

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF120623\
 Data File : BF136439.D
 Acq On : 06 Dec 2023 20:55
 Operator : CG\JU
 Sample : 05602-05MS
 Misc :
 ALS Vial : 22 Sample Multiplier: 1

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

Quant Time: Dec 07 00:56:06 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	95548	20.000	ng	0.00
21) Naphthalene-d8	8.075	136	333282	20.000	ng	0.00
39) Acenaphthene-d10	9.833	164	147024	20.000	ng	0.00
64) Phenanthrene-d10	11.327	188	282484	20.000	ng	0.00
76) Chrysene-d12	13.980	240	182789	20.000	ng	0.00
86) Perylene-d12	15.457	264	159793	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.440	112	619165	95.701	ng	0.00
7) Phenol-d6	6.439	99	729527	90.376	ng	0.00
23) Nitrobenzene-d5	7.363	82	416163	67.504	ng	0.00
42) 2,4,6-Tribromophenol	10.627	330	181177	99.942	ng	0.00
45) 2-Fluorobiphenyl	9.157	172	768228	71.298	ng	0.00
79) Terphenyl-d14	12.921	244	874102	63.029	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	2.593	88	104831	40.966	ng	99
3) Pyridine	3.357	79	250348	40.397	ng	97
4) n-Nitrosodimethylamine	3.322	42	125280	46.531	ng	99
6) Aniline	6.481	93	310107	38.014	ng	96
8) 2-Chlorophenol	6.587	128	310869	44.013	ng	98
9) Benzaldehyde	6.351	77	120432	27.371	ng	98
10) Phenol	6.457	94	378771	44.097	ng	96
11) bis(2-Chloroethyl)ether	6.540	93	284267	44.400	ng	99
12) 1,3-Dichlorobenzene	6.739	146	326390	41.091	ng	97
13) 1,4-Dichlorobenzene	6.816	146	335150	41.594	ng	97
14) 1,2-Dichlorobenzene	6.969	146	311856	41.158	ng	99
15) Benzyl Alcohol	6.945	79	234631	43.407	ng	98
16) 2,2'-oxybis(1-Chloropr...	7.075	45	348403	42.310	ng	97
17) 2-Methylphenol	7.057	107	229466	40.213	ng	98
18) Hexachloroethane	7.310	117	101656	36.135	ng	94
19) n-Nitroso-di-n-propyla...	7.216	70	189501	40.697	ng	98
20) 3+4-Methylphenols	7.210	107	284596	40.181	ng	91
22) Acetophenone	7.210	105	415596	50.498	ng	100
24) Nitrobenzene	7.381	77	281238	45.348	ng	98
25) Isophorone	7.616	82	507438	45.814	ng	100
26) 2-Nitrophenol	7.692	139	140824	46.188	ng	98
27) 2,4-Dimethylphenol	7.734	122	211312	56.207	ng	95
28) bis(2-Chloroethoxy)met...	7.828	93	326659	47.996	ng	100
29) 2,4-Dichlorophenol	7.939	162	225386	45.419	ng	97
30) 1,2,4-Trichlorobenzene	8.016	180	253361	43.786	ng	99
31) Naphthalene	8.098	128	809776	44.059	ng	99
32) Benzoic acid	7.857	122	162648	43.611	ng	98
33) 4-Chloroaniline	8.151	127	208400	31.805	ng	98
34) Hexachlorobutadiene	8.216	225	146831	42.817	ng	98
35) Caprolactam	8.516	113	69801m	45.676	ng	
36) 4-Chloro-3-methylphenol	8.633	107	221252	41.992	ng	98
37) 2-Methylnaphthalene	8.792	142	484971	41.477	ng	96
38) 1-Methylnaphthalene	8.892	142	461977	40.264	ng	98
40) 1,2,4,5-Tetrachloroben...	8.957	216	236919	51.795	ng	99
41) Hexachlorocyclopentadiene	8.939	237	61702	36.411	ng	98
43) 2,4,6-Trichlorophenol	9.069	196	145552	48.870	ng	99

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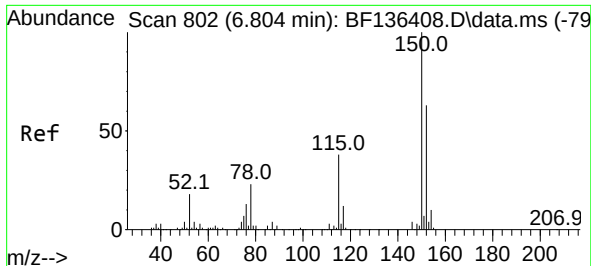
Manual Integrations
 APPROVED

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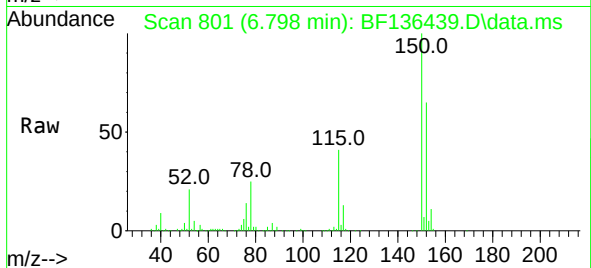
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.110	196	155806	46.871	ng	98
46) 1,1'-Biphenyl	9.257	154	625328	49.985	ng	98
47) 2-Chloronaphthalene	9.281	162	462389	47.488	ng	99
48) 2-Nitroaniline	9.380	65	134378	51.456	ng	91
49) Acenaphthylene	9.698	152	701447	50.571	ng	99
50) Dimethylphthalate	9.557	163	517600	47.818	ng	99
51) 2,6-Dinitrotoluene	9.622	165	107893	44.306	ng	99
52) Acenaphthene	9.869	154	411359	46.280	ng	97
53) 3-Nitroaniline	9.792	138	117534	47.264	ng	97
54) 2,4-Dinitrophenol	9.898	184	43740	35.525	ng	92
55) Dibenzofuran	10.039	168	616326	47.465	ng	99
56) 4-Nitrophenol	9.957	139	189652	101.735	ng	99
57) 2,4-Dinitrotoluene	10.028	165	138678	43.048	ng	99
58) Fluorene	10.386	166	482064	46.248	ng	100
59) 2,3,4,6-Tetrachlorophenol	10.163	232	129541	48.651	ng	100
60) Diethylphthalate	10.263	149	482361	45.318	ng	99
61) 4-Chlorophenyl-phenyle...	10.380	204	231564	45.572	ng	93
62) 4-Nitroaniline	10.404	138	121581	49.239	ng	94
63) Azobenzene	10.539	77	437198	45.127	ng	97
65) 4,6-Dinitro-2-methylph...	10.433	198	30867	17.644	ng	96
66) n-Nitrosodiphenylamine	10.498	169	421502	46.501	ng	98
67) 4-Bromophenyl-phenylether	10.869	248	142511	43.391	ng	93
68) Hexachlorobenzene	10.933	284	169888	44.755	ng	96
69) Atrazine	11.033	200	134767	52.092	ng	98
70) Pentachlorophenol	11.133	266	194948	90.997	ng	99
71) Phenanthrene	11.351	178	740303	47.680	ng	100
72) Anthracene	11.404	178	767593	49.083	ng	98
73) Carbazole	11.563	167	674419	48.725	ng	99
74) Di-n-butylphthalate	11.898	149	769444	45.346	ng	100
75) Fluoranthene	12.545	202	790571	48.588	ng	99
77) Benzidine	12.674	184	456438	71.098	ng	98
78) Pyrene	12.774	202	805500	44.996	ng	99
80) Butylbenzylphthalate	13.404	149	318853	50.035	ng	98
81) Benzo(a)anthracene	13.968	228	598967	47.043	ng	100
82) 3,3'-Dichlorobenzidine	13.933	252	232004	64.989	ng	100
83) Chrysene	14.010	228	579113	46.229	ng	99
84) Bis(2-ethylhexyl)phtha...	13.968	149	405197	51.867	ng	98
85) Di-n-octyl phthalate	14.580	149	657433	56.972	ng	100
87) Indeno(1,2,3-cd)pyrene	16.968	276	435140	39.198	ng	99
88) Benzo(b)fluoranthene	15.027	252	491115	44.951	ng	99
89) Benzo(k)fluoranthene	15.057	252	465004	45.162	ng	99
90) Benzo(a)pyrene	15.398	252	410699	45.518	ng	98
91) Dibenzo(a,h)anthracene	16.992	278	375827	41.325	ng	98
92) Benzo(g,h,i)perylene	17.427	276	333954	35.776	ng	100

(#) = 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: BF136439.D
 Acq: 06 Dec 2023 20:55

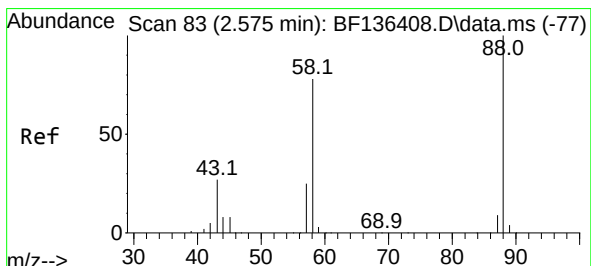
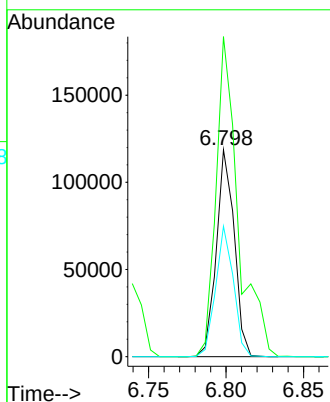
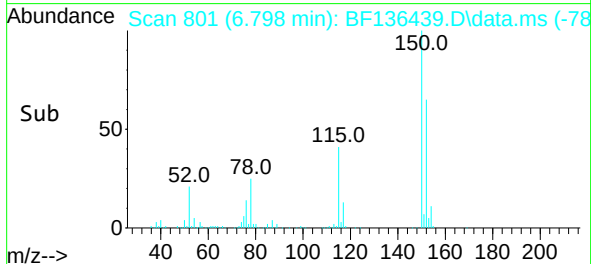
Instrument :
 BNA_F
 ClientSampleId :
 SPRING-VALLEY-TP-3MS



Tgt Ion:152 Resp: 95548
 Ion Ratio Lower Upper
 152 100
 150 154.7 126.4 189.6
 115 63.1 48.2 72.4

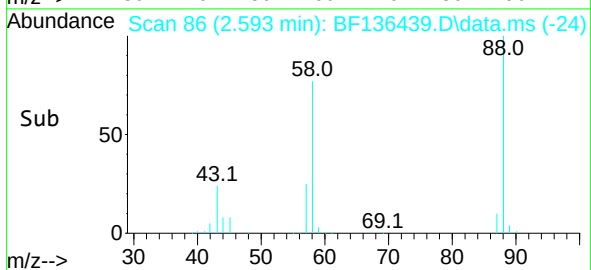
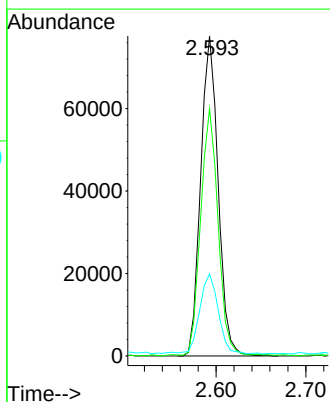
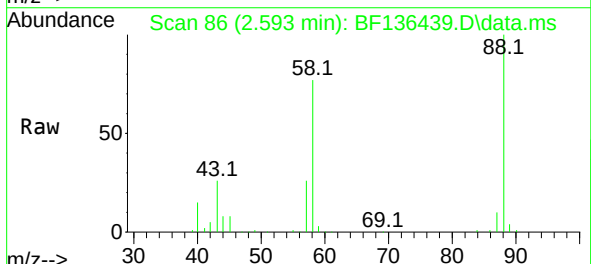
Manual Integrations
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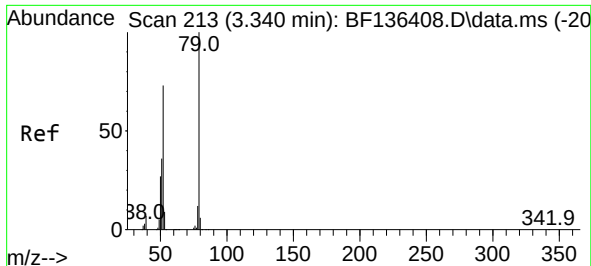
Reviewed By :Yogesh Patel 12/07/2023
 Supervised By :mohammad ahmed 12/07/2023



#2
 1,4-Dioxane
 Concen: 40.966 ng
 RT: 2.593 min Scan# 86
 Delta R.T. 0.018 min
 Lab File: BF136439.D
 Acq: 06 Dec 2023 20:55

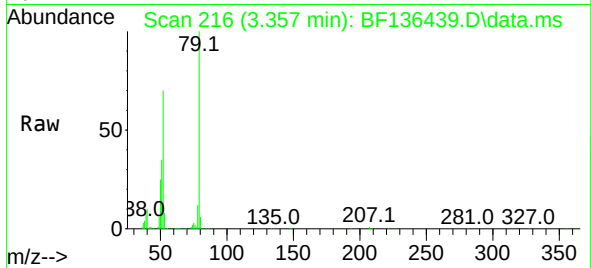
Tgt Ion: 88 Resp: 104831
 Ion Ratio Lower Upper
 88 100
 58 77.3 62.2 93.2
 43 26.4 21.5 32.3





#3
Pyridine
Concen: 40.397 ng
RT: 3.357 min Scan# 213
Delta R.T. 0.018 min
Lab File: BF136439.D
Acq: 06 Dec 2023 20:55

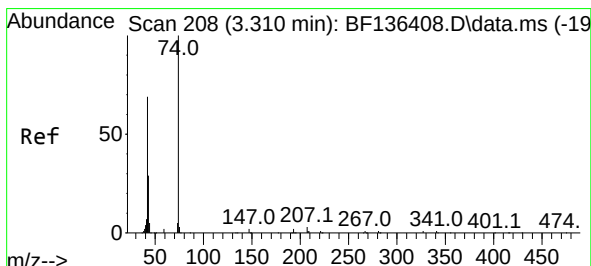
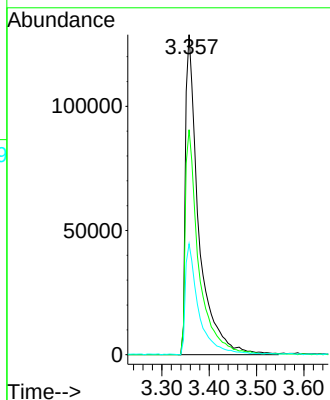
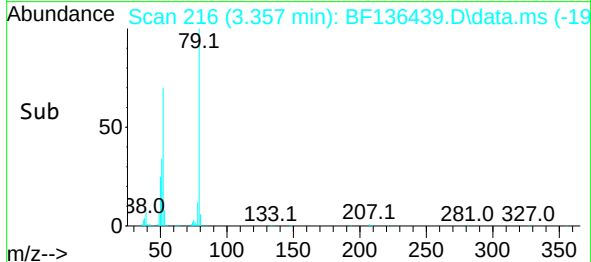
Instrument :
BNA_F
ClientSampleId :
SPRING-VALLEY-TP-3MS



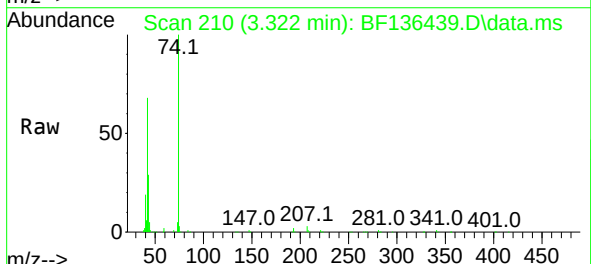
Tgt Ion: 79 Resp: 250348
Ion Ratio Lower Upper
79 100
52 70.3 58.2 87.2
51 34.7 29.1 43.7

Manual Integrations
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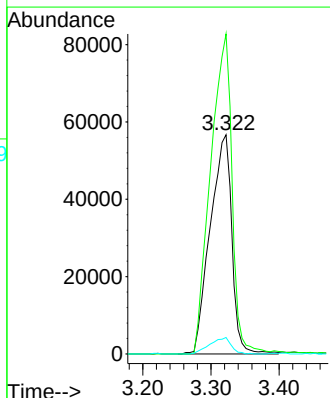
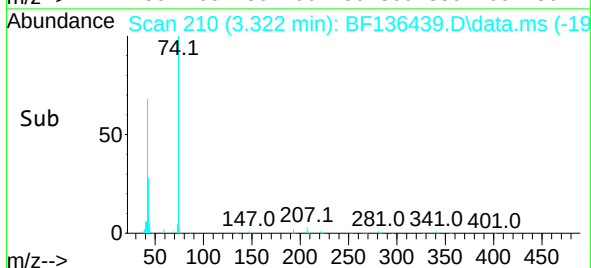
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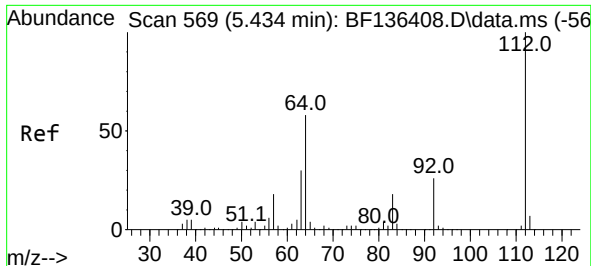


#4
n-Nitrosodimethylamine
Concen: 46.531 ng
RT: 3.322 min Scan# 210
Delta R.T. 0.012 min
Lab File: BF136439.D
Acq: 06 Dec 2023 20:55



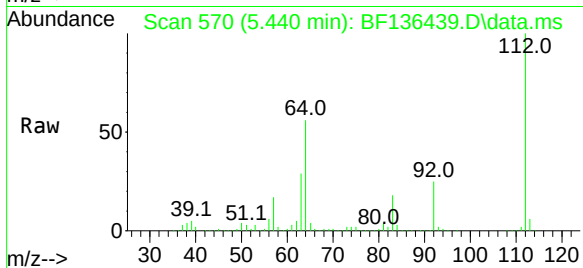
Tgt Ion: 42 Resp: 125280
Ion Ratio Lower Upper
42 100
74 146.0 115.4 173.0
44 7.6 6.2 9.2





#5
2-Fluorophenol
Concen: 95.701 ng
RT: 5.440 min Scan# 51
Delta R.T. 0.006 min
Lab File: BF136439.D
Acq: 06 Dec 2023 20:55

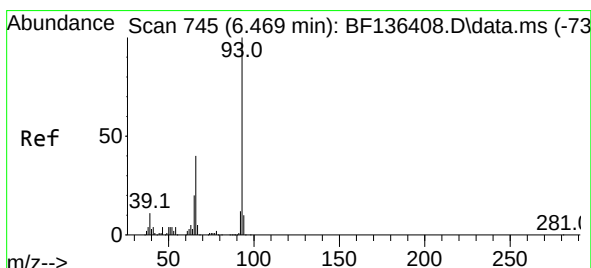
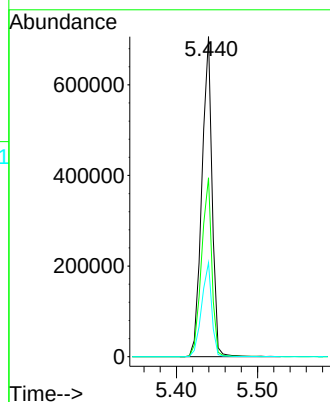
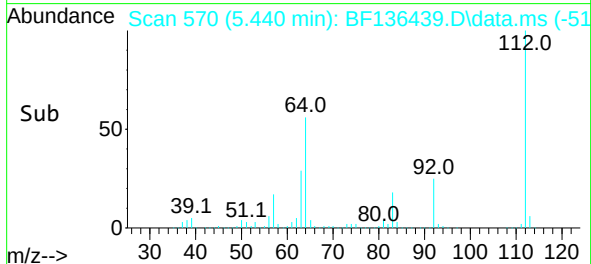
Instrument :
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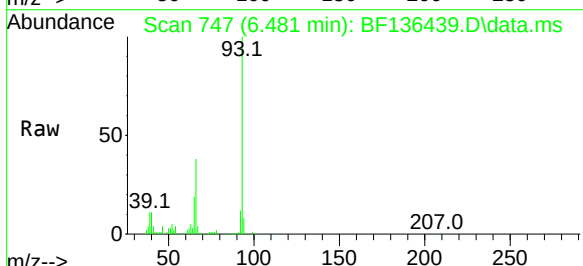
Tgt Ion: 112 Resp: 61916
Ion Ratio Lower Upper
112 100
64 55.9 46.5 69.7
63 29.3 23.9 35.9

Manual Integrations
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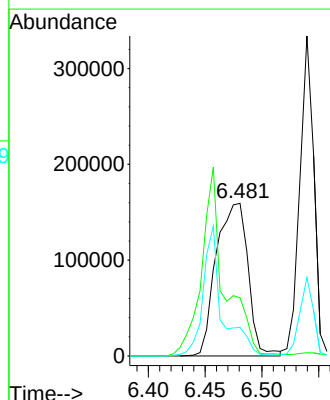
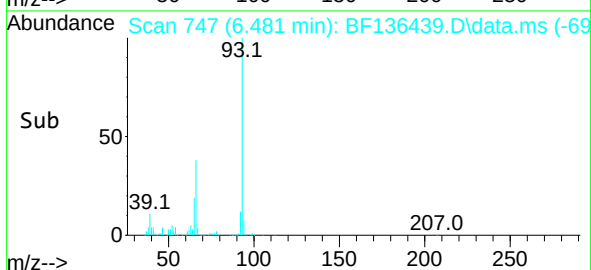
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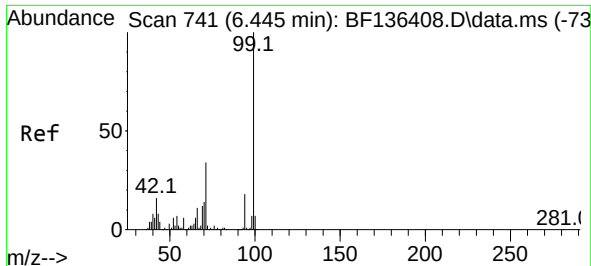


#6
Aniline
Concen: 38.014 ng
RT: 6.481 min Scan# 747
Delta R.T. 0.012 min
Lab File: BF136439.D
Acq: 06 Dec 2023 20:55



Tgt Ion: 93 Resp: 310107
Ion Ratio Lower Upper
93 100
66 38.2 32.5 48.7
65 18.7 16.4 24.6





#7

Phenol-d6

Concen: 90.376 ng

RT: 6.439 min Scan# 741

Delta R.T. -0.006 min

Lab File: BF136439.D

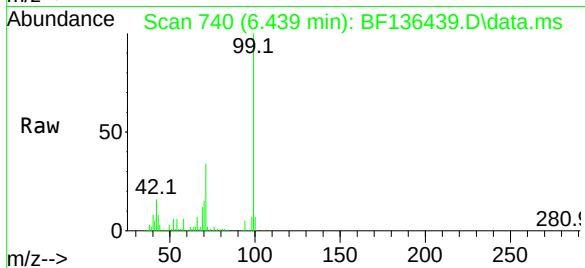
Acq: 06 Dec 2023 20:55

Instrument :

BNA_F

ClientSampleId :

SPRING-VALLEY-TP-3MS



Tgt Ion: 99 Resp: 72952

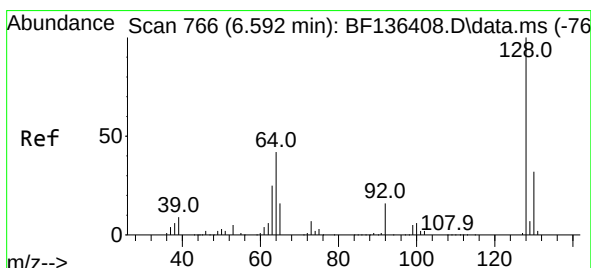
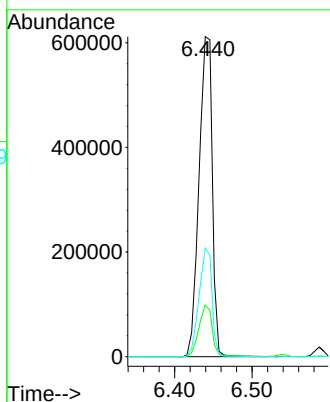
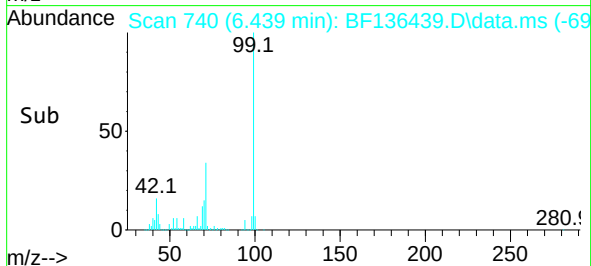
Ion	Ratio	Lower	Upper
99	100		
42	16.1	12.8	19.2
71	33.9	27.0	40.4

Manual Integrations

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#8

2-Chlorophenol

Concen: 44.013 ng

RT: 6.587 min Scan# 765

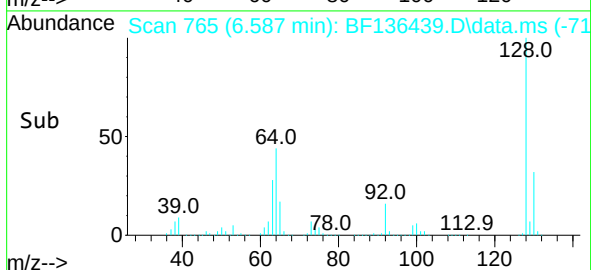
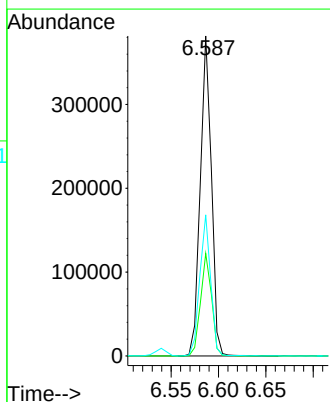
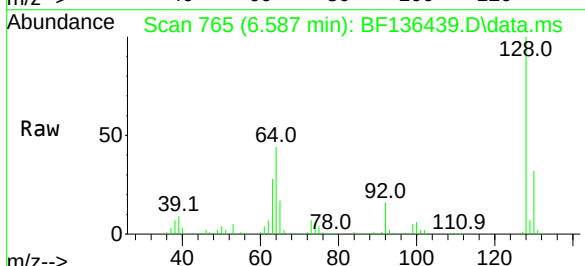
Delta R.T. -0.006 min

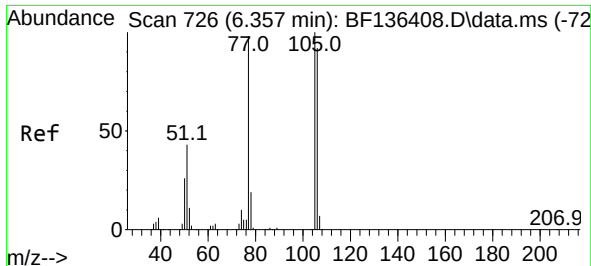
Lab File: BF136439.D

Acq: 06 Dec 2023 20:55

Tgt Ion:128 Resp: 310869

Ion	Ratio	Lower	Upper
128	100		
130	32.1	11.7	51.7
64	44.1	22.5	62.5





#9

Benzaldehyde

Concen: 27.371 ng

RT: 6.351 min Scan# 71

Delta R.T. -0.006 min

Lab File: BF136439.D

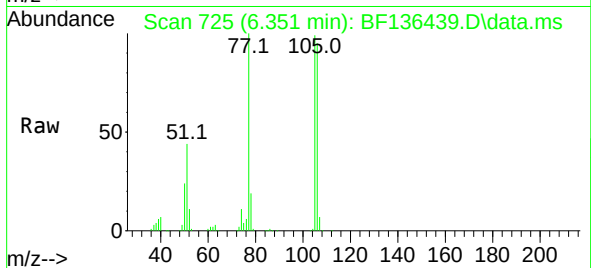
Acq: 06 Dec 2023 20:55

Instrument :

BNA_F

ClientSampleId :

SPRING-VALLEY-TP-3MS



Tgt Ion: 77 Resp: 12043

Ion Ratio Lower Upper

77 100

105 99.3 82.5 122.5

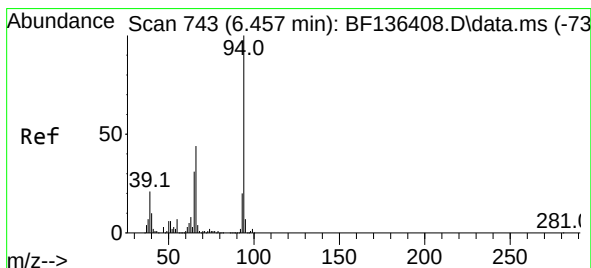
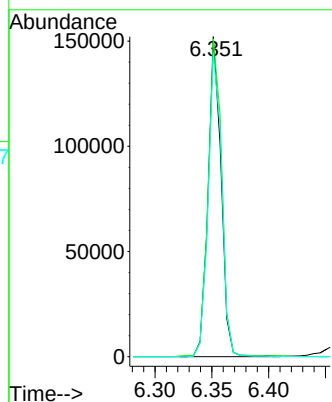
106 94.9 74.5 114.5

