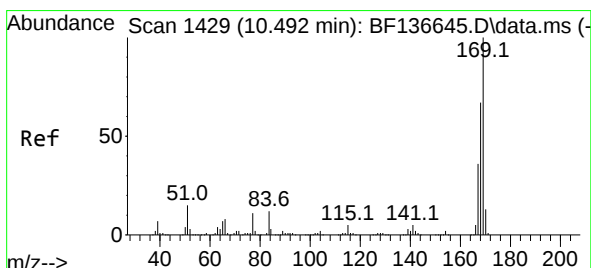
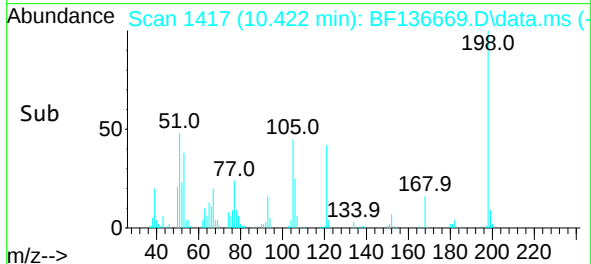
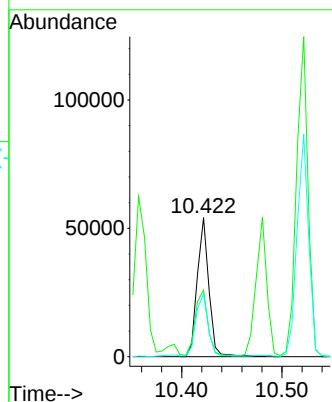
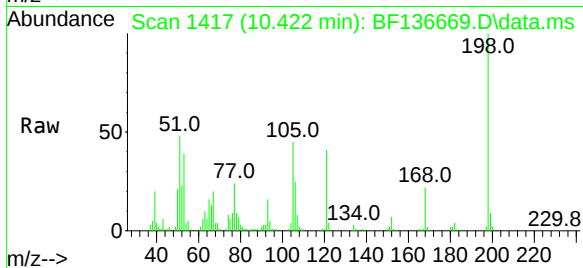
#65
4,6-Dinitro-2-methylphenol
Concen: 43.112 ng
RT: 10.422 min Scan# 1419
Delta R.T. -0.012 min
Lab File: BF136669.D
Acq: 21 Dec 2023 14:18

Instrument :
BNA_F
ClientSampleId :
SPRING-VALLEY-TP-3MSD

Tgt Ion:198 Resp: 43730
Ion Ratio Lower Upper
198 100
51 47.9 34.1 74.1
105 44.9 27.3 67.3

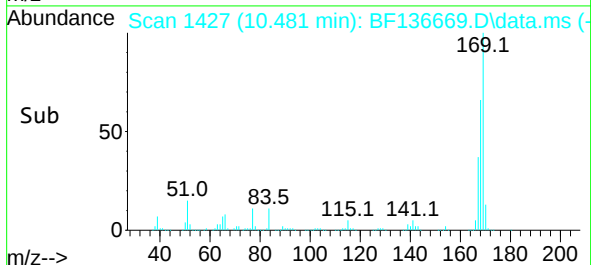
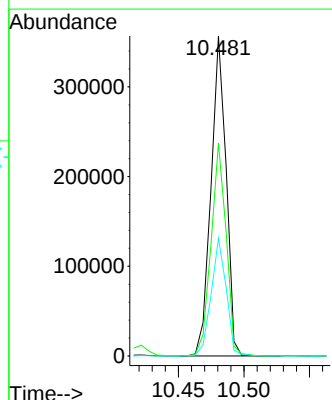
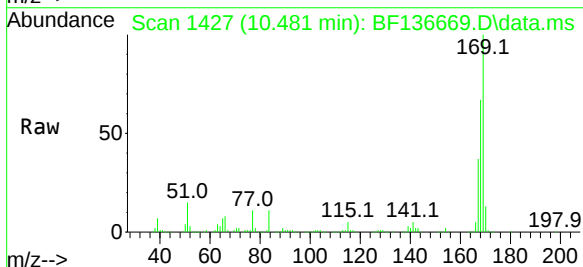
Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 12/22/2023
Supervised By :mohammad ahmed 12/22/2023



#66
n-Nitrosodiphenylamine
Concen: 49.681 ng
RT: 10.481 min Scan# 1427
Delta R.T. -0.012 min
Lab File: BF136669.D
Acq: 21 Dec 2023 14:18

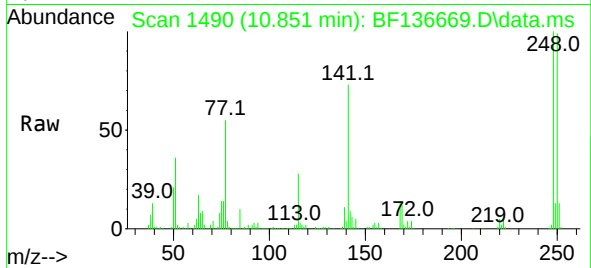
Tgt Ion:169 Resp: 285678
Ion Ratio Lower Upper
169 100
168 66.5 53.8 80.6
167 36.7 28.7 43.1





#67
4-Bromophenyl-phenylether
Concen: 46.085 ng
RT: 10.851 min Scan# 1492
Delta R.T. -0.012 min
Lab File: BF136669.D
Acq: 21 Dec 2023 14:18

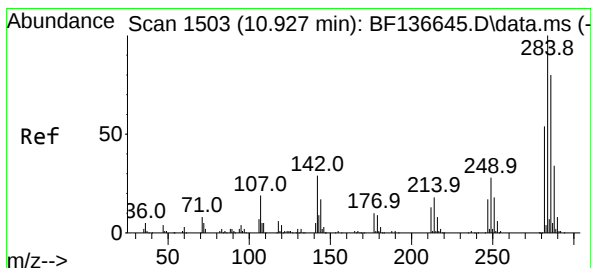
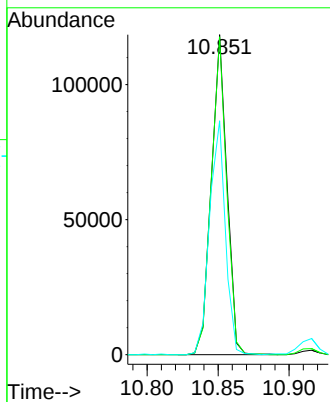
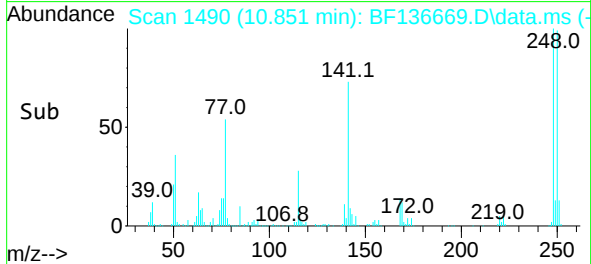
Instrument :
BNA_F
ClientSampleId :
SPRING-VALLEY-TP-3MSD



Tgt Ion:248 Resp: 90599
Ion Ratio Lower Upper
248 100
250 99.4 77.8 116.6
141 73.1 59.2 88.8

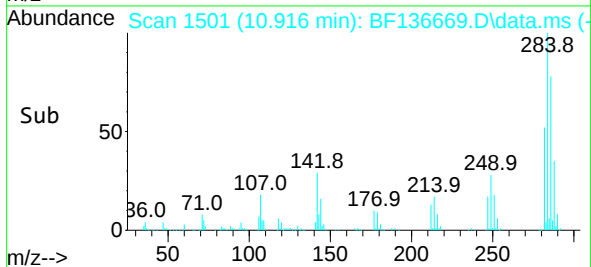
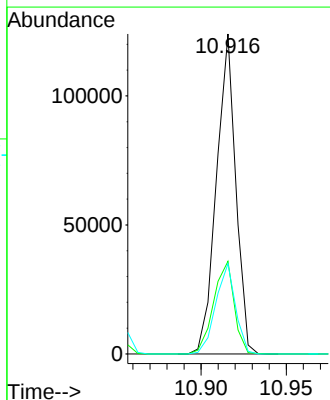
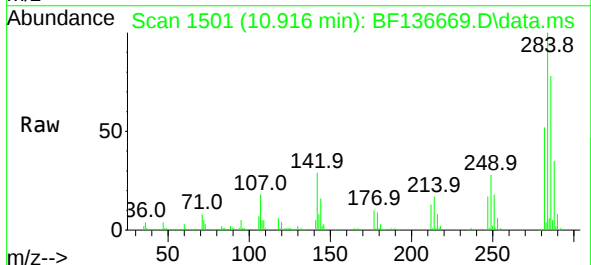
Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 12/22/2023
Supervised By :mohammad ahmed 12/22/2023



