

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF120623\
 Data File : BF136440.D
 Acq On : 06 Dec 2023 21:26
 Operator : CG\JU
 Sample : 05602-05MSD
 Misc :
 ALS Vial : 23 Sample Multiplier: 1

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

Quant Time: Dec 07 00:56:56 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF120523.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Dec 06 09:40:27 2023
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By :Yogesh Patel 12/07/2023
 Supervised By :mohammad ahmed 12/07/2023

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.798	152	82294	20.000	ng	0.00
21) Naphthalene-d8	8.075	136	273195	20.000	ng	0.00
39) Acenaphthene-d10	9.834	164	131749	20.000	ng	0.00
64) Phenanthrene-d10	11.322	188	270643	20.000	ng	0.00
76) Chrysene-d12	13.980	240	163156	20.000	ng	0.00
86) Perylene-d12	15.457	264	140651	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.434	112	440878	79.119	ng	0.00
7) Phenol-d6	6.440	99	502051	72.213	ng	0.00
23) Nitrobenzene-d5	7.357	82	283155	56.031	ng	-0.01
42) 2,4,6-Tribromophenol	10.628	330	137002	84.336	ng	0.00
45) 2-Fluorobiphenyl	9.151	172	519373	53.791	ng	-0.01
79) Terphenyl-d14	12.922	244	690239	55.760	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	2.575	88	78751	35.730	ng	99
3) Pyridine	3.340	79	187324	35.096	ng	100
4) n-Nitrosodimethylamine	3.299	42	91137	39.301	ng	96
6) Aniline	6.463	93	214554	30.536	ng	99
8) 2-Chlorophenol	6.587	128	212566	34.942	ng	99
9) Benzaldehyde	6.351	77	82181	20.722	ng	95
10) Phenol	6.451	94	260719	35.242	ng	93
11) bis(2-Chloroethyl)ether	6.540	93	203755	36.950	ng	98
12) 1,3-Dichlorobenzene	6.740	146	228647	33.421	ng	98
13) 1,4-Dichlorobenzene	6.816	146	231052	33.293	ng	97
14) 1,2-Dichlorobenzene	6.969	146	217496	33.327	ng	98
15) Benzyl Alcohol	6.940	79	157451	33.820	ng	99
16) 2,2'-oxybis(1-Chloropr...	7.075	45	237998	33.558	ng	99
17) 2-Methylphenol	7.057	107	155081	31.554	ng	98
18) Hexachloroethane	7.304	117	63769	26.319	ng	94
19) n-Nitroso-di-n-propyla...	7.210	70	131741	32.849	ng	97
20) 3+4-Methylphenols	7.204	107	190416	31.214	ng	# 84
22) Acetophenone	7.204	105	281722	41.760	ng	97
24) Nitrobenzene	7.381	77	189721	37.319	ng	95
25) Isophorone	7.616	82	338103	37.239	ng	99
26) 2-Nitrophenol	7.693	139	91715	36.697	ng	96
27) 2,4-Dimethylphenol	7.734	122	144472	46.880	ng	97
28) bis(2-Chloroethoxy)met...	7.828	93	208770	37.421	ng	97
29) 2,4-Dichlorophenol	7.934	162	148864	36.597	ng	98
30) 1,2,4-Trichlorobenzene	8.016	180	170971	36.046	ng	99
31) Naphthalene	8.098	128	546981	36.307	ng	99
32) Benzoic acid	7.840	122	104233	34.095	ng	96
33) 4-Chloroaniline	8.151	127	159575	29.710	ng	97
34) Hexachlorobutadiene	8.216	225	100795	35.857	ng	98
35) Caprolactam	8.504	113	47294m	37.755	ng	
36) 4-Chloro-3-methylphenol	8.634	107	149027	34.505	ng	99
37) 2-Methylnaphthalene	8.792	142	327873	34.208	ng	94
38) 1-Methylnaphthalene	8.887	142	315411	33.536	ng	96
40) 1,2,4,5-Tetrachloroben...	8.957	216	162189	39.569	ng	99
41) Hexachlorocyclopentadiene	8.940	237	17451	11.492	ng	96
43) 2,4,6-Trichlorophenol	9.069	196	98738	36.996	ng	99

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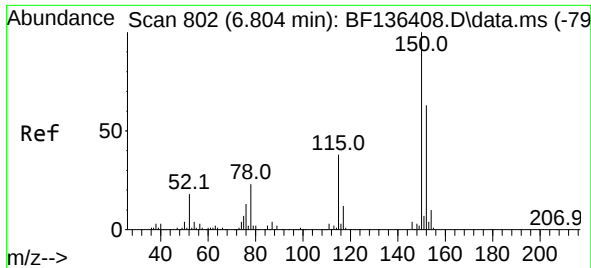
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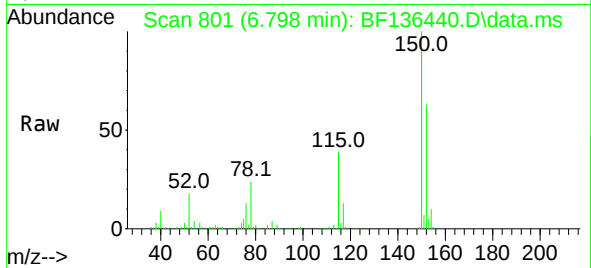
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.110	196	113430	38.080	ng	95
46) 1,1'-Biphenyl	9.257	154	421970	37.641	ng	100
47) 2-Chloronaphthalene	9.281	162	317633	36.403	ng	99
48) 2-Nitroaniline	9.375	65	97565	41.691	ng	97
49) Acenaphthylene	9.692	152	499938	40.222	ng	98
50) Dimethylphthalate	9.557	163	355926	36.694	ng	99
51) 2,6-Dinitrotoluene	9.622	165	72322	33.142	ng	92
52) Acenaphthene	9.869	154	297179	37.311	ng	98
53) 3-Nitroaniline	9.787	138	95433	42.826	ng	96
54) 2,4-Dinitrophenol	9.898	184	12779	11.582	ng	94
55) Dibenzofuran	10.039	168	451414	38.795	ng	100
56) 4-Nitrophenol	9.957	139	149826	89.689	ng	96
57) 2,4-Dinitrotoluene	10.028	165	98137	33.995	ng	95
58) Fluorene	10.386	166	361051	38.655	ng	99
59) 2,3,4,6-Tetrachlorophenol	10.157	232	100487	42.115	ng	97
60) Diethylphthalate	10.257	149	337358	35.369	ng	99
61) 4-Chlorophenyl-phenyle...	10.381	204	168991	37.113	ng	92
62) 4-Nitroaniline	10.404	138	100033	45.209	ng	99
63) Azobenzene	10.539	77	322990	37.204	ng	99
65) 4,6-Dinitro-2-methylph...	10.434	198	10072	6.009	ng	94
66) n-Nitrosodiphenylamine	10.498	169	311268	35.842	ng	98
67) 4-Bromophenyl-phenylether	10.869	248	108213	34.390	ng	95
68) Hexachlorobenzene	10.933	284	129550	35.622	ng	94
69) Atrazine	11.028	200	103162	41.620	ng	99
70) Pentachlorophenol	11.133	266	153639	74.852	ng	99
71) Phenanthrene	11.351	178	590234	39.678	ng	98
72) Anthracene	11.404	178	604750	40.362	ng	98
73) Carbazole	11.557	167	542789	40.931	ng	99
74) Di-n-butylphthalate	11.892	149	593829	36.528	ng	99
75) Fluoranthene	12.545	202	623673	40.007	ng	99
77) Benzidine	12.675	184	392585	69.660	ng	98
78) Pyrene	12.775	202	627881	39.294	ng	98
80) Butylbenzylphthalate	13.398	149	238409	41.913	ng	89
81) Benzo(a)anthracene	13.969	228	440457	38.756	ng	99
82) 3,3'-Dichlorobenzidine	13.933	252	172013	53.982	ng	100
83) Chrysene	14.004	228	415410	37.152	ng	99
84) Bis(2-ethylhexyl)phtha...	13.963	149	301816	43.282	ng	98
85) Di-n-octyl phthalate	14.580	149	450249	43.713	ng	99
87) Indeno(1,2,3-cd)pyrene	16.968	276	325654	33.327	ng	98
88) Benzo(b)fluoranthene	15.027	252	353430	36.752	ng	98
89) Benzo(k)fluoranthene	15.057	252	328490	36.246	ng	99
90) Benzo(a)pyrene	15.398	252	298487	37.584	ng	99
91) Dibenzo(a,h)anthracene	16.986	278	266718	33.319	ng	99
92) Benzo(g,h,i)perylene	17.421	276	240453	29.265	ng	98

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



#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.798 min Scan# 80
Delta R.T. -0.006 min
Lab File: BF136440.D
Acq: 06 Dec 2023 21:26

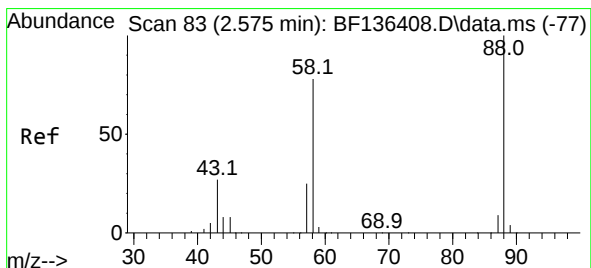
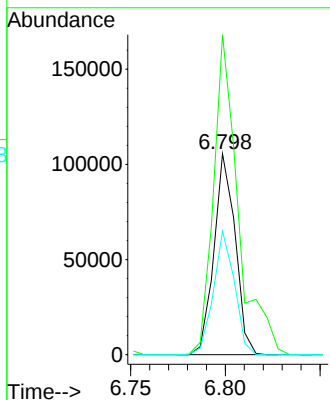
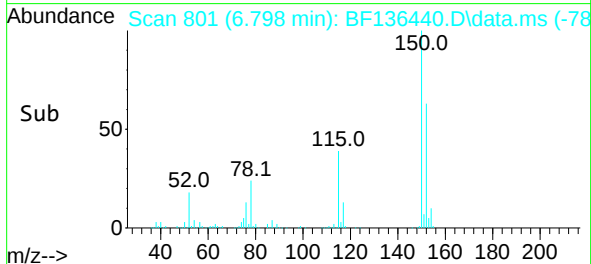
Instrument :
BNA_F
ClientSampleId :
SPRING-VALLEY-TP-3MSD



Tgt Ion:152 Resp: 82294
Ion Ratio Lower Upper
152 100
150 159.2 126.4 189.6
115 61.5 48.2 72.4

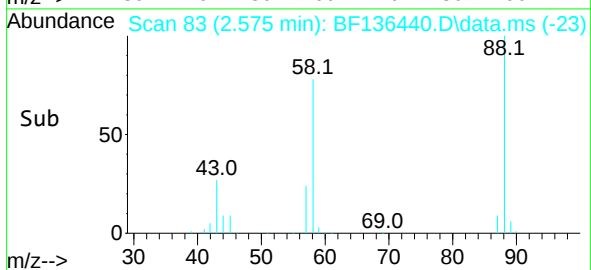
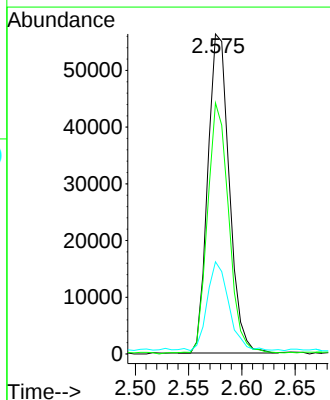
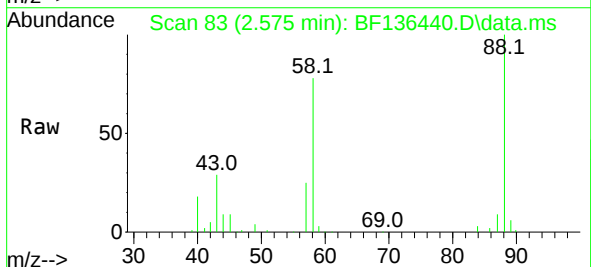
Manual Integrations
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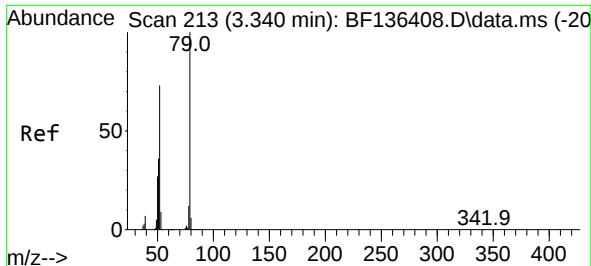
Reviewed By :Yogesh Patel 12/07/2023
Supervised By :mohammad ahmed 12/07/2023



#2
1,4-Dioxane
Concen: 35.730 ng
RT: 2.575 min Scan# 83
Delta R.T. 0.000 min
Lab File: BF136440.D
Acq: 06 Dec 2023 21:26

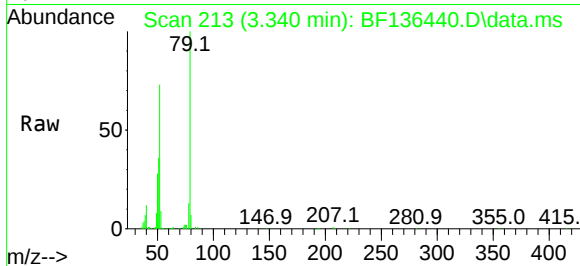
Tgt Ion: 88 Resp: 78751
Ion Ratio Lower Upper
88 100
58 78.9 62.2 93.2
43 27.5 21.5 32.3





#3
Pyridine
Concen: 35.096 ng
RT: 3.340 min Scan# 213
Delta R.T. 0.000 min
Lab File: BF136440.D
Acq: 06 Dec 2023 21:26

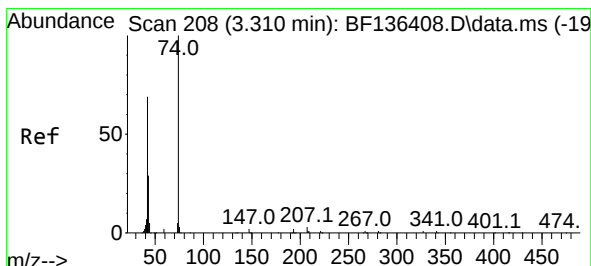
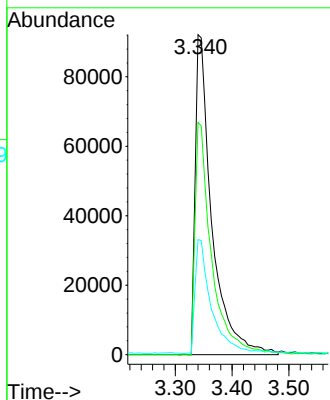
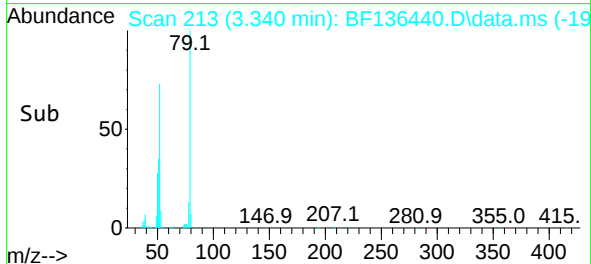
Instrument :
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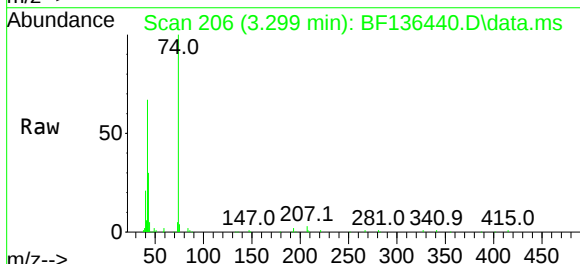
Tgt Ion: 79 Resp: 187324
Ion Ratio Lower Upper
79 100
52 72.6 58.2 87.2
51 35.9 29.1 43.7

Manual Integrations
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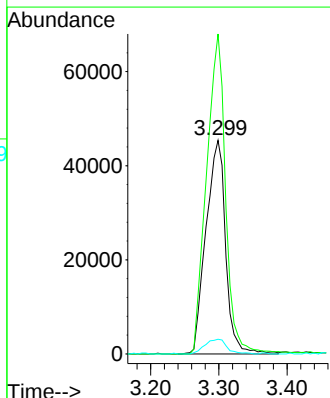
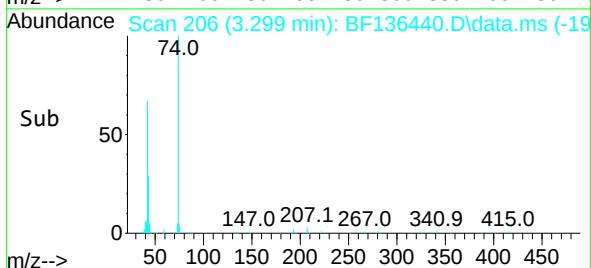
Reviewed By :Yogesh Patel 12/07/2023
Supervised By :mohammad ahmed 12/07/2023

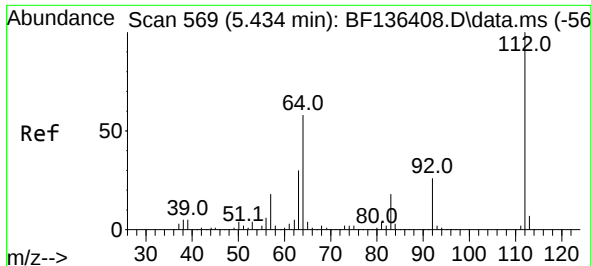


#4
n-Nitrosodimethylamine
Concen: 39.301 ng
RT: 3.299 min Scan# 206
Delta R.T. -0.012 min
Lab File: BF136440.D
Acq: 06 Dec 2023 21:26



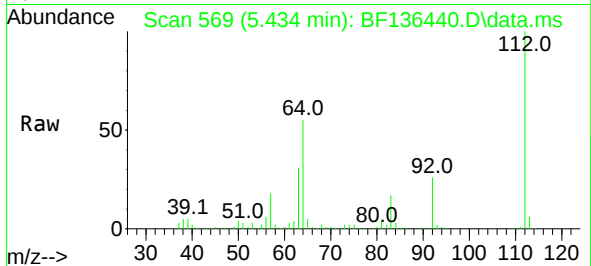
Tgt Ion: 42 Resp: 91137
Ion Ratio Lower Upper
42 100
74 149.8 115.4 173.0
44 6.9 6.2 9.2





#5
2-Fluorophenol
Concen: 79.119 ng
RT: 5.434 min Scan# 50
Delta R.T. 0.000 min
Lab File: BF136440.D
Acq: 06 Dec 2023 21:26

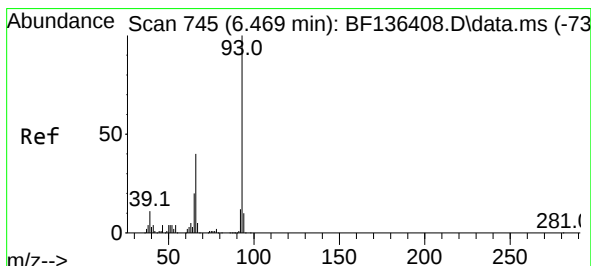
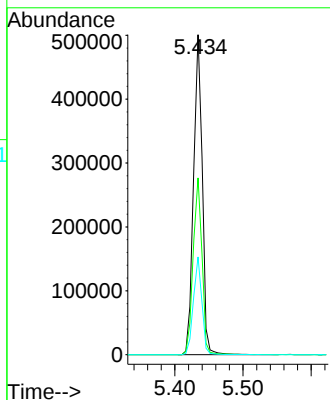
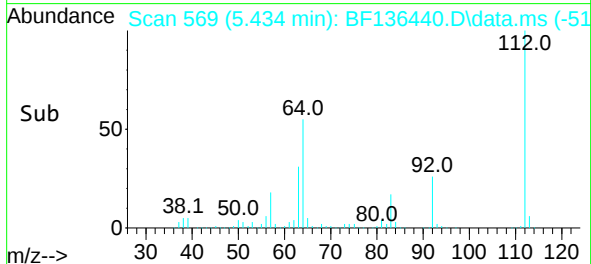
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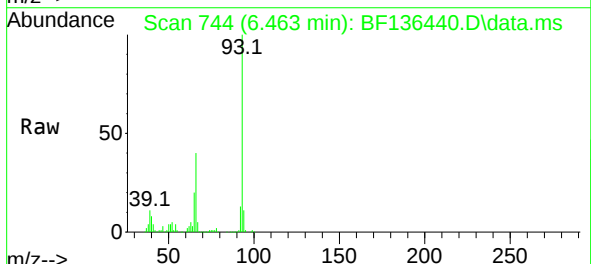
Tgt Ion:112 Resp: 440878
Ion Ratio Lower Upper
112 100
64 55.3 46.5 69.7
63 30.5 23.9 35.9

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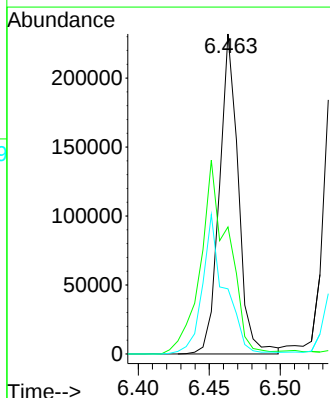
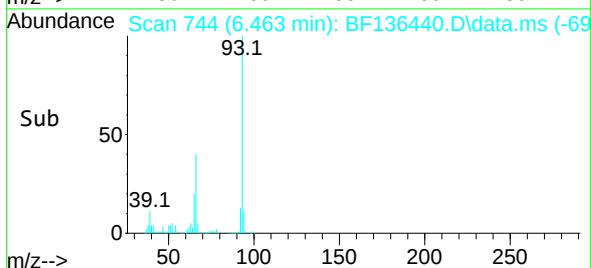
Reviewed By :Yogesh Patel 12/07/2023
Supervised By :mohammad ahmed 12/07/2023



#6
Aniline
Concen: 30.536 ng
RT: 6.463 min Scan# 744
Delta R.T. -0.006 min
Lab File: BF136440.D
Acq: 06 Dec 2023 21:26



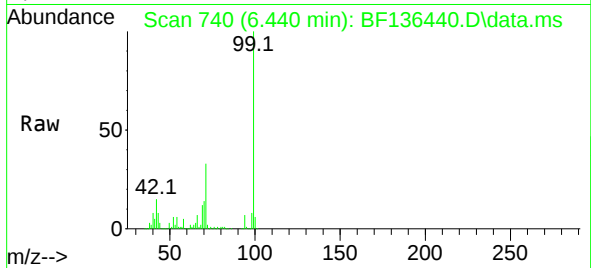
Tgt Ion: 93 Resp: 214554
Ion Ratio Lower Upper
93 100
66 39.7 32.5 48.7
65 20.4 16.4 24.6





#7
Phenol-d6
Concen: 72.213 ng
RT: 6.440 min Scan# 741
Delta R.T. -0.006 min
Lab File: BF136440.D
Acq: 06 Dec 2023 21:26

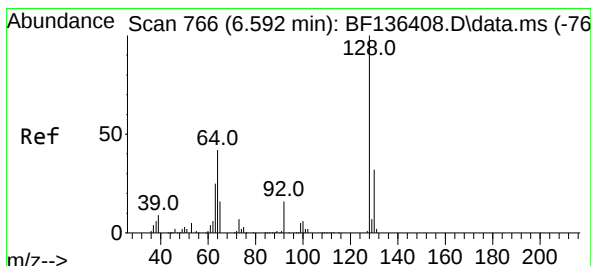
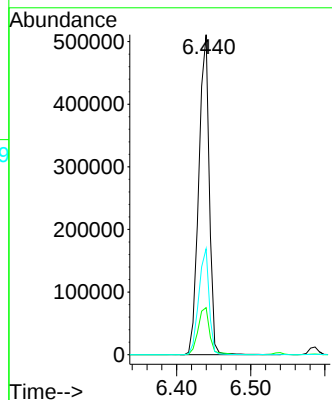
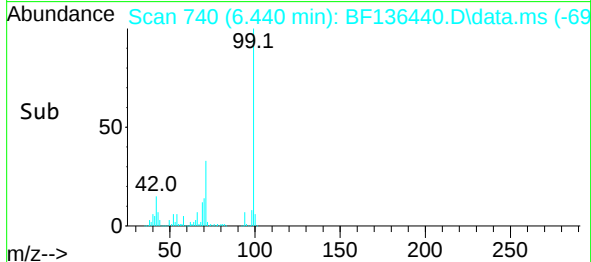
Instrument :
BNA_F
ClientSampleId :
SPRING-VALLEY-TP-3MSD



Tgt Ion: 99 Resp: 50205
Ion Ratio Lower Upper
99 100
42 14.7 12.8 19.2
71 33.1 27.0 40.4

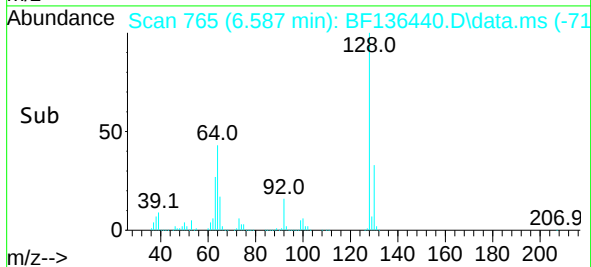
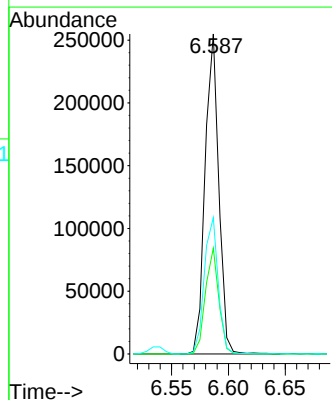
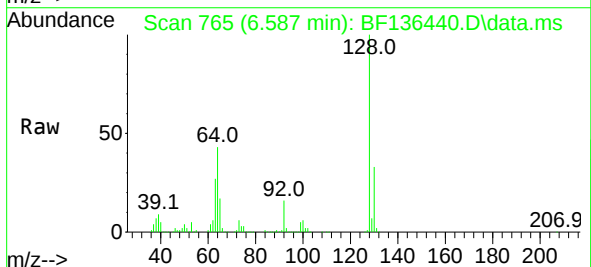
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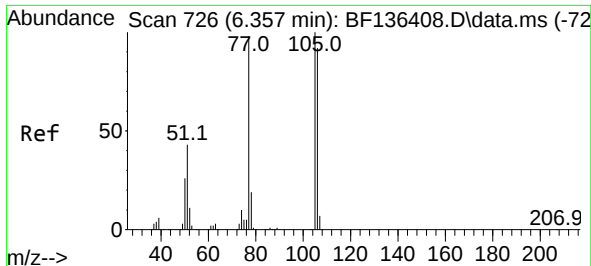
Reviewed By :Yogesh Patel 12/07/2023
Supervised By :mohammad ahmed 12/07/2023



#8
2-Chlorophenol
Concen: 34.942 ng
RT: 6.587 min Scan# 765
Delta R.T. -0.006 min
Lab File: BF136440.D
Acq: 06 Dec 2023 21:26

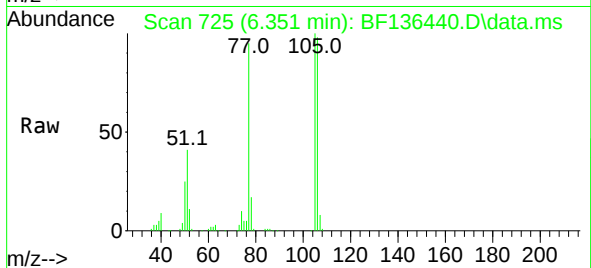
Tgt Ion:128 Resp: 212566
Ion Ratio Lower Upper
128 100
130 33.1 11.7 51.7
64 42.6 22.5 62.5





#9
Benzaldehyde
Concen: 20.722 ng
RT: 6.351 min Scan# 726
Delta R.T. -0.006 min
Lab File: BF136440.D
Acq: 06 Dec 2023 21:26

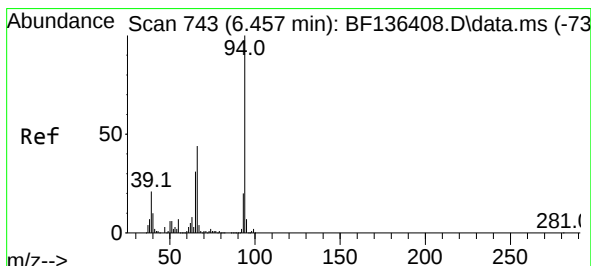
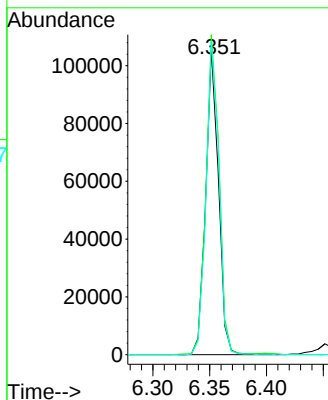
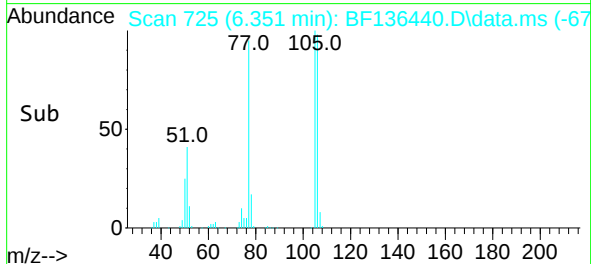
Instrument :
BNA_F
ClientSampleId :
SPRING-VALLEY-TP-3MSD



