

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF122723\
 Data File : BF136778.D
 Acq On : 28 Dec 2023 01:37
 Operator : CG\JU
 Sample : 05853-04MSD
 Misc :
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 EAST-WALLMSD

Quant Time: Dec 28 01:59:02 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF122023.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Dec 21 01:54:25 2023
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By :Yogesh Patel 12/28/2023
 Supervised By :mohammad ahmed 12/28/2023

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.787	152	73387	20.000	ng	0.00
21) Naphthalene-d8	8.063	136	278296	20.000	ng	0.00
39) Acenaphthene-d10	9.822	164	134478	20.000	ng	0.00
64) Phenanthrene-d10	11.310	188	218363	20.000	ng	0.00
76) Chrysene-d12	13.969	240	143675	20.000	ng	# 0.00
86) Perylene-d12	15.445	264	155513	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.434	112	403000	85.682	ng	0.00
7) Phenol-d6	6.434	99	503163	82.560	ng	0.00
23) Nitrobenzene-d5	7.345	82	320287	58.892	ng	-0.01
42) 2,4,6-Tribromophenol	10.616	330	119750	75.610	ng	0.00
45) 2-Fluorobiphenyl	9.139	172	635785	63.588	ng	-0.01
79) Terphenyl-d14	12.904	244	492167	47.871	ng	-0.01
Target Compounds						
						Qvalue
2) 1,4-Dioxane	2.605	88	71765	36.620	ng	99
3) Pyridine	3.363	79	172440	36.064	ng	92
4) n-Nitrosodimethylamine	3.328	42	102421	40.111	ng	97
6) Aniline	6.451	93	172991	28.390	ng	# 35
8) 2-Chlorophenol	6.575	128	221147	42.965	ng	94
9) Benzaldehyde	6.340	77	55685	16.063	ng	97
10) Phenol	6.445	94	262628	40.367	ng	96
11) bis(2-Chloroethyl)ether	6.522	93	204518	41.336	ng	99
12) 1,3-Dichlorobenzene	6.728	146	224364	39.958	ng	96
13) 1,4-Dichlorobenzene	6.804	146	228015	39.743	ng	96
14) 1,2-Dichlorobenzene	6.951	146	217046	40.656	ng	99
15) Benzyl Alcohol	6.934	79	179356	43.622	ng	97
16) 2,2'-oxybis(1-Chloropr...	7.063	45	330276	40.830	ng	99
17) 2-Methylphenol	7.045	107	172333	40.415	ng	99
18) Hexachloroethane	7.287	117	80440	38.606	ng	97
19) n-Nitroso-di-n-propyla...	7.198	70	151692	41.059	ng	99
20) 3+4-Methylphenols	7.198	107	213934	40.159	ng	# 87
22) Acetophenone	7.192	105	304093	43.595	ng	# 92
24) Nitrobenzene	7.369	77	219218	40.238	ng	96
25) Isophorone	7.604	82	405250	40.951	ng	100
26) 2-Nitrophenol	7.681	139	106230	40.755	ng	97
27) 2,4-Dimethylphenol	7.722	122	164493	51.836	ng	96
28) bis(2-Chloroethoxy)met...	7.816	93	254562	42.319	ng	99
29) 2,4-Dichlorophenol	7.928	162	170450	41.722	ng	97
30) 1,2,4-Trichlorobenzene	8.004	180	187955	41.292	ng	99
31) Naphthalene	8.087	128	628857	41.132	ng	99
32) Benzoic acid	7.840	122	81366m	26.500	ng	
33) 4-Chloroaniline	8.134	127	98456	17.442	ng	97
34) Hexachlorobutadiene	8.198	225	110203	39.848	ng	100
35) Caprolactam	8.516	113	49754	36.916	ng	97
36) 4-Chloro-3-methylphenol	8.628	107	183486	39.895	ng	98
37) 2-Methylnaphthalene	8.775	142	393441	39.986	ng	100
38) 1-Methylnaphthalene	8.875	142	375320	38.880	ng	100
40) 1,2,4,5-Tetrachloroben...	8.939	216	195655	46.979	ng	99
41) Hexachlorocyclopentadiene	8.922	237	57119	45.279	ng	99
43) 2,4,6-Trichlorophenol	9.057	196	114244	42.773	ng	97

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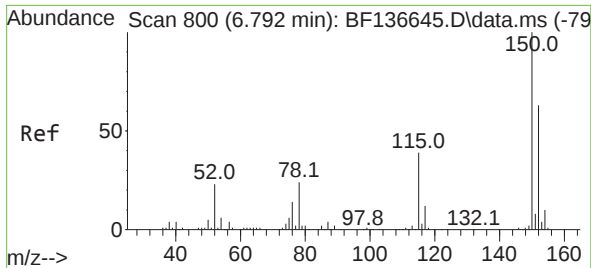
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.104	196	119570	40.173	ng	94
46) 1,1'-Biphenyl	9.239	154	515095	45.645	ng	99
47) 2-Chloronaphthalene	9.269	162	368526	42.958	ng	97
48) 2-Nitroaniline	9.369	65	117143	43.605	ng	95
49) Acenaphthylene	9.681	152	600434	45.790	ng	99
50) Dimethylphthalate	9.545	163	440159	44.811	ng	99
51) 2,6-Dinitrotoluene	9.610	165	93629	42.000	ng	89
52) Acenaphthene	9.851	154	341680	42.036	ng	99
53) 3-Nitroaniline	9.781	138	76077	32.216	ng	93
54) 2,4-Dinitrophenol	9.892	184	16903	16.777	ng	90
55) Dibenzofuran	10.028	168	521783	42.348	ng	98
56) 4-Nitrophenol	9.957	139	105047	65.896	ng	96
57) 2,4-Dinitrotoluene	10.016	165	114949	39.720	ng	99
58) Fluorene	10.369	166	403401	41.262	ng	98
59) 2,3,4,6-Tetrachlorophenol	10.145	232	84827	37.024	ng	98
60) Diethylphthalate	10.245	149	435130	42.695	ng	99
61) 4-Chlorophenyl-phenyle...	10.363	204	193481	40.715	ng	97
62) 4-Nitroaniline	10.398	138	78692m	34.567	ng	
63) Azobenzene	10.522	77	386335	40.586	ng	98
65) 4,6-Dinitro-2-methylph...	10.428	198	16300	13.025	ng	92
66) n-Nitrosodiphenylamine	10.486	169	358338	50.517	ng	98
67) 4-Bromophenyl-phenylether	10.857	248	112488	46.385	ng	93
68) Hexachlorobenzene	10.922	284	119004	44.034	ng	94
69) Atrazine	11.016	200	108343	59.717	ng	99
70) Pentachlorophenol	11.122	266	91202	72.401	ng	95
71) Phenanthrene	11.339	178	609387	54.388	ng	99
72) Anthracene	11.386	178	538950	47.497	ng	99
73) Carbazole	11.545	167	453738	42.413	ng	99
74) Di-n-butylphthalate	11.880	149	619987	47.493	ng	99
75) Fluoranthene	12.533	202	646732	53.963	ng	99
77) Benzidine	12.657	184	116663	27.538	ng	99
78) Pyrene	12.763	202	621606	44.073	ng	99
80) Butylbenzylphthalate	13.386	149	211589	41.229	ng	98
81) Benzo(a)anthracene	13.957	228	515339	51.655	ng	97
82) 3,3'-Dichlorobenzidine	13.921	252	135048	47.665	ng	98
83) Chrysene	13.998	228	482002	49.405	ng	99
84) Bis(2-ethylhexyl)phtha...	13.945	149	309382	47.913	ng	99
85) Di-n-octyl phthalate	14.563	149	555711	55.637	ng	98
87) Indeno(1,2,3-cd)pyrene	16.957	276	392194	34.929	ng	99
88) Benzo(b)fluoranthene	15.015	252	559175	53.835	ng	99
89) Benzo(k)fluoranthene	15.045	252	408804	41.653	ng	99
90) Benzo(a)pyrene	15.386	252	424360	48.401	ng	99
91) Dibenzo(a,h)anthracene	16.968	278	318454	34.571	ng	98
92) Benzo(g,h,i)perylene	17.409	276	302864	32.101	ng	98

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



#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.787 min Scan# 79
 Delta R.T. -0.005 min
 Lab File: BF136778.D
 Acq: 28 Dec 2023 01:37

Instrument :

BNA_F

ClientSampleId :

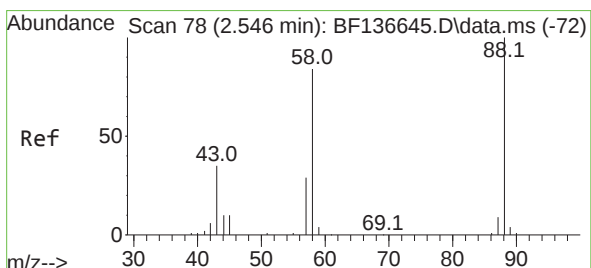
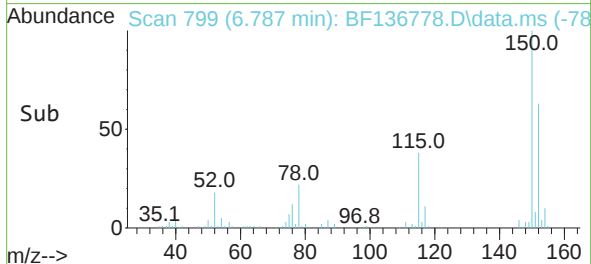
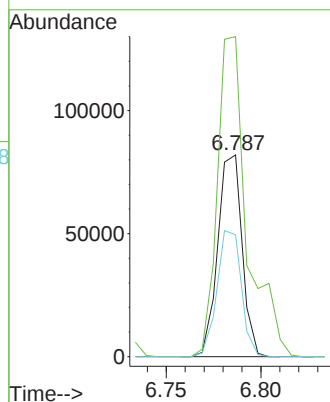
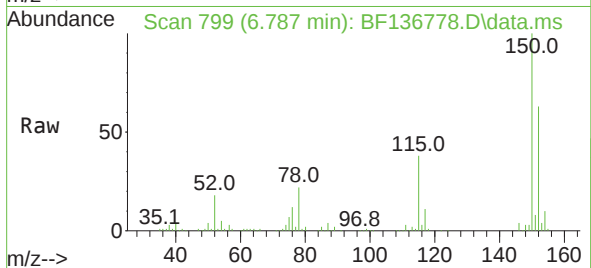
EAST-WALLMSD

Tgt Ion:152 Resp: 7338
 Ion Ratio Lower Upper
 152 100
 150 158.6 127.0 190.6
 115 60.4 49.0 73.4

Manual Integrations

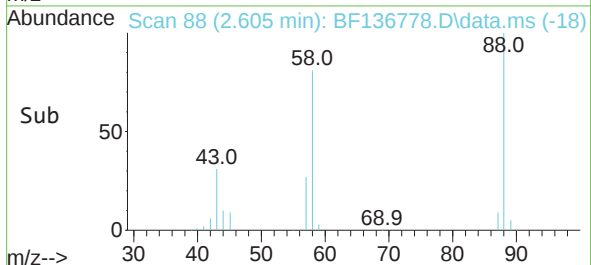
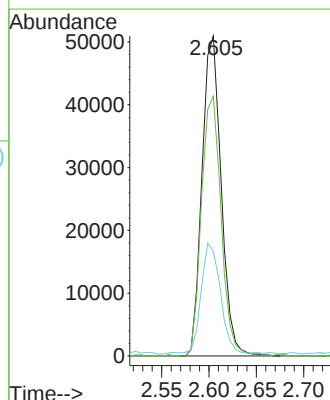
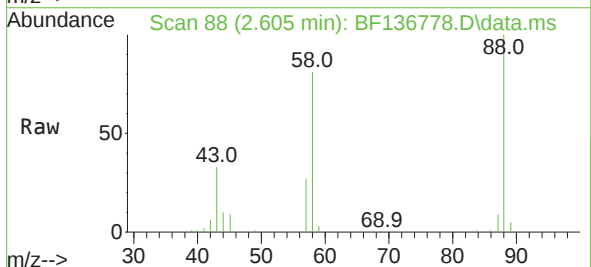
APPROVED