#68
Hexachlorobenzene
Concen: 44.680 ng
RT: 10.916 min Scan# 1501
Delta R.T. -0.012 min
Lab File: BF136669.D
Acq: 21 Dec 2023 14:18

Tgt Ion:284 Resp: 97885
Ion Ratio Lower Upper
284 100
142 28.9 23.4 35.0
249 28.2 22.3 33.5





#69

Atrazine

Concen: 60.877 ng

RT: 11.016 min Scan# 11016

Delta R.T. -0.006 min

Lab File: BF136669.D

Acq: 21 Dec 2023 14:18

Instrument :

BNA_F

ClientSampleId :

SPRING-VALLEY-TP-3MSD

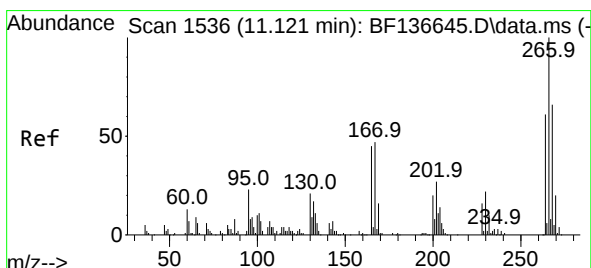
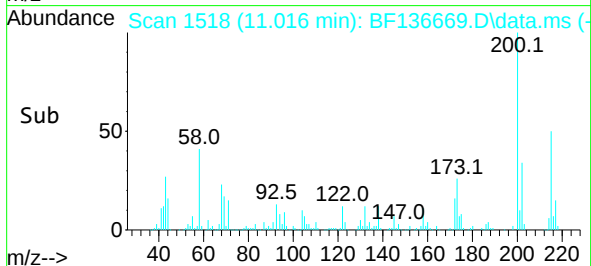
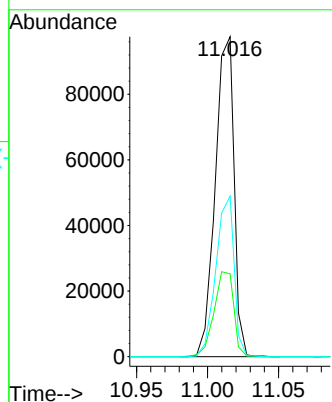
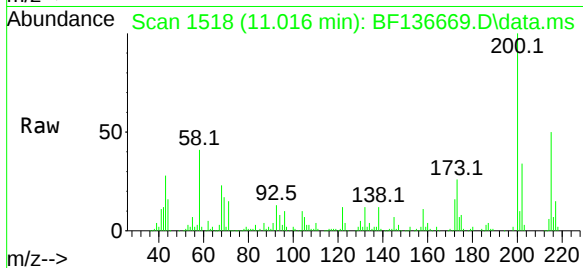
Tgt Ion:200 Resp: 89538
Ion Ratio Lower Upper
200 100
173 25.9 7.6 47.6
215 50.2 28.3 68.3

Manual Integrations

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Reviewed By :Yogesh Patel 12/22/2023

Supervised By :mohammad ahmed 12/22/2023



#70

Pentachlorophenol

Concen: 99.010 ng

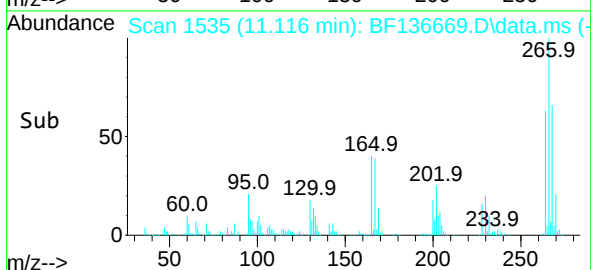
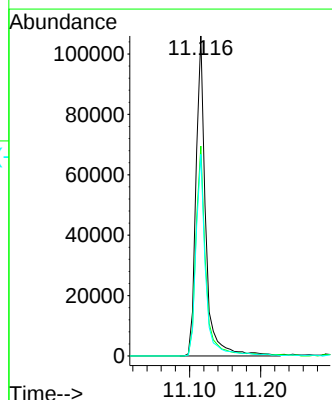
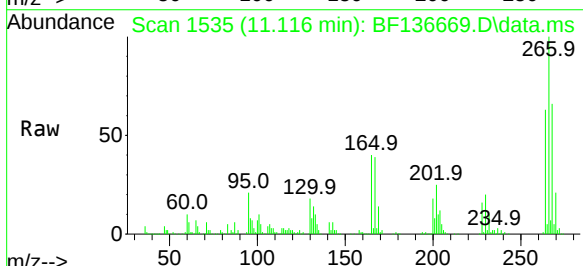
RT: 11.116 min Scan# 1535

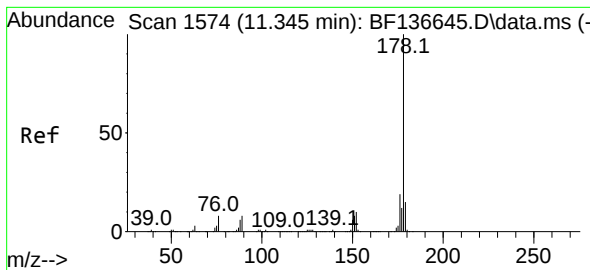
Delta R.T. -0.006 min

Lab File: BF136669.D

Acq: 21 Dec 2023 14:18

Tgt Ion:266 Resp: 101105
Ion Ratio Lower Upper
266 100
268 65.6 52.6 78.8
264 63.0 49.0 73.4





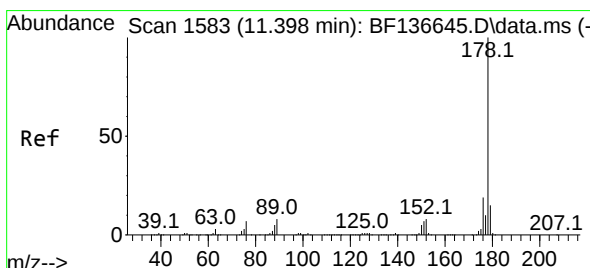
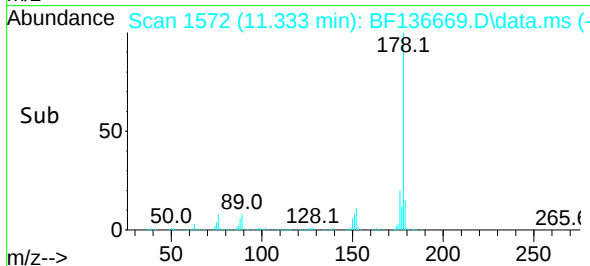
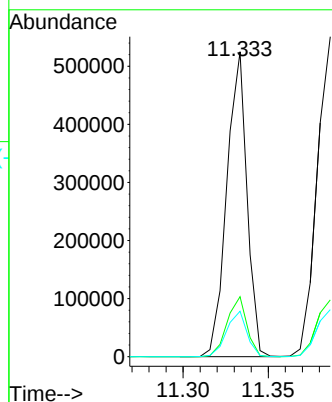
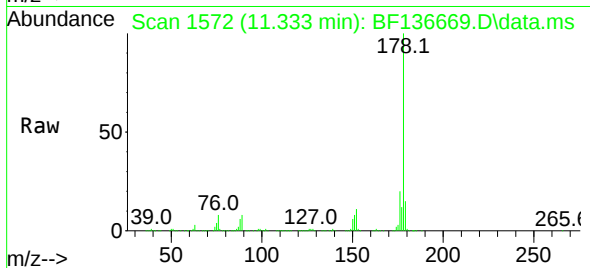
#71
Phenanthrene
Concen: 47.695 ng
RT: 11.333 min Scan# 11
Delta R.T. -0.012 min
Lab File: BF136669.D
Acq: 21 Dec 2023 14:18

Instrument :
BNA_F
ClientSampleId :
SPRING-VALLEY-TP-3MSD

Tgt Ion:178 Resp: 43320
Ion Ratio Lower Upper
178 100
176 19.7 15.3 22.9
179 14.9 11.9 17.9