Tgt Ion: 77 Resp: 8218
Ion Ratio Lower Upper
77 100
105 105.0 82.5 122.5
106 102.8 74.5 114.5

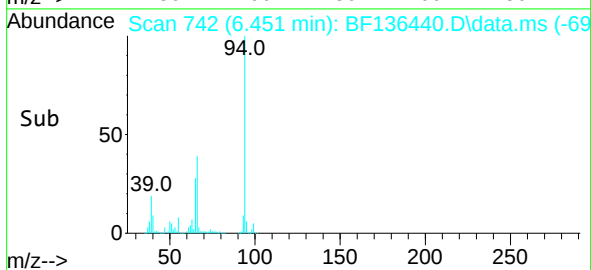
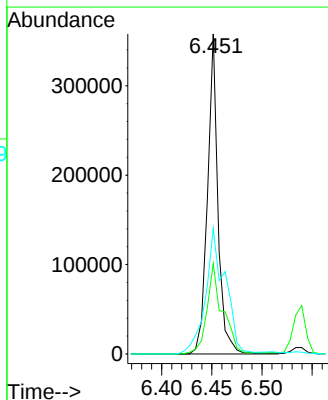
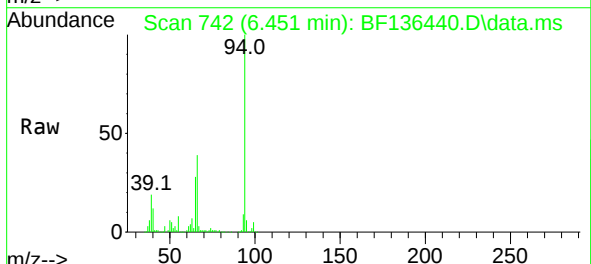
Manual Integrations
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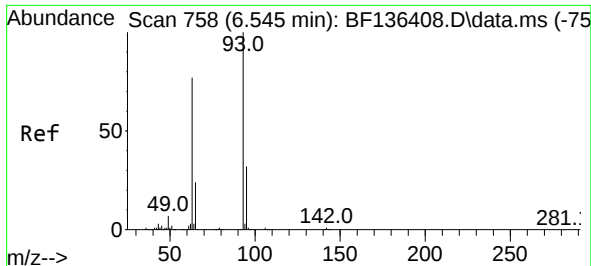
Reviewed By :Yogesh Patel 12/07/2023
Supervised By :mohammad ahmed 12/07/2023



#10
Phenol
Concen: 35.242 ng
RT: 6.451 min Scan# 742
Delta R.T. -0.006 min
Lab File: BF136440.D
Acq: 06 Dec 2023 21:26

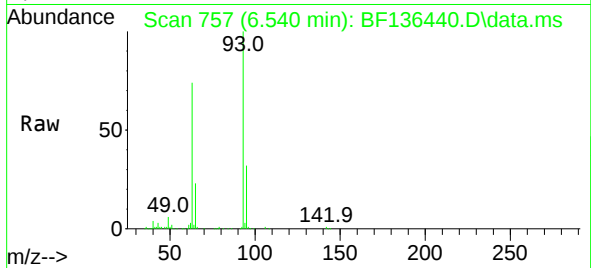
Tgt Ion: 94 Resp: 260719
Ion Ratio Lower Upper
94 100
65 28.2 11.2 51.2
66 39.2 24.2 64.2





#11
bis(2-Chloroethyl)ether
Concen: 36.950 ng
RT: 6.540 min Scan# 758
Delta R.T. -0.006 min
Lab File: BF136440.D
Acq: 06 Dec 2023 21:26

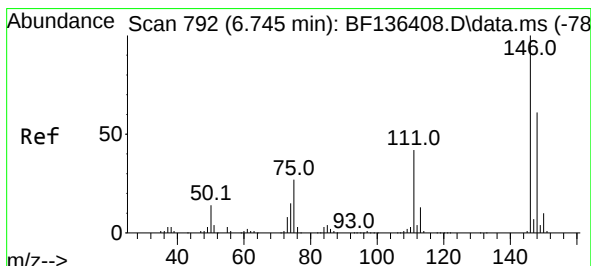
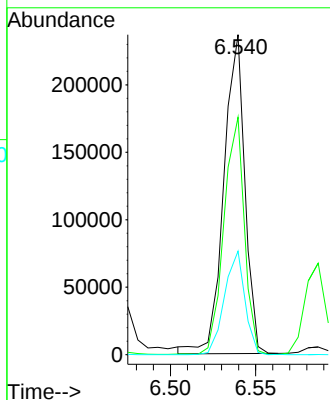
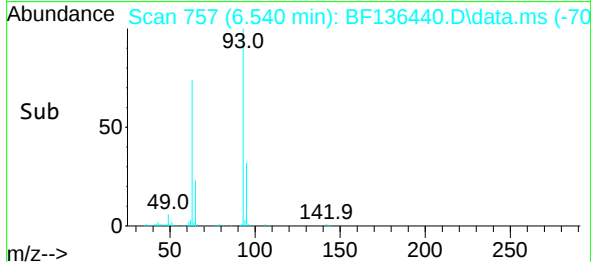
Instrument :
BNA_F
ClientSampleId :
SPRING-VALLEY-TP-3MSD



Tgt Ion: 93 Resp: 203758
Ion Ratio Lower Upper
93 100
63 74.2 56.8 96.8
95 32.4 11.8 51.8

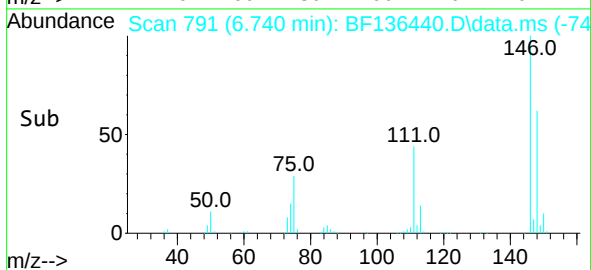
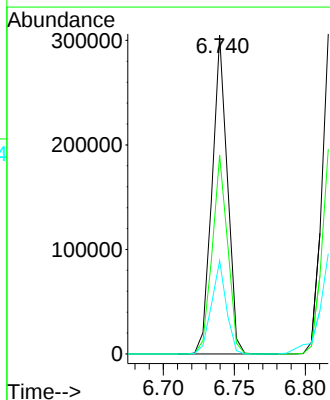
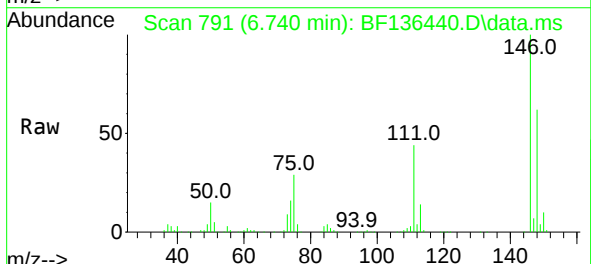
Manual Integrations
APPROVED

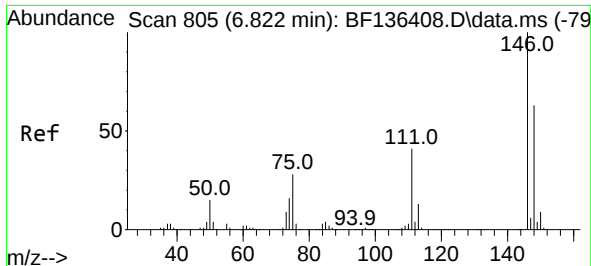
Reviewed By :Yogesh Patel 12/07/2023
Supervised By :mohammad ahmed 12/07/2023



#12
1,3-Dichlorobenzene
Concen: 33.421 ng
RT: 6.740 min Scan# 791
Delta R.T. -0.006 min
Lab File: BF136440.D
Acq: 06 Dec 2023 21:26

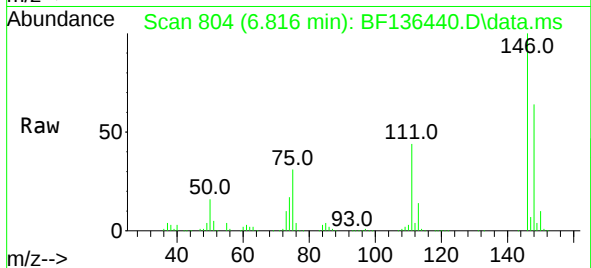
Tgt Ion:146 Resp: 228647
Ion Ratio Lower Upper
146 100
148 62.4 49.0 73.6
75 29.3 21.8 32.6





#13
1,4-Dichlorobenzene
Concen: 33.293 ng
RT: 6.816 min Scan# 804
Delta R.T. -0.006 min
Lab File: BF136440.D
Acq: 06 Dec 2023 21:26

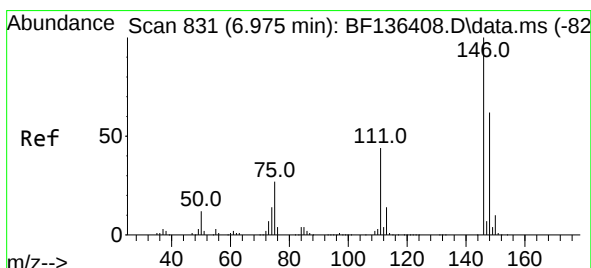
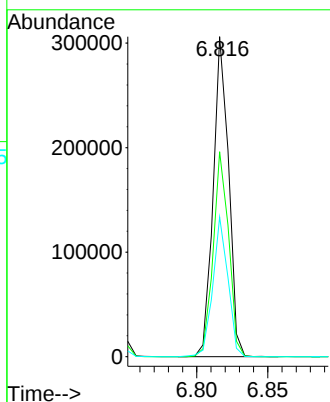
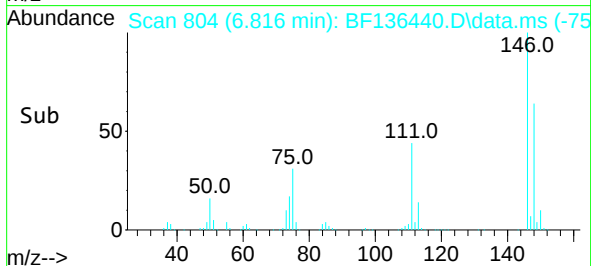
Instrument :
BNA_F
ClientSampleId :
SPRING-VALLEY-TP-3MSD



Tgt Ion:146 Resp: 231052
Ion Ratio Lower Upper
146 100
148 64.1 50.3 75.5
111 43.7 32.6 49.0

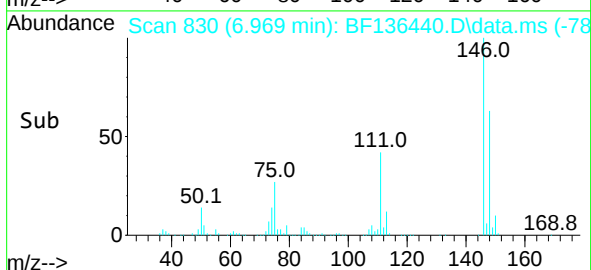
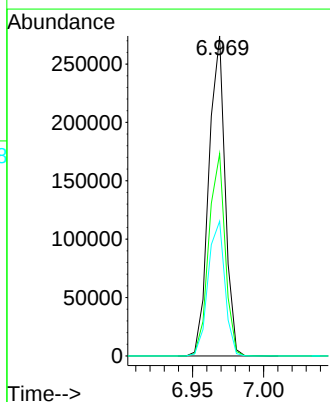
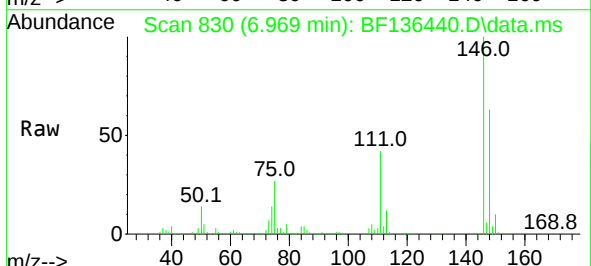
Manual Integrations
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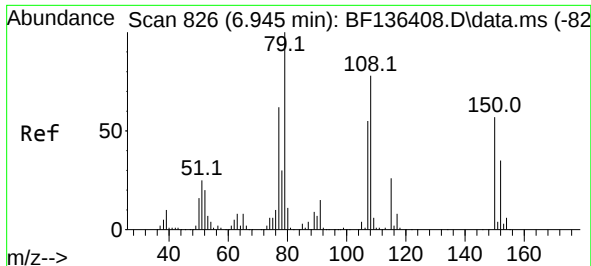
Reviewed By :Yogesh Patel 12/07/2023
Supervised By :mohammad ahmed 12/07/2023



#14
1,2-Dichlorobenzene
Concen: 33.327 ng
RT: 6.969 min Scan# 830
Delta R.T. -0.006 min
Lab File: BF136440.D
Acq: 06 Dec 2023 21:26

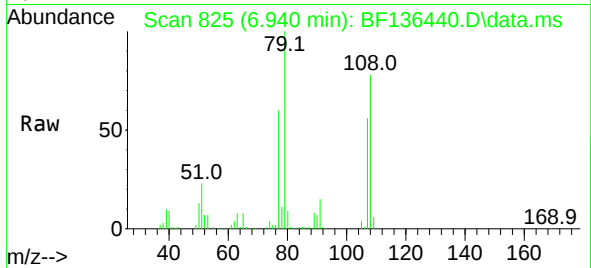
Tgt Ion:146 Resp: 217496
Ion Ratio Lower Upper
146 100
148 63.2 49.8 74.6
111 42.1 34.9 52.3





#15
Benzyl Alcohol
Concen: 33.820 ng
RT: 6.940 min Scan# 81
Delta R.T. -0.006 min
Lab File: BF136440.D
Acq: 06 Dec 2023 21:26

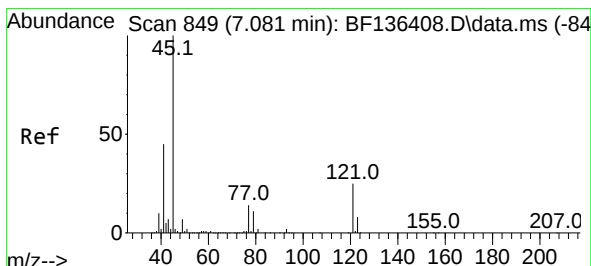
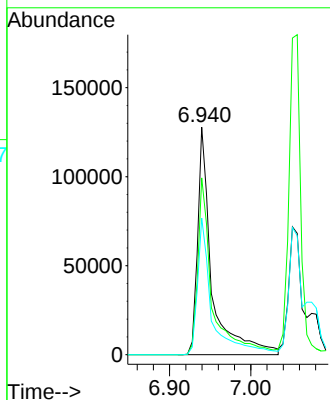
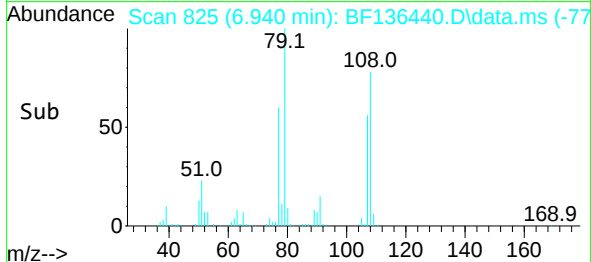
Instrument :
BNA_F
ClientSampleId :
SPRING-VALLEY-TP-3MSD



Tgt Ion: 79 Resp: 15745
Ion Ratio Lower Upper
79 100
108 77.7 62.3 93.5
77 60.1 49.8 74.8

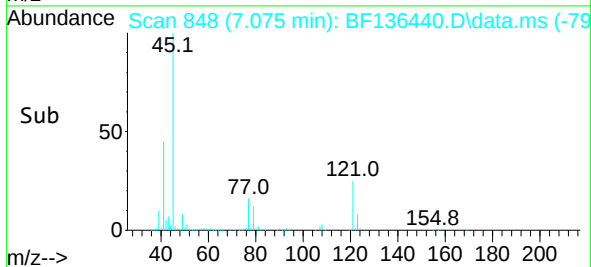
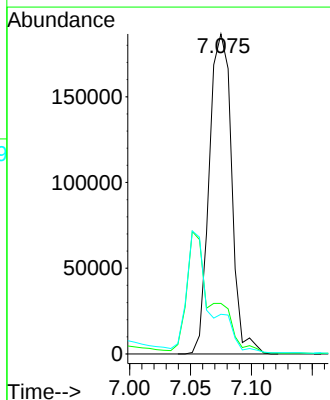
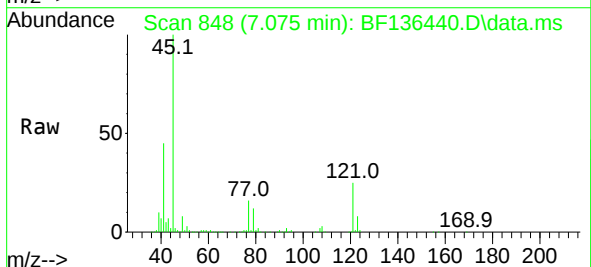
Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 12/07/2023
Supervised By :mohammad ahmed 12/07/2023



#16
2,2'-oxybis(1-Chloropropane)
Concen: 33.558 ng
RT: 7.075 min Scan# 848
Delta R.T. -0.006 min
Lab File: BF136440.D
Acq: 06 Dec 2023 21:26

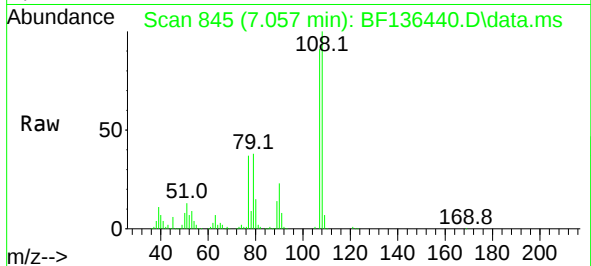
Tgt Ion: 45 Resp: 237998
Ion Ratio Lower Upper
45 100
77 15.8 0.0 35.3
79 12.4 0.0 32.5





#17
2-Methylphenol
Concen: 31.554 ng
RT: 7.057 min Scan# 845
Delta R.T. 0.000 min
Lab File: BF136440.D
Acq: 06 Dec 2023 21:26

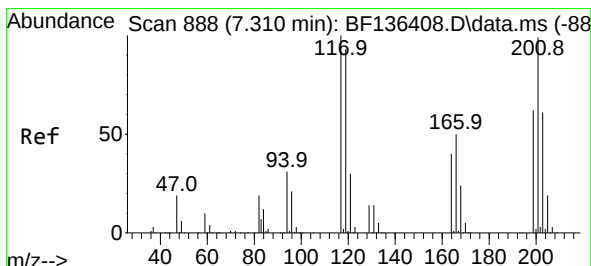
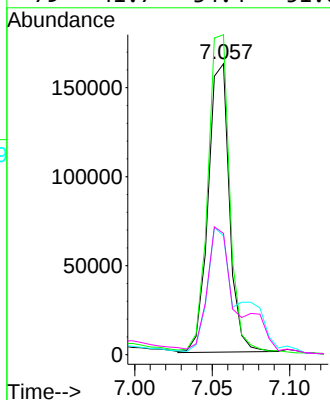
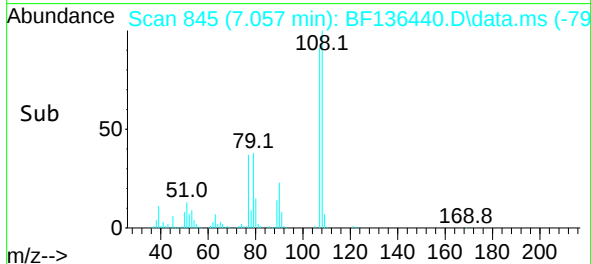
Instrument :
BNA_F
ClientSampleId :
SPRING-VALLEY-TP-3MSD



Tgt Ion:107 Resp: 15508
Ion Ratio Lower Upper
107 100
108 110.0 86.5 129.7
77 40.8 33.8 50.8
79 41.7 34.4 51.6

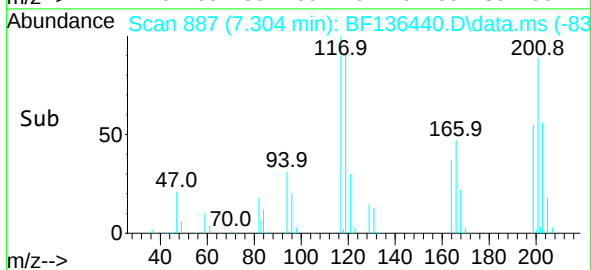
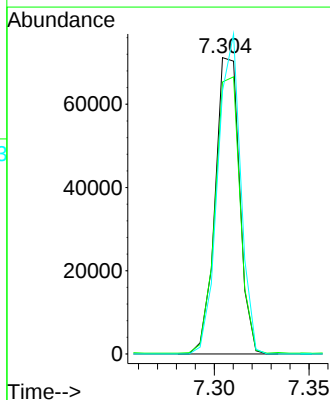
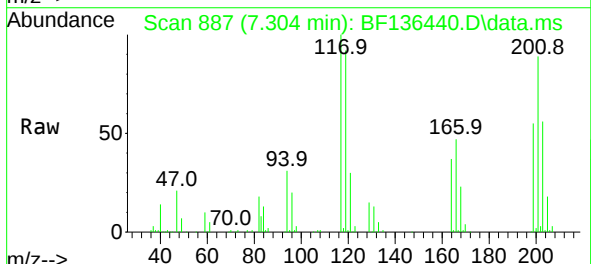
Manual Integrations
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Reviewed By :Yogesh Patel 12/07/2023
Supervised By :mohammad ahmed 12/07/2023



#18
Hexachloroethane
Concen: 26.319 ng
RT: 7.304 min Scan# 887
Delta R.T. -0.006 min
Lab File: BF136440.D
Acq: 06 Dec 2023 21:26

Tgt Ion:117 Resp: 63769
Ion Ratio Lower Upper
117 100
119 91.8 74.3 111.5
201 88.8 79.3 118.9





#19

n-Nitroso-di-n-propylamine

Concen: 32.849 ng

RT: 7.210 min Scan# 81

Delta R.T. -0.012 min

Lab File: BF136440.D

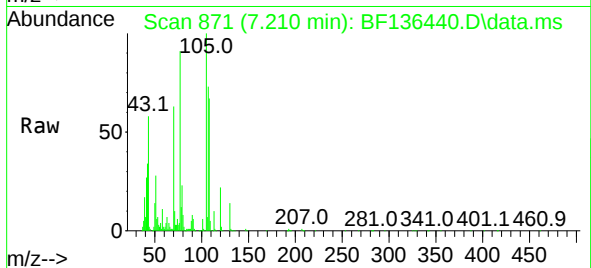
Acq: 06 Dec 2023 21:26

Instrument :

BNA_F

ClientSampleId :

SPRING-VALLEY-TP-3MSD



Tgt Ion: 70 Resp: 13174

Ion Ratio Lower Upper

70 100

42 54.1 41.4 62.0

101 9.8 8.2 12.4

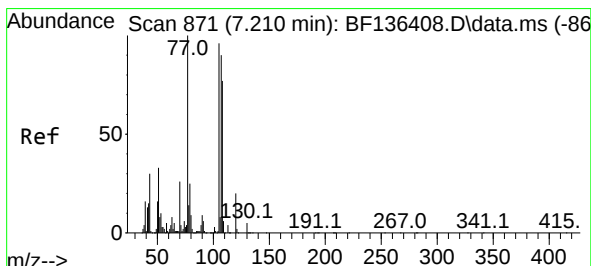
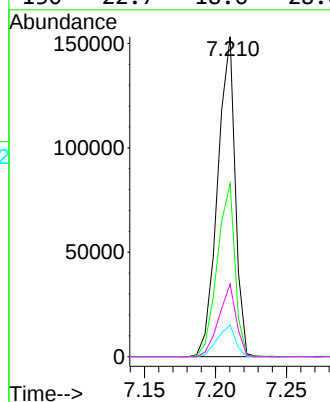
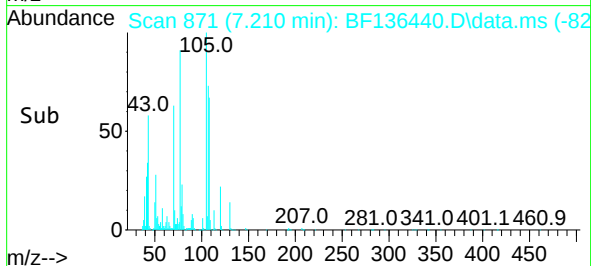
130 22.7 18.6 28.0

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 12/07/2023

Supervised By :mohammad ahmed 12/07/2023



#20

3+4-Methylphenols

Concen: 31.214 ng

RT: 7.204 min Scan# 870

Delta R.T. -0.006 min

Lab File: BF136440.D

Acq: 06 Dec 2023 21:26

Tgt Ion:107 Resp: 190416

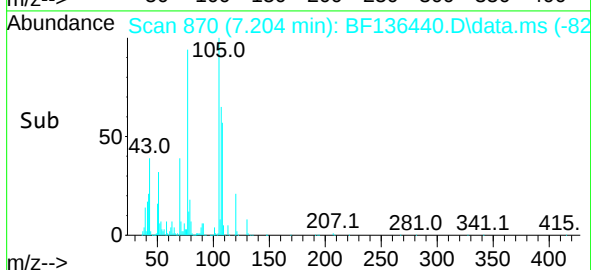
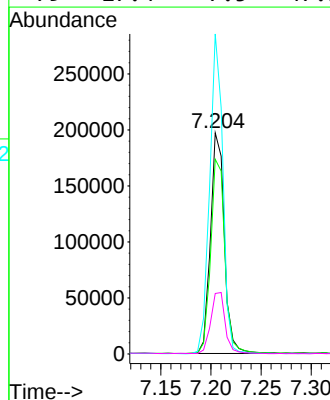
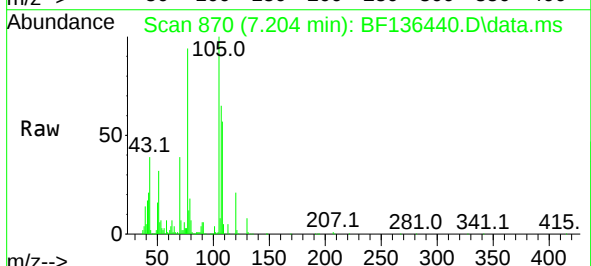
Ion Ratio Lower Upper

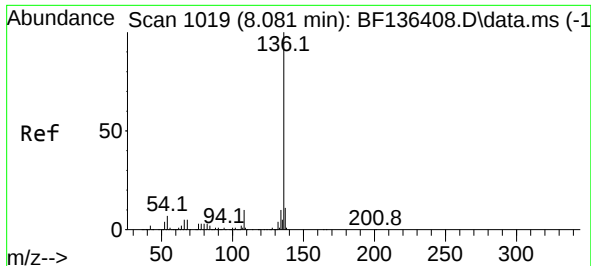
107 100

108 88.1 65.9 105.9

77 144.8 91.7 131.7#

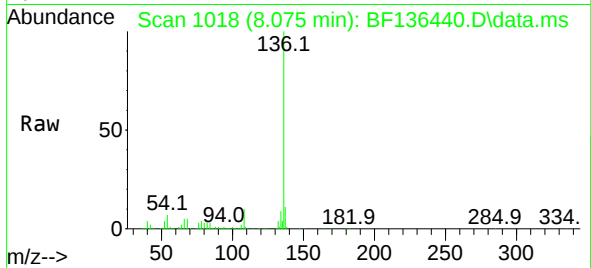
79 27.4 7.5 47.5





#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.075 min Scan# 1019
Delta R.T. -0.006 min
Lab File: BF136440.D
Acq: 06 Dec 2023 21:26

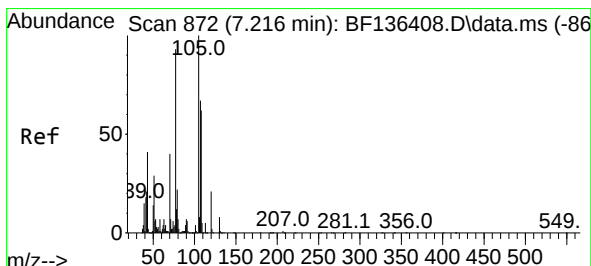
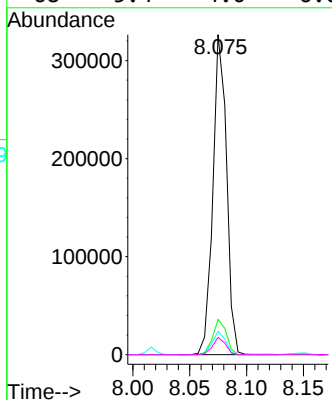
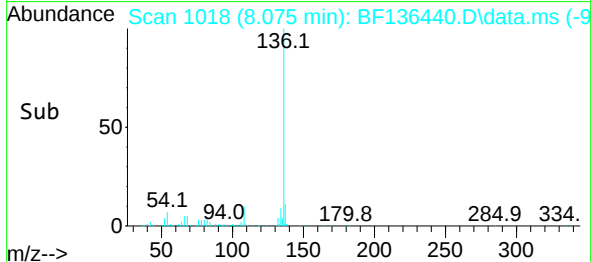
Instrument :
BNA_F
ClientSampleId :
SPRING-VALLEY-TP-3MSD