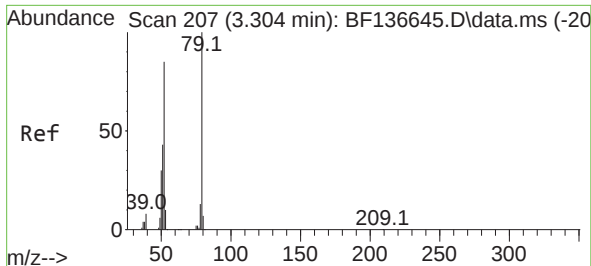
Reviewed By :Yogesh Patel 12/28/2023
 Supervised By :mohammad ahmed 12/28/2023



#2
 1,4-Dioxane
 Concen: 36.620 ng
 RT: 2.605 min Scan# 88
 Delta R.T. 0.059 min
 Lab File: BF136778.D
 Acq: 28 Dec 2023 01:37

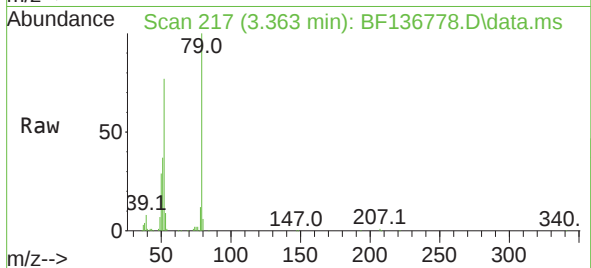
Tgt Ion: 88 Resp: 71765
 Ion Ratio Lower Upper
 88 100
 58 83.4 67.4 101.0
 43 35.1 27.7 41.5





#3
Pyridine
Concen: 36.064 ng
RT: 3.363 min Scan# 217
Delta R.T. 0.059 min
Lab File: BF136778.D
Acq: 28 Dec 2023 01:37

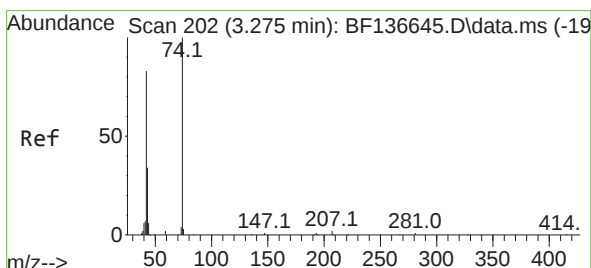
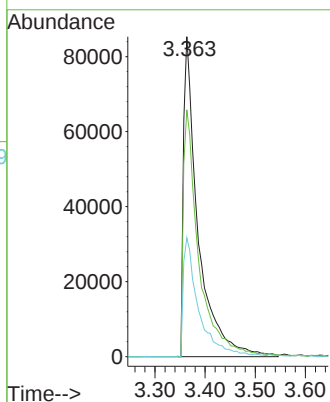
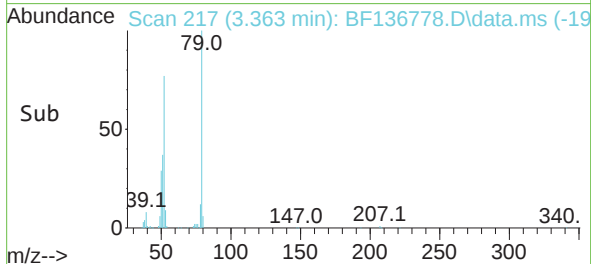
Instrument :
BNA_F
ClientSampleId :
EAST-WALLMSD



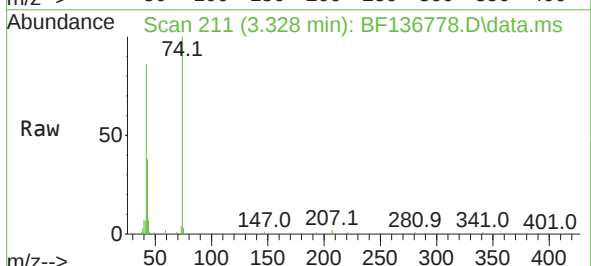
Tgt Ion: 79 Resp: 172440
Ion Ratio Lower Upper
79 100
52 77.1 67.7 101.5
51 37.2 34.0 51.0

Manual Integrations
APPROVED

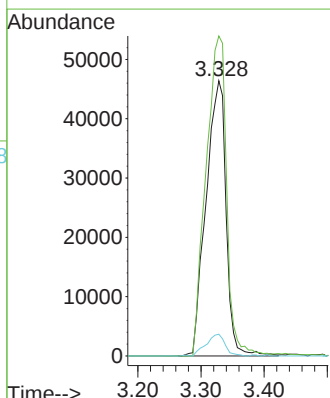
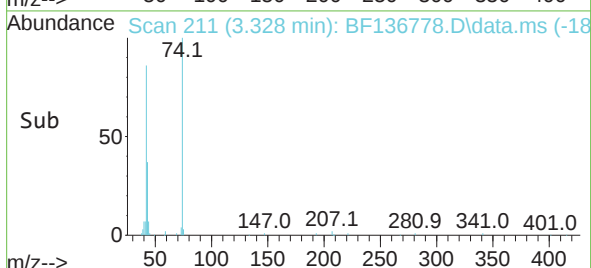
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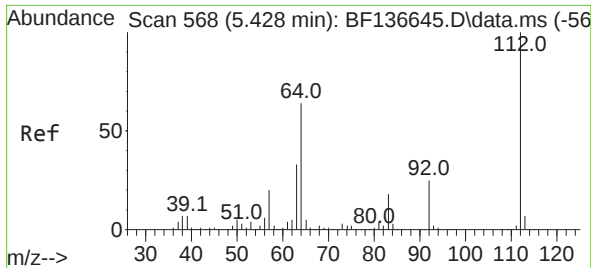


#4
n-Nitrosodimethylamine
Concen: 40.111 ng
RT: 3.328 min Scan# 211
Delta R.T. 0.053 min
Lab File: BF136778.D
Acq: 28 Dec 2023 01:37



Tgt Ion: 42 Resp: 102421
Ion Ratio Lower Upper
42 100
74 116.3 96.0 144.0
44 7.9 5.4 8.2





#5
2-Fluorophenol
Concen: 85.682 ng
RT: 5.434 min Scan# 50
Delta R.T. 0.006 min
Lab File: BF136778.D
Acq: 28 Dec 2023 01:37

Instrument :

BNA_F

ClientSampleId :

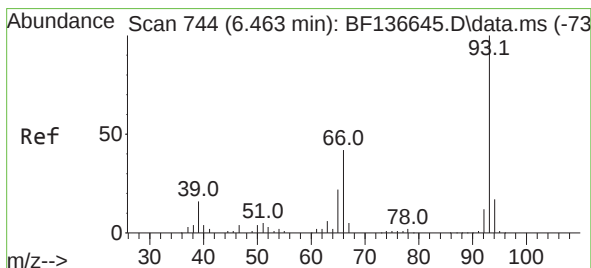
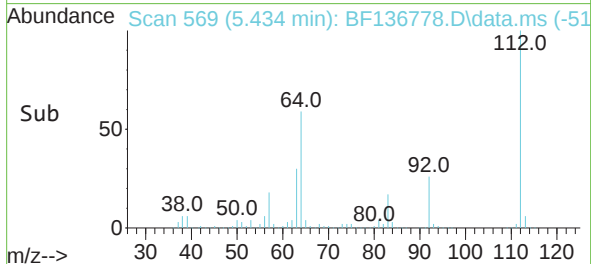
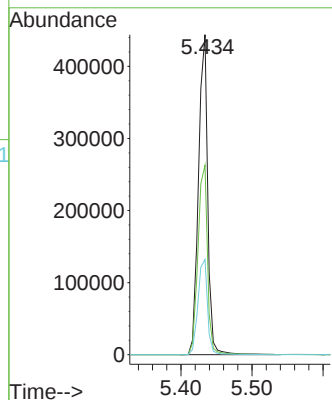
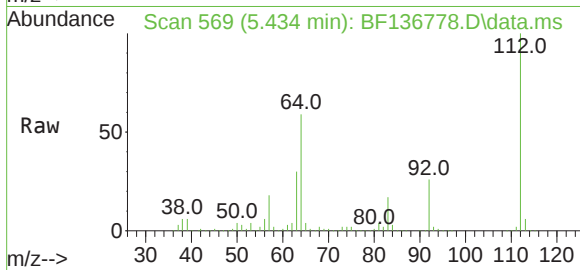
EAST-WALLMSD

Tgt Ion:112 Resp: 403000
Ion Ratio Lower Upper
112 100
64 59.2 51.1 76.7
63 29.8 26.1 39.1

Manual Integrations

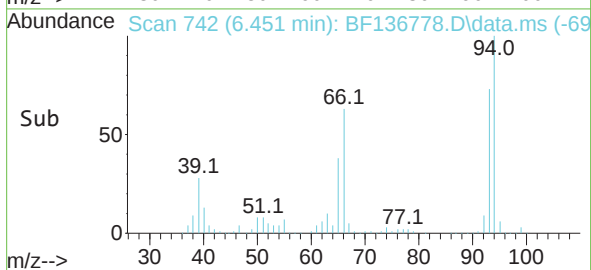
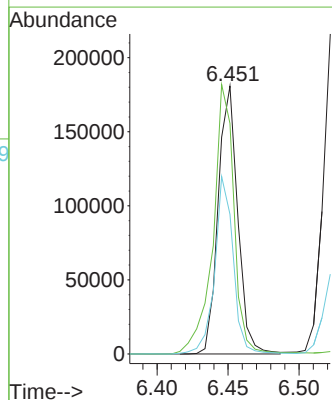
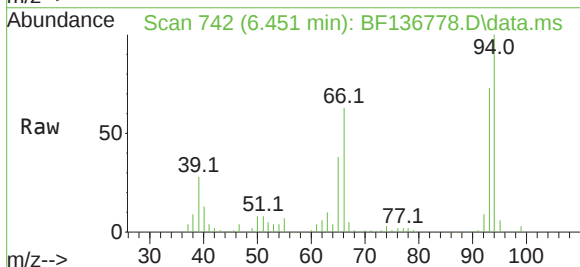
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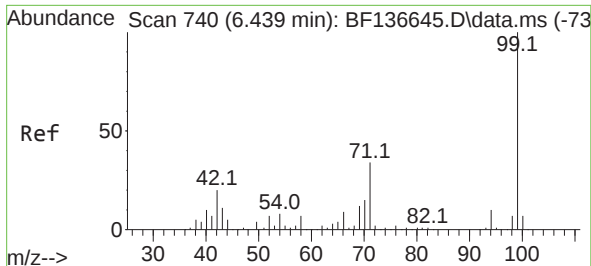
Reviewed By :Yogesh Patel 12/28/2023
Supervised By :mohammad ahmed 12/28/2023



