

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF122123\
 Data File : BF136668.D
 Acq On : 21 Dec 2023 13:46
 Operator : CG\JU
 Sample : 05602-05MS
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

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

Quant Time: Dec 21 14:17:35 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	78668	20.000	ng	-0.01
21) Naphthalene-d8	8.057	136	282348	20.000	ng	-0.01
39) Acenaphthene-d10	9.816	164	120542	20.000	ng	-0.01
64) Phenanthrene-d10	11.304	188	188308	20.000	ng	-0.01
76) Chrysene-d12	13.962	240	152408	20.000	ng	# 0.00
86) Perylene-d12	15.433	264	142494	20.000	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.428	112	469892	93.197	ng	0.00
7) Phenol-d6	6.434	99	582400	89.146	ng	0.00
23) Nitrobenzene-d5	7.345	82	360330	65.304	ng	-0.01
42) 2,4,6-Tribromophenol	10.610	330	116389	81.984	ng	-0.01
45) 2-Fluorobiphenyl	9.139	172	649770	72.500	ng	-0.01
79) Terphenyl-d14	12.898	244	552800	50.688	ng	-0.02
Target Compounds						Qvalue
2) 1,4-Dioxane	2.581	88	77100	36.701	ng	100
3) Pyridine	3.334	79	189733	37.017	ng	98
4) n-Nitrosodimethylamine	3.304	42	120421	43.995	ng	97
6) Aniline	6.451	93	206765	31.655	ng	# 1
8) 2-Chlorophenol	6.575	128	242867	44.017	ng	94
9) Benzaldehyde	6.333	77	93697	25.214	ng	93
10) Phenol	6.445	94	295581	42.383	ng	91
11) bis(2-Chloroethyl)ether	6.522	93	241962	45.621	ng	99
12) 1,3-Dichlorobenzene	6.722	146	247139	41.060	ng	99
13) 1,4-Dichlorobenzene	6.798	146	254739	41.420	ng	100
14) 1,2-Dichlorobenzene	6.951	146	237031	41.419	ng	99
15) Benzyl Alcohol	6.933	79	193648	43.936	ng	96
16) 2,2'-oxybis(1-Chloropr...	7.057	45	371763	42.873	ng	91
17) 2-Methylphenol	7.045	107	193891	42.419	ng	97
18) Hexachloroethane	7.286	117	90135	40.355	ng	99
19) n-Nitroso-di-n-propyla...	7.198	70	163829	41.368	ng	99
20) 3+4-Methylphenols	7.198	107	232567	40.726	ng	# 83
22) Acetophenone	7.192	105	332406	46.970	ng	96
24) Nitrobenzene	7.369	77	246718	44.636	ng	94
25) Isophorone	7.604	82	445850	44.407	ng	99
26) 2-Nitrophenol	7.680	139	123720	46.784	ng	99
27) 2,4-Dimethylphenol	7.722	122	180346	56.016	ng	99
28) bis(2-Chloroethoxy)met...	7.816	93	278021	45.556	ng	99
29) 2,4-Dichlorophenol	7.922	162	185410	44.732	ng	99
30) 1,2,4-Trichlorobenzene	8.004	180	198562	42.996	ng	98
31) Naphthalene	8.080	128	672386	43.348	ng	100
32) Benzoic acid	7.863	122	136783	43.909	ng	98
33) 4-Chloroaniline	8.139	127	159137	27.787	ng	98
34) Hexachlorobutadiene	8.198	225	118610	42.273	ng	100
35) Caprolactam	8.510	113	59362m	43.413	ng	
36) 4-Chloro-3-methylphenol	8.622	107	188970	40.497	ng	96
37) 2-Methylnaphthalene	8.775	142	412587	41.330	ng	97
38) 1-Methylnaphthalene	8.875	142	388956	39.714	ng	99
40) 1,2,4,5-Tetrachloroben...	8.939	216	196170	52.549	ng	99
41) Hexachlorocyclopentadiene	8.922	237	82515	69.977	ng	99
43) 2,4,6-Trichlorophenol	9.057	196	115738	48.343	ng	97

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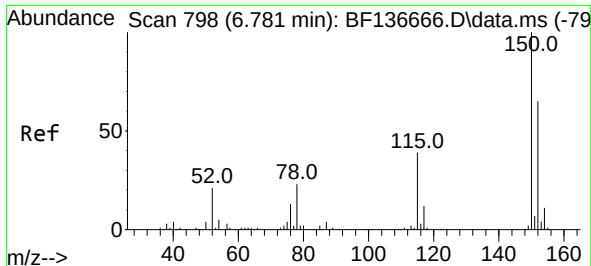
Manual Integrations APPROVED

Reviewed By :Yogesh
 Patel
 12/22/2023

Supervised By :mohammad
 ahmed
 12/22/2023

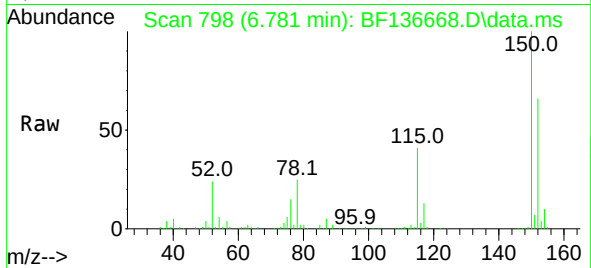
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.098	196	123219	46.186	ng	94
46) 1,1'-Biphenyl	9.239	154	519651	51.373	ng	99
47) 2-Chloronaphthalene	9.263	162	364342	47.380	ng	100
48) 2-Nitroaniline	9.363	65	113865	47.285	ng	97
49) Acenaphthylene	9.680	152	577267	49.113	ng	100
50) Dimethylphthalate	9.545	163	422214	47.953	ng	99
51) 2,6-Dinitrotoluene	9.610	165	89744	44.912	ng	99
52) Acenaphthene	9.851	154	321332	44.103	ng	99
53) 3-Nitroaniline	9.774	138	76819	36.291	ng	98
54) 2,4-Dinitrophenol	9.886	184	86468	78.167	ng	# 82
55) Dibenzofuran	10.022	168	489614	44.331	ng	98
56) 4-Nitrophenol	9.951	139	114992	80.474	ng	95
57) 2,4-Dinitrotoluene	10.010	165	105496	40.668	ng	99
58) Fluorene	10.369	166	366146	41.781	ng	98
59) 2,3,4,6-Tetrachlorophenol	10.145	232	90467	44.051	ng	99
60) Diethylphthalate	10.245	149	410085	44.890	ng	99
61) 4-Chlorophenyl-phenyle...	10.357	204	180789	42.443	ng	98
62) 4-Nitroaniline	10.392	138	72167m	35.366	ng	
63) Azobenzene	10.521	77	353308	41.407	ng	99
65) 4,6-Dinitro-2-methylph...	10.421	198	53222	49.317	ng	86
66) n-Nitrosodiphenylamine	10.480	169	324584	53.062	ng	99
67) 4-Bromophenyl-phenylether	10.851	248	101466	48.518	ng	98
68) Hexachlorobenzene	10.916	284	107954	46.321	ng	97
69) Atrazine	11.016	200	95915	61.304	ng	97
70) Pentachlorophenol	11.116	266	104367	96.075	ng	99
71) Phenanthrene	11.333	178	462512	47.868	ng	99
72) Anthracene	11.386	178	472019	48.238	ng	99
73) Carbazole	11.545	167	430064	46.616	ng	99
74) Di-n-butylphthalate	11.874	149	557380	49.512	ng	100
75) Fluoranthene	12.521	202	507116	49.067	ng	98
77) Benzidine	12.651	184	146286	32.552	ng	99
78) Pyrene	12.751	202	529474	35.389	ng	99
80) Butylbenzylphthalate	13.380	149	235196	43.203	ng	94
81) Benzo(a)anthracene	13.951	228	487637	46.077	ng	99
82) 3,3'-Dichlorobenzidine	13.915	252	153000	50.907	ng	99
83) Chrysene	13.992	228	464022	44.837	ng	99
84) Bis(2-ethylhexyl)phtha...	13.945	149	337459	49.267	ng	97
85) Di-n-octyl phthalate	14.562	149	641306	60.527	ng	100
87) Indeno(1,2,3-cd)pyrene	16.933	276	381506	37.082	ng	99
88) Benzo(b)fluoranthene	15.004	252	474106	49.815	ng	99
89) Benzo(k)fluoranthene	15.033	252	385536	42.871	ng	99
90) Benzo(a)pyrene	15.374	252	362917	45.175	ng	98
91) Dibenzo(a,h)anthracene	16.950	278	318026	37.679	ng	99
92) Benzo(g,h,i)perylene	17.386	276	293450	33.945	ng	100

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



#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.781 min Scan# 79
Delta R.T. -0.011 min
Lab File: BF136668.D
Acq: 21 Dec 2023 13:46

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

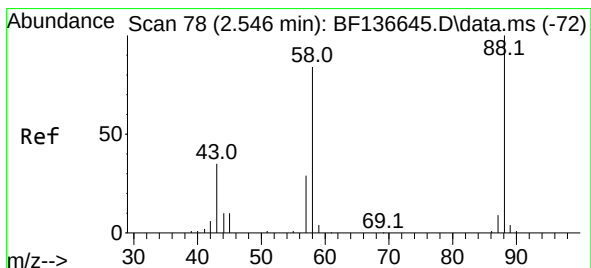
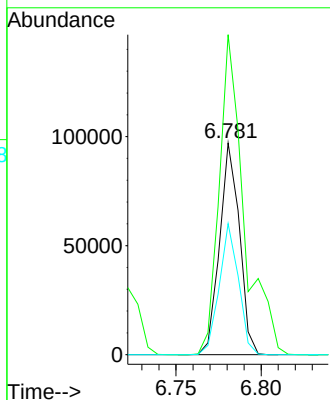


Tgt Ion:152 Resp: 7866
Ion Ratio Lower Upper
152 100
150 151.2 127.0 190.6
115 61.9 49.0 73.4

Manual Integrations
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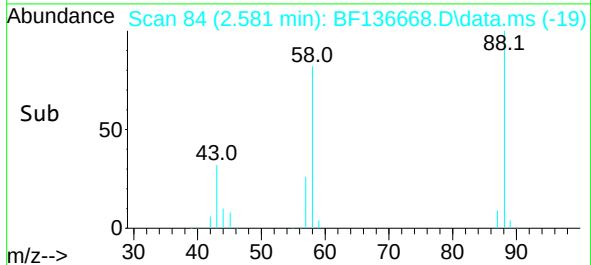
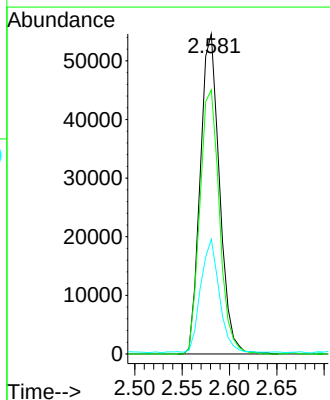
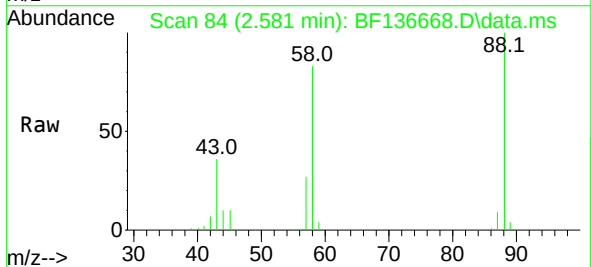
Reviewed By :Yogesh
Patel
12/22/2023

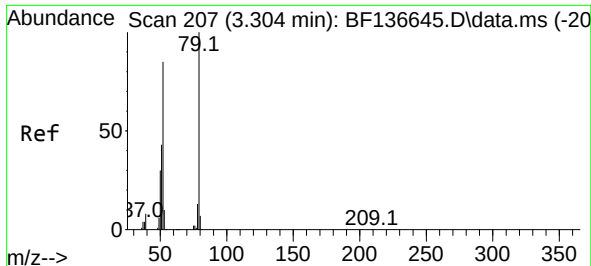
Supervised By :mohammad
ahmed
12/22/2023



#2
1,4-Dioxane
Concen: 36.701 ng
RT: 2.581 min Scan# 84
Delta R.T. 0.035 min
Lab File: BF136668.D
Acq: 21 Dec 2023 13:46

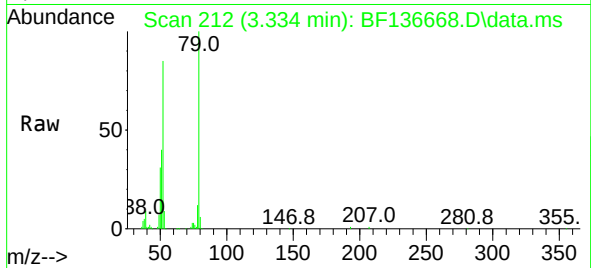
Tgt Ion: 88 Resp: 77100
Ion Ratio Lower Upper
88 100
58 83.7 67.4 101.0
43 34.6 27.7 41.5





#3
Pyridine
Concen: 37.017 ng
RT: 3.334 min Scan# 212
Delta R.T. 0.029 min
Lab File: BF136668.D
Acq: 21 Dec 2023 13:46

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

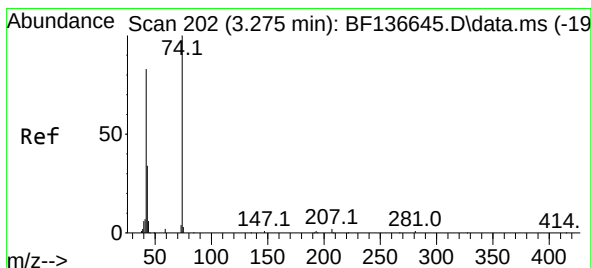
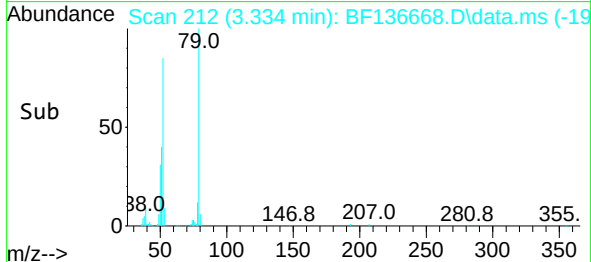
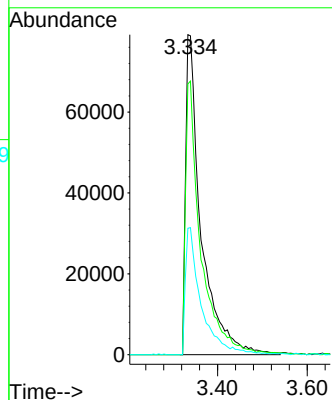


Tgt Ion: 79 Resp: 18973
Ion Ratio Lower Upper
79 100
52 84.6 67.7 101.5
51 39.5 34.0 51.0

Manual Integrations
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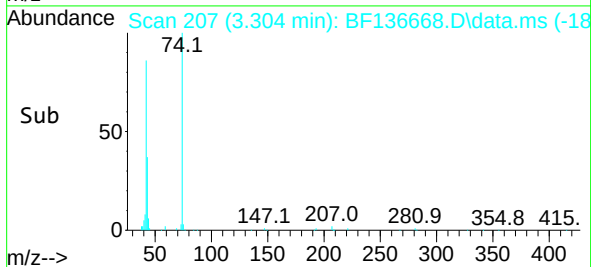
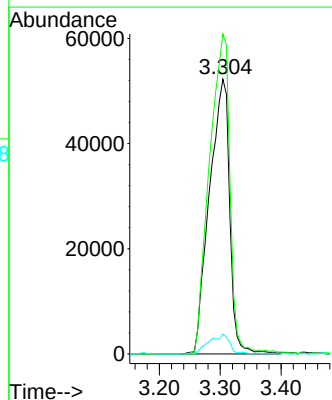
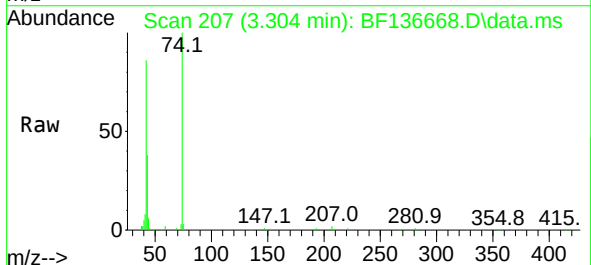
Reviewed By :Yogesh
Patel
12/22/2023

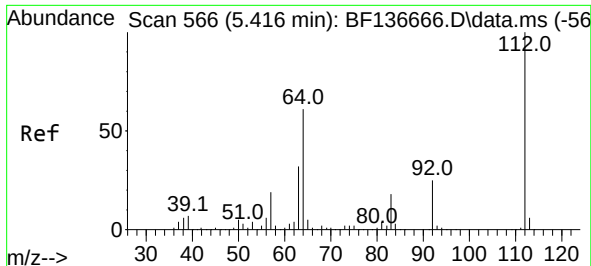
Supervised By :mohammad
ahmed
12/22/2023



#4
n-Nitrosodimethylamine
Concen: 43.995 ng
RT: 3.304 min Scan# 207
Delta R.T. 0.029 min
Lab File: BF136668.D
Acq: 21 Dec 2023 13:46

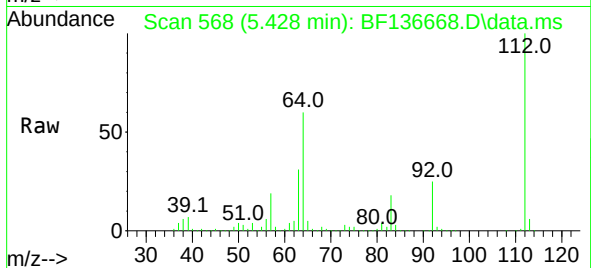
Tgt Ion: 42 Resp: 120421
Ion Ratio Lower Upper
42 100
74 116.5 96.0 144.0
44 7.3 5.4 8.2





#5
2-Fluorophenol
Concen: 93.197 ng
RT: 5.428 min Scan# 50
Delta R.T. -0.000 min
Lab File: BF136668.D
Acq: 21 Dec 2023 13:46

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

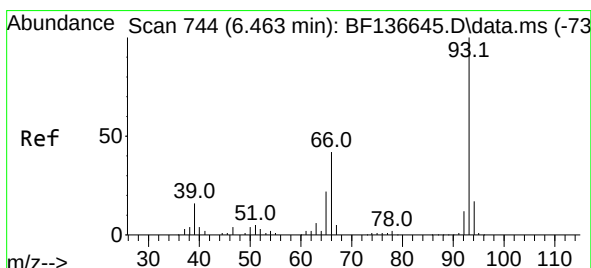
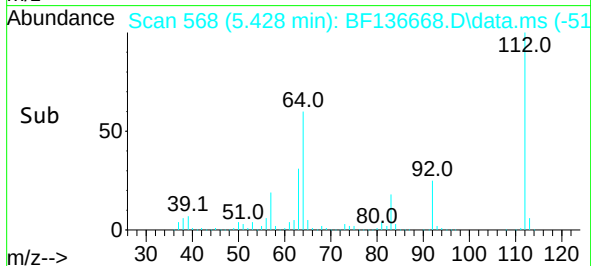
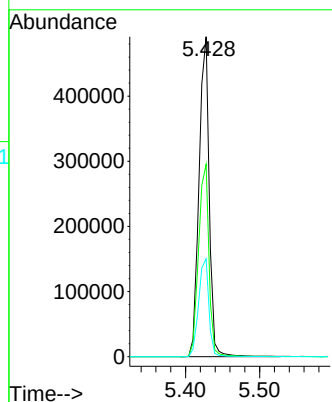


Tgt Ion:112 Resp: 469892
Ion Ratio Lower Upper
112 100
64 60.1 51.1 76.7
63 30.6 26.1 39.1

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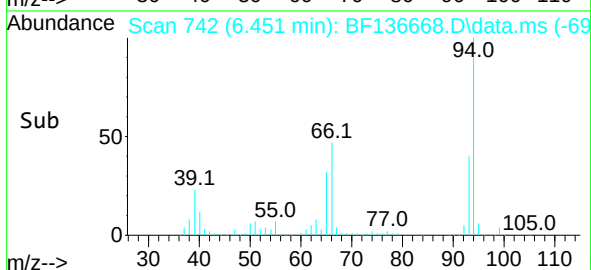
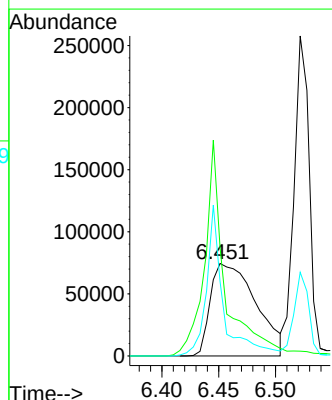
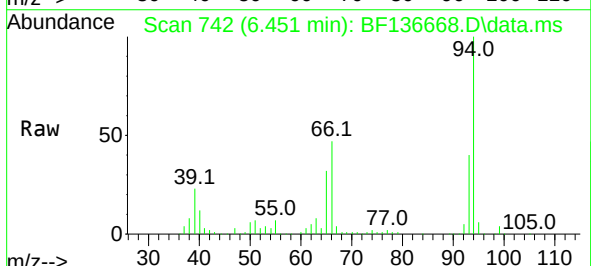
Reviewed By :Yogesh
Patel
12/22/2023

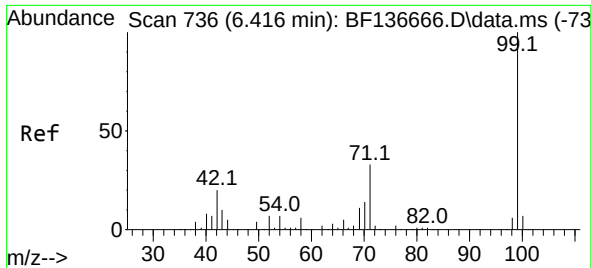
Supervised By :mohammad
ahmed
12/22/2023



#6
Aniline
Concen: 31.655 ng
RT: 6.451 min Scan# 742
Delta R.T. -0.012 min
Lab File: BF136668.D
Acq: 21 Dec 2023 13:46

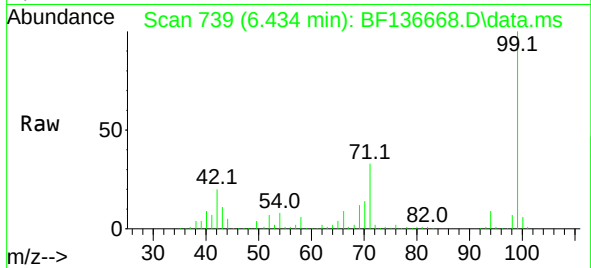
Tgt Ion: 93 Resp: 206765
Ion Ratio Lower Upper
93 100
66 117.5 34.6 51.8#
65 80.6 17.8 26.8#





#7
Phenol-d6
Concen: 89.146 ng
RT: 6.434 min Scan# 711
Delta R.T. -0.006 min
Lab File: BF136668.D
Acq: 21 Dec 2023 13:46

Instrument :
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ClientSampleId :
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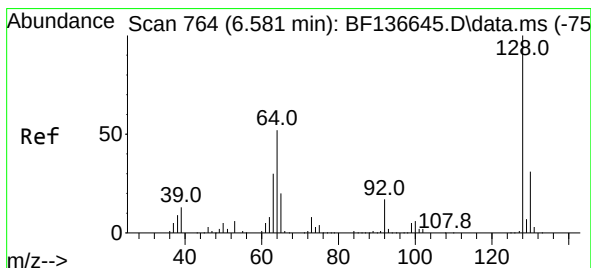
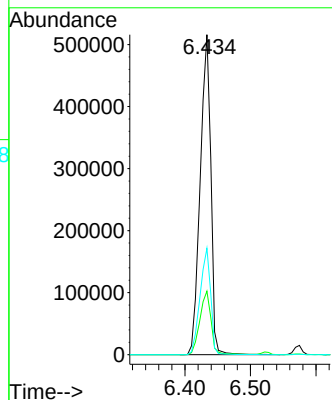


Tgt Ion: 99 Resp: 582400
Ion Ratio Lower Upper
99 100
42 19.8 16.1 24.1
71 33.2 27.4 41.2

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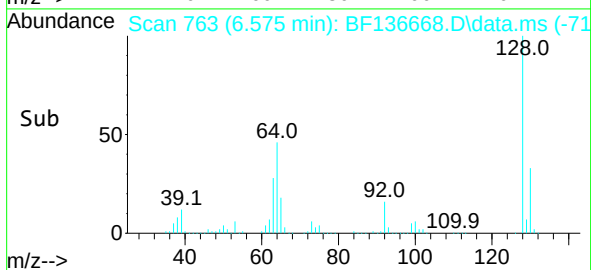
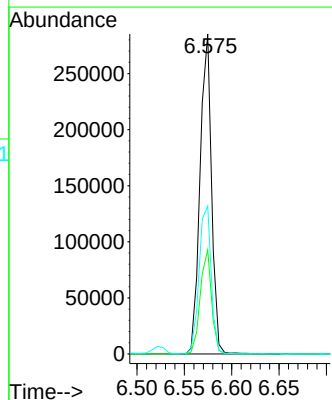
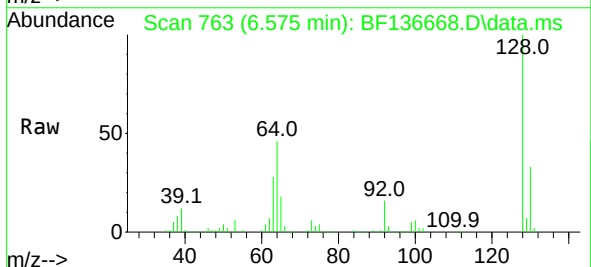
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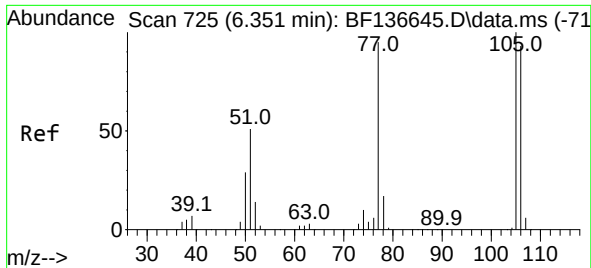
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ahmed
12/22/2023



#8
2-Chlorophenol
Concen: 44.017 ng
RT: 6.575 min Scan# 763
Delta R.T. -0.006 min
Lab File: BF136668.D
Acq: 21 Dec 2023 13:46

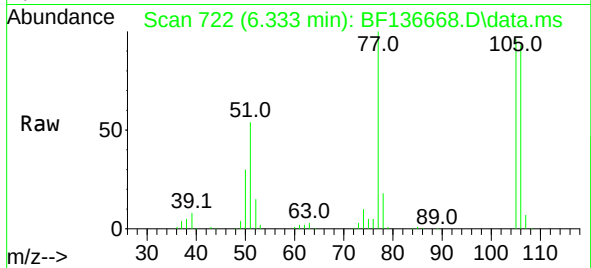
Tgt Ion:128 Resp: 242867
Ion Ratio Lower Upper
128 100
130 32.6 11.3 51.3
64 46.3 32.5 72.5





#9
Benzaldehyde
Concen: 25.214 ng
RT: 6.333 min Scan# 71
Delta R.T. -0.018 min
Lab File: BF136668.D
Acq: 21 Dec 2023 13:46

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

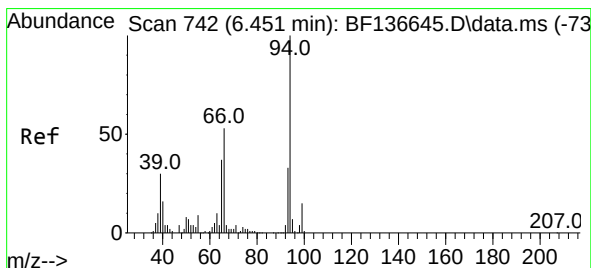
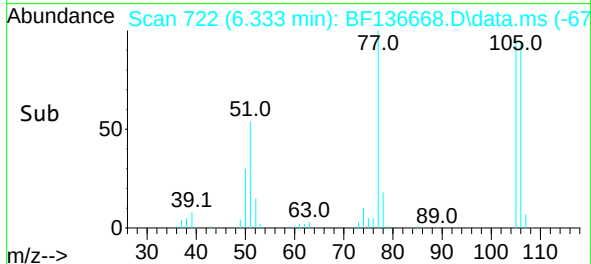
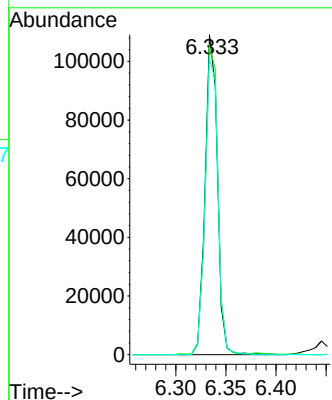


Tgt Ion: 77 Resp: 9369
Ion Ratio Lower Upper
77 100
105 96.1 84.8 124.8
106 92.7 77.8 117.8