Manual Integrations

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Supervised By :mohammad ahmed 12/07/2023



#10

Phenol

Concen: 44.097 ng

RT: 6.457 min Scan# 743

Delta R.T. -0.000 min

Lab File: BF136439.D

Acq: 06 Dec 2023 20:55

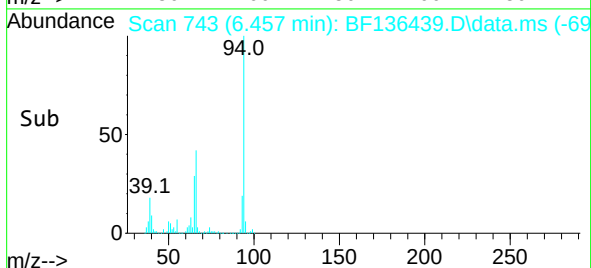
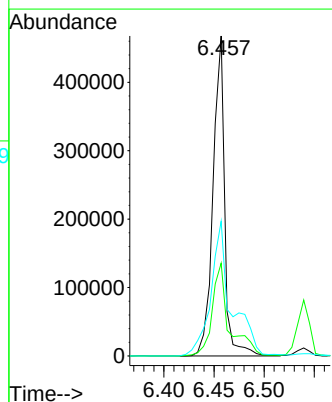
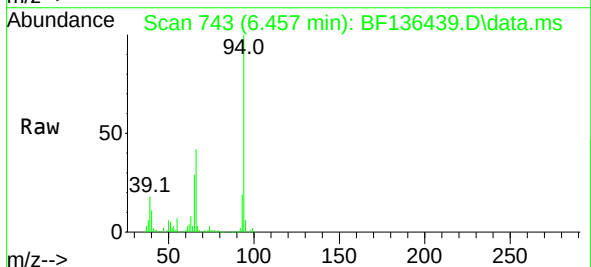
Tgt Ion: 94 Resp: 378771

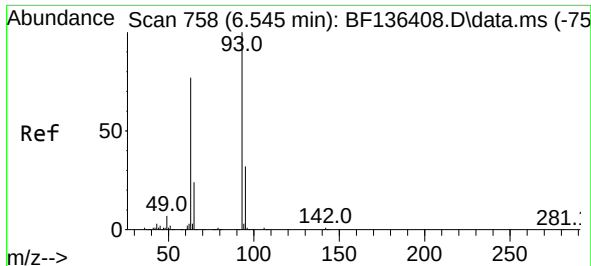
Ion Ratio Lower Upper

94 100

65 29.0 11.2 51.2

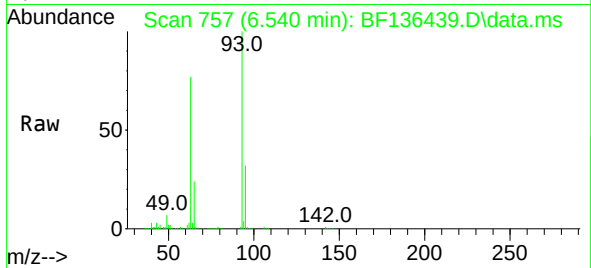
66 42.1 24.2 64.2





#11
bis(2-Chloroethyl)ether
Concen: 44.400 ng
RT: 6.540 min Scan# 758
Delta R.T. -0.006 min
Lab File: BF136439.D
Acq: 06 Dec 2023 20:55

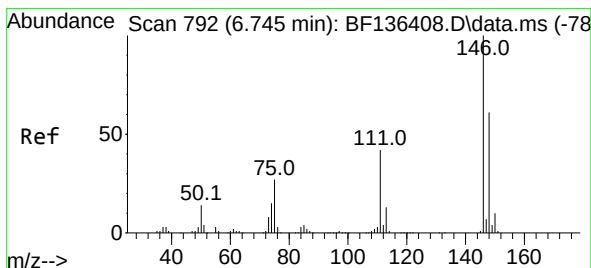
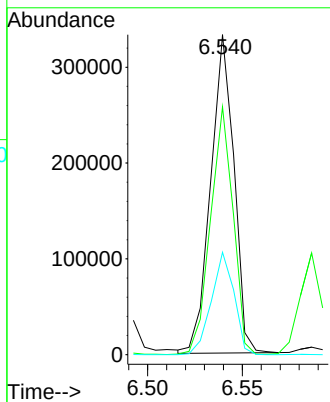
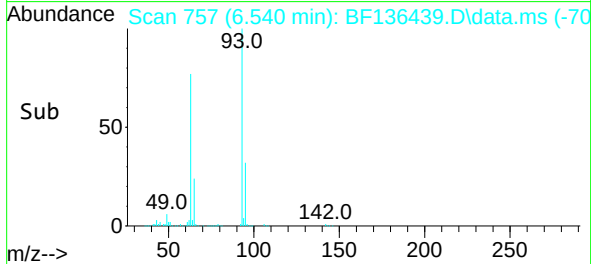
Instrument :
BNA_F
ClientSampleId :
SPRING-VALLEY-TP-3MS



Tgt Ion: 93 Resp: 28426
Ion Ratio Lower Upper
93 100
63 77.4 56.8 96.8
95 32.0 11.8 51.8

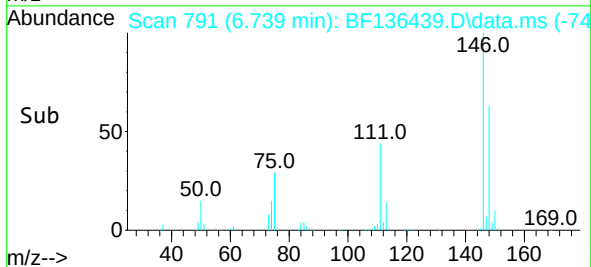
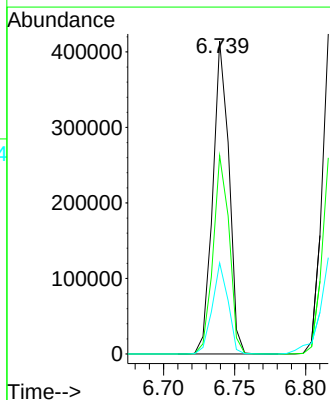
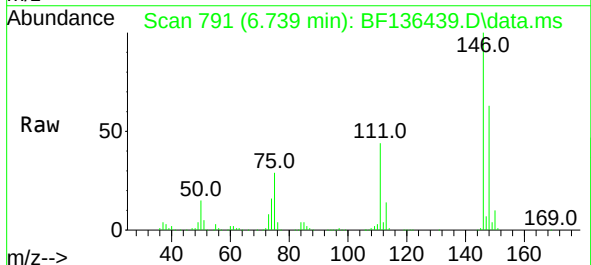
Manual Integrations
APPROVED

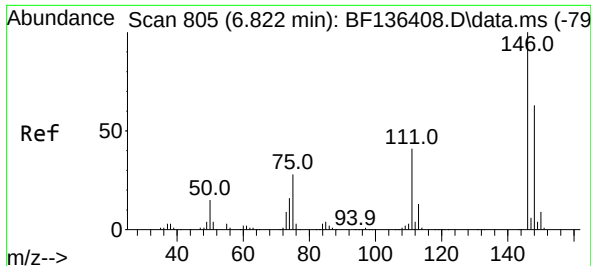
Reviewed By :Yogesh Patel 12/07/2023
Supervised By :mohammad ahmed 12/07/2023



#12
1,3-Dichlorobenzene
Concen: 41.091 ng
RT: 6.739 min Scan# 791
Delta R.T. -0.006 min
Lab File: BF136439.D
Acq: 06 Dec 2023 20:55

Tgt Ion:146 Resp: 326390
Ion Ratio Lower Upper
146 100
148 63.4 49.0 73.6
75 29.1 21.8 32.6





#13

1,4-Dichlorobenzene

Concen: 41.594 ng

RT: 6.816 min Scan# 80

Delta R.T. -0.006 min

Lab File: BF136439.D

Acq: 06 Dec 2023 20:55

Instrument :

BNA_F

ClientSampleId :

SPRING-VALLEY-TP-3MS

Tgt Ion:146 Resp: 335150

Ion Ratio Lower Upper

146 100

148 61.3 50.3 75.5

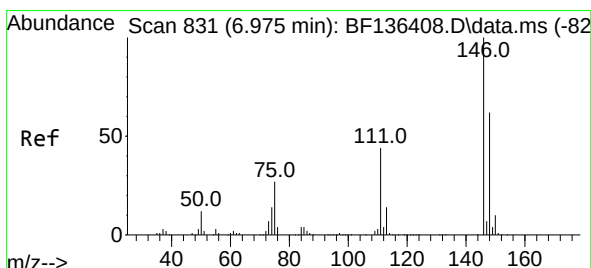
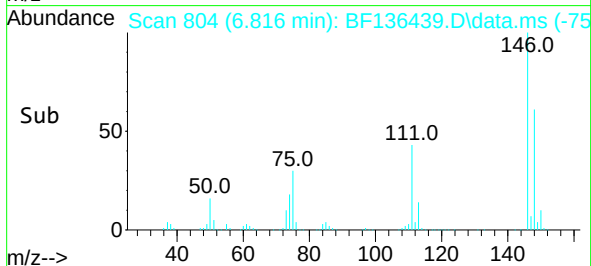
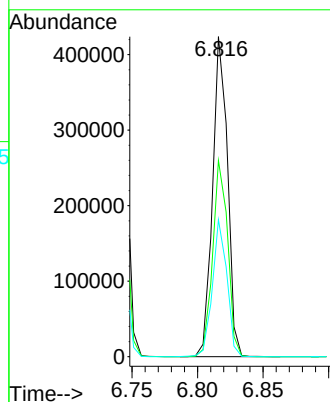
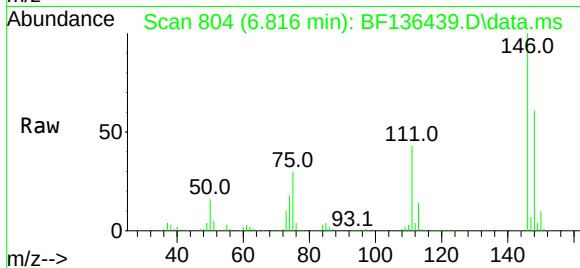
111 42.8 32.6 49.0

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 12/07/2023

Supervised By :mohammad ahmed 12/07/2023



#14

1,2-Dichlorobenzene

Concen: 41.158 ng

RT: 6.969 min Scan# 830

Delta R.T. -0.006 min

Lab File: BF136439.D

Acq: 06 Dec 2023 20:55

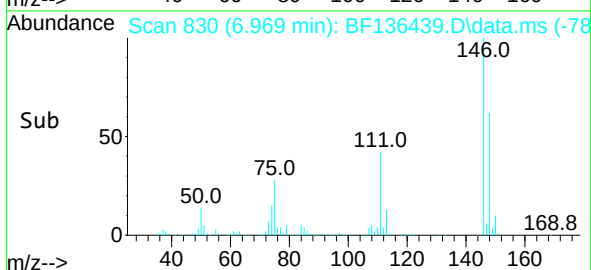
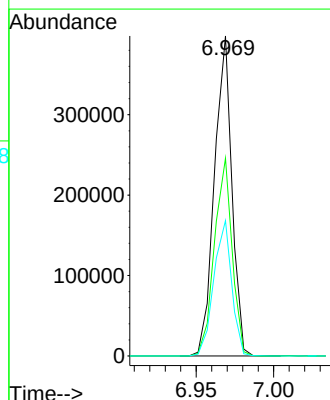
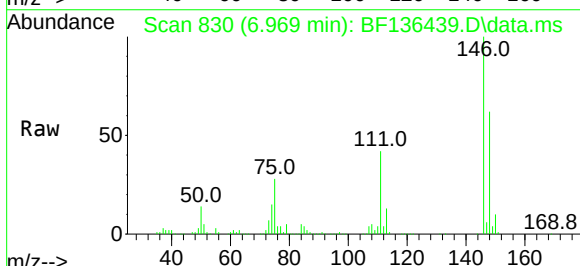
Tgt Ion:146 Resp: 311856

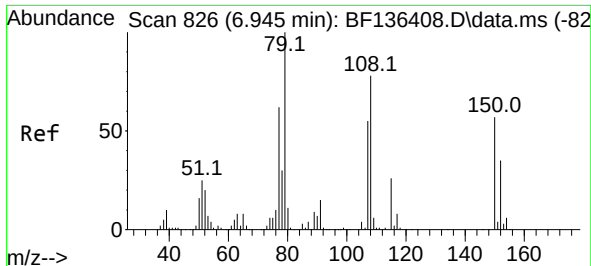
Ion Ratio Lower Upper

146 100

148 61.8 49.8 74.6

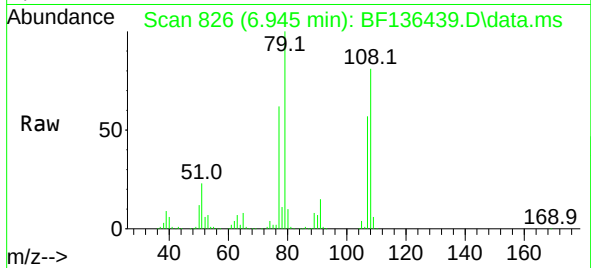
111 42.3 34.9 52.3





#15
Benzyl Alcohol
Concen: 43.407 ng
RT: 6.945 min Scan# 81
Delta R.T. -0.000 min
Lab File: BF136439.D
Acq: 06 Dec 2023 20:55

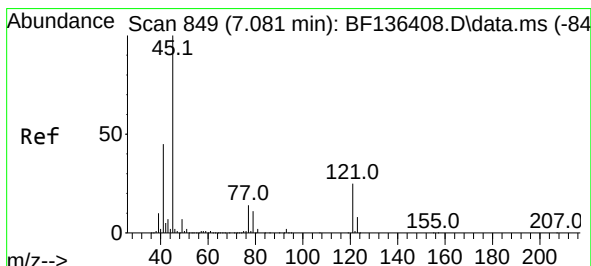
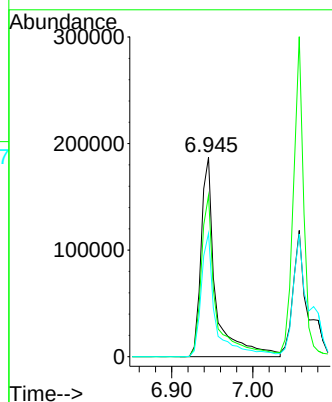
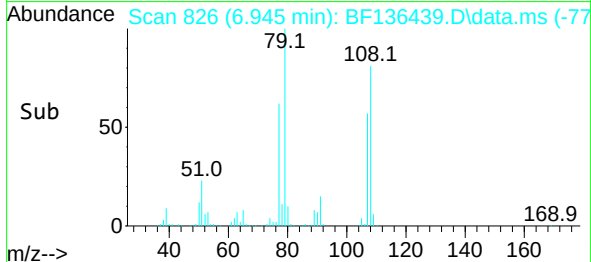
Instrument :
BNA_F
ClientSampleId :
SPRING-VALLEY-TP-3MS



Tgt Ion: 79 Resp: 23463
Ion Ratio Lower Upper
79 100
108 80.9 62.3 93.5
77 61.8 49.8 74.8

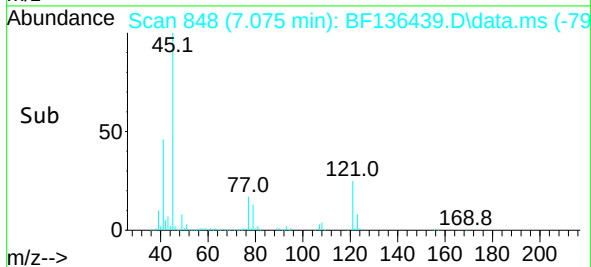
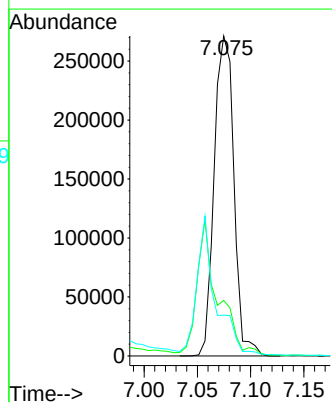
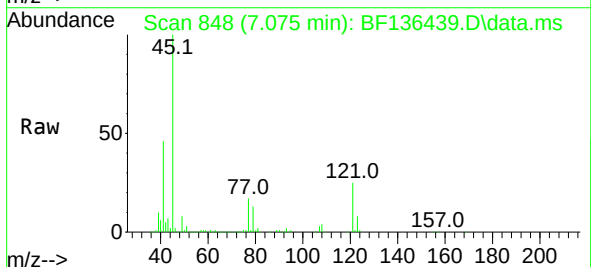
Manual Integrations
APPROVED

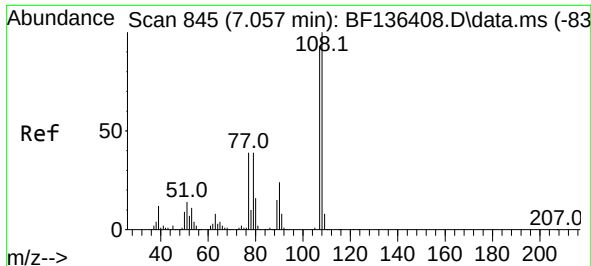
Reviewed By :Yogesh Patel 12/07/2023
Supervised By :mohammad ahmed 12/07/2023



#16
2,2'-oxybis(1-Chloropropane)
Concen: 42.310 ng
RT: 7.075 min Scan# 848
Delta R.T. -0.006 min
Lab File: BF136439.D
Acq: 06 Dec 2023 20:55

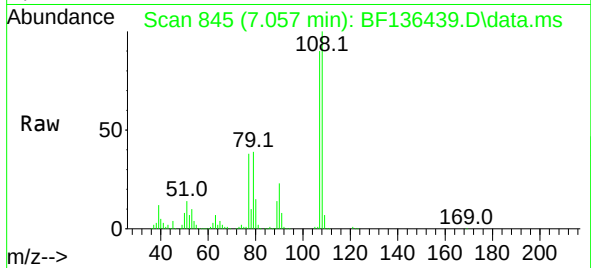
Tgt Ion: 45 Resp: 348403
Ion Ratio Lower Upper
45 100
77 17.3 0.0 35.3
79 12.8 0.0 32.5





#17
2-Methylphenol
Concen: 40.213 ng
RT: 7.057 min Scan# 845
Delta R.T. -0.000 min
Lab File: BF136439.D
Acq: 06 Dec 2023 20:55

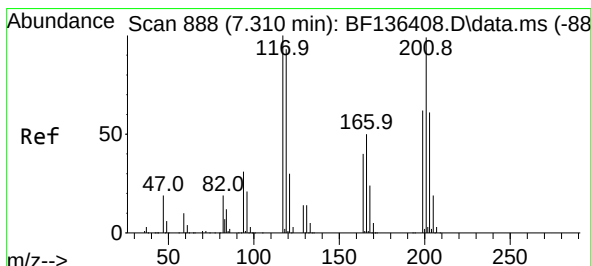
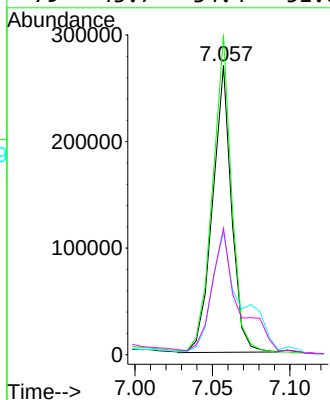
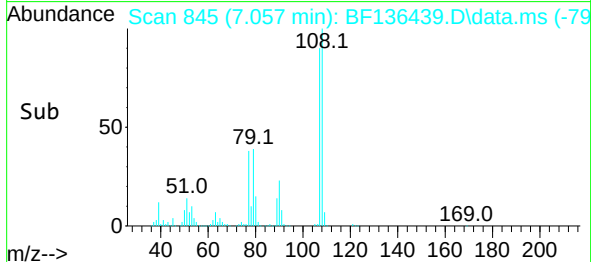
Instrument :
BNA_F
ClientSampleId :
SPRING-VALLEY-TP-3MS



Tgt Ion:107 Resp: 229460
Ion Ratio Lower Upper
107 100
108 110.7 86.5 129.7
77 42.5 33.8 50.8
79 43.7 34.4 51.6

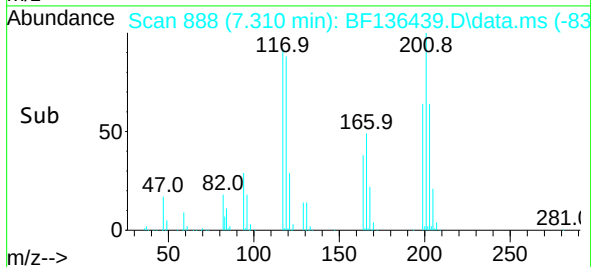
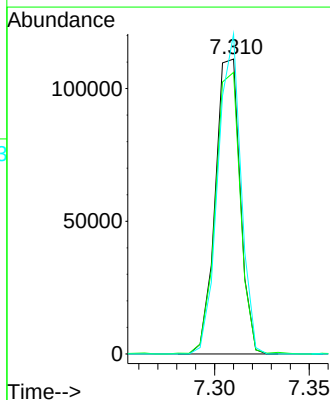
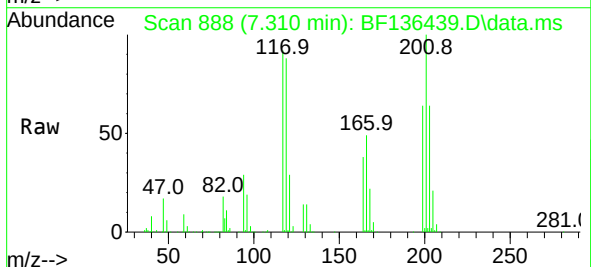
Manual Integrations
APPROVED

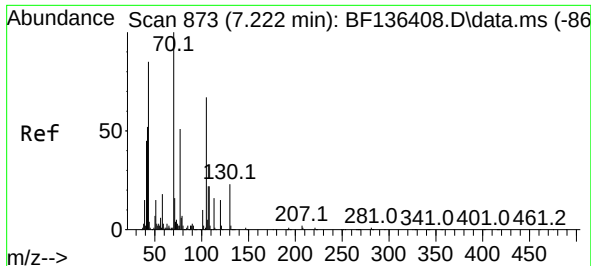
Reviewed By :Yogesh Patel 12/07/2023
Supervised By :mohammad ahmed 12/07/2023



#18
Hexachloroethane
Concen: 36.135 ng
RT: 7.310 min Scan# 888
Delta R.T. -0.000 min
Lab File: BF136439.D
Acq: 06 Dec 2023 20:55

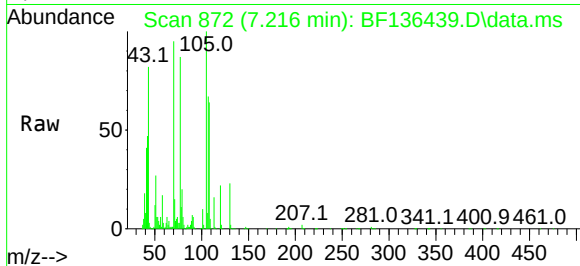
Tgt Ion:117 Resp: 101656
Ion Ratio Lower Upper
117 100
119 95.5 74.3 111.5
201 108.5 79.3 118.9





#19
n-Nitroso-di-n-propylamine
Concen: 40.697 ng
RT: 7.216 min Scan# 81
Delta R.T. -0.006 min
Lab File: BF136439.D
Acq: 06 Dec 2023 20:55

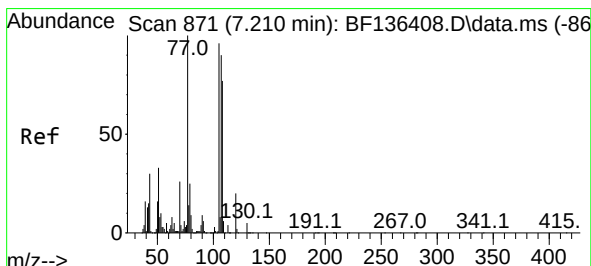
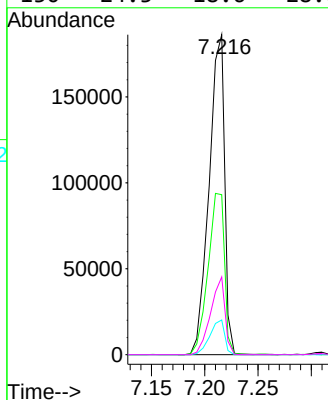
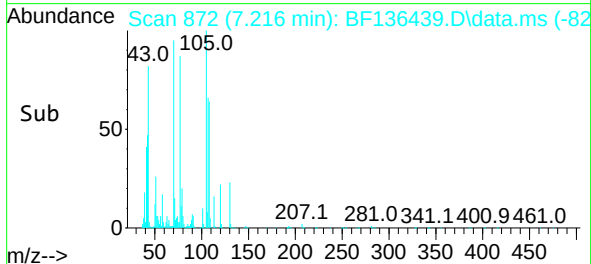
Instrument :
BNA_F
ClientSampleId :
SPRING-VALLEY-TP-3MS



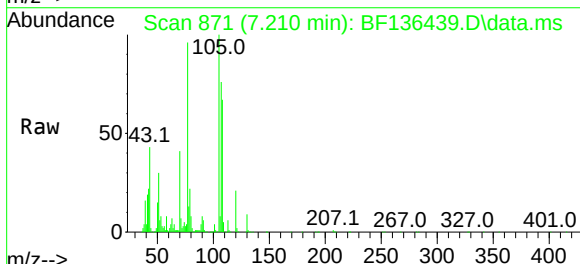
Tgt Ion: 70 Resp: 18950
Ion Ratio Lower Upper
70 100
42 50.0 41.4 62.0
101 10.9 8.2 12.4
130 24.3 18.6 28.0

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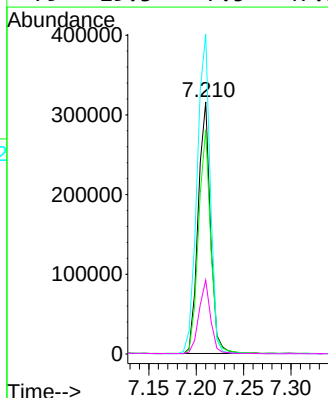
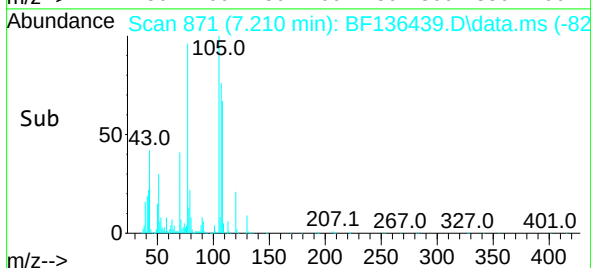
Reviewed By :Yogesh Patel 12/07/2023
Supervised By :mohammad ahmed 12/07/2023

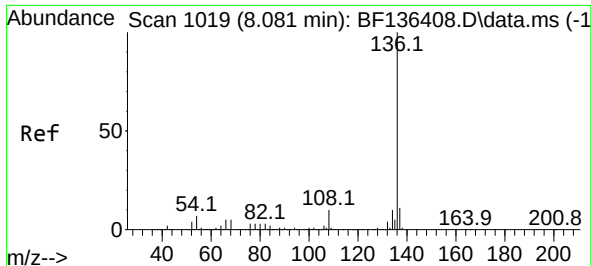


#20
3+4-Methylphenols
Concen: 40.181 ng
RT: 7.210 min Scan# 871
Delta R.T. -0.000 min
Lab File: BF136439.D
Acq: 06 Dec 2023 20:55



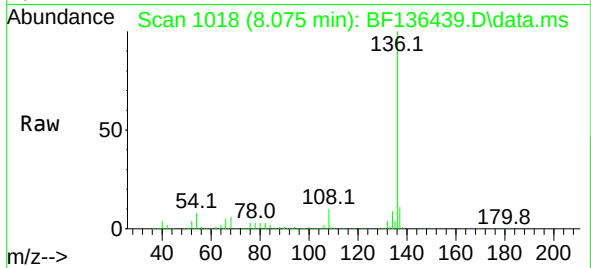
Tgt Ion:107 Resp: 284596
Ion Ratio Lower Upper
107 100
108 89.0 65.9 105.9
77 127.0 91.7 131.7
79 29.3 7.5 47.5





#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.075 min Scan# 1019
Delta R.T. -0.006 min
Lab File: BF136439.D
Acq: 06 Dec 2023 20:55

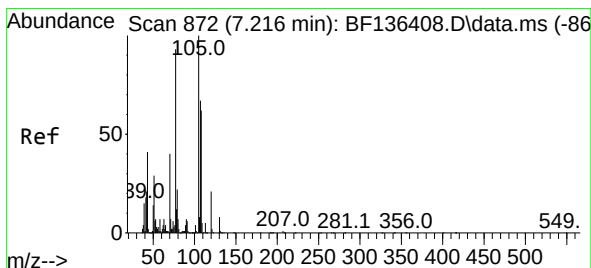
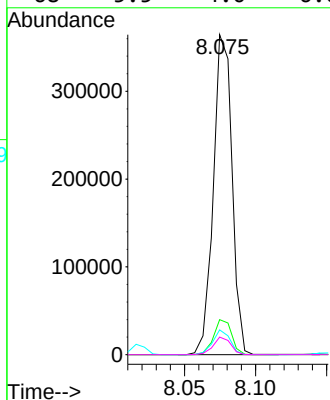
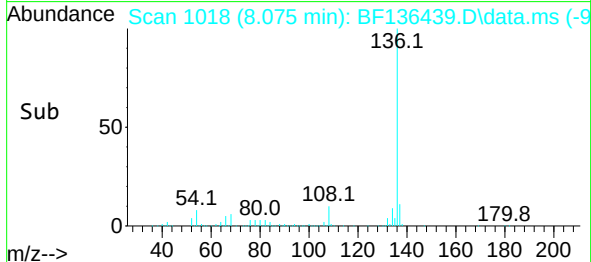
Instrument :
BNA_F
ClientSampleId :
SPRING-VALLEY-TP-3MS