#6
Aniline
Concen: 28.390 ng
RT: 6.451 min Scan# 742
Delta R.T. -0.012 min
Lab File: BF136778.D
Acq: 28 Dec 2023 01:37

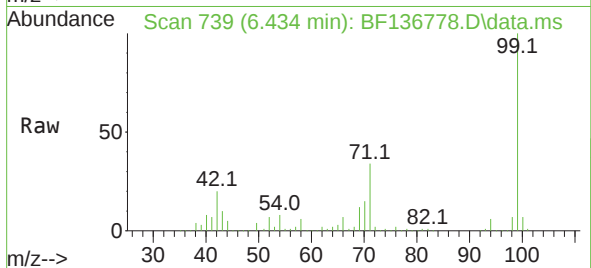
Tgt Ion: 93 Resp: 172991
Ion Ratio Lower Upper
93 100
66 86.1 34.6 51.8#
65 52.2 17.8 26.8#





#7
Phenol-d6
Concen: 82.560 ng
RT: 6.434 min Scan# 71
Delta R.T. -0.006 min
Lab File: BF136778.D
Acq: 28 Dec 2023 01:37

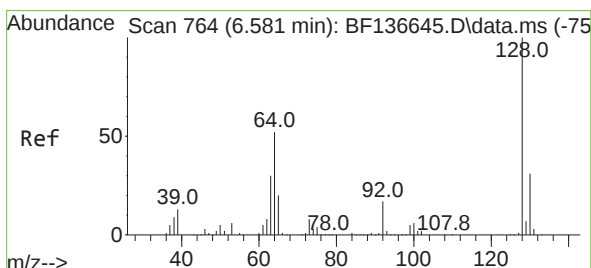
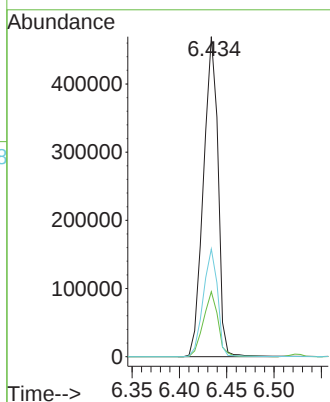
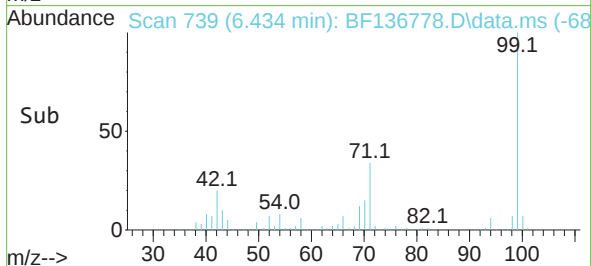
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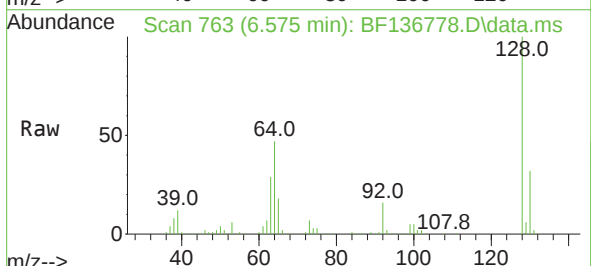
Tgt Ion: 99 Resp: 50316
Ion Ratio Lower Upper
99 100
42 20.3 16.1 24.1
71 33.6 27.4 41.2

Manual Integrations
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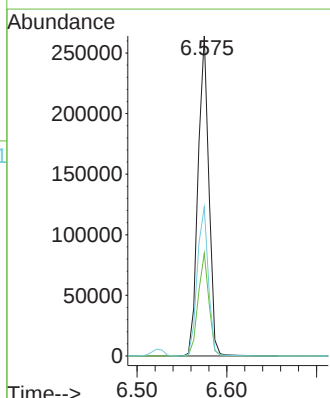
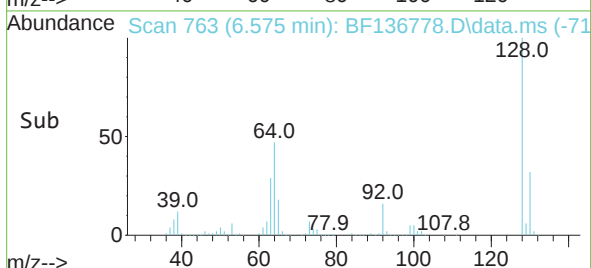
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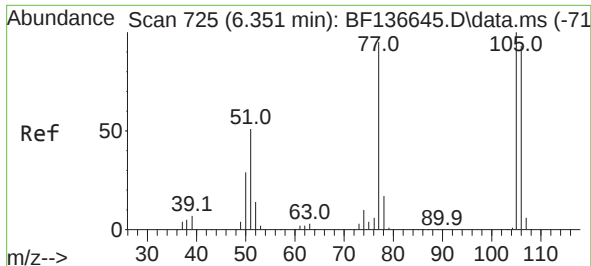


#8
2-Chlorophenol
Concen: 42.965 ng
RT: 6.575 min Scan# 763
Delta R.T. -0.006 min
Lab File: BF136778.D
Acq: 28 Dec 2023 01:37



Tgt Ion:128 Resp: 221147
Ion Ratio Lower Upper
128 100
130 32.1 11.3 51.3
64 46.6 32.5 72.5





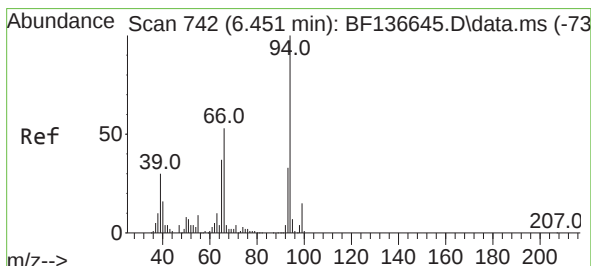
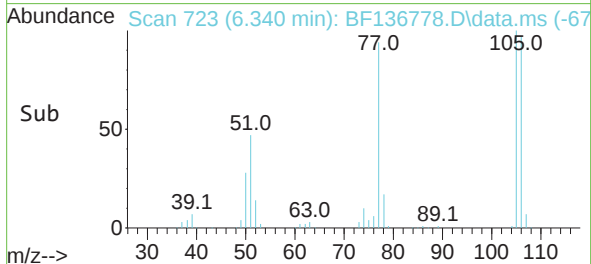
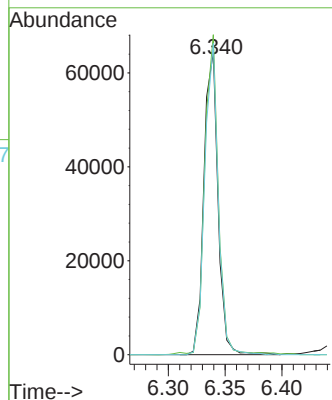
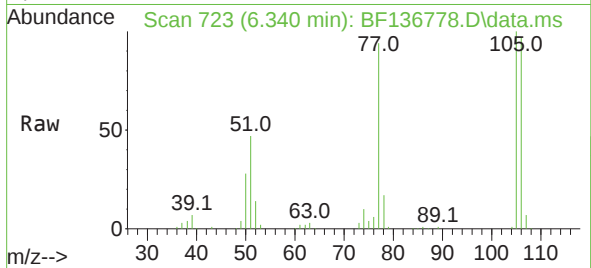
#9
Benzaldehyde
Concen: 16.063 ng
RT: 6.340 min Scan# 71
Delta R.T. -0.012 min
Lab File: BF136778.D
Acq: 28 Dec 2023 01:37

Instrument :
BNA_F
ClientSampleId :
EAST-WALLMSD

Tgt Ion: 77 Resp: 5568
Ion Ratio Lower Upper
77 100
105 106.0 84.8 124.8
106 103.0 77.8 117.8

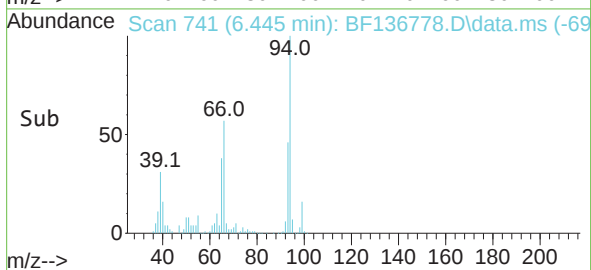
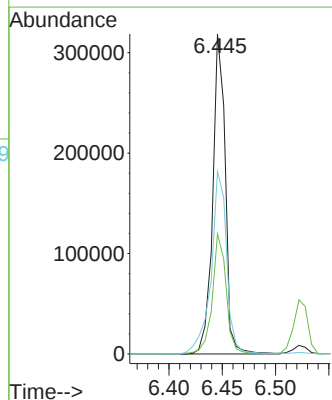
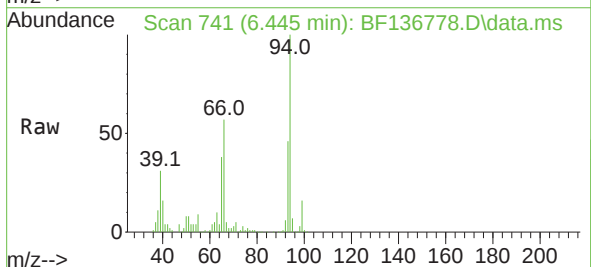
Manual Integrations
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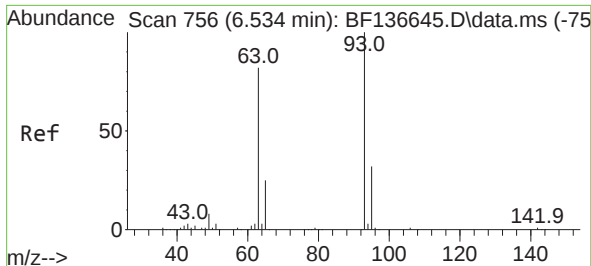
Reviewed By :Yogesh Patel 12/28/2023
Supervised By :mohammad ahmed 12/28/2023



#10
Phenol
Concen: 40.367 ng
RT: 6.445 min Scan# 741
Delta R.T. -0.006 min
Lab File: BF136778.D
Acq: 28 Dec 2023 01:37

Tgt Ion: 94 Resp: 262628
Ion Ratio Lower Upper
94 100
65 37.6 16.6 56.6
66 57.1 32.6 72.6





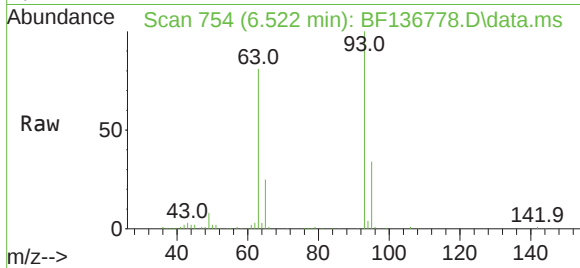
#11
bis(2-Chloroethyl)ether
Concen: 41.336 ng
RT: 6.522 min Scan# 756
Delta R.T. -0.012 min
Lab File: BF136778.D
Acq: 28 Dec 2023 01:37

Instrument :

BNA_F

ClientSampleId :