Manual Integrations
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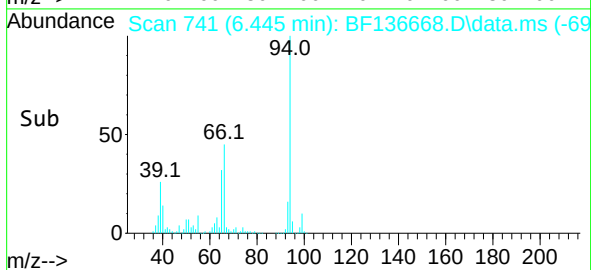
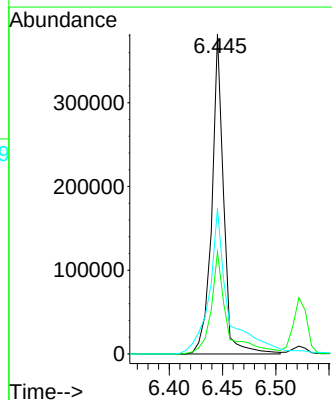
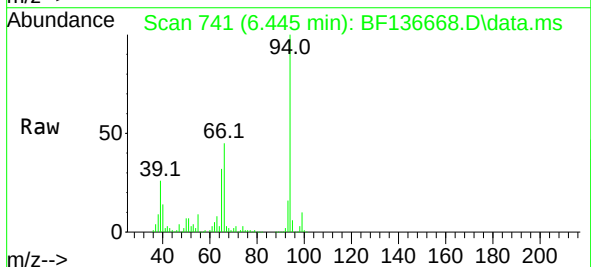
Reviewed By :Yogesh
Patel
12/22/2023

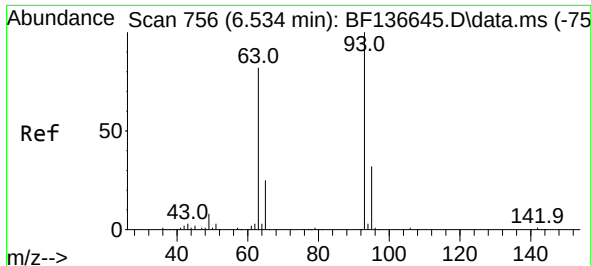
Supervised By :mohammad
ahmed
12/22/2023



#10
Phenol
Concen: 42.383 ng
RT: 6.445 min Scan# 741
Delta R.T. -0.006 min
Lab File: BF136668.D
Acq: 21 Dec 2023 13:46

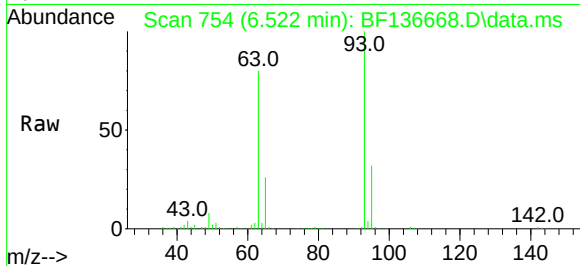
Tgt Ion: 94 Resp: 295581
Ion Ratio Lower Upper
94 100
65 31.8 16.6 56.6
66 45.5 32.6 72.6





#11
bis(2-Chloroethyl)ether
Concen: 45.621 ng
RT: 6.522 min Scan# 756
Delta R.T. -0.012 min
Lab File: BF136668.D
Acq: 21 Dec 2023 13:46

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

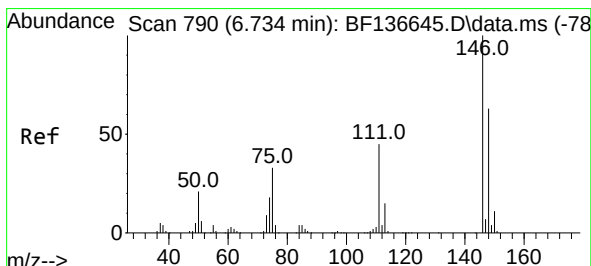
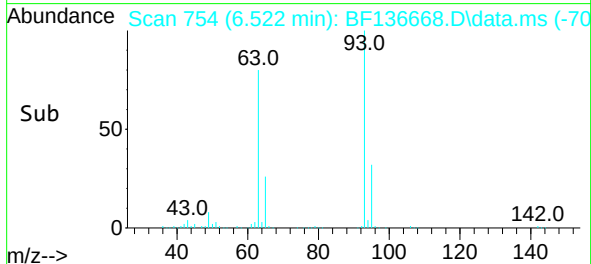
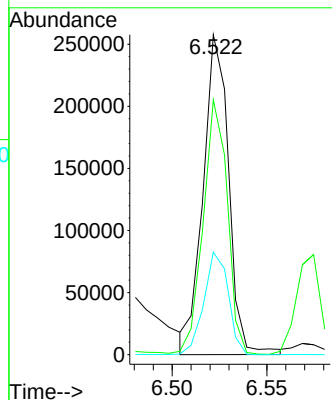


Tgt Ion: 93 Resp: 241962
Ion Ratio Lower Upper
93 100
63 79.7 61.2 101.2
95 32.0 11.6 51.6

Manual Integrations
APPROVED

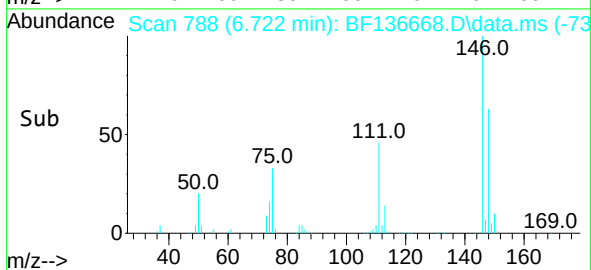
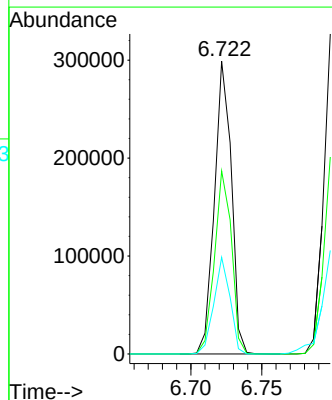
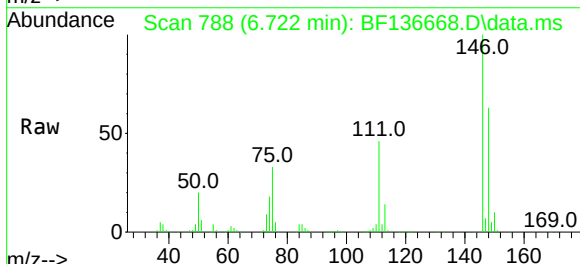
Reviewed By :Yogesh
Patel
12/22/2023

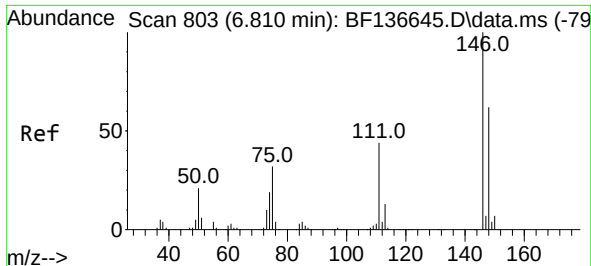
Supervised By :mohammad
ahmed
12/22/2023



#12
1,3-Dichlorobenzene
Concen: 41.060 ng
RT: 6.722 min Scan# 788
Delta R.T. -0.012 min
Lab File: BF136668.D
Acq: 21 Dec 2023 13:46

Tgt Ion:146 Resp: 247139
Ion Ratio Lower Upper
146 100
148 62.5 50.5 75.7
75 33.0 26.2 39.4





#13

1,4-Dichlorobenzene

Concen: 41.420 ng

RT: 6.798 min Scan# 803

Delta R.T. -0.012 min

Lab File: BF136668.D

Acq: 21 Dec 2023 13:46

Instrument :

BNA_F

ClientSampleId :

SPRING-VALLEY-TP-3MS

Tgt Ion:146 Resp: 254739
 Ion Ratio Lower Upper
 146 100
 148 61.5 49.2 73.8
 111 44.1 35.2 52.8

Manual Integrations
 APPROVED

Reviewed By :Yogesh

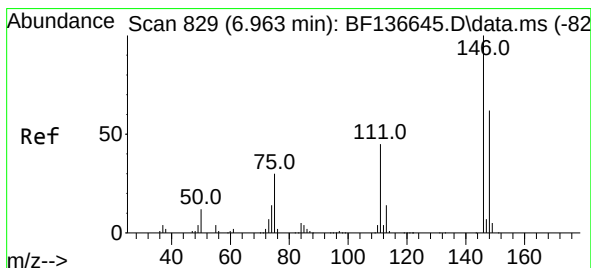
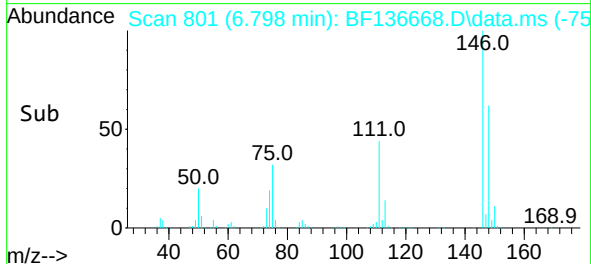
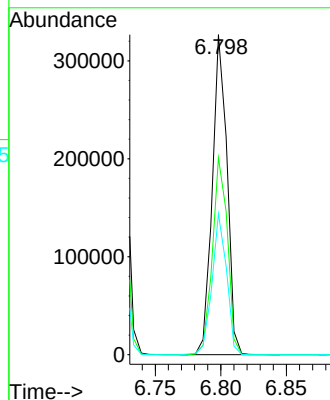
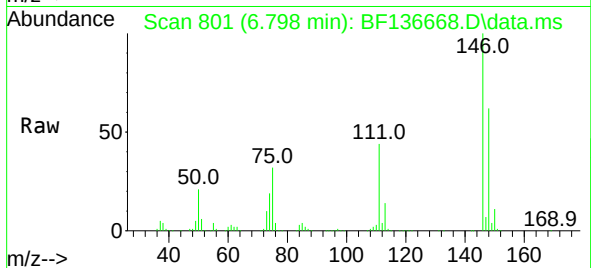
Patel

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Supervised By :mohammad

ahmed

12/22/2023



#14

1,2-Dichlorobenzene

Concen: 41.419 ng

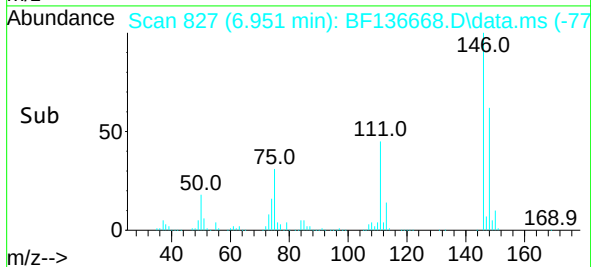
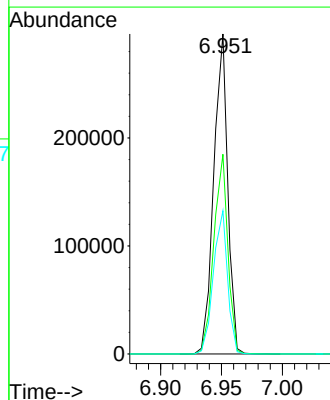
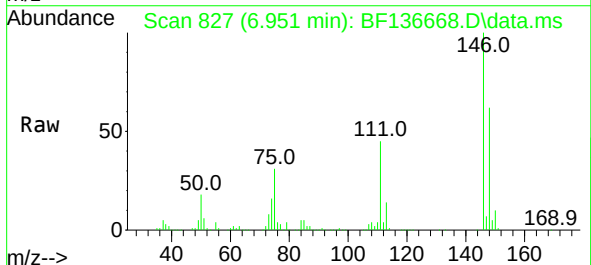
RT: 6.951 min Scan# 827

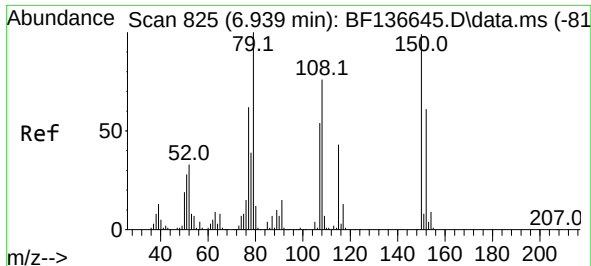
Delta R.T. -0.012 min

Lab File: BF136668.D

Acq: 21 Dec 2023 13:46

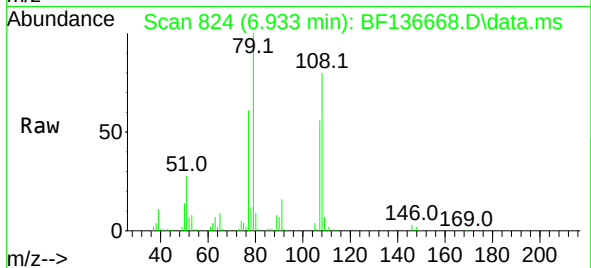
Tgt Ion:146 Resp: 237031
 Ion Ratio Lower Upper
 146 100
 148 62.4 49.6 74.4
 111 44.8 36.2 54.2





#15
Benzyl Alcohol
Concen: 43.936 ng
RT: 6.933 min Scan# 81
Delta R.T. -0.006 min
Lab File: BF136668.D
Acq: 21 Dec 2023 13:46

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

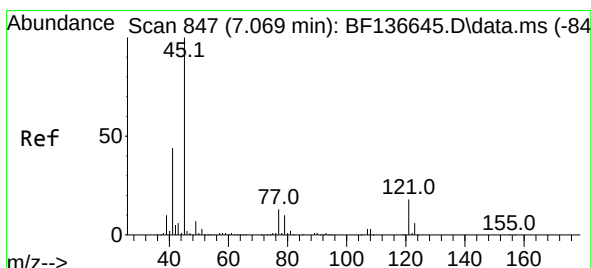
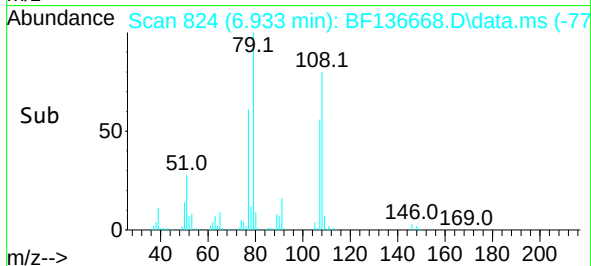
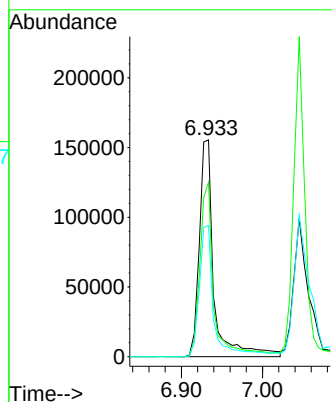


Tgt Ion: 79 Resp: 193648
Ion Ratio Lower Upper
79 100
108 80.5 61.0 91.6
77 60.5 49.8 74.8

Manual Integrations
APPROVED

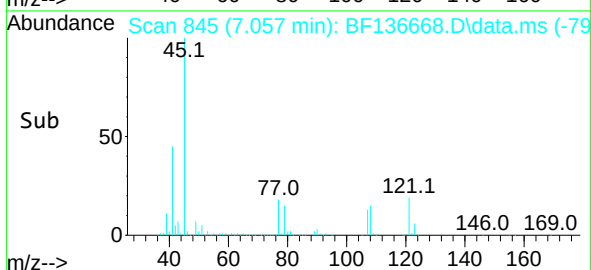
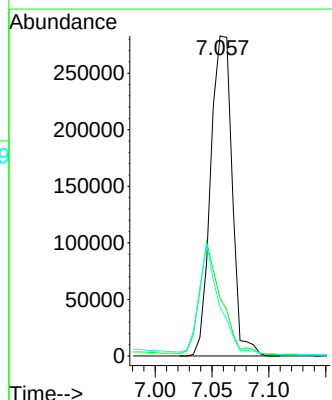
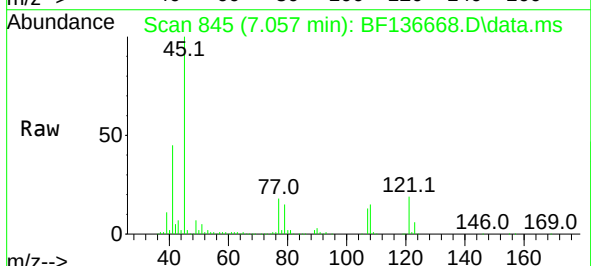
Reviewed By :Yogesh
Patel
12/22/2023

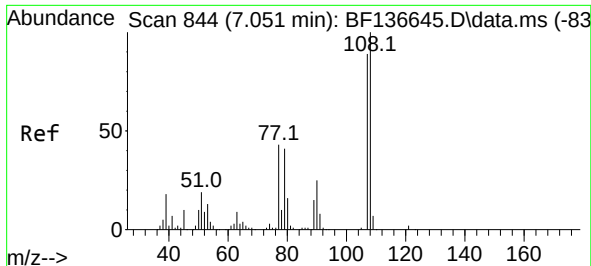
Supervised By :mohammad
ahmed
12/22/2023



#16
2,2'-oxybis(1-Chloropropane)
Concen: 42.873 ng
RT: 7.057 min Scan# 845
Delta R.T. -0.012 min
Lab File: BF136668.D
Acq: 21 Dec 2023 13:46

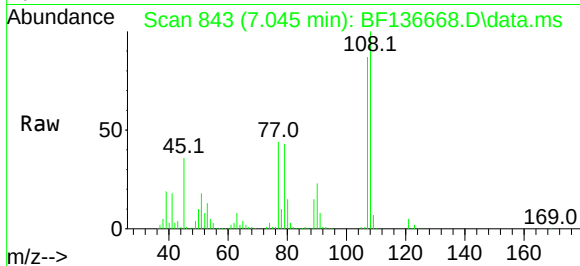
Tgt Ion: 45 Resp: 371763
Ion Ratio Lower Upper
45 100
77 18.1 0.0 34.3
79 15.1 0.0 31.4





#17
2-Methylphenol
Concen: 42.419 ng
RT: 7.045 min Scan# 844
Delta R.T. -0.006 min
Lab File: BF136668.D
Acq: 21 Dec 2023 13:46

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

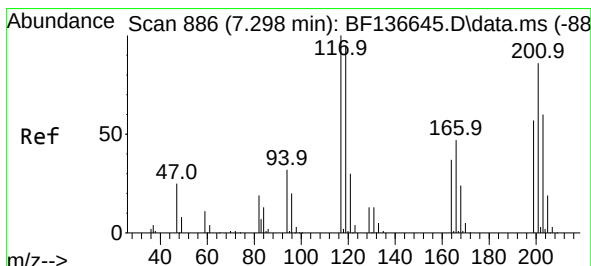
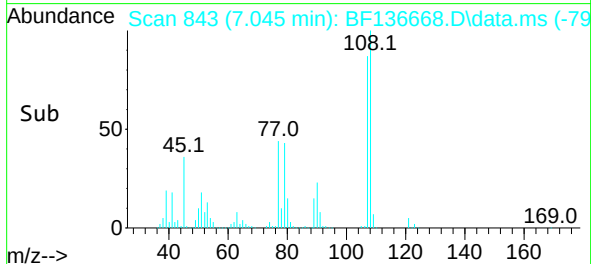
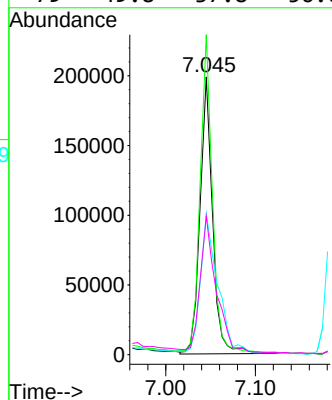


Tgt Ion:107 Resp: 19389
Ion Ratio Lower Upper
107 100
108 115.2 90.3 135.5
77 50.8 38.7 58.1
79 49.8 37.8 56.6

Manual Integrations
APPROVED

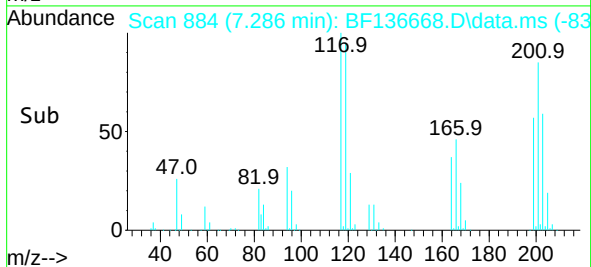
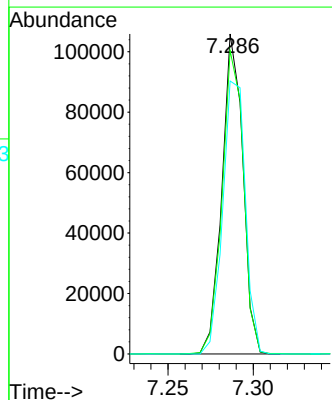
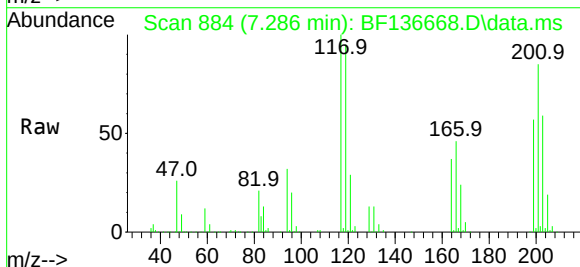
Reviewed By :Yogesh
Patel
12/22/2023

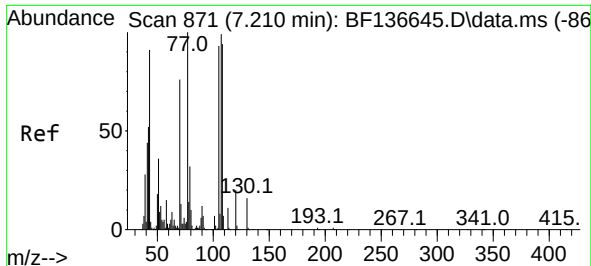
Supervised By :mohammad
ahmed
12/22/2023



#18
Hexachloroethane
Concen: 40.355 ng
RT: 7.286 min Scan# 884
Delta R.T. -0.012 min
Lab File: BF136668.D
Acq: 21 Dec 2023 13:46

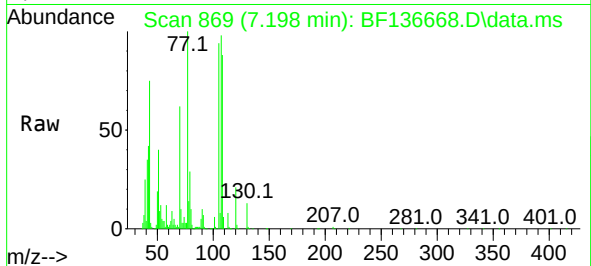
Tgt Ion:117 Resp: 90135
Ion Ratio Lower Upper
117 100
119 94.8 75.8 113.6
201 85.3 69.1 103.7





#19
n-Nitroso-di-n-propylamine
Concen: 41.368 ng
RT: 7.198 min Scan# 869
Delta R.T. -0.012 min
Lab File: BF136668.D
Acq: 21 Dec 2023 13:46

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

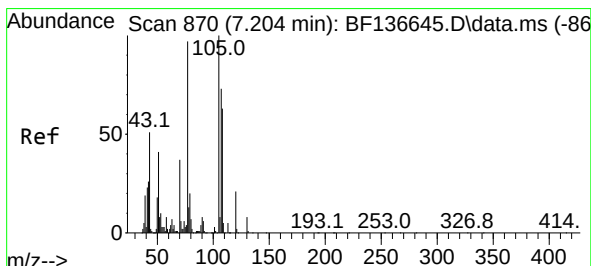
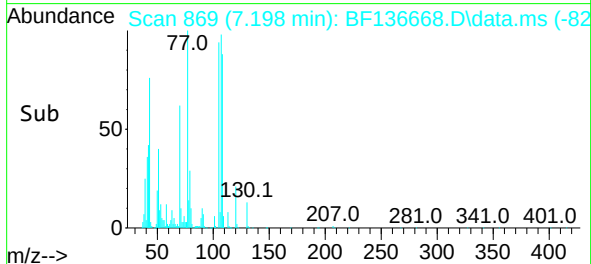
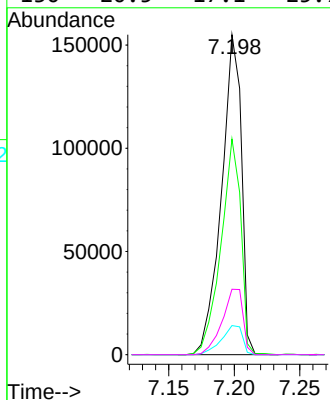


Tgt Ion: 70 Resp: 163829
Ion Ratio Lower Upper
70 100
42 67.4 54.2 81.4
101 9.1 7.6 11.4
130 20.5 17.1 25.7

Manual Integrations
APPROVED

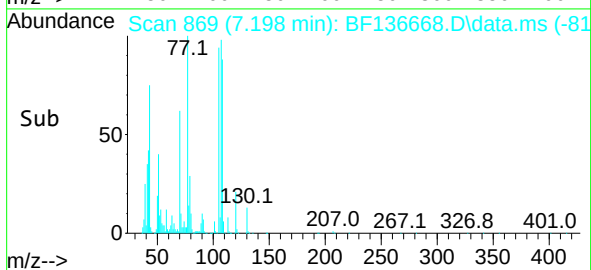
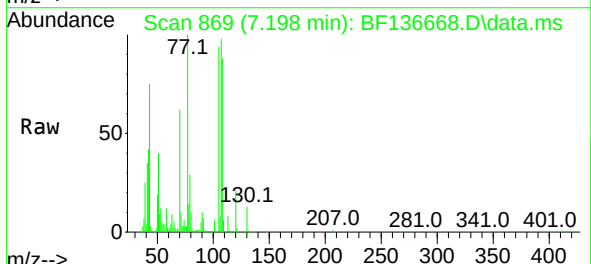
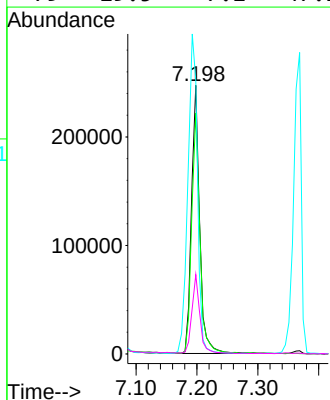
Reviewed By :Yogesh
Patel
12/22/2023

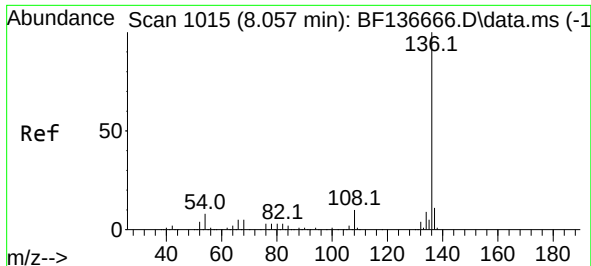
Supervised By :mohammad
ahmed
12/22/2023



#20
3+4-Methylphenols
Concen: 40.726 ng
RT: 7.198 min Scan# 869
Delta R.T. -0.006 min
Lab File: BF136668.D
Acq: 21 Dec 2023 13:46

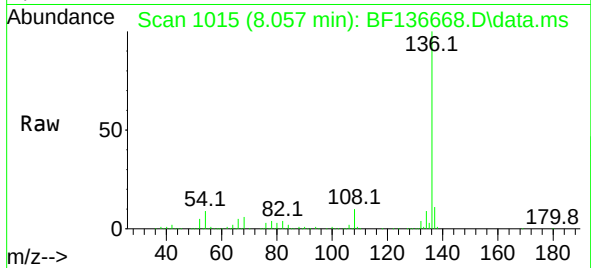
Tgt Ion:107 Resp: 232567
Ion Ratio Lower Upper
107 100
108 89.7 66.0 106.0
77 101.7 114.2 154.2#
79 29.5 7.2 47.2





#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.057 min Scan# 1015
Delta R.T. -0.012 min
Lab File: BF136668.D
Acq: 21 Dec 2023 13:46

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

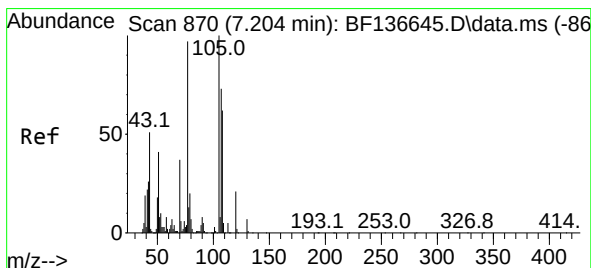
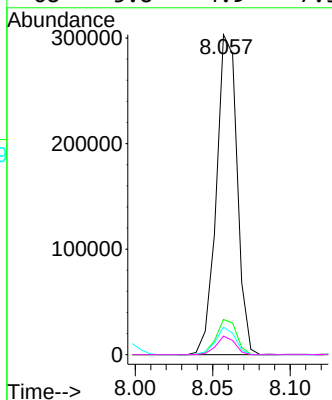