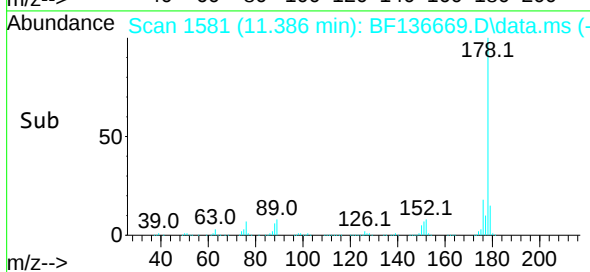
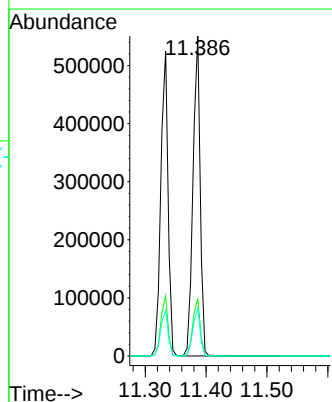
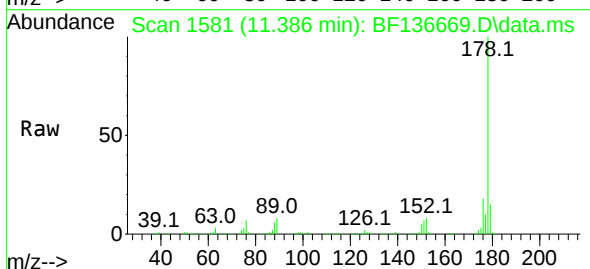
Manual Integrations
APPROVED

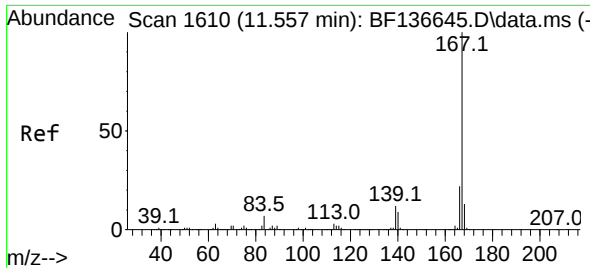
Reviewed By :Yogesh Patel 12/22/2023
Supervised By :mohammad ahmed 12/22/2023



#72
Anthracene
Concen: 48.921 ng
RT: 11.386 min Scan# 1581
Delta R.T. -0.012 min
Lab File: BF136669.D
Acq: 21 Dec 2023 14:18

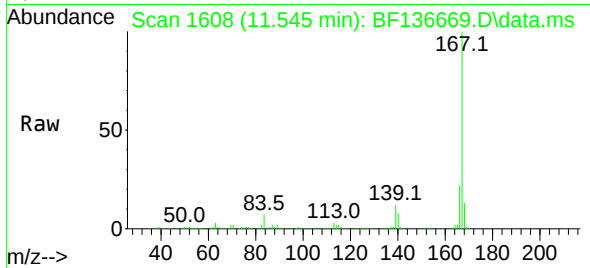
Tgt Ion:178 Resp: 449998
Ion Ratio Lower Upper
178 100
176 17.8 14.9 22.3
179 14.7 11.8 17.6





#73
 Carbazole
 Concen: 47.291 ng
 RT: 11.545 min Scan# 1608
 Delta R.T. -0.012 min
 Lab File: BF136669.D
 Acq: 21 Dec 2023 14:18

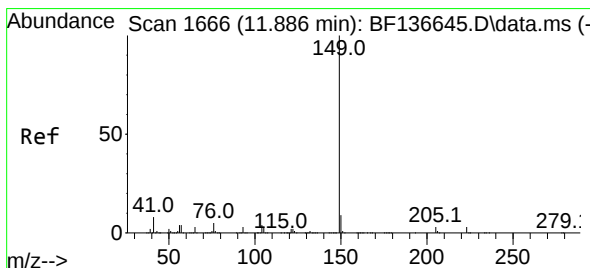
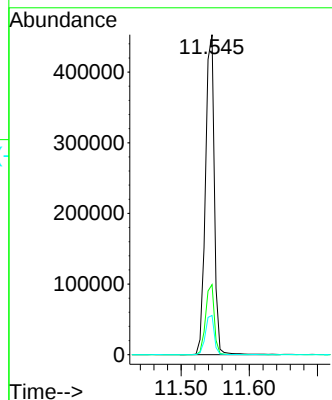
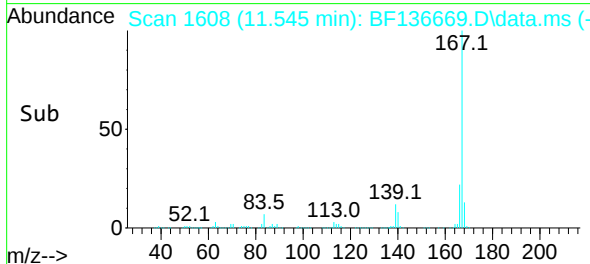
Instrument :
 BNA_F
 ClientSampleId :
 SPRING-VALLEY-TP-3MSD



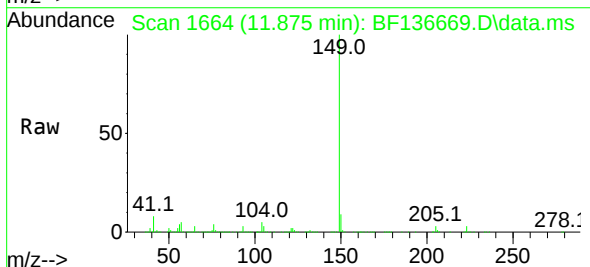
Tgt Ion:167 Resp: 410132
 Ion Ratio Lower Upper
 167 100
 166 21.9 17.3 25.9
 139 12.3 9.8 14.6

Manual Integrations
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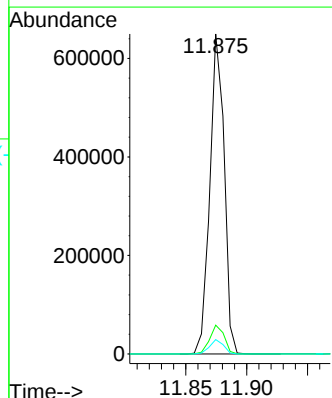
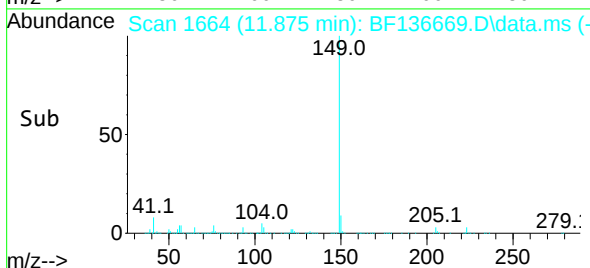
Reviewed By :Yogesh Patel 12/22/2023
 Supervised By :mohammad ahmed 12/22/2023



#74
 Di-n-butylphthalate
 Concen: 50.202 ng
 RT: 11.875 min Scan# 1664
 Delta R.T. -0.012 min
 Lab File: BF136669.D
 Acq: 21 Dec 2023 14:18



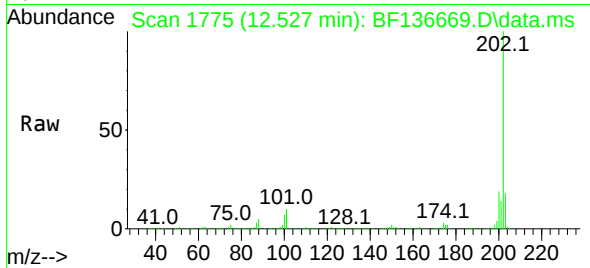
Tgt Ion:149 Resp: 531267
 Ion Ratio Lower Upper
 149 100
 150 9.0 7.4 11.2
 104 4.5 3.6 5.4





#75
Fluoranthene
Concen: 50.612 ng
RT: 12.527 min Scan# 11
Delta R.T. -0.012 min
Lab File: BF136669.D
Acq: 21 Dec 2023 14:18