EAST-WALLMSD



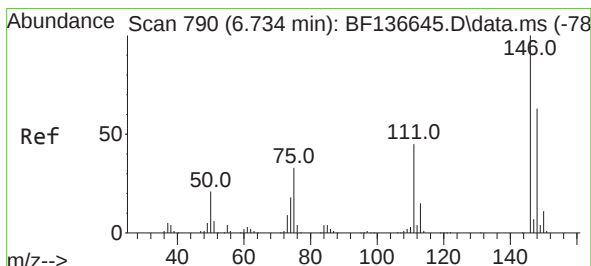
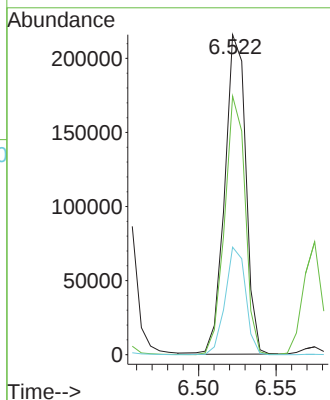
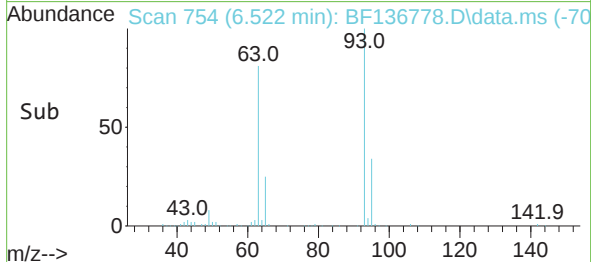
Tgt Ion: 93 Resp: 204518
Ion Ratio Lower Upper
93 100
63 80.8 61.2 101.2
95 33.6 11.6 51.6

Manual Integrations

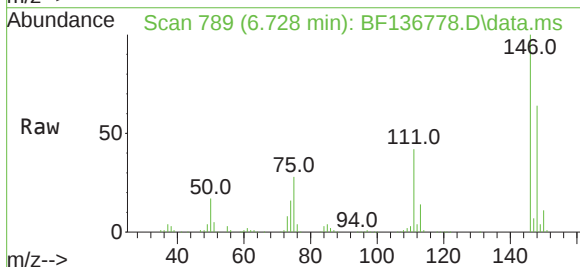
APPROVED

Reviewed By :Yogesh Patel 12/28/2023

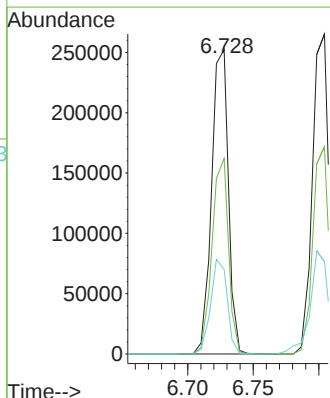
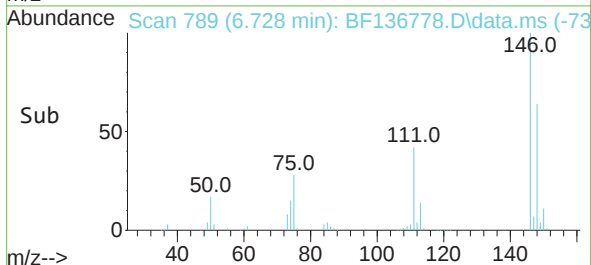
Supervised By :mohammad ahmed 12/28/2023

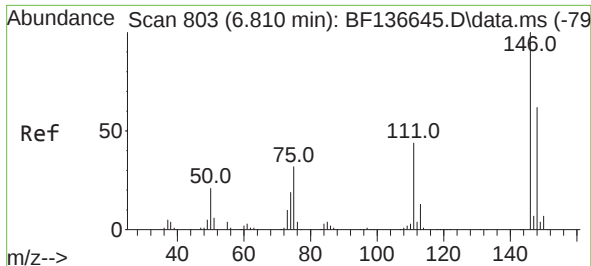


#12
1,3-Dichlorobenzene
Concen: 39.958 ng
RT: 6.728 min Scan# 789
Delta R.T. -0.006 min
Lab File: BF136778.D
Acq: 28 Dec 2023 01:37



Tgt Ion:146 Resp: 224364
Ion Ratio Lower Upper
146 100
148 64.3 50.5 75.7
75 27.8 26.2 39.4





#13

1,4-Dichlorobenzene

Concen: 39.743 ng

RT: 6.804 min Scan# 803

Delta R.T. -0.006 min

Lab File: BF136778.D

Acq: 28 Dec 2023 01:37

Instrument :

BNA_F

ClientSampleId :

EAST-WALLMSD

Tgt Ion:146 Resp: 228015

Ion Ratio Lower Upper

146 100

148 64.8 49.2 73.8

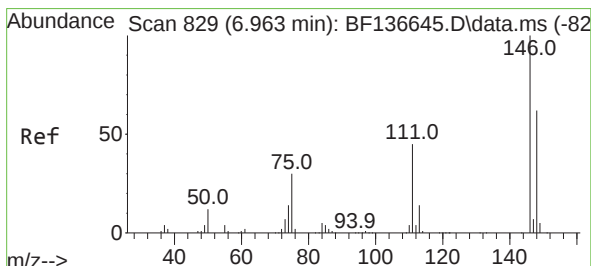
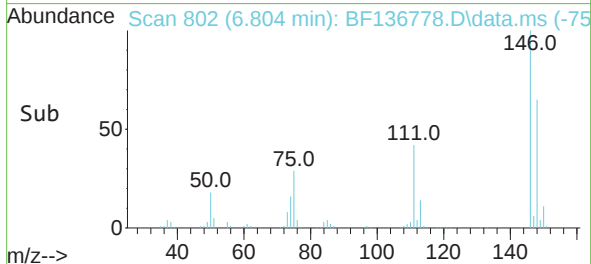
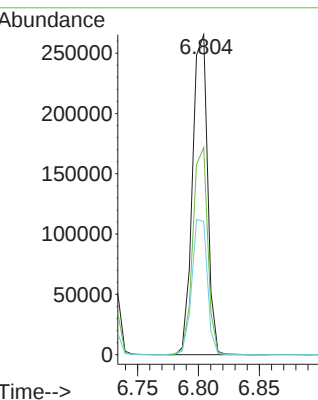
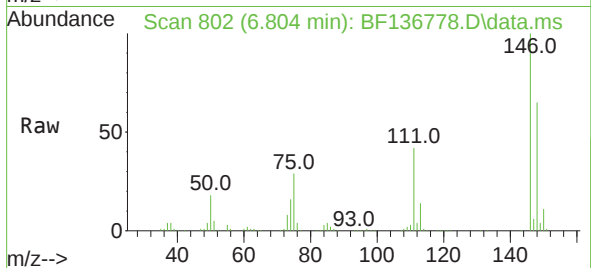
111 41.6 35.2 52.8

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 12/28/2023

Supervised By :mohammad ahmed 12/28/2023



#14

1,2-Dichlorobenzene

Concen: 40.656 ng

RT: 6.951 min Scan# 827

Delta R.T. -0.012 min

Lab File: BF136778.D

Acq: 28 Dec 2023 01:37

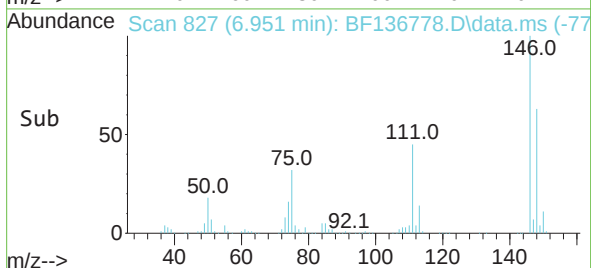
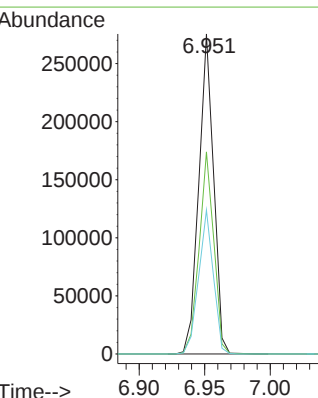
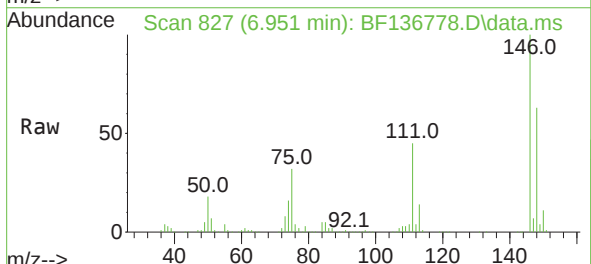
Tgt Ion:146 Resp: 217046

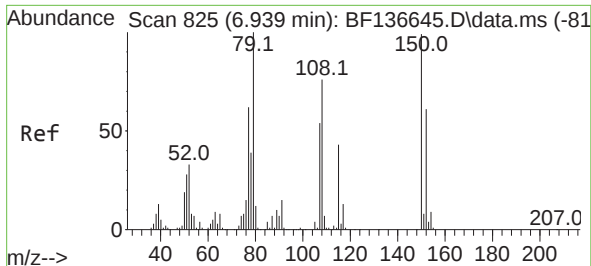
Ion Ratio Lower Upper

146 100

148 63.1 49.6 74.4

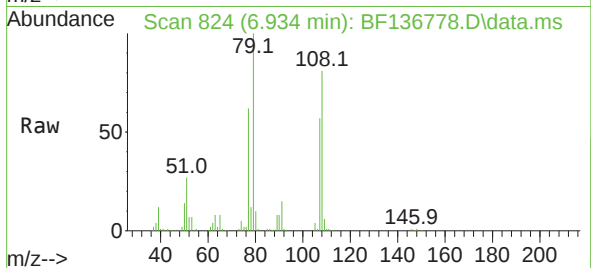
111 45.0 36.2 54.2





#15
Benzyl Alcohol
Concen: 43.622 ng
RT: 6.934 min Scan# 81
Delta R.T. -0.006 min
Lab File: BF136778.D
Acq: 28 Dec 2023 01:37

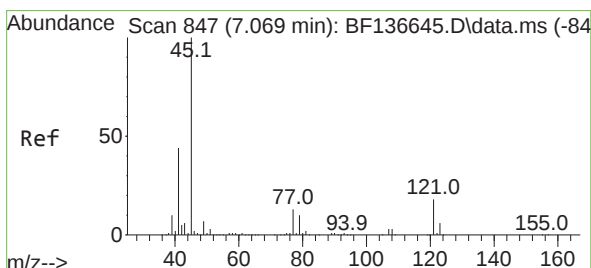
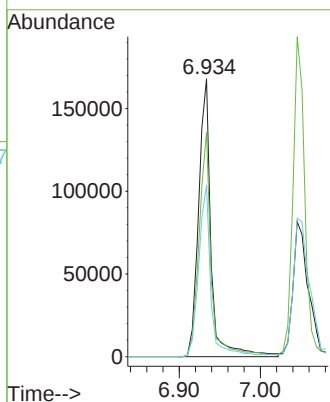
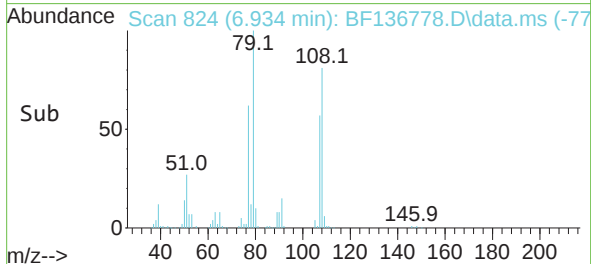
Instrument :
BNA_F
ClientSampleId :
EAST-WALLMSD