Tgt Ion:136 Resp: 33328
Ion Ratio Lower Upper
136 100
137 10.9 8.6 12.8
54 7.8 5.7 8.5
68 5.5 4.0 6.0

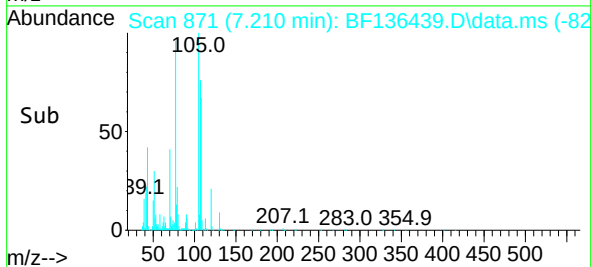
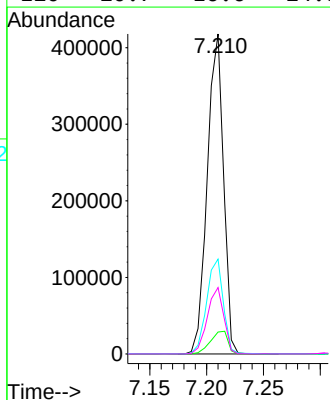
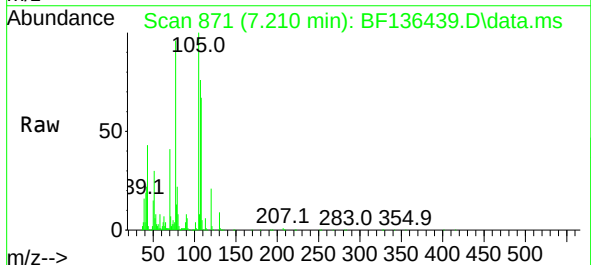
Manual Integrations
APPROVED

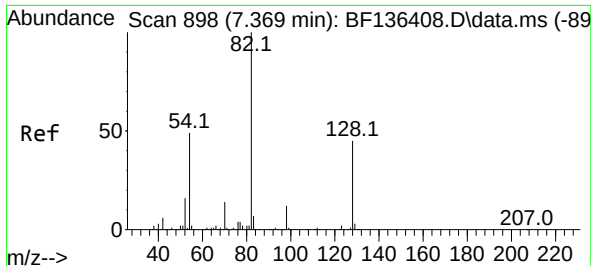
Reviewed By :Yogesh Patel 12/07/2023
Supervised By :mohammad ahmed 12/07/2023



#22
Acetophenone
Concen: 50.498 ng
RT: 7.210 min Scan# 871
Delta R.T. -0.006 min
Lab File: BF136439.D
Acq: 06 Dec 2023 20:55

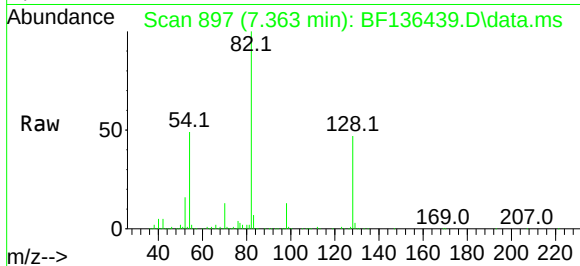
Tgt Ion:105 Resp: 415596
Ion Ratio Lower Upper
105 100
71 6.8 5.4 8.0
51 29.7 23.4 35.2
120 20.7 16.6 24.8





#23
Nitrobenzene-d5
Concen: 67.504 ng
RT: 7.363 min Scan# 898
Delta R.T. -0.006 min
Lab File: BF136439.D
Acq: 06 Dec 2023 20:55

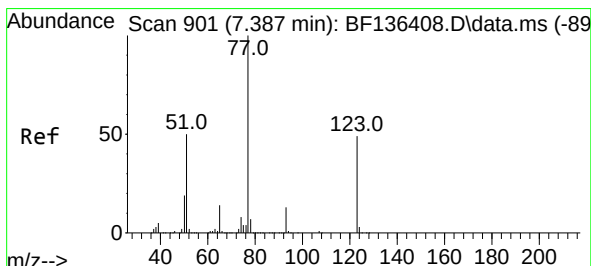
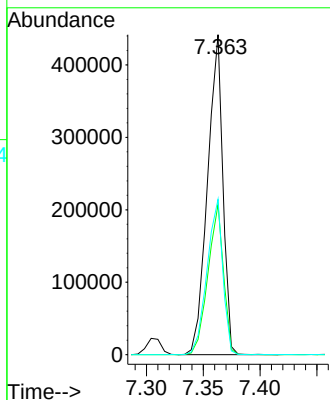
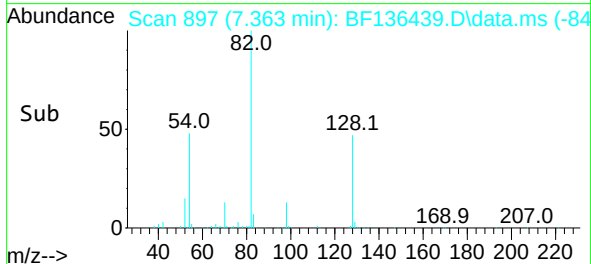
Instrument :
BNA_F
ClientSampleId :
SPRING-VALLEY-TP-3MS



Tgt Ion: 82 Resp: 41616
Ion Ratio Lower Upper
82 100
128 46.9 36.3 54.5
54 48.5 39.0 58.6

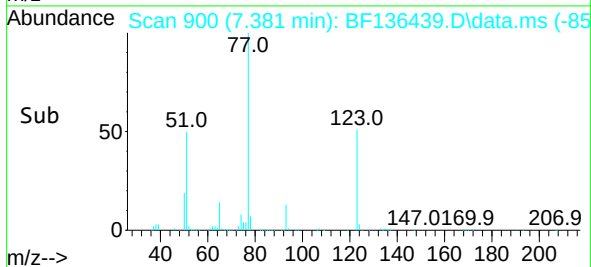
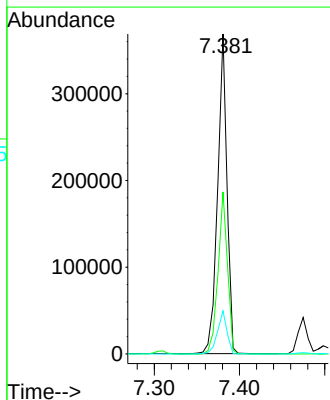
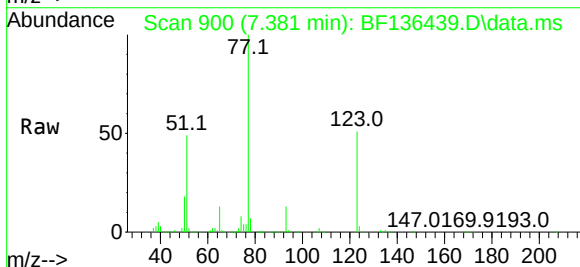
Manual Integrations
APPROVED

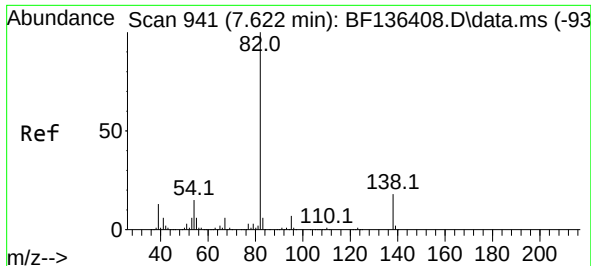
Reviewed By :Yogesh Patel 12/07/2023
Supervised By :mohammad ahmed 12/07/2023



#24
Nitrobenzene
Concen: 45.348 ng
RT: 7.381 min Scan# 900
Delta R.T. -0.006 min
Lab File: BF136439.D
Acq: 06 Dec 2023 20:55

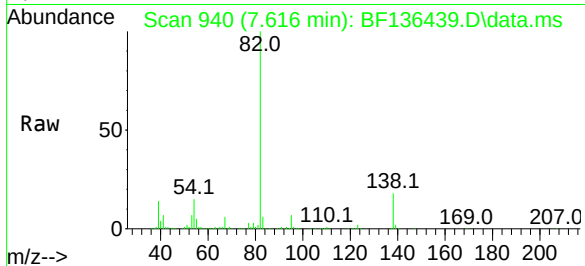
Tgt Ion: 77 Resp: 281238
Ion Ratio Lower Upper
77 100
123 50.7 39.0 58.6
65 13.4 11.3 16.9





#25
Isophorone
Concen: 45.814 ng
RT: 7.616 min Scan# 941
Delta R.T. -0.006 min
Lab File: BF136439.D
Acq: 06 Dec 2023 20:55

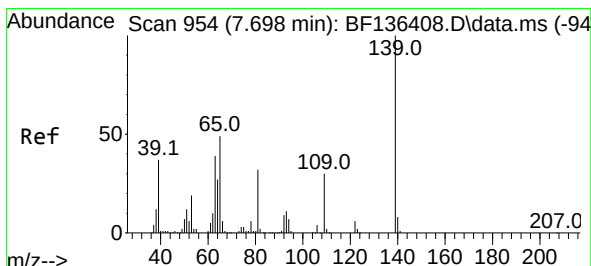
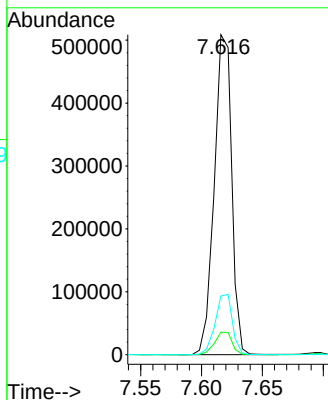
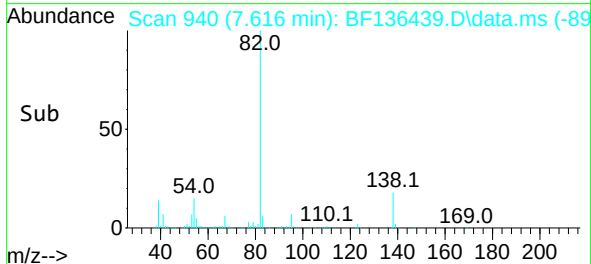
Instrument :
BNA_F
ClientSampleId :
SPRING-VALLEY-TP-3MS



Tgt Ion: 82 Resp: 507438
Ion Ratio Lower Upper
82 100
95 7.1 5.7 8.5
138 18.4 14.5 21.7

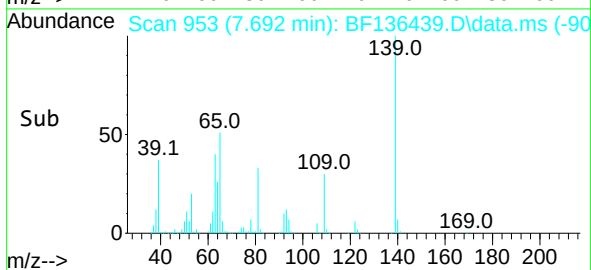
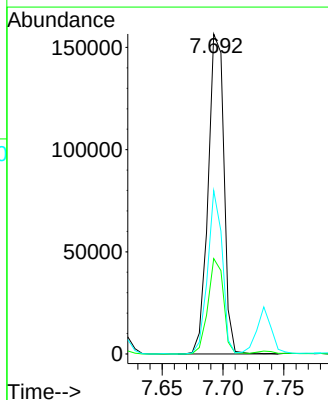
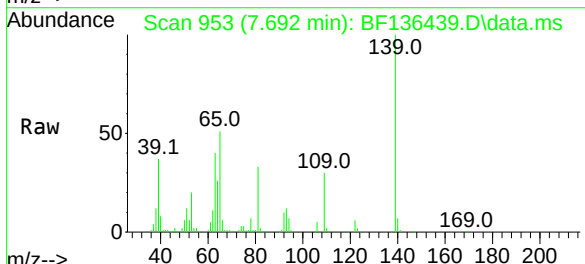
Manual Integrations
APPROVED

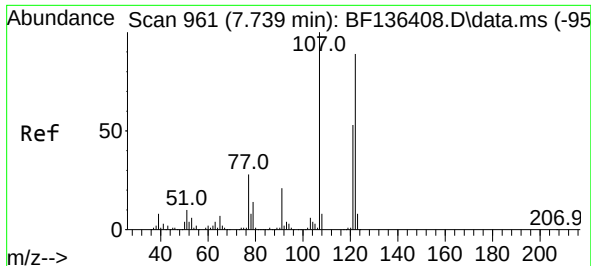
Reviewed By :Yogesh Patel 12/07/2023
Supervised By :mohammad ahmed 12/07/2023



#26
2-Nitrophenol
Concen: 46.188 ng
RT: 7.692 min Scan# 953
Delta R.T. -0.006 min
Lab File: BF136439.D
Acq: 06 Dec 2023 20:55

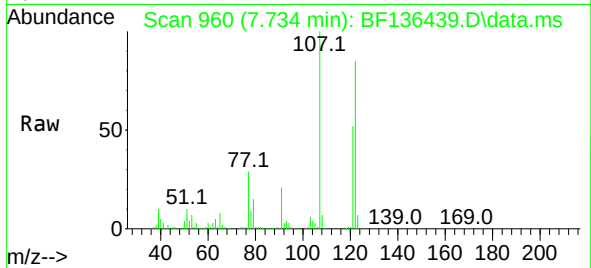
Tgt Ion:139 Resp: 140824
Ion Ratio Lower Upper
139 100
109 29.8 23.6 35.4
65 51.1 39.4 59.2





#27
2,4-Dimethylphenol
Concen: 56.207 ng
RT: 7.734 min Scan# 90
Delta R.T. -0.006 min
Lab File: BF136439.D
Acq: 06 Dec 2023 20:55

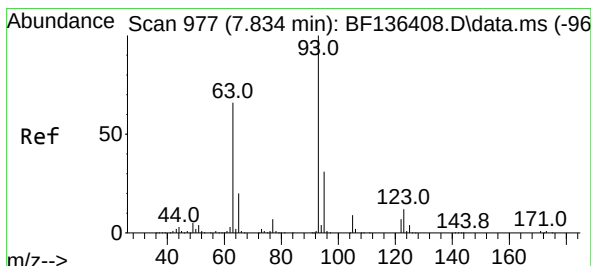
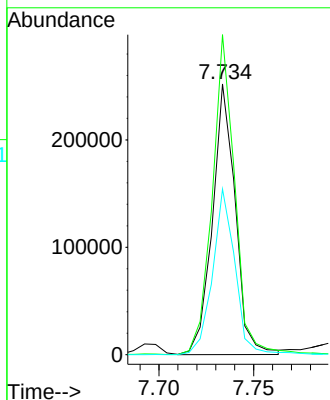
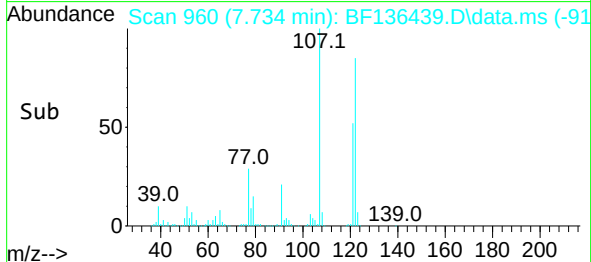
Instrument :
BNA_F
ClientSampleId :
SPRING-VALLEY-TP-3MS



Tgt Ion:122 Resp: 21131
Ion Ratio Lower Upper
122 100
107 118.2 89.3 133.9
121 61.2 47.6 71.4

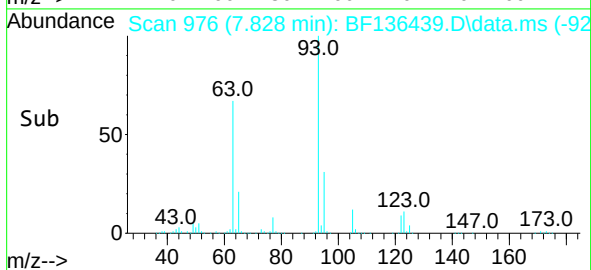
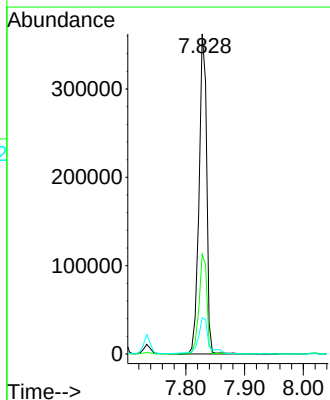
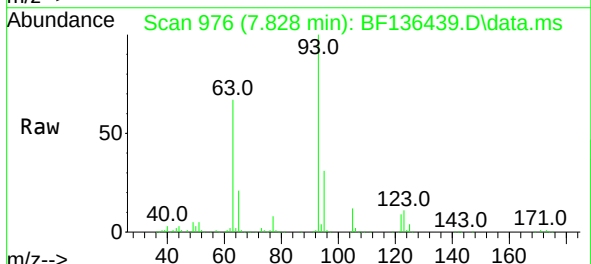
Manual Integrations
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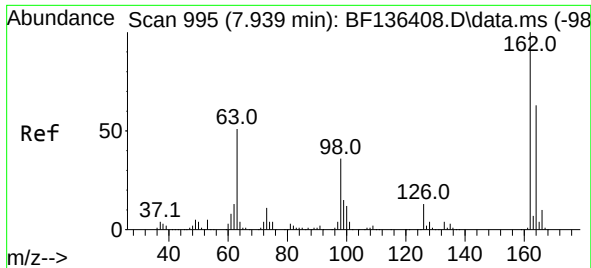
Reviewed By :Yogesh Patel 12/07/2023
Supervised By :mohammad ahmed 12/07/2023



#28
bis(2-Chloroethoxy)methane
Concen: 47.996 ng
RT: 7.828 min Scan# 976
Delta R.T. -0.006 min
Lab File: BF136439.D
Acq: 06 Dec 2023 20:55

Tgt Ion: 93 Resp: 326659
Ion Ratio Lower Upper
93 100
95 31.1 25.0 37.4
123 11.2 9.4 14.0





#29

2,4-Dichlorophenol

Concen: 45.419 ng

RT: 7.939 min Scan# 995

Delta R.T. -0.000 min

Lab File: BF136439.D

Acq: 06 Dec 2023 20:55

Instrument :

BNA_F

ClientSampleId :

SPRING-VALLEY-TP-3MS

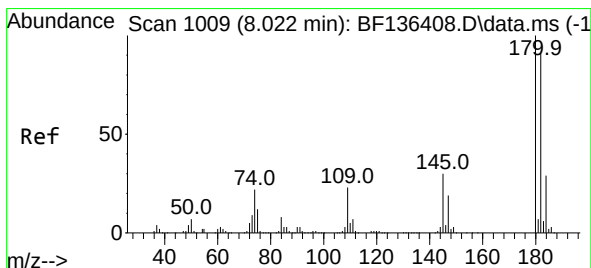
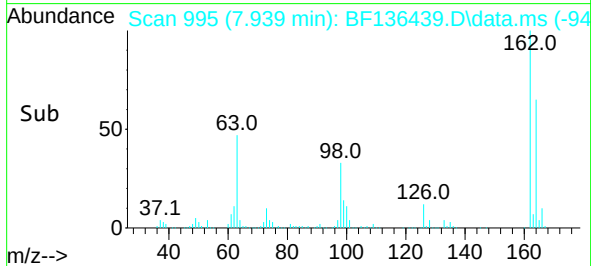
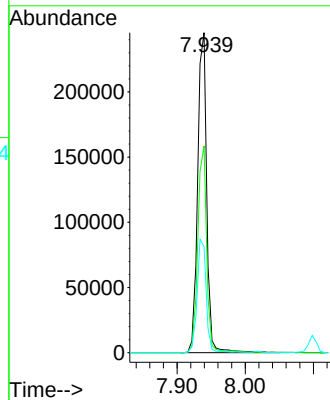
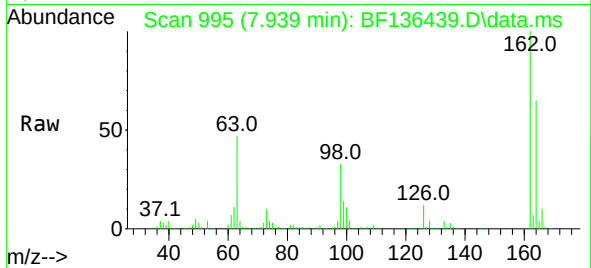
Tgt Ion:162 Resp: 225380
 Ion Ratio Lower Upper
 162 100
 164 64.6 43.0 83.0
 98 33.1 16.2 56.2

Manual Integrations

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Reviewed By :Yogesh Patel 12/07/2023

Supervised By :mohammad ahmed 12/07/2023



#30

1,2,4-Trichlorobenzene

Concen: 43.786 ng

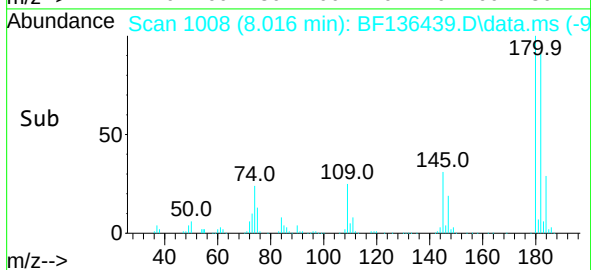
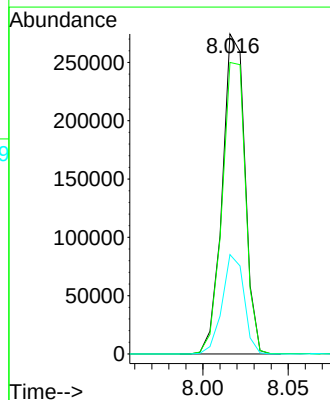
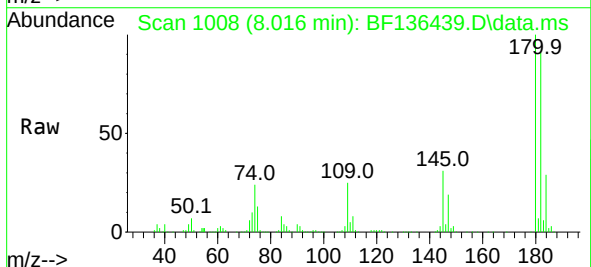
RT: 8.016 min Scan# 1008

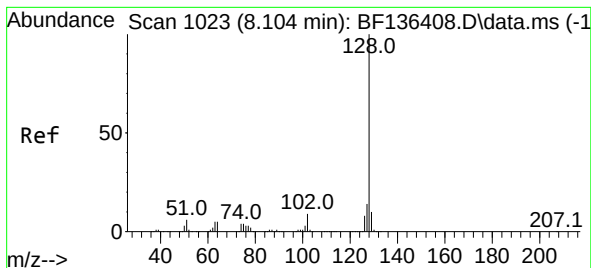
Delta R.T. -0.006 min

Lab File: BF136439.D

Acq: 06 Dec 2023 20:55

Tgt Ion:180 Resp: 253361
 Ion Ratio Lower Upper
 180 100
 182 91.1 73.1 109.7
 145 31.0 23.8 35.8





#31

Naphthalene

Concen: 44.059 ng

RT: 8.098 min Scan# 1023

Delta R.T. -0.006 min

Lab File: BF136439.D

Acq: 06 Dec 2023 20:55

Instrument :

BNA_F

ClientSampleId :

SPRING-VALLEY-TP-3MS

Tgt Ion:128 Resp: 809770

Ion Ratio Lower Upper

128 100

129 10.6 8.3 12.5

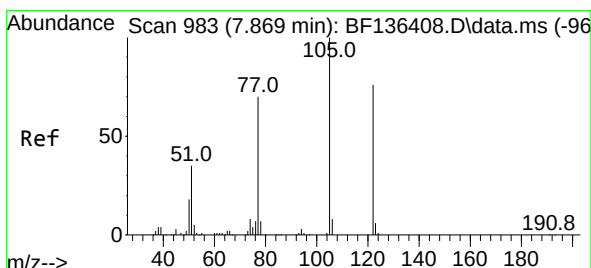
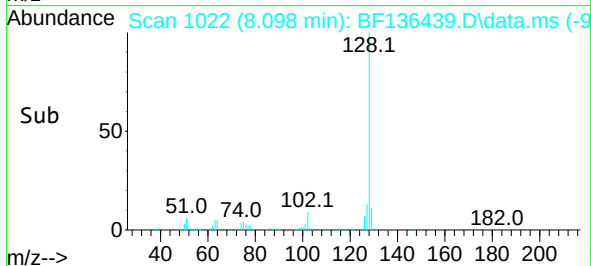
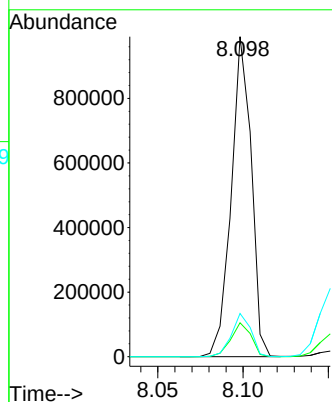
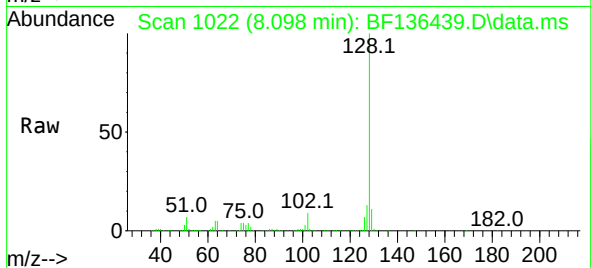
127 13.5 11.1 16.7

Manual Integrations

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Reviewed By :Yogesh Patel 12/07/2023

Supervised By :mohammad ahmed 12/07/2023



#32

Benzoic acid

Concen: 43.611 ng

RT: 7.857 min Scan# 981

Delta R.T. -0.012 min

Lab File: BF136439.D

Acq: 06 Dec 2023 20:55

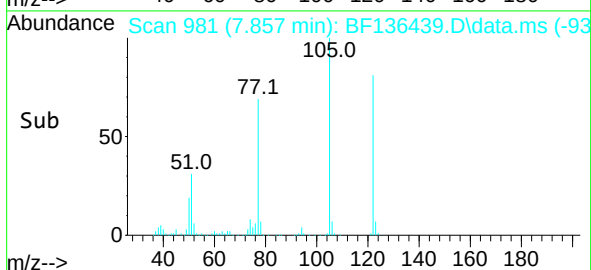
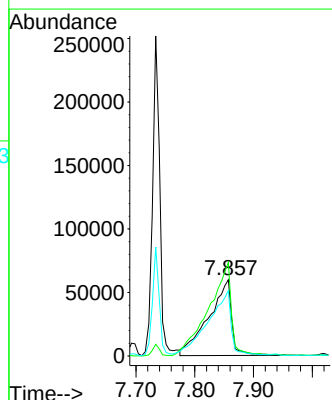
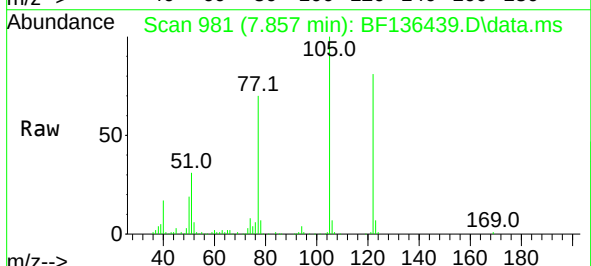
Tgt Ion:122 Resp: 162648

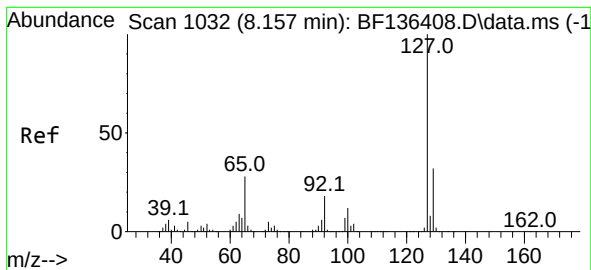
Ion Ratio Lower Upper

122 100

105 122.9 104.7 144.7

77 85.8 68.5 108.5





#33

4-Chloroaniline

Concen: 31.805 ng

RT: 8.151 min Scan# 1031

Delta R.T. -0.006 min

Lab File: BF136439.D

Acq: 06 Dec 2023 20:55

Instrument :

BNA_F

ClientSampleId :