Tgt Ion:136 Resp: 282348
Ion Ratio Lower Upper
136 100
137 11.0 9.0 13.4
54 8.6 7.2 10.8
68 5.8 4.9 7.3

Manual Integrations
APPROVED

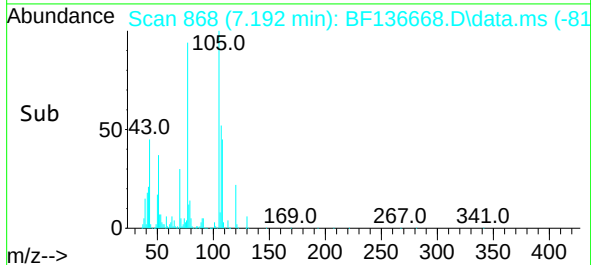
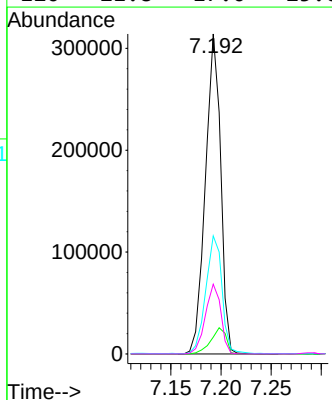
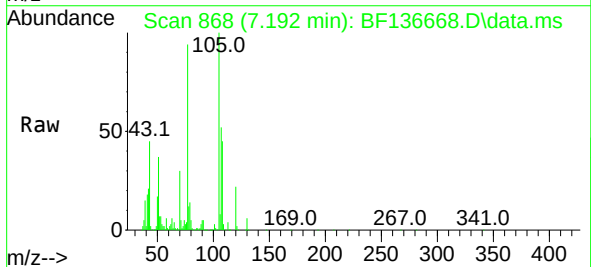
Reviewed By :Yogesh
Patel
12/22/2023

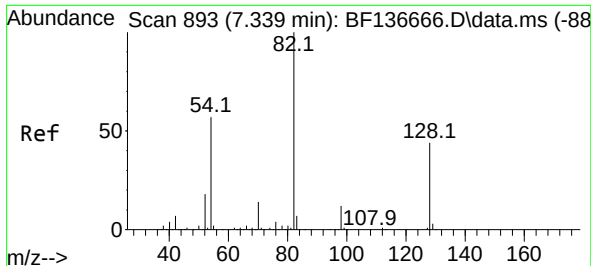
Supervised By :mohammad
ahmed
12/22/2023



#22
Acetophenone
Concen: 46.970 ng
RT: 7.192 min Scan# 868
Delta R.T. -0.012 min
Lab File: BF136668.D
Acq: 21 Dec 2023 13:46

Tgt Ion:105 Resp: 332406
Ion Ratio Lower Upper
105 100
71 5.2 4.8 7.2
51 36.9 32.8 49.2
120 21.8 17.0 25.6





#23

Nitrobenzene-d5

Concen: 65.304 ng

RT: 7.345 min Scan# 894

Delta R.T. -0.012 min

Lab File: BF136668.D

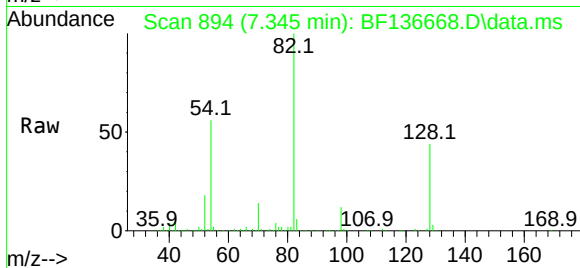
Acq: 21 Dec 2023 13:46

Instrument :

BNA_F

ClientSampleId :

SPRING-VALLEY-TP-3MS

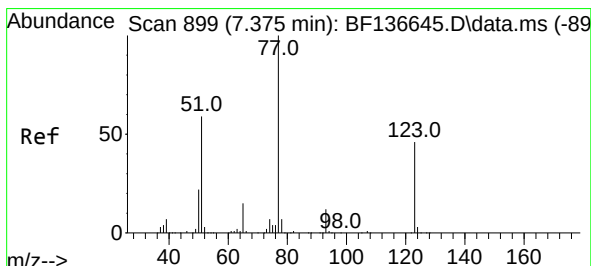
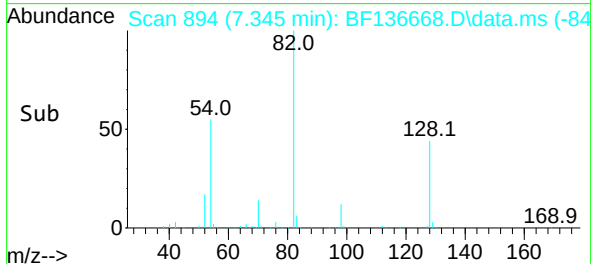
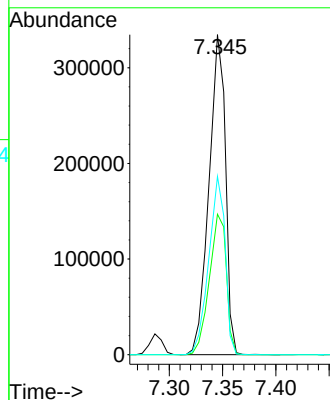


Tgt Ion:	82	Resp:	360330
Ion	Ratio	Lower	Upper
82	100		
128	43.9	35.3	52.9
54	55.7	44.5	66.7

Manual Integrations
APPROVED

Reviewed By :Yogesh
Patel
12/22/2023

Supervised By :mohammad
ahmed
12/22/2023



#24

Nitrobenzene

Concen: 44.636 ng

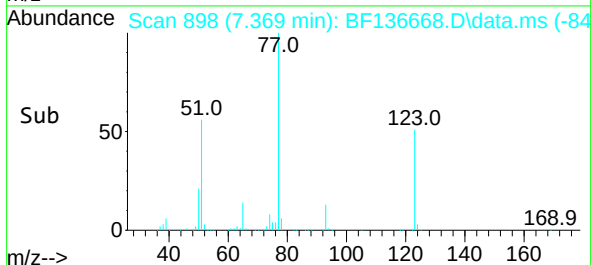
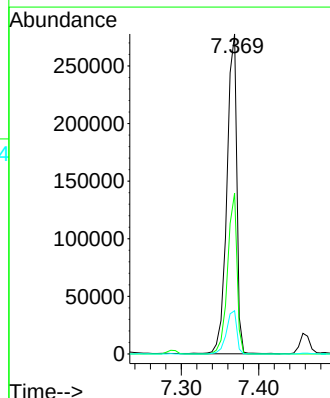
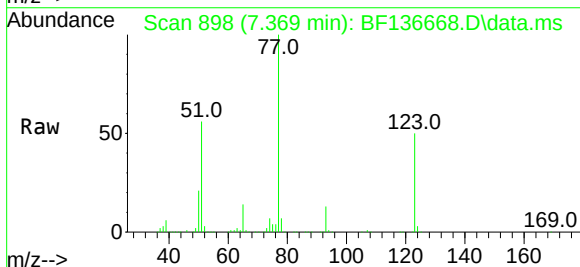
RT: 7.369 min Scan# 898

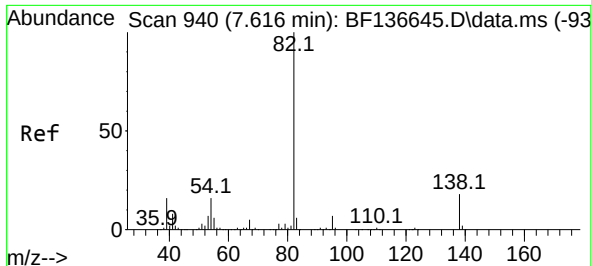
Delta R.T. -0.006 min

Lab File: BF136668.D

Acq: 21 Dec 2023 13:46

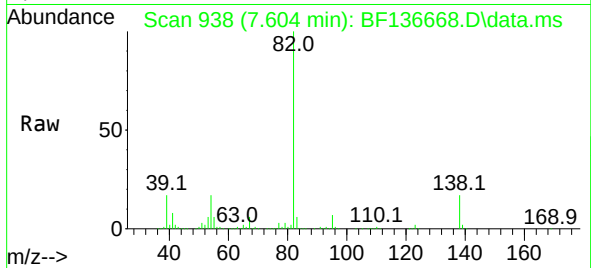
Tgt Ion:	77	Resp:	246718
Ion	Ratio	Lower	Upper
77	100		
123	50.2	36.7	55.1
65	13.5	11.8	17.6





#25
Isophorone
Concen: 44.407 ng
RT: 7.604 min Scan# 910
Delta R.T. -0.012 min
Lab File: BF136668.D
Acq: 21 Dec 2023 13:46

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

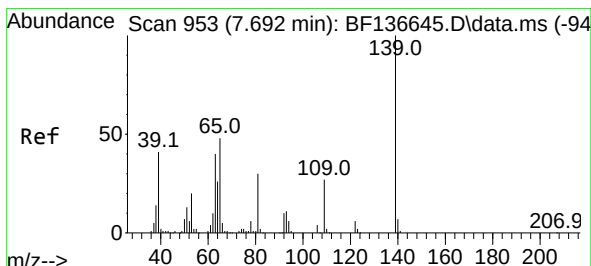
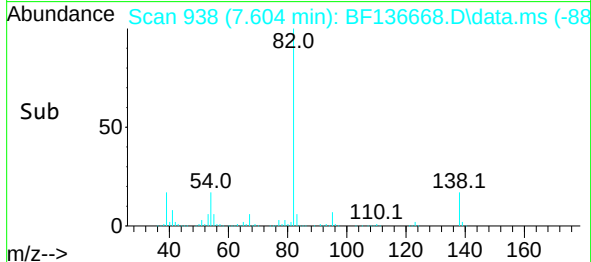
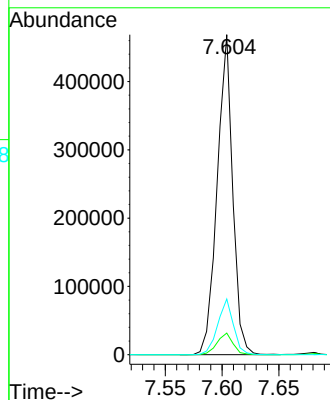


Tgt Ion: 82 Resp: 445850
Ion Ratio Lower Upper
82 100
95 6.7 5.5 8.3
138 17.4 14.5 21.7

Manual Integrations
APPROVED

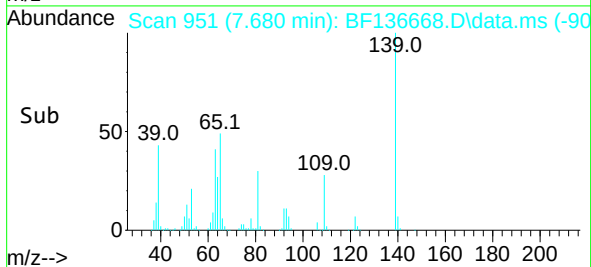
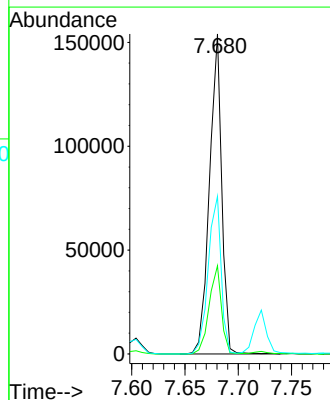
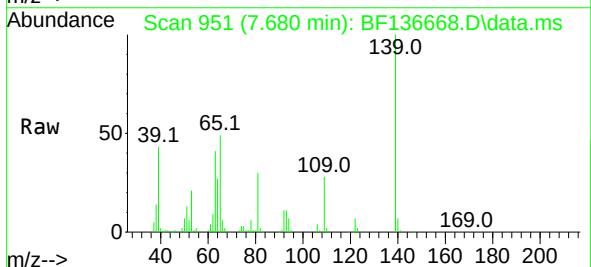
Reviewed By :Yogesh
Patel
12/22/2023

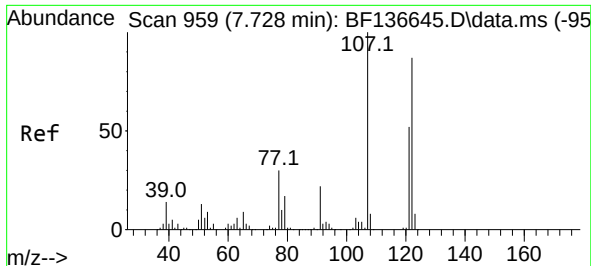
Supervised By :mohammad
ahmed
12/22/2023



#26
2-Nitrophenol
Concen: 46.784 ng
RT: 7.680 min Scan# 951
Delta R.T. -0.012 min
Lab File: BF136668.D
Acq: 21 Dec 2023 13:46

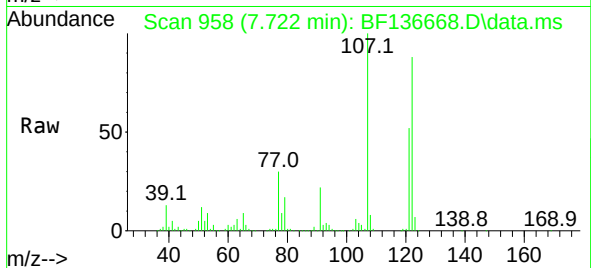
Tgt Ion:139 Resp: 123720
Ion Ratio Lower Upper
139 100
109 27.5 21.9 32.9
65 49.3 38.6 58.0





#27
2,4-Dimethylphenol
Concen: 56.016 ng
RT: 7.722 min Scan# 910
Delta R.T. -0.006 min
Lab File: BF136668.D
Acq: 21 Dec 2023 13:46

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

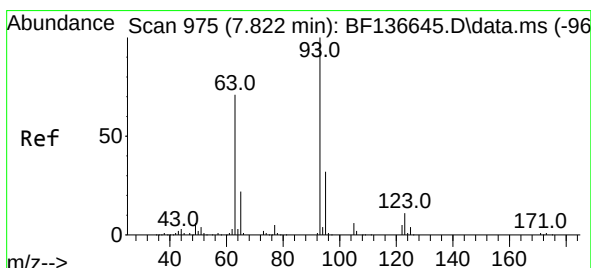
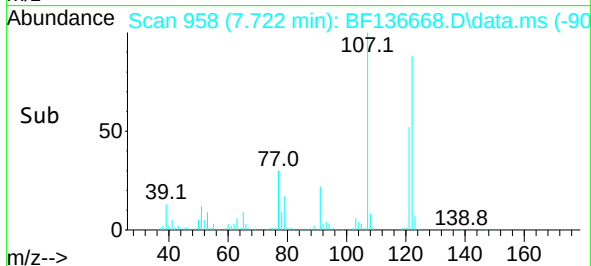
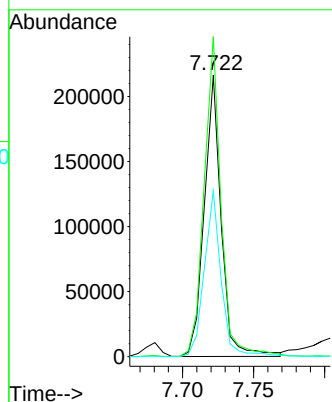


Tgt Ion:122 Resp: 180340
Ion Ratio Lower Upper
122 100
107 113.6 92.0 138.0
121 58.8 47.5 71.3

Manual Integrations
APPROVED

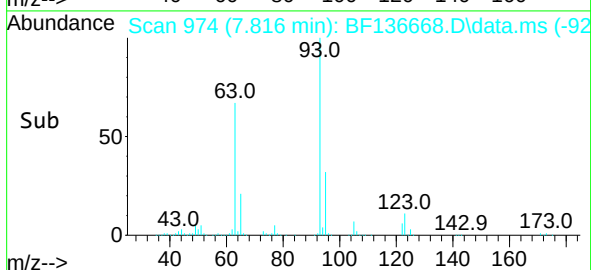
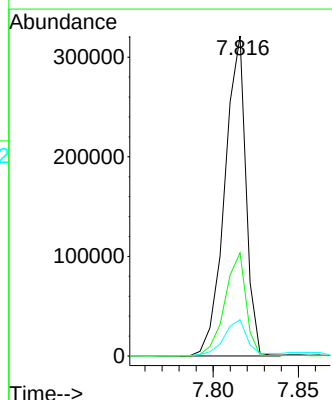
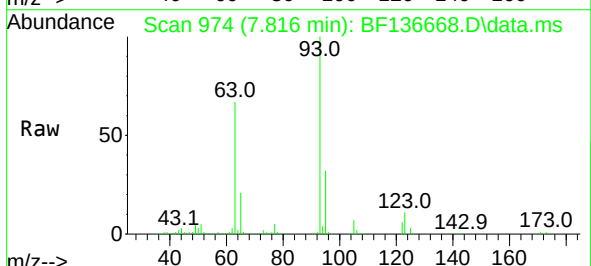
Reviewed By :Yogesh
Patel
12/22/2023

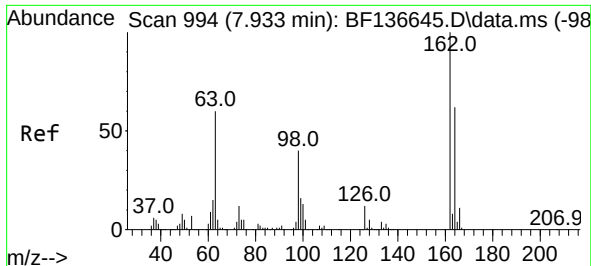
Supervised By :mohammad
ahmed
12/22/2023



#28
bis(2-Chloroethoxy)methane
Concen: 45.556 ng
RT: 7.816 min Scan# 974
Delta R.T. -0.006 min
Lab File: BF136668.D
Acq: 21 Dec 2023 13:46

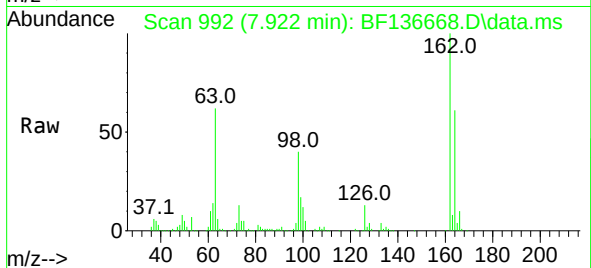
Tgt Ion: 93 Resp: 278021
Ion Ratio Lower Upper
93 100
95 32.3 25.5 38.3
123 11.3 9.2 13.8





#29
2,4-Dichlorophenol
Concen: 44.732 ng
RT: 7.922 min Scan# 994
Delta R.T. -0.012 min
Lab File: BF136668.D
Acq: 21 Dec 2023 13:46

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

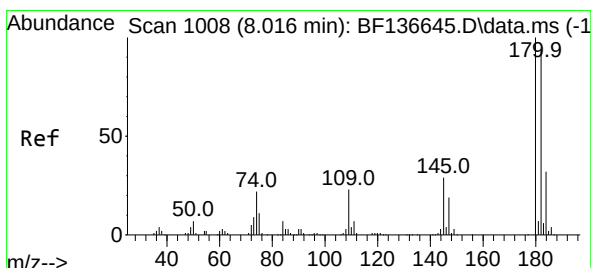
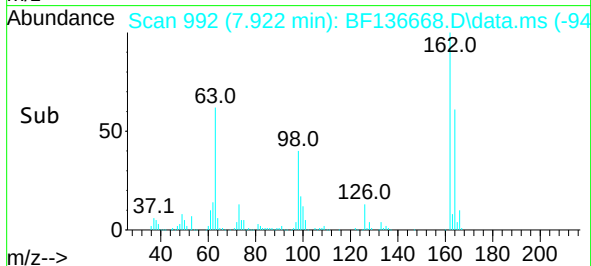
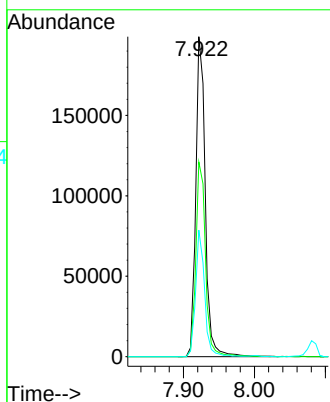


Tgt Ion:162 Resp: 185410
Ion Ratio Lower Upper
162 100
164 60.9 41.7 81.7
98 39.5 19.5 59.5

Manual Integrations
APPROVED

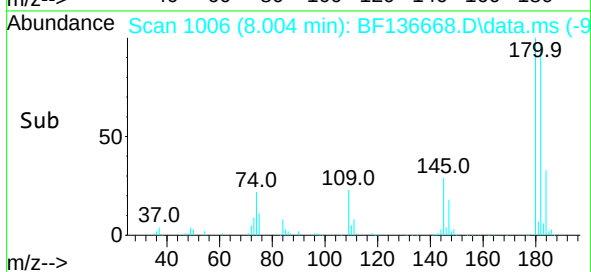
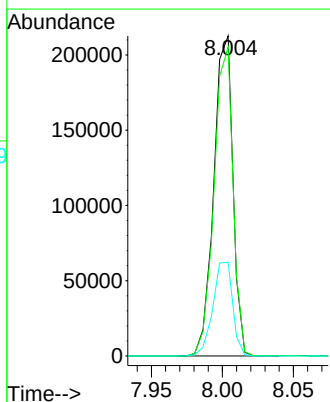
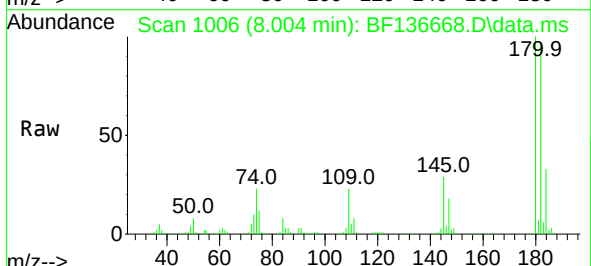
Reviewed By :Yogesh
Patel
12/22/2023

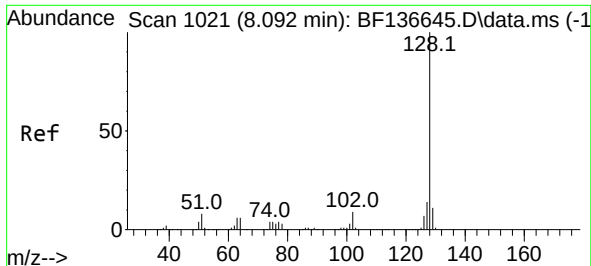
Supervised By :mohammad
ahmed
12/22/2023



#30
1,2,4-Trichlorobenzene
Concen: 42.996 ng
RT: 8.004 min Scan# 1006
Delta R.T. -0.012 min
Lab File: BF136668.D
Acq: 21 Dec 2023 13:46

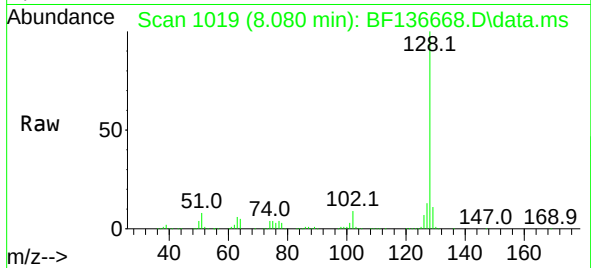
Tgt Ion:180 Resp: 198562
Ion Ratio Lower Upper
180 100
182 96.6 75.4 113.0
145 29.3 23.1 34.7





#31
Naphthalene
Concen: 43.348 ng
RT: 8.080 min Scan# 1021
Delta R.T. -0.012 min
Lab File: BF136668.D
Acq: 21 Dec 2023 13:46

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

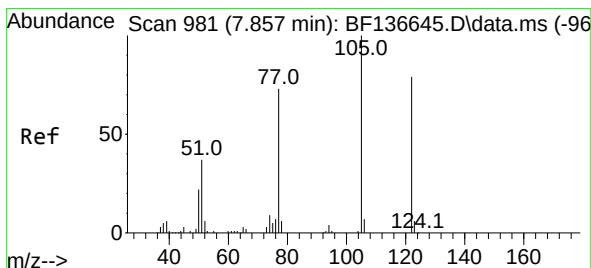
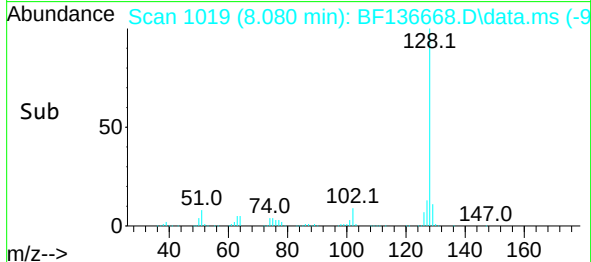
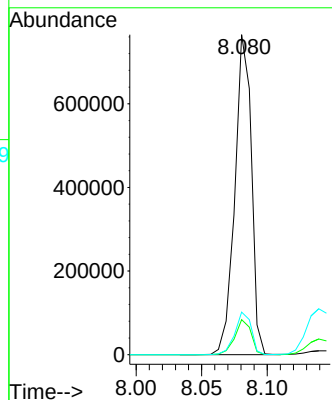


Tgt Ion:128 Resp: 672380
Ion Ratio Lower Upper
128 100
129 10.9 8.7 13.1
127 13.3 10.8 16.2

Manual Integrations
APPROVED

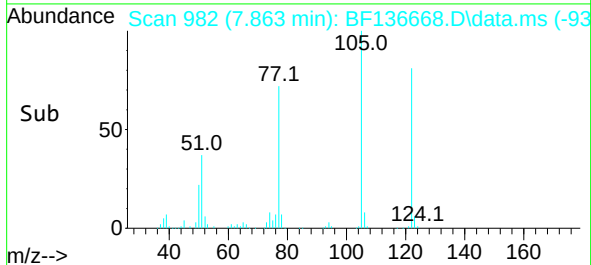
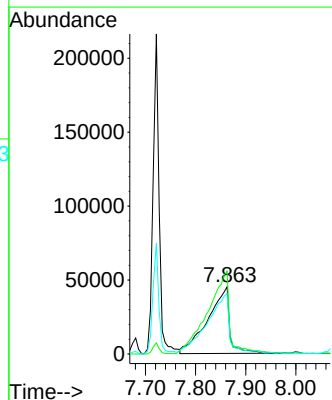
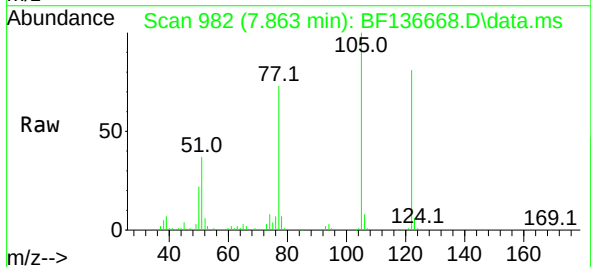
Reviewed By :Yogesh
Patel
12/22/2023

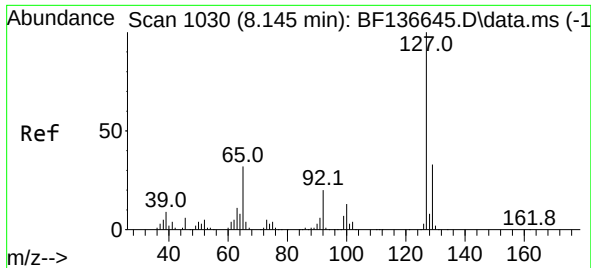
Supervised By :mohammad
ahmed
12/22/2023



#32
Benzoic acid
Concen: 43.909 ng
RT: 7.863 min Scan# 982
Delta R.T. 0.006 min
Lab File: BF136668.D
Acq: 21 Dec 2023 13:46

Tgt Ion:122 Resp: 136783
Ion Ratio Lower Upper
122 100
105 123.3 100.8 140.8
77 89.9 70.9 110.9





#33
4-Chloroaniline
Concen: 27.787 ng
RT: 8.139 min Scan# 1030
Delta R.T. -0.006 min
Lab File: BF136668.D
Acq: 21 Dec 2023 13:46