Tgt Ion: 79 Resp: 179350
Ion Ratio Lower Upper
79 100
108 80.8 61.0 91.6
77 61.7 49.8 74.8

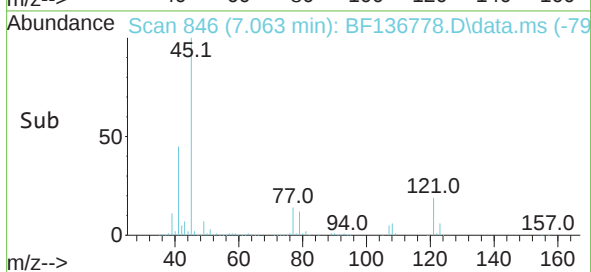
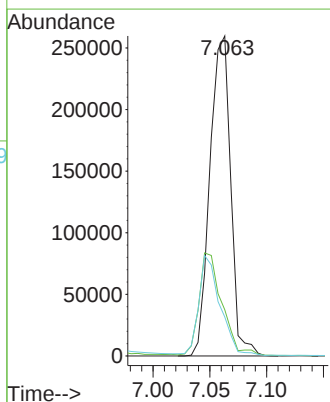
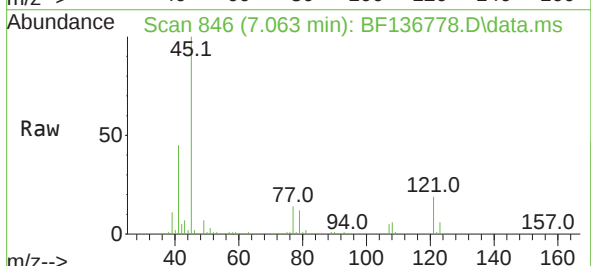
Manual Integrations
APPROVED

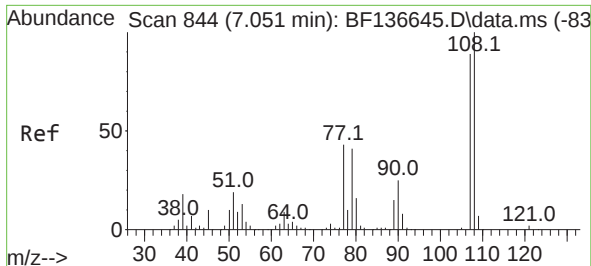
Reviewed By :Yogesh Patel 12/28/2023
Supervised By :mohammad ahmed 12/28/2023



#16
2,2'-oxybis(1-Chloropropane)
Concen: 40.830 ng
RT: 7.063 min Scan# 846
Delta R.T. -0.006 min
Lab File: BF136778.D
Acq: 28 Dec 2023 01:37

Tgt Ion: 45 Resp: 330276
Ion Ratio Lower Upper
45 100
77 14.4 0.0 34.3
79 12.2 0.0 31.4





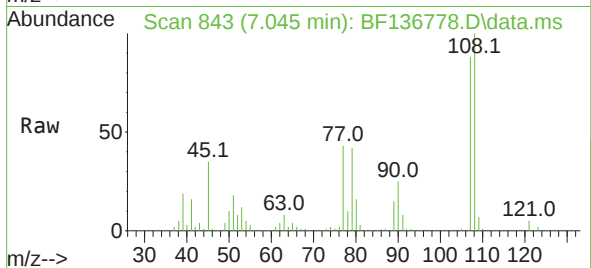
#17
2-Methylphenol
Concen: 40.415 ng
RT: 7.045 min Scan# 844
Delta R.T. -0.006 min
Lab File: BF136778.D
Acq: 28 Dec 2023 01:37

Instrument :

BNA_F

ClientSampleId :

EAST-WALLMSD

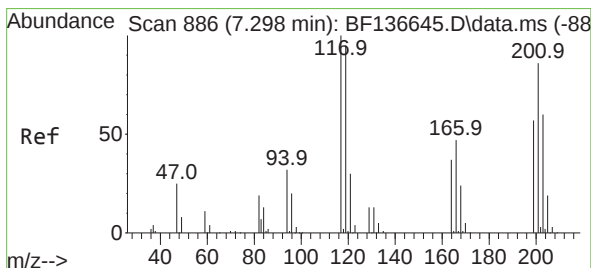
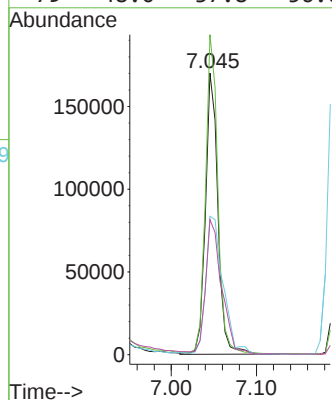


Tgt Ion:107 Resp: 17233
Ion Ratio Lower Upper
107 100
108 113.7 90.3 135.5
77 49.2 38.7 58.1
79 48.0 37.8 56.6

Manual Integrations

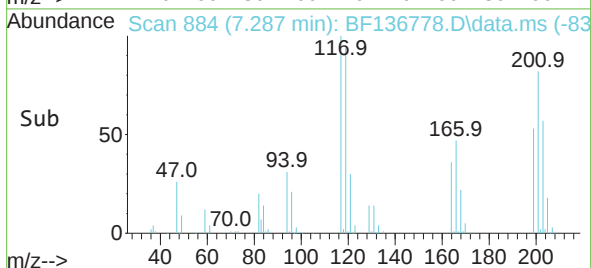
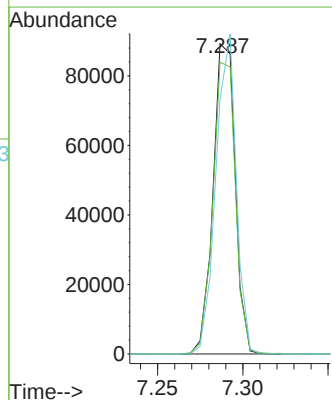
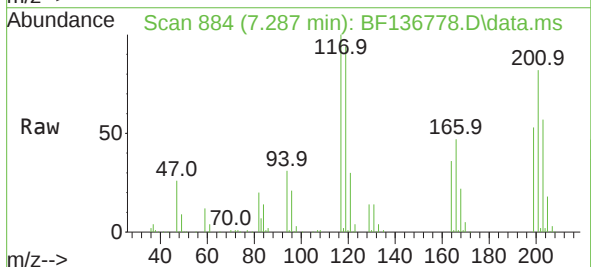
APPROVED

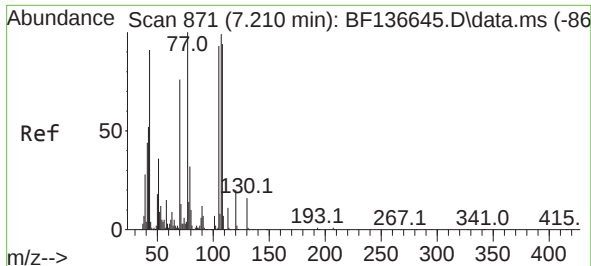
Reviewed By :Yogesh Patel 12/28/2023
Supervised By :mohammad ahmed 12/28/2023



#18
Hexachloroethane
Concen: 38.606 ng
RT: 7.287 min Scan# 884
Delta R.T. -0.012 min
Lab File: BF136778.D
Acq: 28 Dec 2023 01:37

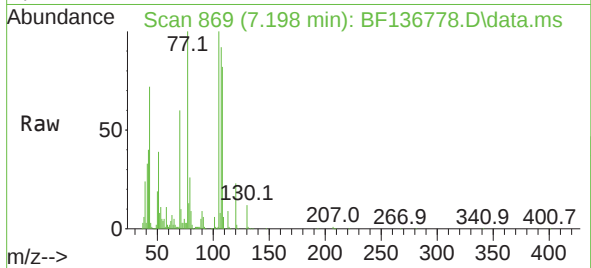
Tgt Ion:117 Resp: 80440
Ion Ratio Lower Upper
117 100
119 94.0 75.8 113.6
201 82.1 69.1 103.7





#19
n-Nitroso-di-n-propylamine
Concen: 41.059 ng
RT: 7.198 min Scan# 869
Delta R.T. -0.012 min
Lab File: BF136778.D
Acq: 28 Dec 2023 01:37

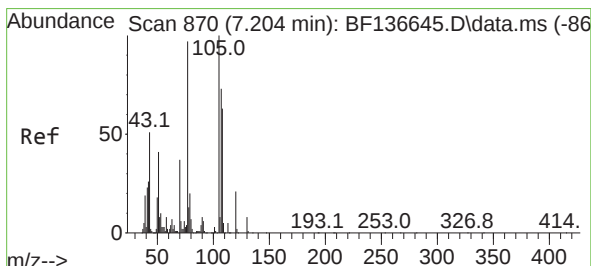
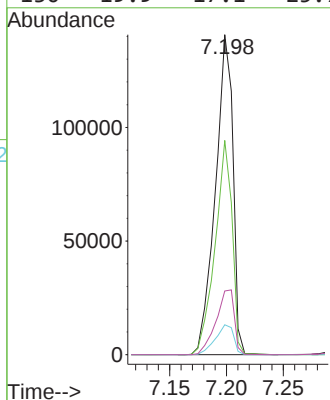
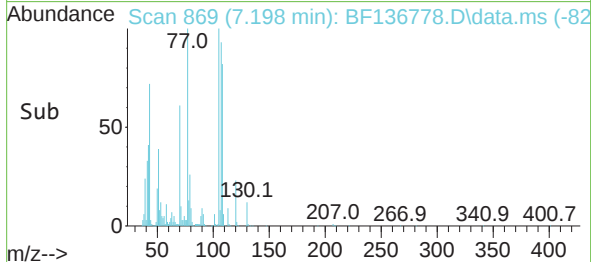
Instrument :
BNA_F
ClientSampleId :
EAST-WALLMSD



Tgt Ion: 70 Resp: 151692
Ion Ratio Lower Upper
70 100
42 67.0 54.2 81.4
101 9.4 7.6 11.4
130 19.9 17.1 25.7

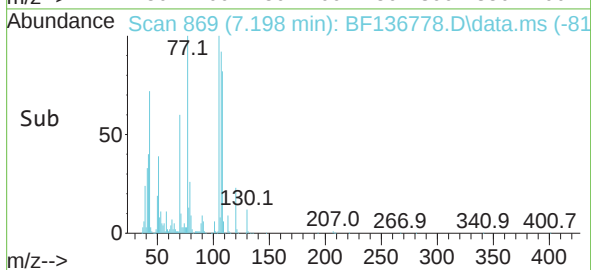
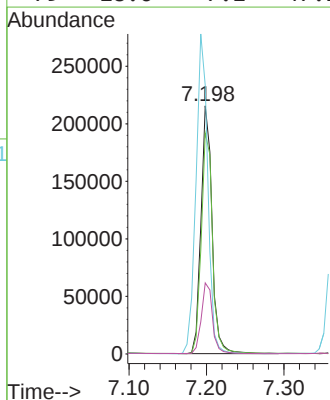
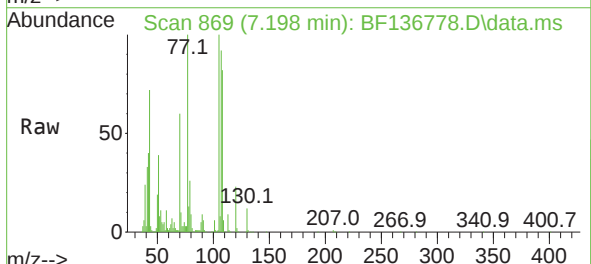
Manual Integrations
APPROVED