SPRING-VALLEY-TP-3MS

Tgt Ion:127 Resp: 208400

Ion Ratio Lower Upper

127 100

129 33.4 25.4 38.2

65 26.7 22.5 33.7

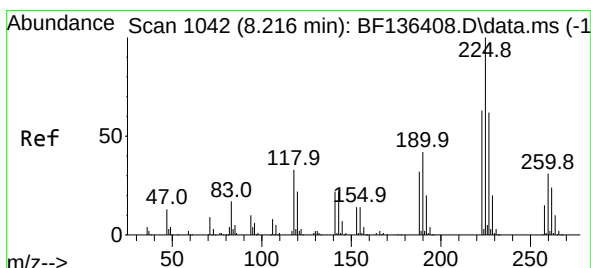
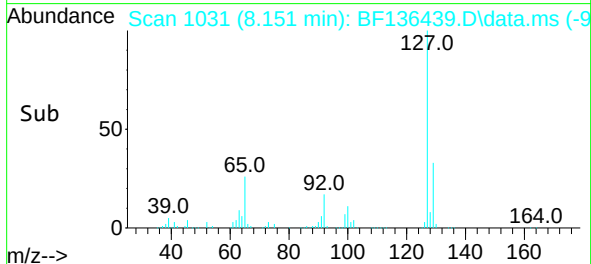
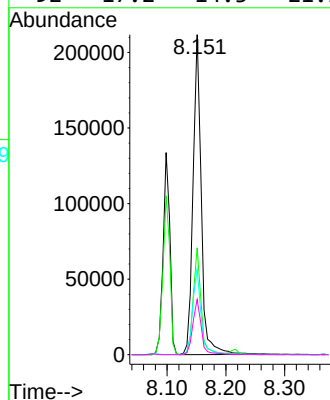
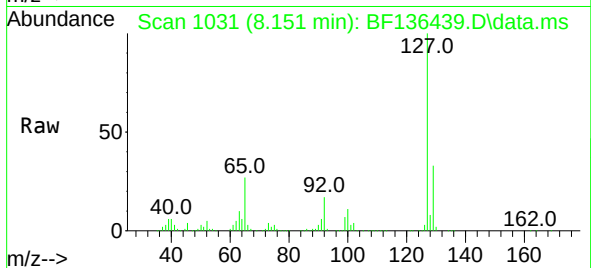
92 17.2 14.3 21.5

Manual Integrations

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Reviewed By :Yogesh Patel 12/07/2023

Supervised By :mohammad ahmed 12/07/2023



#34

Hexachlorobutadiene

Concen: 42.817 ng

RT: 8.216 min Scan# 1042

Delta R.T. -0.000 min

Lab File: BF136439.D

Acq: 06 Dec 2023 20:55

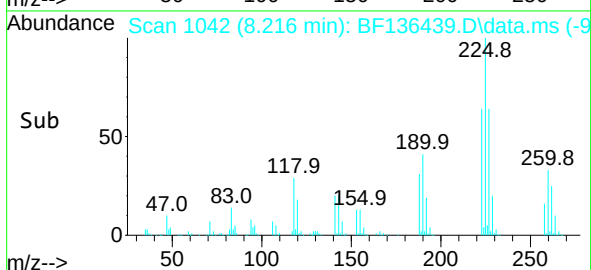
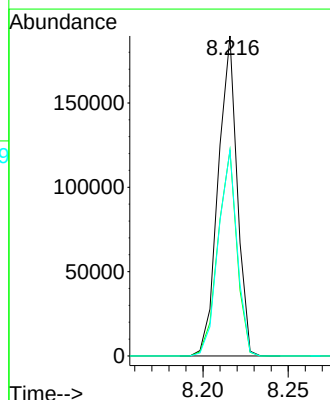
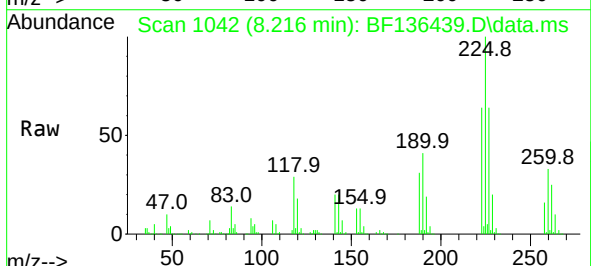
Tgt Ion:225 Resp: 146831

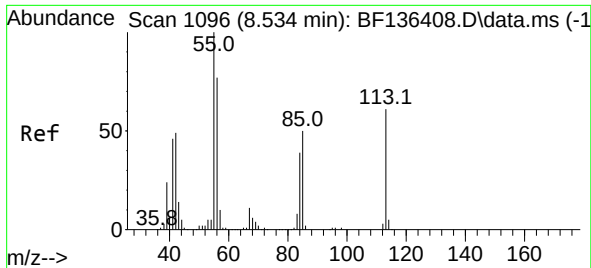
Ion Ratio Lower Upper

225 100

223 64.3 50.8 76.2

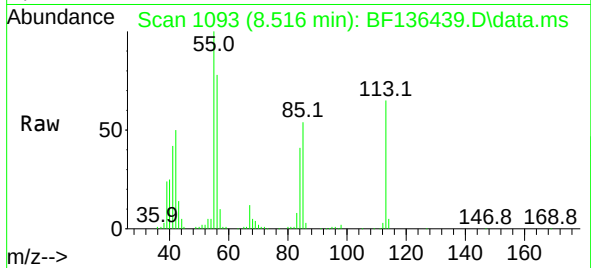
227 64.3 49.8 74.8





#35
Caprolactam
Concen: 45.676 ng m
RT: 8.516 min Scan# 1093
Delta R.T. -0.018 min
Lab File: BF136439.D
Acq: 06 Dec 2023 20:55

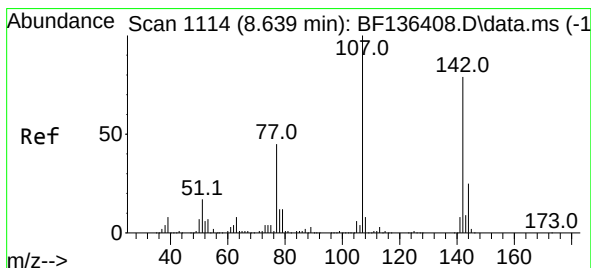
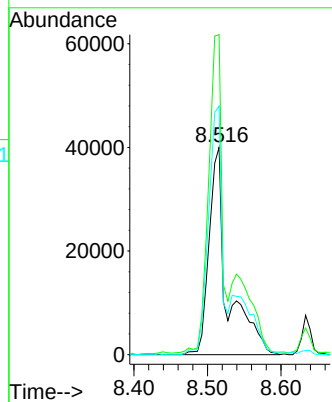
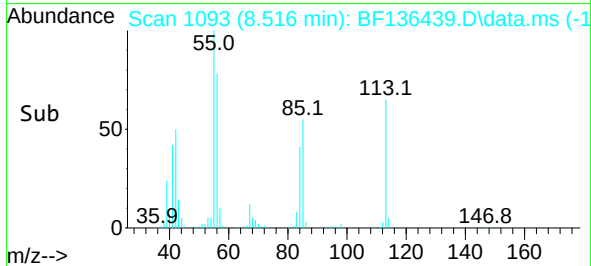
Instrument :
BNA_F
ClientSampleId :
SPRING-VALLEY-TP-3MS



Tgt Ion:113 Resp: 6980
Ion Ratio Lower Upper
113 100
55 154.3 143.7 183.7
56 119.9 105.2 145.2

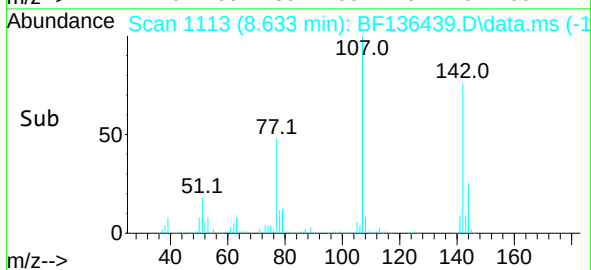
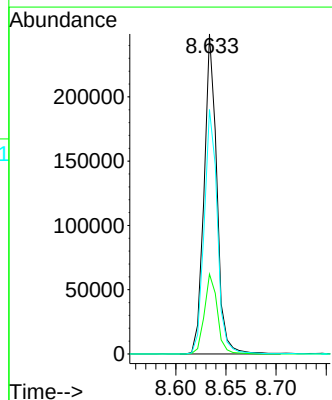
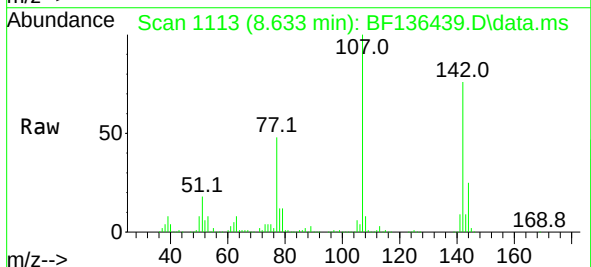
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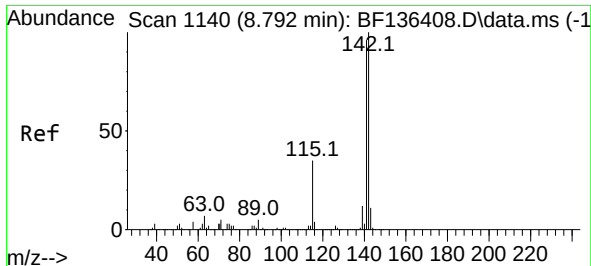
Reviewed By :Yogesh Patel 12/07/2023
Supervised By :mohammad ahmed 12/07/2023



#36
4-Chloro-3-methylphenol
Concen: 41.992 ng
RT: 8.633 min Scan# 1113
Delta R.T. -0.006 min
Lab File: BF136439.D
Acq: 06 Dec 2023 20:55

Tgt Ion:107 Resp: 221252
Ion Ratio Lower Upper
107 100
144 24.9 20.1 30.1
142 76.4 63.1 94.7





#37

2-Methylnaphthalene

Concen: 41.477 ng

RT: 8.792 min Scan# 1140

Delta R.T. -0.000 min

Lab File: BF136439.D

Acq: 06 Dec 2023 20:55

Instrument :

BNA_F

ClientSampleId :

SPRING-VALLEY-TP-3MS

Tgt Ion:142 Resp: 48497

Ion Ratio Lower Upper

142 100

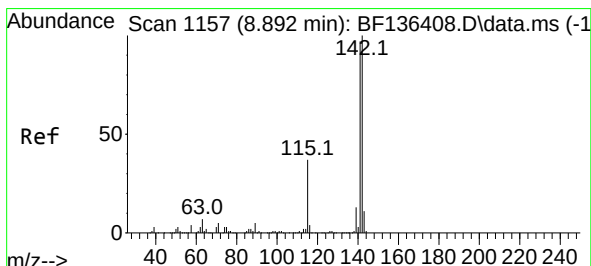
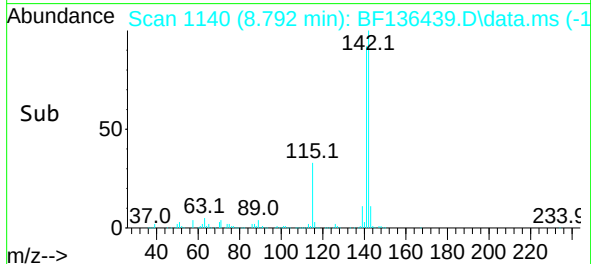
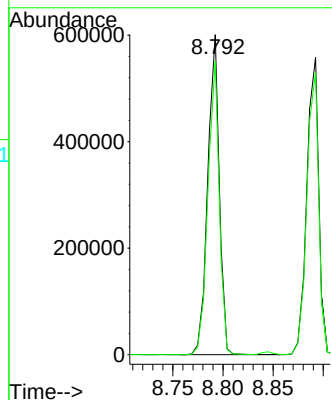
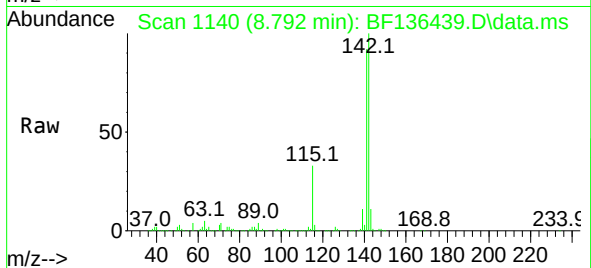
141 91.6 76.4 114.6

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APPROVED

Reviewed By :Yogesh Patel 12/07/2023

Supervised By :mohammad ahmed 12/07/2023



#38

1-Methylnaphthalene

Concen: 40.264 ng

RT: 8.892 min Scan# 1157

Delta R.T. -0.000 min

Lab File: BF136439.D

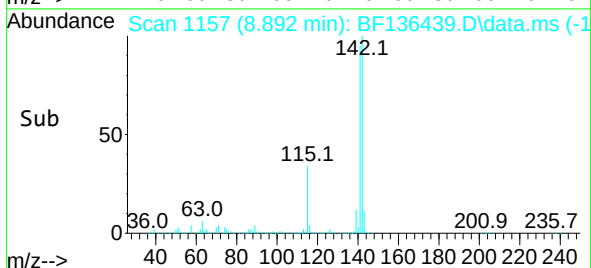
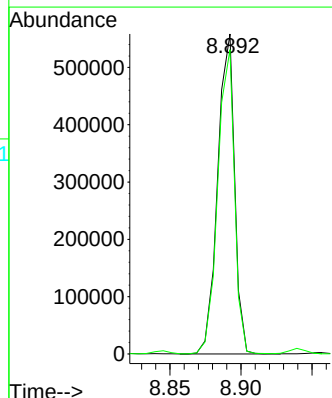
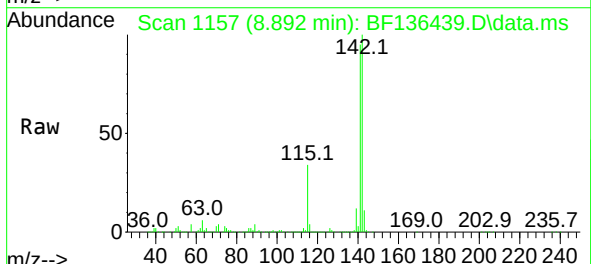
Acq: 06 Dec 2023 20:55

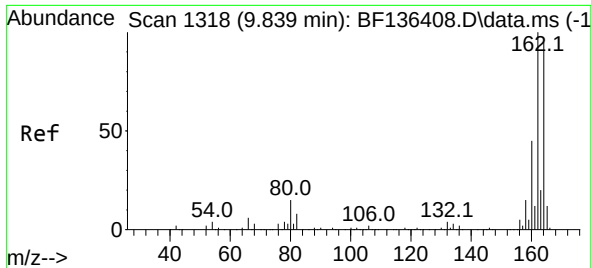
Tgt Ion:142 Resp: 461977

Ion Ratio Lower Upper

142 100

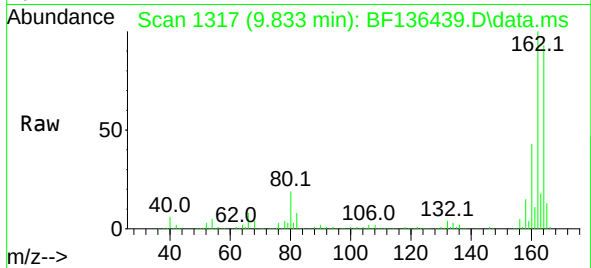
141 95.1 77.7 116.5





#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.833 min Scan# 1167
Delta R.T. -0.006 min
Lab File: BF136439.D
Acq: 06 Dec 2023 20:55

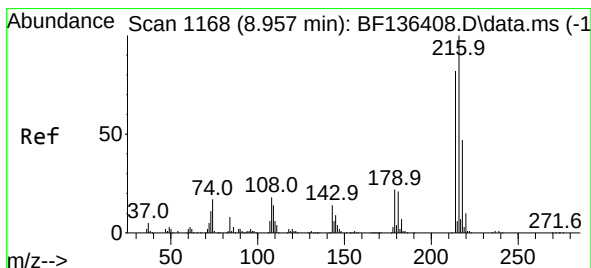
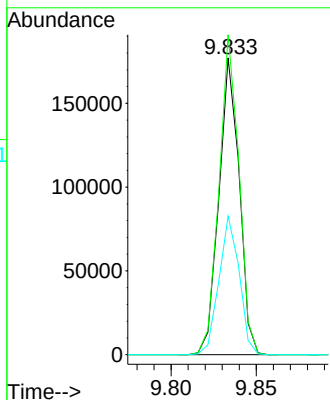
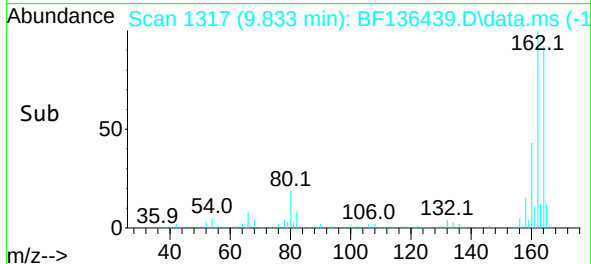
Instrument :
BNA_F
ClientSampleId :
SPRING-VALLEY-TP-3MS



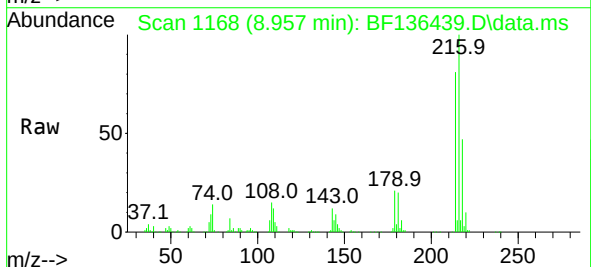
Tgt Ion:164 Resp: 147024
Ion Ratio Lower Upper
164 100
162 107.8 84.4 126.6
160 46.7 37.6 56.4

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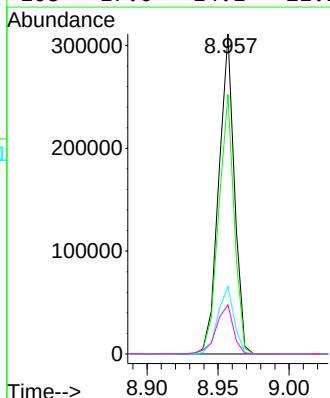
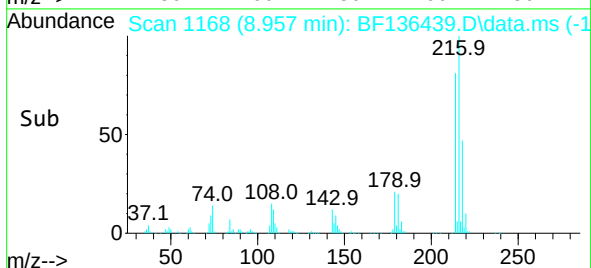
Reviewed By :Yogesh Patel 12/07/2023
Supervised By :mohammad ahmed 12/07/2023

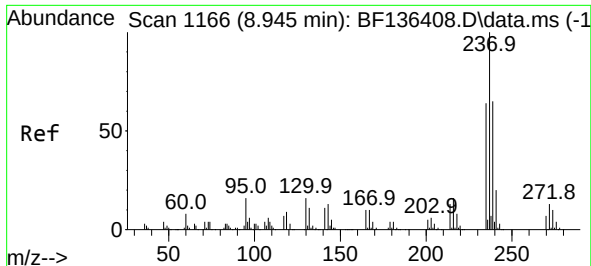


#40
1,2,4,5-Tetrachlorobenzene
Concen: 51.795 ng
RT: 8.957 min Scan# 1168
Delta R.T. -0.000 min
Lab File: BF136439.D
Acq: 06 Dec 2023 20:55



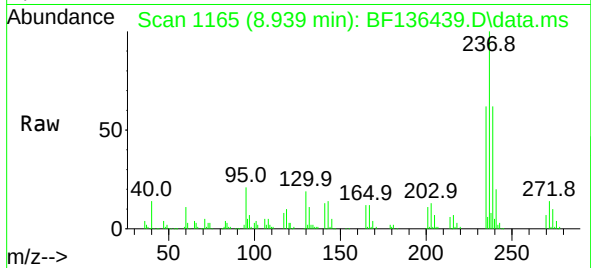
Tgt Ion:216 Resp: 236919
Ion Ratio Lower Upper
216 100
214 80.6 64.1 96.1
179 22.0 17.0 25.6
108 17.0 14.1 21.1





#41
Hexachlorocyclopentadiene
Concen: 36.411 ng
RT: 8.939 min Scan# 1165
Delta R.T. -0.006 min
Lab File: BF136439.D
Acq: 06 Dec 2023 20:55

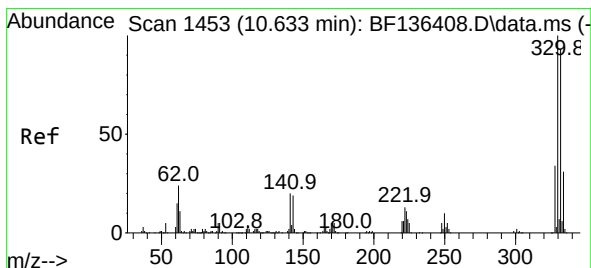
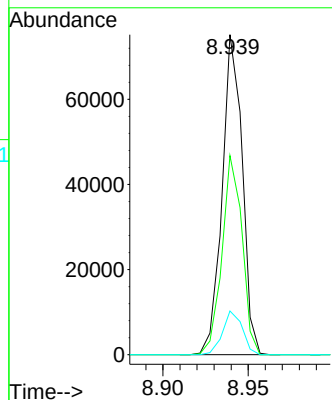
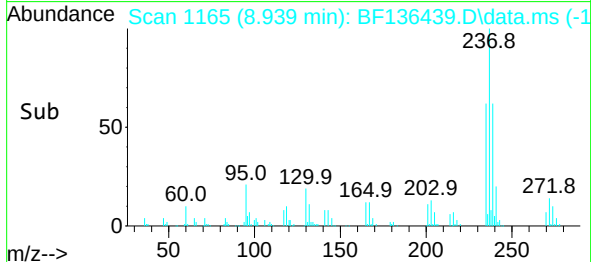
Instrument :
BNA_F
ClientSampleId :
SPRING-VALLEY-TP-3MS



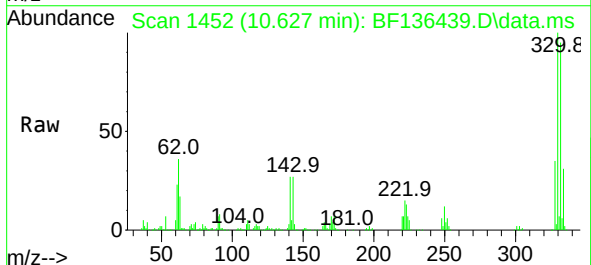
Tgt Ion:237 Resp: 61702
Ion Ratio Lower Upper
237 100
235 62.2 44.1 84.1
272 13.7 0.0 33.3

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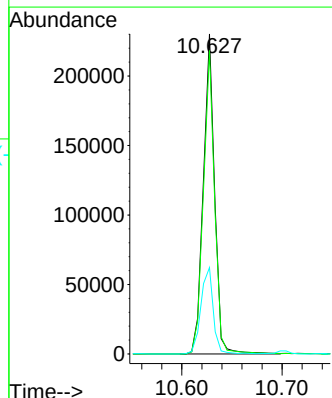
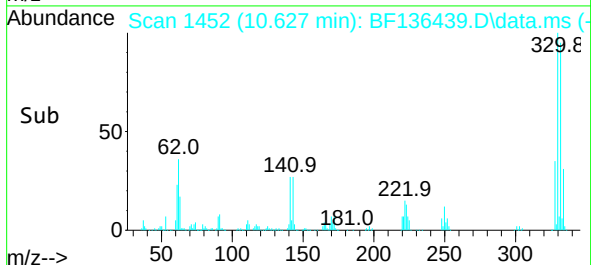
Reviewed By :Yogesh Patel 12/07/2023
Supervised By :mohammad ahmed 12/07/2023

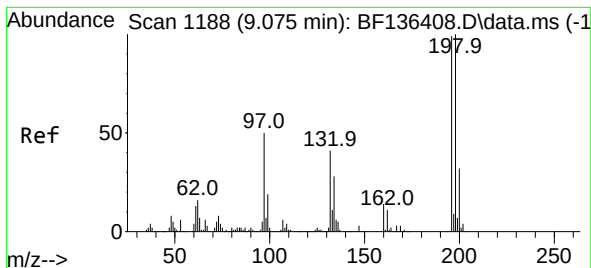


#42
2,4,6-Tribromophenol
Concen: 99.942 ng
RT: 10.627 min Scan# 1452
Delta R.T. -0.006 min
Lab File: BF136439.D
Acq: 06 Dec 2023 20:55



Tgt Ion:330 Resp: 181177
Ion Ratio Lower Upper
330 100
332 94.5 76.4 114.6
141 29.6 23.4 35.2





#43

2,4,6-Trichlorophenol

Concen: 48.870 ng

RT: 9.069 min Scan# 1187

Delta R.T. -0.006 min

Lab File: BF136439.D

Acq: 06 Dec 2023 20:55

Instrument :

BNA_F

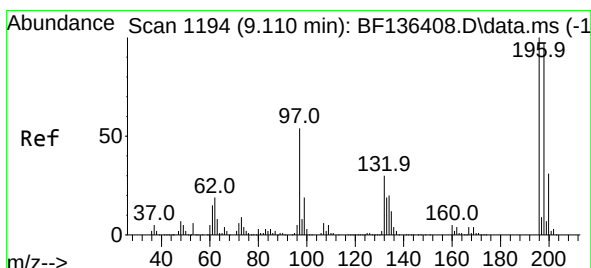
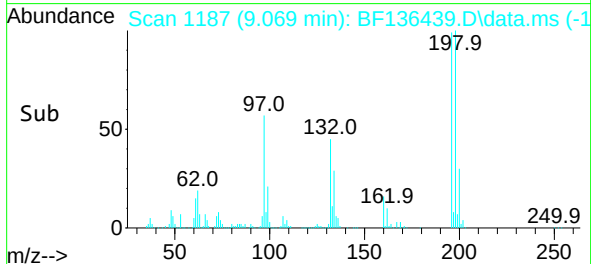
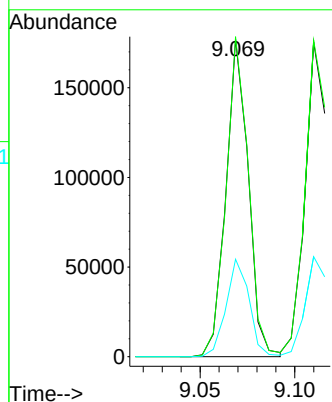
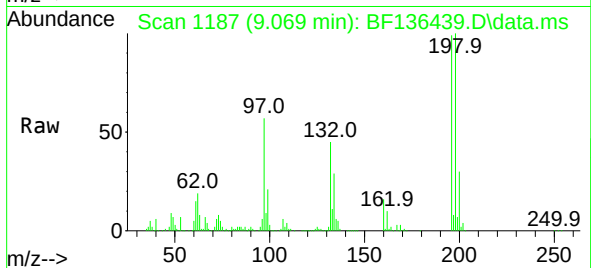
ClientSampleId :

SPRING-VALLEY-TP-3MS

Tgt Ion:196 Resp: 145552
 Ion Ratio Lower Upper
 196 100
 198 100.8 80.4 120.6
 200 30.7 25.9 38.9

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



#44

2,4,5-Trichlorophenol

Concen: 46.871 ng

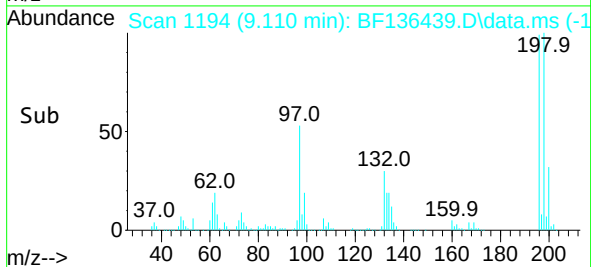
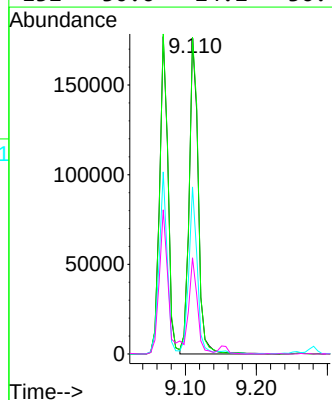
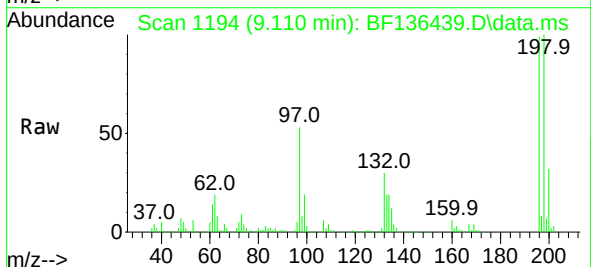
RT: 9.110 min Scan# 1194

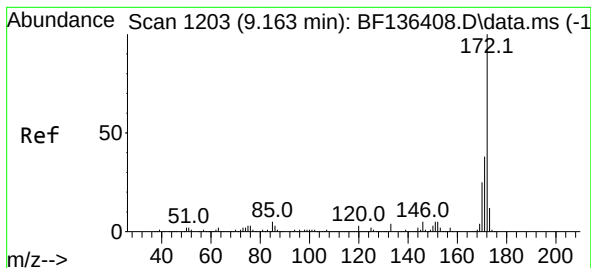
Delta R.T. -0.000 min

Lab File: BF136439.D

Acq: 06 Dec 2023 20:55

Tgt Ion:196 Resp: 155806
 Ion Ratio Lower Upper
 196 100
 198 100.7 78.1 117.1
 97 53.1 43.4 65.2
 132 30.6 24.2 36.4