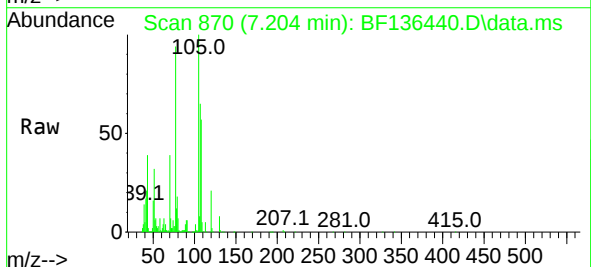
Tgt Ion:136 Resp: 27319
Ion Ratio Lower Upper
136 100
137 11.0 8.6 12.8
54 7.3 5.7 8.5
68 5.4 4.0 6.0

Manual Integrations
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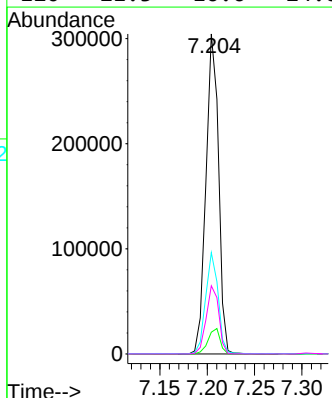
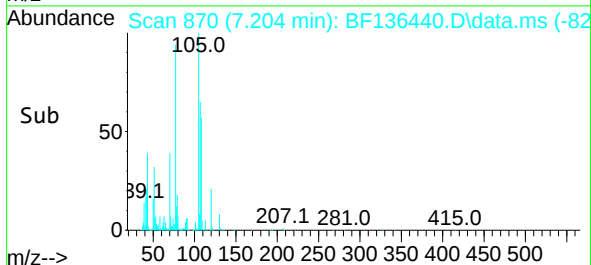
Reviewed By :Yogesh Patel 12/07/2023
Supervised By :mohammad ahmed 12/07/2023

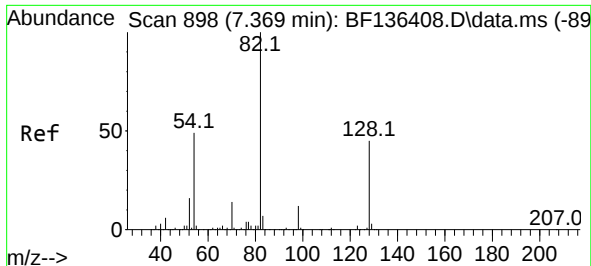


#22
Acetophenone
Concen: 41.760 ng
RT: 7.204 min Scan# 870
Delta R.T. -0.012 min
Lab File: BF136440.D
Acq: 06 Dec 2023 21:26



Tgt Ion:105 Resp: 281722
Ion Ratio Lower Upper
105 100
71 6.8 5.4 8.0
51 31.7 23.4 35.2
120 21.3 16.6 24.8





#23

Nitrobenzene-d5

Concen: 56.031 ng

RT: 7.357 min Scan# 89

Delta R.T. -0.012 min

Lab File: BF136440.D

Acq: 06 Dec 2023 21:26

Instrument :

BNA_F

ClientSampleId :

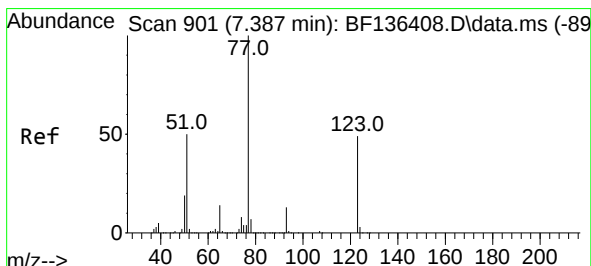
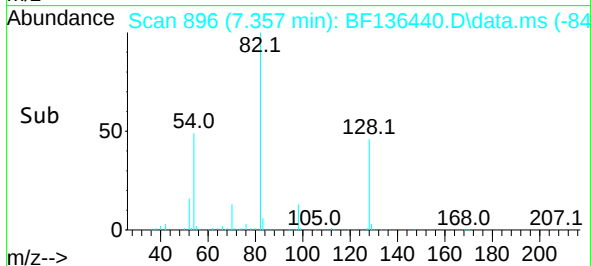
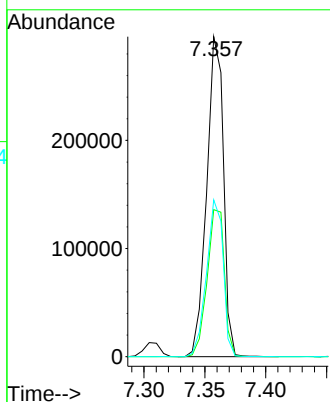
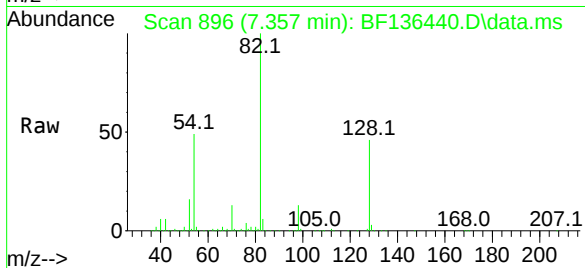
SPRING-VALLEY-TP-3MSD

Tgt Ion: 82 Resp: 28315

Ion	Ratio	Lower	Upper
82	100		
128	46.0	36.3	54.5
54	49.0	39.0	58.6

Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 12/07/2023
Supervised By :mohammad ahmed 12/07/2023



#24

Nitrobenzene

Concen: 37.319 ng

RT: 7.381 min Scan# 900

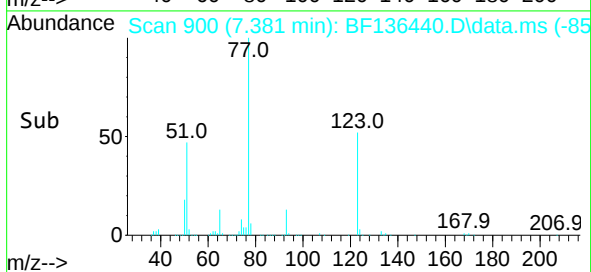
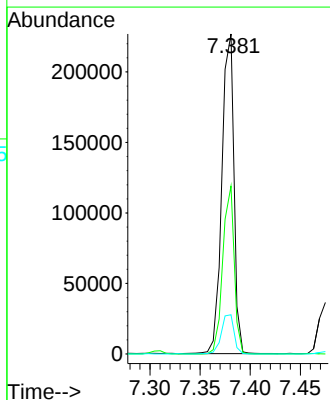
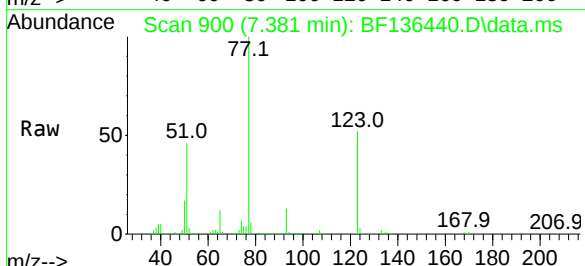
Delta R.T. -0.006 min

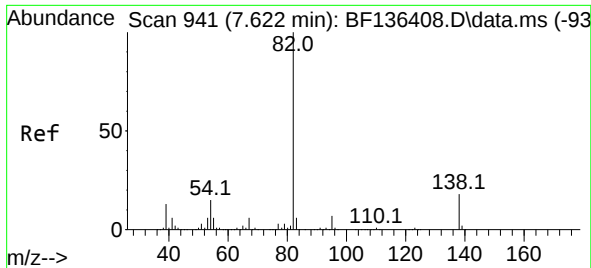
Lab File: BF136440.D

Acq: 06 Dec 2023 21:26

Tgt Ion: 77 Resp: 189721

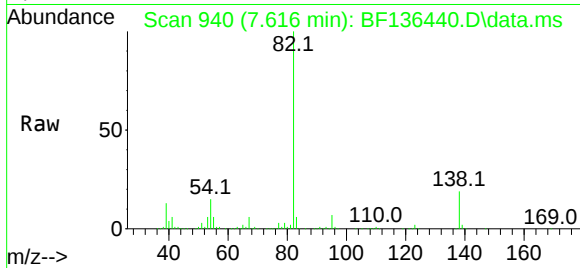
Ion	Ratio	Lower	Upper
77	100		
123	52.5	39.0	58.6
65	12.2	11.3	16.9





#25
Isophorone
Concen: 37.239 ng
RT: 7.616 min Scan# 941
Delta R.T. -0.006 min
Lab File: BF136440.D
Acq: 06 Dec 2023 21:26

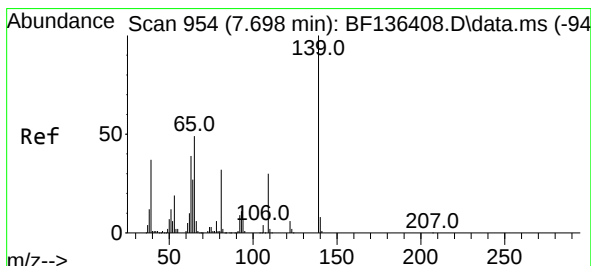
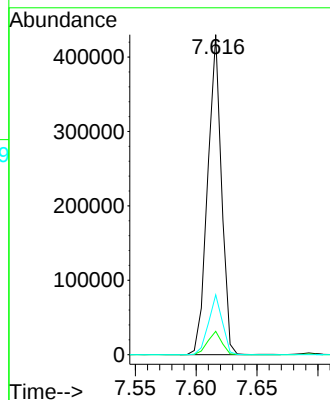
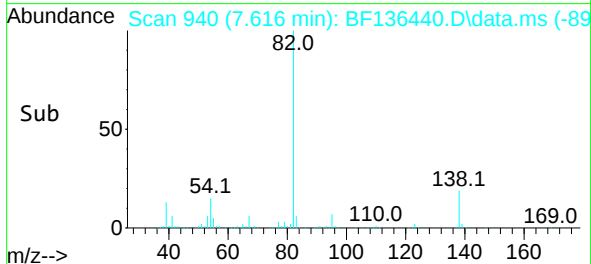
Instrument :
BNA_F
ClientSampleId :
SPRING-VALLEY-TP-3MSD



Tgt Ion: 82 Resp: 33810
Ion Ratio Lower Upper
82 100
95 7.3 5.7 8.5
138 18.7 14.5 21.7

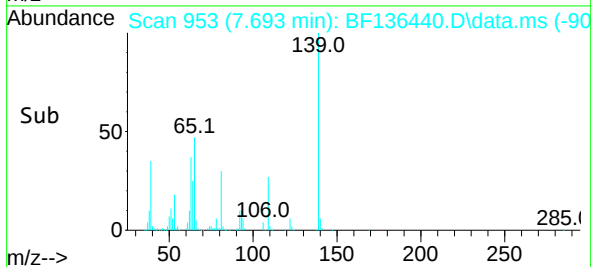
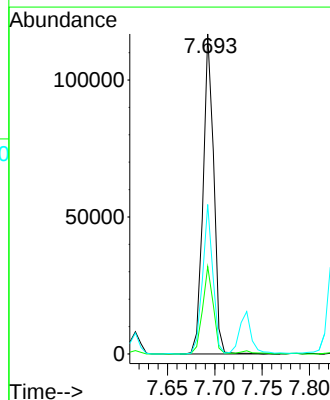
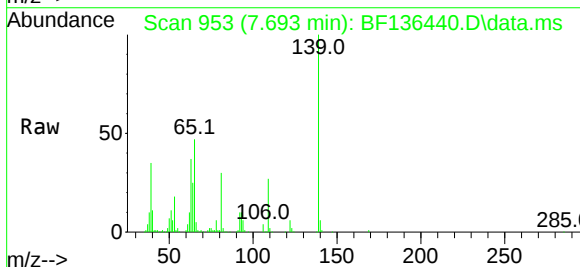
Manual Integrations
APPROVED

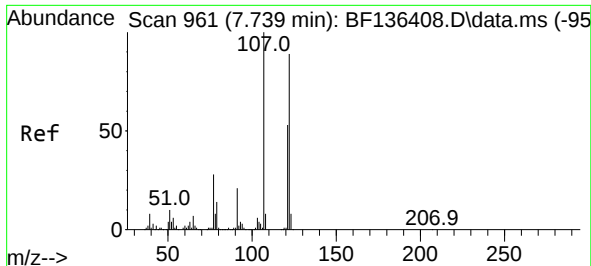
Reviewed By :Yogesh Patel 12/07/2023
Supervised By :mohammad ahmed 12/07/2023



#26
2-Nitrophenol
Concen: 36.697 ng
RT: 7.693 min Scan# 953
Delta R.T. -0.006 min
Lab File: BF136440.D
Acq: 06 Dec 2023 21:26

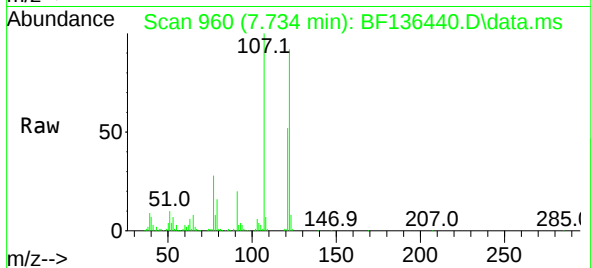
Tgt Ion:139 Resp: 91715
Ion Ratio Lower Upper
139 100
109 27.3 23.6 35.4
65 46.7 39.4 59.2





#27
2,4-Dimethylphenol
Concen: 46.880 ng
RT: 7.734 min Scan# 90
Delta R.T. -0.006 min
Lab File: BF136440.D
Acq: 06 Dec 2023 21:26

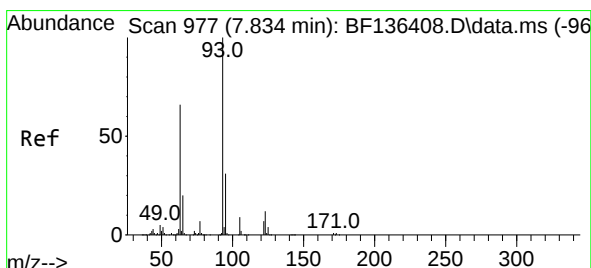
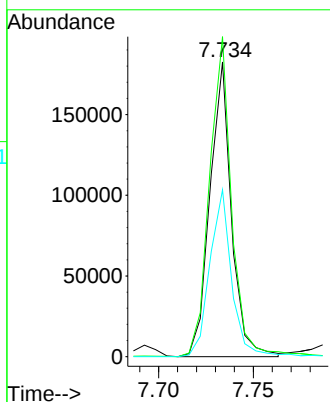
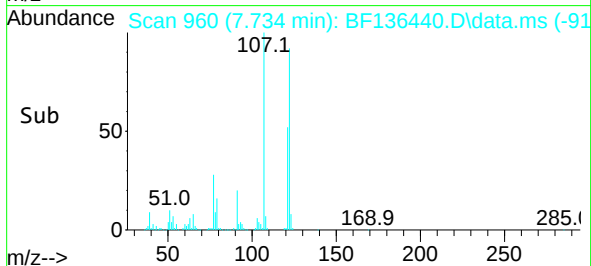
Instrument :
BNA_F
ClientSampleId :
SPRING-VALLEY-TP-3MSD



Tgt Ion:122 Resp: 144472
Ion Ratio Lower Upper
122 100
107 108.5 89.3 133.9
121 56.6 47.6 71.4

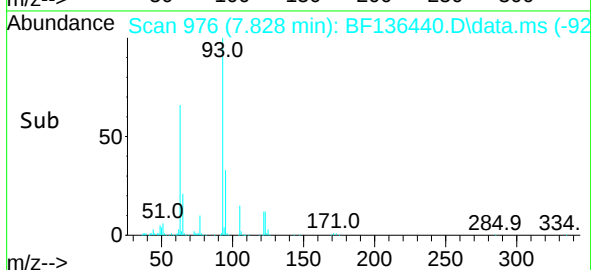
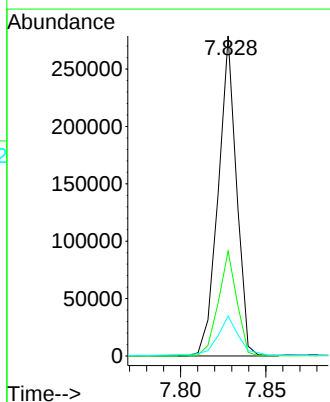
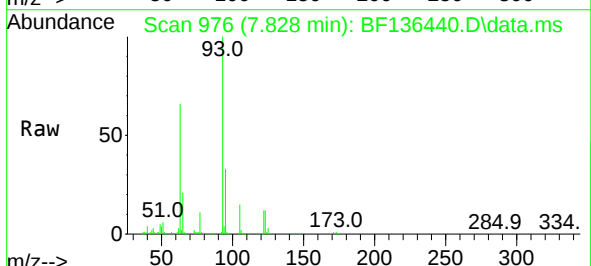
Manual Integrations
APPROVED

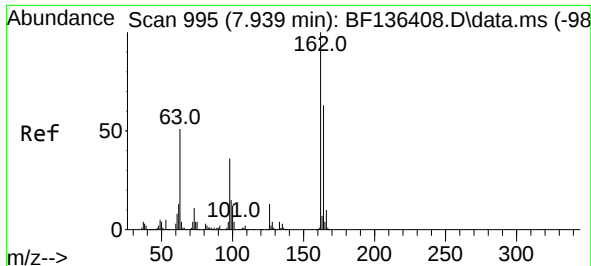
Reviewed By :Yogesh Patel 12/07/2023
Supervised By :mohammad ahmed 12/07/2023



#28
bis(2-Chloroethoxy)methane
Concen: 37.421 ng
RT: 7.828 min Scan# 976
Delta R.T. -0.006 min
Lab File: BF136440.D
Acq: 06 Dec 2023 21:26

Tgt Ion: 93 Resp: 208770
Ion Ratio Lower Upper
93 100
95 32.8 25.0 37.4
123 12.5 9.4 14.0





#29

2,4-Dichlorophenol

Concen: 36.597 ng

RT: 7.934 min Scan# 994

Delta R.T. -0.006 min

Lab File: BF136440.D

Acq: 06 Dec 2023 21:26

Instrument :

BNA_F

ClientSampleId :

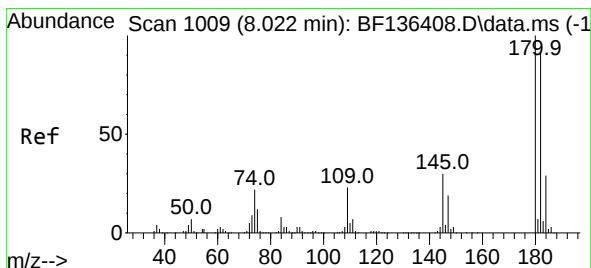
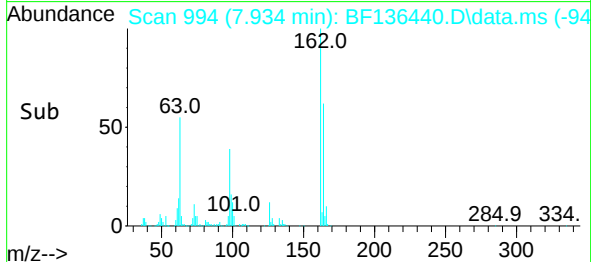
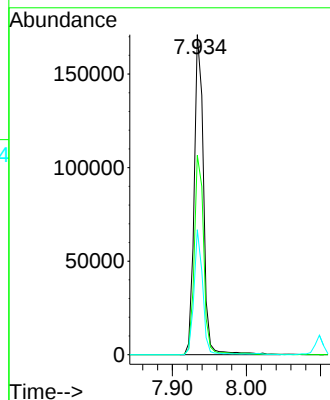
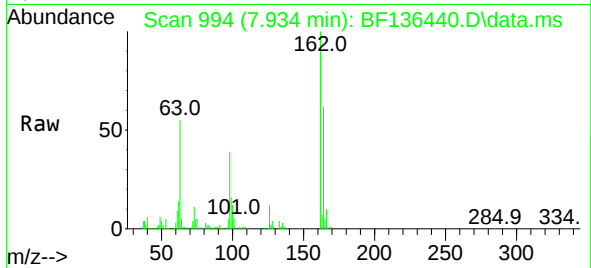
SPRING-VALLEY-TP-3MSD

Tgt Ion:162 Resp: 148864
 Ion Ratio Lower Upper
 162 100
 164 62.3 43.0 83.0
 98 39.1 16.2 56.2

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 12/07/2023
 Supervised By :mohammad ahmed 12/07/2023



#30

1,2,4-Trichlorobenzene

Concen: 36.046 ng

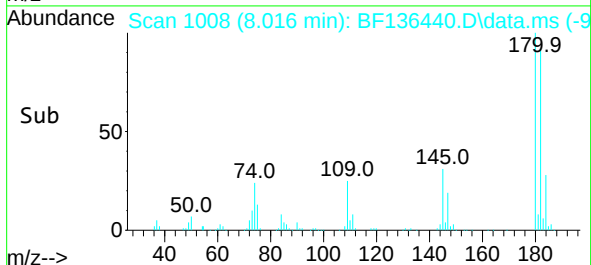
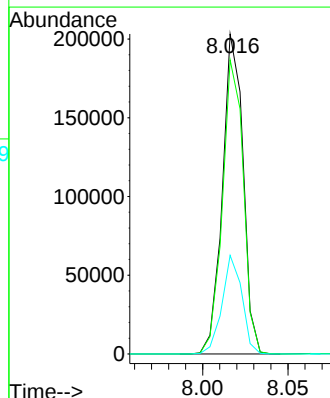
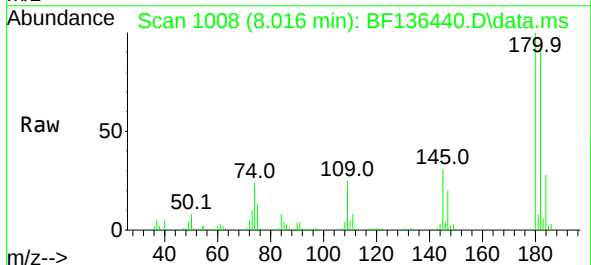
RT: 8.016 min Scan# 1008

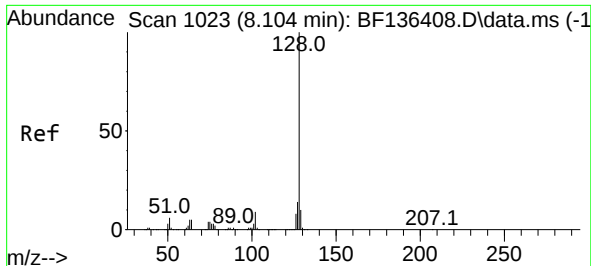
Delta R.T. -0.006 min

Lab File: BF136440.D

Acq: 06 Dec 2023 21:26

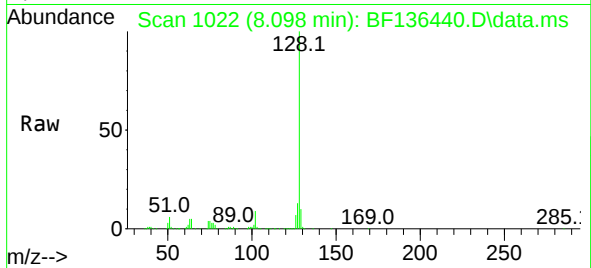
Tgt Ion:180 Resp: 170971
 Ion Ratio Lower Upper
 180 100
 182 91.9 73.1 109.7
 145 30.8 23.8 35.8





#31
Naphthalene
Concen: 36.307 ng
RT: 8.098 min Scan# 1023
Delta R.T. -0.006 min
Lab File: BF136440.D
Acq: 06 Dec 2023 21:26

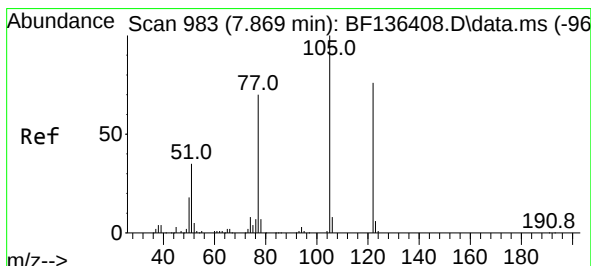
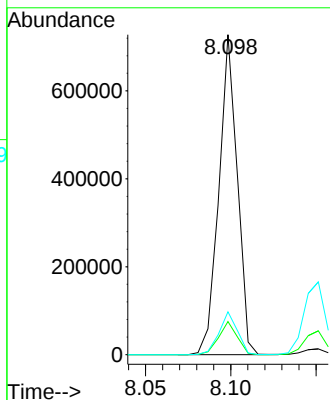
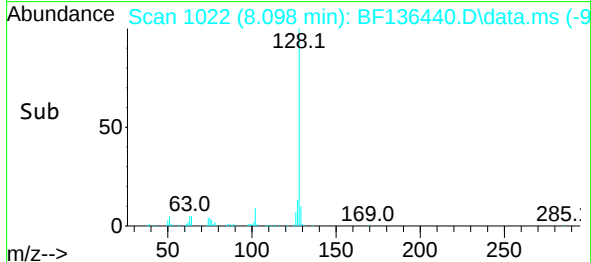
Instrument :
BNA_F
ClientSampleId :
SPRING-VALLEY-TP-3MSD



Tgt Ion:128 Resp: 54698
Ion Ratio Lower Upper
128 100
129 10.4 8.3 12.5
127 13.4 11.1 16.7

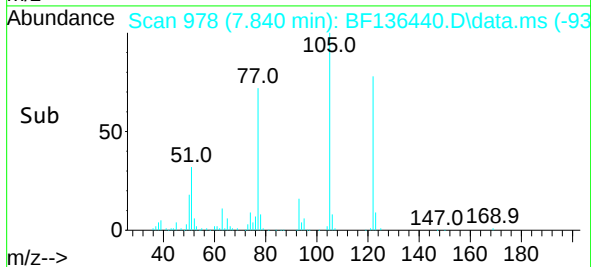
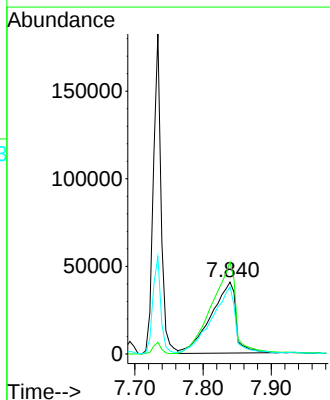
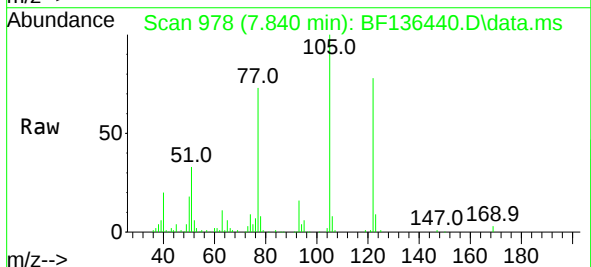
Manual Integrations
APPROVED

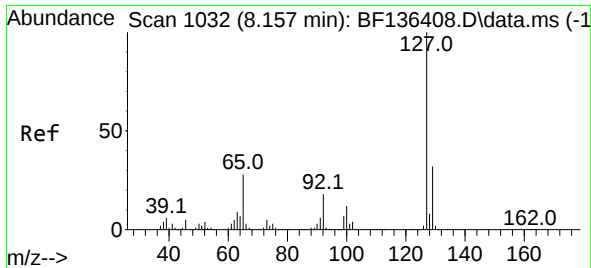
Reviewed By :Yogesh Patel 12/07/2023
Supervised By :mohammad ahmed 12/07/2023



#32
Benzoic acid
Concen: 34.095 ng
RT: 7.840 min Scan# 978
Delta R.T. -0.029 min
Lab File: BF136440.D
Acq: 06 Dec 2023 21:26

Tgt Ion:122 Resp: 104233
Ion Ratio Lower Upper
122 100
105 127.9 104.7 144.7
77 93.5 68.5 108.5