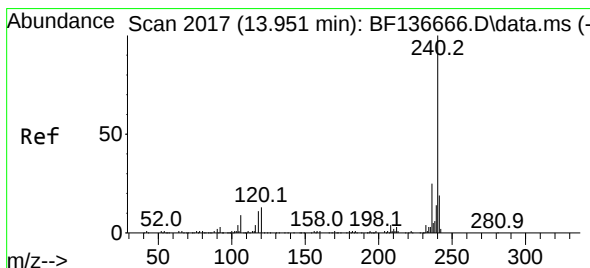
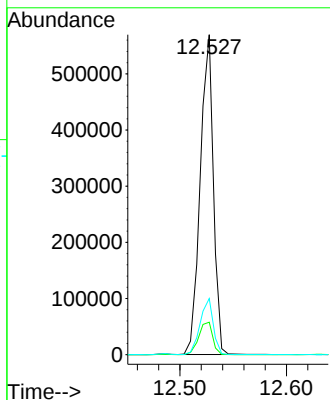
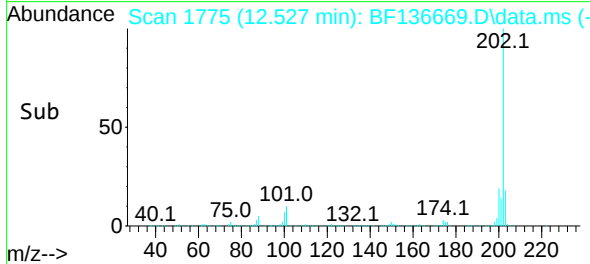
Instrument :
BNA_F
ClientSampleId :
SPRING-VALLEY-TP-3MSD



Tgt Ion:202 Resp: 49172
Ion Ratio Lower Upper
202 100
101 10.1 0.0 29.3
203 17.5 0.0 37.1

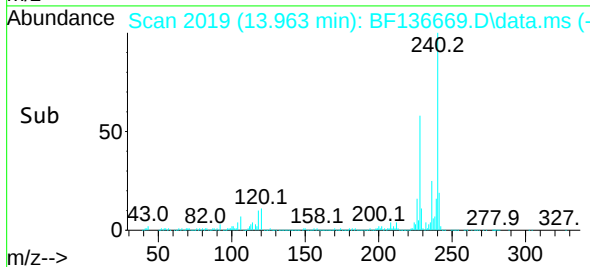
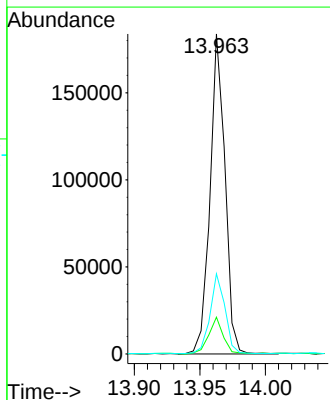
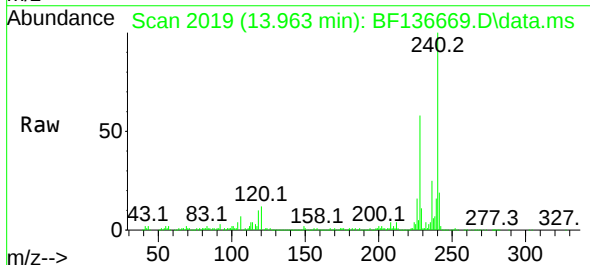
Manual Integrations
APPROVED

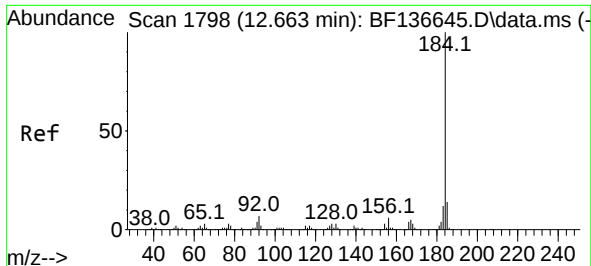
Reviewed By :Yogesh Patel 12/22/2023
Supervised By :mohammad ahmed 12/22/2023



#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.963 min Scan# 2019
Delta R.T. -0.006 min
Lab File: BF136669.D
Acq: 21 Dec 2023 14:18

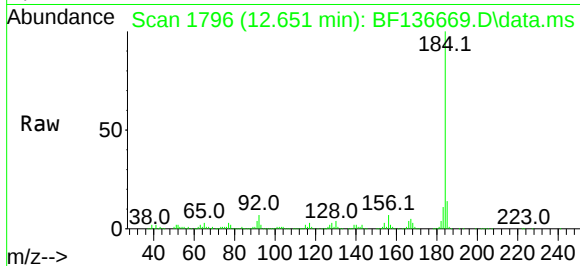
Tgt Ion:240 Resp: 145976
Ion Ratio Lower Upper
240 100
120 11.5 10.3 15.5
236 25.1 19.4 29.2





#77
Benzidine
Concen: 39.271 ng
RT: 12.651 min Scan# 11
Delta R.T. -0.012 min
Lab File: BF136669.D
Acq: 21 Dec 2023 14:18

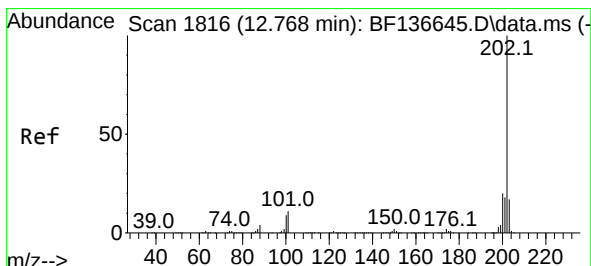
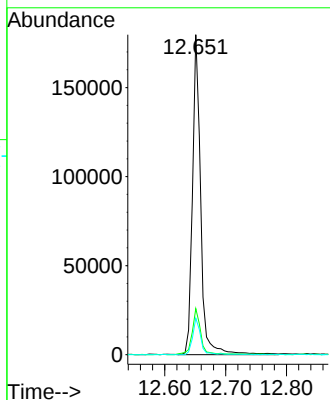
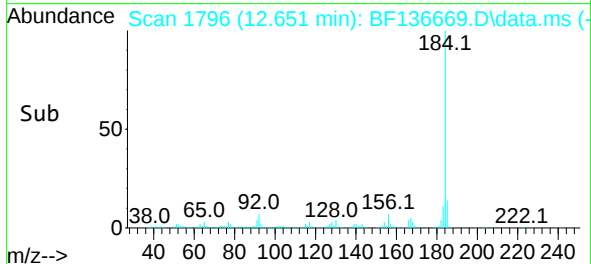
Instrument :
BNA_F
ClientSampleId :
SPRING-VALLEY-TP-3MSD



Tgt Ion:184 Resp: 169030
Ion Ratio Lower Upper
184 100
185 14.4 11.2 16.8
183 11.4 9.3 13.9

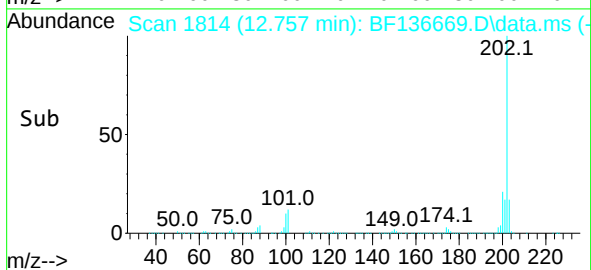
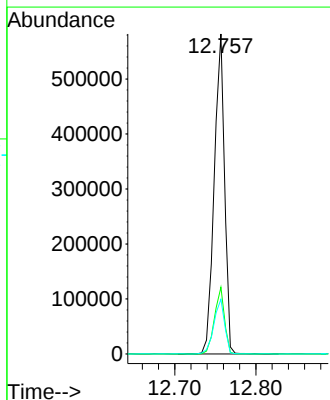
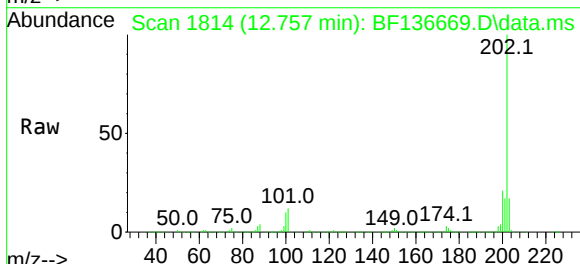
Manual Integrations
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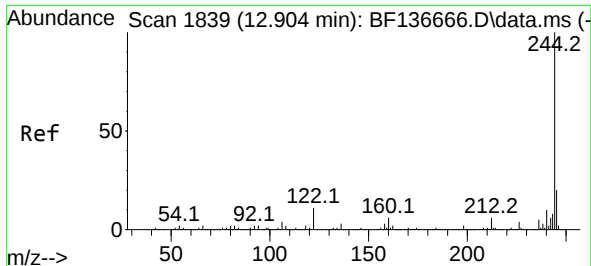
Reviewed By :Yogesh Patel 12/22/2023
Supervised By :mohammad ahmed 12/22/2023



#78
Pyrene
Concen: 35.838 ng
RT: 12.757 min Scan# 1814
Delta R.T. -0.012 min
Lab File: BF136669.D
Acq: 21 Dec 2023 14:18