#45

2-Fluorobiphenyl

Concen: 71.298 ng

RT: 9.157 min Scan# 1202

Delta R.T. -0.006 min

Lab File: BF136439.D

Acq: 06 Dec 2023 20:55

Instrument :

BNA_F

ClientSampleId :

SPRING-VALLEY-TP-3MS

Tgt Ion:172 Resp: 768228

Ion Ratio Lower Upper

172 100

171 36.2 30.5 45.7

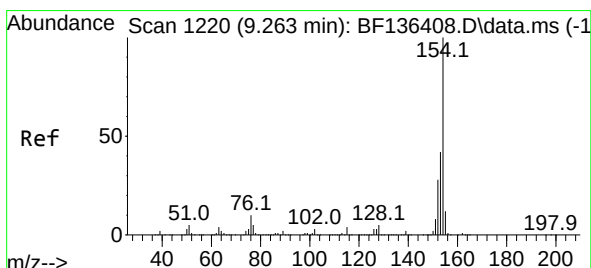
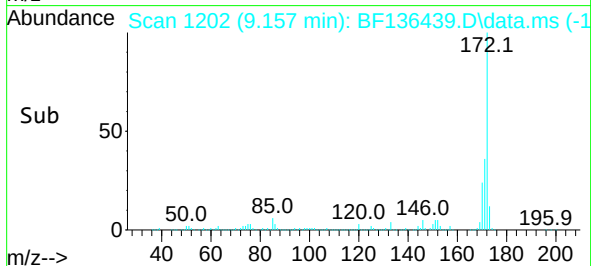
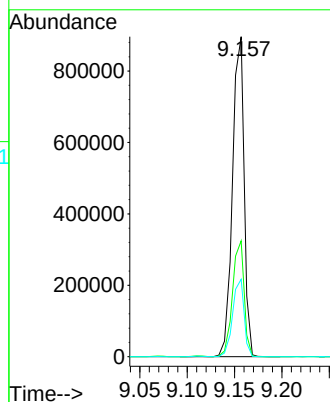
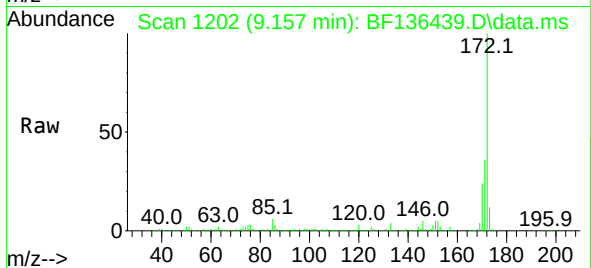
170 24.2 19.9 29.9

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 12/07/2023

Supervised By :mohammad ahmed 12/07/2023



#46

1,1'-Biphenyl

Concen: 49.985 ng

RT: 9.257 min Scan# 1219

Delta R.T. -0.006 min

Lab File: BF136439.D

Acq: 06 Dec 2023 20:55

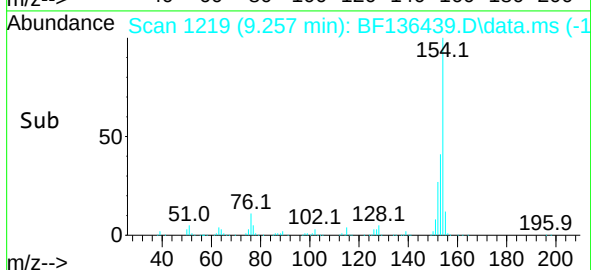
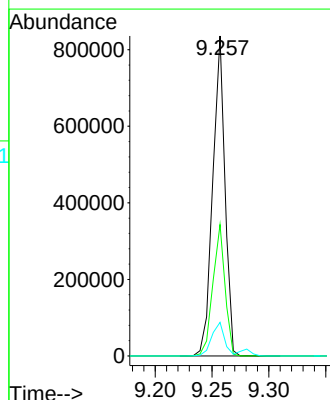
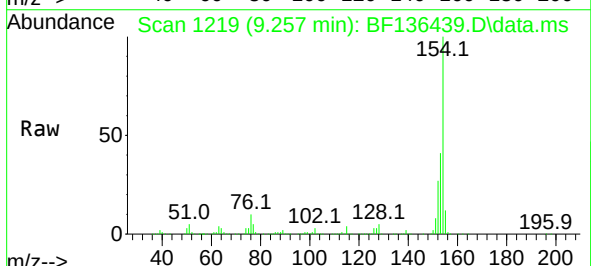
Tgt Ion:154 Resp: 625328

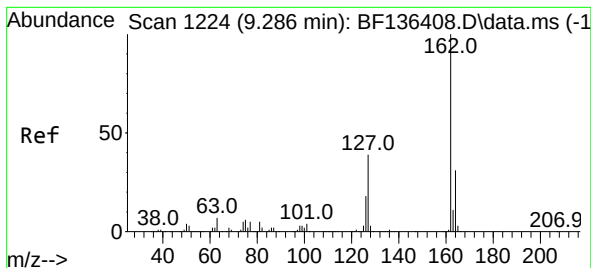
Ion Ratio Lower Upper

154 100

153 41.1 22.5 62.5

76 10.5 0.0 29.9





#47

2-Chloronaphthalene

Concen: 47.488 ng

RT: 9.281 min Scan# 11

Delta R.T. -0.006 min

Lab File: BF136439.D

Acq: 06 Dec 2023 20:55

Instrument :

BNA_F

ClientSampleId :

SPRING-VALLEY-TP-3MS

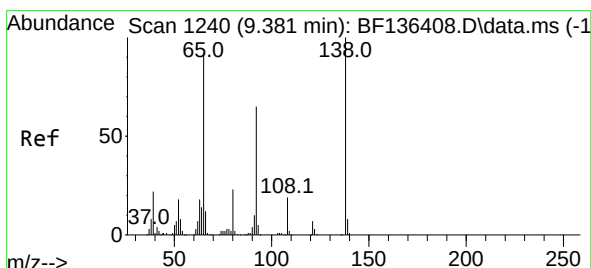
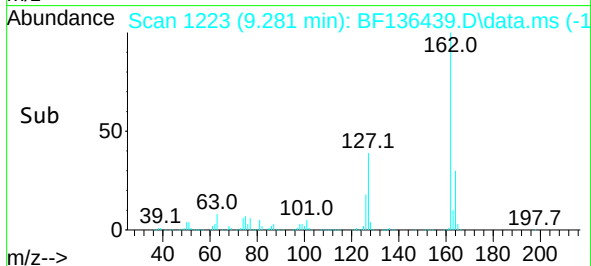
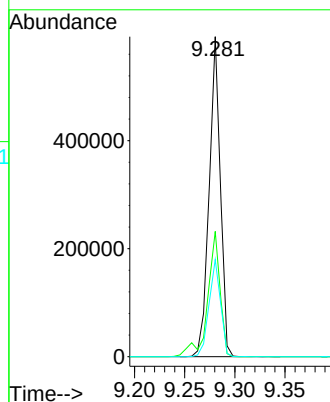
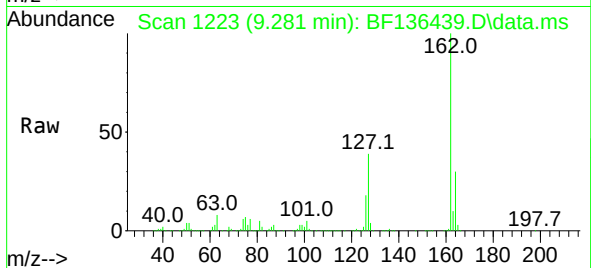
Tgt Ion:162 Resp: 462389
 Ion Ratio Lower Upper
 162 100
 127 39.1 31.1 46.7
 164 30.4 24.6 37.0

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 12/07/2023

Supervised By :mohammad ahmed 12/07/2023



#48

2-Nitroaniline

Concen: 51.456 ng

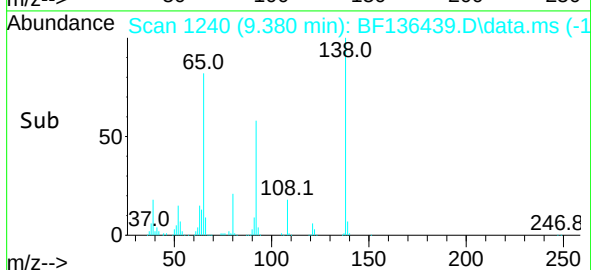
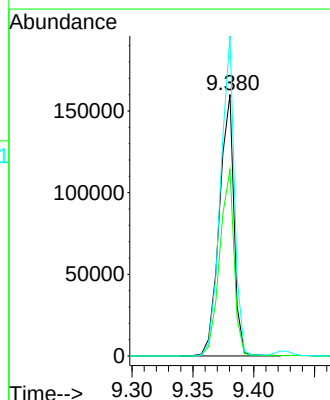
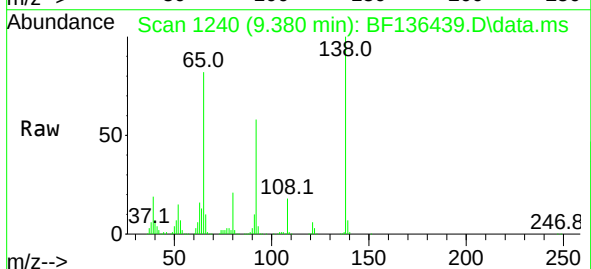
RT: 9.380 min Scan# 1240

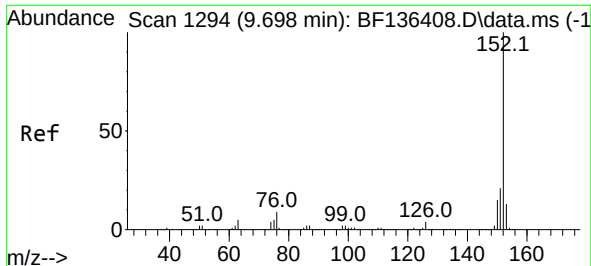
Delta R.T. -0.000 min

Lab File: BF136439.D

Acq: 06 Dec 2023 20:55

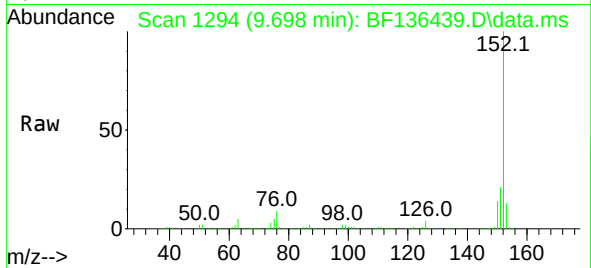
Tgt Ion: 65 Resp: 134378
 Ion Ratio Lower Upper
 65 100
 92 71.3 56.1 84.1
 138 122.4 86.7 130.1





#49
Acenaphthylene
Concen: 50.571 ng
RT: 9.698 min Scan# 1294
Delta R.T. -0.000 min
Lab File: BF136439.D
Acq: 06 Dec 2023 20:55

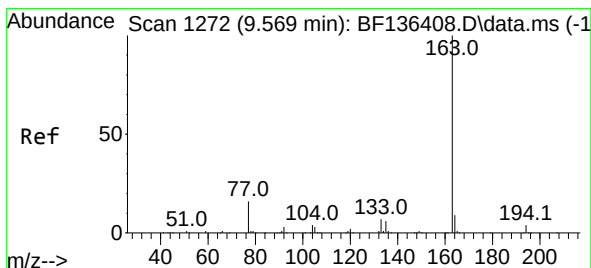
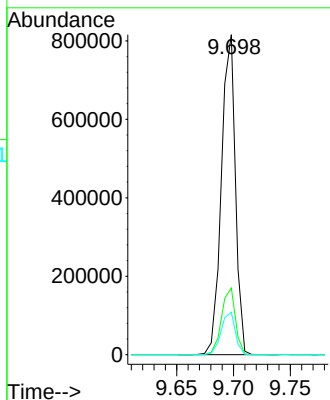
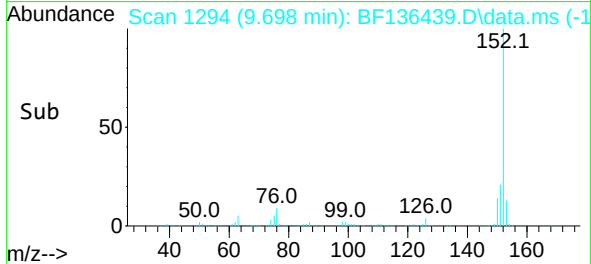
Instrument :
BNA_F
ClientSampleId :
SPRING-VALLEY-TP-3MS



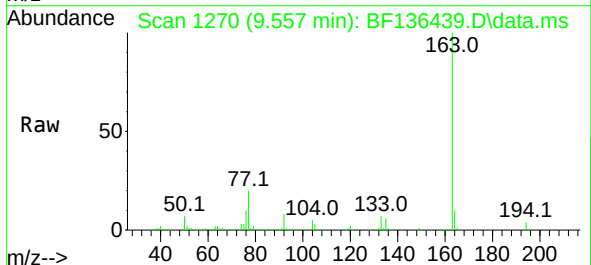
Tgt Ion:152 Resp: 70144
Ion Ratio Lower Upper
152 100
151 20.8 17.2 25.8
153 13.3 10.6 15.8

Manual Integrations
APPROVED

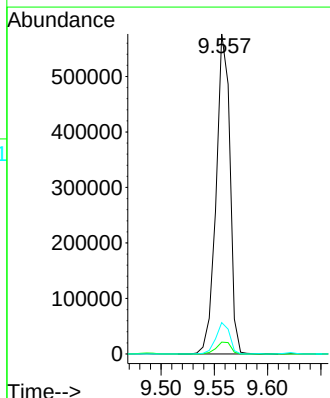
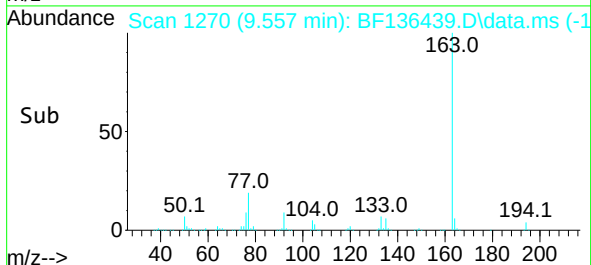
Reviewed By :Yogesh Patel 12/07/2023
Supervised By :mohammad ahmed 12/07/2023

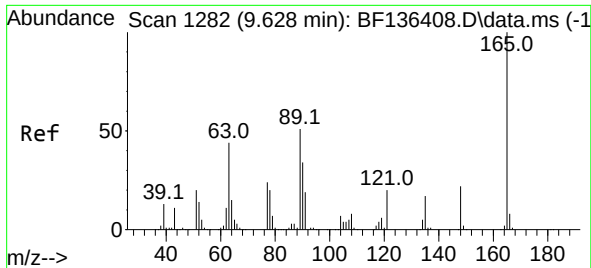


#50
Dimethylphthalate
Concen: 47.818 ng
RT: 9.557 min Scan# 1270
Delta R.T. -0.012 min
Lab File: BF136439.D
Acq: 06 Dec 2023 20:55



Tgt Ion:163 Resp: 517600
Ion Ratio Lower Upper
163 100
194 3.7 3.0 4.6
164 9.8 7.4 11.2





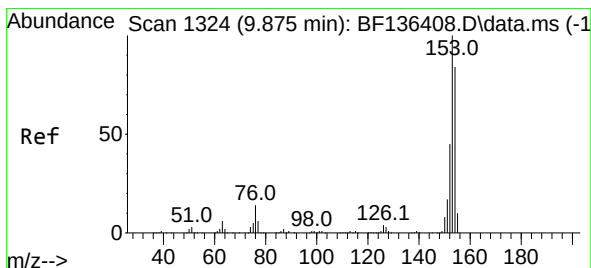
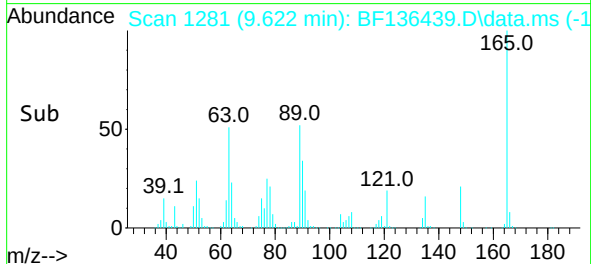
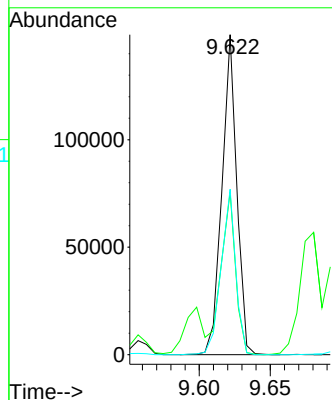
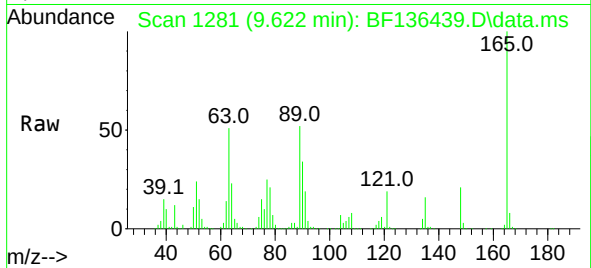
#51
2,6-Dinitrotoluene
Concen: 44.306 ng
RT: 9.622 min Scan# 1282
Delta R.T. -0.006 min
Lab File: BF136439.D
Acq: 06 Dec 2023 20:55

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

Tgt Ion:165 Resp: 10789
Ion Ratio Lower Upper
165 100
63 50.8 40.4 60.6
89 51.7 40.6 60.8

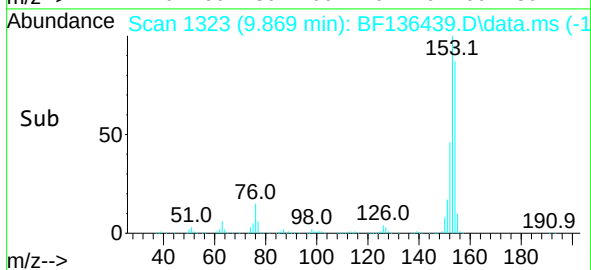
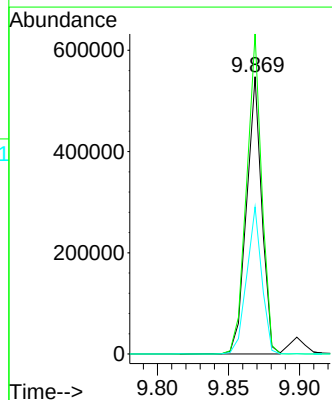
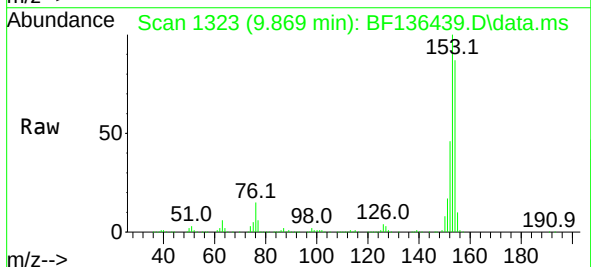
Manual Integrations
APPROVED

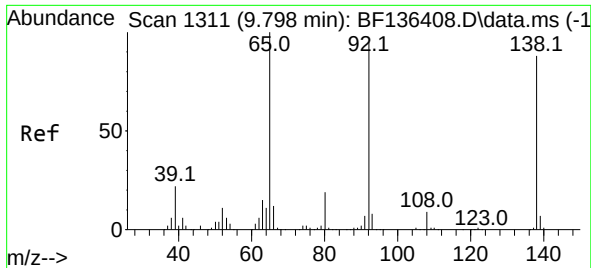
Reviewed By :Yogesh Patel 12/07/2023
Supervised By :mohammad ahmed 12/07/2023



#52
Acenaphthene
Concen: 46.280 ng
RT: 9.869 min Scan# 1323
Delta R.T. -0.006 min
Lab File: BF136439.D
Acq: 06 Dec 2023 20:55

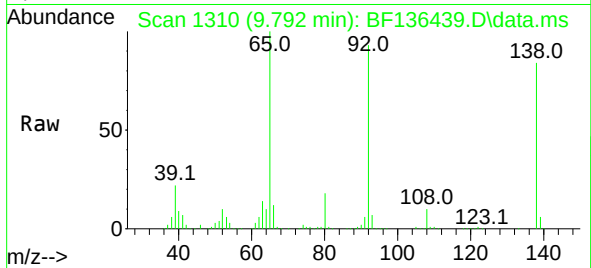
Tgt Ion:154 Resp: 411359
Ion Ratio Lower Upper
154 100
153 115.4 95.3 142.9
152 53.0 43.2 64.8





#53
3-Nitroaniline
Concen: 47.264 ng
RT: 9.792 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF136439.D
Acq: 06 Dec 2023 20:55

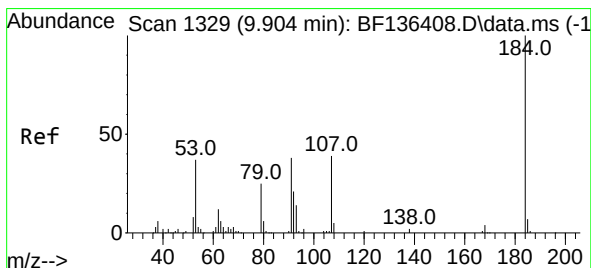
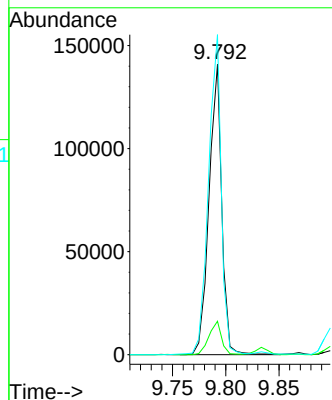
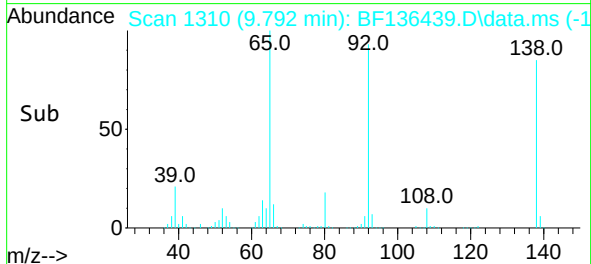
Instrument :
BNA_F
ClientSampleId :
SPRING-VALLEY-TP-3MS



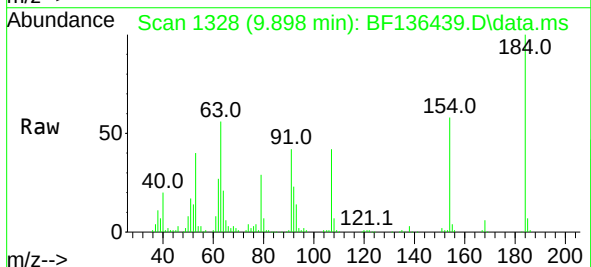
Tgt Ion:138 Resp: 117534
Ion Ratio Lower Upper
138 100
108 11.5 8.5 12.7
92 110.2 86.1 129.1

Manual Integrations
APPROVED

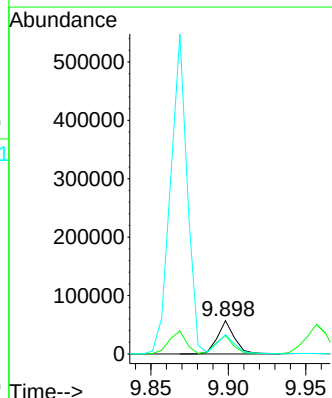
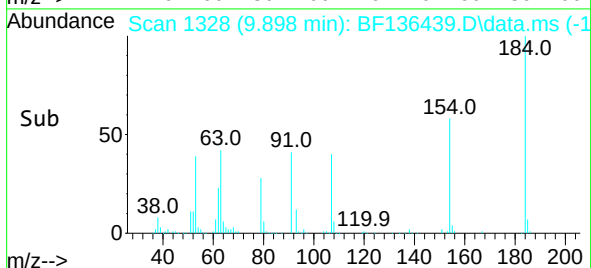
Reviewed By :Yogesh Patel 12/07/2023
Supervised By :mohammad ahmed 12/07/2023

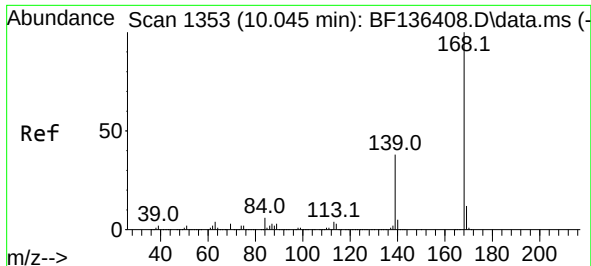


#54
2,4-Dinitrophenol
Concen: 35.525 ng
RT: 9.898 min Scan# 1328
Delta R.T. -0.006 min
Lab File: BF136439.D
Acq: 06 Dec 2023 20:55



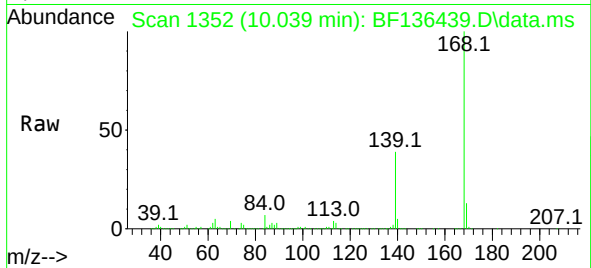
Tgt Ion:184 Resp: 43740
Ion Ratio Lower Upper
184 100
63 55.8 39.1 58.7
154 58.2 49.9 74.9





#55
Dibenzenofuran
Concen: 47.465 ng
RT: 10.039 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF136439.D
Acq: 06 Dec 2023 20:55

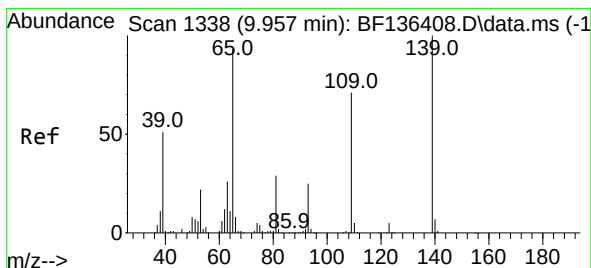
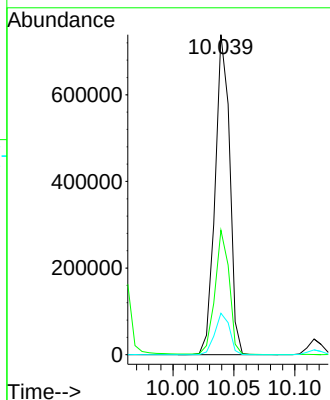
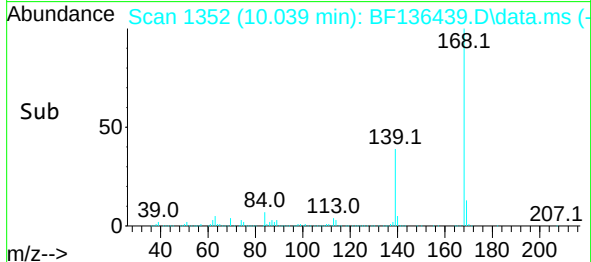
Instrument :
BNA_F
ClientSampleId :
SPRING-VALLEY-TP-3MS



Tgt Ion:168 Resp: 616320
Ion Ratio Lower Upper
168 100
139 38.9 30.4 45.6
169 12.9 9.9 14.9

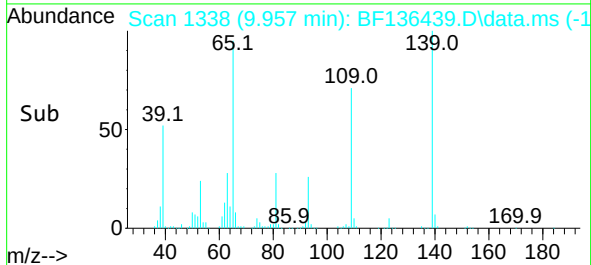
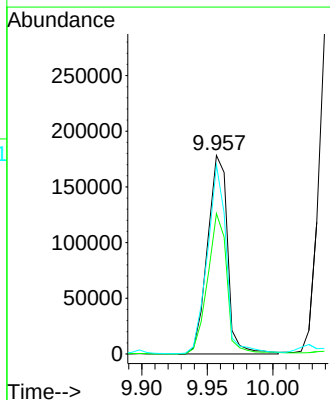
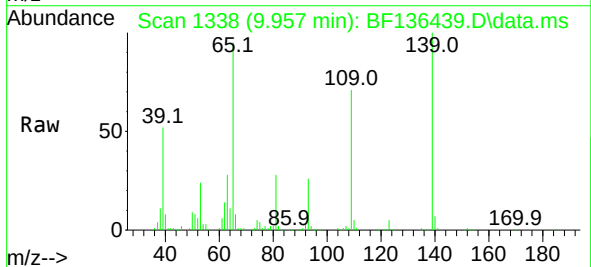
Manual Integrations
APPROVED

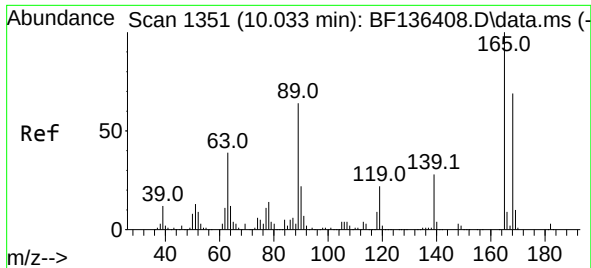
Reviewed By :Yogesh Patel 12/07/2023
Supervised By :mohammad ahmed 12/07/2023