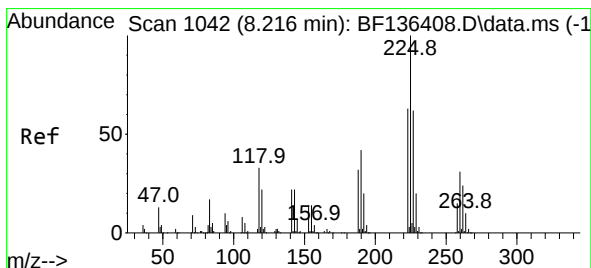
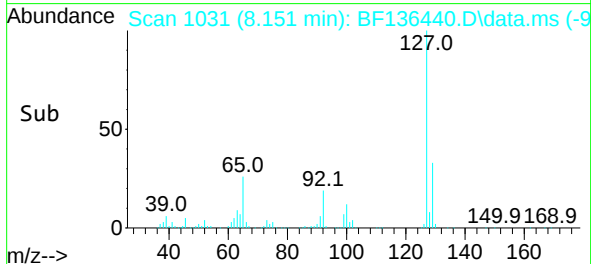
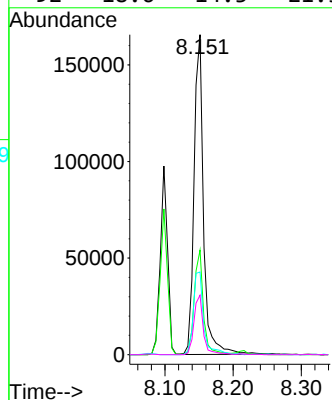
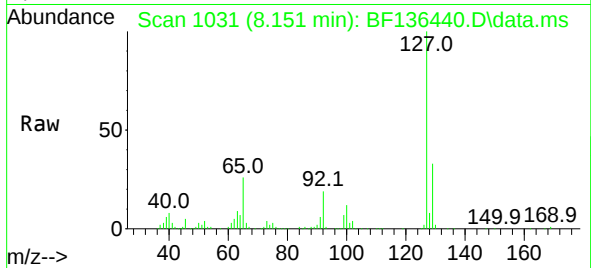
#33
4-Chloroaniline
Concen: 29.710 ng
RT: 8.151 min Scan# 1031
Delta R.T. -0.006 min
Lab File: BF136440.D
Acq: 06 Dec 2023 21:26

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

Tgt Ion:127 Resp: 15957
Ion Ratio Lower Upper
127 100
129 32.7 25.4 38.2
65 25.9 22.5 33.7
92 18.6 14.3 21.5

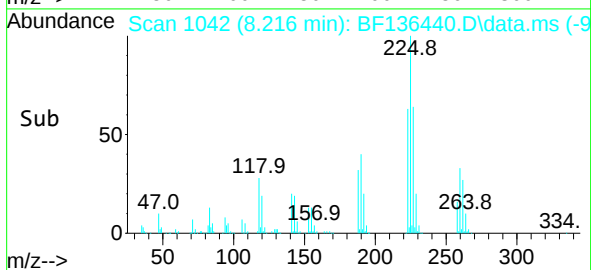
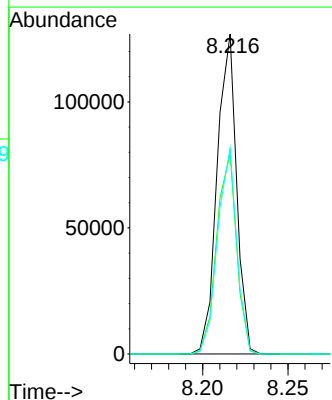
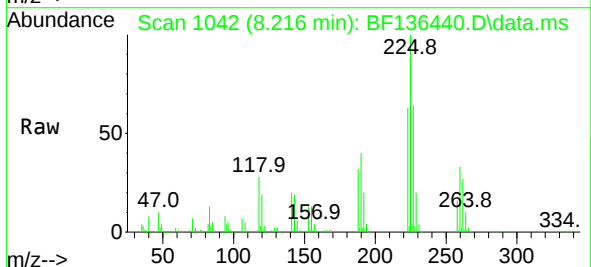
Manual Integrations
APPROVED

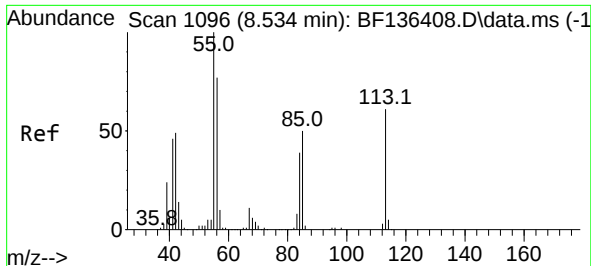
Reviewed By :Yogesh Patel 12/07/2023
Supervised By :mohammad ahmed 12/07/2023



#34
Hexachlorobutadiene
Concen: 35.857 ng
RT: 8.216 min Scan# 1042
Delta R.T. 0.000 min
Lab File: BF136440.D
Acq: 06 Dec 2023 21:26

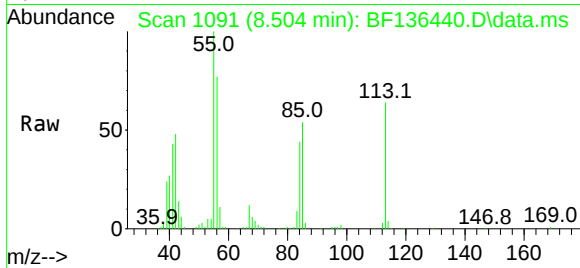
Tgt Ion:225 Resp: 100795
Ion Ratio Lower Upper
225 100
223 62.5 50.8 76.2
227 64.4 49.8 74.8





#35
Caprolactam
Concen: 37.755 ng m
RT: 8.504 min Scan# 1109
Delta R.T. -0.029 min
Lab File: BF136440.D
Acq: 06 Dec 2023 21:26

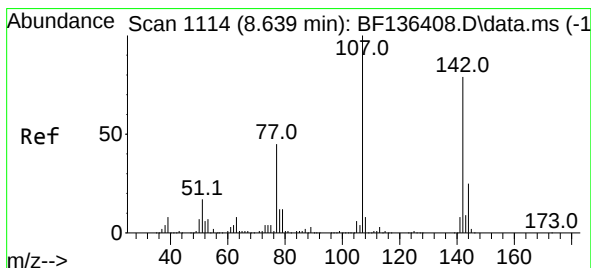
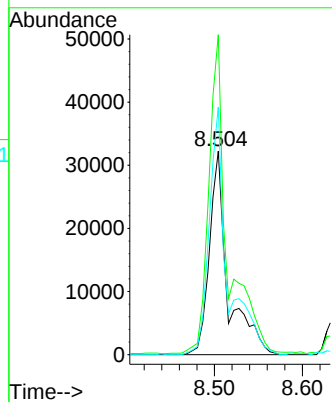
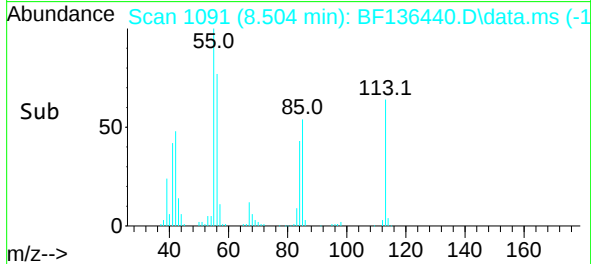
Instrument :
BNA_F
ClientSampleId :
SPRING-VALLEY-TP-3MSD



Tgt Ion:113 Resp: 47294
Ion Ratio Lower Upper
113 100
55 157.3 143.7 183.7
56 121.7 105.2 145.2

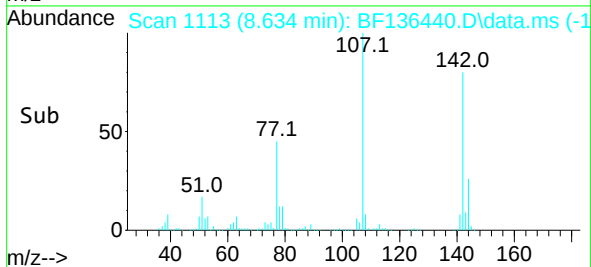
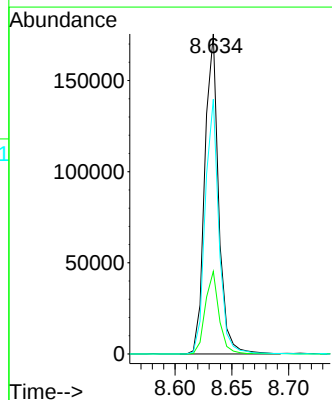
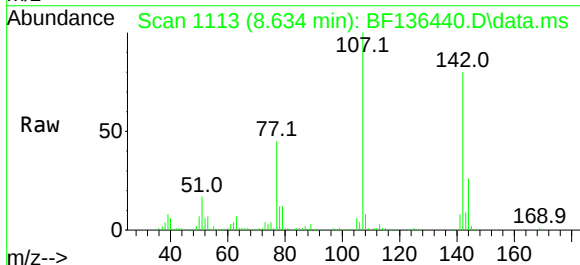
Manual Integrations
APPROVED

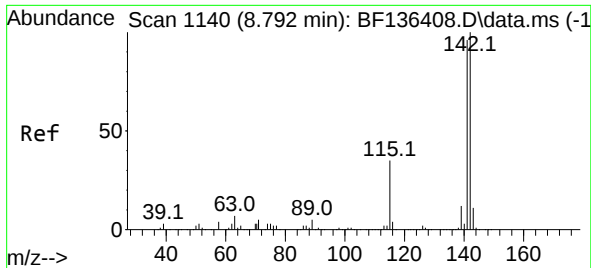
Reviewed By :Yogesh Patel 12/07/2023
Supervised By :mohammad ahmed 12/07/2023



#36
4-Chloro-3-methylphenol
Concen: 34.505 ng
RT: 8.634 min Scan# 1113
Delta R.T. -0.006 min
Lab File: BF136440.D
Acq: 06 Dec 2023 21:26

Tgt Ion:107 Resp: 149027
Ion Ratio Lower Upper
107 100
144 25.8 20.1 30.1
142 79.6 63.1 94.7





#37

2-Methylnaphthalene

Concen: 34.208 ng

RT: 8.792 min Scan# 1140

Delta R.T. 0.000 min

Lab File: BF136440.D

Acq: 06 Dec 2023 21:26

Instrument :

BNA_F

ClientSampleId :

SPRING-VALLEY-TP-3MSD

Tgt Ion:142 Resp: 32787

Ion Ratio Lower Upper

142 100

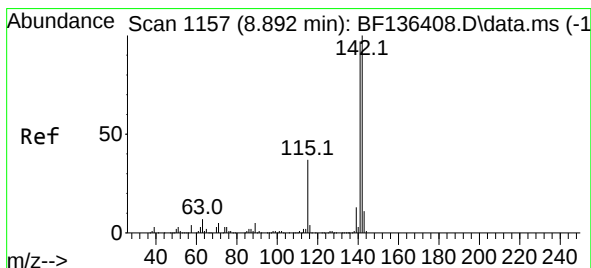
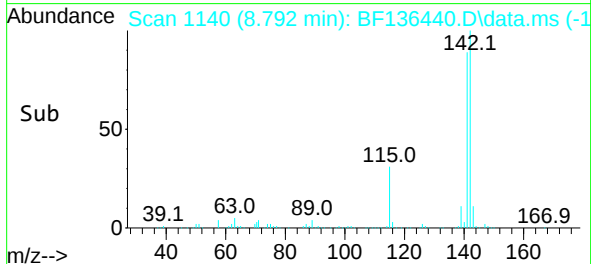
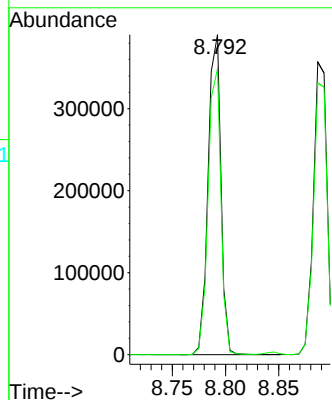
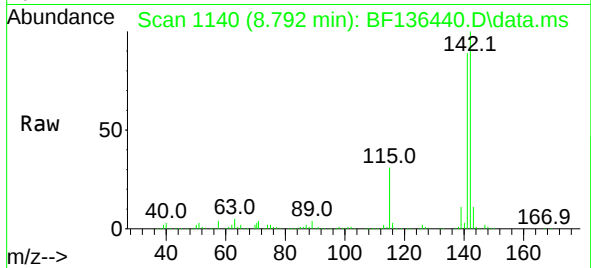
141 89.4 76.4 114.6

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 12/07/2023

Supervised By :mohammad ahmed 12/07/2023



#38

1-Methylnaphthalene

Concen: 33.536 ng

RT: 8.887 min Scan# 1156

Delta R.T. -0.006 min

Lab File: BF136440.D

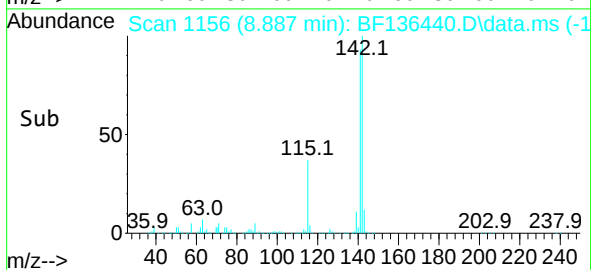
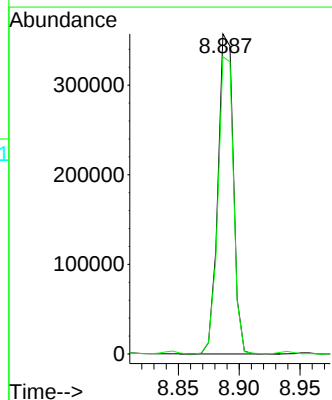
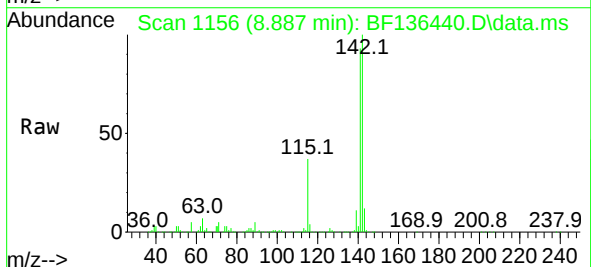
Acq: 06 Dec 2023 21:26

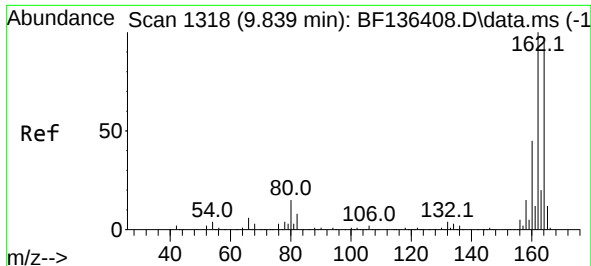
Tgt Ion:142 Resp: 315411

Ion Ratio Lower Upper

142 100

141 92.9 77.7 116.5





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.834 min Scan# 1168

Delta R.T. -0.006 min

Lab File: BF136440.D

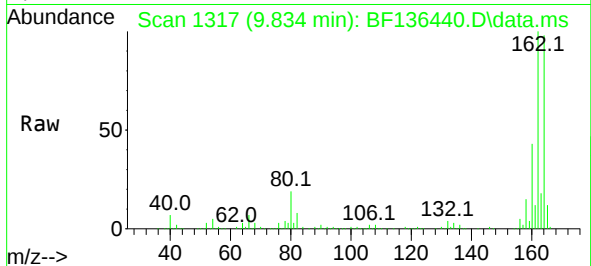
Acq: 06 Dec 2023 21:26

Instrument :

BNA_F

ClientSampleId :

SPRING-VALLEY-TP-3MSD



Tgt Ion:164 Resp: 131749

Ion Ratio Lower Upper

164 100

162 102.3 84.4 126.6

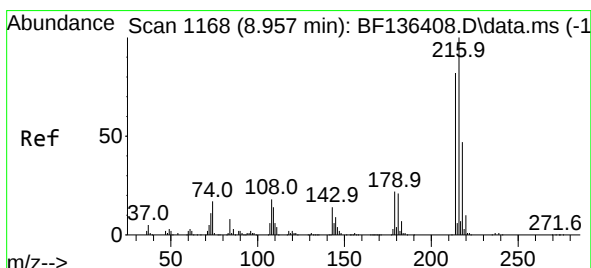
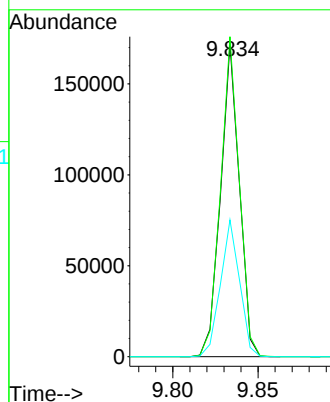
160 43.7 37.6 56.4

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 12/07/2023

Supervised By :mohammad ahmed 12/07/2023



#40

1,2,4,5-Tetrachlorobenzene

Concen: 39.569 ng

RT: 8.957 min Scan# 1168

Delta R.T. 0.000 min

Lab File: BF136440.D

Acq: 06 Dec 2023 21:26

Tgt Ion:216 Resp: 162189

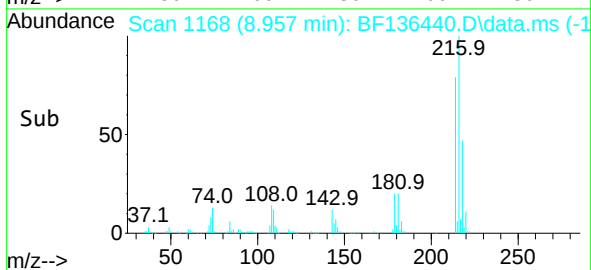
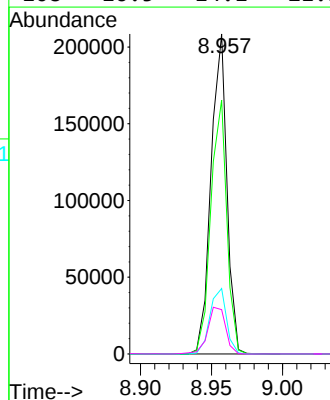
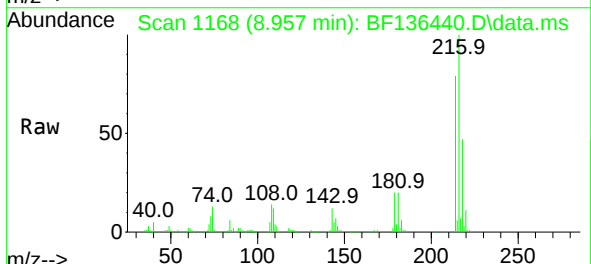
Ion Ratio Lower Upper

216 100

214 79.9 64.1 96.1

179 21.5 17.0 25.6

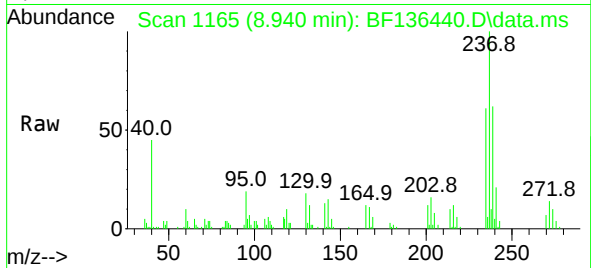
108 16.5 14.1 21.1





#41
Hexachlorocyclopentadiene
Concen: 11.492 ng
RT: 8.940 min Scan# 1165
Delta R.T. -0.006 min
Lab File: BF136440.D
Acq: 06 Dec 2023 21:26

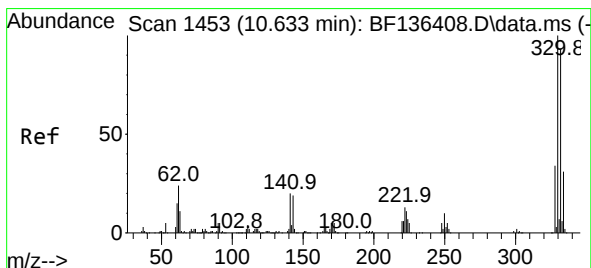
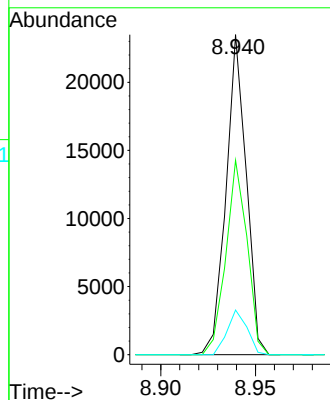
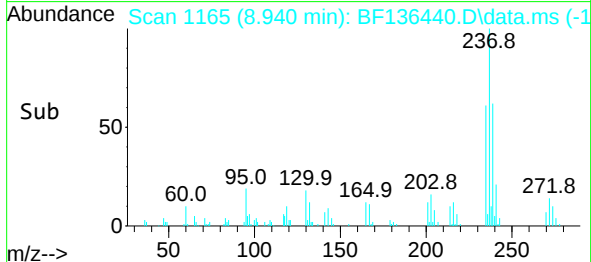
Instrument :
BNA_F
ClientSampleId :
SPRING-VALLEY-TP-3MSD



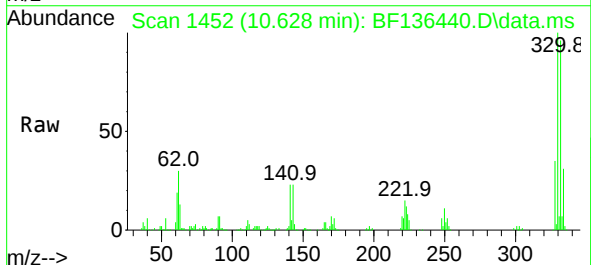
Tgt Ion:237 Resp: 1745
Ion Ratio Lower Upper
237 100
235 60.7 44.1 84.1
272 13.9 0.0 33.3

Manual Integrations
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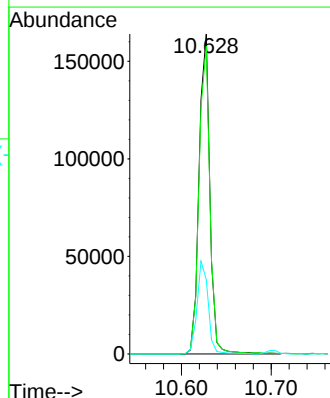
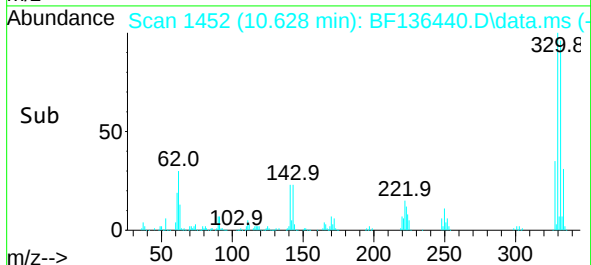
Reviewed By :Yogesh Patel 12/07/2023
Supervised By :mohammad ahmed 12/07/2023

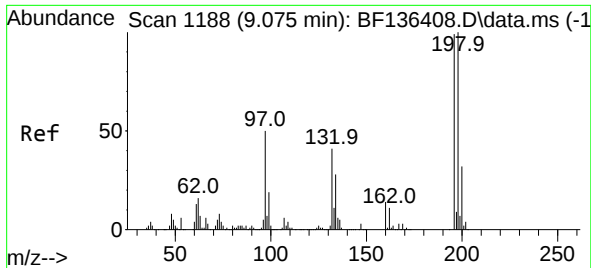


#42
2,4,6-Tribromophenol
Concen: 84.336 ng
RT: 10.628 min Scan# 1452
Delta R.T. -0.006 min
Lab File: BF136440.D
Acq: 06 Dec 2023 21:26



Tgt Ion:330 Resp: 137002
Ion Ratio Lower Upper
330 100
332 96.9 76.4 114.6
141 29.9 23.4 35.2





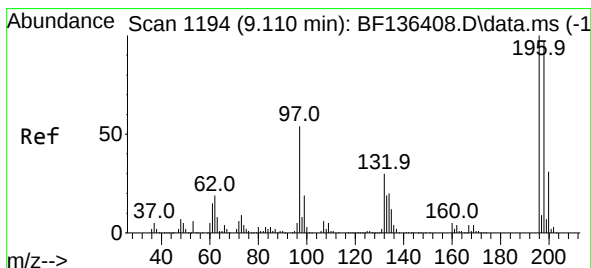
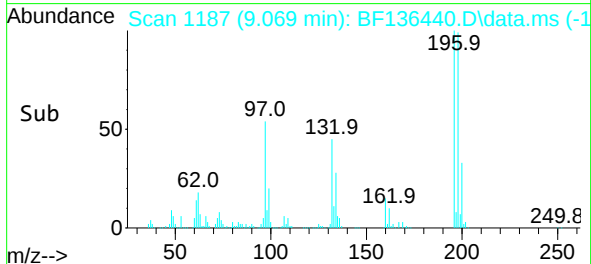
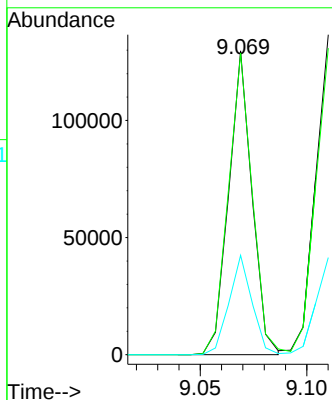
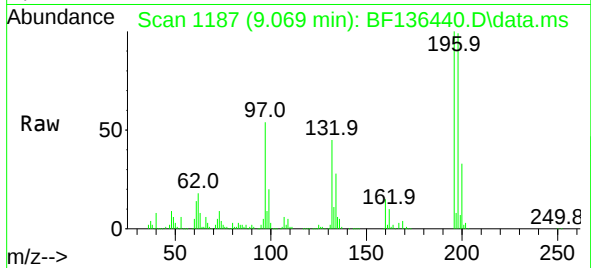
#43
2,4,6-Trichlorophenol
Concen: 36.996 ng
RT: 9.069 min Scan# 1187
Delta R.T. -0.006 min
Lab File: BF136440.D
Acq: 06 Dec 2023 21:26

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

Tgt Ion:196 Resp: 98738
Ion Ratio Lower Upper
196 100
198 99.3 80.4 120.6
200 32.7 25.9 38.9

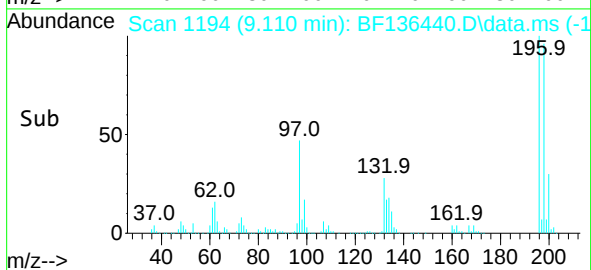
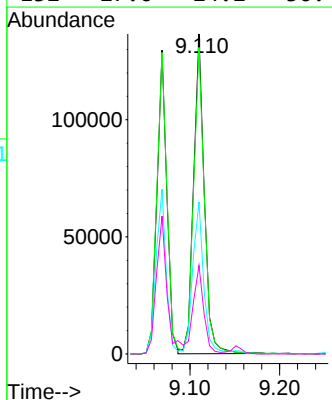
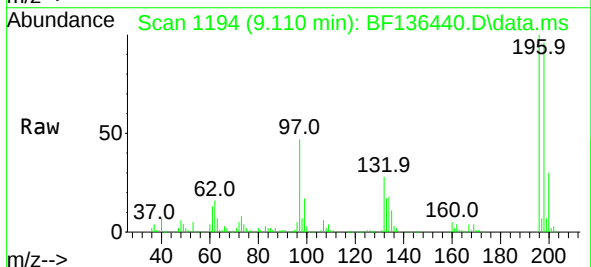
Manual Integrations
APPROVED

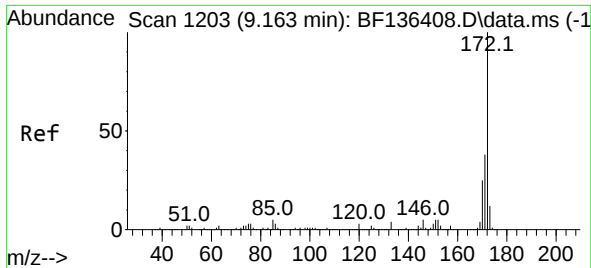
Reviewed By :Yogesh Patel 12/07/2023
Supervised By :mohammad ahmed 12/07/2023



#44
2,4,5-Trichlorophenol
Concen: 38.080 ng
RT: 9.110 min Scan# 1194
Delta R.T. 0.000 min
Lab File: BF136440.D
Acq: 06 Dec 2023 21:26

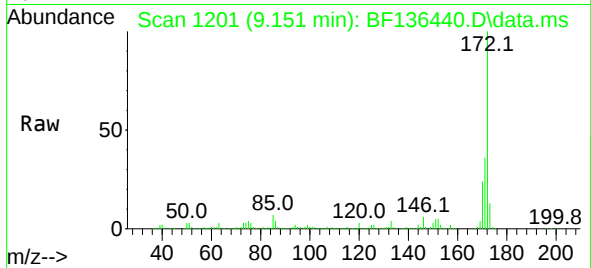
Tgt Ion:196 Resp: 113430
Ion Ratio Lower Upper
196 100
198 95.8 78.1 117.1
97 47.5 43.4 65.2
132 27.6 24.2 36.4





#45
2-Fluorobiphenyl
Concen: 53.791 ng
RT: 9.151 min Scan# 11
Delta R.T. -0.012 min
Lab File: BF136440.D
Acq: 06 Dec 2023 21:26