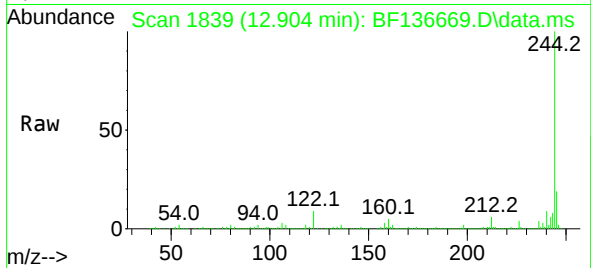
Tgt Ion:202 Resp: 513557
Ion Ratio Lower Upper
202 100
200 20.9 15.9 23.9
203 17.1 13.8 20.6





#79
 Terphenyl-d14
 Concen: 52.469 ng
 RT: 12.904 min Scan# 1839
 Delta R.T. -0.012 min
 Lab File: BF136669.D
 Acq: 21 Dec 2023 14:18

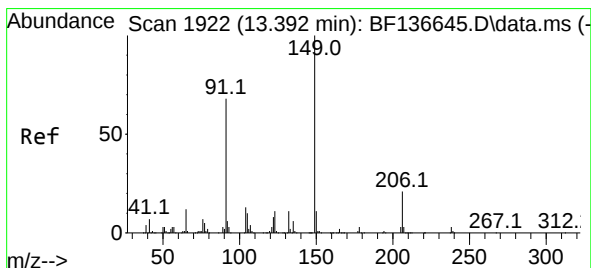
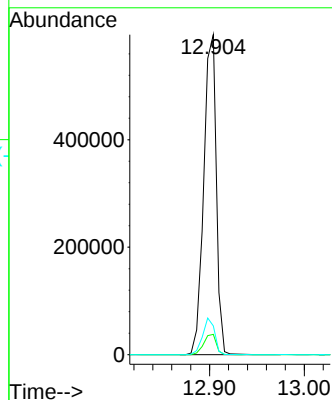
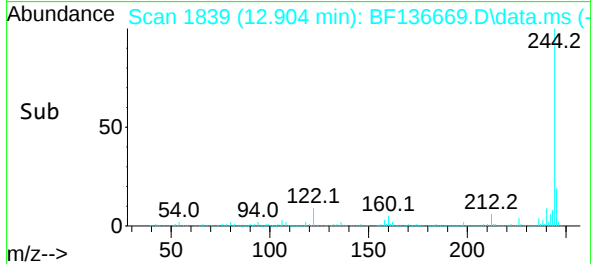
Instrument : BNA_F
 ClientSampleId :
 SPRING-VALLEY-TP-3MSD



Tgt Ion:244 Resp: 548074
 Ion Ratio Lower Upper
 244 100
 212 6.3 5.0 7.4
 122 9.0 9.0 13.4

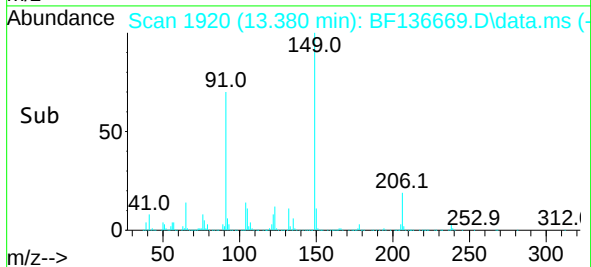
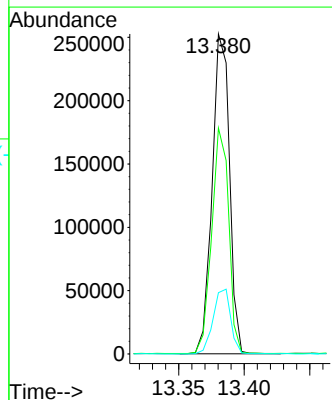
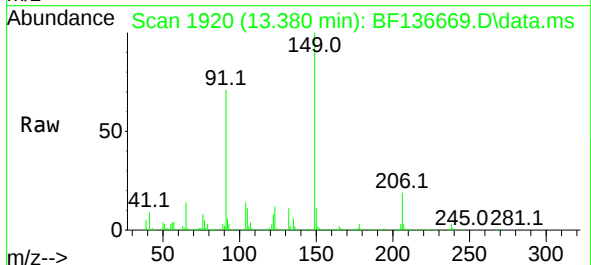
Manual Integrations
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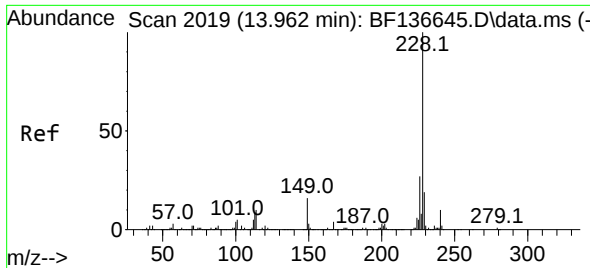
Reviewed By :Yogesh Patel 12/22/2023
 Supervised By :mohammad ahmed 12/22/2023



#80
 Butylbenzylphthalate
 Concen: 44.417 ng
 RT: 13.380 min Scan# 1920
 Delta R.T. -0.012 min
 Lab File: BF136669.D
 Acq: 21 Dec 2023 14:18

Tgt Ion:149 Resp: 231602
 Ion Ratio Lower Upper
 149 100
 91 70.6 54.1 81.1
 206 19.1 17.1 25.7





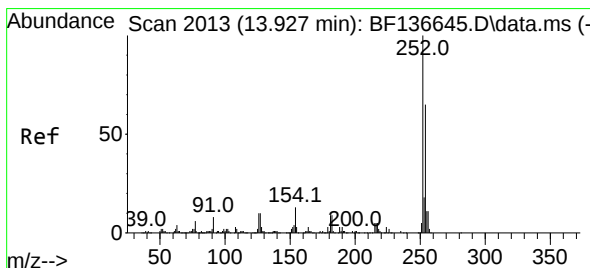
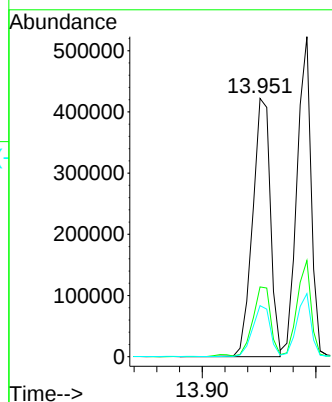
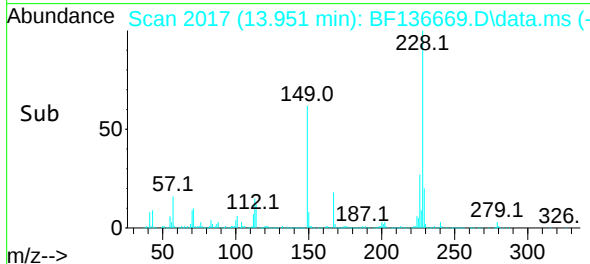
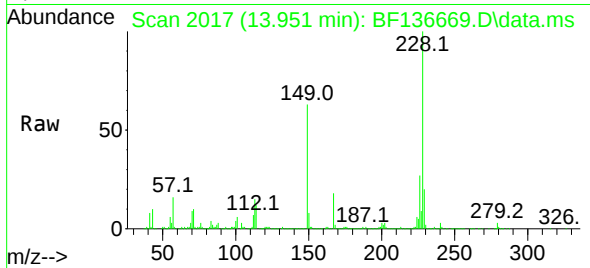
#81
Benzo(a)anthracene
Concen: 45.322 ng
RT: 13.951 min Scan# 2010
Delta R.T. -0.012 min
Lab File: BF136669.D
Acq: 21 Dec 2023 14:18

Instrument :
BNA_F
ClientSampleId :
SPRING-VALLEY-TP-3MSD

Tgt Ion:228 Resp: 45940
Ion Ratio Lower Upper
228 100
226 27.0 21.4 32.0
229 19.8 14.9 22.3