#56
4-Nitrophenol
Concen: 101.735 ng
RT: 9.957 min Scan# 1338
Delta R.T. -0.000 min
Lab File: BF136439.D
Acq: 06 Dec 2023 20:55

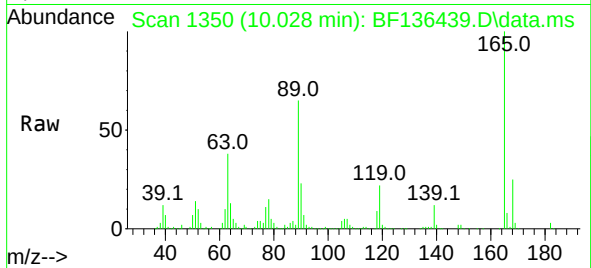
Tgt Ion:139 Resp: 189652
Ion Ratio Lower Upper
139 100
109 70.7 50.6 90.6
65 95.1 73.1 113.1





#57
2,4-Dinitrotoluene
Concen: 43.048 ng
RT: 10.028 min Scan# 1350
Delta R.T. -0.006 min
Lab File: BF136439.D
Acq: 06 Dec 2023 20:55

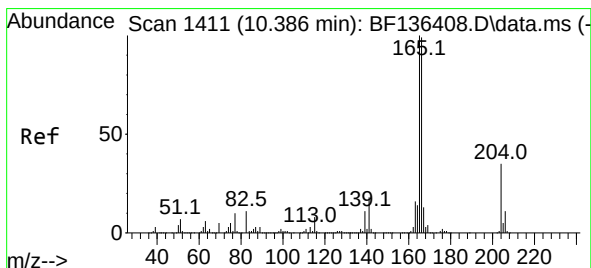
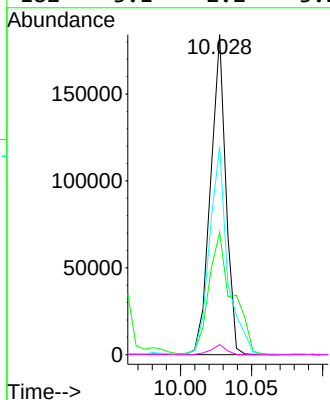
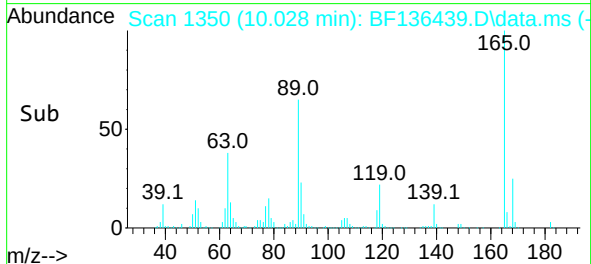
Instrument :
BNA_F
ClientSampleId :
SPRING-VALLEY-TP-3MS



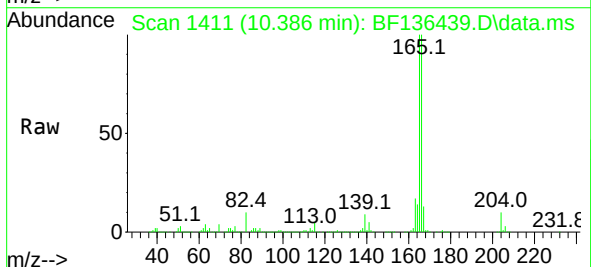
Tgt Ion:165 Resp: 138678
Ion Ratio Lower Upper
165 100
63 38.2 31.4 47.2
89 65.0 51.7 77.5
182 3.1 2.2 3.2

Manual Integrations
APPROVED

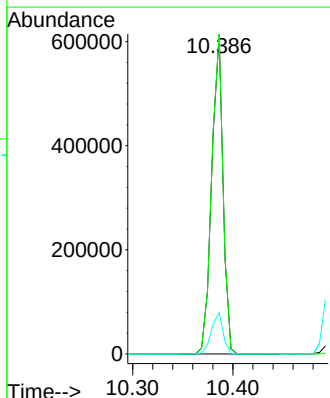
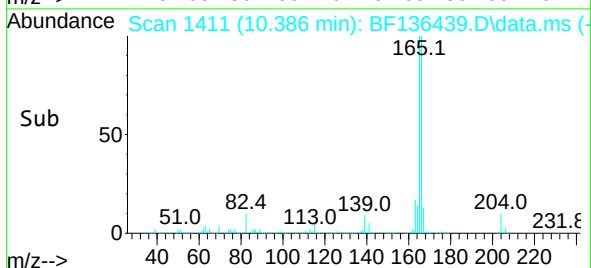
Reviewed By :Yogesh Patel 12/07/2023
Supervised By :mohammad ahmed 12/07/2023

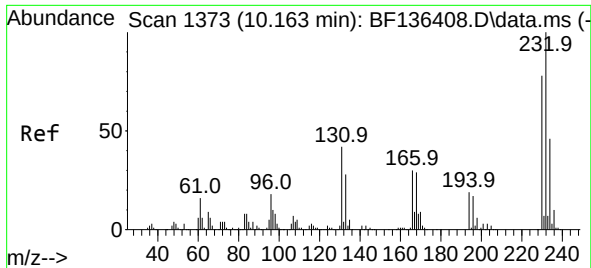


#58
Fluorene
Concen: 46.248 ng
RT: 10.386 min Scan# 1411
Delta R.T. -0.000 min
Lab File: BF136439.D
Acq: 06 Dec 2023 20:55



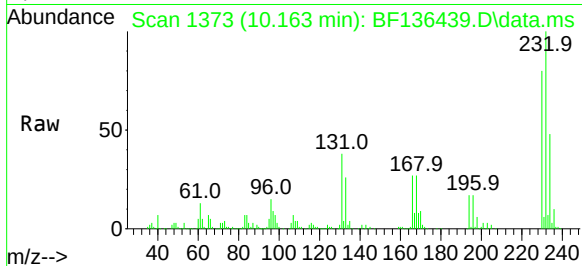
Tgt Ion:166 Resp: 482064
Ion Ratio Lower Upper
166 100
165 100.2 80.5 120.7
167 12.9 10.5 15.7





#59
2,3,4,6-Tetrachlorophenol
Concen: 48.651 ng
RT: 10.163 min Scan# 1373
Delta R.T. -0.000 min
Lab File: BF136439.D
Acq: 06 Dec 2023 20:55

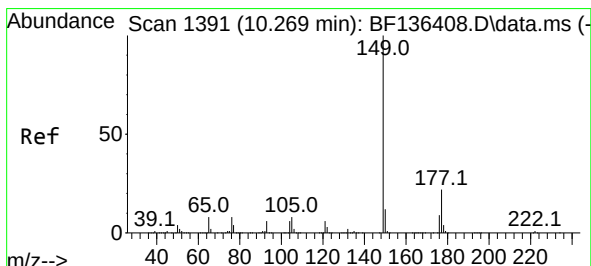
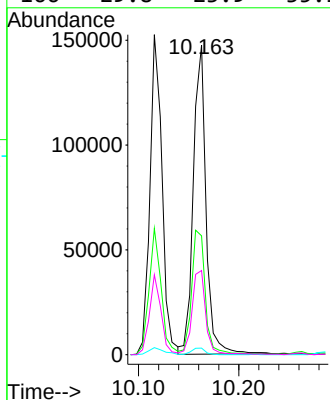
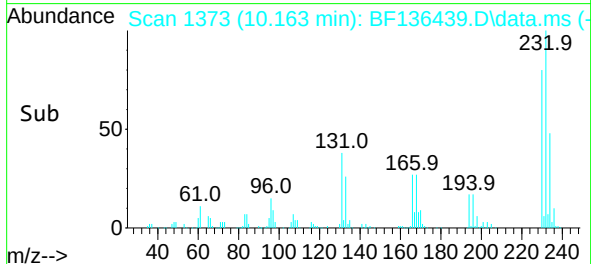
Instrument :
BNA_F
ClientSampleId :
SPRING-VALLEY-TP-3MS



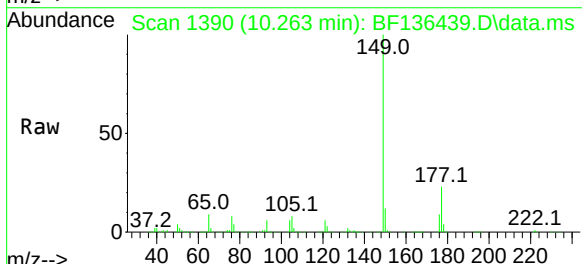
Tgt Ion:232 Resp: 12954
Ion Ratio Lower Upper
232 100
131 43.1 34.3 51.5
130 2.3 1.6 2.4
166 29.8 23.9 35.9

Manual Integrations
APPROVED

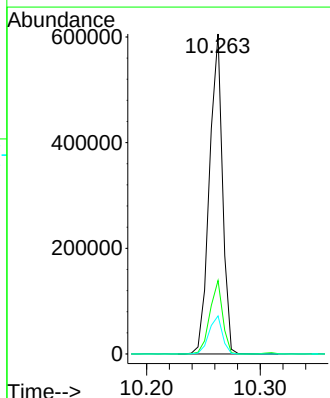
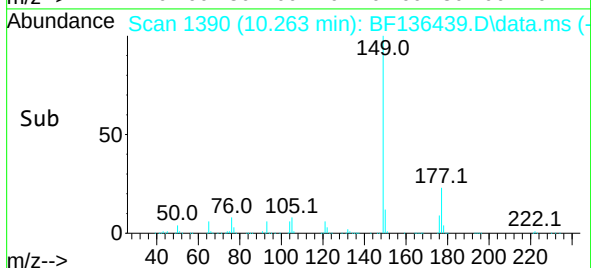
Reviewed By :Yogesh Patel 12/07/2023
Supervised By :mohammad ahmed 12/07/2023

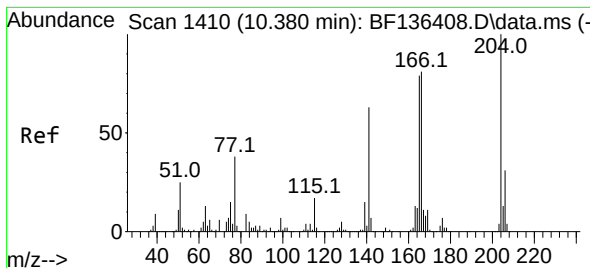


#60
Diethylphthalate
Concen: 45.318 ng
RT: 10.263 min Scan# 1390
Delta R.T. -0.006 min
Lab File: BF136439.D
Acq: 06 Dec 2023 20:55



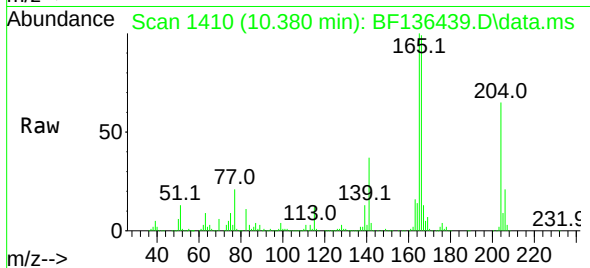
Tgt Ion:149 Resp: 482361
Ion Ratio Lower Upper
149 100
177 22.9 17.8 26.8
150 11.9 9.4 14.0





#61
4-Chlorophenyl-phenylether
Concen: 45.572 ng
RT: 10.380 min Scan# 1410
Delta R.T. -0.000 min
Lab File: BF136439.D
Acq: 06 Dec 2023 20:55

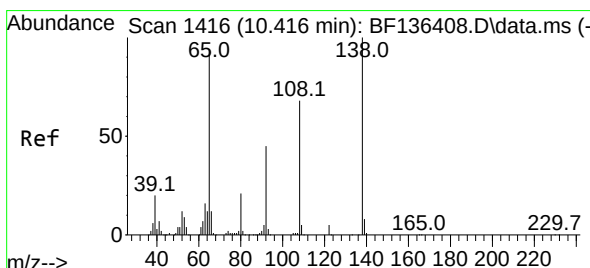
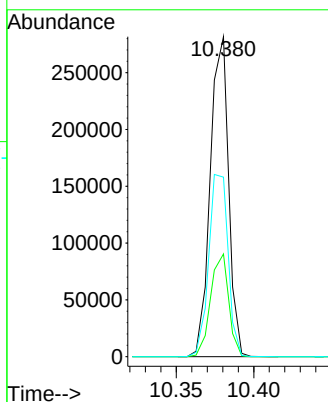
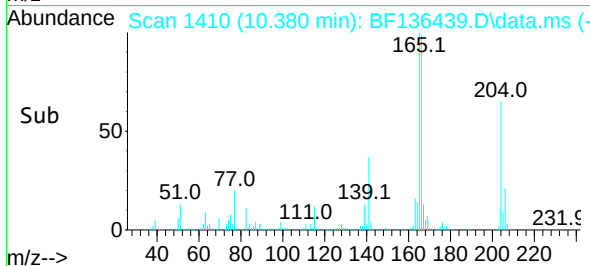
Instrument :
BNA_F
ClientSampleId :
SPRING-VALLEY-TP-3MS



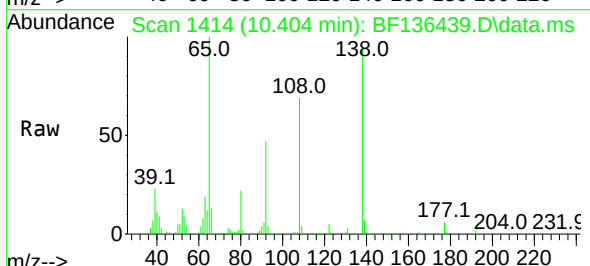
Tgt Ion:204 Resp: 231564
Ion Ratio Lower Upper
204 100
206 32.1 24.6 36.8
141 56.1 50.3 75.5

Manual Integrations
APPROVED

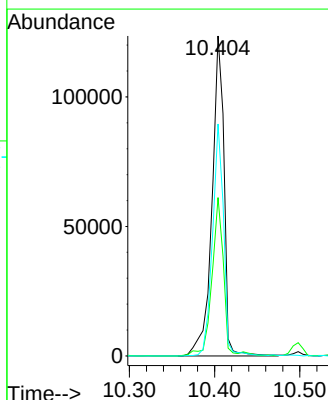
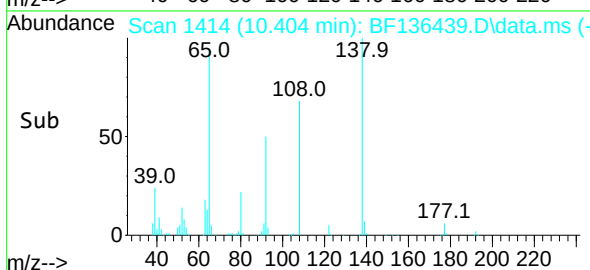
Reviewed By :Yogesh Patel 12/07/2023
Supervised By :mohammad ahmed 12/07/2023

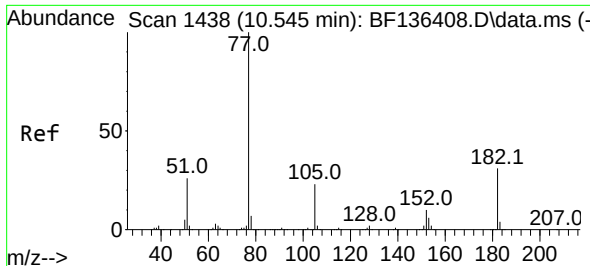


#62
4-Nitroaniline
Concen: 49.239 ng
RT: 10.404 min Scan# 1414
Delta R.T. -0.012 min
Lab File: BF136439.D
Acq: 06 Dec 2023 20:55



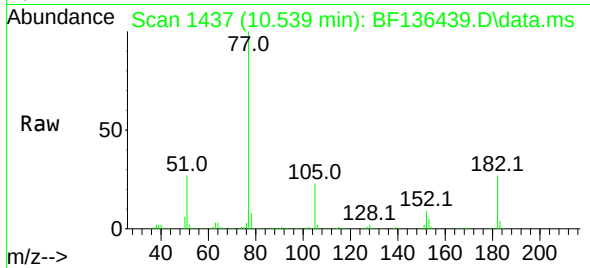
Tgt Ion:138 Resp: 121581
Ion Ratio Lower Upper
138 100
92 49.5 25.0 65.0
108 72.5 47.9 87.9





#63
Azobenzene
Concen: 45.127 ng
RT: 10.539 min Scan# 1438
Delta R.T. -0.006 min
Lab File: BF136439.D
Acq: 06 Dec 2023 20:55

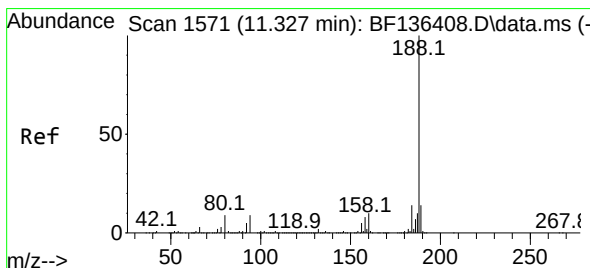
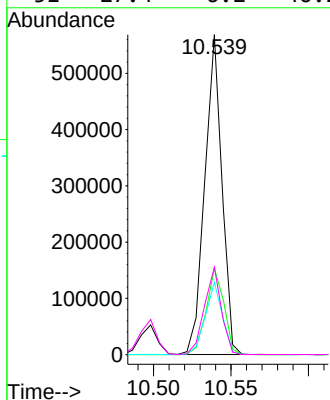
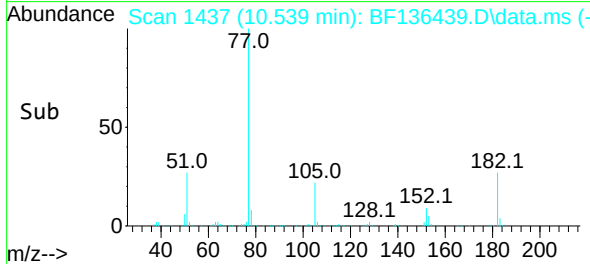
Instrument :
BNA_F
ClientSampleId :
SPRING-VALLEY-TP-3MS



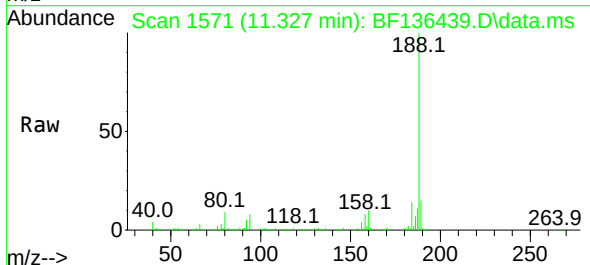
Tgt Ion: 77 Resp: 437198
Ion Ratio Lower Upper
77 100
182 27.0 10.8 50.8
105 22.6 2.6 42.6
51 27.4 6.2 46.2

Manual Integrations
APPROVED

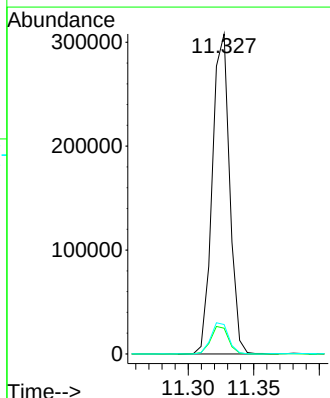
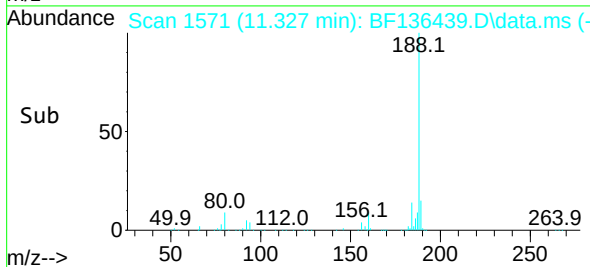
Reviewed By :Yogesh Patel 12/07/2023
Supervised By :mohammad ahmed 12/07/2023

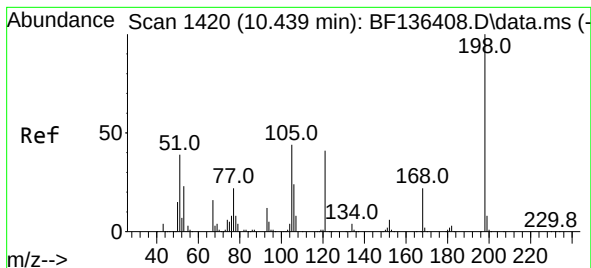


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.327 min Scan# 1571
Delta R.T. -0.000 min
Lab File: BF136439.D
Acq: 06 Dec 2023 20:55



Tgt Ion:188 Resp: 282484
Ion Ratio Lower Upper
188 100
94 8.0 7.2 10.8
80 9.2 7.2 10.8





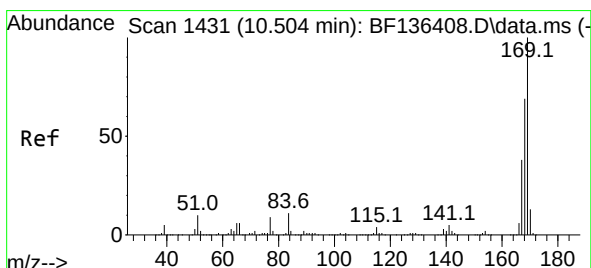
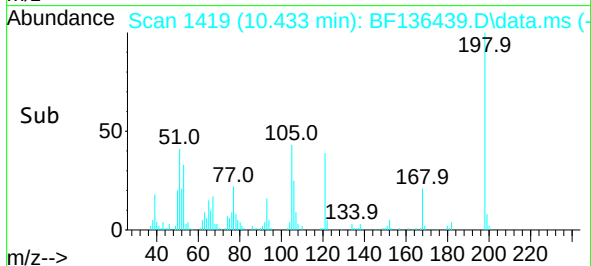
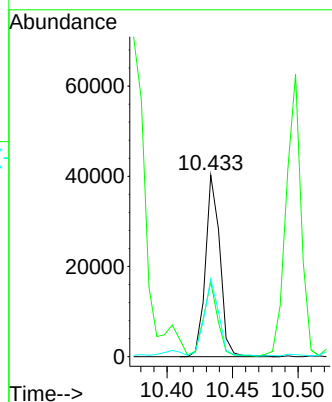
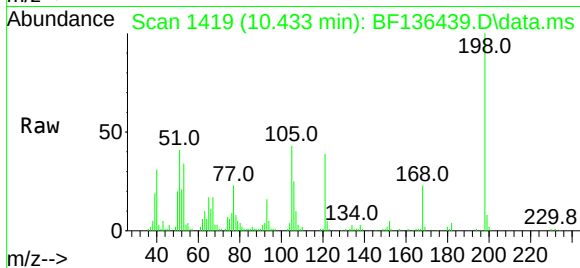
#65
4,6-Dinitro-2-methylphenol
Concen: 17.644 ng
RT: 10.433 min Scan# 1419
Delta R.T. -0.006 min
Lab File: BF136439.D
Acq: 06 Dec 2023 20:55

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

Tgt Ion:198 Resp: 3086
Ion Ratio Lower Upper
198 100
51 41.1 24.1 64.1
105 42.8 24.8 64.8

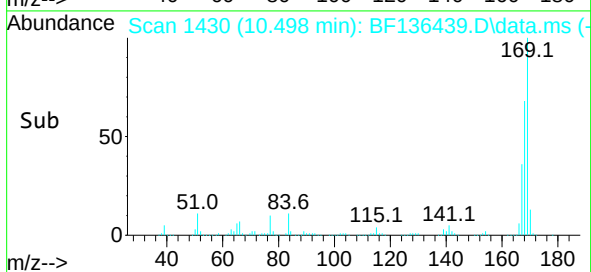
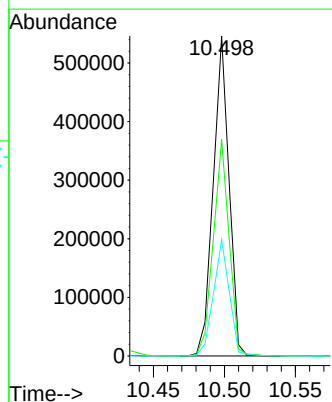
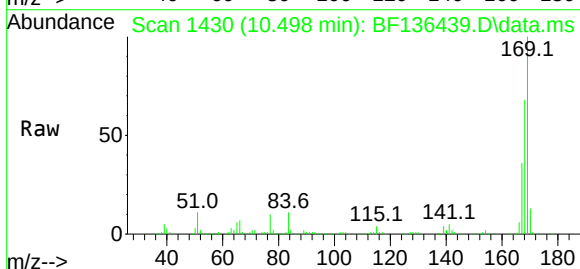
Manual Integrations
APPROVED

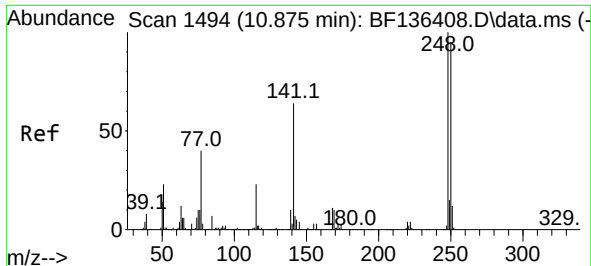
Reviewed By :Yogesh Patel 12/07/2023
Supervised By :mohammad ahmed 12/07/2023



#66
n-Nitrosodiphenylamine
Concen: 46.501 ng
RT: 10.498 min Scan# 1430
Delta R.T. -0.006 min
Lab File: BF136439.D
Acq: 06 Dec 2023 20:55

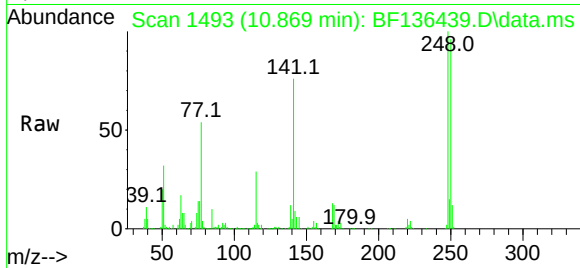
Tgt Ion:169 Resp: 421502
Ion Ratio Lower Upper
169 100
168 67.6 55.3 82.9
167 36.4 30.1 45.1





#67
4-Bromophenyl-phenylether
Concen: 43.391 ng
RT: 10.869 min Scan# 1493
Delta R.T. -0.006 min
Lab File: BF136439.D
Acq: 06 Dec 2023 20:55

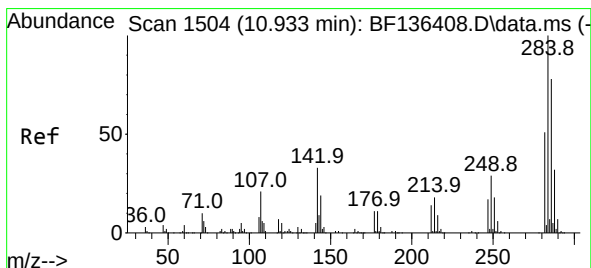
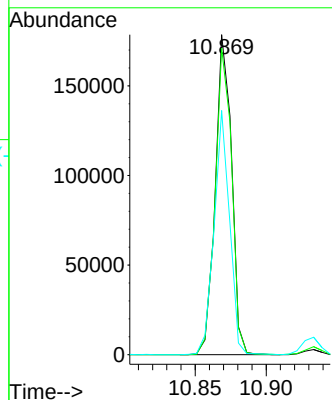
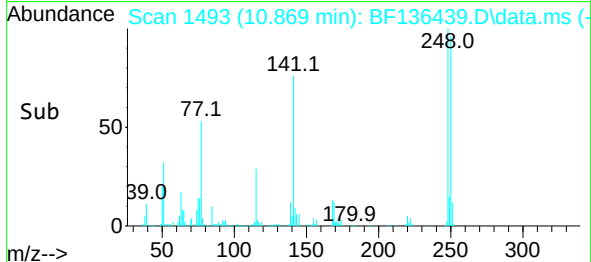
Instrument :
BNA_F
ClientSampleId :
SPRING-VALLEY-TP-3MS



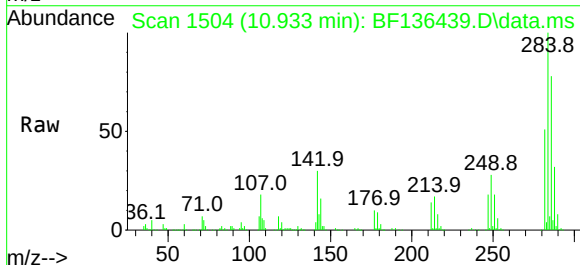
Tgt Ion:248 Resp: 14251
Ion Ratio Lower Upper
248 100
250 95.8 76.2 114.2
141 76.3 51.0 76.4