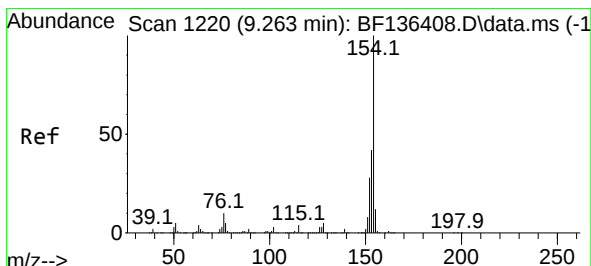
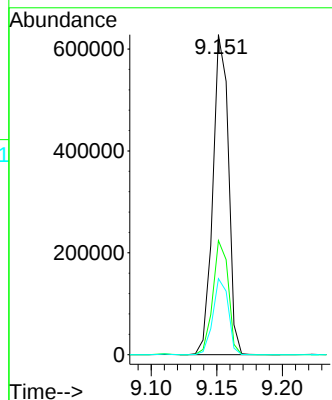
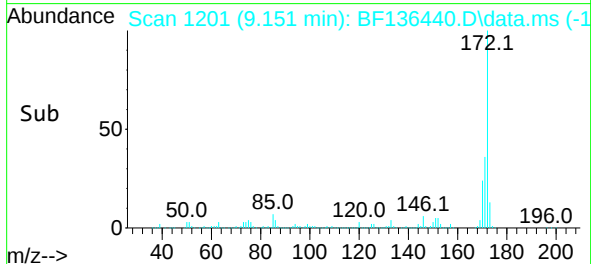
Instrument :
BNA_F
ClientSampleId :
SPRING-VALLEY-TP-3MSD



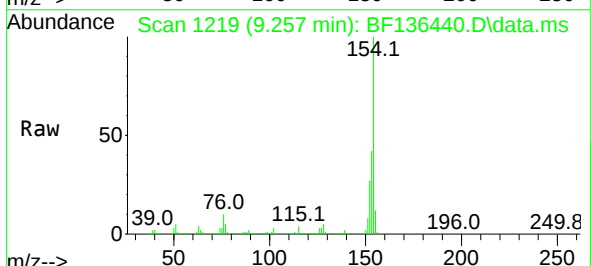
Tgt Ion:172 Resp: 51937
Ion Ratio Lower Upper
172 100
171 35.7 30.5 45.7
170 23.8 19.9 29.9

Manual Integrations
APPROVED

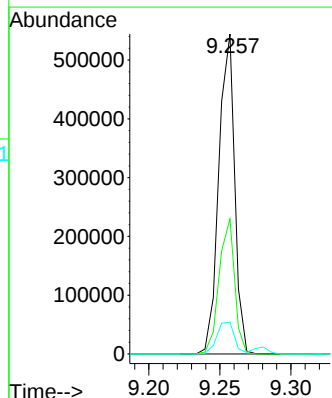
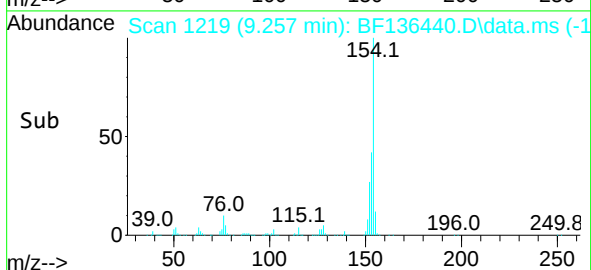
Reviewed By :Yogesh Patel 12/07/2023
Supervised By :mohammad ahmed 12/07/2023



#46
1,1'-Biphenyl
Concen: 37.641 ng
RT: 9.257 min Scan# 1219
Delta R.T. -0.006 min
Lab File: BF136440.D
Acq: 06 Dec 2023 21:26



Tgt Ion:154 Resp: 421970
Ion Ratio Lower Upper
154 100
153 42.2 22.5 62.5
76 10.0 0.0 29.9





#47

2-Chloronaphthalene

Concen: 36.403 ng

RT: 9.281 min Scan# 11

Delta R.T. -0.006 min

Lab File: BF136440.D

Acq: 06 Dec 2023 21:26

Instrument :

BNA_F

ClientSampleId :

SPRING-VALLEY-TP-3MSD

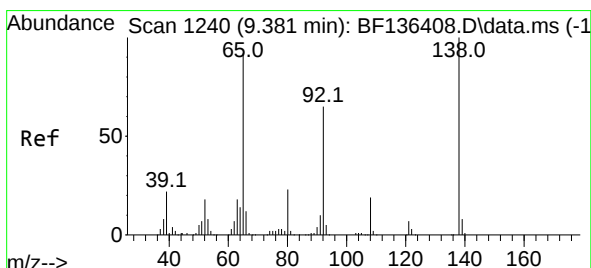
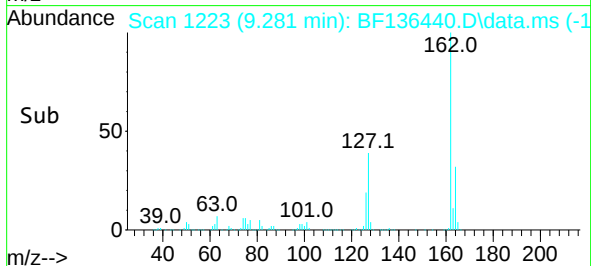
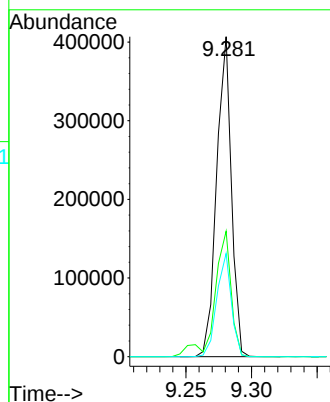
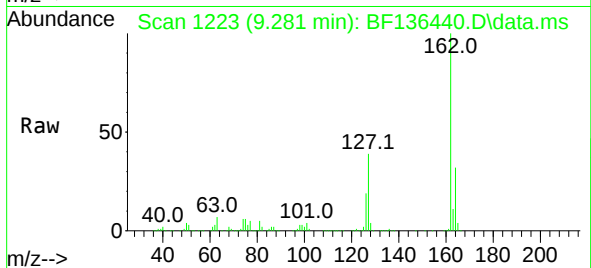
Tgt Ion:162 Resp: 31763
 Ion Ratio Lower Upper
 162 100
 127 39.2 31.1 46.7
 164 32.2 24.6 37.0

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 12/07/2023

Supervised By :mohammad ahmed 12/07/2023



#48

2-Nitroaniline

Concen: 41.691 ng

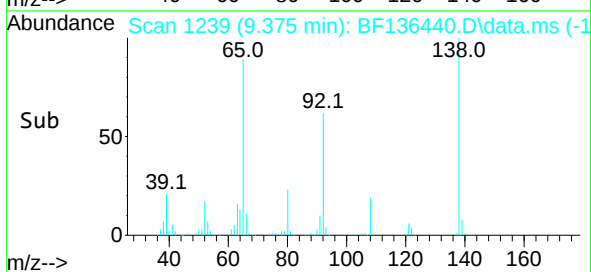
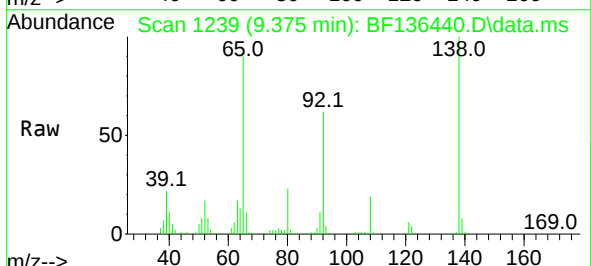
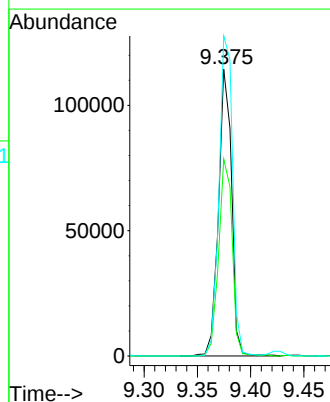
RT: 9.375 min Scan# 1239

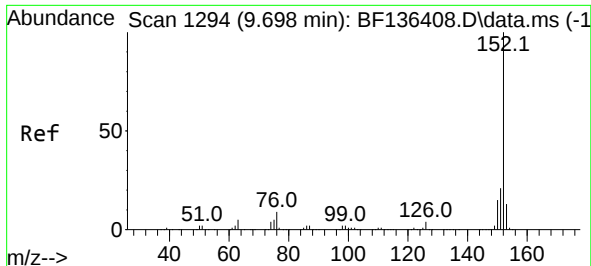
Delta R.T. -0.006 min

Lab File: BF136440.D

Acq: 06 Dec 2023 21:26

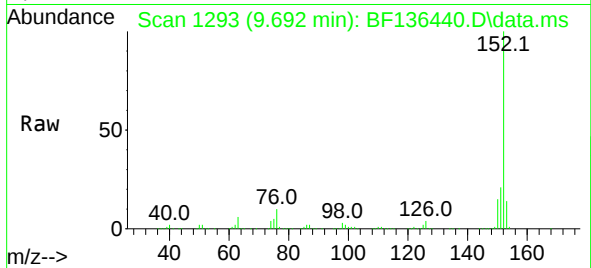
Tgt Ion: 65 Resp: 97565
 Ion Ratio Lower Upper
 65 100
 92 68.7 56.1 84.1
 138 111.5 86.7 130.1





#49
Acenaphthylene
Concen: 40.222 ng
RT: 9.692 min Scan# 1294
Delta R.T. -0.006 min
Lab File: BF136440.D
Acq: 06 Dec 2023 21:26

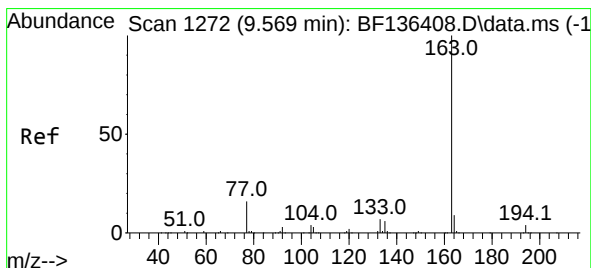
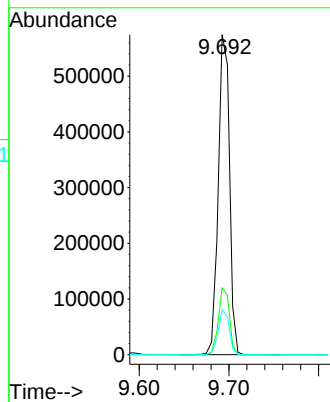
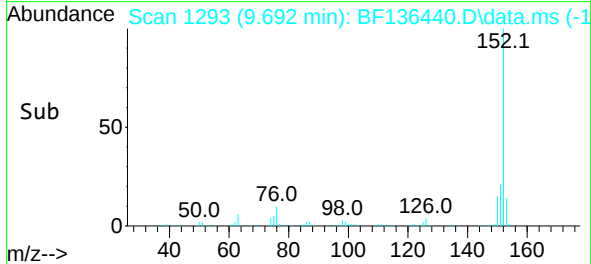
Instrument :
BNA_F
ClientSampleId :
SPRING-VALLEY-TP-3MSD



Tgt Ion:152 Resp: 499938
Ion Ratio Lower Upper
152 100
151 20.9 17.2 25.8
153 14.1 10.6 15.8

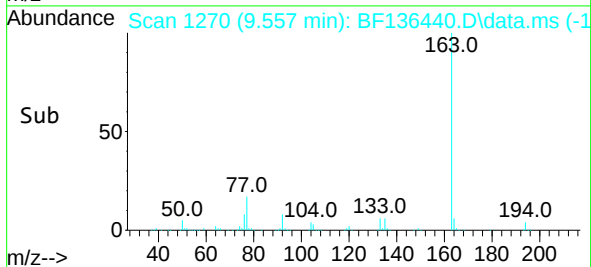
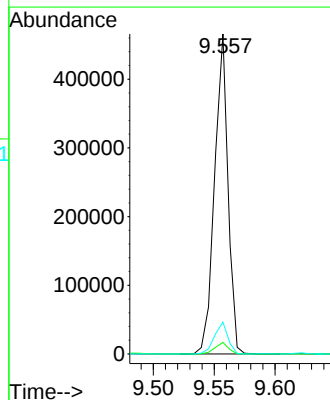
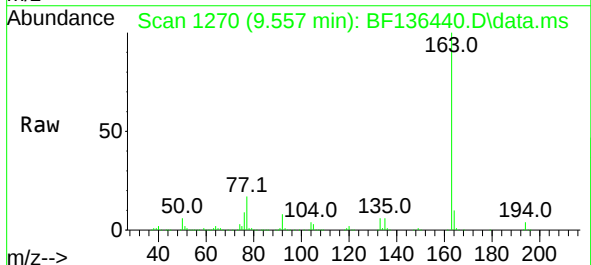
Manual Integrations
APPROVED

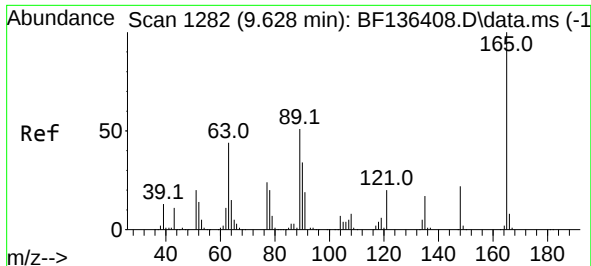
Reviewed By :Yogesh Patel 12/07/2023
Supervised By :mohammad ahmed 12/07/2023



#50
Dimethylphthalate
Concen: 36.694 ng
RT: 9.557 min Scan# 1270
Delta R.T. -0.012 min
Lab File: BF136440.D
Acq: 06 Dec 2023 21:26

Tgt Ion:163 Resp: 355926
Ion Ratio Lower Upper
163 100
194 3.6 3.0 4.6
164 9.9 7.4 11.2





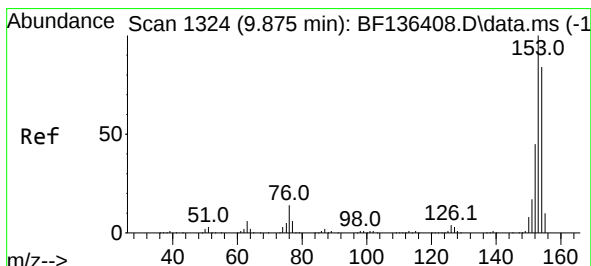
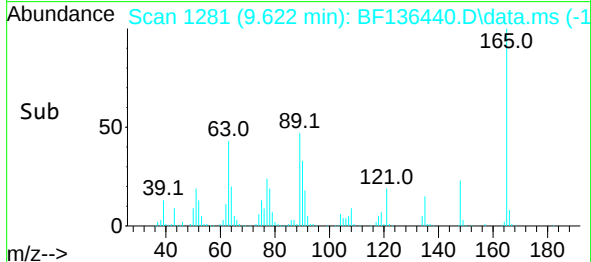
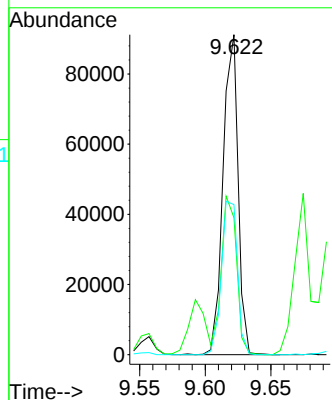
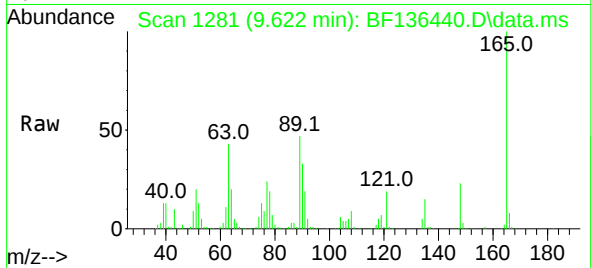
#51
2,6-Dinitrotoluene
Concen: 33.142 ng
RT: 9.622 min Scan# 1282
Delta R.T. -0.006 min
Lab File: BF136440.D
Acq: 06 Dec 2023 21:26

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

Tgt Ion:165 Resp: 7232
Ion Ratio Lower Upper
165 100
63 42.8 40.4 60.6
89 46.9 40.6 60.8

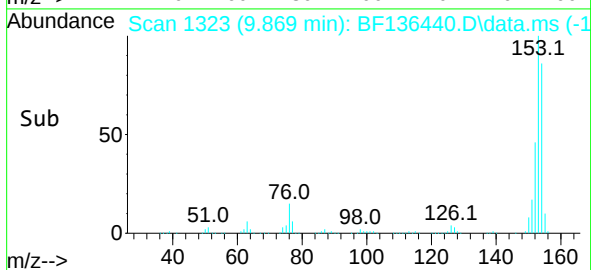
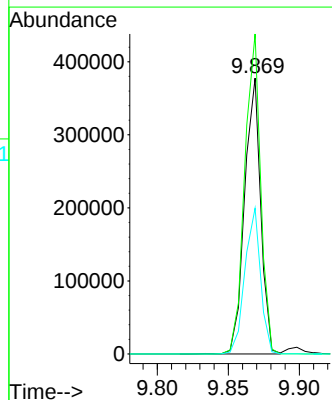
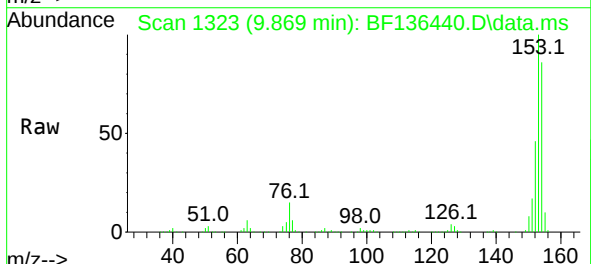
Manual Integrations
APPROVED

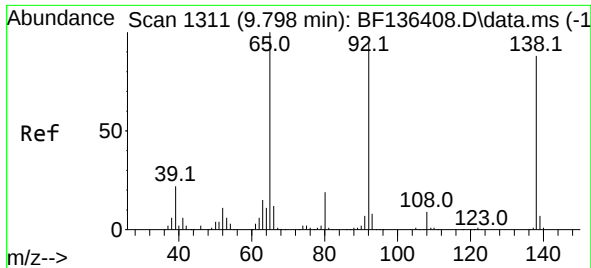
Reviewed By :Yogesh Patel 12/07/2023
Supervised By :mohammad ahmed 12/07/2023



#52
Acenaphthene
Concen: 37.311 ng
RT: 9.869 min Scan# 1323
Delta R.T. -0.006 min
Lab File: BF136440.D
Acq: 06 Dec 2023 21:26

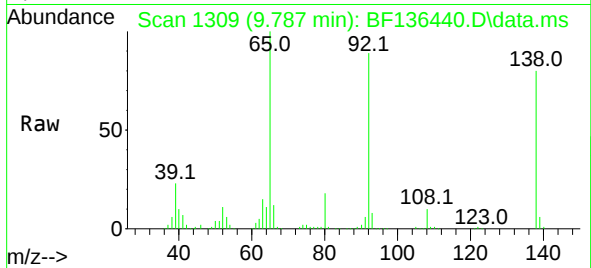
Tgt Ion:154 Resp: 297179
Ion Ratio Lower Upper
154 100
153 116.0 95.3 142.9
152 52.8 43.2 64.8





#53
3-Nitroaniline
Concen: 42.826 ng
RT: 9.787 min Scan# 1309
Delta R.T. -0.012 min
Lab File: BF136440.D
Acq: 06 Dec 2023 21:26

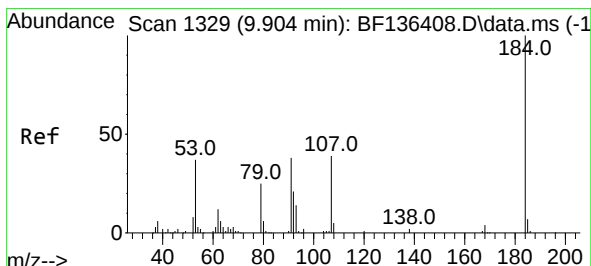
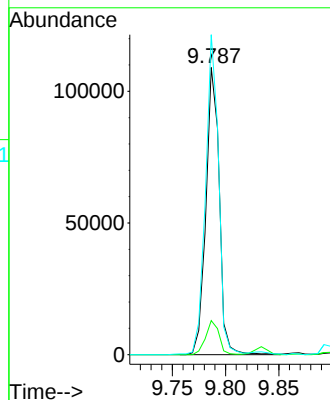
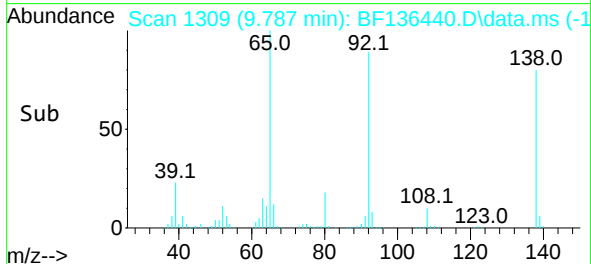
Instrument :
BNA_F
ClientSampleId :
SPRING-VALLEY-TP-3MSD



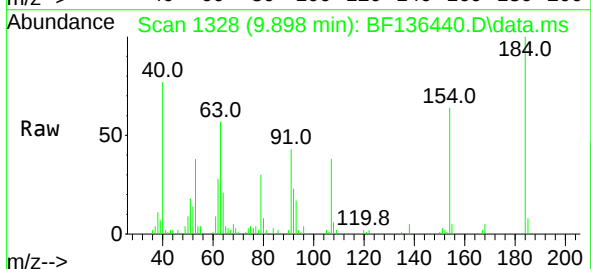
Tgt Ion:138 Resp: 9543
Ion Ratio Lower Upper
138 100
108 11.9 8.5 12.7
92 111.4 86.1 129.1

Manual Integrations
APPROVED

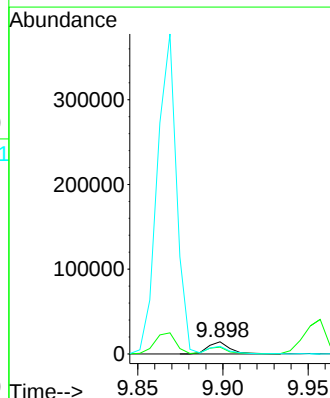
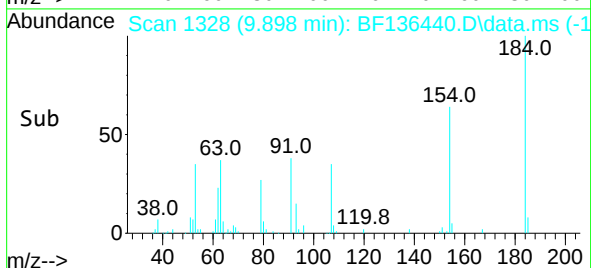
Reviewed By :Yogesh Patel 12/07/2023
Supervised By :mohammad ahmed 12/07/2023

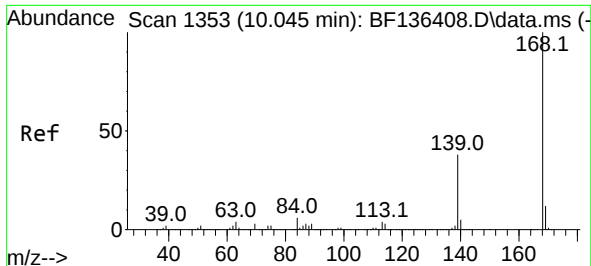


#54
2,4-Dinitrophenol
Concen: 11.582 ng
RT: 9.898 min Scan# 1328
Delta R.T. -0.006 min
Lab File: BF136440.D
Acq: 06 Dec 2023 21:26



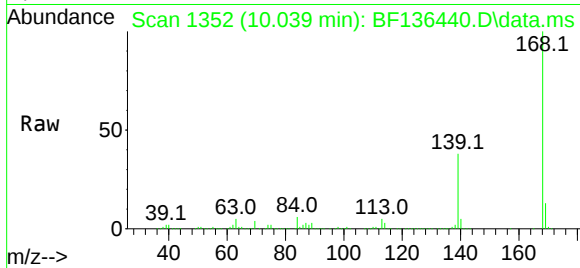
Tgt Ion:184 Resp: 12779
Ion Ratio Lower Upper
184 100
63 56.9 39.1 58.7
154 63.7 49.9 74.9





#55
Dibenzenofuran
Concen: 38.795 ng
RT: 10.039 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF136440.D
Acq: 06 Dec 2023 21:26

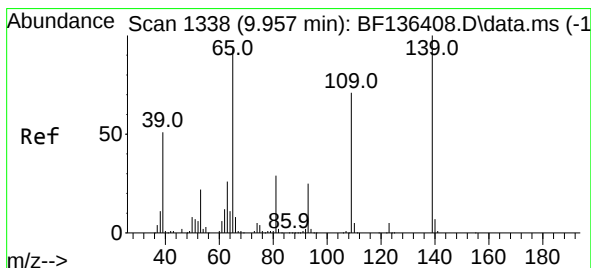
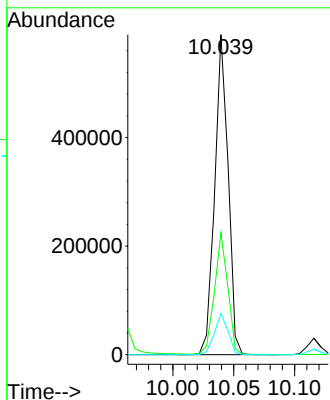
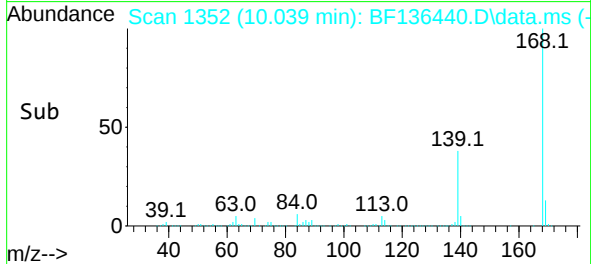
Instrument :
BNA_F
ClientSampleId :
SPRING-VALLEY-TP-3MSD



Tgt Ion:168 Resp: 451414
Ion Ratio Lower Upper
168 100
139 38.1 30.4 45.6
169 12.9 9.9 14.9

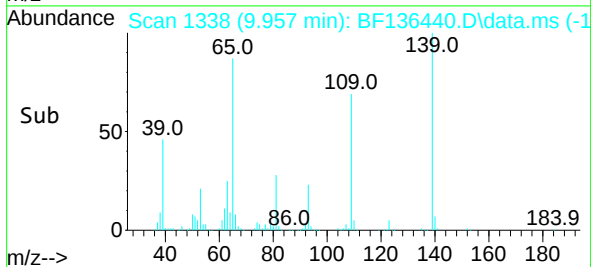
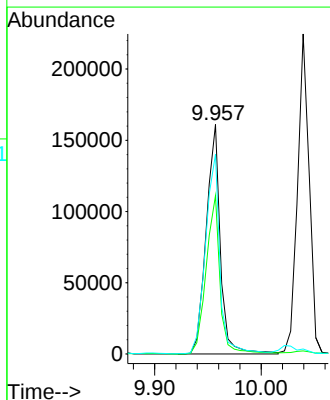
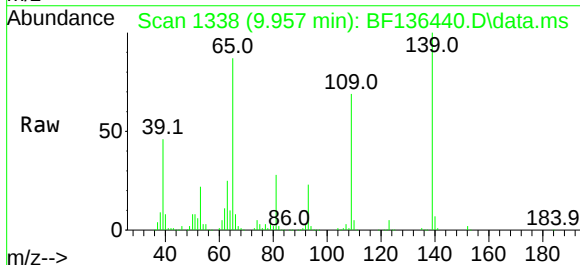
Manual Integrations
APPROVED

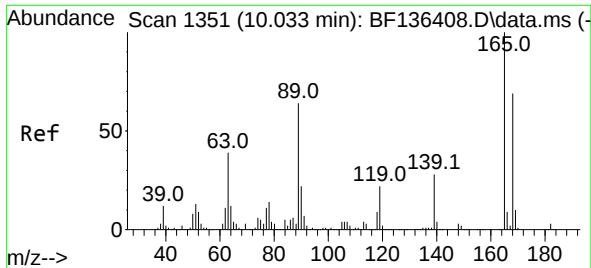
Reviewed By :Yogesh Patel 12/07/2023
Supervised By :mohammad ahmed 12/07/2023



#56
4-Nitrophenol
Concen: 89.689 ng
RT: 9.957 min Scan# 1338
Delta R.T. 0.000 min
Lab File: BF136440.D
Acq: 06 Dec 2023 21:26

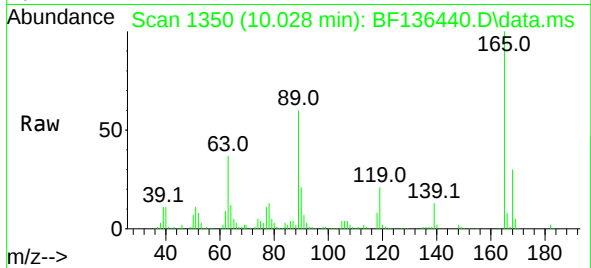
Tgt Ion:139 Resp: 149826
Ion Ratio Lower Upper
139 100
109 69.0 50.6 90.6
65 87.0 73.1 113.1





#57
2,4-Dinitrotoluene
Concen: 33.995 ng
RT: 10.028 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF136440.D
Acq: 06 Dec 2023 21:26