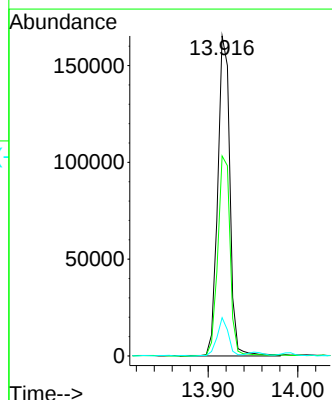
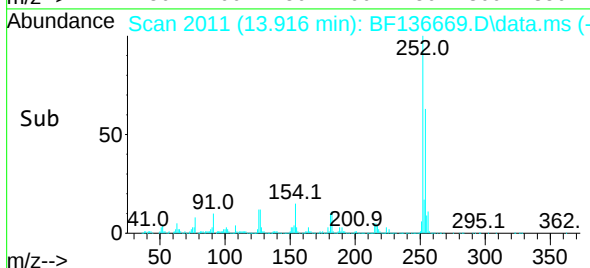
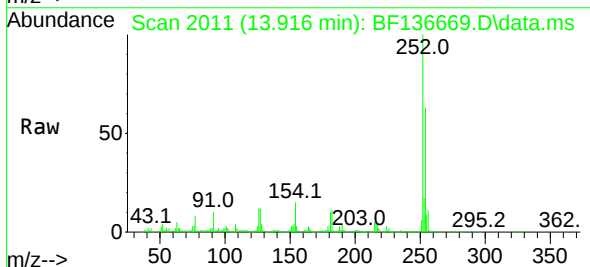
Manual Integrations
APPROVED

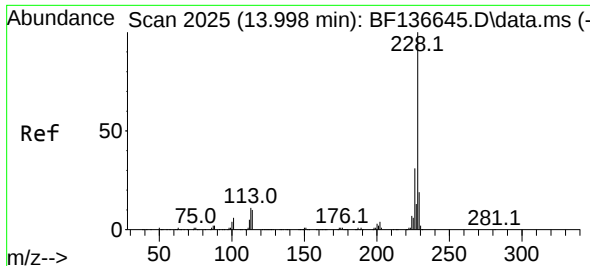
Reviewed By :Yogesh Patel 12/22/2023
Supervised By :mohammad ahmed 12/22/2023



#82
3,3'-Dichlorobenzidine
Concen: 54.035 ng
RT: 13.916 min Scan# 2011
Delta R.T. -0.012 min
Lab File: BF136669.D
Acq: 21 Dec 2023 14:18

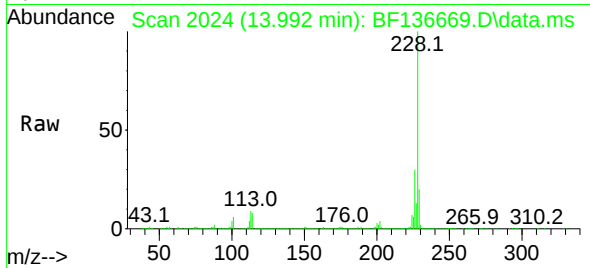
Tgt Ion:252 Resp: 155549
Ion Ratio Lower Upper
252 100
254 62.5 52.2 78.4
126 11.9 8.0 12.0





#83
Chrysene
Concen: 45.614 ng
RT: 13.992 min Scan# 2016
Delta R.T. -0.006 min
Lab File: BF136669.D
Acq: 21 Dec 2023 14:18

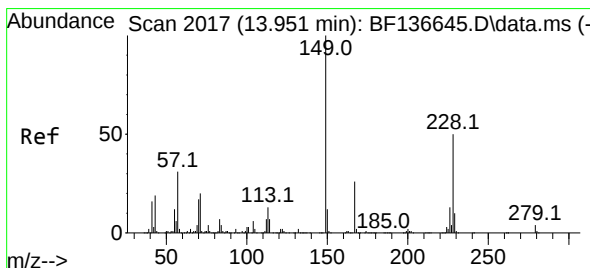
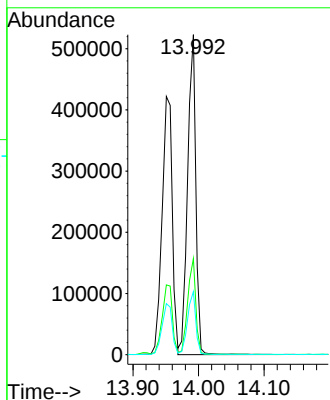
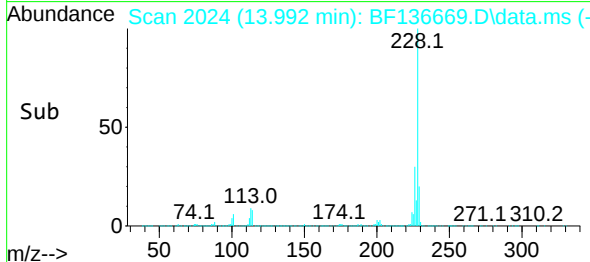
Instrument :
BNA_F
ClientSampleId :
SPRING-VALLEY-TP-3MSD



Tgt Ion:228 Resp: 45214
Ion Ratio Lower Upper
228 100
226 30.1 24.7 37.1
229 19.7 15.4 23.0

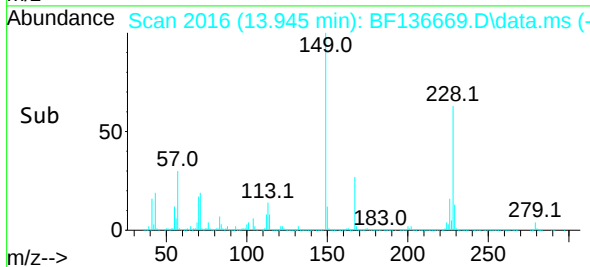
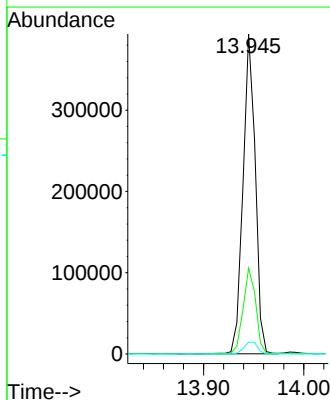
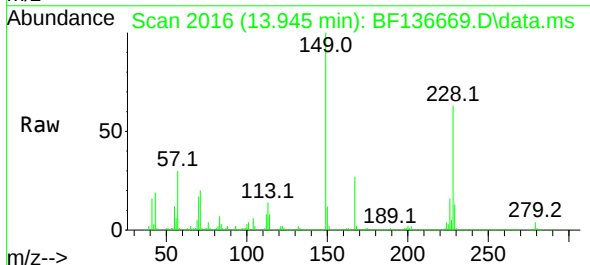
Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 12/22/2023
Supervised By :mohammad ahmed 12/22/2023



#84
Bis(2-ethylhexyl)phthalate
Concen: 51.205 ng
RT: 13.945 min Scan# 2016
Delta R.T. -0.006 min
Lab File: BF136669.D
Acq: 21 Dec 2023 14:18

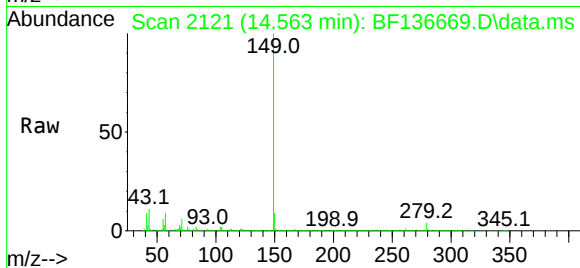
Tgt Ion:149 Resp: 335929
Ion Ratio Lower Upper
149 100
167 26.8 20.9 31.3
279 3.7 2.9 4.3





#85
Di-n-octyl phthalate
Concen: 60.582 ng
RT: 14.563 min Scan# 2122
Delta R.T. -0.006 min
Lab File: BF136669.D
Acq: 21 Dec 2023 14:18

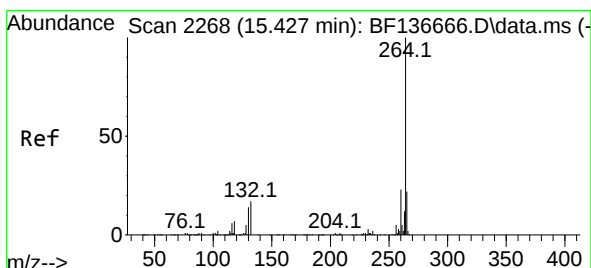
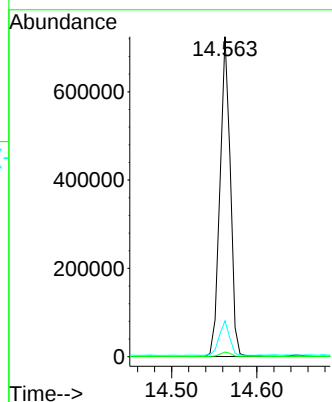
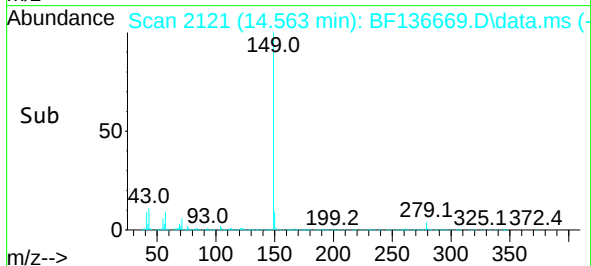
Instrument :
BNA_F
ClientSampleId :
SPRING-VALLEY-TP-3MSD