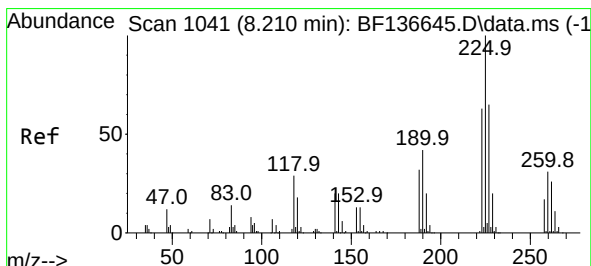
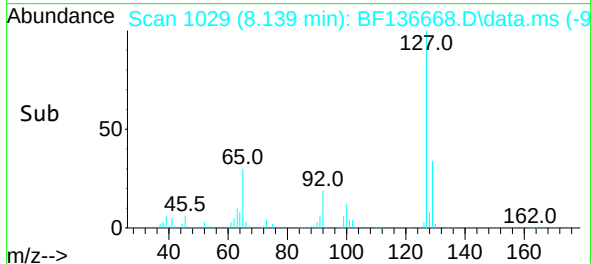
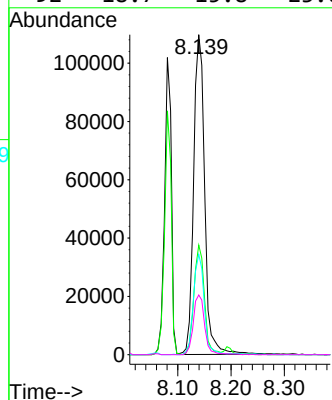
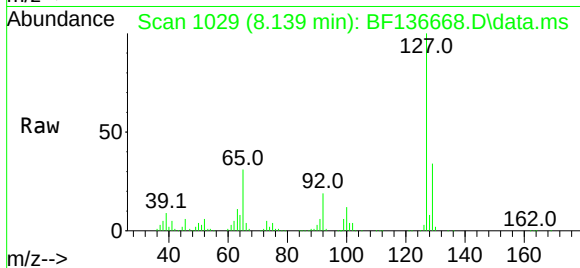
Instrument :
BNA_F
ClientSampleId :
SPRING-VALLEY-TP-3MS

Tgt Ion:	127	Resp:	15913
Ion Ratio	Lower	Upper	
127	100		
129	34.2	26.3	39.5
65	31.3	25.8	38.8
92	18.7	15.8	23.6

Manual Integrations
APPROVED

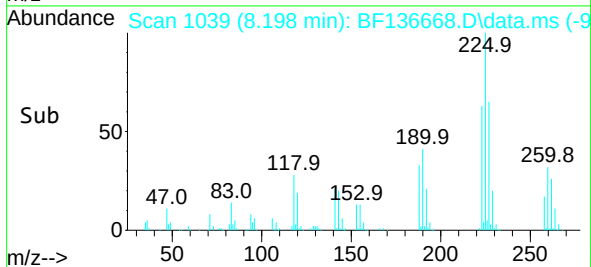
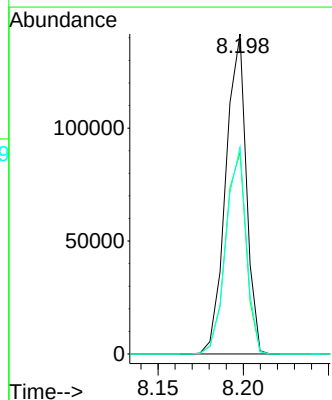
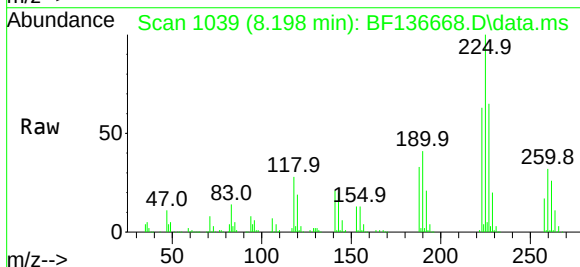
Reviewed By :Yogesh
Patel
12/22/2023

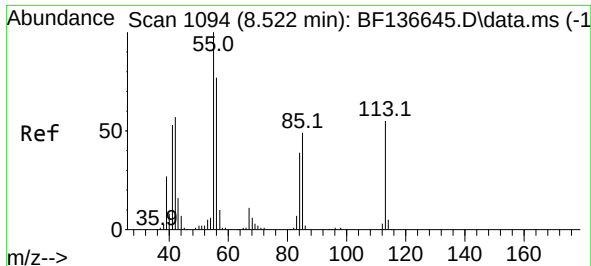
Supervised By :mohammad
ahmed
12/22/2023



#34
Hexachlorobutadiene
Concen: 42.273 ng
RT: 8.198 min Scan# 1039
Delta R.T. -0.012 min
Lab File: BF136668.D
Acq: 21 Dec 2023 13:46

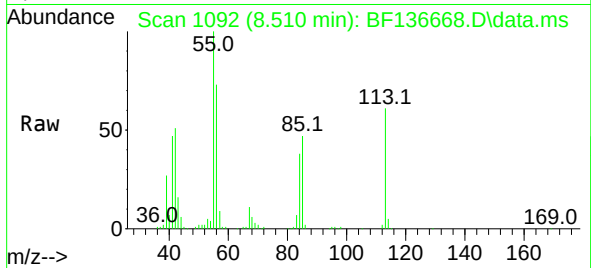
Tgt Ion:	225	Resp:	118610
Ion Ratio	Lower	Upper	
225	100		
223	62.9	50.6	76.0
227	64.6	51.9	77.9





#35
Caprolactam
Concen: 43.413 ng m
RT: 8.510 min Scan# 1092
Delta R.T. -0.012 min
Lab File: BF136668.D
Acq: 21 Dec 2023 13:46

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

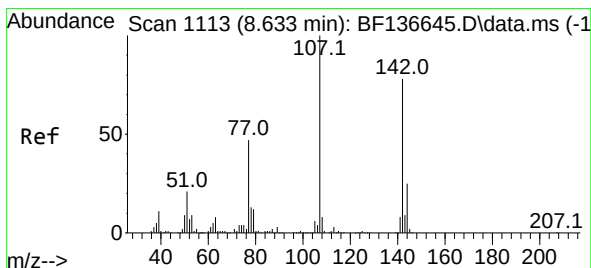
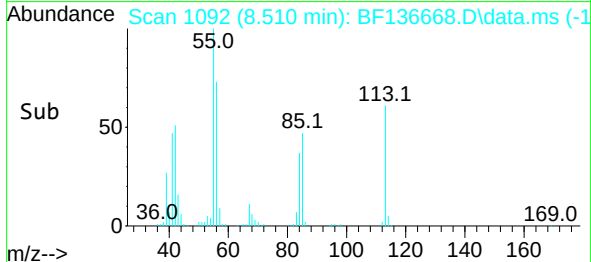
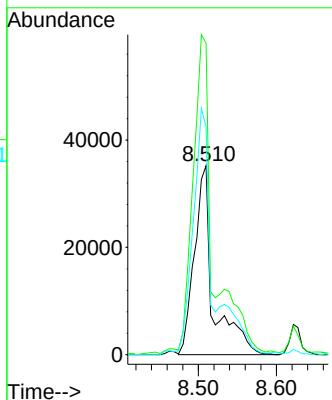


Tgt Ion:113 Resp: 59362
Ion Ratio Lower Upper
113 100
55 164.9 163.1 203.1
56 120.8 121.7 161.7

Manual Integrations
APPROVED

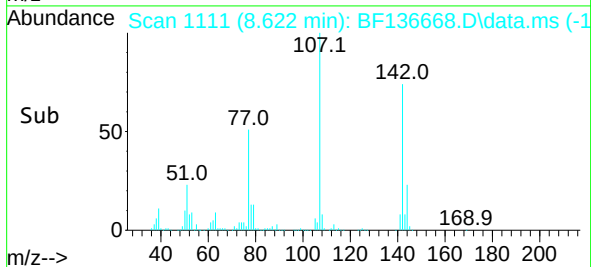
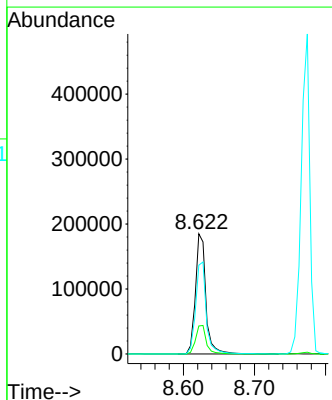
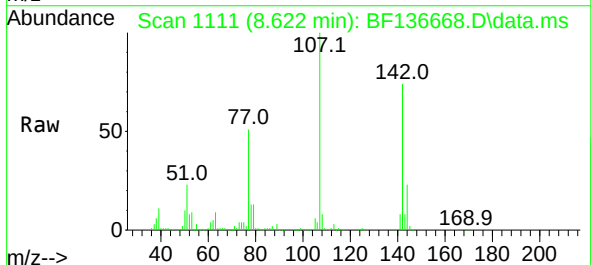
Reviewed By :Yogesh
Patel
12/22/2023

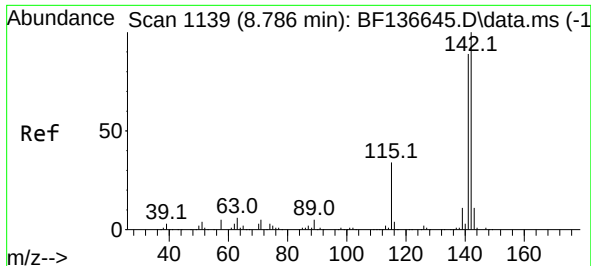
Supervised By :mohammad
ahmed
12/22/2023



#36
4-Chloro-3-methylphenol
Concen: 40.497 ng
RT: 8.622 min Scan# 1111
Delta R.T. -0.012 min
Lab File: BF136668.D
Acq: 21 Dec 2023 13:46

Tgt Ion:107 Resp: 188970
Ion Ratio Lower Upper
107 100
144 23.3 20.2 30.2
142 73.9 62.3 93.5





#37

2-Methylnaphthalene

Concen: 41.330 ng

RT: 8.775 min Scan# 1139

Delta R.T. -0.012 min

Lab File: BF136668.D

Acq: 21 Dec 2023 13:46

Instrument :

BNA_F

ClientSampleId :

SPRING-VALLEY-TP-3MS

Tgt Ion:142 Resp: 41258

Ion Ratio Lower Upper

142 100

141 86.2 71.1 106.7

Manual Integrations

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Reviewed By :Yogesh

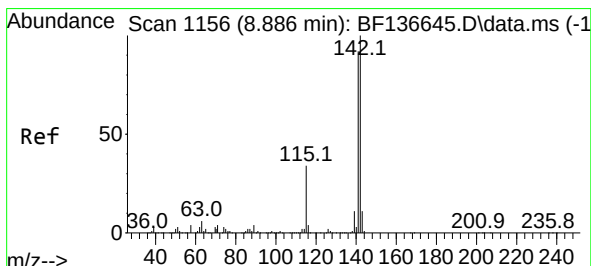
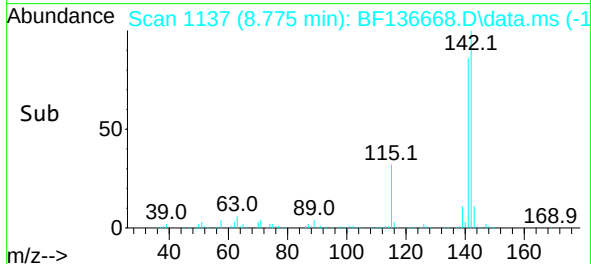
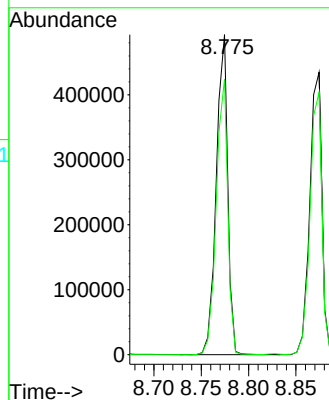
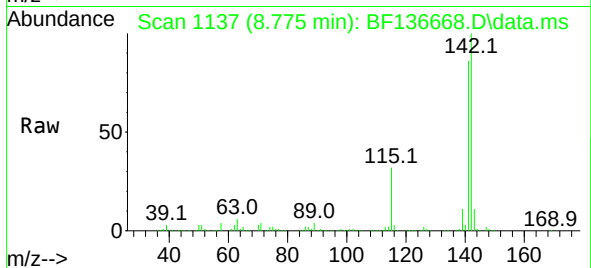
Patel

12/22/2023

Supervised By :mohammad

ahmed

12/22/2023



#38

1-Methylnaphthalene

Concen: 39.714 ng

RT: 8.875 min Scan# 1154

Delta R.T. -0.012 min

Lab File: BF136668.D

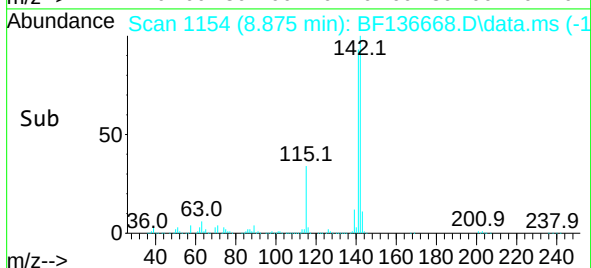
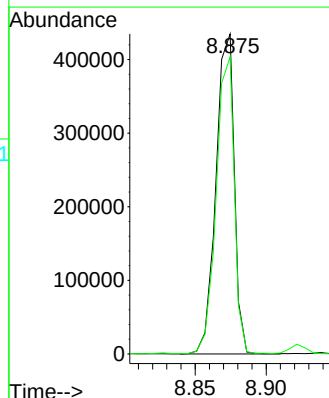
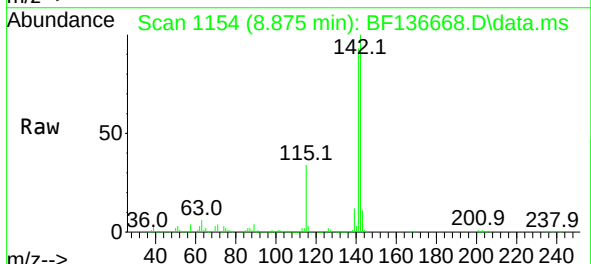
Acq: 21 Dec 2023 13:46

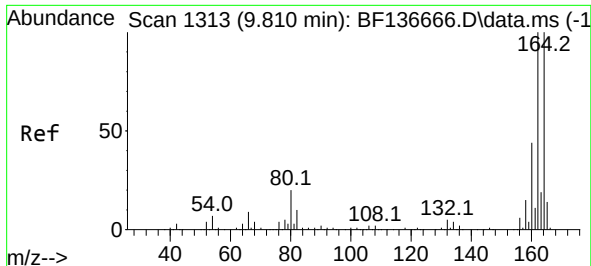
Tgt Ion:142 Resp: 388956

Ion Ratio Lower Upper

142 100

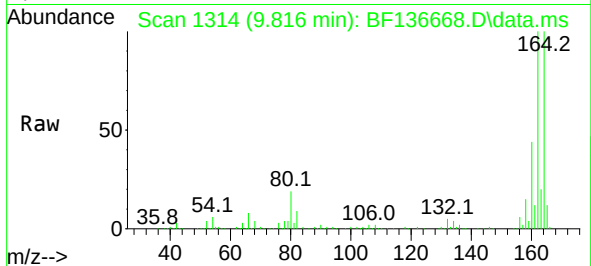
141 92.9 73.6 110.4





#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.816 min Scan# 1165
Delta R.T. -0.012 min
Lab File: BF136668.D
Acq: 21 Dec 2023 13:46

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

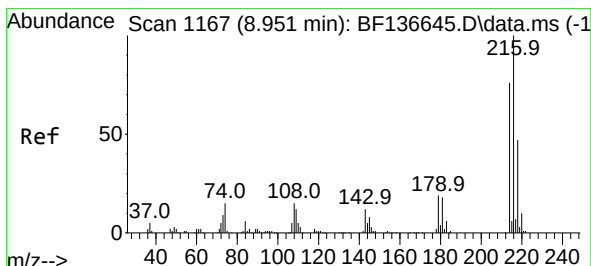
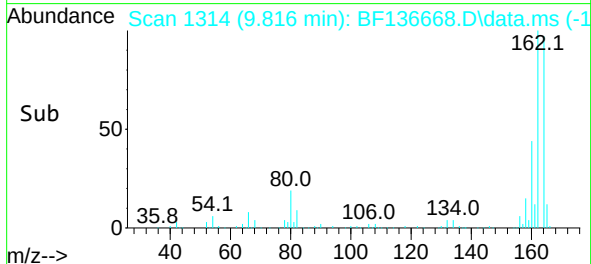
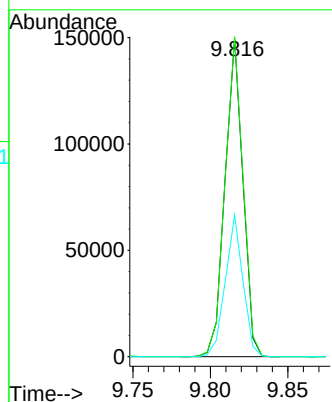


Tgt Ion:164 Resp: 12054
Ion Ratio Lower Upper
164 100
162 100.3 81.6 122.4
160 44.4 34.9 52.3

Manual Integrations
APPROVED

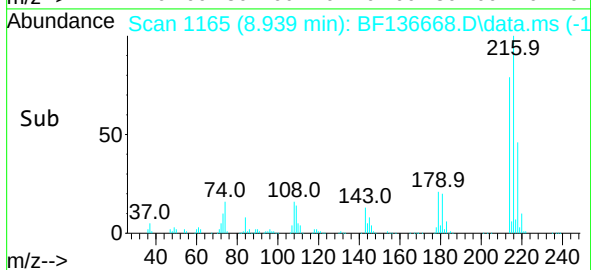
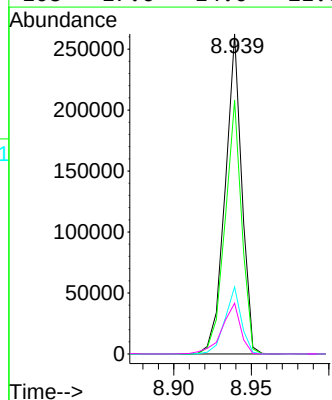
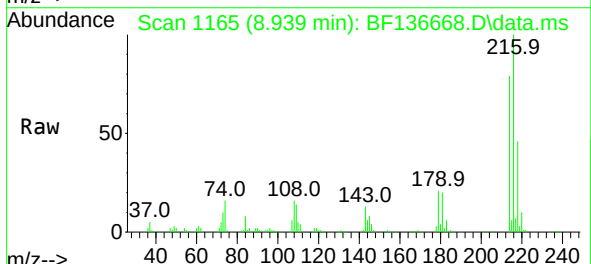
Reviewed By :Yogesh
Patel
12/22/2023

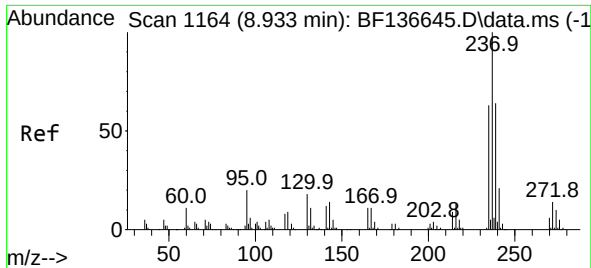
Supervised By :mohammad
ahmed
12/22/2023



#40
1,2,4,5-Tetrachlorobenzene
Concen: 52.549 ng
RT: 8.939 min Scan# 1165
Delta R.T. -0.012 min
Lab File: BF136668.D
Acq: 21 Dec 2023 13:46

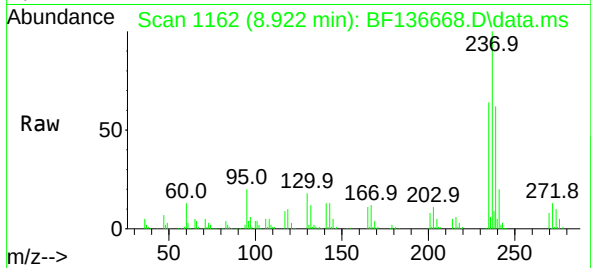
Tgt Ion:216 Resp: 196170
Ion Ratio Lower Upper
216 100
214 79.3 62.3 93.5
179 20.5 16.4 24.6
108 17.6 14.0 21.0





#41
Hexachlorocyclopentadiene
Concen: 69.977 ng
RT: 8.922 min Scan# 1162
Delta R.T. -0.012 min
Lab File: BF136668.D
Acq: 21 Dec 2023 13:46

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

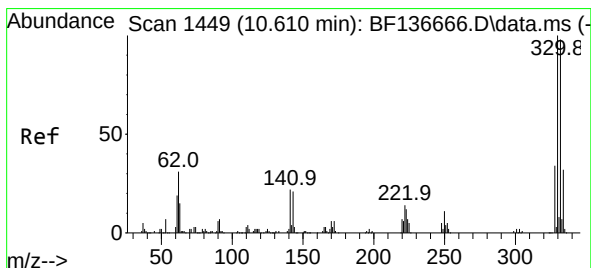
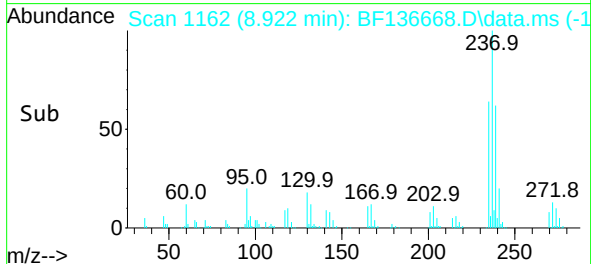
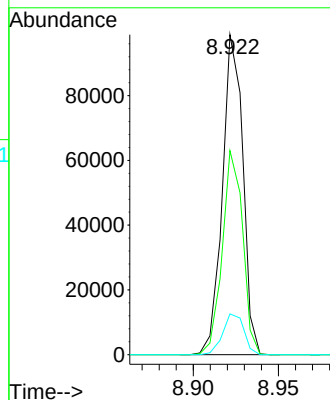


Tgt Ion:237 Resp: 8251
Ion Ratio Lower Upper
237 100
235 63.7 43.2 83.2
272 12.8 0.0 34.2

Manual Integrations
APPROVED

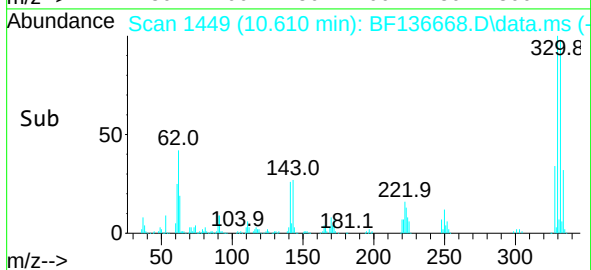
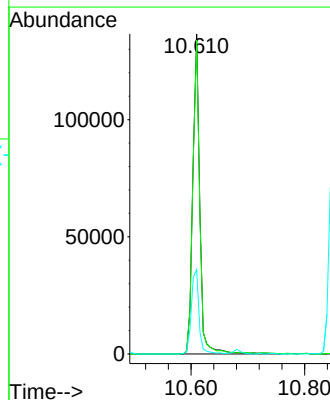
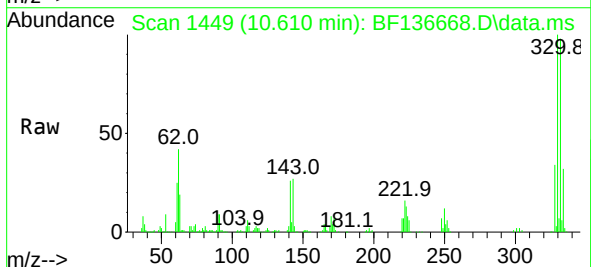
Reviewed By :Yogesh
Patel
12/22/2023

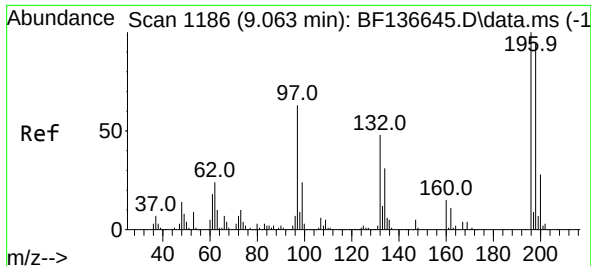
Supervised By :mohammad
ahmed
12/22/2023



#42
2,4,6-Tribromophenol
Concen: 81.984 ng
RT: 10.610 min Scan# 1449
Delta R.T. -0.012 min
Lab File: BF136668.D
Acq: 21 Dec 2023 13:46

Tgt Ion:330 Resp: 116389
Ion Ratio Lower Upper
330 100
332 97.0 77.4 116.0
141 29.0 23.4 35.2





#43

2,4,6-Trichlorophenol

Concen: 48.343 ng

RT: 9.057 min Scan# 1185

Delta R.T. -0.006 min

Lab File: BF136668.D

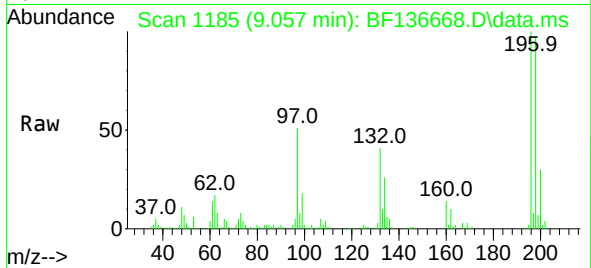
Acq: 21 Dec 2023 13:46

Instrument :

BNA_F

ClientSampleId :

SPRING-VALLEY-TP-3MS



Tgt Ion:196 Resp: 115738

Ion Ratio Lower Upper

196 100

198 96.9 75.1 112.7

200 29.9 22.5 33.7

Manual Integrations

APPROVED

Reviewed By :Yogesh

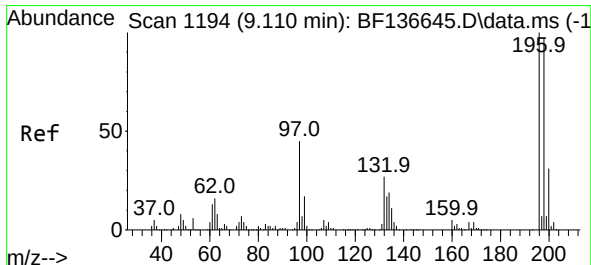
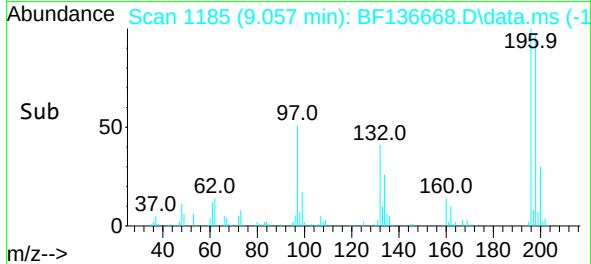
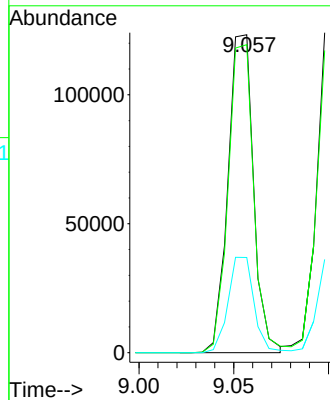
Patel

12/22/2023

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ahmed

12/22/2023



#44

2,4,5-Trichlorophenol

Concen: 46.186 ng

RT: 9.098 min Scan# 1192

Delta R.T. -0.012 min

Lab File: BF136668.D

Acq: 21 Dec 2023 13:46

Tgt Ion:196 Resp: 123219

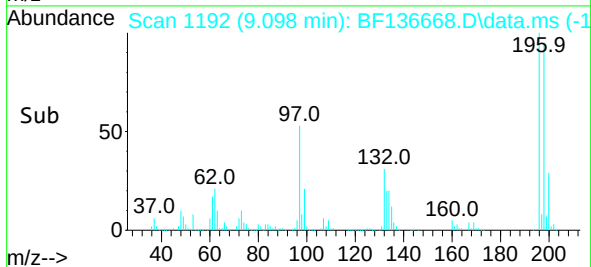
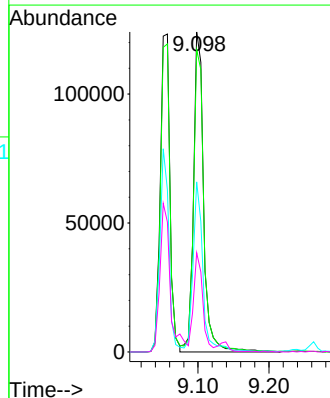
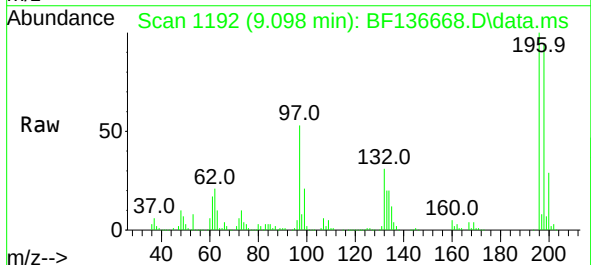
Ion Ratio Lower Upper