Manual Integrations
APPROVED

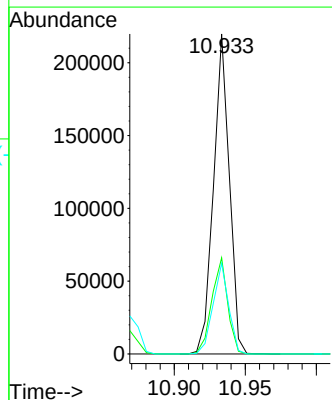
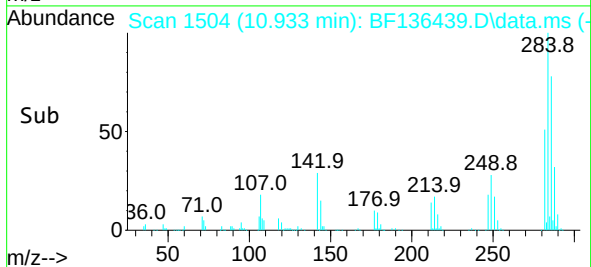
Reviewed By :Yogesh Patel 12/07/2023
Supervised By :mohammad ahmed 12/07/2023

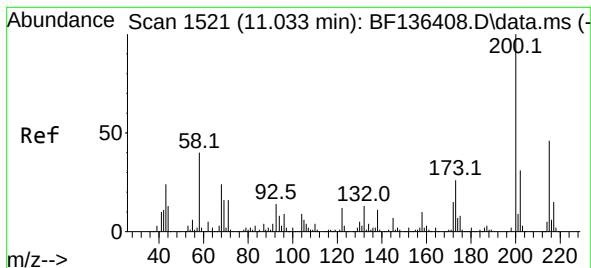


#68
Hexachlorobenzene
Concen: 44.755 ng
RT: 10.933 min Scan# 1504
Delta R.T. -0.000 min
Lab File: BF136439.D
Acq: 06 Dec 2023 20:55



Tgt Ion:284 Resp: 169888
Ion Ratio Lower Upper
284 100
142 30.0 26.5 39.7
249 28.3 23.4 35.0





#69

Atrazine

Concen: 52.092 ng

RT: 11.033 min Scan# 11033

Delta R.T. -0.000 min

Lab File: BF136439.D

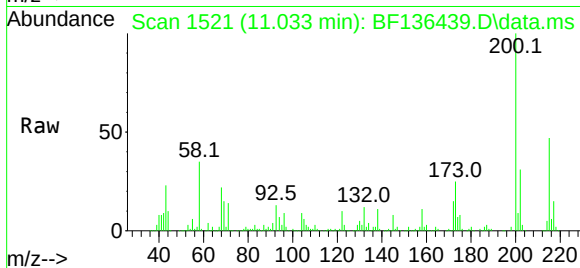
Acq: 06 Dec 2023 20:55

Instrument :

BNA_F

ClientSampleId :

SPRING-VALLEY-TP-3MS



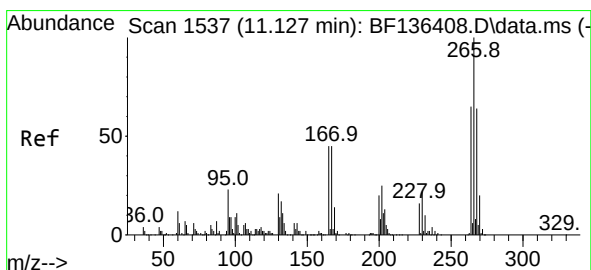
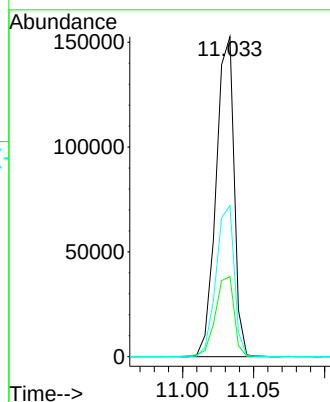
Tgt Ion:	200	Resp:	13476
Ion Ratio	Lower	Upper	
200	100		
173	25.0	6.0	46.0
215	47.2	25.5	65.5

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 12/07/2023

Supervised By :mohammad ahmed 12/07/2023



#70

Pentachlorophenol

Concen: 90.997 ng

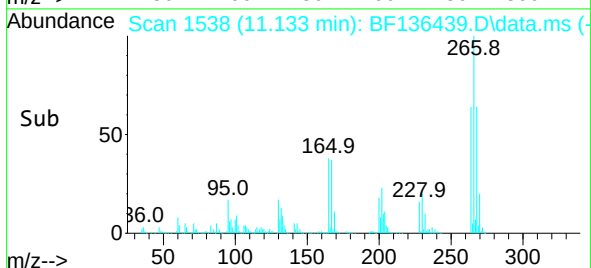
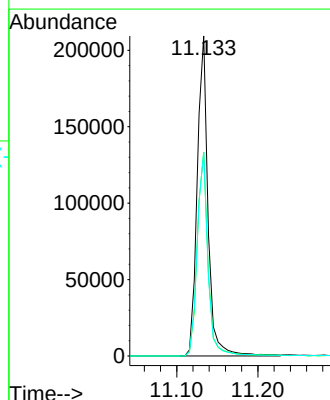
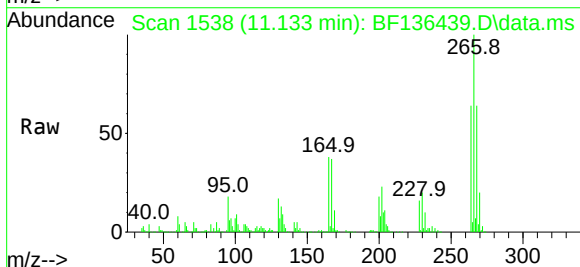
RT: 11.133 min Scan# 1538

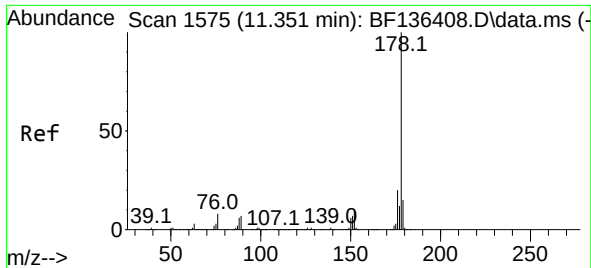
Delta R.T. 0.006 min

Lab File: BF136439.D

Acq: 06 Dec 2023 20:55

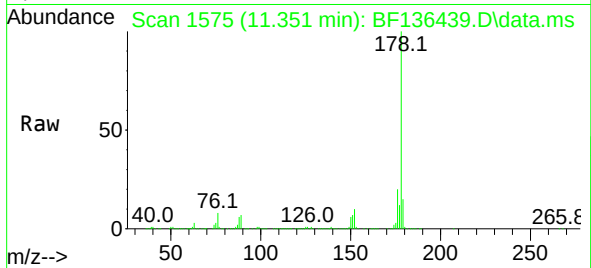
Tgt Ion:	266	Resp:	194948
Ion Ratio	Lower	Upper	
266	100		
268	63.8	51.0	76.6
264	63.7	52.2	78.4





#71
Phenanthrene
Concen: 47.680 ng
RT: 11.351 min Scan# 1575
Delta R.T. -0.000 min
Lab File: BF136439.D
Acq: 06 Dec 2023 20:55

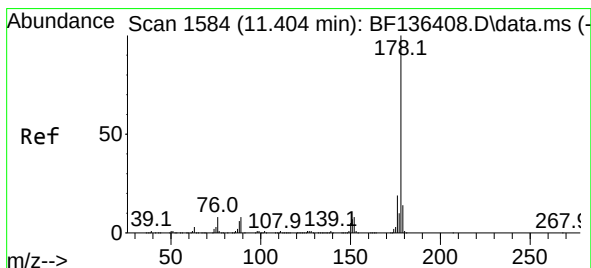
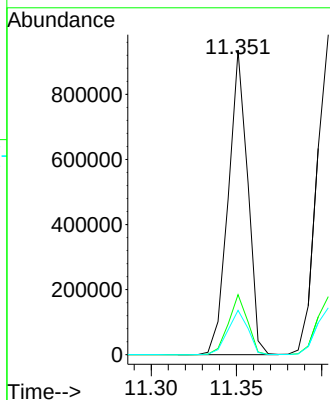
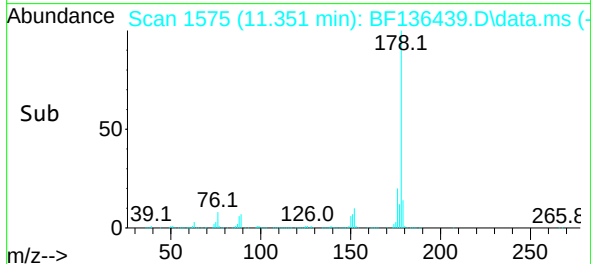
Instrument :
BNA_F
ClientSampleId :
SPRING-VALLEY-TP-3MS



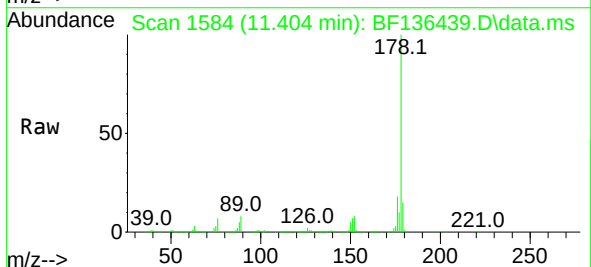
Tgt Ion:178 Resp: 740300
Ion Ratio Lower Upper
178 100
176 19.7 15.9 23.9
179 14.5 11.8 17.6

Manual Integrations
APPROVED

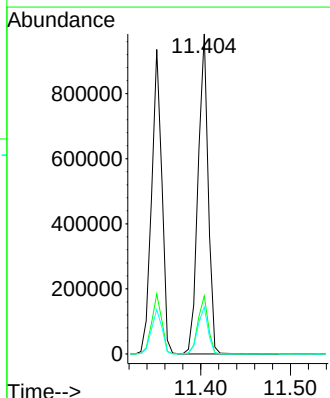
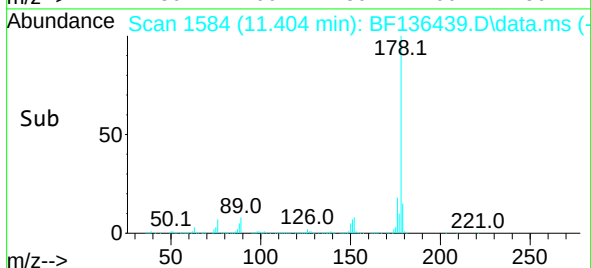
Reviewed By :Yogesh Patel 12/07/2023
Supervised By :mohammad ahmed 12/07/2023

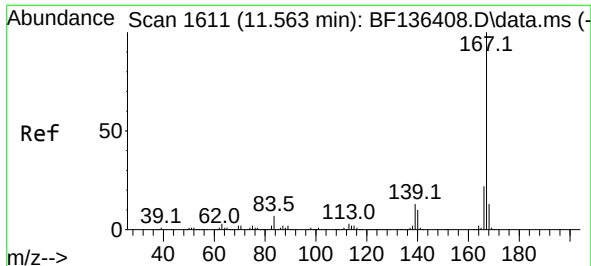


#72
Anthracene
Concen: 49.083 ng
RT: 11.404 min Scan# 1584
Delta R.T. -0.000 min
Lab File: BF136439.D
Acq: 06 Dec 2023 20:55



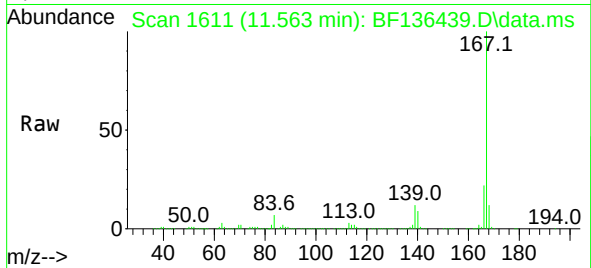
Tgt Ion:178 Resp: 767593
Ion Ratio Lower Upper
178 100
176 18.2 15.3 22.9
179 14.7 11.4 17.0





#73
 Carbazole
 Concen: 48.725 ng
 RT: 11.563 min Scan# 1611
 Delta R.T. -0.000 min
 Lab File: BF136439.D
 Acq: 06 Dec 2023 20:55

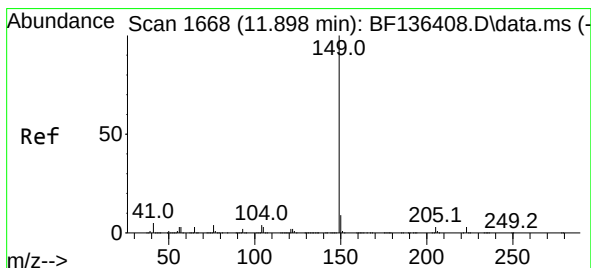
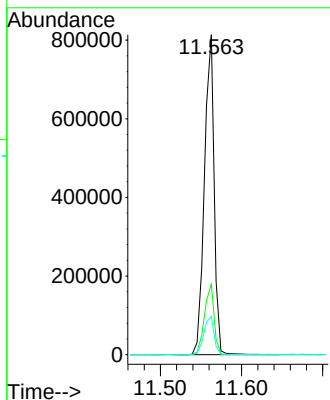
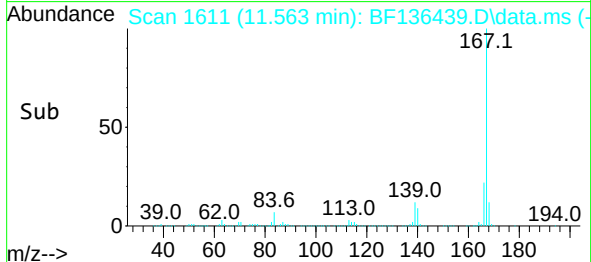
Instrument :
 BNA_F
 ClientSampleId :
 SPRING-VALLEY-TP-3MS



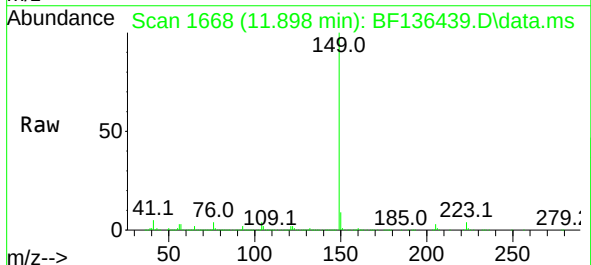
Tgt Ion:167 Resp: 674419
 Ion Ratio Lower Upper
 167 100
 166 22.0 18.0 27.0
 139 12.0 10.2 15.4

Manual Integrations
 APPROVED

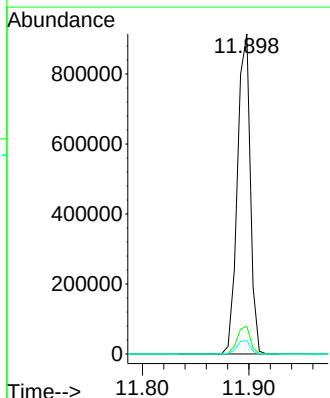
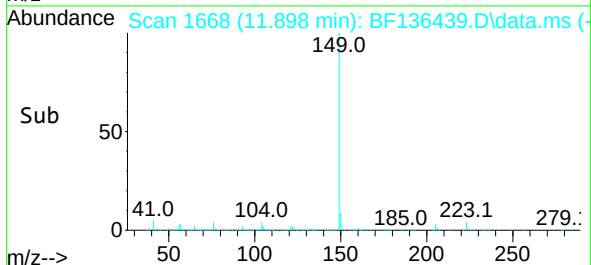
Reviewed By :Yogesh Patel 12/07/2023
 Supervised By :mohammad ahmed 12/07/2023

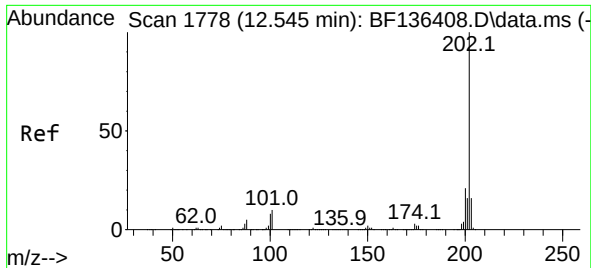


#74
 Di-n-butylphthalate
 Concen: 45.346 ng
 RT: 11.898 min Scan# 1668
 Delta R.T. -0.000 min
 Lab File: BF136439.D
 Acq: 06 Dec 2023 20:55



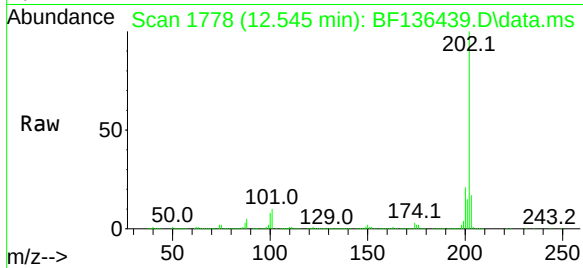
Tgt Ion:149 Resp: 769444
 Ion Ratio Lower Upper
 149 100
 150 8.7 6.9 10.3
 104 4.1 3.5 5.3





#75
Fluoranthene
Concen: 48.588 ng
RT: 12.545 min Scan# 11
Delta R.T. -0.000 min
Lab File: BF136439.D
Acq: 06 Dec 2023 20:55

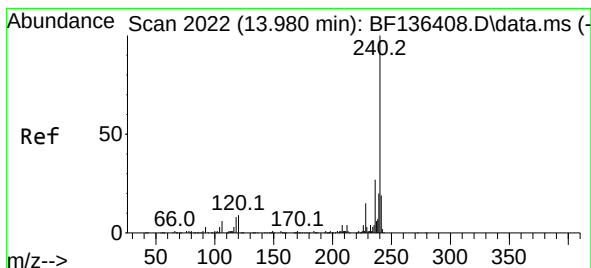
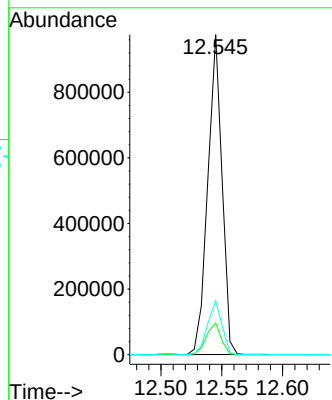
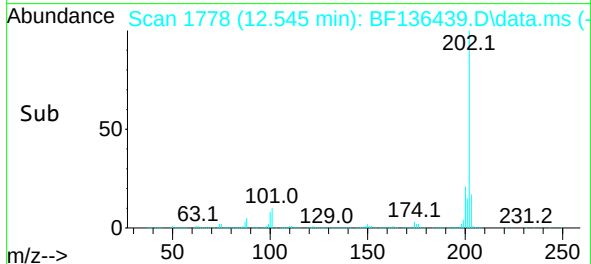
Instrument :
BNA_F
ClientSampleId :
SPRING-VALLEY-TP-3MS



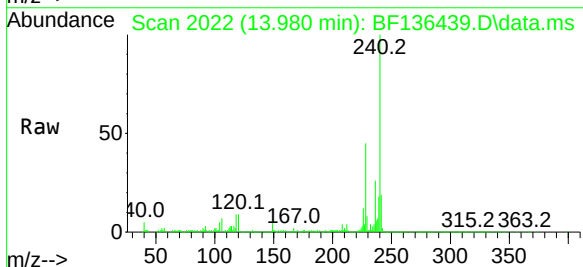
Tgt Ion:202 Resp: 79057
Ion Ratio Lower Upper
202 100
101 9.9 0.0 29.9
203 16.8 0.0 36.3

Manual Integrations
APPROVED

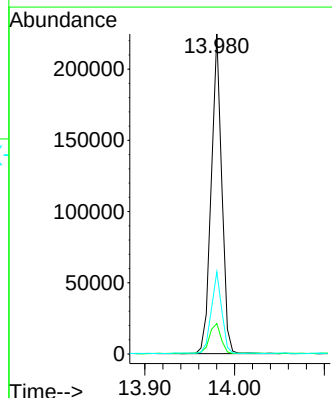
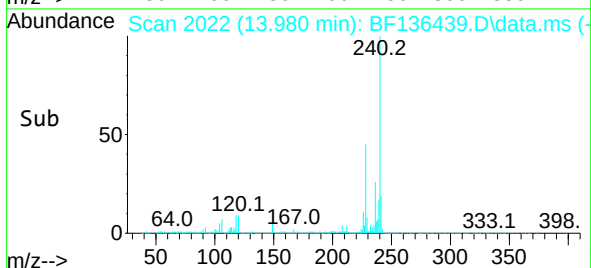
Reviewed By :Yogesh Patel 12/07/2023
Supervised By :mohammad ahmed 12/07/2023

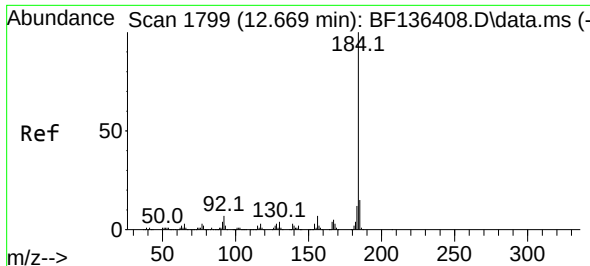


#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.980 min Scan# 2022
Delta R.T. -0.000 min
Lab File: BF136439.D
Acq: 06 Dec 2023 20:55



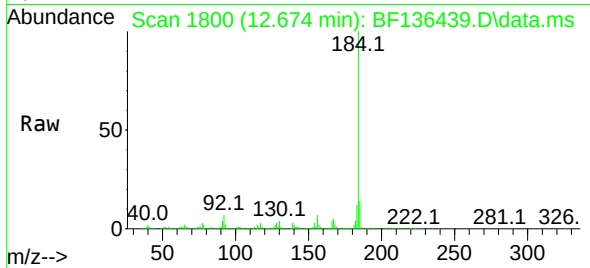
Tgt Ion:240 Resp: 182789
Ion Ratio Lower Upper
240 100
120 9.5 7.3 10.9
236 25.7 21.3 31.9





#77
Benzidine
Concen: 71.098 ng
RT: 12.674 min Scan# 1800
Delta R.T. 0.005 min
Lab File: BF136439.D
Acq: 06 Dec 2023 20:55

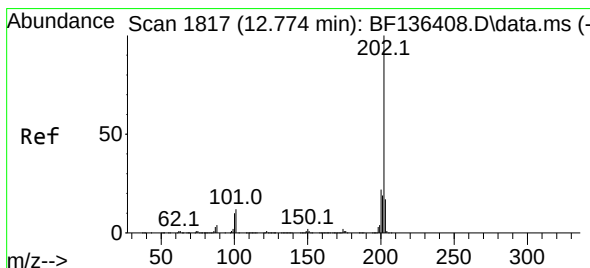
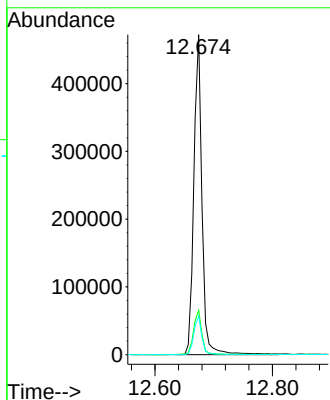
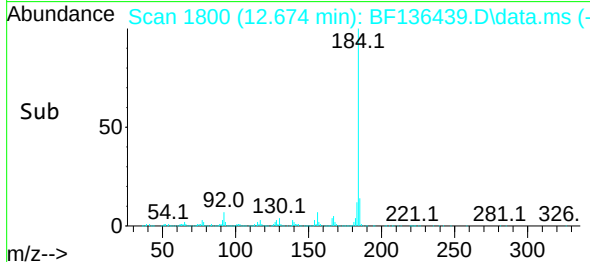
Instrument :
BNA_F
ClientSampleId :
SPRING-VALLEY-TP-3MS



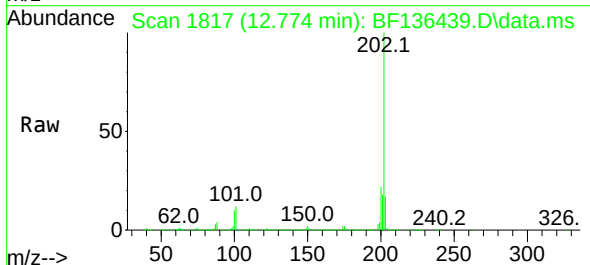
Tgt Ion:184 Resp: 456438
Ion Ratio Lower Upper
184 100
185 13.9 12.0 18.0
183 12.1 9.4 14.0

Manual Integrations
APPROVED

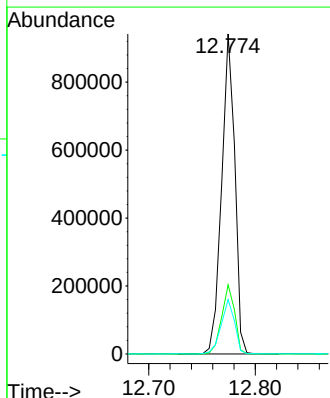
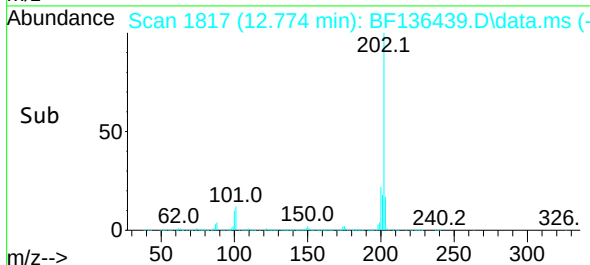
Reviewed By :Yogesh Patel 12/07/2023
Supervised By :mohammad ahmed 12/07/2023

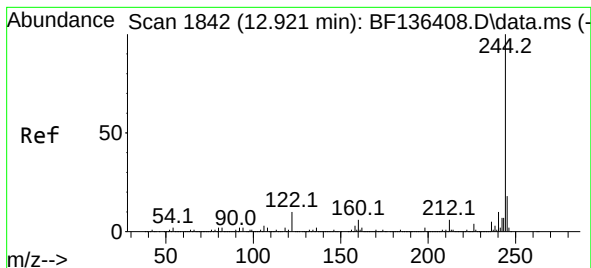


#78
Pyrene
Concen: 44.996 ng
RT: 12.774 min Scan# 1817
Delta R.T. -0.000 min
Lab File: BF136439.D
Acq: 06 Dec 2023 20:55



Tgt Ion:202 Resp: 805500
Ion Ratio Lower Upper
202 100
200 21.6 18.0 27.0
203 17.0 13.5 20.3





#79

Terphenyl-d14

Concen: 63.029 ng

RT: 12.921 min Scan# 1842

Delta R.T. -0.000 min

Lab File: BF136439.D

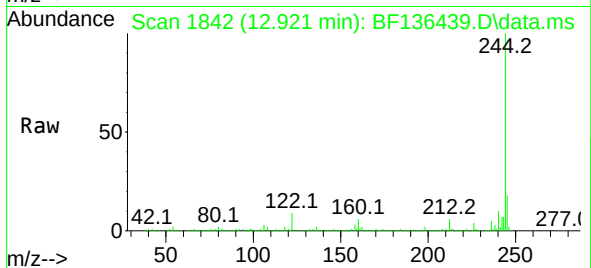
Acq: 06 Dec 2023 20:55

Instrument :

BNA_F

ClientSampleId :

SPRING-VALLEY-TP-3MS



Tgt Ion:244 Resp: 874102

Ion Ratio Lower Upper

244 100

212 5.8 5.0 7.4

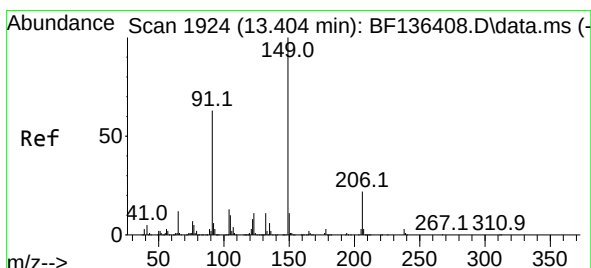
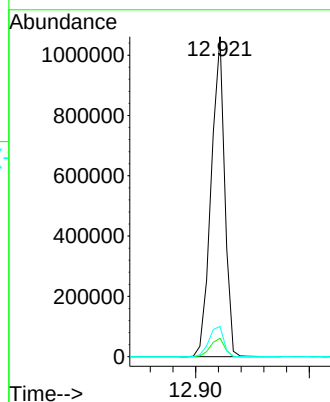
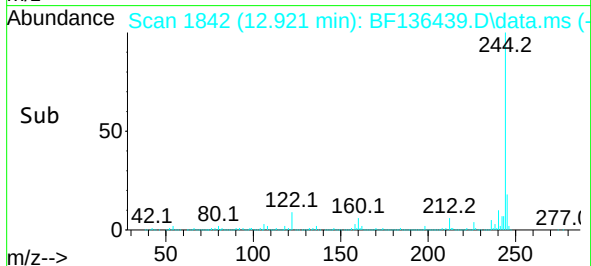
122 9.5 8.3 12.5