Tgt Ion:149 Resp: 61479
Ion Ratio Lower Upper
149 100
167 1.6 1.2 1.8
43 10.9 8.9 13.3

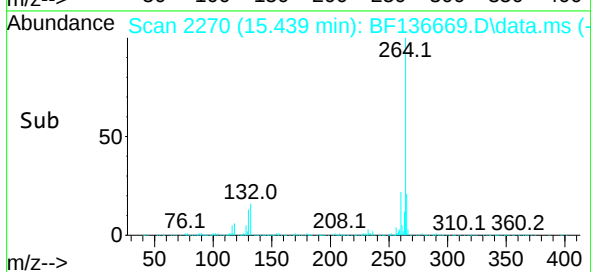
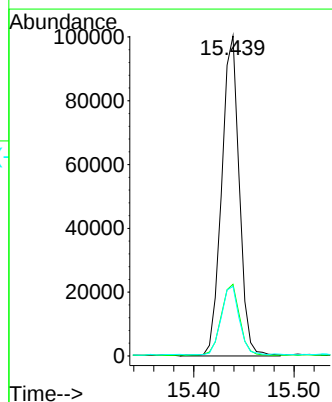
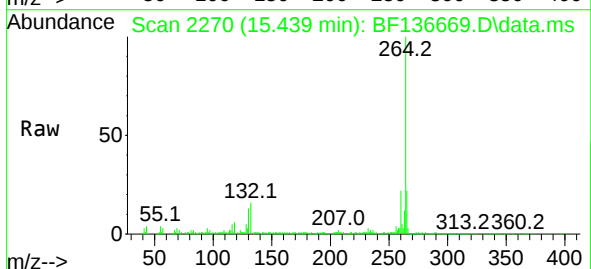
Manual Integrations
APPROVED

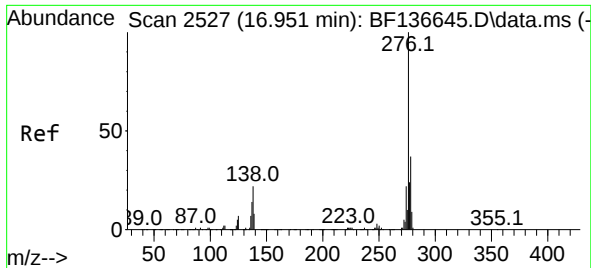
Reviewed By :Yogesh Patel 12/22/2023
Supervised By :mohammad ahmed 12/22/2023



#86
Perylene-d12
Concen: 20.000 ng
RT: 15.439 min Scan# 2270
Delta R.T. -0.006 min
Lab File: BF136669.D
Acq: 21 Dec 2023 14:18

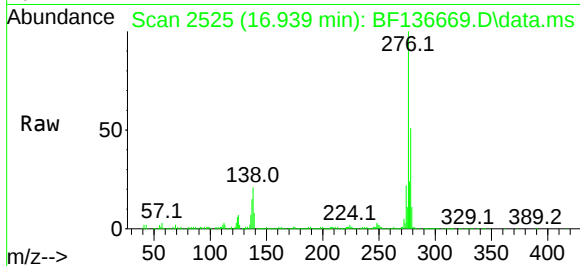
Tgt Ion:264 Resp: 122263
Ion Ratio Lower Upper
264 100
260 22.4 18.3 27.5
265 21.8 17.0 25.6





#87
Indeno(1,2,3-cd)pyrene
Concen: 38.429 ng
RT: 16.939 min Scan# 2197
Delta R.T. -0.012 min
Lab File: BF136669.D
Acq: 21 Dec 2023 14:18

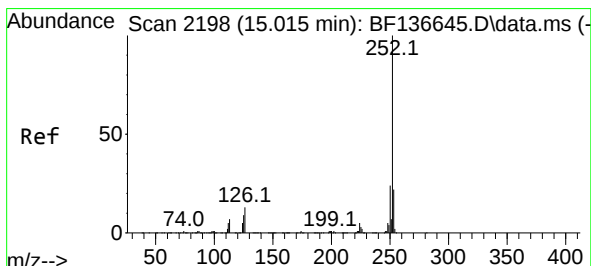
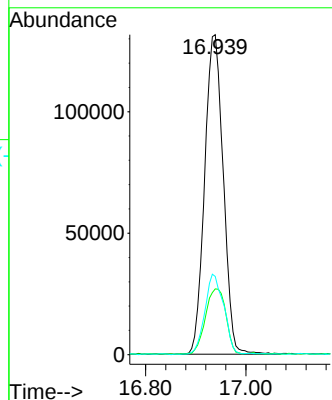
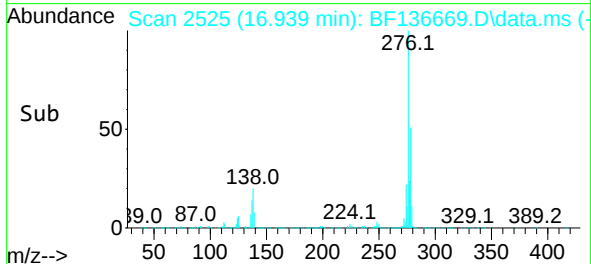
Instrument :
BNA_F
ClientSampleId :
SPRING-VALLEY-TP-3MSD



Tgt Ion:276 Resp: 339234
Ion Ratio Lower Upper
276 100
138 22.5 18.7 28.1
277 25.4 20.2 30.2

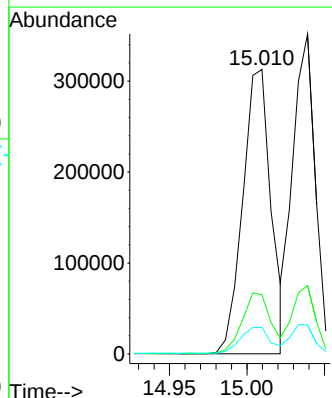
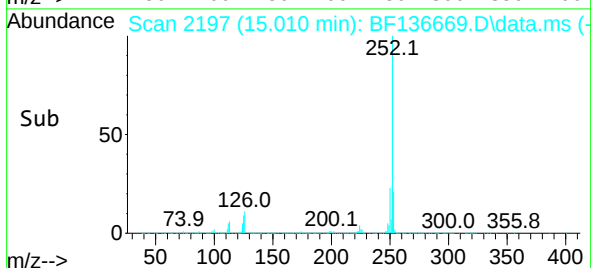
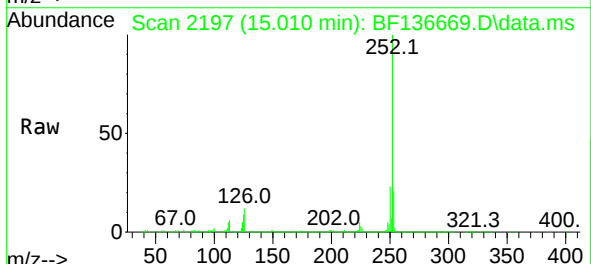
Manual Integrations
APPROVED

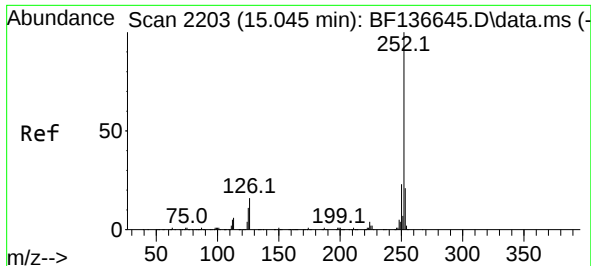
Reviewed By :Yogesh Patel 12/22/2023
Supervised By :mohammad ahmed 12/22/2023



#88
Benzo(b)fluoranthene
Concen: 48.609 ng
RT: 15.010 min Scan# 2197
Delta R.T. -0.006 min
Lab File: BF136669.D
Acq: 21 Dec 2023 14:18