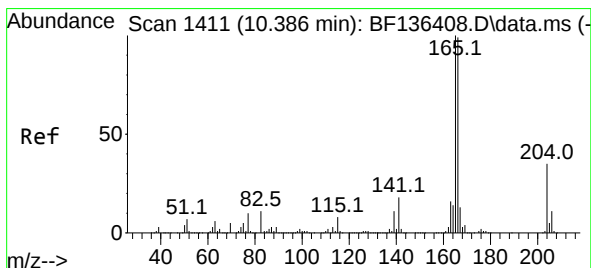
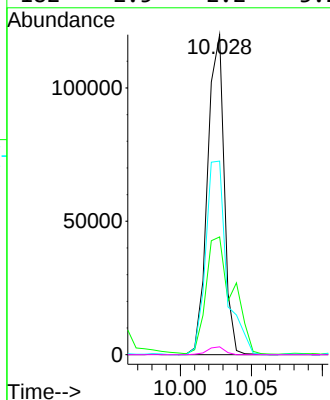
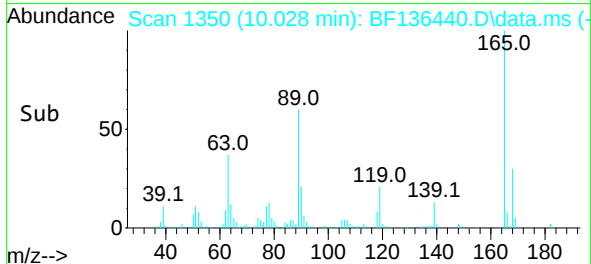
Instrument :
BNA_F
ClientSampleId :
SPRING-VALLEY-TP-3MSD



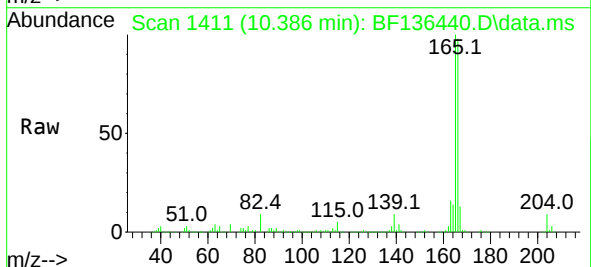
Tgt Ion:165 Resp: 9813
Ion Ratio Lower Upper
165 100
63 36.8 31.4 47.2
89 60.5 51.7 77.5
182 2.5 2.2 3.2

Manual Integrations
APPROVED

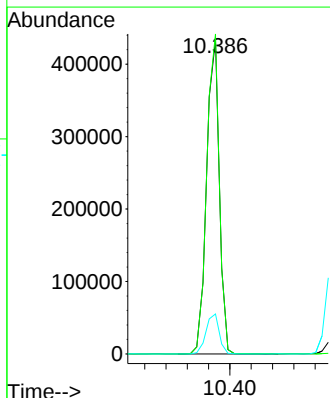
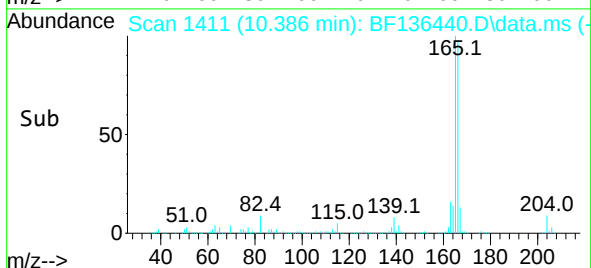
Reviewed By :Yogesh Patel 12/07/2023
Supervised By :mohammad ahmed 12/07/2023

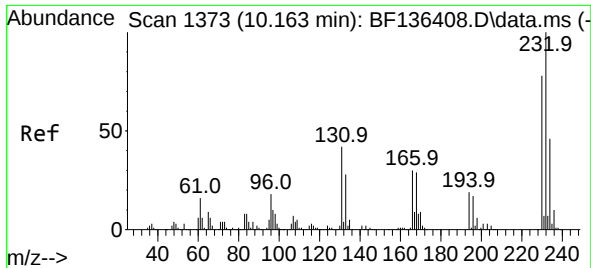


#58
Fluorene
Concen: 38.655 ng
RT: 10.386 min Scan# 1411
Delta R.T. 0.000 min
Lab File: BF136440.D
Acq: 06 Dec 2023 21:26



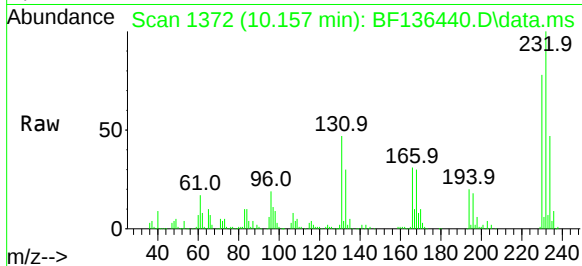
Tgt Ion:166 Resp: 361051
Ion Ratio Lower Upper
166 100
165 101.9 80.5 120.7
167 12.8 10.5 15.7





#59
2,3,4,6-Tetrachlorophenol
Concen: 42.115 ng
RT: 10.157 min Scan# 1372
Delta R.T. -0.006 min
Lab File: BF136440.D
Acq: 06 Dec 2023 21:26

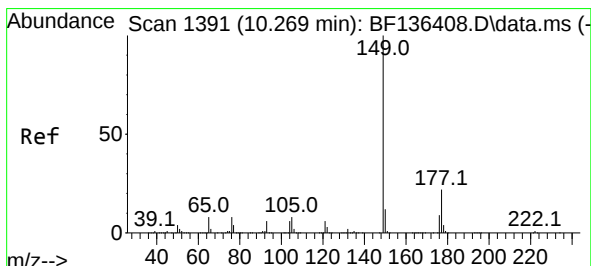
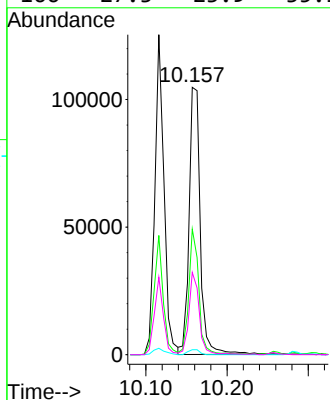
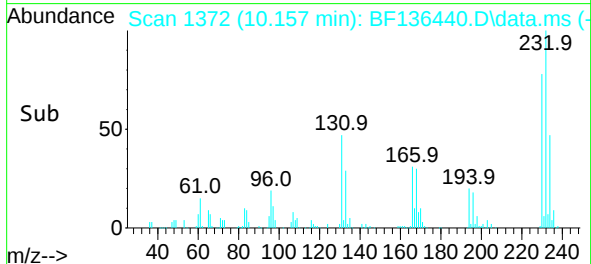
Instrument :
BNA_F
ClientSampleId :
SPRING-VALLEY-TP-3MSD



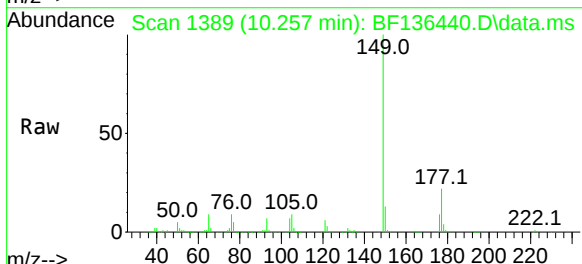
Tgt Ion:232 Resp: 100481
Ion Ratio Lower Upper
232 100
131 41.9 34.3 51.5
130 1.9 1.6 2.4
166 27.3 23.9 35.9

Manual Integrations
APPROVED

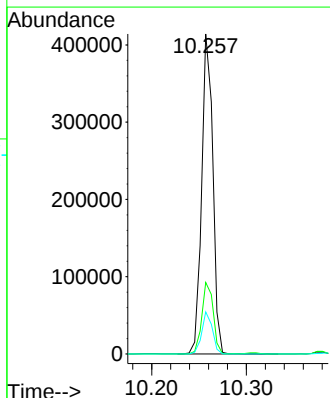
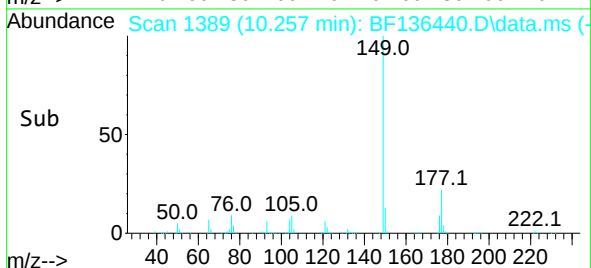
Reviewed By :Yogesh Patel 12/07/2023
Supervised By :mohammad ahmed 12/07/2023

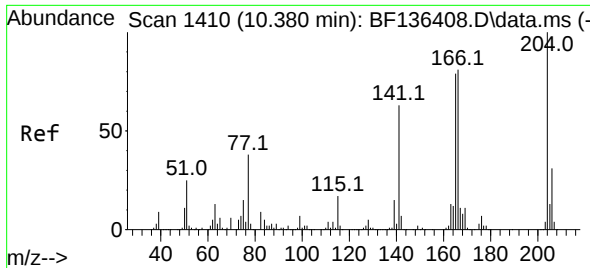


#60
Diethylphthalate
Concen: 35.369 ng
RT: 10.257 min Scan# 1389
Delta R.T. -0.012 min
Lab File: BF136440.D
Acq: 06 Dec 2023 21:26



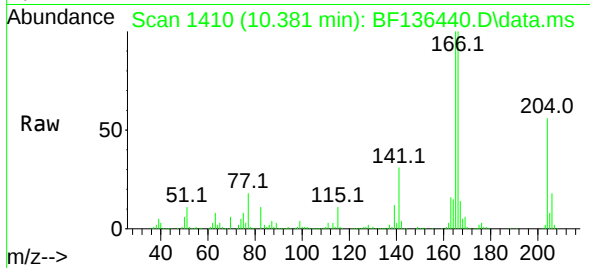
Tgt Ion:149 Resp: 337358
Ion Ratio Lower Upper
149 100
177 22.3 17.8 26.8
150 13.1 9.4 14.0





#61
4-Chlorophenyl-phenylether
Concen: 37.113 ng
RT: 10.381 min Scan# 1410
Delta R.T. 0.000 min
Lab File: BF136440.D
Acq: 06 Dec 2023 21:26

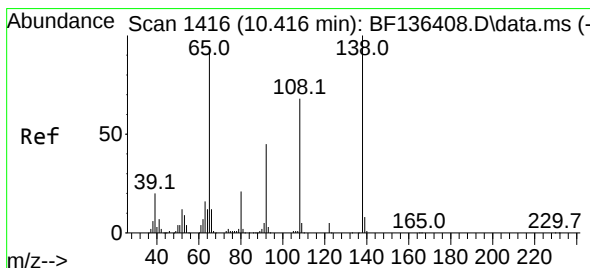
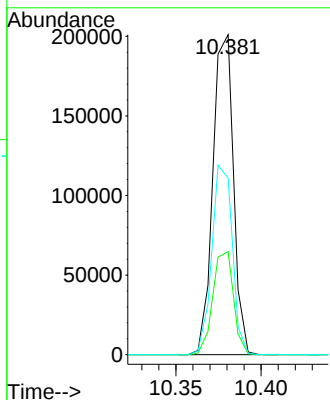
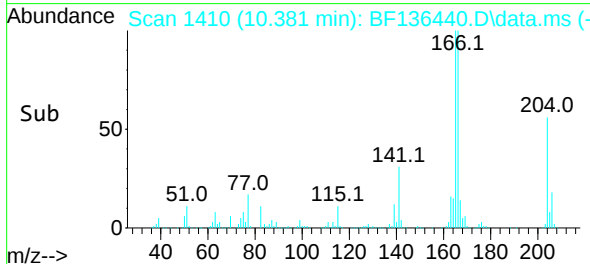
Instrument :
BNA_F
ClientSampleId :
SPRING-VALLEY-TP-3MSD



Tgt Ion:204 Resp: 16899
Ion Ratio Lower Upper
204 100
206 32.2 24.6 36.8
141 55.2 50.3 75.5

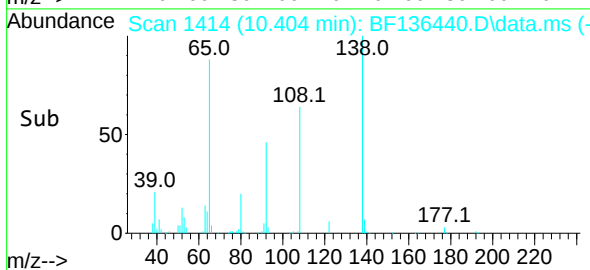
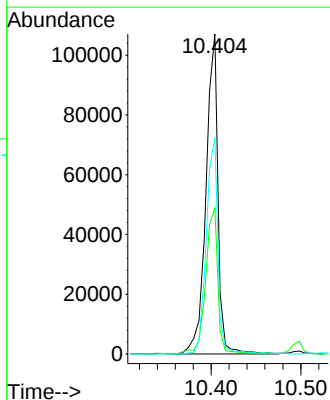
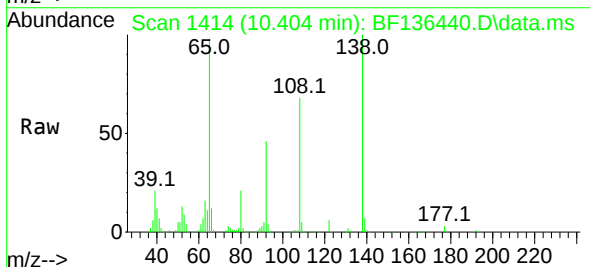
Manual Integrations
APPROVED

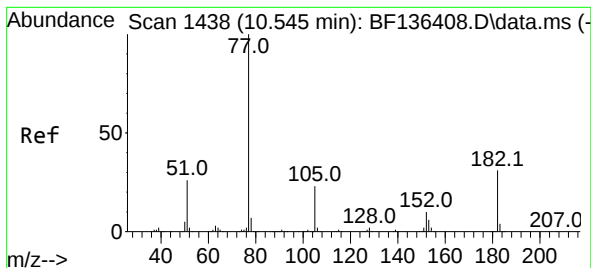
Reviewed By :Yogesh Patel 12/07/2023
Supervised By :mohammad ahmed 12/07/2023



#62
4-Nitroaniline
Concen: 45.209 ng
RT: 10.404 min Scan# 1414
Delta R.T. -0.012 min
Lab File: BF136440.D
Acq: 06 Dec 2023 21:26

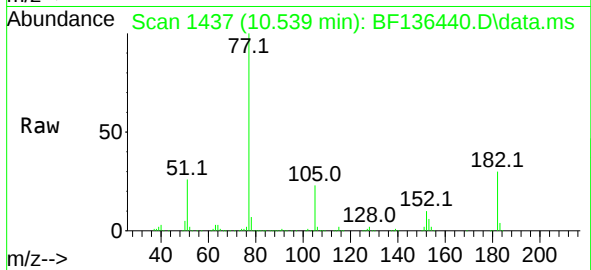
Tgt Ion:138 Resp: 100033
Ion Ratio Lower Upper
138 100
92 45.6 25.0 65.0
108 67.6 47.9 87.9





#63
Azobenzene
Concen: 37.204 ng
RT: 10.539 min Scan# 1437
Delta R.T. -0.006 min
Lab File: BF136440.D
Acq: 06 Dec 2023 21:26

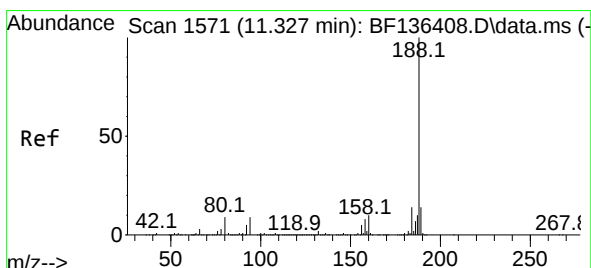
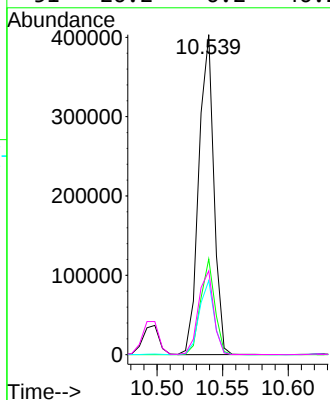
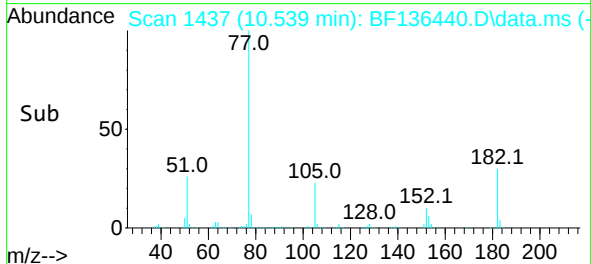
Instrument :
BNA_F
ClientSampleId :
SPRING-VALLEY-TP-3MSD



Tgt Ion: 77 Resp: 322990
Ion Ratio Lower Upper
77 100
182 29.9 10.8 50.8
105 23.2 2.6 42.6
51 26.2 6.2 46.2

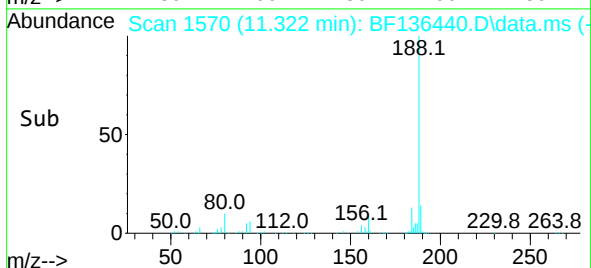
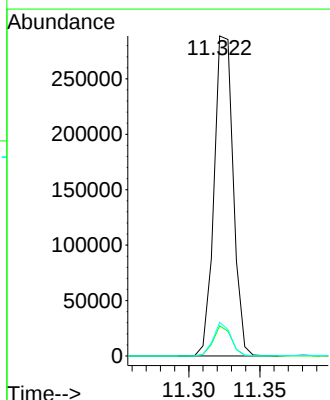
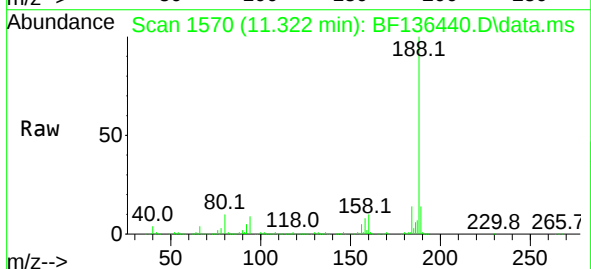
Manual Integrations
APPROVED

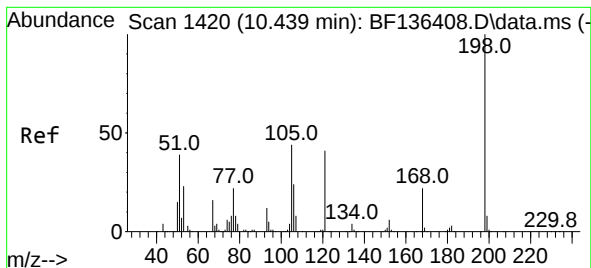
Reviewed By :Yogesh Patel 12/07/2023
Supervised By :mohammad ahmed 12/07/2023



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.322 min Scan# 1570
Delta R.T. -0.006 min
Lab File: BF136440.D
Acq: 06 Dec 2023 21:26

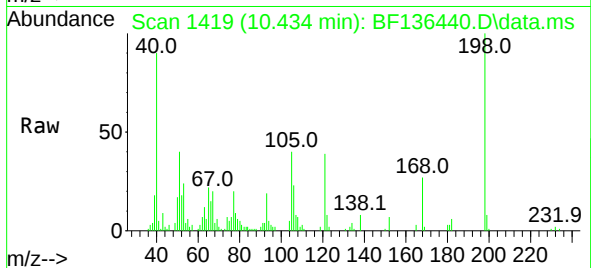
Tgt Ion:188 Resp: 270643
Ion Ratio Lower Upper
188 100
94 9.4 7.2 10.8
80 10.5 7.2 10.8





#65
4,6-Dinitro-2-methylphenol
Concen: 6.009 ng
RT: 10.434 min Scan# 1419
Delta R.T. -0.006 min
Lab File: BF136440.D
Acq: 06 Dec 2023 21:26

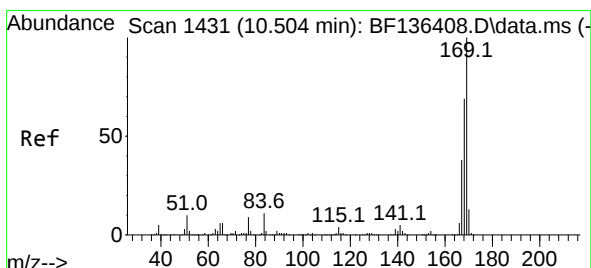
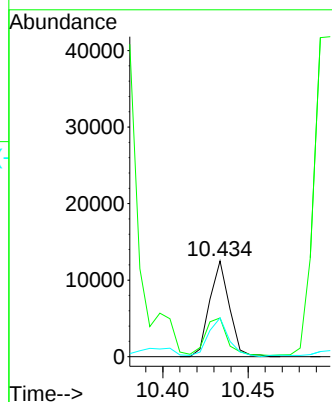
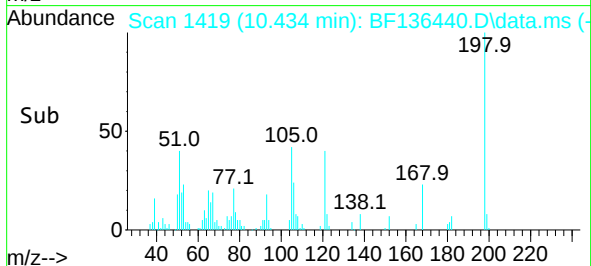
Instrument :
BNA_F
ClientSampleId :
SPRING-VALLEY-TP-3MSD



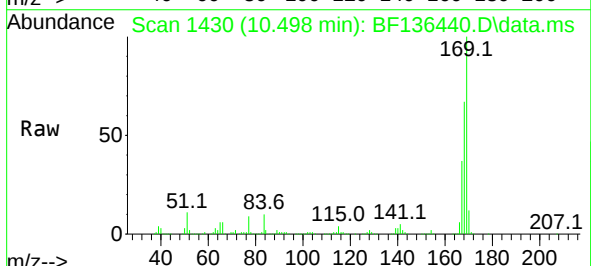
Tgt Ion:198 Resp: 10072
Ion Ratio Lower Upper
198 100
51 40.5 24.1 64.1
105 40.4 24.8 64.8

Manual Integrations
APPROVED

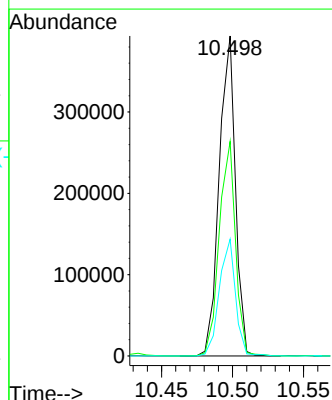
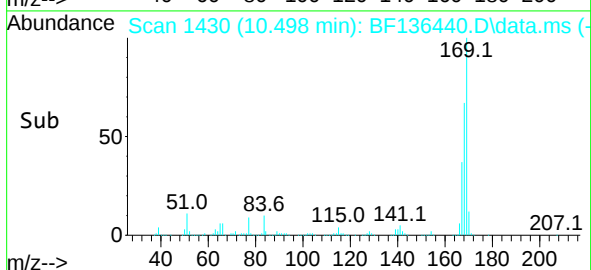
Reviewed By :Yogesh Patel 12/07/2023
Supervised By :mohammad ahmed 12/07/2023

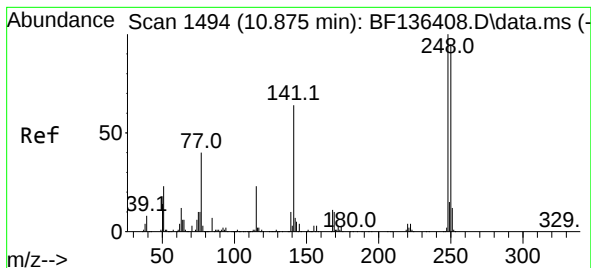


#66
n-Nitrosodiphenylamine
Concen: 35.842 ng
RT: 10.498 min Scan# 1430
Delta R.T. -0.006 min
Lab File: BF136440.D
Acq: 06 Dec 2023 21:26



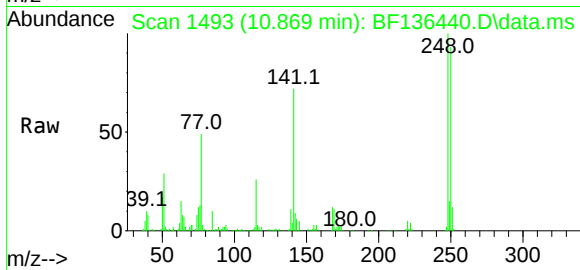
Tgt Ion:169 Resp: 311268
Ion Ratio Lower Upper
169 100
168 67.1 55.3 82.9
167 36.5 30.1 45.1





#67
4-Bromophenyl-phenylether
Concen: 34.390 ng
RT: 10.869 min Scan# 1493
Delta R.T. -0.006 min
Lab File: BF136440.D
Acq: 06 Dec 2023 21:26

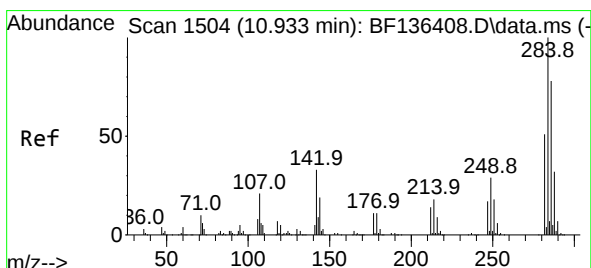
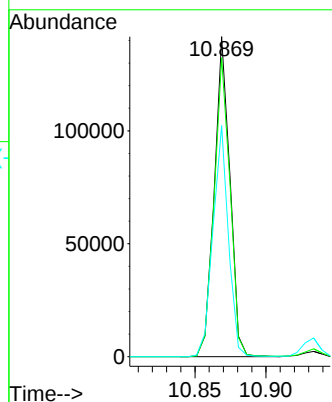
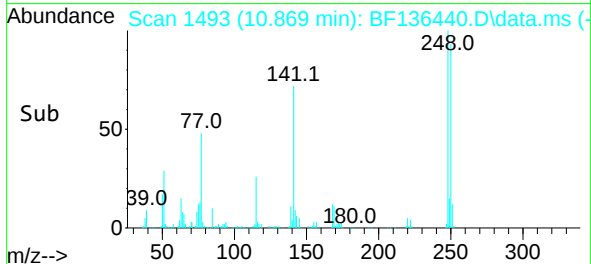
Instrument :
BNA_F
ClientSampleId :
SPRING-VALLEY-TP-3MSD



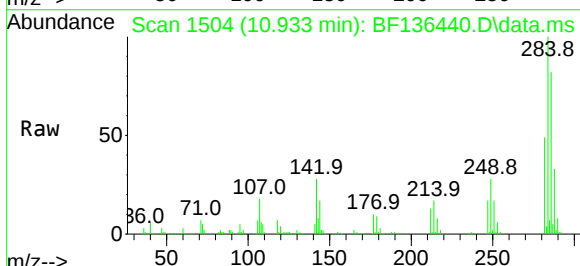
Tgt Ion:248 Resp: 10821
Ion Ratio Lower Upper
248 100
250 93.5 76.2 114.2
141 72.2 51.0 76.4

Manual Integrations
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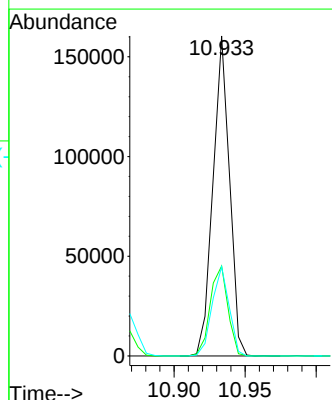
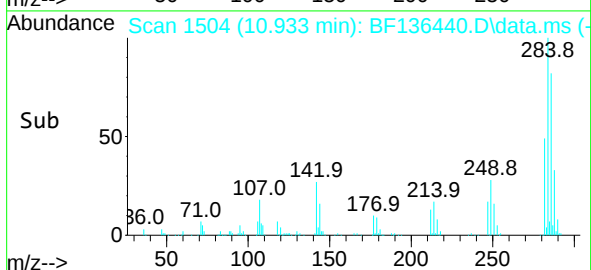
Reviewed By :Yogesh Patel 12/07/2023
Supervised By :mohammad ahmed 12/07/2023

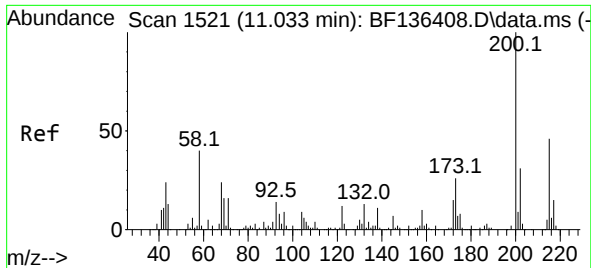


#68
Hexachlorobenzene
Concen: 35.622 ng
RT: 10.933 min Scan# 1504
Delta R.T. 0.000 min
Lab File: BF136440.D
Acq: 06 Dec 2023 21:26