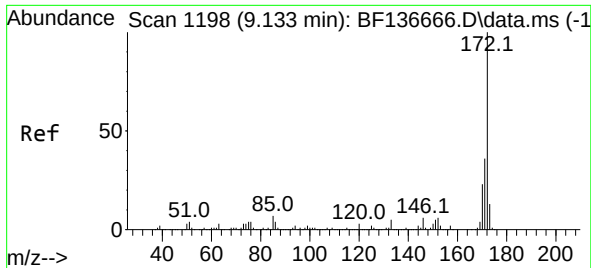
196 100

198 94.4 77.0 115.6

97 53.2 36.1 54.1

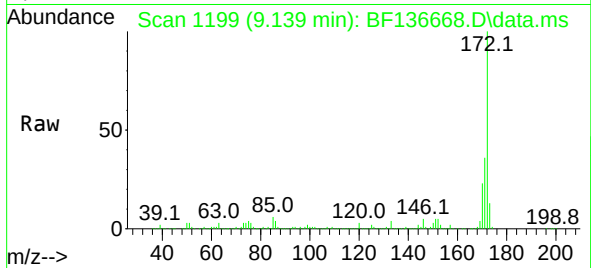
132 31.0 21.8 32.6





#45
2-Fluorobiphenyl
Concen: 72.500 ng
RT: 9.139 min Scan# 1198
Delta R.T. -0.012 min
Lab File: BF136668.D
Acq: 21 Dec 2023 13:46

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

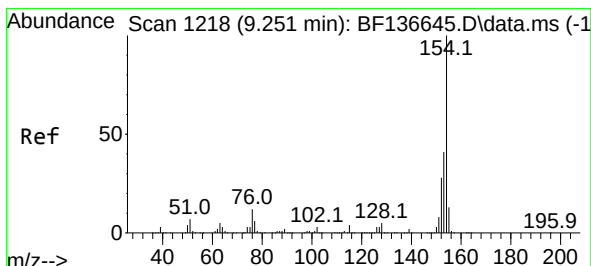
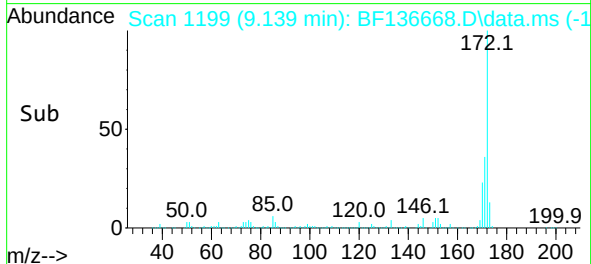
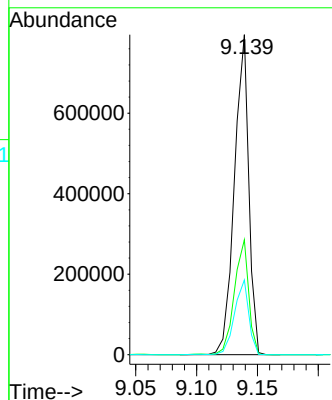


Tgt Ion:172 Resp: 649770
Ion Ratio Lower Upper
172 100
171 35.9 29.0 43.6
170 23.4 19.0 28.4

Manual Integrations
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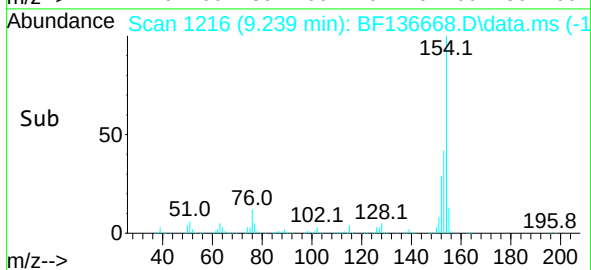
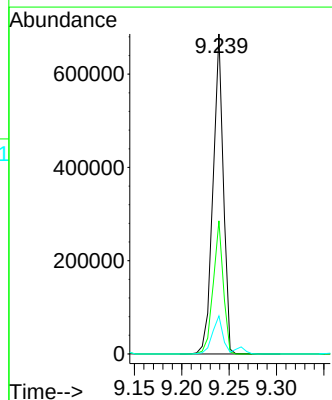
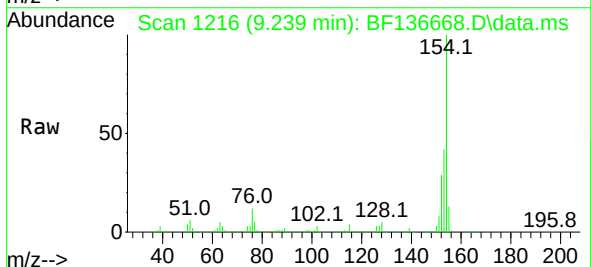
Reviewed By :Yogesh
Patel
12/22/2023

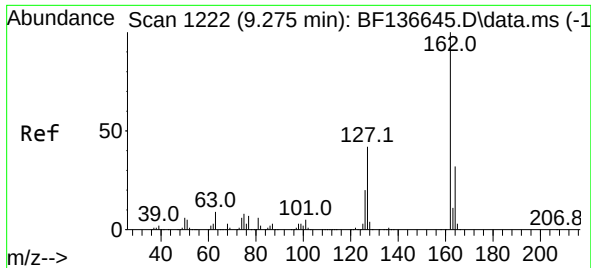
Supervised By :mohammad
ahmed
12/22/2023



#46
1,1'-Biphenyl
Concen: 51.373 ng
RT: 9.239 min Scan# 1216
Delta R.T. -0.012 min
Lab File: BF136668.D
Acq: 21 Dec 2023 13:46

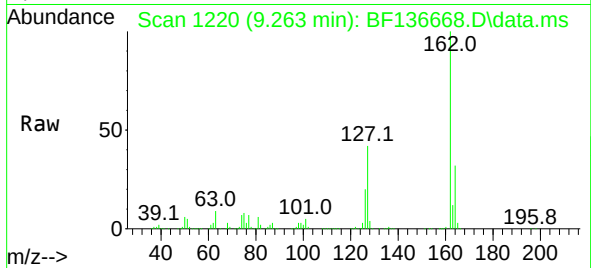
Tgt Ion:154 Resp: 519651
Ion Ratio Lower Upper
154 100
153 41.6 21.1 61.1
76 11.9 0.0 31.7





#47
2-Chloronaphthalene
Concen: 47.380 ng
RT: 9.263 min Scan# 11
Delta R.T. -0.012 min
Lab File: BF136668.D
Acq: 21 Dec 2023 13:46

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

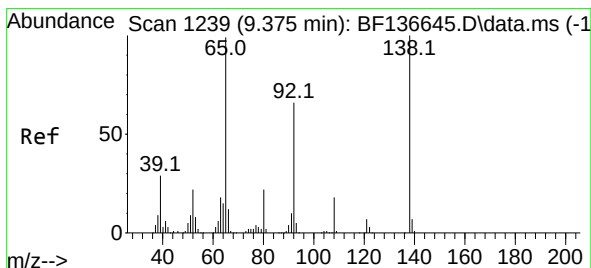
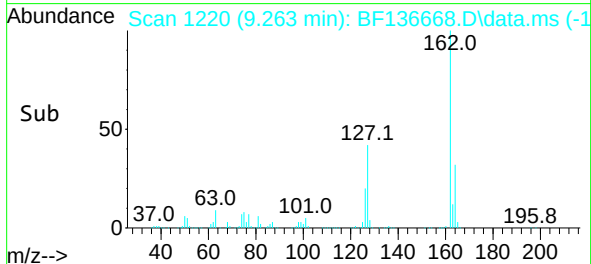
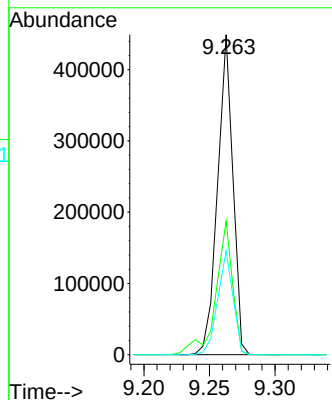


Tgt Ion:162 Resp: 36434
Ion Ratio Lower Upper
162 100
127 41.7 33.6 50.4
164 32.4 25.7 38.5

Manual Integrations
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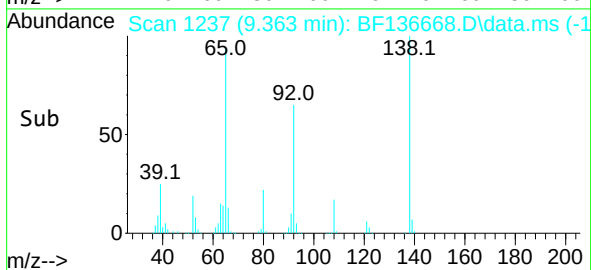
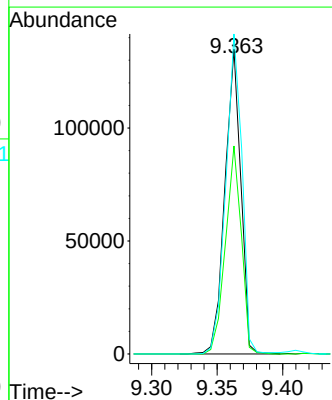
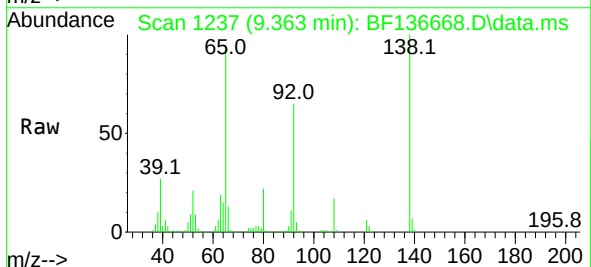
Reviewed By :Yogesh
Patel
12/22/2023

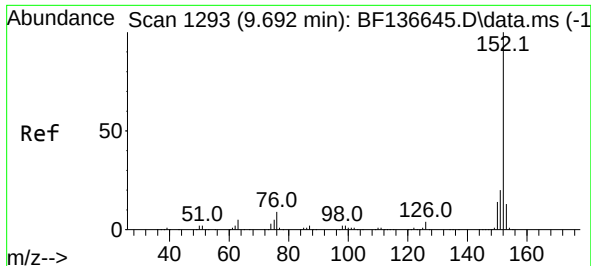
Supervised By :mohammad
ahmed
12/22/2023



#48
2-Nitroaniline
Concen: 47.285 ng
RT: 9.363 min Scan# 1237
Delta R.T. -0.012 min
Lab File: BF136668.D
Acq: 21 Dec 2023 13:46

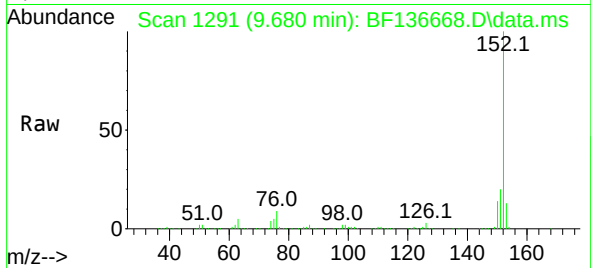
Tgt Ion: 65 Resp: 113865
Ion Ratio Lower Upper
65 100
92 68.2 53.2 79.8
138 105.0 81.1 121.7





#49
Acenaphthylene
Concen: 49.113 ng
RT: 9.680 min Scan# 11
Delta R.T. -0.012 min
Lab File: BF136668.D
Acq: 21 Dec 2023 13:46

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

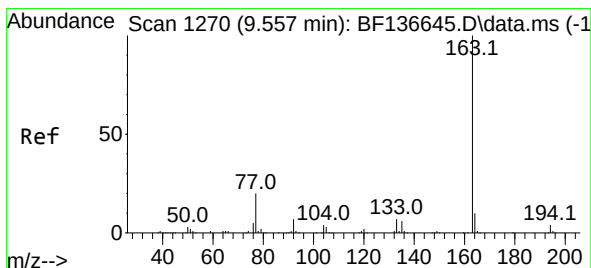
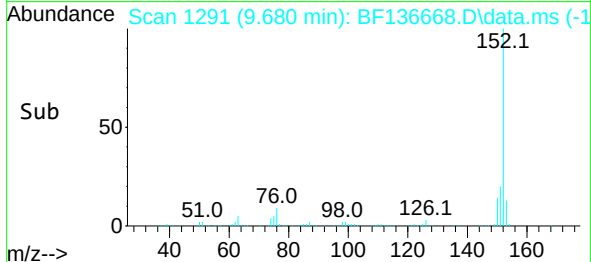
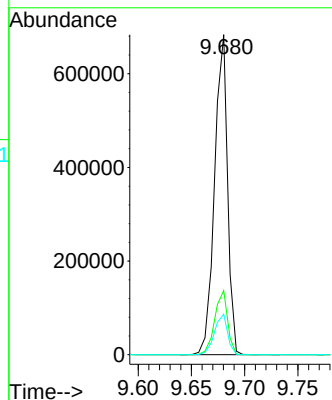


Tgt Ion:152 Resp: 57726
Ion Ratio Lower Upper
152 100
151 20.0 16.2 24.4
153 12.7 10.2 15.2

Manual Integrations
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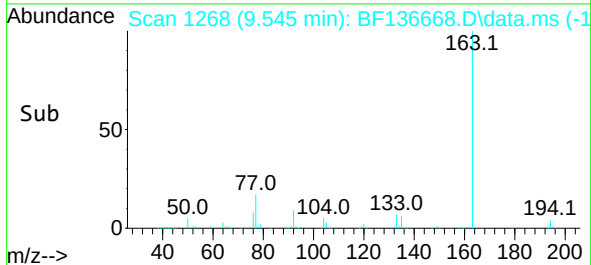
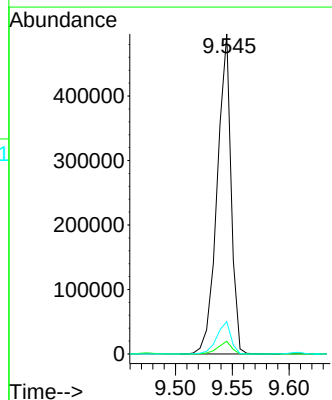
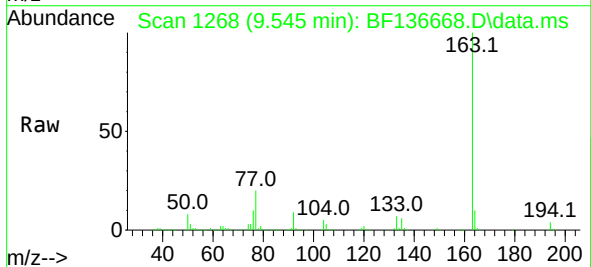
Reviewed By :Yogesh
Patel
12/22/2023

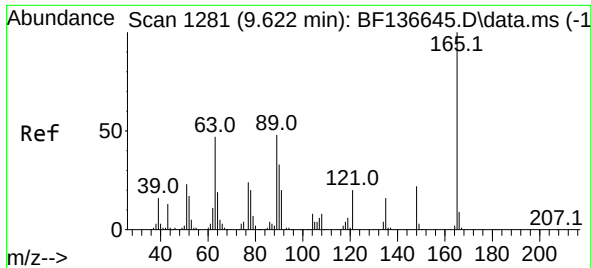
Supervised By :mohammad
ahmed
12/22/2023



#50
Dimethylphthalate
Concen: 47.953 ng
RT: 9.545 min Scan# 1268
Delta R.T. -0.012 min
Lab File: BF136668.D
Acq: 21 Dec 2023 13:46

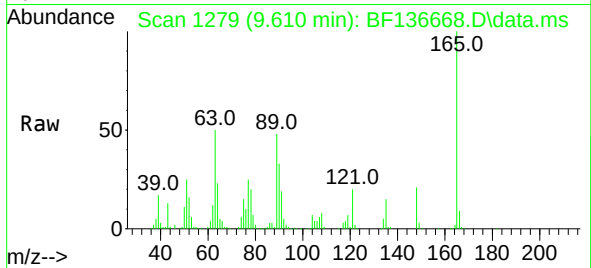
Tgt Ion:163 Resp: 422214
Ion Ratio Lower Upper
163 100
194 4.0 3.3 4.9
164 10.1 7.8 11.6





#51
2,6-Dinitrotoluene
Concen: 44.912 ng
RT: 9.610 min Scan# 11
Delta R.T. -0.012 min
Lab File: BF136668.D
Acq: 21 Dec 2023 13:46

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

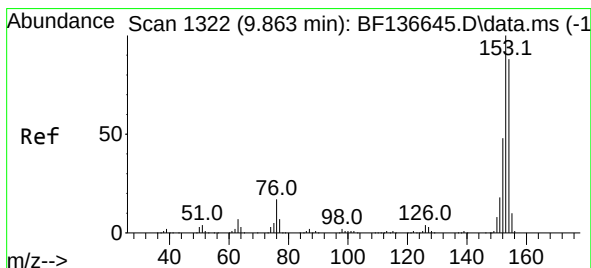
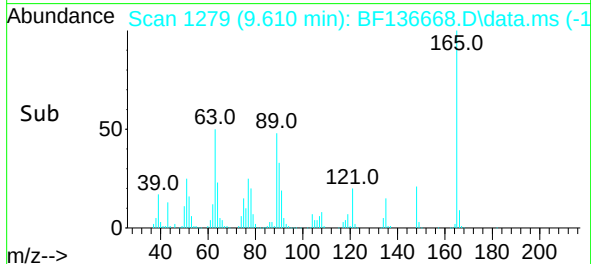
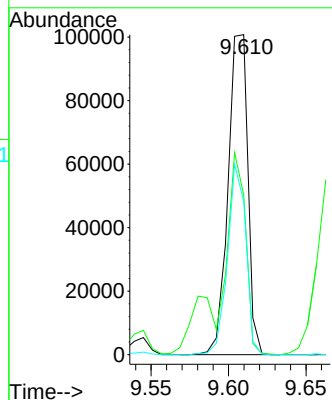


Tgt Ion:165 Resp: 89744
Ion Ratio Lower Upper
165 100
63 49.9 39.8 59.6
89 47.9 38.8 58.2

Manual Integrations
APPROVED

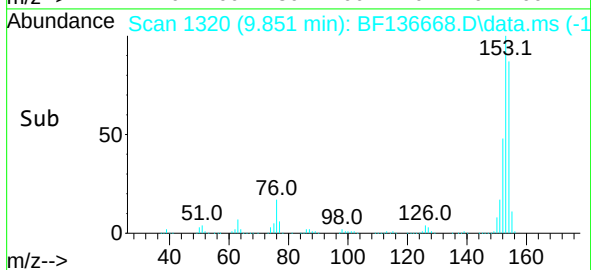
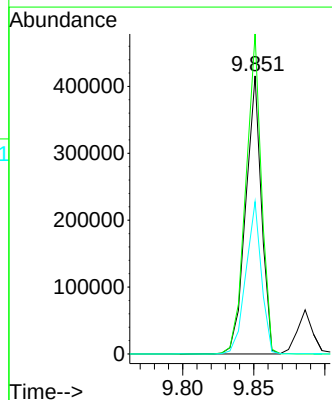
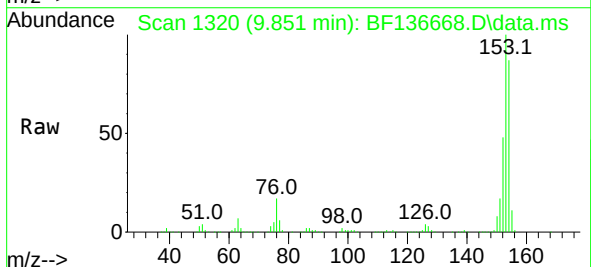
Reviewed By :Yogesh
Patel
12/22/2023

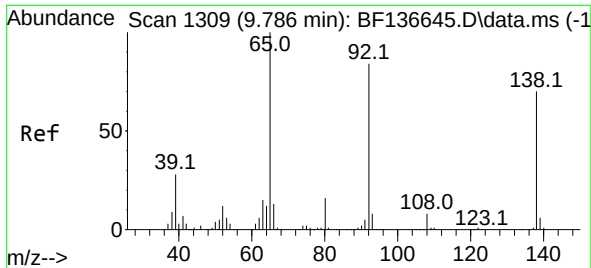
Supervised By :mohammad
ahmed
12/22/2023



#52
Acenaphthene
Concen: 44.103 ng
RT: 9.851 min Scan# 1320
Delta R.T. -0.012 min
Lab File: BF136668.D
Acq: 21 Dec 2023 13:46

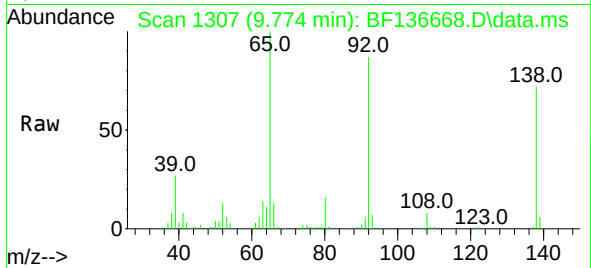
Tgt Ion:154 Resp: 321332
Ion Ratio Lower Upper
154 100
153 115.1 90.7 136.1
152 54.8 43.7 65.5





#53
3-Nitroaniline
Concen: 36.291 ng
RT: 9.774 min Scan# 11
Delta R.T. -0.012 min
Lab File: BF136668.D
Acq: 21 Dec 2023 13:46

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

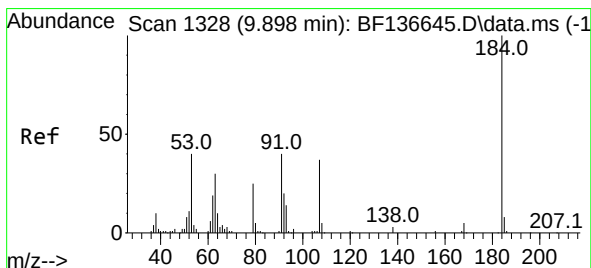
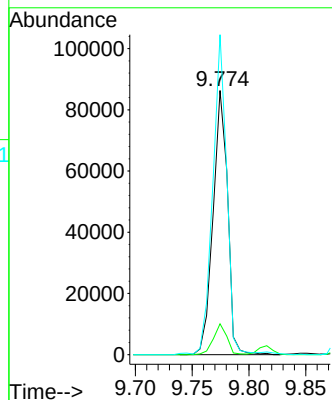


Tgt Ion:138 Resp: 76819
Ion Ratio Lower Upper
138 100
108 11.7 8.6 12.8
92 121.1 95.2 142.8

Manual Integrations
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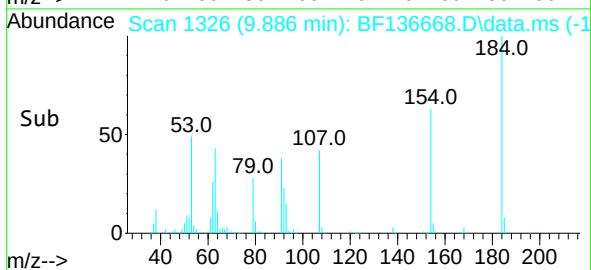
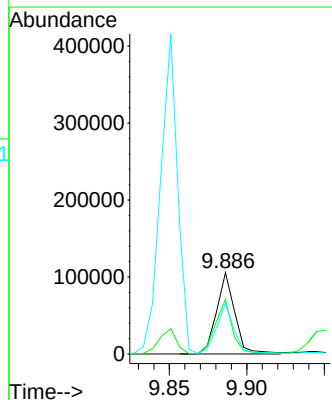
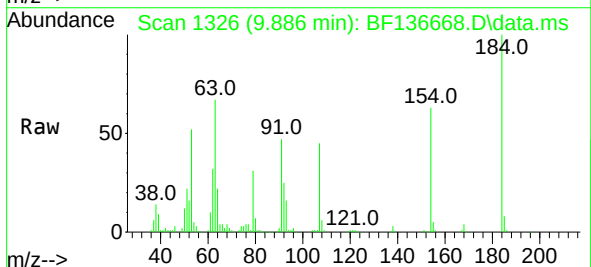
Reviewed By :Yogesh
Patel
12/22/2023

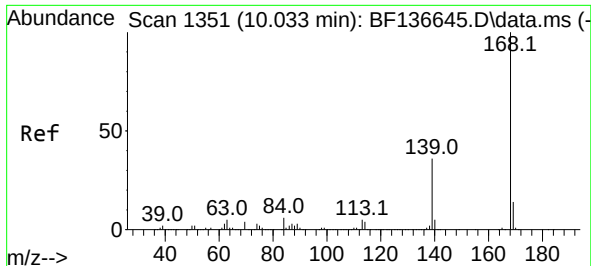
Supervised By :mohammad
ahmed
12/22/2023



#54
2,4-Dinitrophenol
Concen: 78.167 ng
RT: 9.886 min Scan# 1326
Delta R.T. -0.012 min
Lab File: BF136668.D
Acq: 21 Dec 2023 13:46

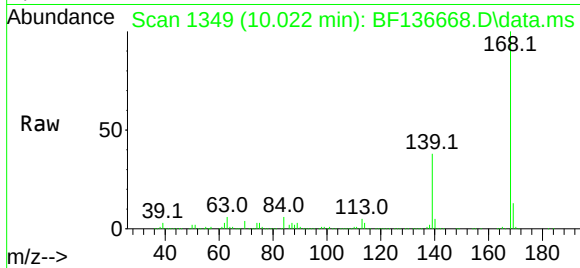
Tgt Ion:184 Resp: 86468
Ion Ratio Lower Upper
184 100
63 67.1 40.9 61.3#
154 62.6 42.7 64.1





#55
Dibenzofuran
Concen: 44.331 ng
RT: 10.022 min Scan# 11
Delta R.T. -0.012 min
Lab File: BF136668.D
Acq: 21 Dec 2023 13:46

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

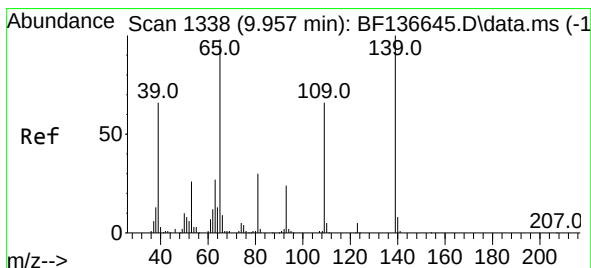
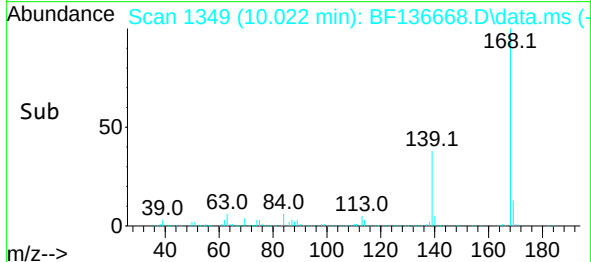
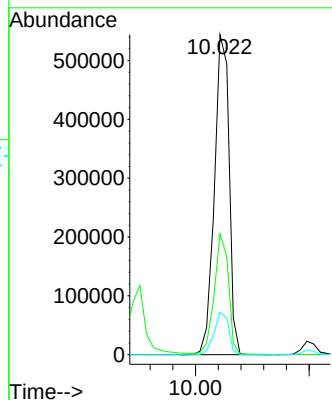


Tgt Ion:168 Resp: 489614
Ion Ratio Lower Upper
168 100
139 37.8 29.3 43.9
169 13.3 11.0 16.4

Manual Integrations
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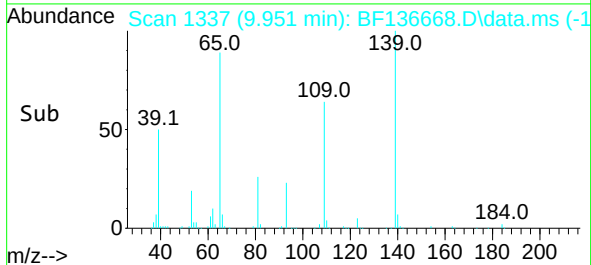
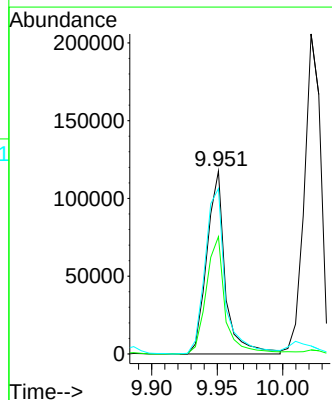
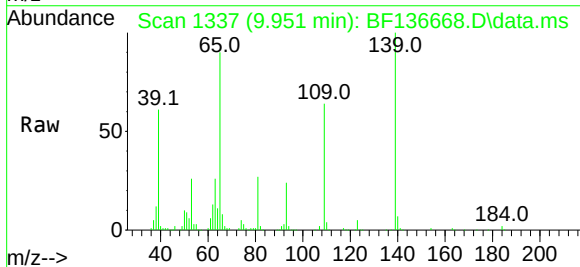
Reviewed By :Yogesh
Patel
12/22/2023

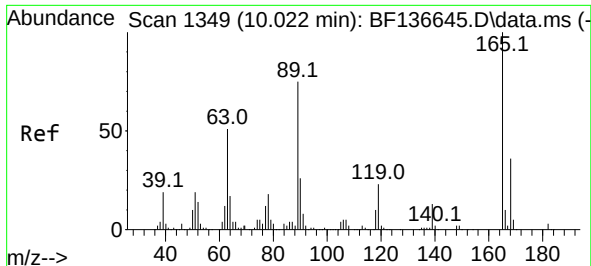
Supervised By :mohammad
ahmed
12/22/2023