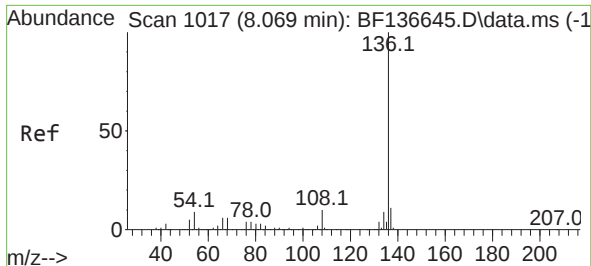
Reviewed By :Yogesh Patel 12/28/2023
Supervised By :mohammad ahmed 12/28/2023



#20
3+4-Methylphenols
Concen: 40.159 ng
RT: 7.198 min Scan# 869
Delta R.T. -0.006 min
Lab File: BF136778.D
Acq: 28 Dec 2023 01:37

Tgt Ion:107 Resp: 213934
Ion Ratio Lower Upper
107 100
108 89.1 66.0 106.0
77 108.2 114.2 154.2#
79 28.6 7.2 47.2





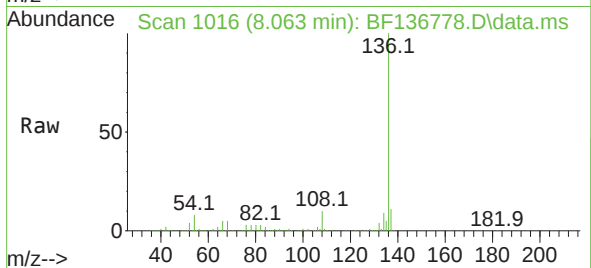
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.063 min Scan# 1017
Delta R.T. -0.006 min
Lab File: BF136778.D
Acq: 28 Dec 2023 01:37

Instrument :

BNA_F

ClientSampleId :

EAST-WALLMSD

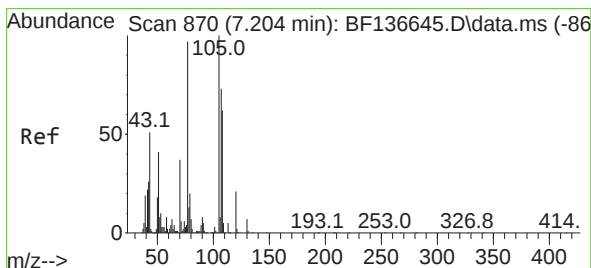
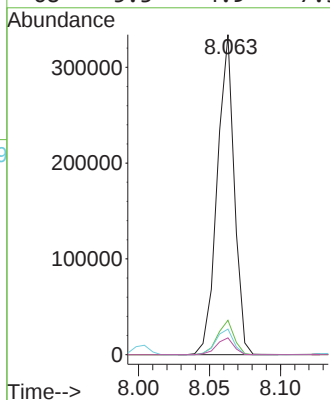
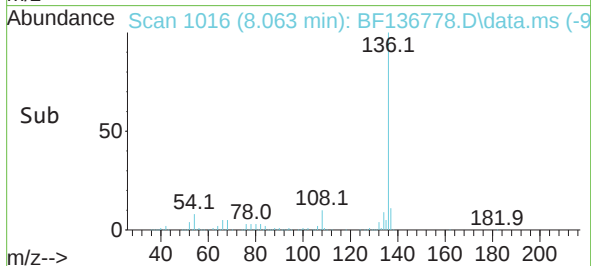


Tgt Ion:136 Resp: 278290
Ion Ratio Lower Upper
136 100
137 10.8 9.0 13.4
54 8.0 7.2 10.8
68 5.3 4.9 7.3

Manual Integrations

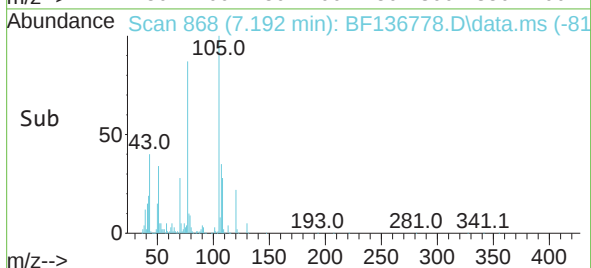
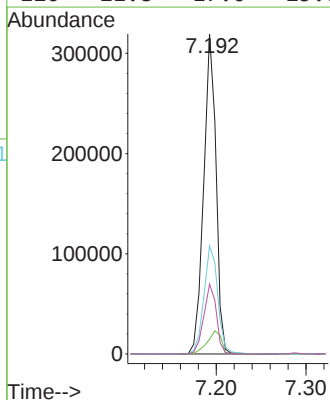
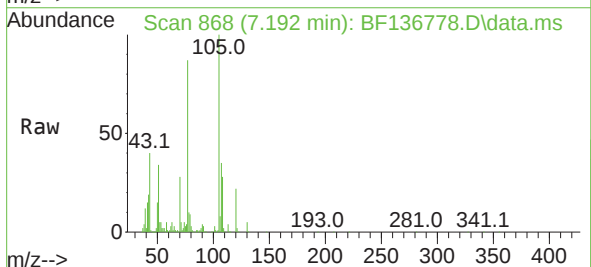
APPROVED

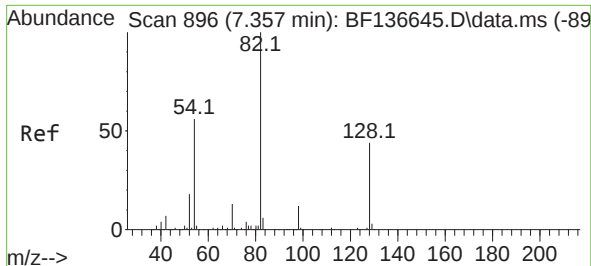
Reviewed By :Yogesh Patel 12/28/2023
Supervised By :mohammad ahmed 12/28/2023



#22
Acetophenone
Concen: 43.595 ng
RT: 7.192 min Scan# 868
Delta R.T. -0.012 min
Lab File: BF136778.D
Acq: 28 Dec 2023 01:37

Tgt Ion:105 Resp: 304093
Ion Ratio Lower Upper
105 100
71 4.5 4.8 7.2#
51 33.8 32.8 49.2
120 21.8 17.0 25.6





#23

Nitrobenzene-d5

Concen: 58.892 ng

RT: 7.345 min Scan# 896

Delta R.T. -0.012 min

Lab File: BF136778.D

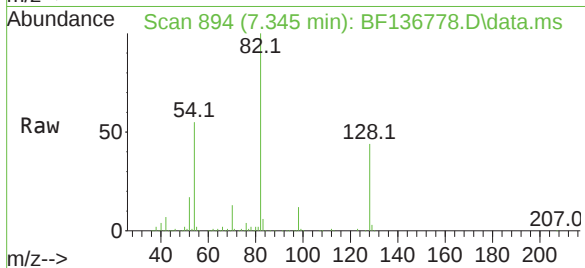
Acq: 28 Dec 2023 01:37

Instrument :

BNA_F

ClientSampleId :

EAST-WALLMSD

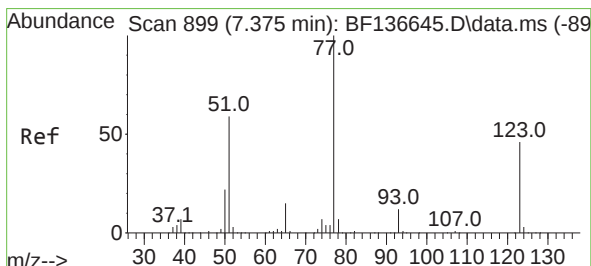
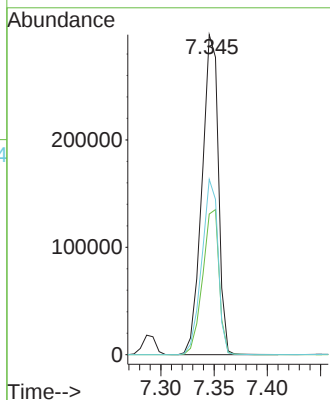
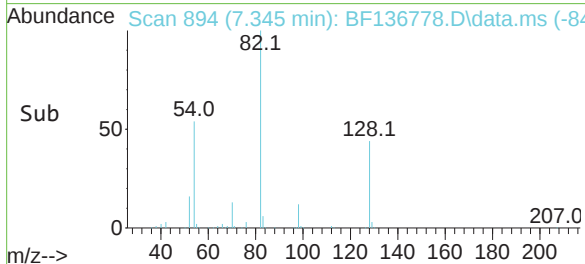


Tgt Ion:	82	Resp:	32028
Ion	Ratio	Lower	Upper
82	100		
128	43.9	35.3	52.9
54	54.8	44.5	66.7

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 12/28/2023
Supervised By :mohammad ahmed 12/28/2023



#24

Nitrobenzene

Concen: 40.238 ng

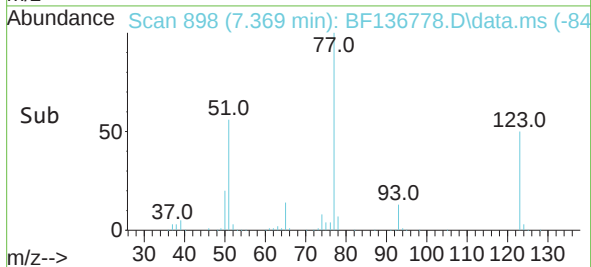
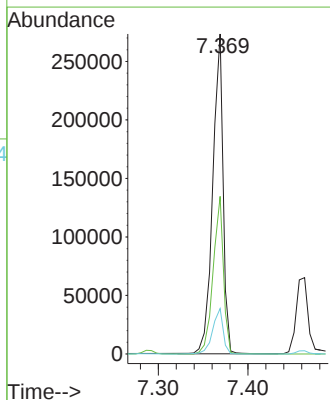
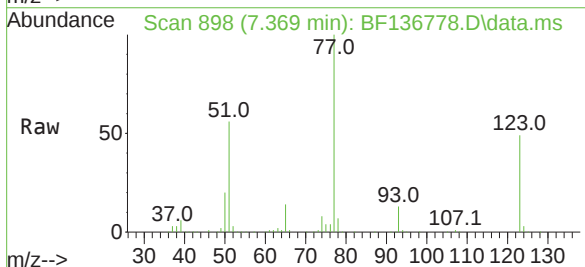
RT: 7.369 min Scan# 898

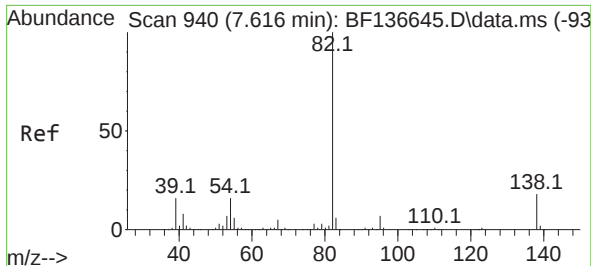
Delta R.T. -0.006 min

Lab File: BF136778.D

Acq: 28 Dec 2023 01:37

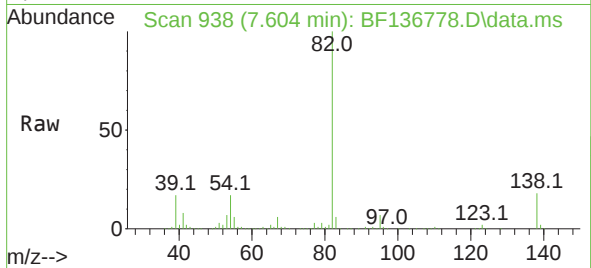
Tgt Ion:	77	Resp:	219218
Ion	Ratio	Lower	Upper
77	100		
123	49.2	36.7	55.1
65	14.2	11.8	17.6