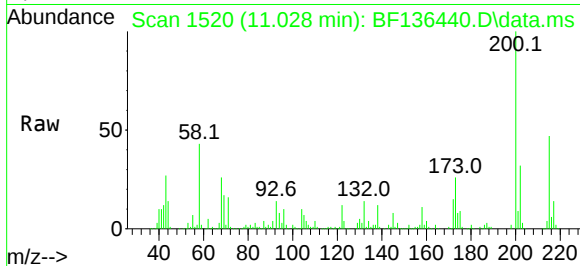
Tgt Ion:284 Resp: 129550
Ion Ratio Lower Upper
284 100
142 28.1 26.5 39.7
249 27.9 23.4 35.0





#69
Atrazine
Concen: 41.620 ng
RT: 11.028 min Scan# 11028
Delta R.T. -0.006 min
Lab File: BF136440.D
Acq: 06 Dec 2023 21:26

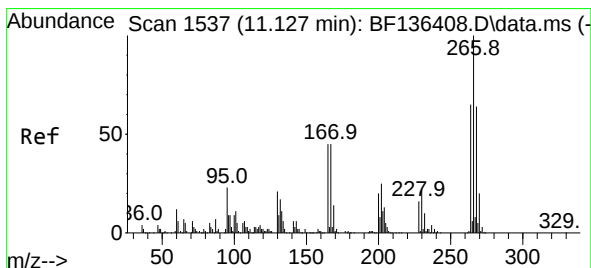
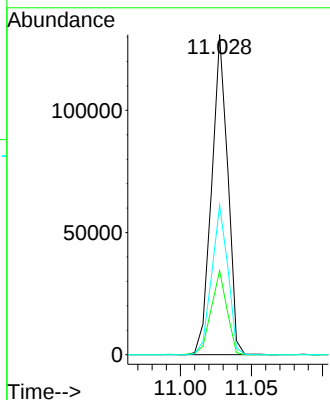
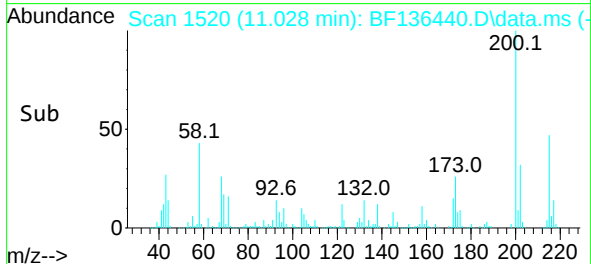
Instrument :
BNA_F
ClientSampleId :
SPRING-VALLEY-TP-3MSD



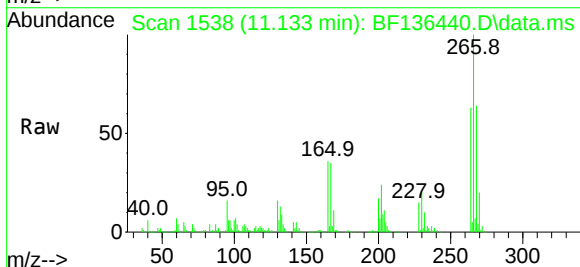
Tgt Ion:200 Resp: 103162
Ion Ratio Lower Upper
200 100
173 26.2 6.0 46.0
215 46.8 25.5 65.5

Manual Integrations
APPROVED

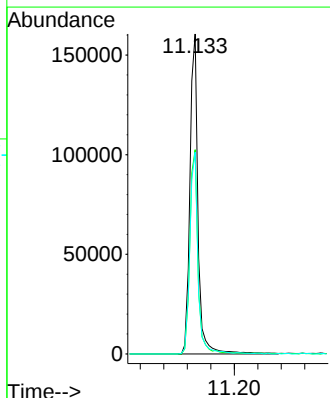
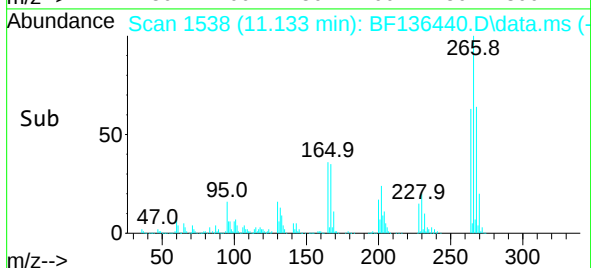
Reviewed By :Yogesh Patel 12/07/2023
Supervised By :mohammad ahmed 12/07/2023

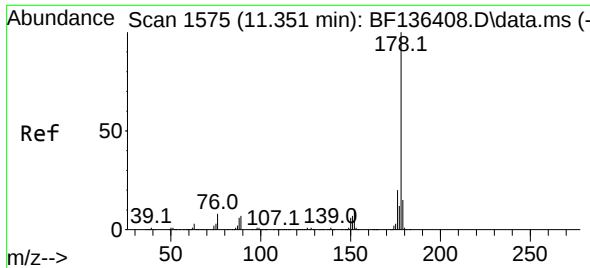


#70
Pentachlorophenol
Concen: 74.852 ng
RT: 11.133 min Scan# 1538
Delta R.T. 0.006 min
Lab File: BF136440.D
Acq: 06 Dec 2023 21:26



Tgt Ion:266 Resp: 153639
Ion Ratio Lower Upper
266 100
268 63.8 51.0 76.6
264 63.1 52.2 78.4





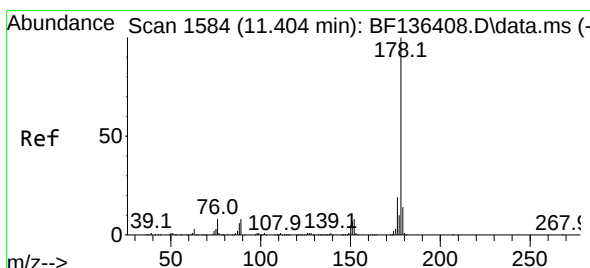
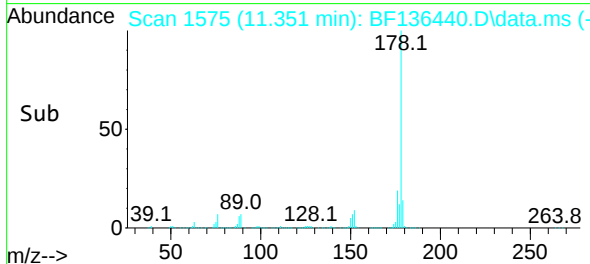
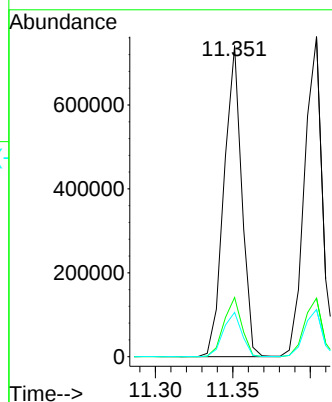
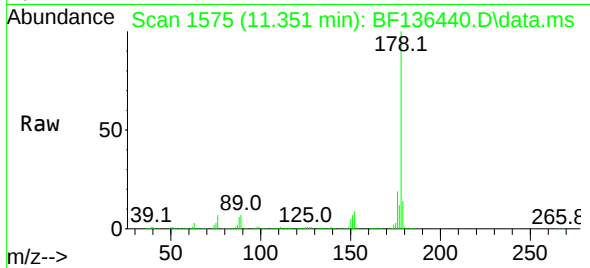
#71
Phenanthrene
Concen: 39.678 ng
RT: 11.351 min Scan# 1575
Delta R.T. 0.000 min
Lab File: BF136440.D
Acq: 06 Dec 2023 21:26

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

Tgt Ion:178 Resp: 590234
Ion Ratio Lower Upper
178 100
176 19.0 15.9 23.9
179 14.3 11.8 17.6

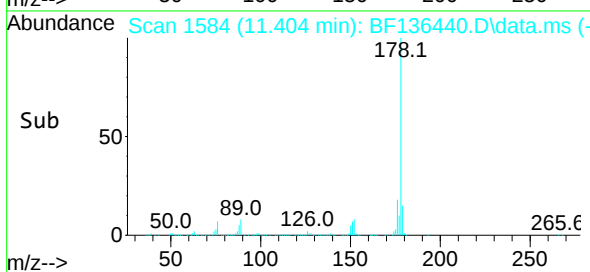
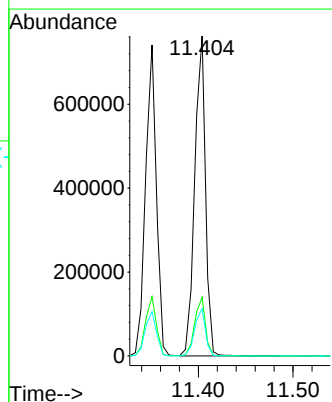
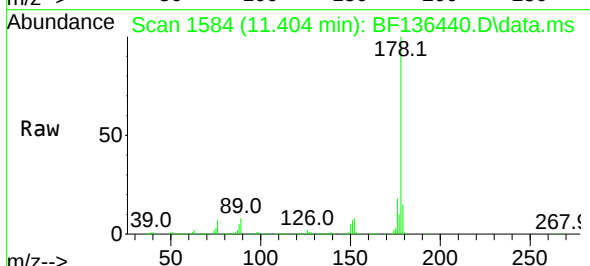
Manual Integrations
APPROVED

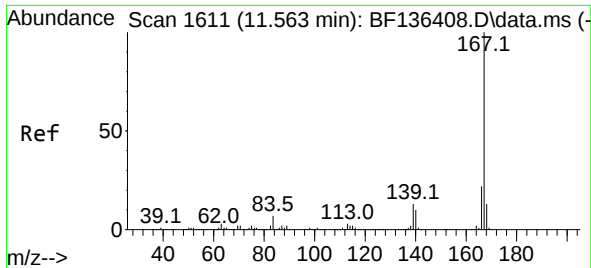
Reviewed By :Yogesh Patel 12/07/2023
Supervised By :mohammad ahmed 12/07/2023



#72
Anthracene
Concen: 40.362 ng
RT: 11.404 min Scan# 1584
Delta R.T. 0.000 min
Lab File: BF136440.D
Acq: 06 Dec 2023 21:26

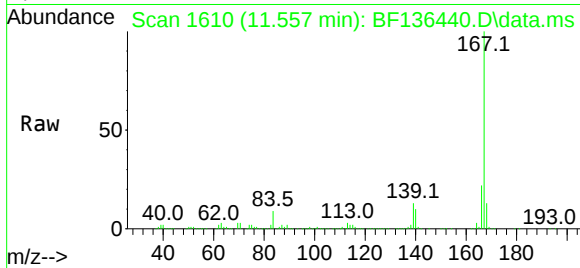
Tgt Ion:178 Resp: 604750
Ion Ratio Lower Upper
178 100
176 18.3 15.3 22.9
179 14.7 11.4 17.0





#73
 Carbazole
 Concen: 40.931 ng
 RT: 11.557 min Scan# 1610
 Delta R.T. -0.006 min
 Lab File: BF136440.D
 Acq: 06 Dec 2023 21:26

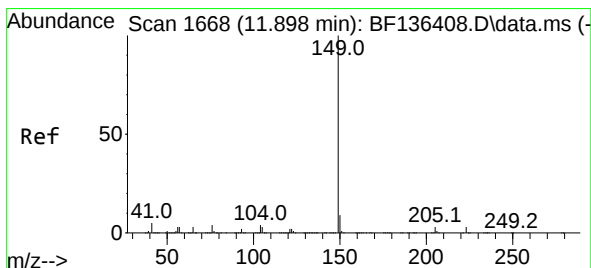
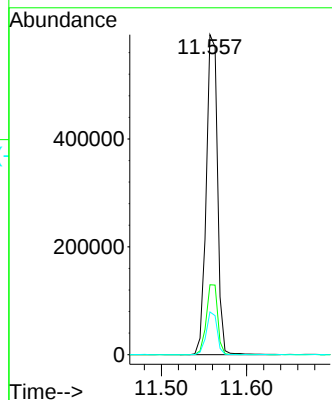
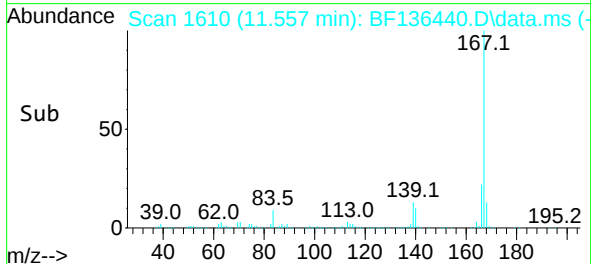
Instrument :
 BNA_F
 ClientSampleId :
 SPRING-VALLEY-TP-3MSD



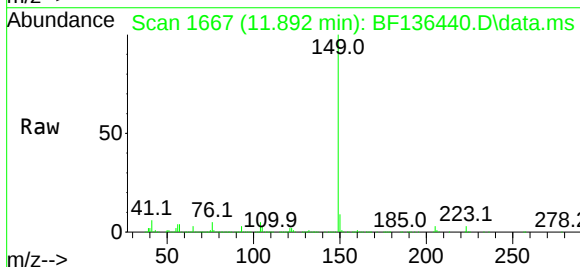
Tgt Ion:167 Resp: 542789
 Ion Ratio Lower Upper
 167 100
 166 21.8 18.0 27.0
 139 13.3 10.2 15.4

Manual Integrations
 APPROVED

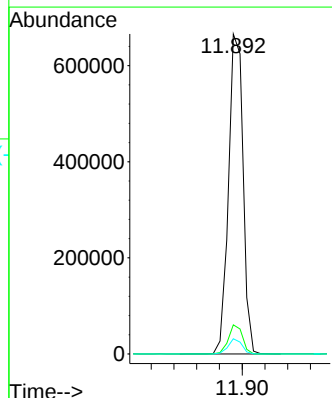
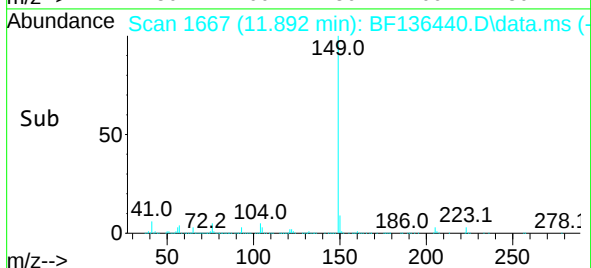
Reviewed By :Yogesh Patel 12/07/2023
 Supervised By :mohammad ahmed 12/07/2023

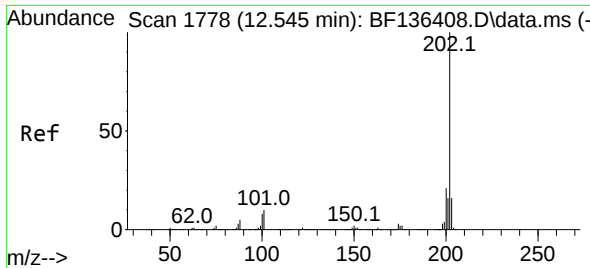


#74
 Di-n-butylphthalate
 Concen: 36.528 ng
 RT: 11.892 min Scan# 1667
 Delta R.T. -0.006 min
 Lab File: BF136440.D
 Acq: 06 Dec 2023 21:26



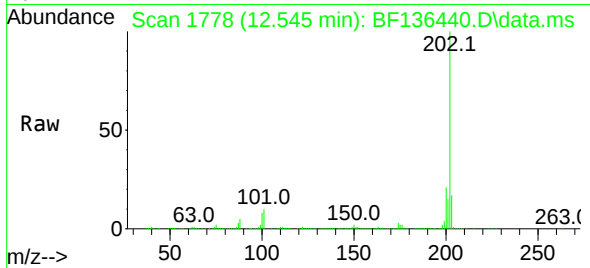
Tgt Ion:149 Resp: 593829
 Ion Ratio Lower Upper
 149 100
 150 9.1 6.9 10.3
 104 4.7 3.5 5.3





#75
Fluoranthene
Concen: 40.007 ng
RT: 12.545 min Scan# 11
Delta R.T. 0.000 min
Lab File: BF136440.D
Acq: 06 Dec 2023 21:26

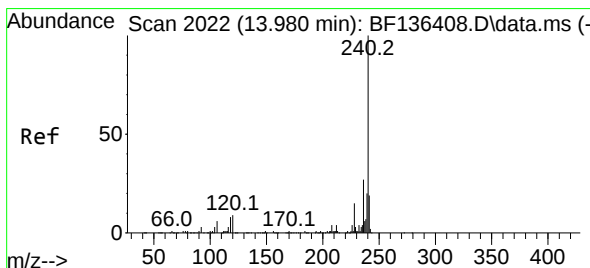
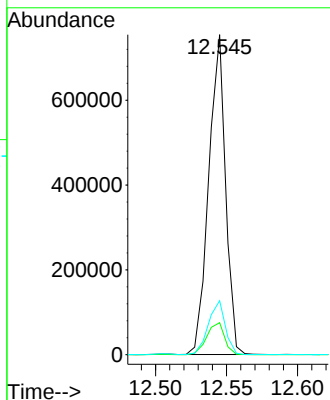
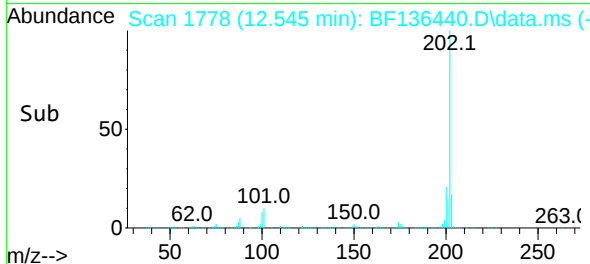
Instrument :
BNA_F
ClientSampleId :
SPRING-VALLEY-TP-3MSD



Tgt Ion:202 Resp: 62367
Ion Ratio Lower Upper
202 100
101 10.0 0.0 29.9
203 16.8 0.0 36.3

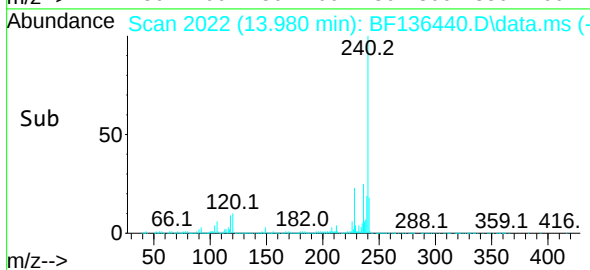
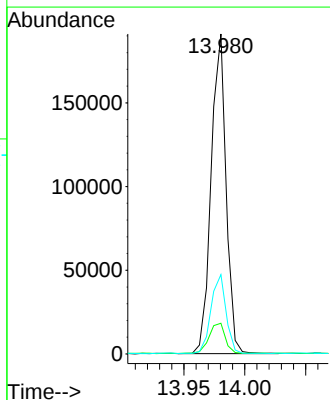
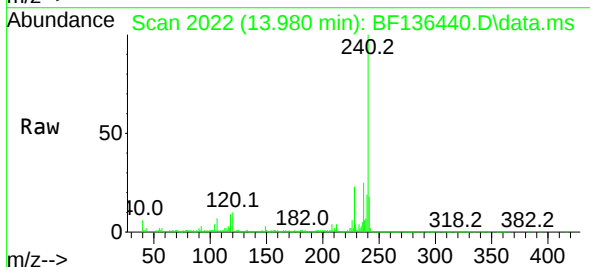
Manual Integrations
APPROVED

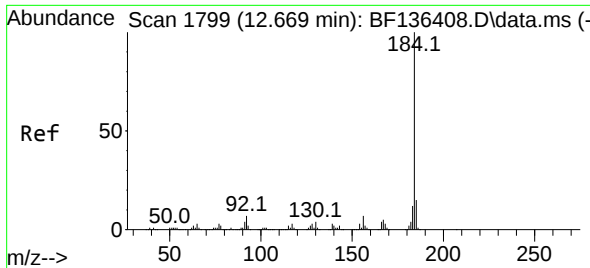
Reviewed By :Yogesh Patel 12/07/2023
Supervised By :mohammad ahmed 12/07/2023



#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.980 min Scan# 2022
Delta R.T. 0.000 min
Lab File: BF136440.D
Acq: 06 Dec 2023 21:26

Tgt Ion:240 Resp: 163156
Ion Ratio Lower Upper
240 100
120 9.6 7.3 10.9
236 24.8 21.3 31.9





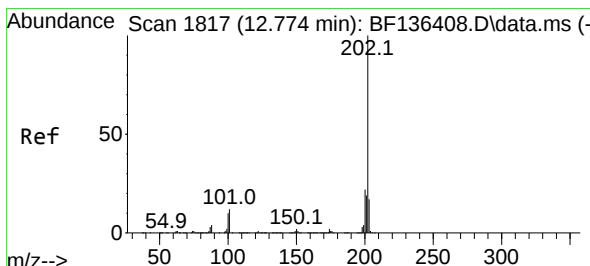
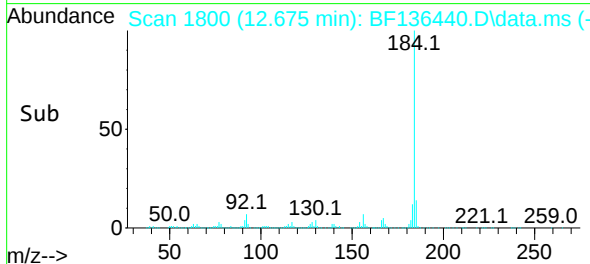
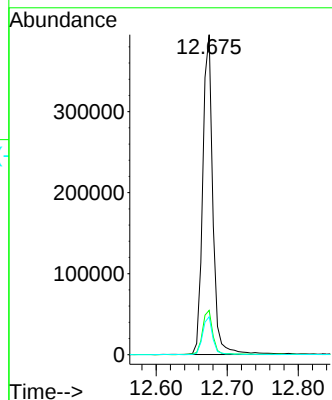
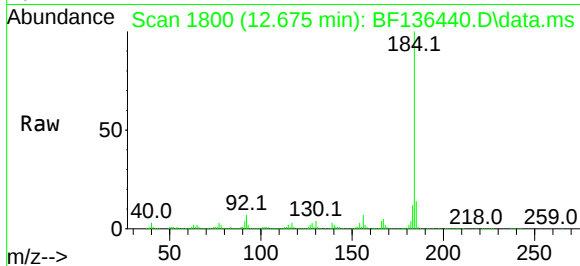
#77
Benzidine
Concen: 69.660 ng
RT: 12.675 min Scan# 1800
Delta R.T. 0.006 min
Lab File: BF136440.D
Acq: 06 Dec 2023 21:26

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

Tgt Ion:184 Resp: 392585
Ion Ratio Lower Upper
184 100
185 13.9 12.0 18.0
183 11.8 9.4 14.0

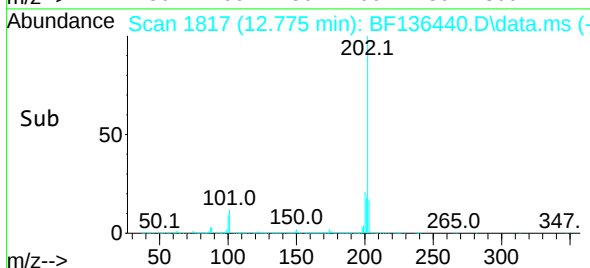
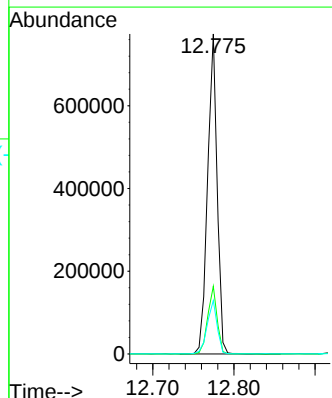
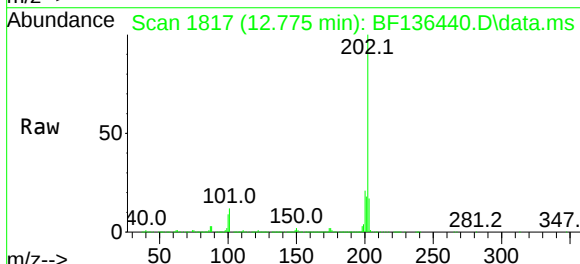
Manual Integrations
APPROVED

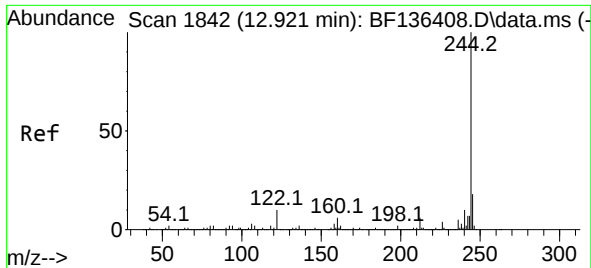
Reviewed By :Yogesh Patel 12/07/2023
Supervised By :mohammad ahmed 12/07/2023



#78
Pyrene
Concen: 39.294 ng
RT: 12.775 min Scan# 1817
Delta R.T. 0.000 min
Lab File: BF136440.D
Acq: 06 Dec 2023 21:26

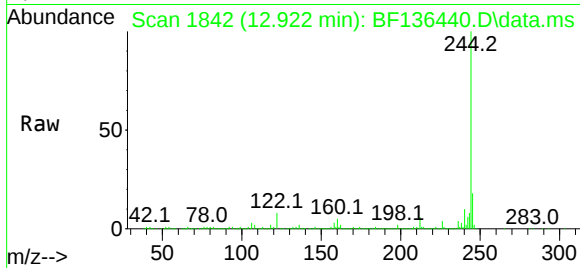
Tgt Ion:202 Resp: 627881
Ion Ratio Lower Upper
202 100
200 21.1 18.0 27.0
203 16.7 13.5 20.3





#79
 Terphenyl-d14
 Concen: 55.760 ng
 RT: 12.922 min Scan# 1842
 Delta R.T. 0.000 min
 Lab File: BF136440.D
 Acq: 06 Dec 2023 21:26

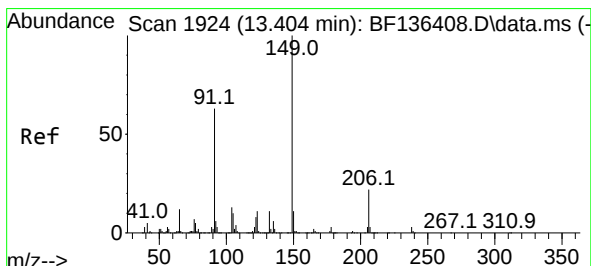
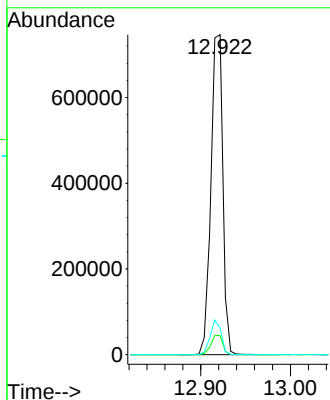
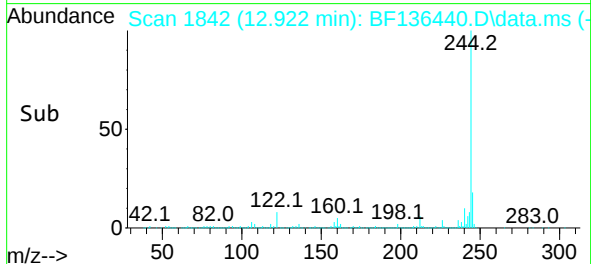
Instrument :
 BNA_F
 ClientSampleId :
 SPRING-VALLEY-TP-3MSD



Tgt Ion:244 Resp: 690235
 Ion Ratio Lower Upper
 244 100
 212 6.0 5.0 7.4
 122 8.2 8.3 12.5

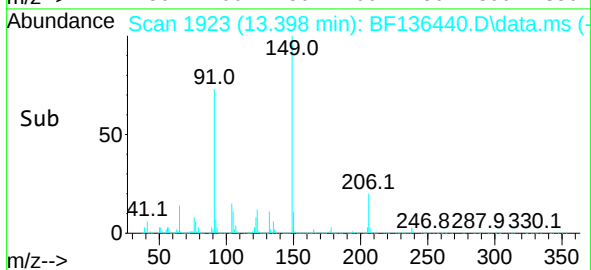
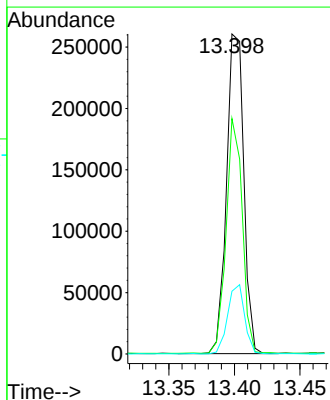
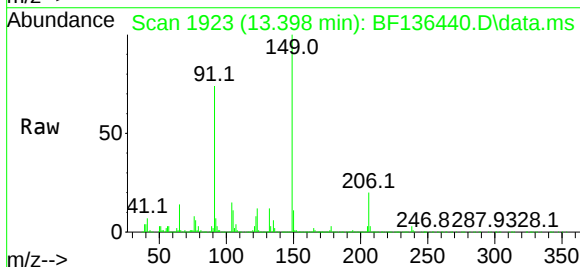
Manual Integrations
 APPROVED