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 12/07/2023

Supervised By :mohammad ahmed 12/07/2023



#80

Butylbenzylphthalate

Concen: 50.035 ng

RT: 13.404 min Scan# 1924

Delta R.T. -0.000 min

Lab File: BF136439.D

Acq: 06 Dec 2023 20:55

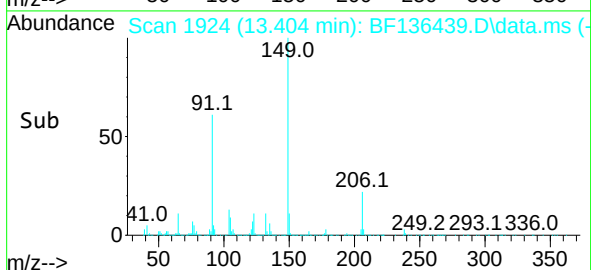
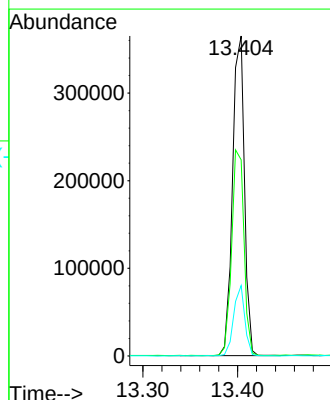
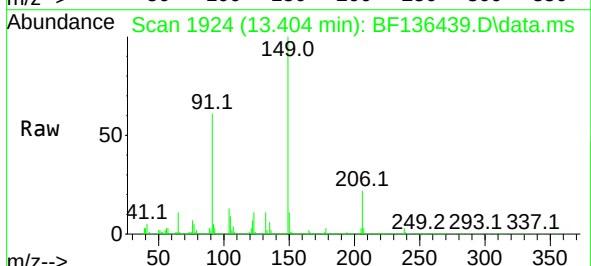
Tgt Ion:149 Resp: 318853

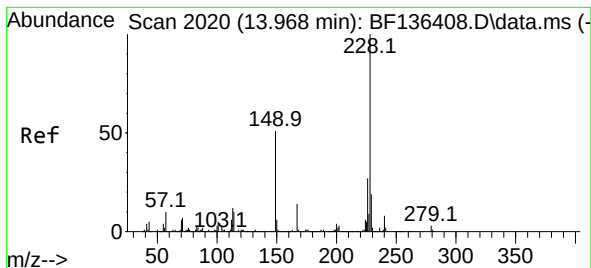
Ion Ratio Lower Upper

149 100

91 61.3 50.5 75.7

206 22.0 17.4 26.2





#81

Benzo(a)anthracene

Concen: 47.043 ng

RT: 13.968 min Scan# 20

Delta R.T. -0.000 min

Lab File: BF136439.D

Acq: 06 Dec 2023 20:55

Instrument :

BNA_F

ClientSampleId :

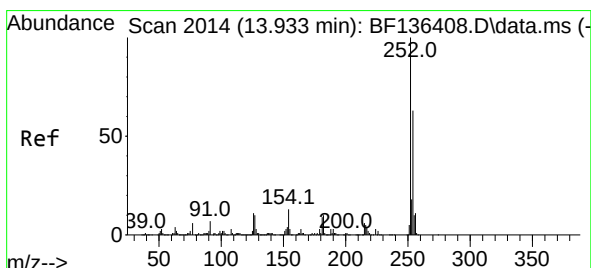
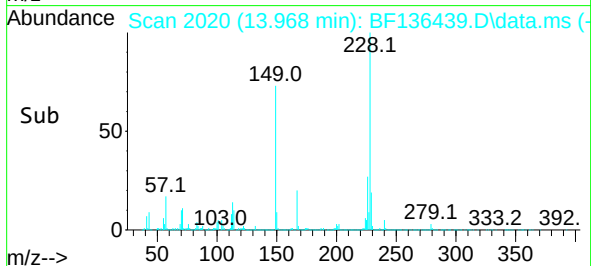
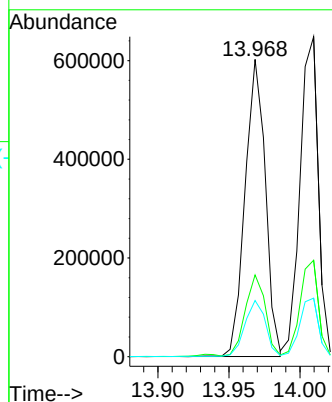
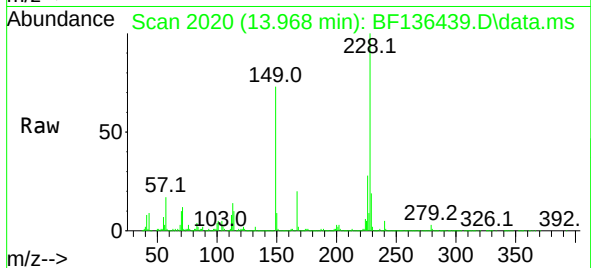
SPRING-VALLEY-TP-3MS

Tgt Ion:228 Resp: 59896
 Ion Ratio Lower Upper
 228 100
 226 27.5 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: 64.989 ng

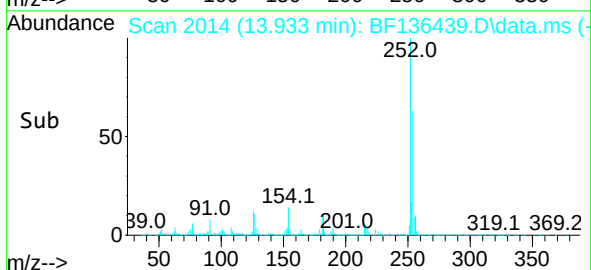
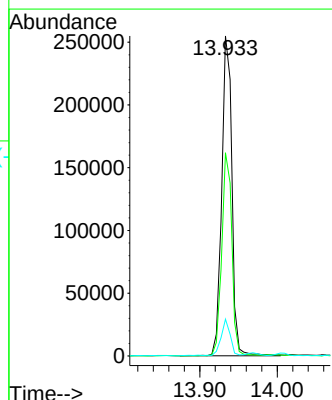
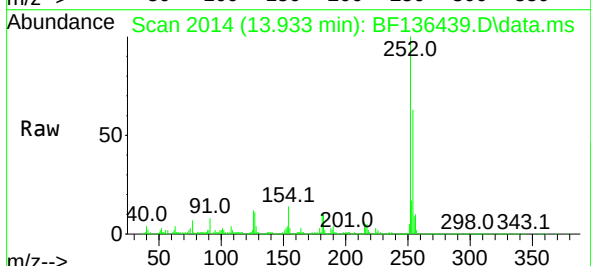
RT: 13.933 min Scan# 2014

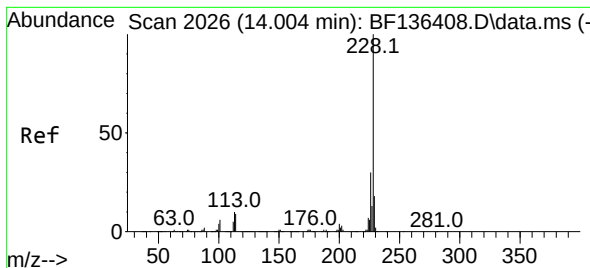
Delta R.T. -0.000 min

Lab File: BF136439.D

Acq: 06 Dec 2023 20:55

Tgt Ion:252 Resp: 232004
 Ion Ratio Lower Upper
 252 100
 254 63.5 50.8 76.2
 126 11.5 8.6 12.8





#83

Chrysene

Concen: 46.229 ng

RT: 14.010 min Scan# 20

Delta R.T. 0.006 min

Lab File: BF136439.D

Acq: 06 Dec 2023 20:55

Instrument :

BNA_F

ClientSampleId :

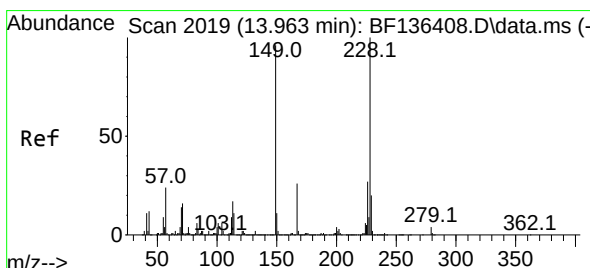
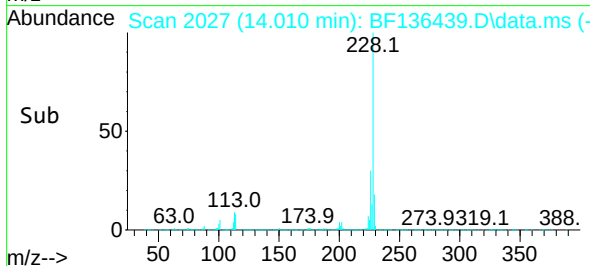
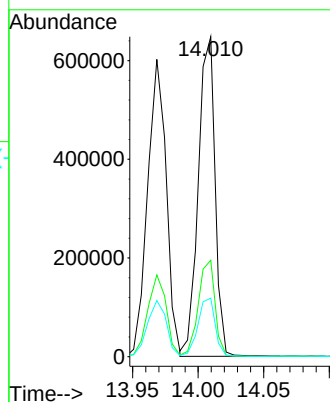
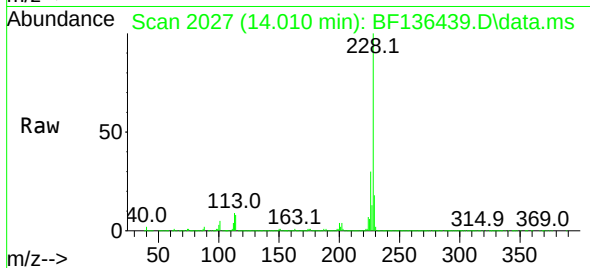
SPRING-VALLEY-TP-3MS

Tgt Ion:	228	Resp:	57911
Ion Ratio	Lower	Upper	
228	100		
226	30.1	23.8	35.6
229	18.3	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: 51.867 ng

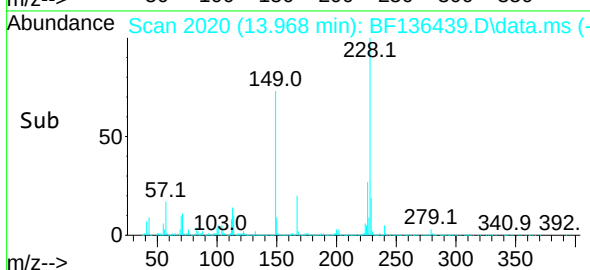
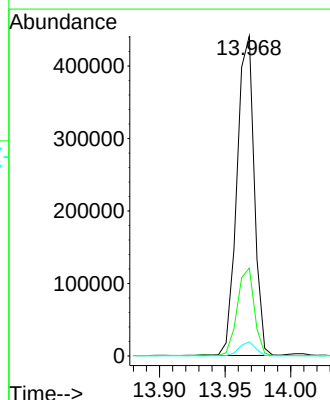
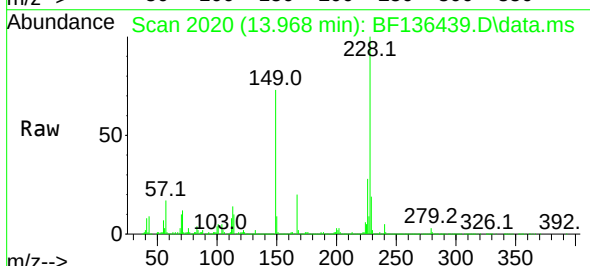
RT: 13.968 min Scan# 2020

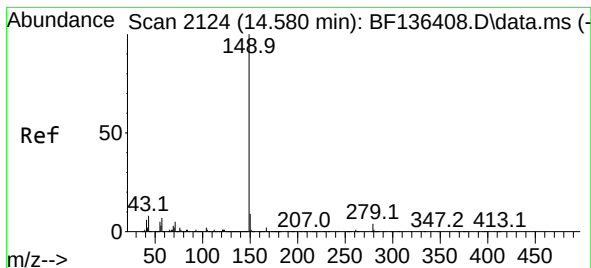
Delta R.T. 0.006 min

Lab File: BF136439.D

Acq: 06 Dec 2023 20:55

Tgt Ion:	149	Resp:	405197
Ion Ratio	Lower	Upper	
149	100		
167	27.4	21.2	31.8
279	4.4	3.1	4.7





#85

Di-n-octyl phthalate

Concen: 56.972 ng

RT: 14.580 min Scan# 2124

Delta R.T. -0.000 min

Lab File: BF136439.D

Acq: 06 Dec 2023 20:55

Instrument :

BNF

ClientSampleId :

SPRING-VALLEY-TP-3MS

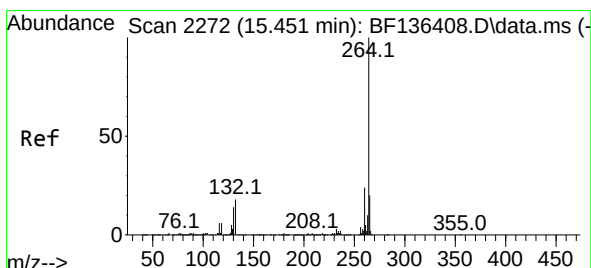
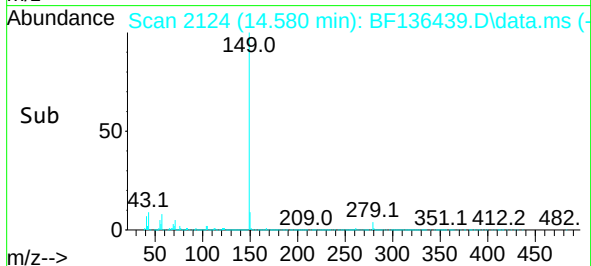
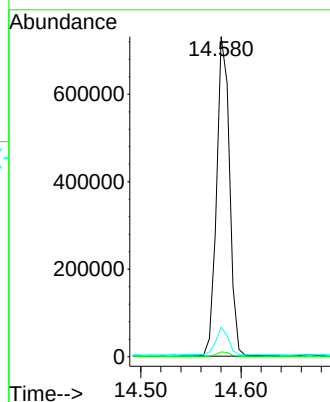
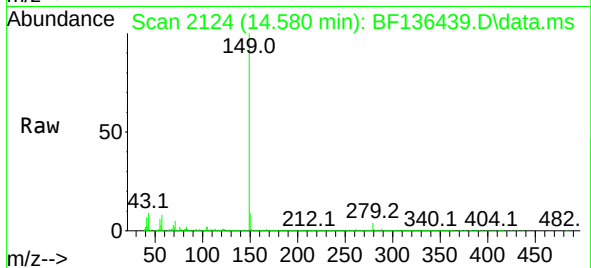
Tgt Ion:149 Resp: 657433
 Ion Ratio Lower Upper
 149 100
 167 1.5 1.3 1.9
 43 8.7 6.8 10.2

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 12/07/2023

Supervised By :mohammad ahmed 12/07/2023



#86

Perylene-d12

Concen: 20.000 ng

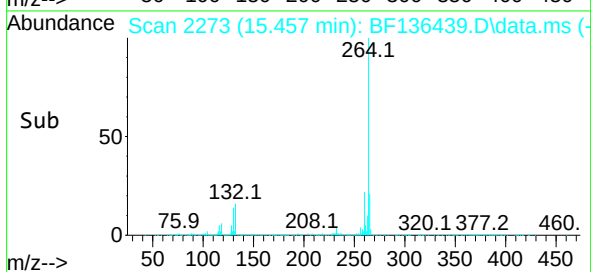
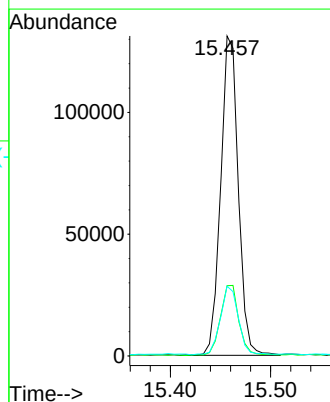
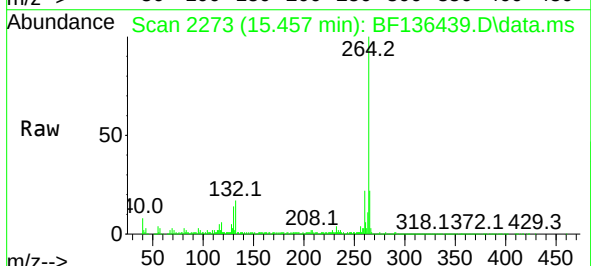
RT: 15.457 min Scan# 2273

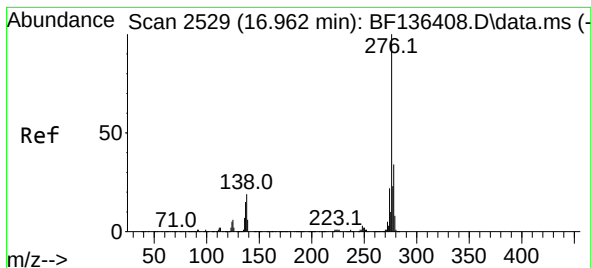
Delta R.T. 0.006 min

Lab File: BF136439.D

Acq: 06 Dec 2023 20:55

Tgt Ion:264 Resp: 159793
 Ion Ratio Lower Upper
 264 100
 260 22.0 19.2 28.8
 265 21.8 15.9 23.9





#87

Indeno(1,2,3-cd)pyrene

Concen: 39.198 ng

RT: 16.968 min Scan# 21

Delta R.T. 0.006 min

Lab File: BF136439.D

Acq: 06 Dec 2023 20:55

Instrument :

BNA_F

ClientSampleId :

SPRING-VALLEY-TP-3MS

Tgt Ion:276 Resp: 435140

Ion Ratio Lower Upper

276 100

138 23.6 19.0 28.4

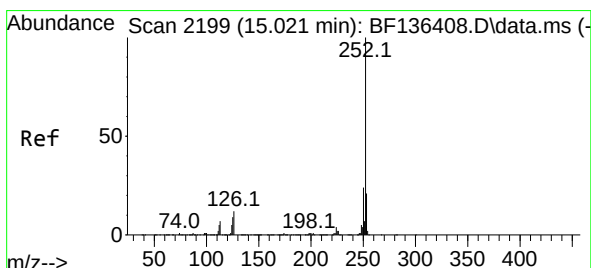
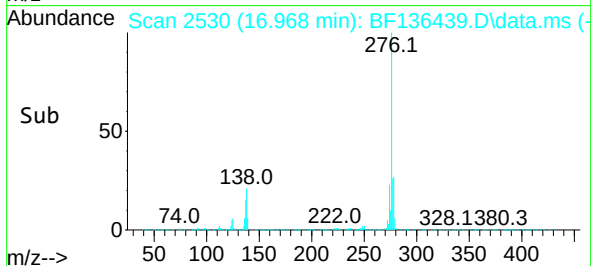
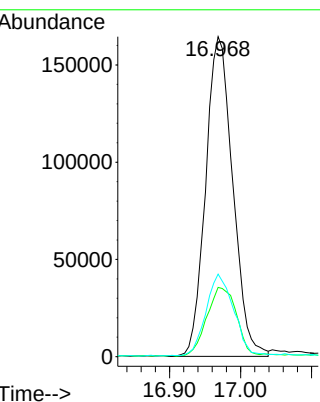
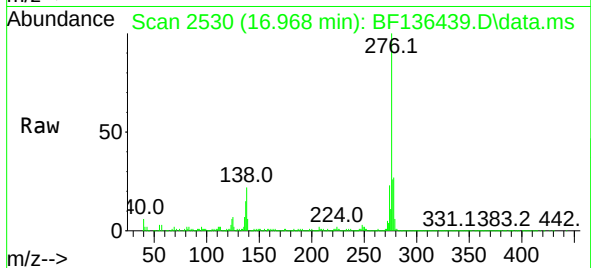
277 26.0 20.0 30.0

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 12/07/2023

Supervised By :mohammad ahmed 12/07/2023



#88

Benzo(b)fluoranthene

Concen: 44.951 ng

RT: 15.027 min Scan# 2200

Delta R.T. 0.006 min

Lab File: BF136439.D

Acq: 06 Dec 2023 20:55

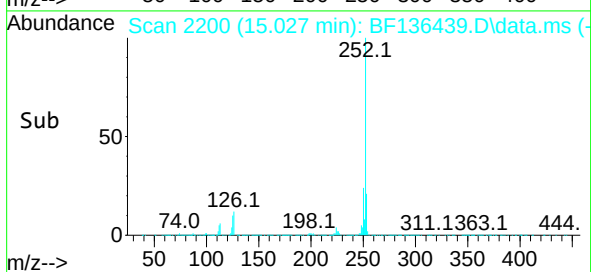
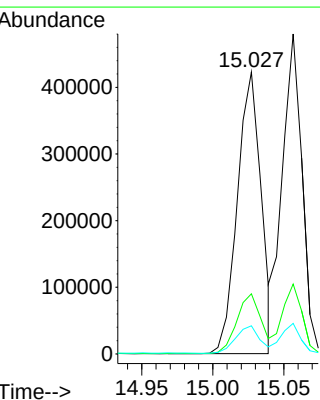
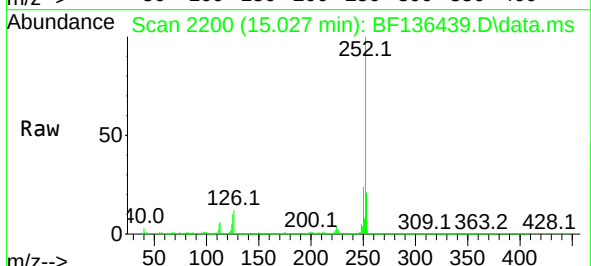
Tgt Ion:252 Resp: 491115

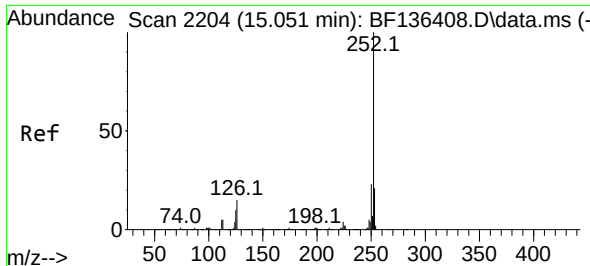
Ion Ratio Lower Upper

252 100

253 21.3 16.9 25.3

125 10.0 7.4 11.2





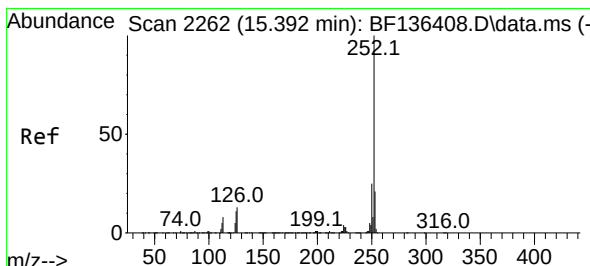
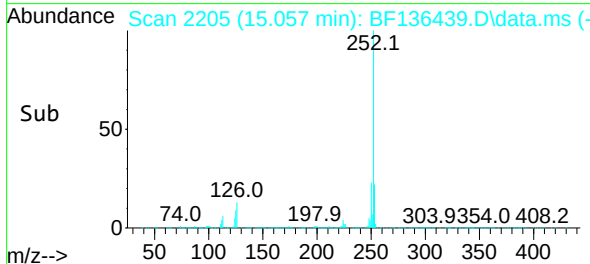
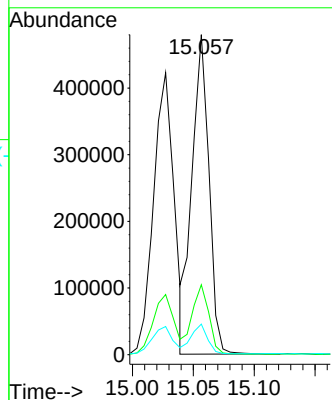
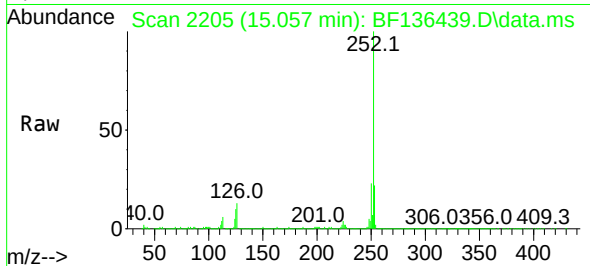
#89
Benzo(k)fluoranthene
Concen: 45.162 ng
RT: 15.057 min Scan# 21
Delta R.T. 0.006 min
Lab File: BF136439.D
Acq: 06 Dec 2023 20:55

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

Tgt Ion:252 Resp: 465004
Ion Ratio Lower Upper
252 100
253 21.9 16.9 25.3
125 9.5 7.5 11.3

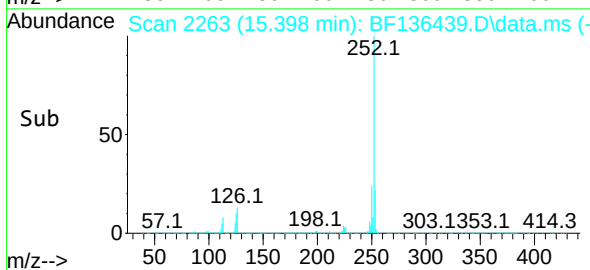
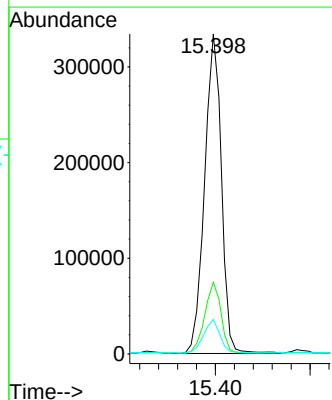
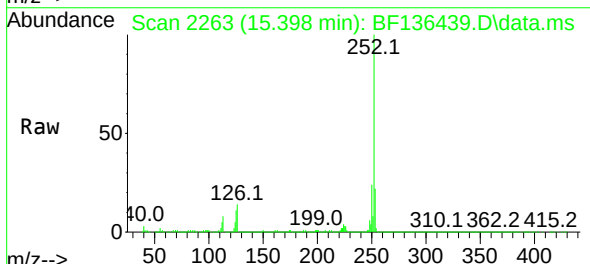
Manual Integrations
APPROVED

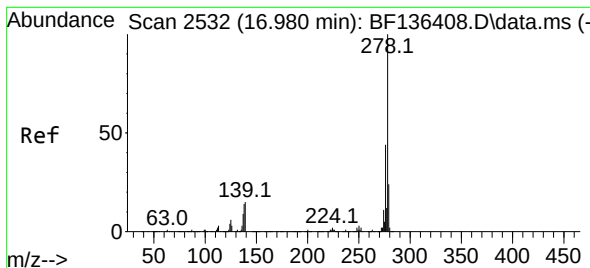
Reviewed By :Yogesh Patel 12/07/2023
Supervised By :mohammad ahmed 12/07/2023



#90
Benzo(a)pyrene
Concen: 45.518 ng
RT: 15.398 min Scan# 2263
Delta R.T. 0.006 min
Lab File: BF136439.D
Acq: 06 Dec 2023 20:55

Tgt Ion:252 Resp: 410699
Ion Ratio Lower Upper
252 100
253 22.4 17.0 25.4
125 10.8 8.6 13.0





#91

Dibenzo(a,h)anthracene

Concen: 41.325 ng

RT: 16.992 min Scan# 21

Delta R.T. 0.012 min

Lab File: BF136439.D

Acq: 06 Dec 2023 20:55

Instrument :

BNA_F

ClientSampleId :

SPRING-VALLEY-TP-3MS

Tgt Ion:278 Resp: 37582

Ion Ratio Lower Upper

278 100

139 14.3 12.2 18.4

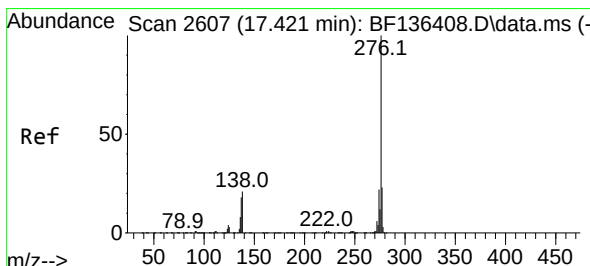
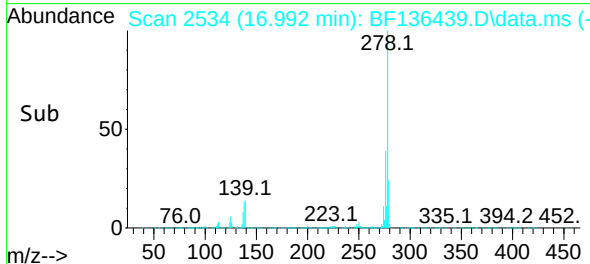
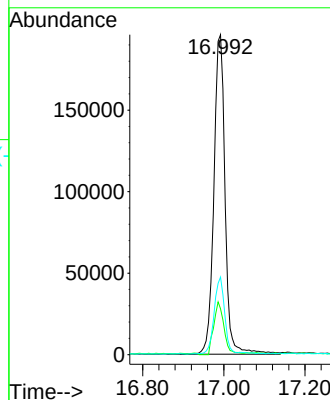
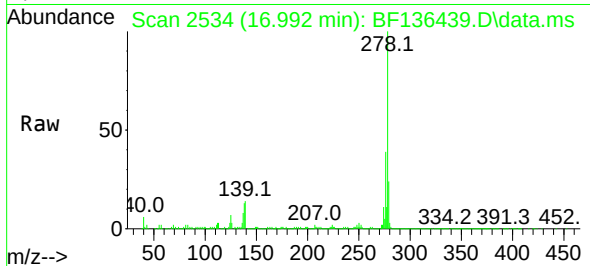
279 24.2 19.0 28.4

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 12/07/2023

Supervised By :mohammad ahmed 12/07/2023



#92

Benzo(g,h,i)perylene

Concen: 35.776 ng

RT: 17.427 min Scan# 2608

Delta R.T. 0.006 min

Lab File: BF136439.D

Acq: 06 Dec 2023 20:55

Tgt Ion:276 Resp: 333954

Ion Ratio Lower Upper

276 100

277 23.5 18.7 28.1

138 20.6 16.6 25.0