#56
4-Nitrophenol
Concen: 80.474 ng
RT: 9.951 min Scan# 1337
Delta R.T. -0.006 min
Lab File: BF136668.D
Acq: 21 Dec 2023 13:46

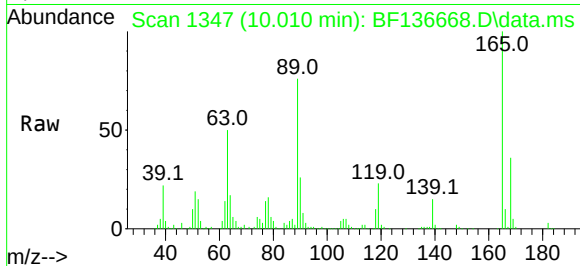
Tgt Ion:139 Resp: 114992
Ion Ratio Lower Upper
139 100
109 64.1 45.8 85.8
65 90.4 77.8 117.8





#57
2,4-Dinitrotoluene
Concen: 40.668 ng
RT: 10.010 min Scan# 11
Delta R.T. -0.012 min
Lab File: BF136668.D
Acq: 21 Dec 2023 13:46

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

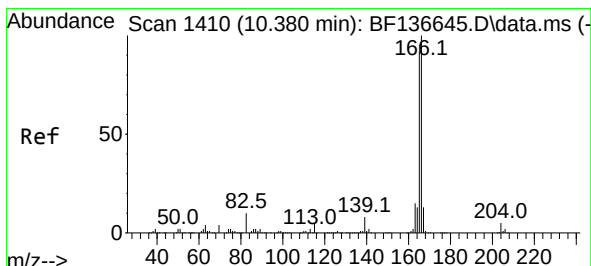
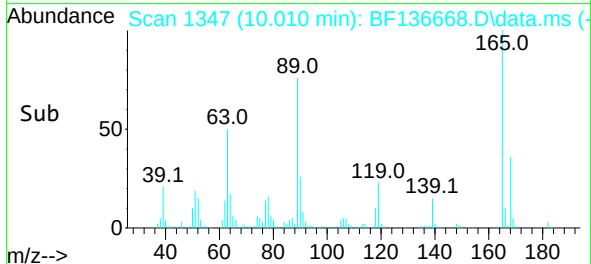
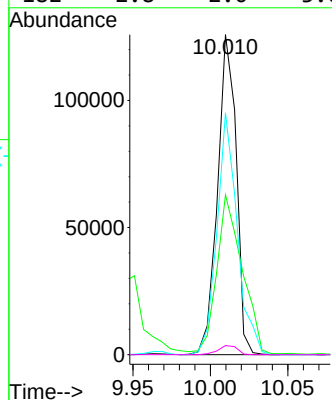


Tgt Ion:165 Resp: 105490
Ion Ratio Lower Upper
165 100
63 50.0 41.0 61.6
89 75.6 59.9 89.9
182 2.8 2.0 3.0

Manual Integrations
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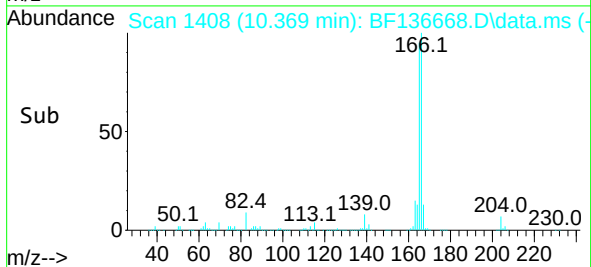
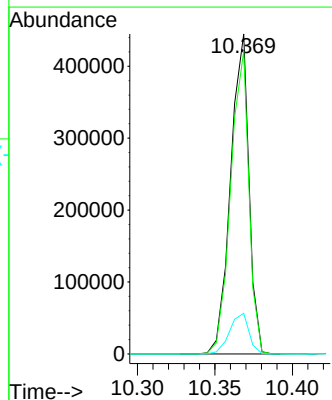
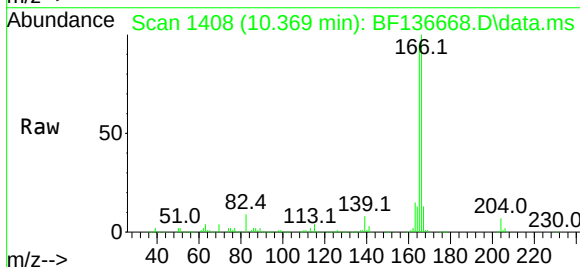
Reviewed By :Yogesh
Patel
12/22/2023

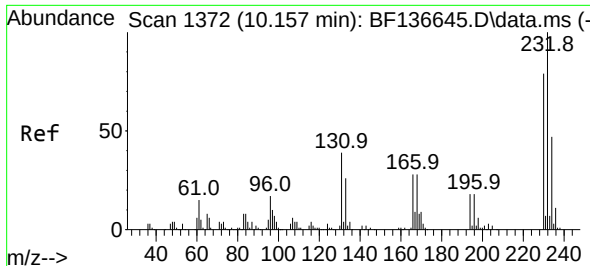
Supervised By :mohammad
ahmed
12/22/2023



#58
Fluorene
Concen: 41.781 ng
RT: 10.369 min Scan# 1408
Delta R.T. -0.012 min
Lab File: BF136668.D
Acq: 21 Dec 2023 13:46

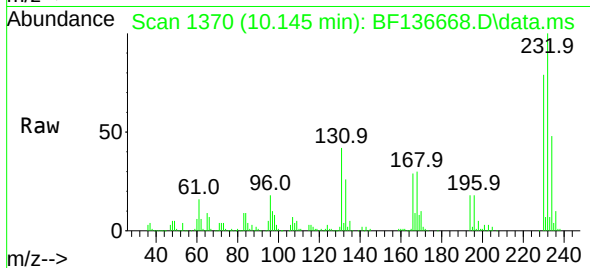
Tgt Ion:166 Resp: 366146
Ion Ratio Lower Upper
166 100
165 94.5 73.7 110.5
167 12.7 10.4 15.6





#59
2,3,4,6-Tetrachlorophenol
Concen: 44.051 ng
RT: 10.145 min Scan# 11
Delta R.T. -0.012 min
Lab File: BF136668.D
Acq: 21 Dec 2023 13:46

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

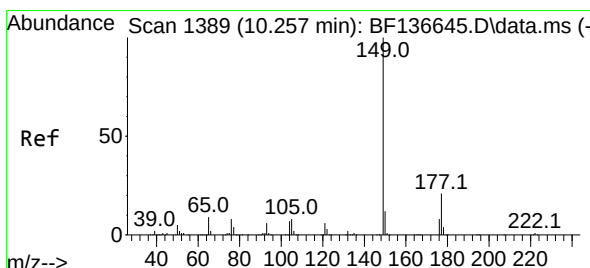
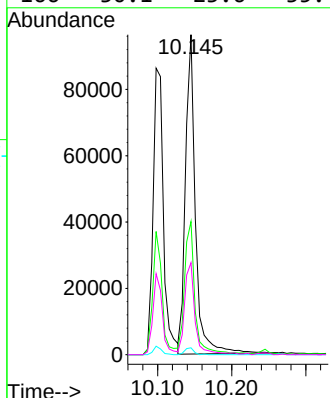
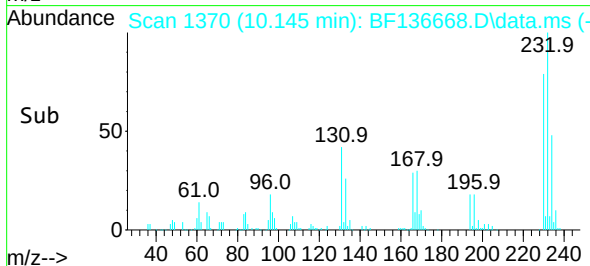


Tgt Ion:232 Resp: 9046
Ion Ratio Lower Upper
232 100
131 44.3 35.1 52.7
130 2.0 1.6 2.4
166 30.1 23.6 35.4

Manual Integrations
APPROVED

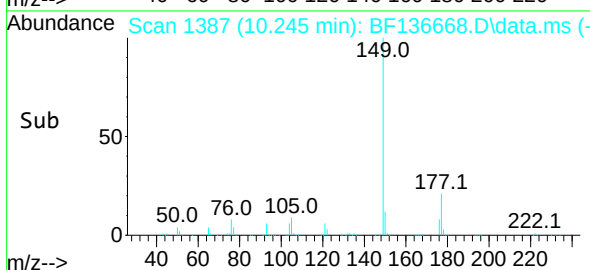
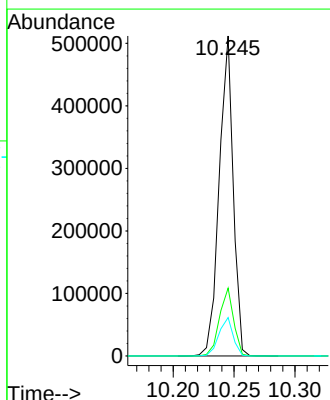
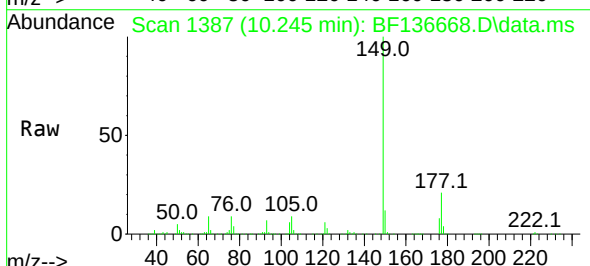
Reviewed By :Yogesh
Patel
12/22/2023

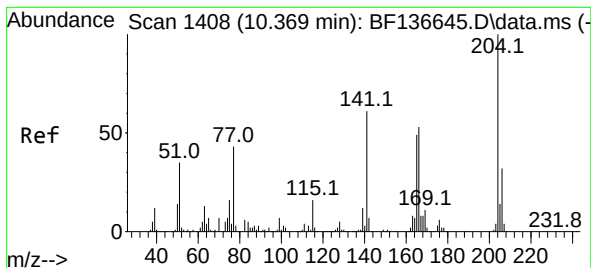
Supervised By :mohammad
ahmed
12/22/2023



#60
Diethylphthalate
Concen: 44.890 ng
RT: 10.245 min Scan# 1387
Delta R.T. -0.012 min
Lab File: BF136668.D
Acq: 21 Dec 2023 13:46

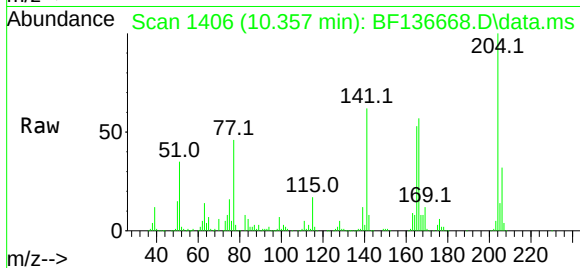
Tgt Ion:149 Resp: 410085
Ion Ratio Lower Upper
149 100
177 21.2 16.9 25.3
150 12.0 9.3 13.9





#61
4-Chlorophenyl-phenylether
Concen: 42.443 ng
RT: 10.357 min Scan# 1406
Delta R.T. -0.012 min
Lab File: BF136668.D
Acq: 21 Dec 2023 13:46

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

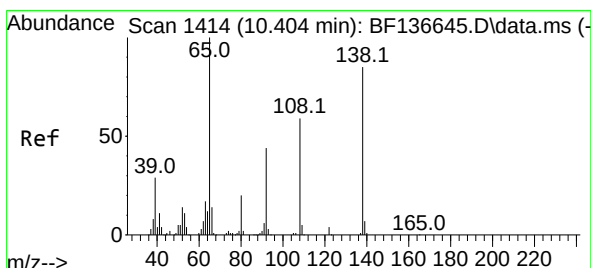
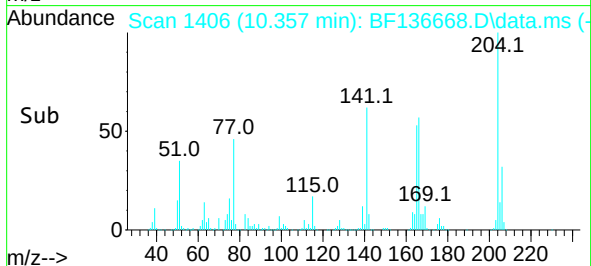
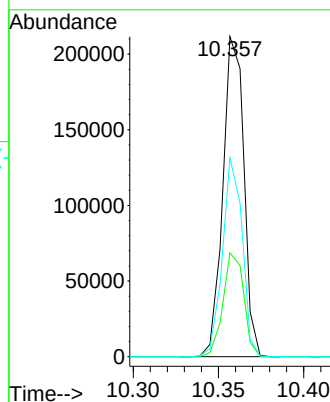


Tgt Ion:204 Resp: 180789
Ion Ratio Lower Upper
204 100
206 32.5 25.6 38.4
141 62.1 48.4 72.6

Manual Integrations
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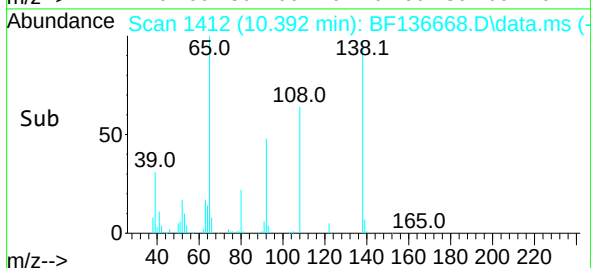
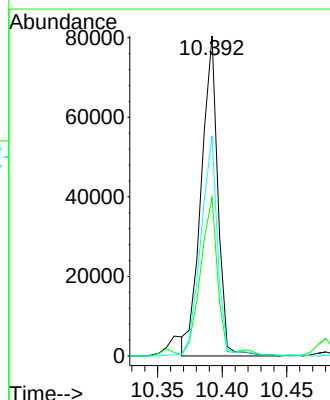
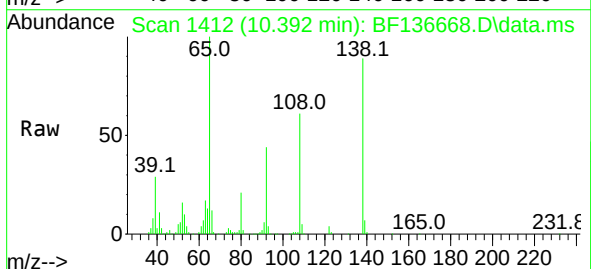
Reviewed By :Yogesh
Patel
12/22/2023

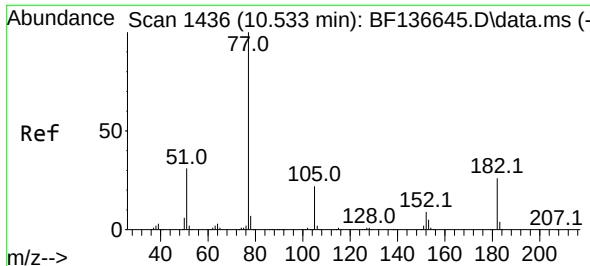
Supervised By :mohammad
ahmed
12/22/2023



#62
4-Nitroaniline
Concen: 35.366 ng m
RT: 10.392 min Scan# 1412
Delta R.T. -0.012 min
Lab File: BF136668.D
Acq: 21 Dec 2023 13:46

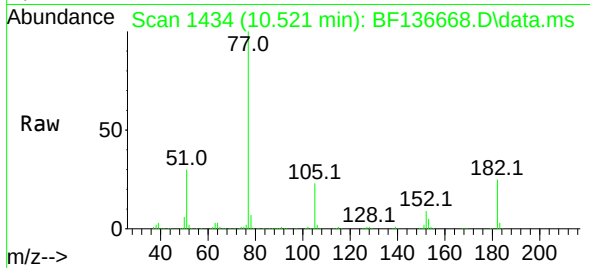
Tgt Ion:138 Resp: 72167
Ion Ratio Lower Upper
138 100
92 49.5 32.1 72.1
108 68.7 50.1 90.1





#63
Azobenzene
Concen: 41.407 ng
RT: 10.521 min Scan# 1436
Delta R.T. -0.012 min
Lab File: BF136668.D
Acq: 21 Dec 2023 13:46

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

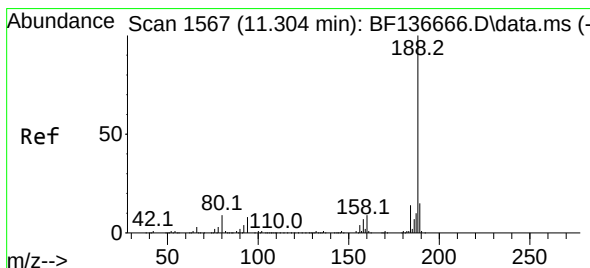
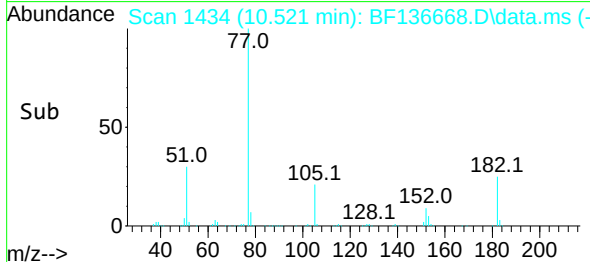
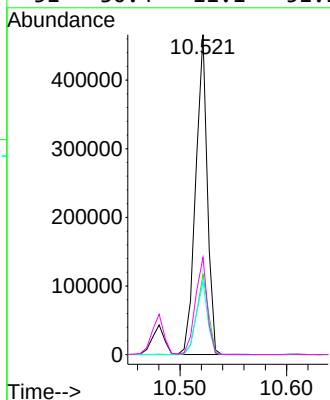


Tgt Ion: 77 Resp: 353308
Ion Ratio Lower Upper
77 100
182 25.1 6.0 46.0
105 22.7 2.3 42.3
51 30.4 11.1 51.1

Manual Integrations
APPROVED

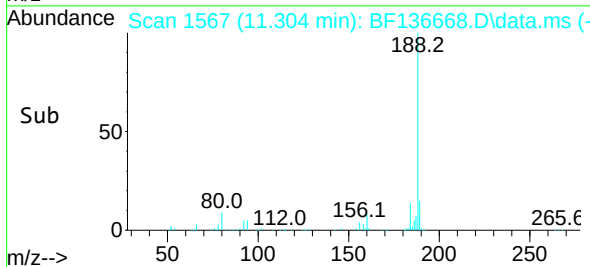
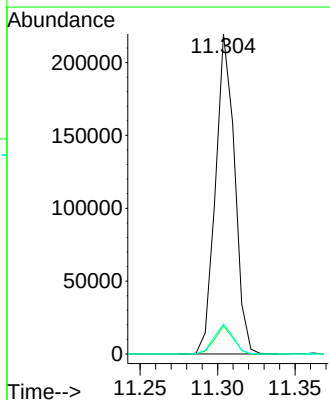
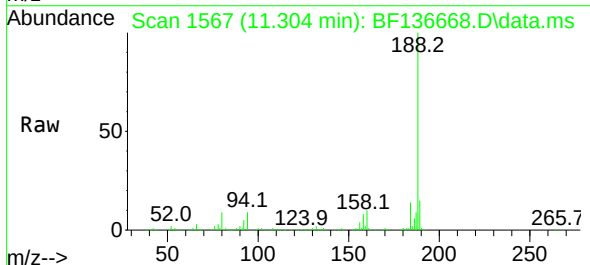
Reviewed By :Yogesh
Patel
12/22/2023

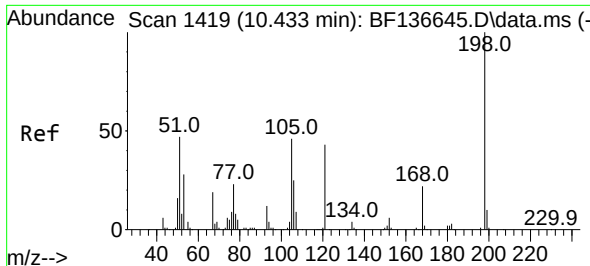
Supervised By :mohammad
ahmed
12/22/2023



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.304 min Scan# 1567
Delta R.T. -0.012 min
Lab File: BF136668.D
Acq: 21 Dec 2023 13:46

Tgt Ion:188 Resp: 188308
Ion Ratio Lower Upper
188 100
94 8.8 7.5 11.3
80 9.4 8.1 12.1





#65
4,6-Dinitro-2-methylphenol
Concen: 49.317 ng
RT: 10.421 min Scan# 1419
Delta R.T. -0.012 min
Lab File: BF136668.D
Acq: 21 Dec 2023 13:46

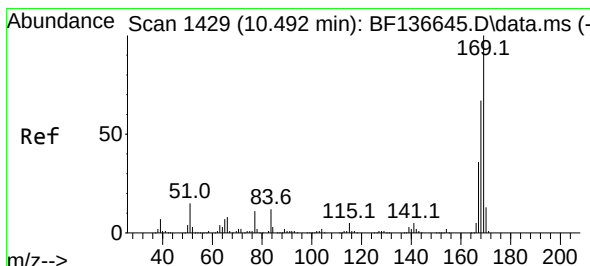
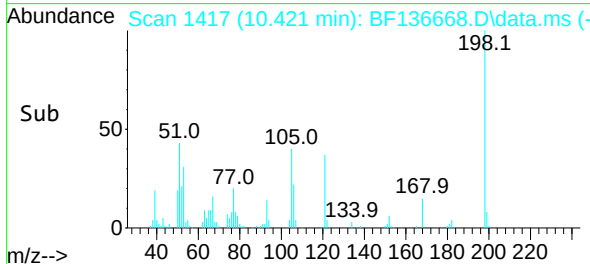
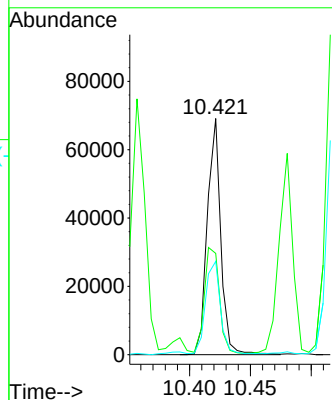
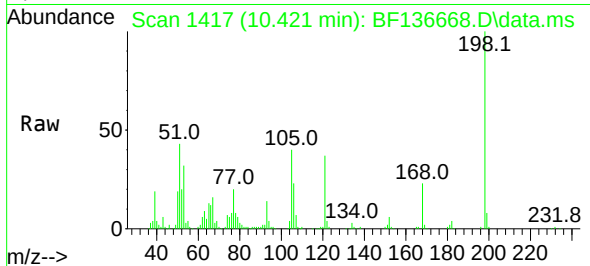
Instrument :
BNA_F
ClientSampleId :
SPRING-VALLEY-TP-3MS

Tgt Ion:198 Resp: 53221
Ion Ratio Lower Upper
198 100
51 42.9 34.1 74.1
105 39.5 27.3 67.3

Manual Integrations
APPROVED

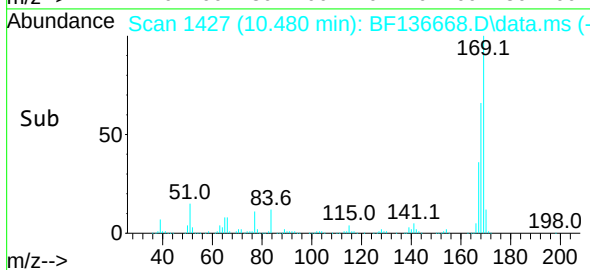
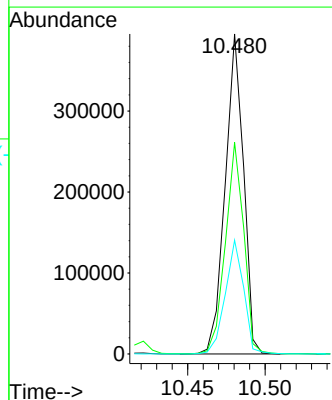
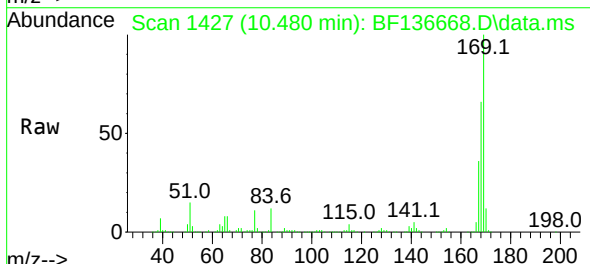
Reviewed By :Yogesh
Patel
12/22/2023

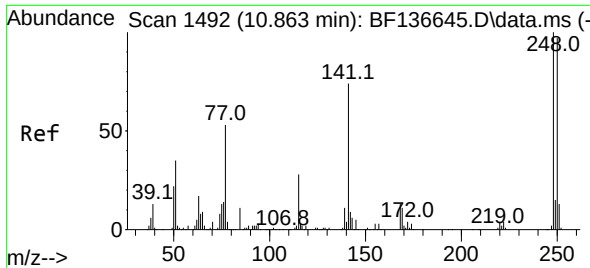
Supervised By :mohammad
ahmed
12/22/2023



#66
n-Nitrosodiphenylamine
Concen: 53.062 ng
RT: 10.480 min Scan# 1427
Delta R.T. -0.012 min
Lab File: BF136668.D
Acq: 21 Dec 2023 13:46

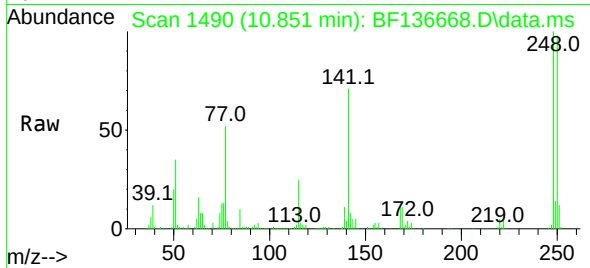
Tgt Ion:169 Resp: 324584
Ion Ratio Lower Upper
169 100
168 66.1 53.8 80.6
167 35.5 28.7 43.1





#67
4-Bromophenyl-phenylether
Concen: 48.518 ng
RT: 10.851 min Scan# 1490
Delta R.T. -0.012 min
Lab File: BF136668.D
Acq: 21 Dec 2023 13:46

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

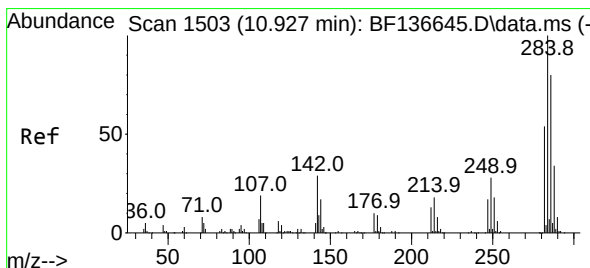
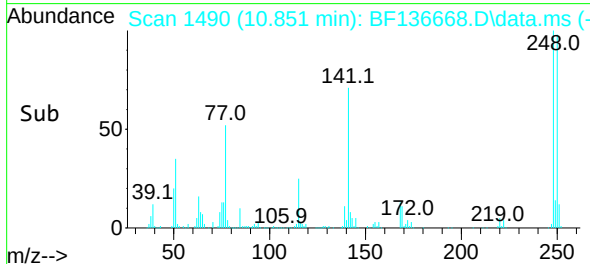
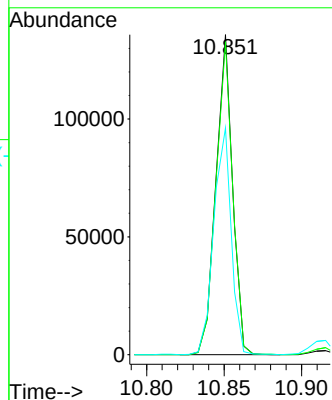


Tgt Ion:248 Resp: 101460
Ion Ratio Lower Upper
248 100
250 97.8 77.8 116.6
141 70.9 59.2 88.8

Manual Integrations
APPROVED

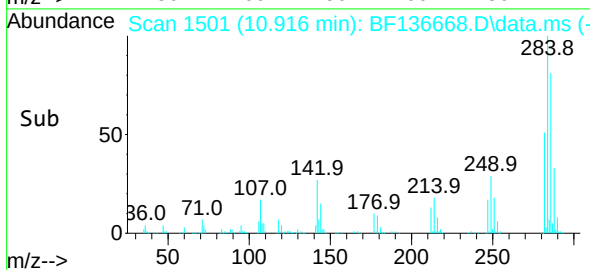
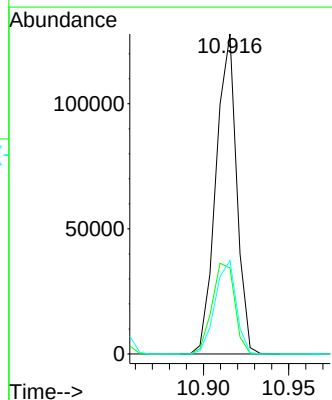
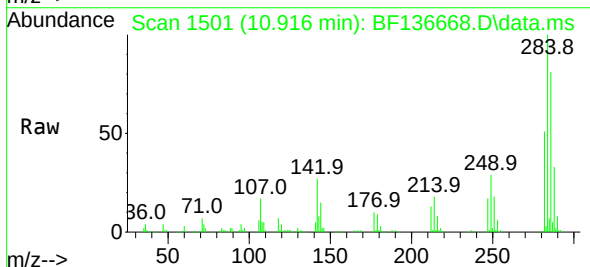
Reviewed By :Yogesh
Patel
12/22/2023