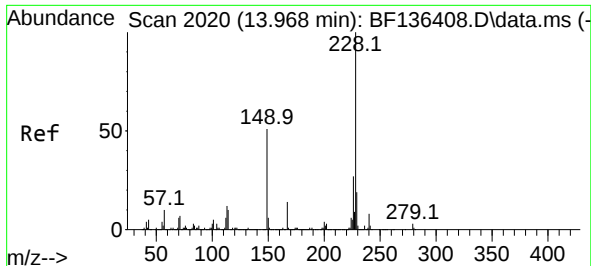
Reviewed By :Yogesh Patel 12/07/2023
 Supervised By :mohammad ahmed 12/07/2023



#80
 Butylbenzylphthalate
 Concen: 41.913 ng
 RT: 13.398 min Scan# 1923
 Delta R.T. -0.006 min
 Lab File: BF136440.D
 Acq: 06 Dec 2023 21:26

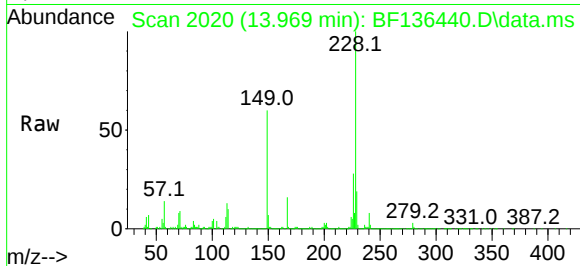
Tgt Ion:149 Resp: 238409
 Ion Ratio Lower Upper
 149 100
 91 73.6 50.5 75.7
 206 19.6 17.4 26.2





#81
Benzo(a)anthracene
Concen: 38.756 ng
RT: 13.969 min Scan# 20
Delta R.T. 0.000 min
Lab File: BF136440.D
Acq: 06 Dec 2023 21:26

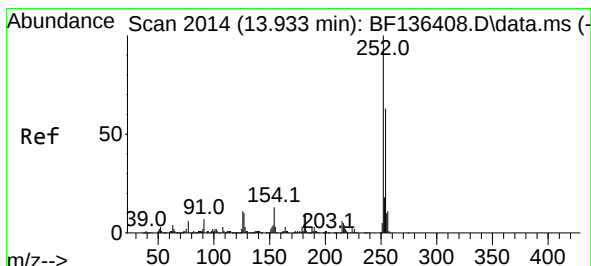
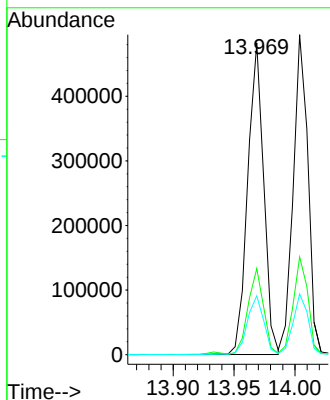
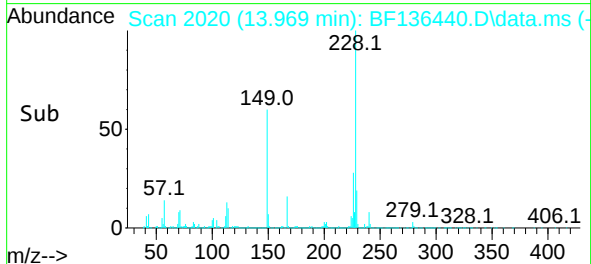
Instrument :
BNA_F
ClientSampleId :
SPRING-VALLEY-TP-3MSD



Tgt Ion:228 Resp: 44045
Ion Ratio Lower Upper
228 100
226 27.6 21.8 32.8
229 18.9 15.0 22.4

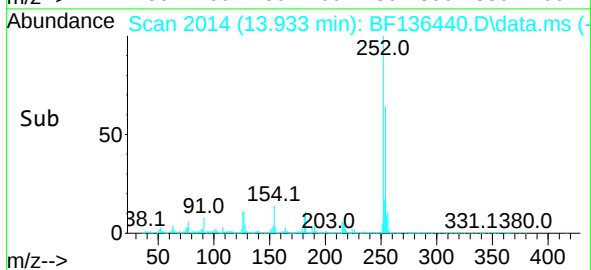
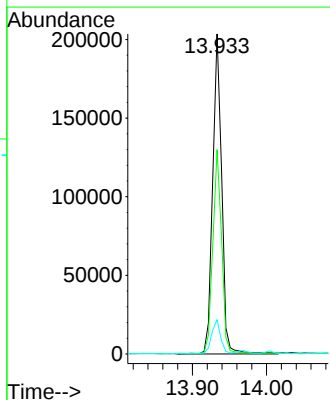
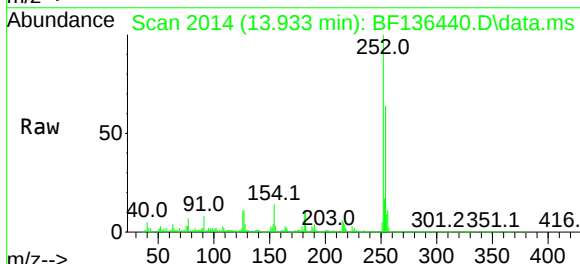
Manual Integrations
APPROVED

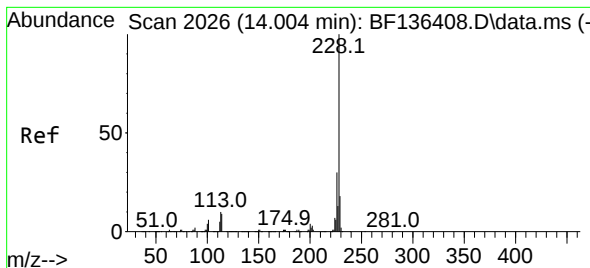
Reviewed By :Yogesh Patel 12/07/2023
Supervised By :mohammad ahmed 12/07/2023



#82
3,3'-Dichlorobenzidine
Concen: 53.982 ng
RT: 13.933 min Scan# 2014
Delta R.T. 0.000 min
Lab File: BF136440.D
Acq: 06 Dec 2023 21:26

Tgt Ion:252 Resp: 172013
Ion Ratio Lower Upper
252 100
254 63.9 50.8 76.2
126 10.7 8.6 12.8





#83

Chrysene

Concen: 37.152 ng

RT: 14.004 min Scan# 2026

Delta R.T. 0.000 min

Lab File: BF136440.D

Acq: 06 Dec 2023 21:26

Instrument :

BNA_F

ClientSampleId :

SPRING-VALLEY-TP-3MSD

Tgt Ion:228 Resp: 415410

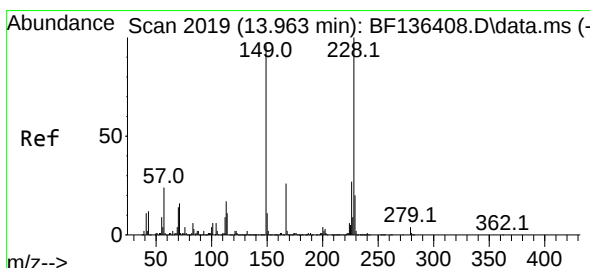
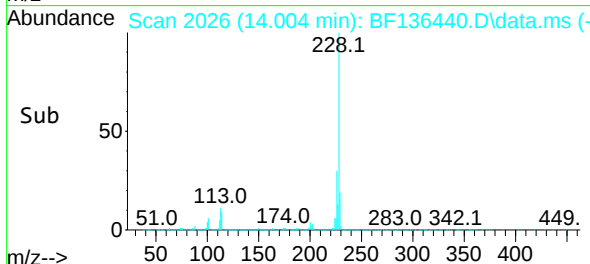
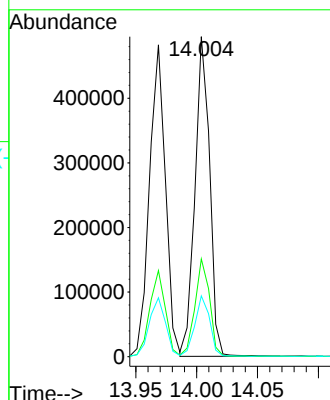
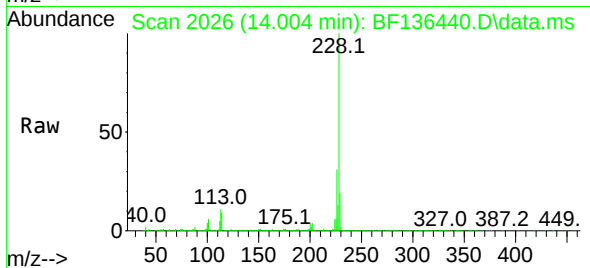
Ion	Ratio	Lower	Upper
228	100		
226	30.5	23.8	35.6
229	19.0	14.8	22.2

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 12/07/2023

Supervised By :mohammad ahmed 12/07/2023



#84

Bis(2-ethylhexyl)phthalate

Concen: 43.282 ng

RT: 13.963 min Scan# 2019

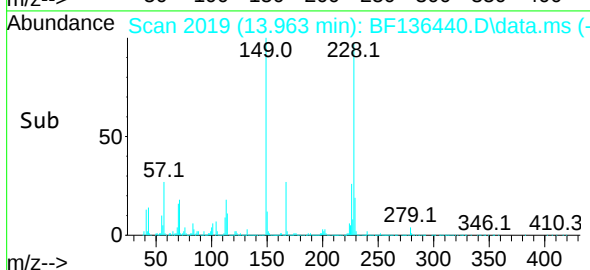
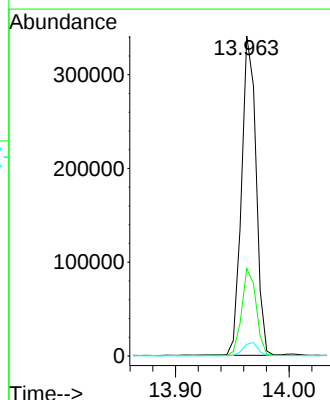
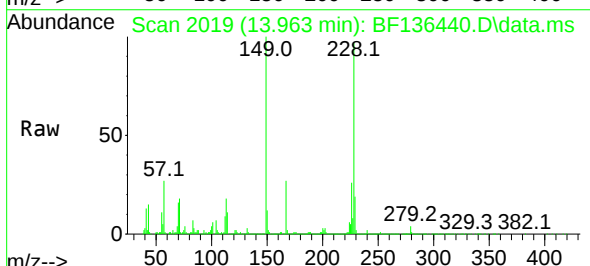
Delta R.T. 0.000 min

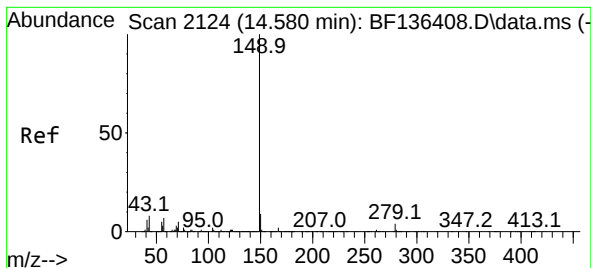
Lab File: BF136440.D

Acq: 06 Dec 2023 21:26

Tgt Ion:149 Resp: 301816

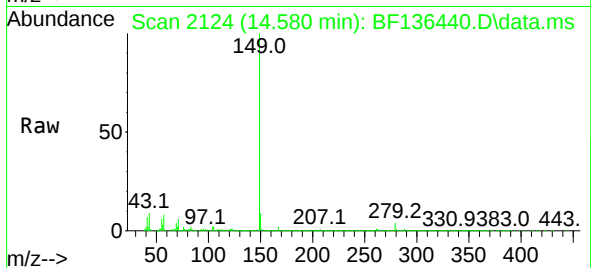
Ion	Ratio	Lower	Upper
149	100		
167	27.4	21.2	31.8
279	3.7	3.1	4.7





#85
Di-n-octyl phthalate
Concen: 43.713 ng
RT: 14.580 min Scan# 2124
Delta R.T. 0.000 min
Lab File: BF136440.D
Acq: 06 Dec 2023 21:26

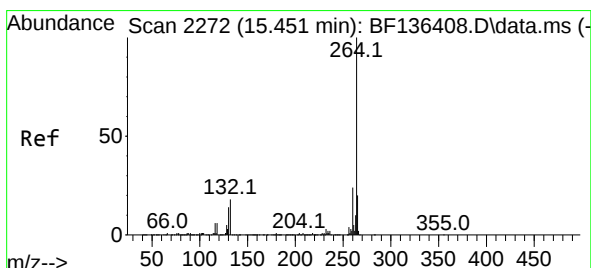
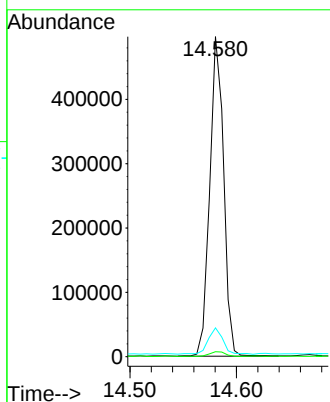
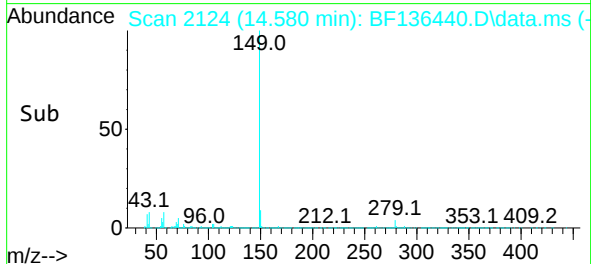
Instrument :
BNA_F
ClientSampleId :
SPRING-VALLEY-TP-3MSD



Tgt Ion:149 Resp: 450249
Ion Ratio Lower Upper
149 100
167 1.7 1.3 1.9
43 8.7 6.8 10.2

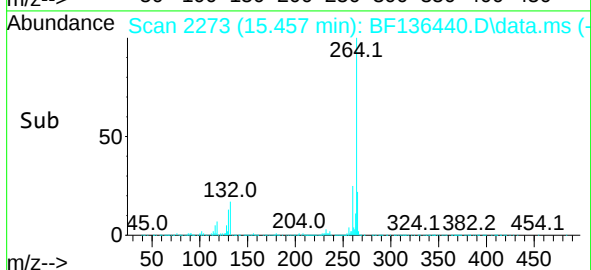
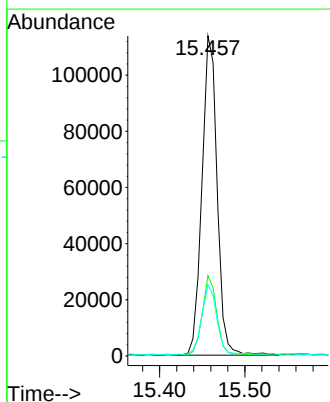
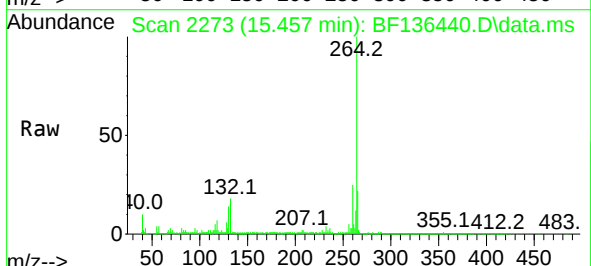
Manual Integrations
APPROVED

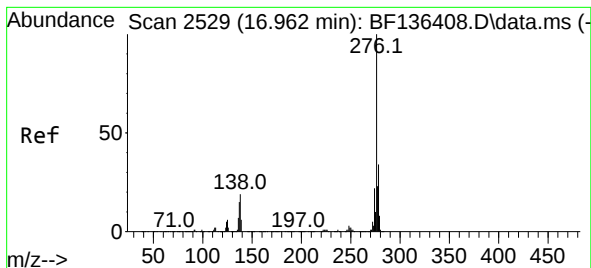
Reviewed By :Yogesh Patel 12/07/2023
Supervised By :mohammad ahmed 12/07/2023



#86
Perylene-d12
Concen: 20.000 ng
RT: 15.457 min Scan# 2273
Delta R.T. 0.006 min
Lab File: BF136440.D
Acq: 06 Dec 2023 21:26

Tgt Ion:264 Resp: 140651
Ion Ratio Lower Upper
264 100
260 25.0 19.2 28.8
265 22.3 15.9 23.9





#87

Indeno(1,2,3-cd)pyrene

Concen: 33.327 ng

RT: 16.968 min Scan# 21

Delta R.T. 0.006 min

Lab File: BF136440.D

Acq: 06 Dec 2023 21:26

Instrument :

BNA_F

ClientSampleId :

SPRING-VALLEY-TP-3MSD

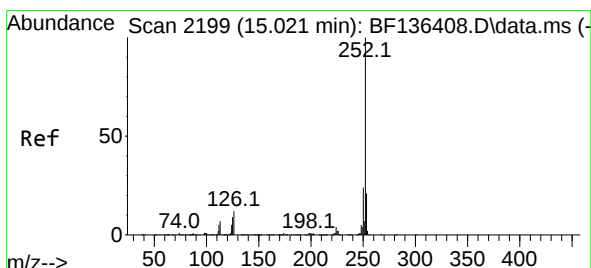
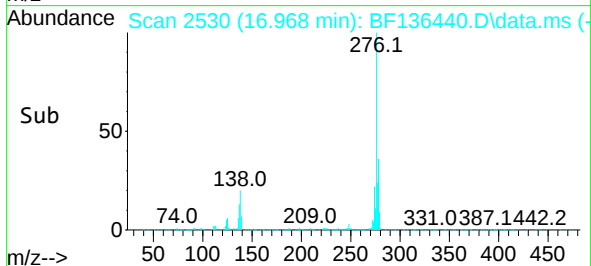
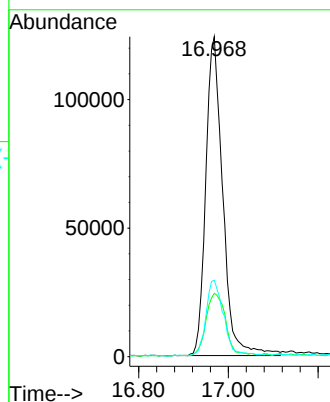
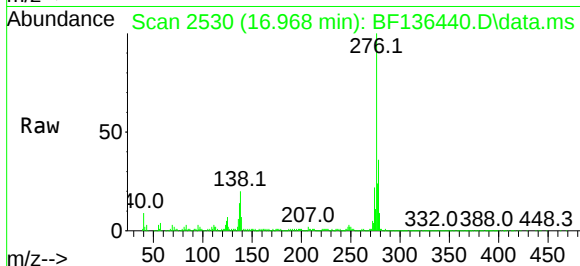
Tgt Ion:	276	Resp:	325654
Ion Ratio	Lower	Upper	
276	100		
138	22.5	19.0	28.4
277	24.6	20.0	30.0

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 12/07/2023

Supervised By :mohammad ahmed 12/07/2023



#88

Benzo(b)fluoranthene

Concen: 36.752 ng

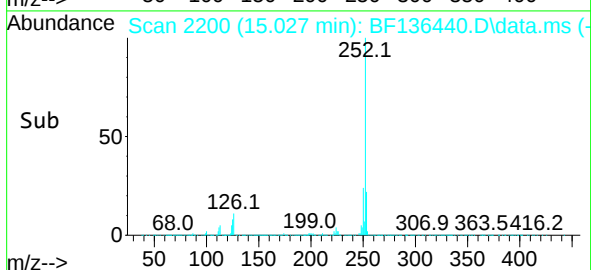
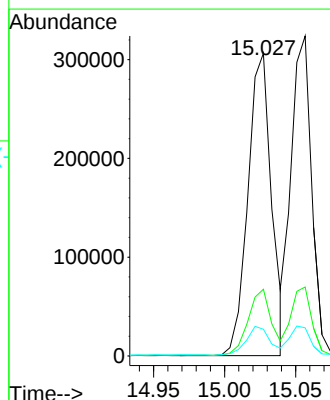
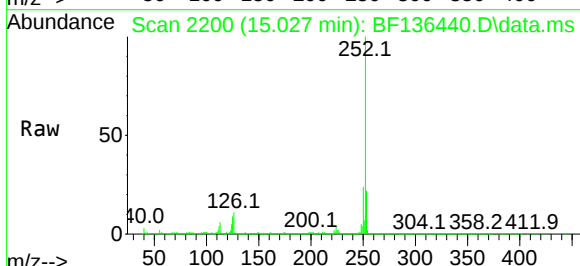
RT: 15.027 min Scan# 2200

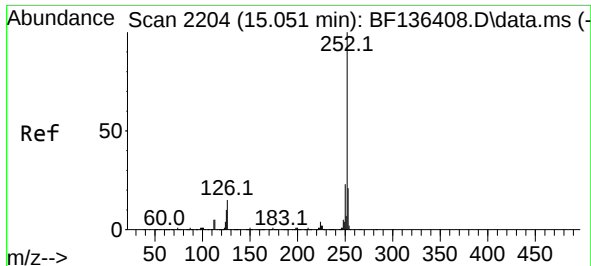
Delta R.T. 0.006 min

Lab File: BF136440.D

Acq: 06 Dec 2023 21:26

Tgt Ion:	252	Resp:	353430
Ion Ratio	Lower	Upper	
252	100		
253	22.0	16.9	25.3
125	8.8	7.4	11.2





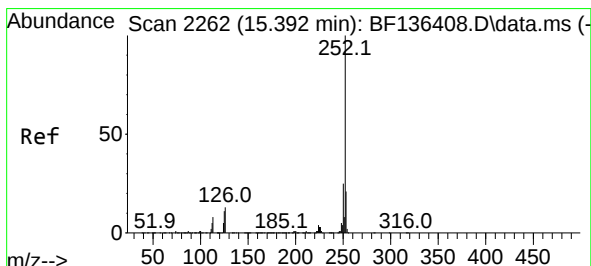
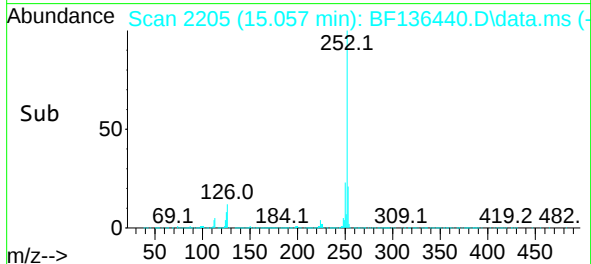
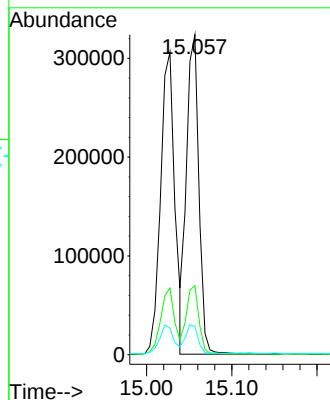
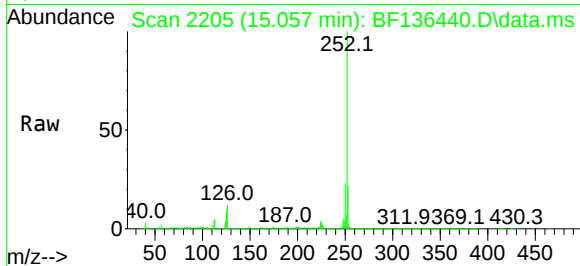
#89
Benzo(k)fluoranthene
Concen: 36.246 ng
RT: 15.057 min Scan# 2204
Delta R.T. 0.006 min
Lab File: BF136440.D
Acq: 06 Dec 2023 21:26

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

Tgt Ion:252 Resp: 328490
Ion Ratio Lower Upper
252 100
253 21.5 16.9 25.3
125 8.8 7.5 11.3

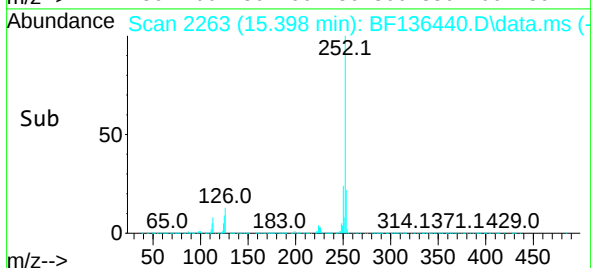
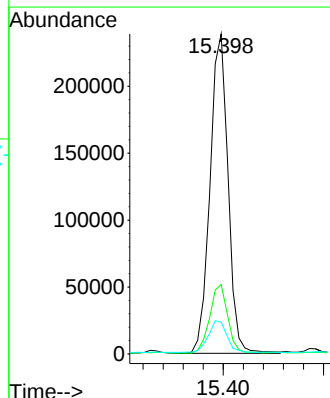
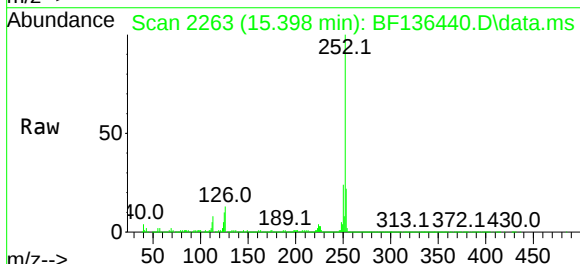
Manual Integrations
APPROVED

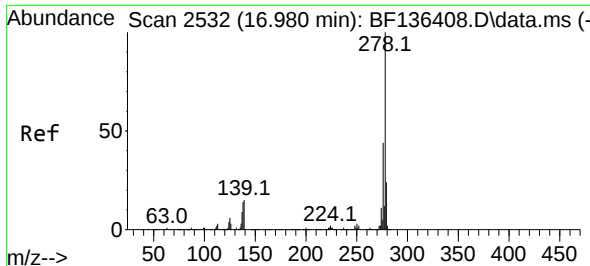
Reviewed By :Yogesh Patel 12/07/2023
Supervised By :mohammad ahmed 12/07/2023



#90
Benzo(a)pyrene
Concen: 37.584 ng
RT: 15.398 min Scan# 2263
Delta R.T. 0.006 min
Lab File: BF136440.D
Acq: 06 Dec 2023 21:26

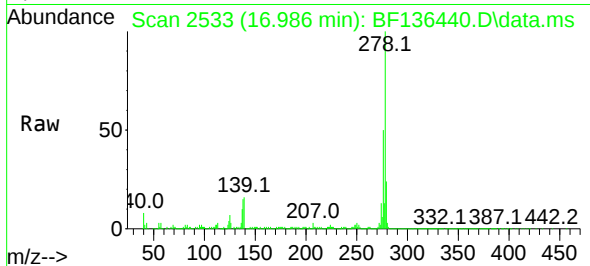
Tgt Ion:252 Resp: 298487
Ion Ratio Lower Upper
252 100
253 21.7 17.0 25.4
125 9.9 8.6 13.0





#91
Dibenzo(a,h)anthracene
Concen: 33.319 ng
RT: 16.986 min Scan# 2533
Delta R.T. 0.006 min
Lab File: BF136440.D
Acq: 06 Dec 2023 21:26

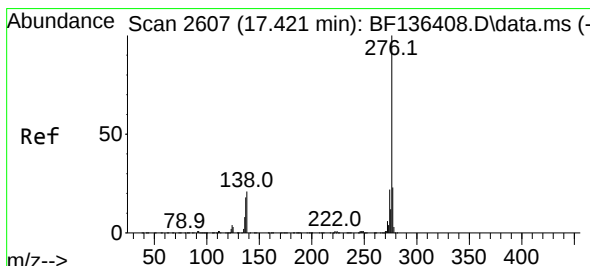
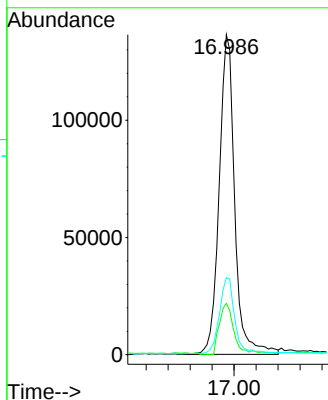
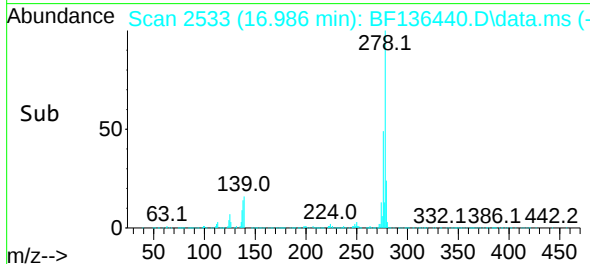
Instrument :
BNA_F
ClientSampleId :
SPRING-VALLEY-TP-3MSD



Tgt Ion: 278 Resp: 266718
Ion Ratio Lower Upper
278 100
139 16.1 12.2 18.4
279 24.0 19.0 28.4

Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 12/07/2023
Supervised By :mohammad ahmed 12/07/2023



#92
Benzo(g,h,i)perylene
Concen: 29.265 ng
RT: 17.421 min Scan# 2607
Delta R.T. 0.000 min
Lab File: BF136440.D
Acq: 06 Dec 2023 21:26

Tgt Ion: 276 Resp: 240453
Ion Ratio Lower Upper
276 100
277 24.3 18.7 28.1
138 20.1 16.6 25.0