#25
Isophorone
Concen: 40.951 ng
RT: 7.604 min Scan# 910
Delta R.T. -0.012 min
Lab File: BF136778.D
Acq: 28 Dec 2023 01:37

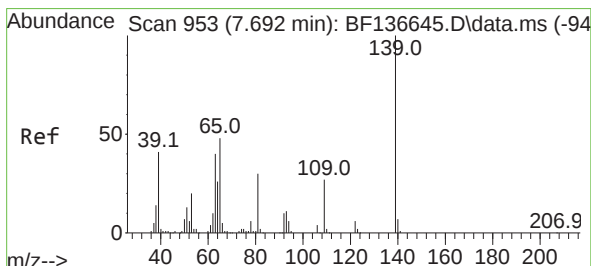
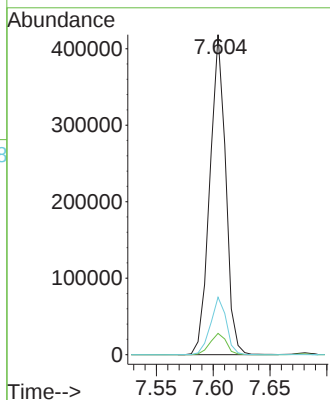
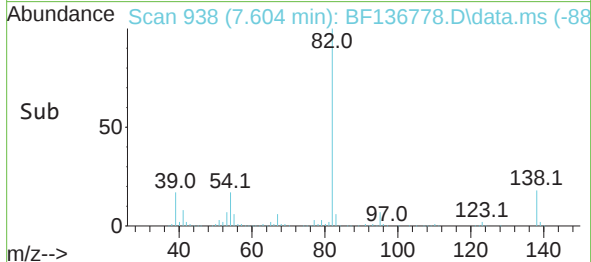
Instrument :
BNA_F
ClientSampleId :
EAST-WALLMSD



Tgt Ion: 82 Resp: 405250
Ion Ratio Lower Upper
82 100
95 6.7 5.5 8.3
138 18.0 14.5 21.7

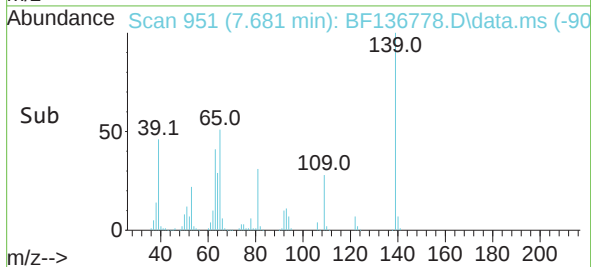
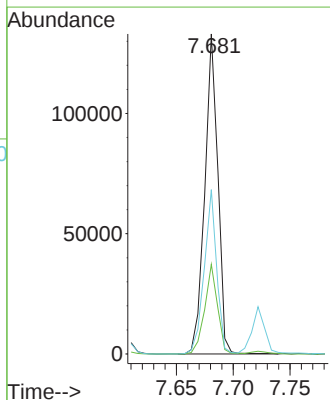
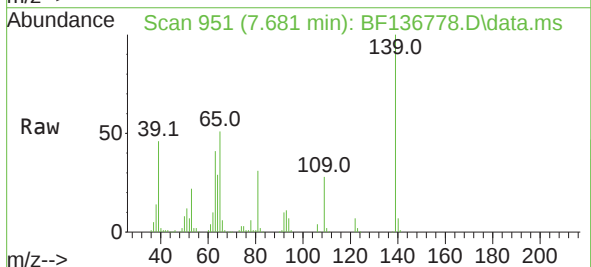
Manual Integrations
APPROVED

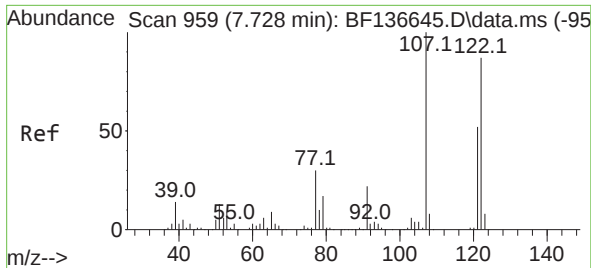
Reviewed By :Yogesh Patel 12/28/2023
Supervised By :mohammad ahmed 12/28/2023



#26
2-Nitrophenol
Concen: 40.755 ng
RT: 7.681 min Scan# 951
Delta R.T. -0.012 min
Lab File: BF136778.D
Acq: 28 Dec 2023 01:37

Tgt Ion:139 Resp: 106230
Ion Ratio Lower Upper
139 100
109 28.0 21.9 32.9
65 51.4 38.6 58.0





#27
2,4-Dimethylphenol
Concen: 51.836 ng
RT: 7.722 min Scan# 910
Delta R.T. -0.006 min
Lab File: BF136778.D
Acq: 28 Dec 2023 01:37

Instrument :

BNA_F

ClientSampleId :

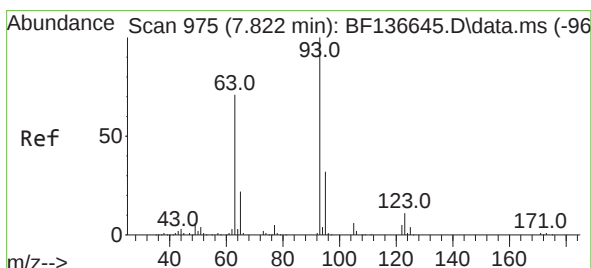
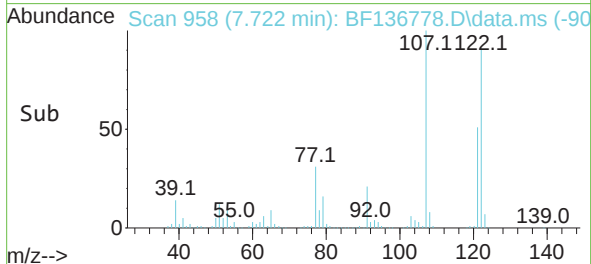
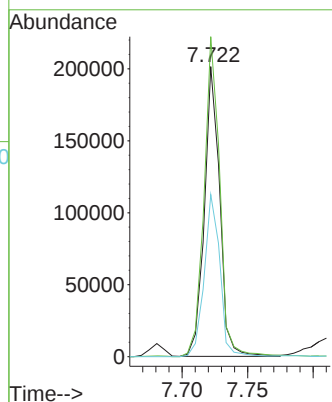
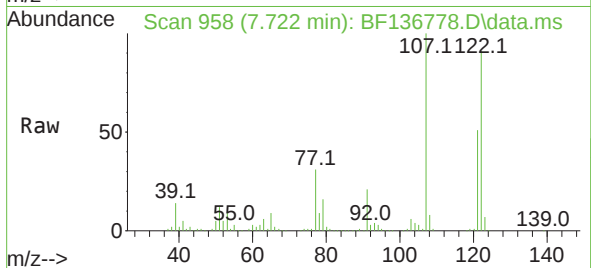
EAST-WALLMSD

Tgt Ion:122 Resp: 16449
Ion Ratio Lower Upper
122 100
107 110.3 92.0 138.0
121 55.9 47.5 71.3

Manual Integrations

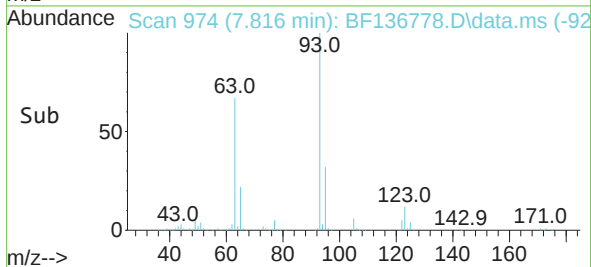
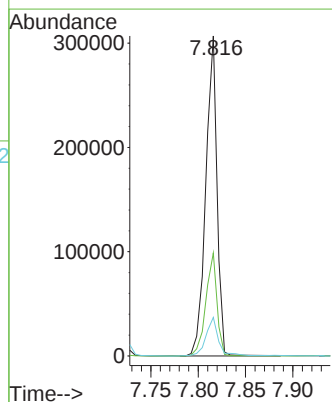
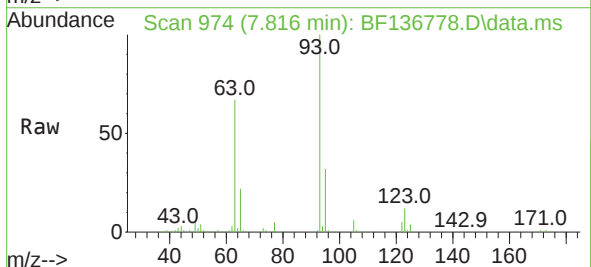
APPROVED

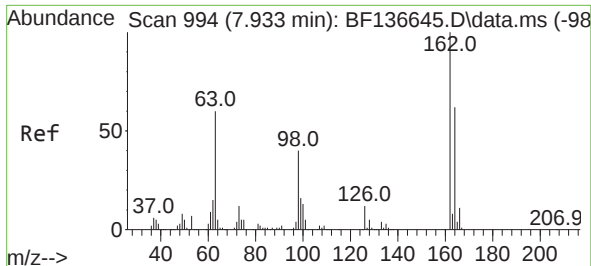
Reviewed By :Yogesh Patel 12/28/2023
Supervised By :mohammad ahmed 12/28/2023



#28
bis(2-Chloroethoxy)methane
Concen: 42.319 ng
RT: 7.816 min Scan# 974
Delta R.T. -0.006 min
Lab File: BF136778.D
Acq: 28 Dec 2023 01:37

Tgt Ion: 93 Resp: 254562
Ion Ratio Lower Upper
93 100
95 32.2 25.5 38.3
123 12.1 9.2 13.8





#29

2,4-Dichlorophenol

Concen: 41.722 ng

RT: 7.928 min Scan# 994

Delta R.T. -0.006 min

Lab File: BF136778.D

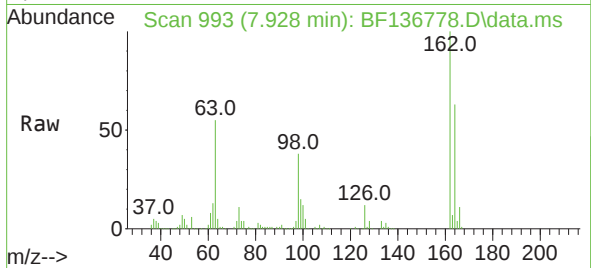
Acq: 28 Dec 2023 01:37

Instrument :

BNA_F

ClientSampleId :