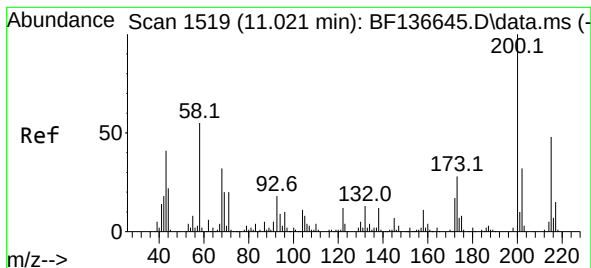
Supervised By :mohammad
ahmed
12/22/2023



#68
Hexachlorobenzene
Concen: 46.321 ng
RT: 10.916 min Scan# 1501
Delta R.T. -0.012 min
Lab File: BF136668.D
Acq: 21 Dec 2023 13:46

Tgt Ion:284 Resp: 107954
Ion Ratio Lower Upper
284 100
142 26.9 23.4 35.0
249 29.2 22.3 33.5





#69

Atrazine

Concen: 61.304 ng

RT: 11.016 min Scan# 1518

Delta R.T. -0.006 min

Lab File: BF136668.D

Acq: 21 Dec 2023 13:46

Instrument :

BNA_F

ClientSampleId :

SPRING-VALLEY-TP-3MS

Tgt Ion:200 Resp: 9591

Ion Ratio Lower Upper

200 100

173 26.7 7.6 47.6

215 50.6 28.3 68.3

Manual Integrations

APPROVED

Reviewed By :Yogesh

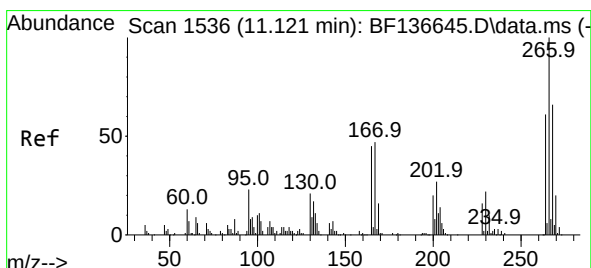
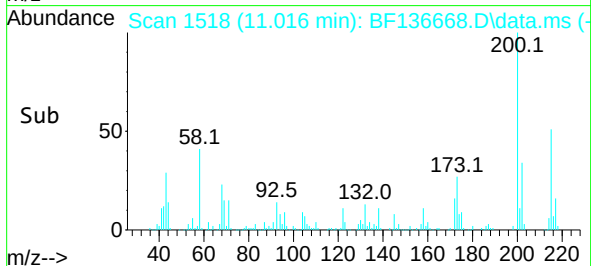
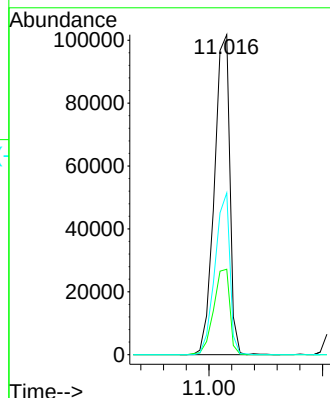
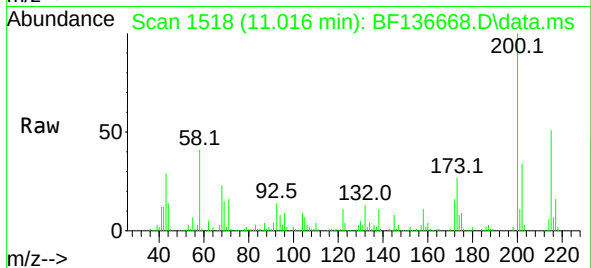
Patel

12/22/2023

Supervised By :mohammad

ahmed

12/22/2023



#70

Pentachlorophenol

Concen: 96.075 ng

RT: 11.116 min Scan# 1535

Delta R.T. -0.006 min

Lab File: BF136668.D

Acq: 21 Dec 2023 13:46

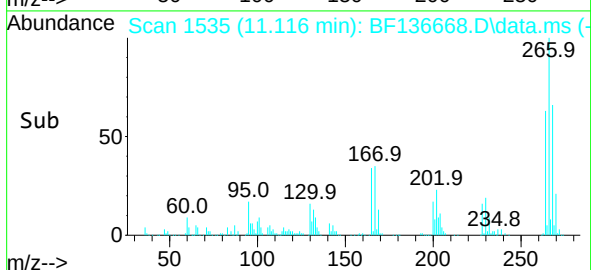
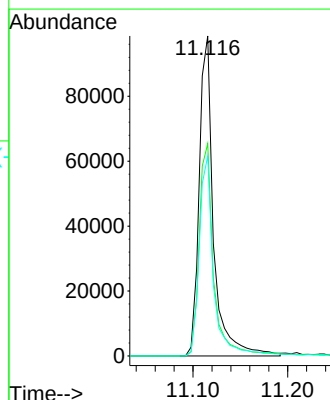
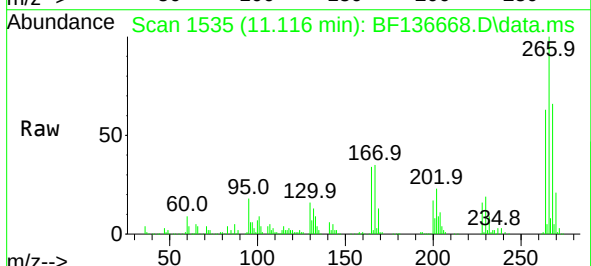
Tgt Ion:266 Resp: 104367

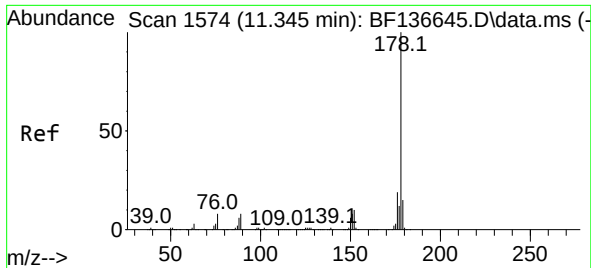
Ion Ratio Lower Upper

266 100

268 66.3 52.6 78.8

264 62.5 49.0 73.4





#71
Phenanthrene
Concen: 47.868 ng
RT: 11.333 min Scan# 11
Delta R.T. -0.012 min
Lab File: BF136668.D
Acq: 21 Dec 2023 13:46

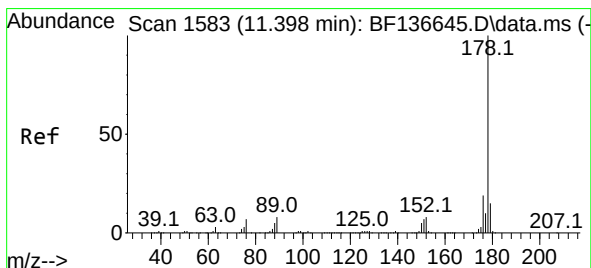
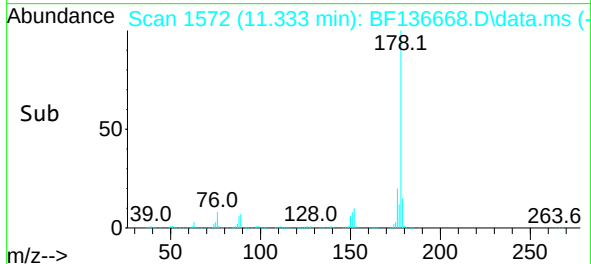
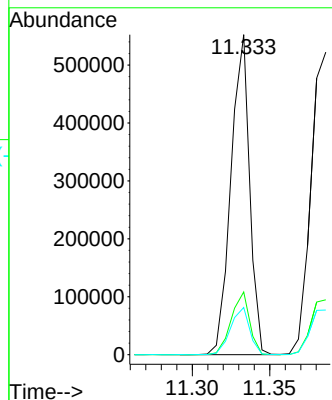
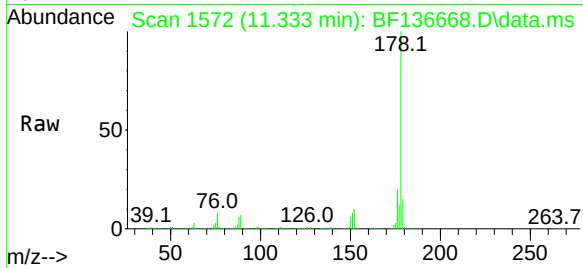
Instrument :
BNA_F
ClientSampleId :
SPRING-VALLEY-TP-3MS

Tgt Ion:178 Resp: 46251
Ion Ratio Lower Upper
178 100
176 19.6 15.3 22.9
179 14.8 11.9 17.9

Manual Integrations
APPROVED

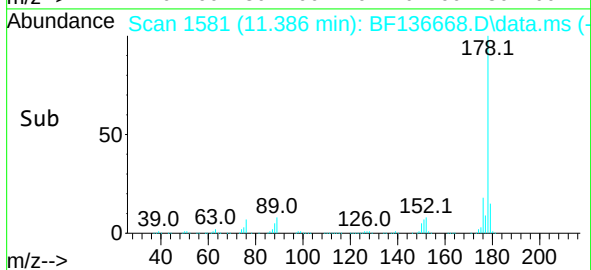
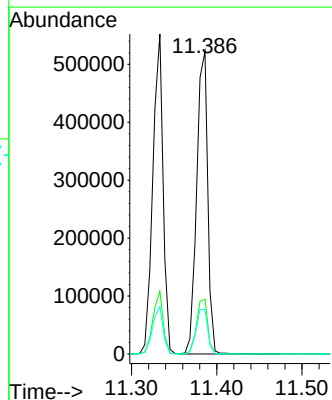
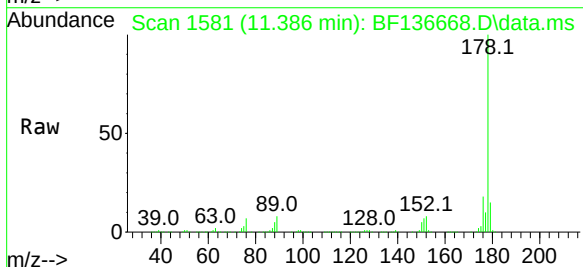
Reviewed By :Yogesh
Patel
12/22/2023

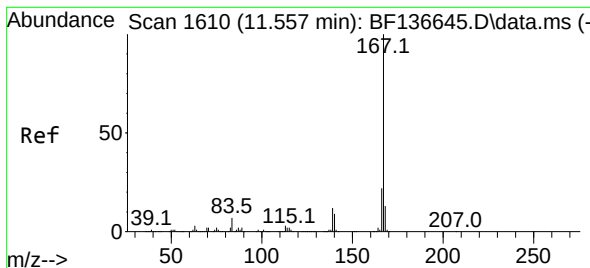
Supervised By :mohammad
ahmed
12/22/2023



#72
Anthracene
Concen: 48.238 ng
RT: 11.386 min Scan# 1581
Delta R.T. -0.012 min
Lab File: BF136668.D
Acq: 21 Dec 2023 13:46

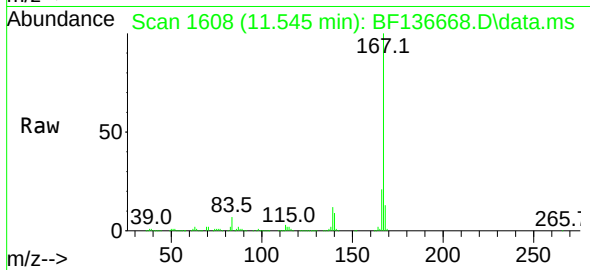
Tgt Ion:178 Resp: 472019
Ion Ratio Lower Upper
178 100
176 18.1 14.9 22.3
179 14.8 11.8 17.6





#73
 Carbazole
 Concen: 46.616 ng
 RT: 11.545 min Scan# 1608
 Delta R.T. -0.012 min
 Lab File: BF136668.D
 Acq: 21 Dec 2023 13:46

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

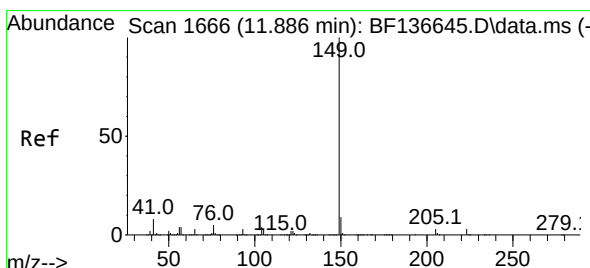
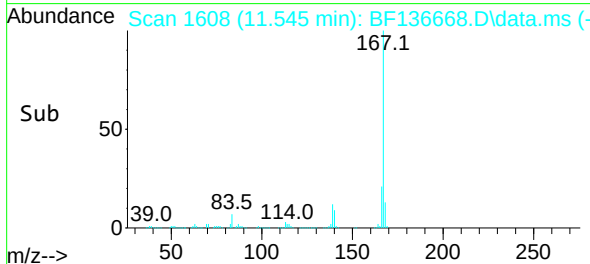
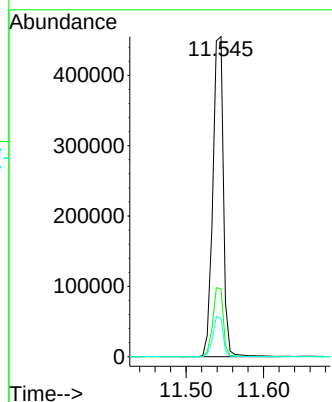


Tgt Ion:167 Resp: 430064
 Ion Ratio Lower Upper
 167 100
 166 21.2 17.3 25.9
 139 12.0 9.8 14.6

Manual Integrations
 APPROVED

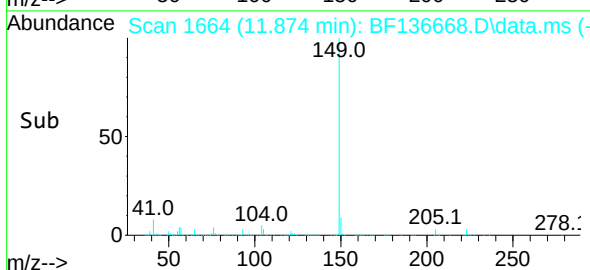
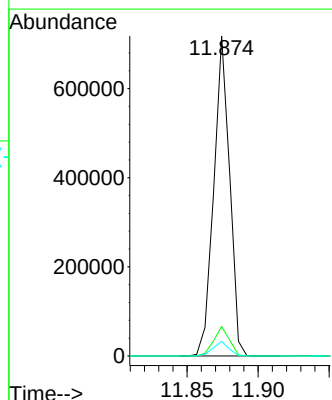
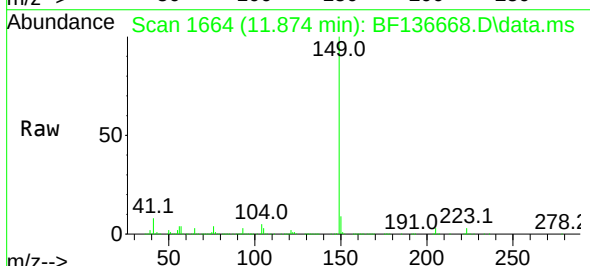
Reviewed By :Yogesh
 Patel
 12/22/2023

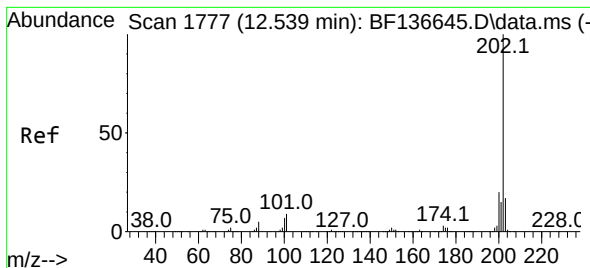
Supervised By :mohammad
 ahmed
 12/22/2023



#74
 Di-n-butylphthalate
 Concen: 49.512 ng
 RT: 11.874 min Scan# 1664
 Delta R.T. -0.012 min
 Lab File: BF136668.D
 Acq: 21 Dec 2023 13:46

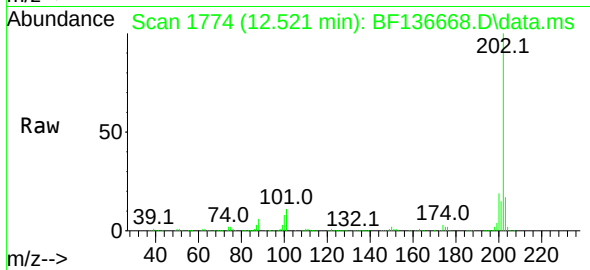
Tgt Ion:149 Resp: 557380
 Ion Ratio Lower Upper
 149 100
 150 9.2 7.4 11.2
 104 4.5 3.6 5.4





#75
Fluoranthene
Concen: 49.067 ng
RT: 12.521 min Scan# 11
Delta R.T. -0.018 min
Lab File: BF136668.D
Acq: 21 Dec 2023 13:46

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

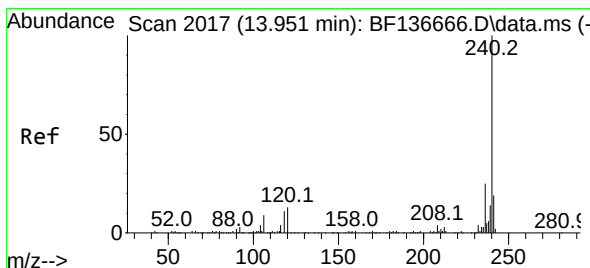
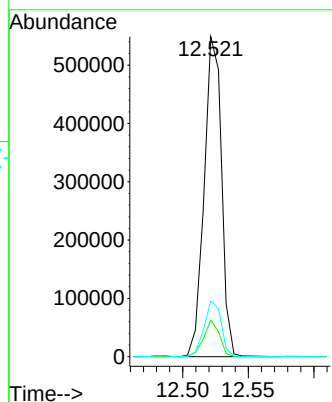


Tgt Ion:202 Resp: 507110
Ion Ratio Lower Upper
202 100
101 11.4 0.0 29.3
203 17.4 0.0 37.1

Manual Integrations
APPROVED

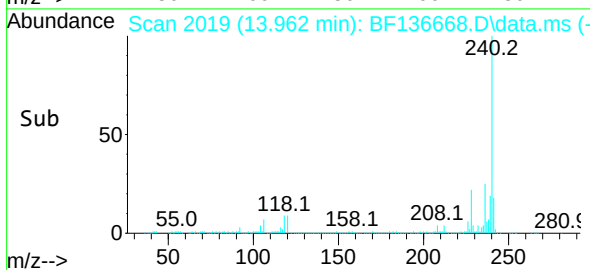
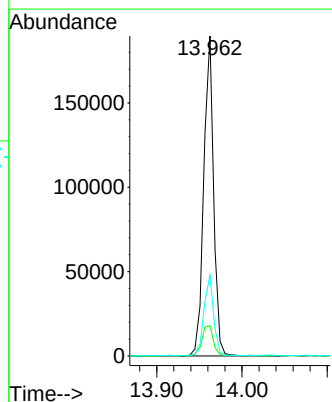
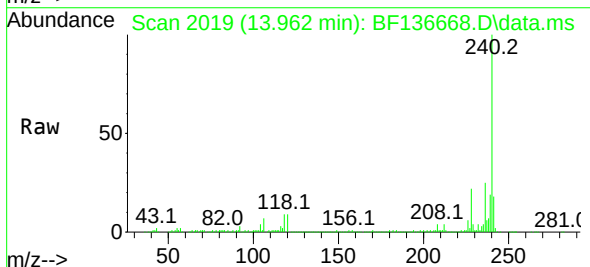
Reviewed By :Yogesh
Patel
12/22/2023

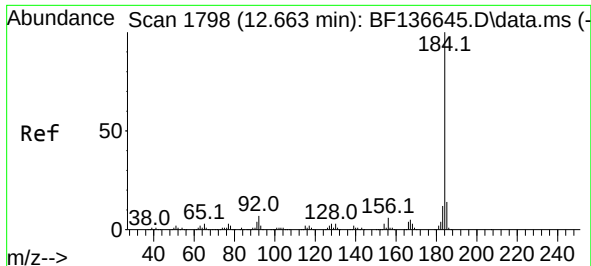
Supervised By :mohammad
ahmed
12/22/2023



#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.962 min Scan# 2019
Delta R.T. -0.006 min
Lab File: BF136668.D
Acq: 21 Dec 2023 13:46

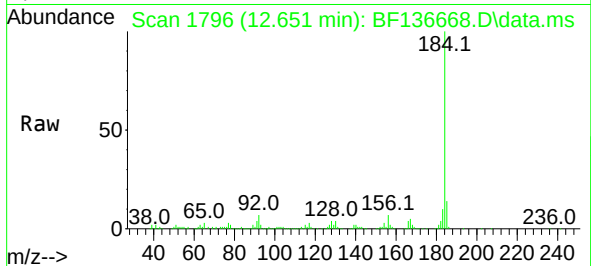
Tgt Ion:240 Resp: 152408
Ion Ratio Lower Upper
240 100
120 9.4 10.3 15.5#
236 25.2 19.4 29.2





#77
Benzidine
Concen: 32.552 ng
RT: 12.651 min Scan# 11
Delta R.T. -0.012 min
Lab File: BF136668.D
Acq: 21 Dec 2023 13:46

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

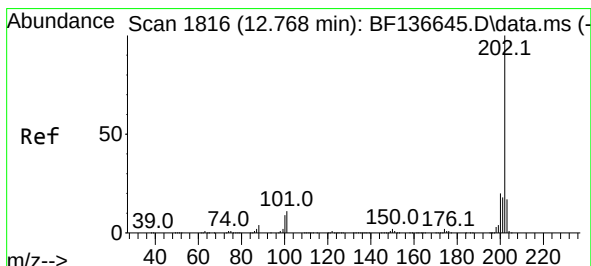
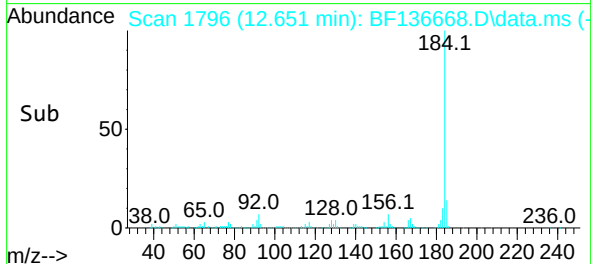
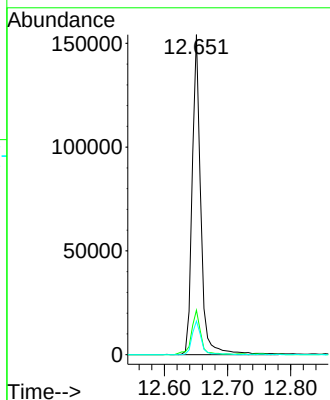


Tgt Ion:184 Resp: 146280
Ion Ratio Lower Upper
184 100
185 13.9 11.2 16.8
183 10.5 9.3 13.9

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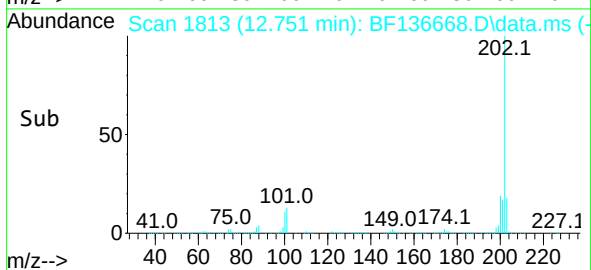
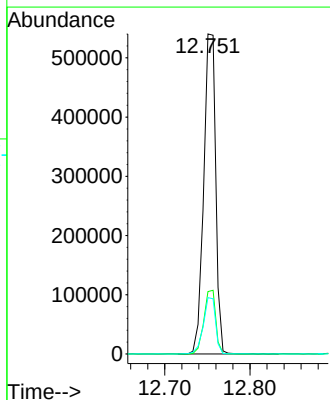
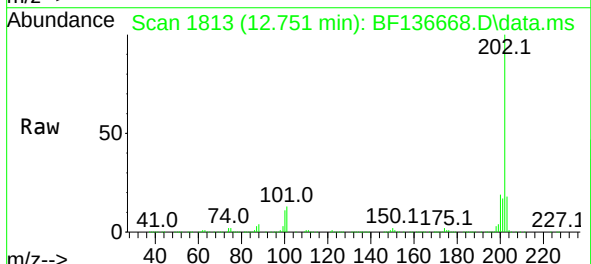
Reviewed By :Yogesh
Patel
12/22/2023

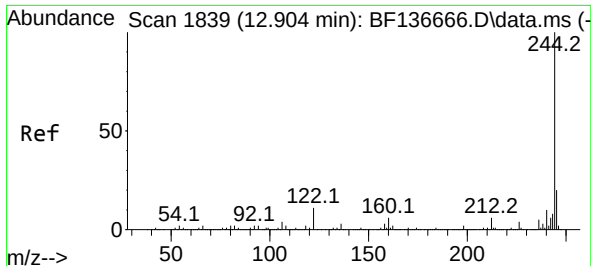
Supervised By :mohammad
ahmed
12/22/2023



#78
Pyrene
Concen: 35.389 ng
RT: 12.751 min Scan# 1813
Delta R.T. -0.018 min
Lab File: BF136668.D
Acq: 21 Dec 2023 13:46

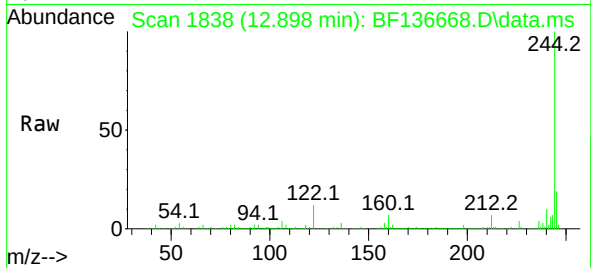
Tgt Ion:202 Resp: 529474
Ion Ratio Lower Upper
202 100
200 19.5 15.9 23.9
203 17.6 13.8 20.6





#79
 Terphenyl-d14
 Concen: 50.688 ng
 RT: 12.898 min Scan# 1839
 Delta R.T. -0.018 min
 Lab File: BF136668.D
 Acq: 21 Dec 2023 13:46

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

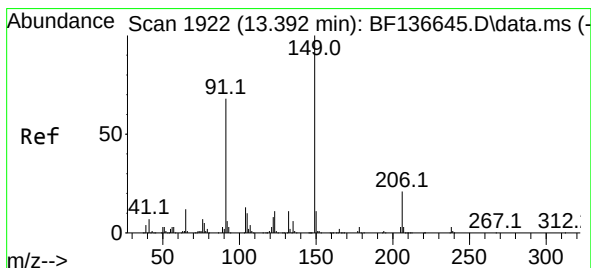
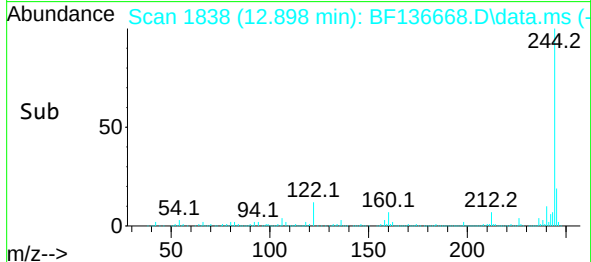
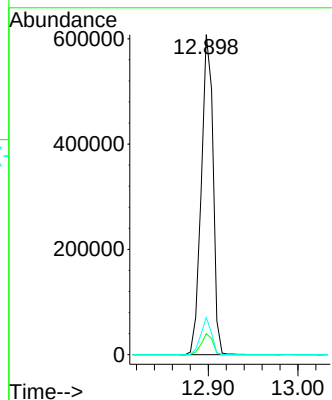


Tgt Ion:244 Resp: 552800
 Ion Ratio Lower Upper
 244 100
 212 6.6 5.0 7.4
 122 11.6 9.0 13.4

Manual Integrations
 APPROVED

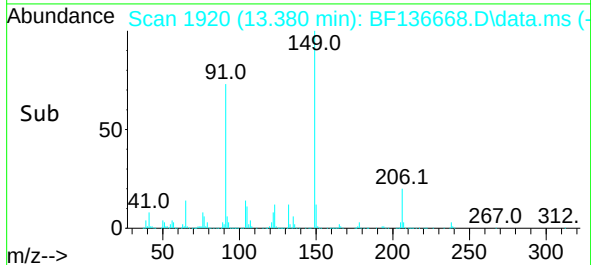
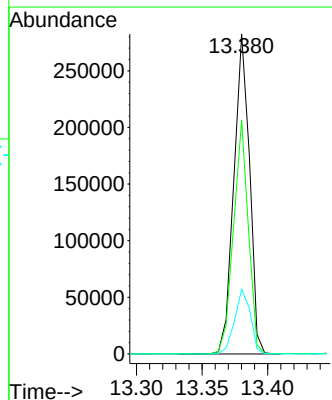
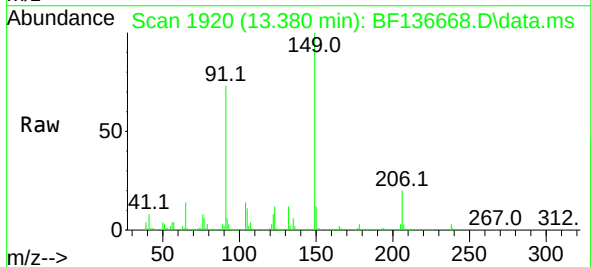
Reviewed By :Yogesh
 Patel
 12/22/2023