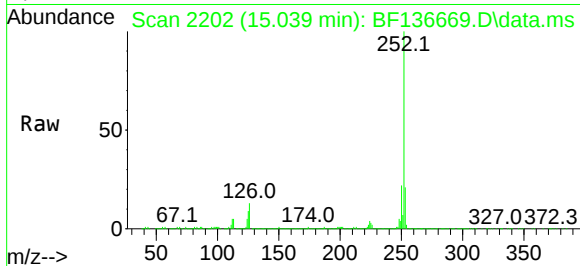
Tgt Ion:252 Resp: 396944
Ion Ratio Lower Upper
252 100
253 20.8 17.4 26.0
125 9.3 7.4 11.2





#89
Benzo(k)fluoranthene
Concen: 46.389 ng
RT: 15.039 min Scan# 21
Delta R.T. -0.006 min
Lab File: BF136669.D
Acq: 21 Dec 2023 14:18

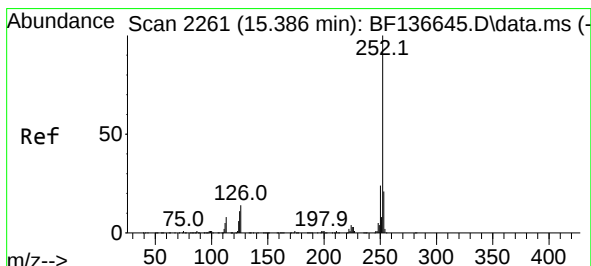
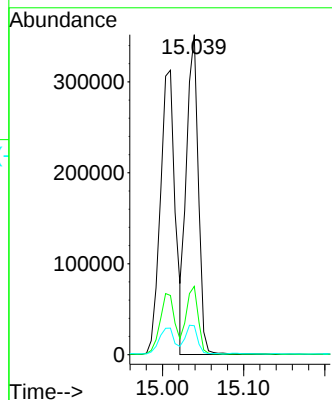
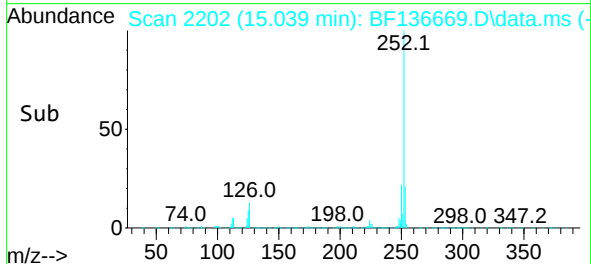
Instrument :
BNA_F
ClientSampleId :
SPRING-VALLEY-TP-3MSD



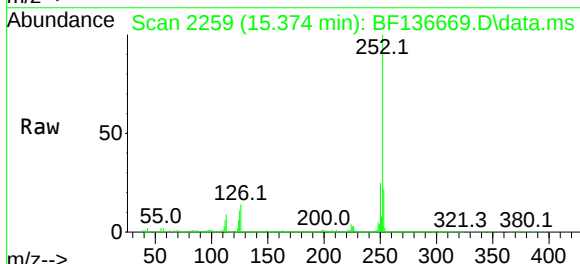
Tgt Ion:252 Resp: 35794
Ion Ratio Lower Upper
252 100
253 21.3 17.0 25.6
125 9.0 8.2 12.4

Manual Integrations
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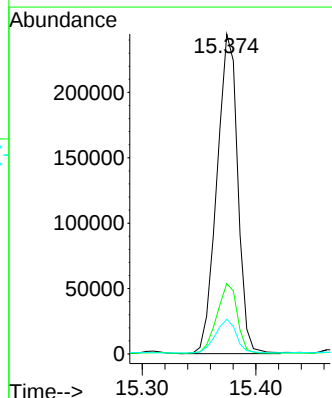
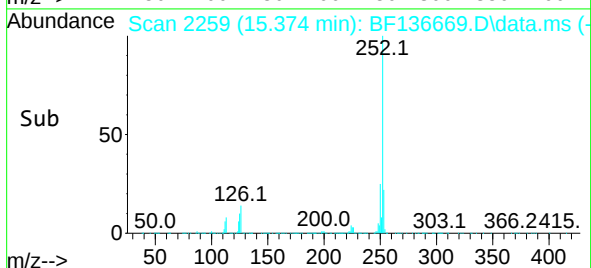
Reviewed By :Yogesh Patel 12/22/2023
Supervised By :mohammad ahmed 12/22/2023

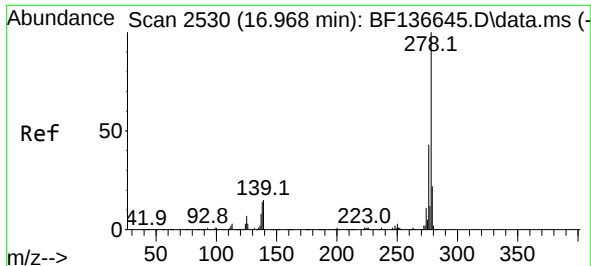


#90
Benzo(a)pyrene
Concen: 45.357 ng
RT: 15.374 min Scan# 2259
Delta R.T. -0.012 min
Lab File: BF136669.D
Acq: 21 Dec 2023 14:18



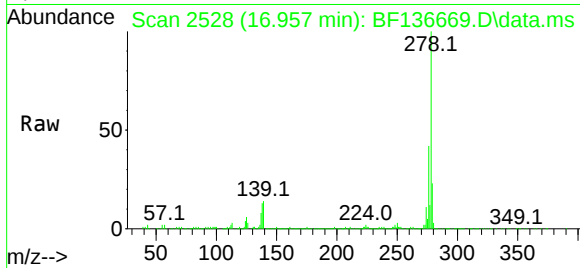
Tgt Ion:252 Resp: 312648
Ion Ratio Lower Upper
252 100
253 22.0 17.0 25.6
125 10.8 8.8 13.2





#91
Dibenzo(a,h)anthracene
Concen: 39.849 ng
RT: 16.957 min Scan# 21
Delta R.T. -0.012 min
Lab File: BF136669.D
Acq: 21 Dec 2023 14:18

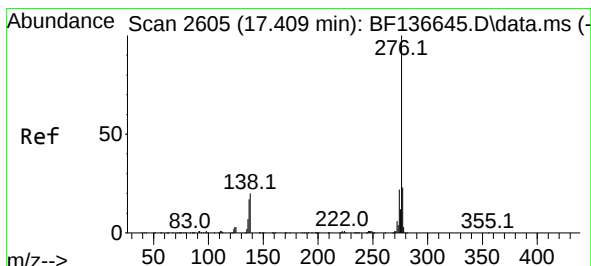
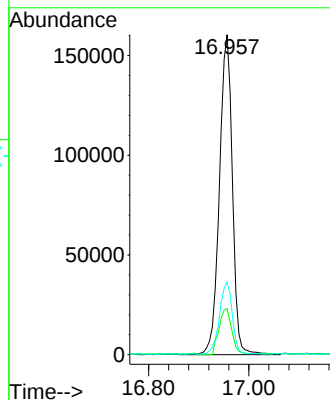
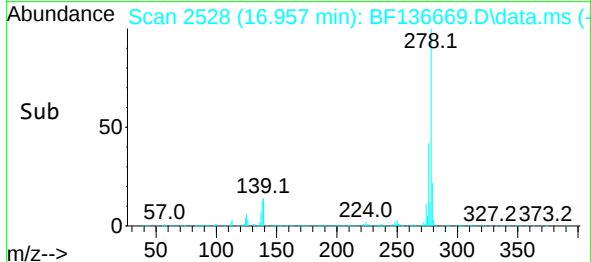
Instrument :
BNA_F
ClientSampleId :
SPRING-VALLEY-TP-3MSD



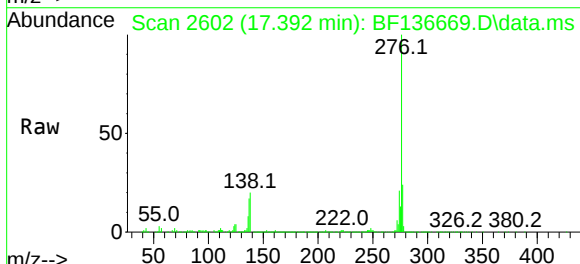
Tgt Ion:278 Resp: 28859
Ion Ratio Lower Upper
278 100
139 14.4 12.2 18.4
279 22.6 17.8 26.6

Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 12/22/2023
Supervised By :mohammad ahmed 12/22/2023



#92
Benzo(g,h,i)perylene
Concen: 35.456 ng
RT: 17.392 min Scan# 2602
Delta R.T. -0.017 min
Lab File: BF136669.D
Acq: 21 Dec 2023 14:18



Tgt Ion:276 Resp: 262997
Ion Ratio Lower Upper
276 100
277 23.8 18.3 27.5
138 20.3 15.6 23.4