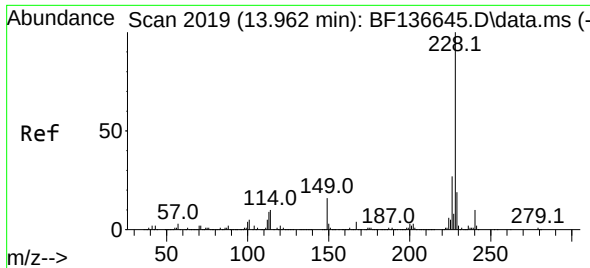
Supervised By :mohammad
 ahmed
 12/22/2023



#80
 Butylbenzylphthalate
 Concen: 43.203 ng
 RT: 13.380 min Scan# 1920
 Delta R.T. -0.012 min
 Lab File: BF136668.D
 Acq: 21 Dec 2023 13:46

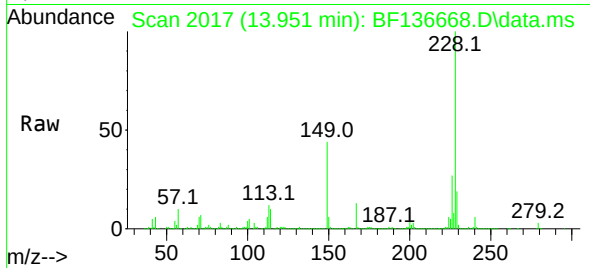
Tgt Ion:149 Resp: 235196
 Ion Ratio Lower Upper
 149 100
 91 73.1 54.1 81.1
 206 20.2 17.1 25.7





#81
Benzo(a)anthracene
Concen: 46.077 ng
RT: 13.951 min Scan# 2011
Delta R.T. -0.012 min
Lab File: BF136668.D
Acq: 21 Dec 2023 13:46

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

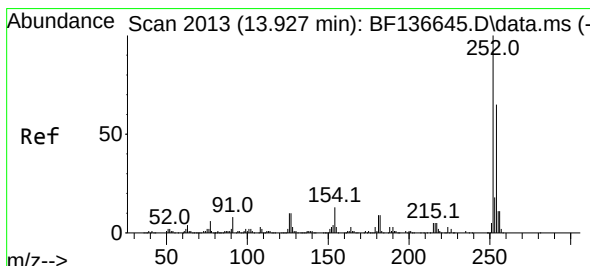
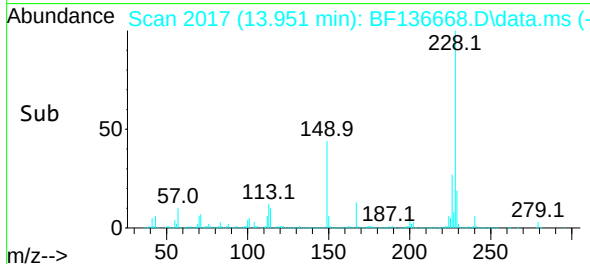
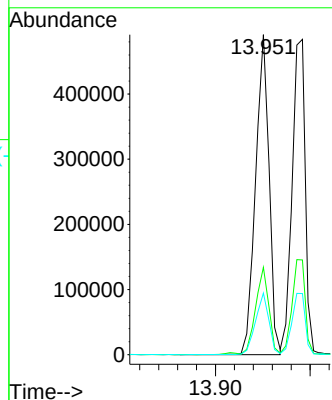


Tgt Ion:228 Resp: 48763
Ion Ratio Lower Upper
228 100
226 27.3 21.4 32.0
229 19.3 14.9 22.3

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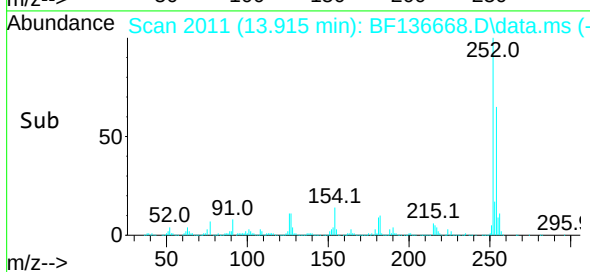
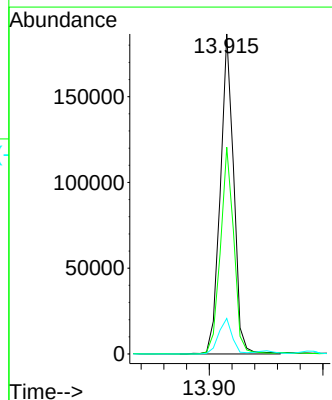
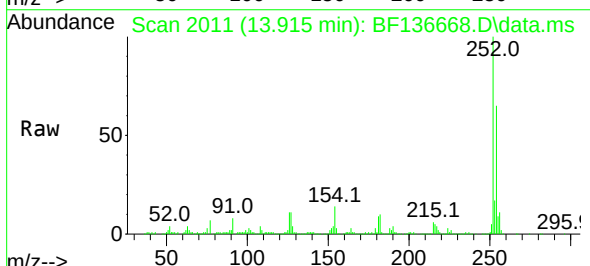
Reviewed By :Yogesh
Patel
12/22/2023

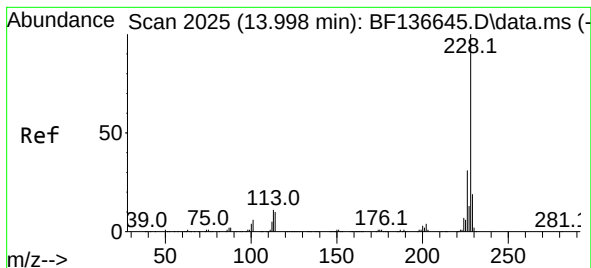
Supervised By :mohammad
ahmed
12/22/2023



#82
3,3'-Dichlorobenzidine
Concen: 50.907 ng
RT: 13.915 min Scan# 2011
Delta R.T. -0.012 min
Lab File: BF136668.D
Acq: 21 Dec 2023 13:46

Tgt Ion:252 Resp: 153000
Ion Ratio Lower Upper
252 100
254 64.6 52.2 78.4
126 11.1 8.0 12.0





#83

Chrysene

Concen: 44.837 ng

RT: 13.992 min Scan# 20

Delta R.T. -0.006 min

Lab File: BF136668.D

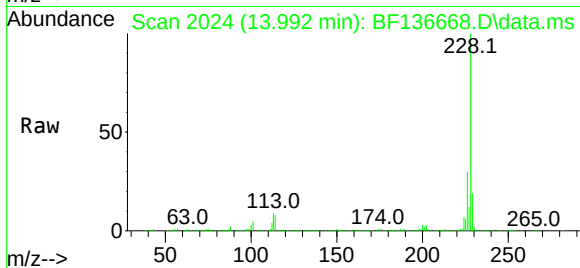
Acq: 21 Dec 2023 13:46

Instrument :

BNA_F

ClientSampleId :

SPRING-VALLEY-TP-3MS



Tgt Ion:228 Resp: 46402

Ion Ratio Lower Upper

228 100

226 30.0 24.7 37.1

229 19.4 15.4 23.0

Manual Integrations

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Reviewed By :Yogesh

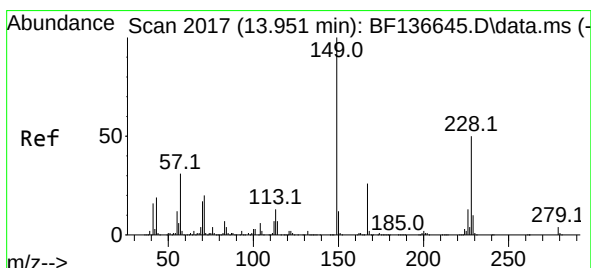
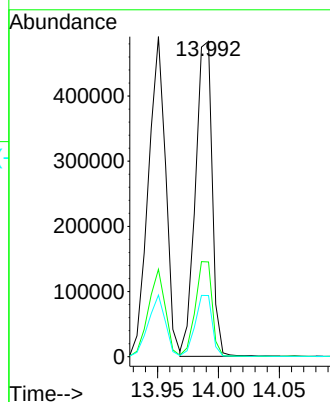
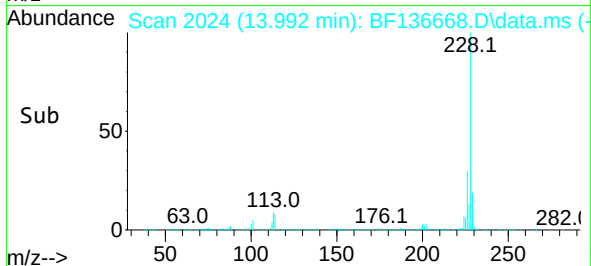
Patel

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#84

Bis(2-ethylhexyl)phthalate

Concen: 49.267 ng

RT: 13.945 min Scan# 2016

Delta R.T. -0.006 min

Lab File: BF136668.D

Acq: 21 Dec 2023 13:46

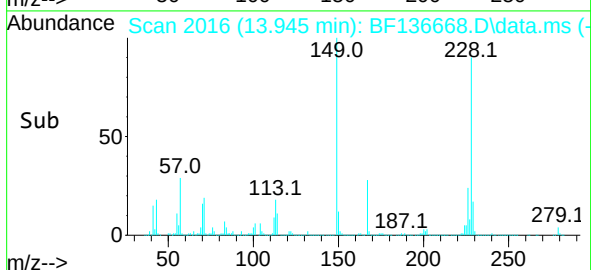
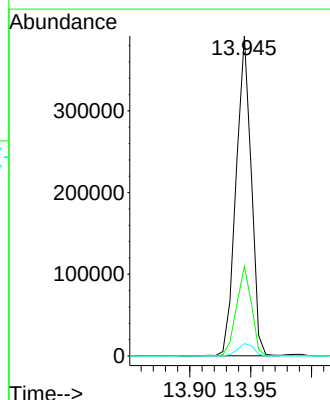
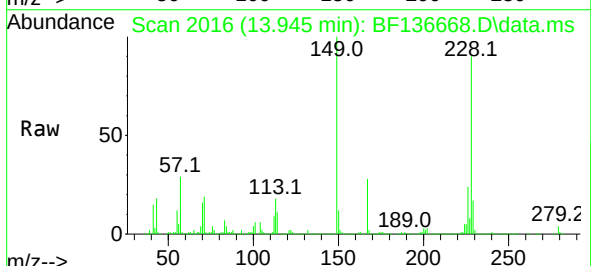
Tgt Ion:149 Resp: 337459

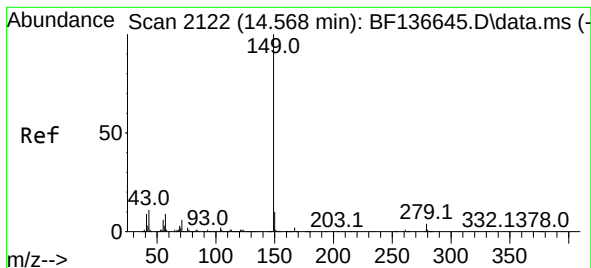
Ion Ratio Lower Upper

149 100

167 28.0 20.9 31.3

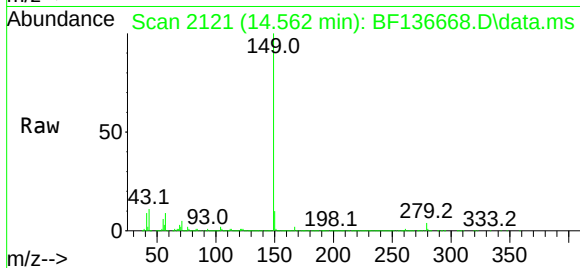
279 3.8 2.9 4.3





#85
Di-n-octyl phthalate
Concen: 60.527 ng
RT: 14.562 min Scan# 2121
Delta R.T. -0.006 min
Lab File: BF136668.D
Acq: 21 Dec 2023 13:46

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

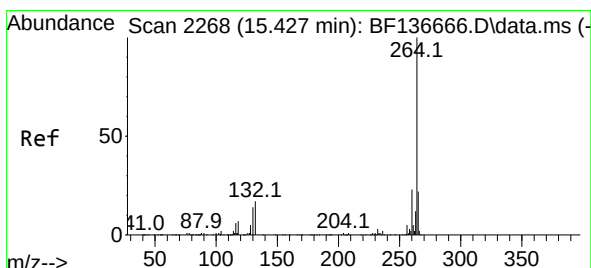
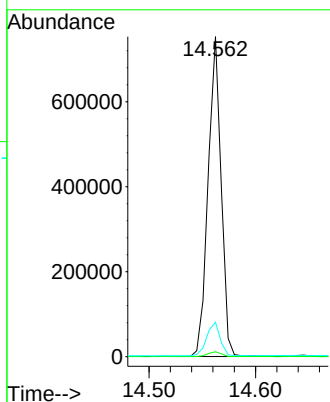
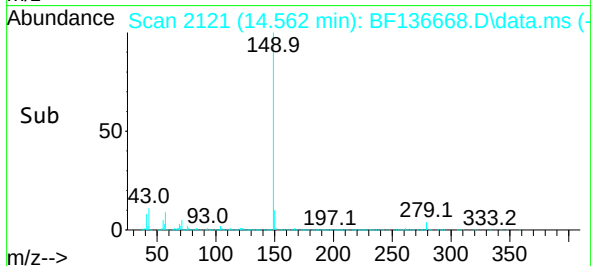


Tgt Ion:149 Resp: 641300
Ion Ratio Lower Upper
149 100
167 1.6 1.2 1.8
43 10.9 8.9 13.3

Manual Integrations
APPROVED

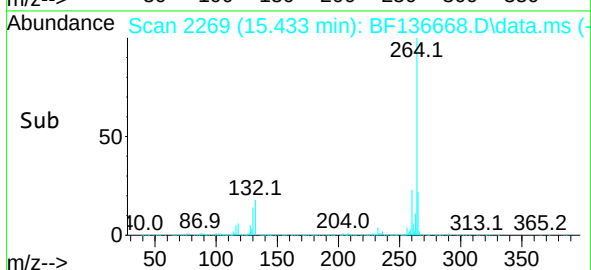
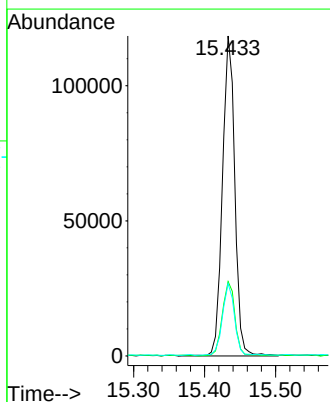
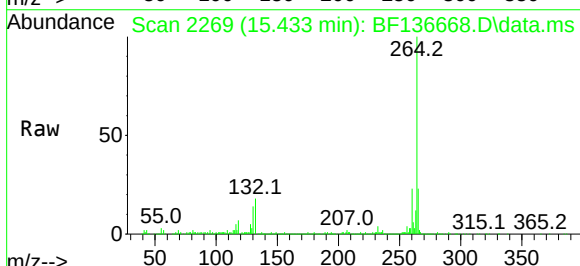
Reviewed By :Yogesh
Patel
12/22/2023

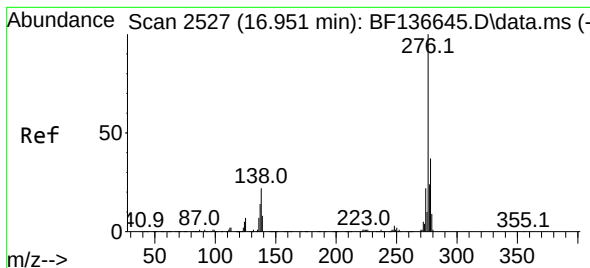
Supervised By :mohammad
ahmed
12/22/2023



#86
Perylene-d12
Concen: 20.000 ng
RT: 15.433 min Scan# 2269
Delta R.T. -0.012 min
Lab File: BF136668.D
Acq: 21 Dec 2023 13:46

Tgt Ion:264 Resp: 142494
Ion Ratio Lower Upper
264 100
260 23.2 18.3 27.5
265 22.6 17.0 25.6





#87

Indeno(1,2,3-cd)pyrene

Concen: 37.082 ng

RT: 16.933 min Scan# 2196

Delta R.T. -0.018 min

Lab File: BF136668.D

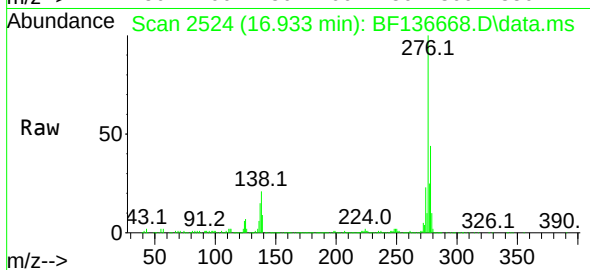
Acq: 21 Dec 2023 13:46

Instrument :

BNA_F

ClientSampleId :

SPRING-VALLEY-TP-3MS



Tgt Ion:276 Resp: 381500

Ion Ratio Lower Upper

276 100

138 23.1 18.7 28.1

277 24.9 20.2 30.2

Manual Integrations

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Reviewed By :Yogesh

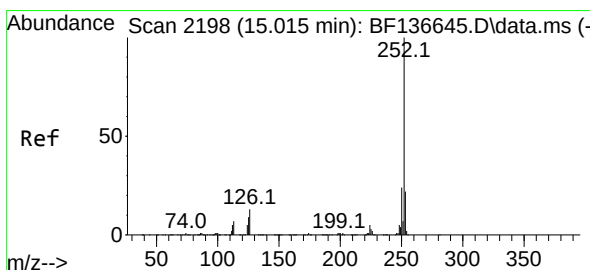
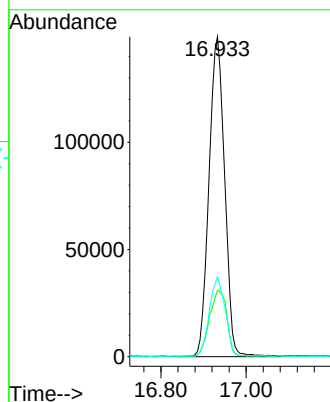
Patel

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#88

Benzo(b)fluoranthene

Concen: 49.815 ng

RT: 15.004 min Scan# 2196

Delta R.T. -0.012 min

Lab File: BF136668.D

Acq: 21 Dec 2023 13:46

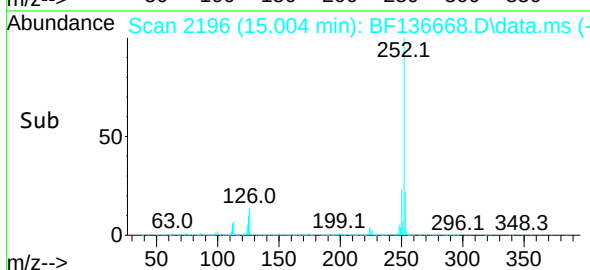
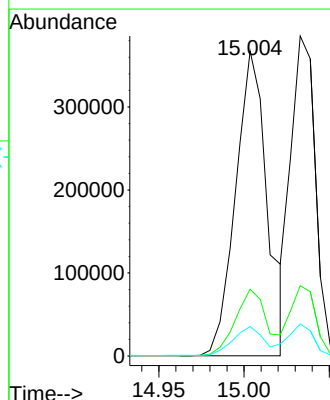
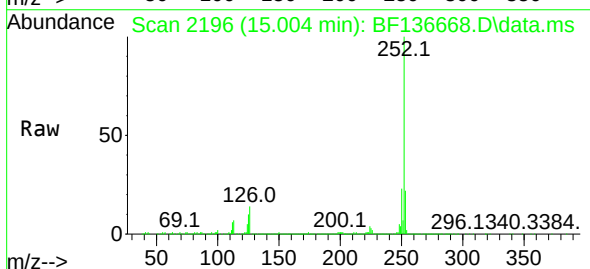
Tgt Ion:252 Resp: 474106

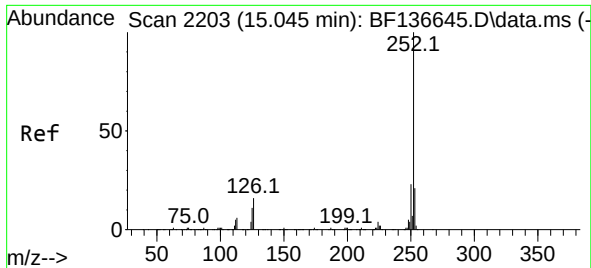
Ion Ratio Lower Upper

252 100

253 21.9 17.4 26.0

125 9.7 7.4 11.2





#89
Benzo(k)fluoranthene
Concen: 42.871 ng
RT: 15.033 min Scan# 21
Delta R.T. -0.012 min
Lab File: BF136668.D
Acq: 21 Dec 2023 13:46

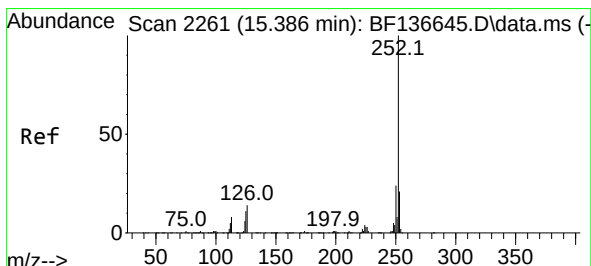
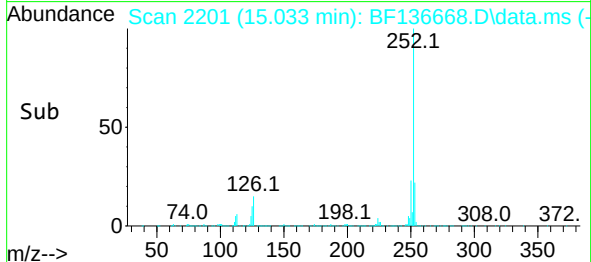
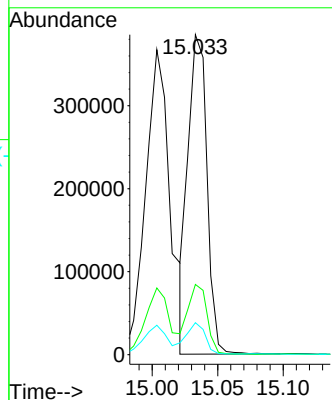
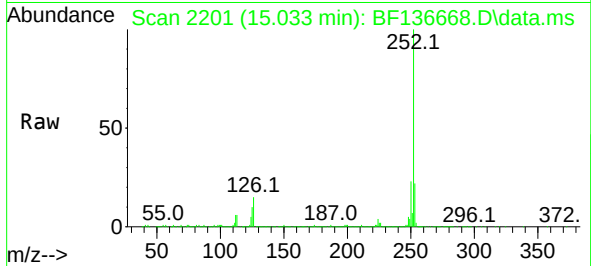
Instrument :
BNA_F
ClientSampleId :
SPRING-VALLEY-TP-3MS

Tgt Ion:252 Resp: 385530
Ion Ratio Lower Upper
252 100
253 22.0 17.0 25.6
125 10.0 8.2 12.4

Manual Integrations
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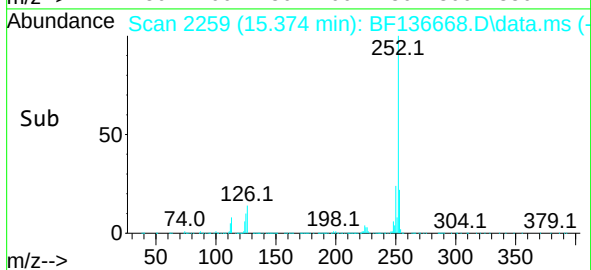
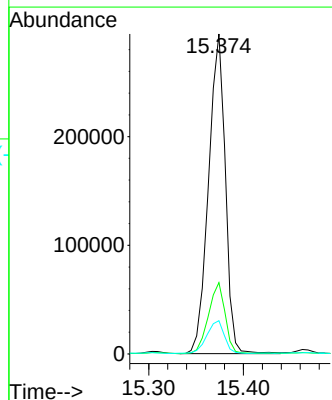
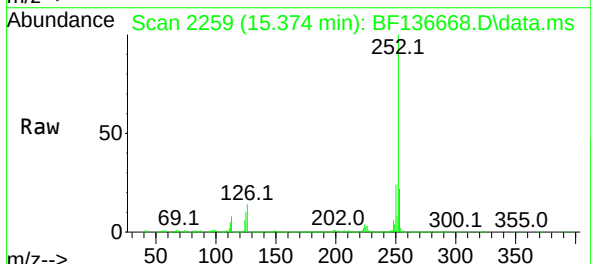
Reviewed By :Yogesh
Patel
12/22/2023

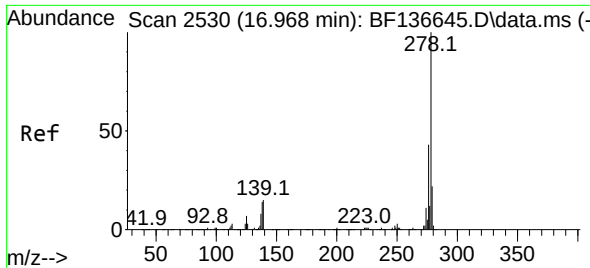
Supervised By :mohammad
ahmed
12/22/2023



#90
Benzo(a)pyrene
Concen: 45.175 ng
RT: 15.374 min Scan# 2259
Delta R.T. -0.012 min
Lab File: BF136668.D
Acq: 21 Dec 2023 13:46

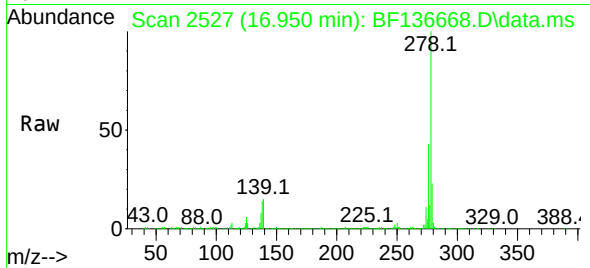
Tgt Ion:252 Resp: 362917
Ion Ratio Lower Upper
252 100
253 22.3 17.0 25.6
125 10.4 8.8 13.2





#91
Dibenzo(a,h)anthracene
Concen: 37.679 ng
RT: 16.950 min Scan# 21
Delta R.T. -0.018 min
Lab File: BF136668.D
Acq: 21 Dec 2023 13:46

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

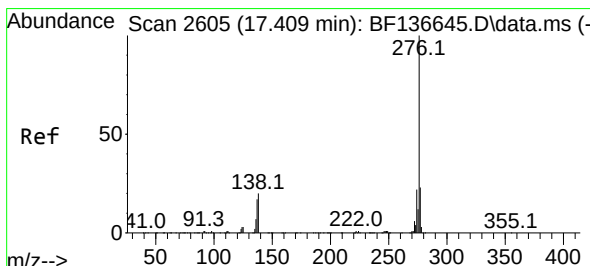
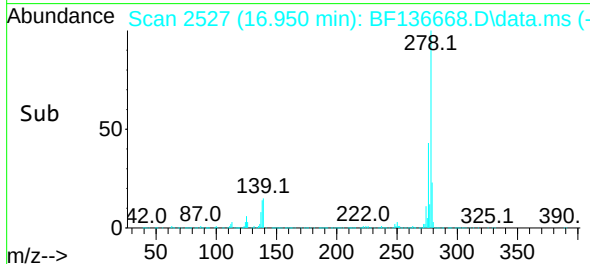
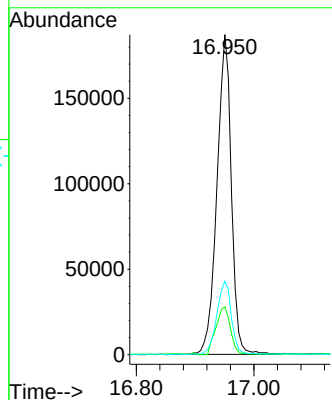


Tgt Ion:278 Resp: 318020
Ion Ratio Lower Upper
278 100
139 15.0 12.2 18.4
279 22.9 17.8 26.6

Manual Integrations
APPROVED

Reviewed By :Yogesh
Patel
12/22/2023

Supervised By :mohammad
ahmed
12/22/2023



#92
Benzo(g,h,i)perylene
Concen: 33.945 ng
RT: 17.386 min Scan# 2601
Delta R.T. -0.024 min
Lab File: BF136668.D
Acq: 21 Dec 2023 13:46

Tgt Ion:276 Resp: 293450
Ion Ratio Lower Upper
276 100
277 22.9 18.3 27.5
138 19.8 15.6 23.4