EAST-WALLMSD



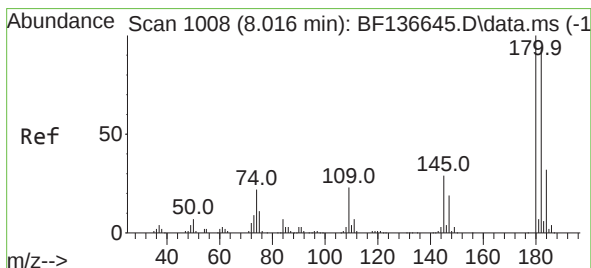
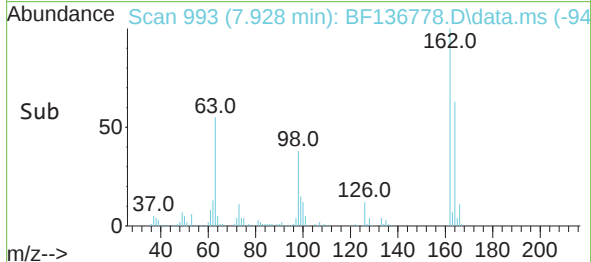
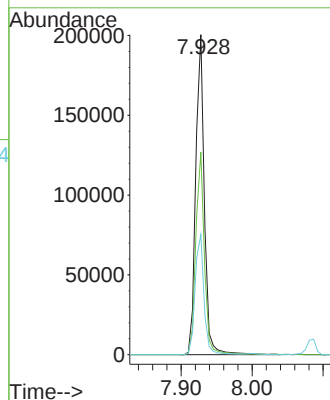
Tgt Ion:	162	Resp:	170450
Ion Ratio	Lower	Upper	
162	100		
164	63.3	41.7	81.7
98	37.6	19.5	59.5

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 12/28/2023

Supervised By :mohammad ahmed 12/28/2023



#30

1,2,4-Trichlorobenzene

Concen: 41.292 ng

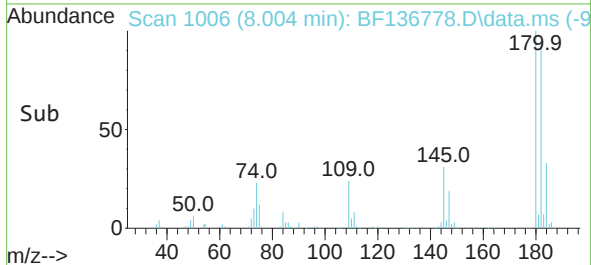
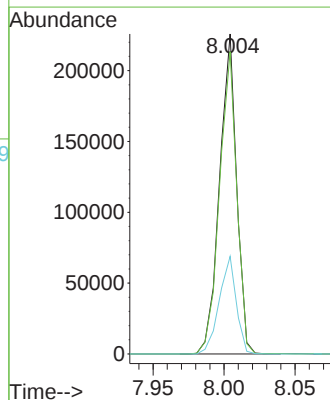
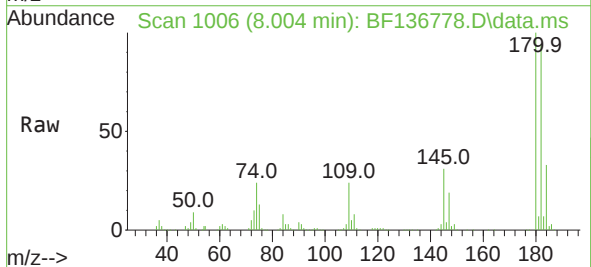
RT: 8.004 min Scan# 1006

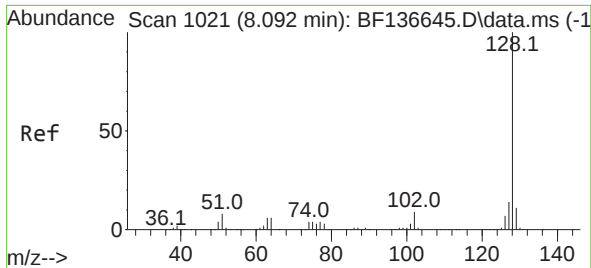
Delta R.T. -0.012 min

Lab File: BF136778.D

Acq: 28 Dec 2023 01:37

Tgt Ion:	180	Resp:	187955
Ion Ratio	Lower	Upper	
180	100		
182	94.4	75.4	113.0
145	30.5	23.1	34.7





#31
Naphthalene
Concen: 41.132 ng
RT: 8.087 min Scan# 1021
Delta R.T. -0.006 min
Lab File: BF136778.D
Acq: 28 Dec 2023 01:37

Instrument :

BNA_F

ClientSampleId :

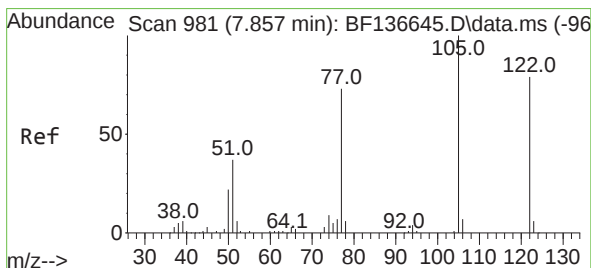
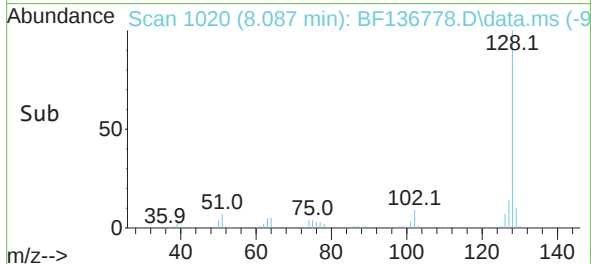
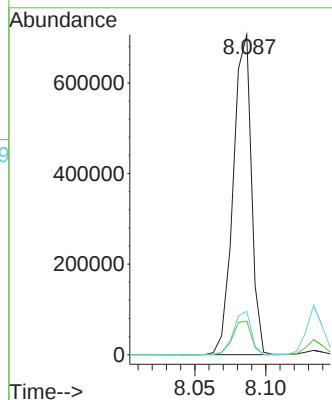
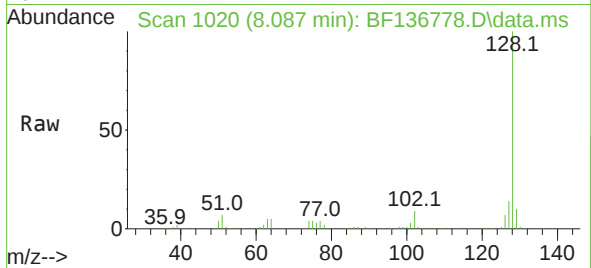
EAST-WALLMSD

Tgt Ion:128 Resp: 62885
Ion Ratio Lower Upper
128 100
129 10.5 8.7 13.1
127 13.6 10.8 16.2

Manual Integrations

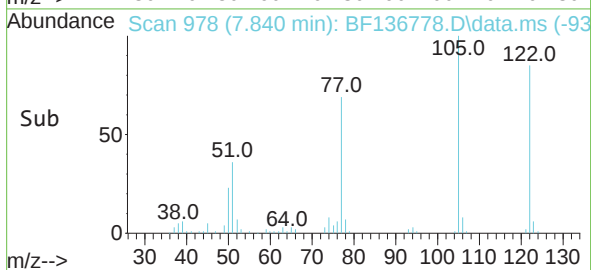
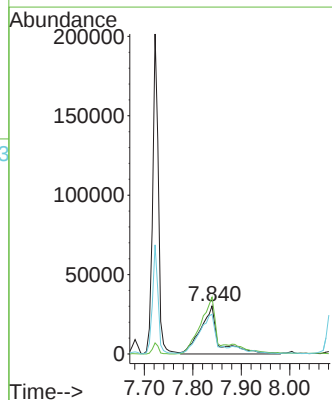
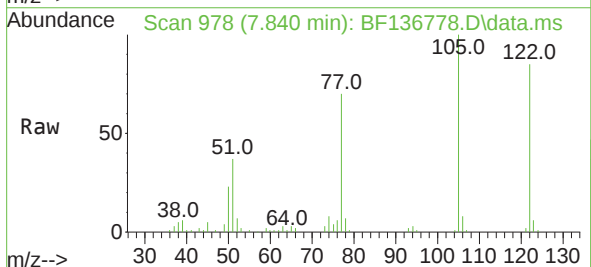
APPROVED

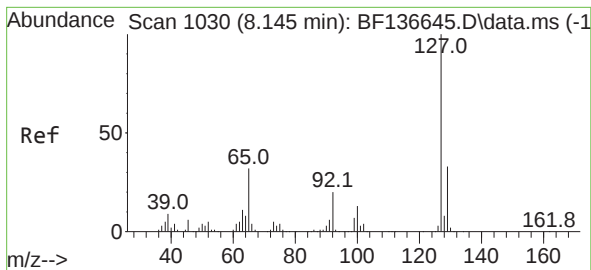
Reviewed By :Yogesh Patel 12/28/2023
Supervised By :mohammad ahmed 12/28/2023



#32
Benzoic acid
Concen: 26.500 ng m
RT: 7.840 min Scan# 978
Delta R.T. -0.017 min
Lab File: BF136778.D
Acq: 28 Dec 2023 01:37

Tgt Ion:122 Resp: 81366
Ion Ratio Lower Upper
122 100
105 118.1 100.8 140.8
77 82.5 70.9 110.9





#33
4-Chloroaniline
Concen: 17.442 ng
RT: 8.134 min Scan# 1030
Delta R.T. -0.012 min
Lab File: BF136778.D
Acq: 28 Dec 2023 01:37

Instrument :

BNA_F

ClientSampleId :

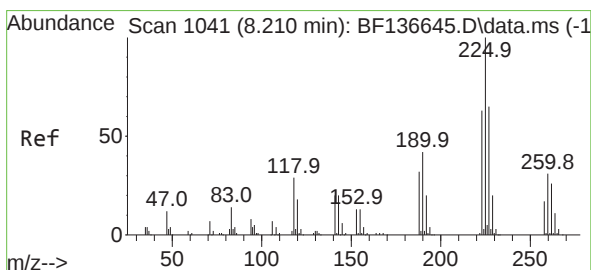
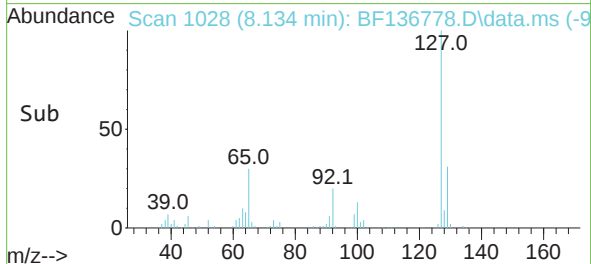
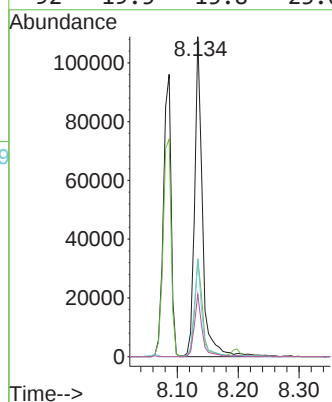
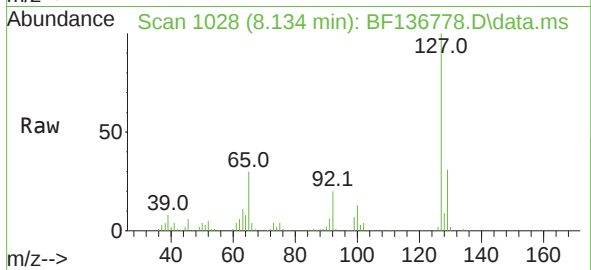
EAST-WALLMSD

Tgt Ion:	127	Resp:	98450
Ion Ratio	Lower	Upper	
127	100		
129	30.6	26.3	39.5
65	30.4	25.8	38.8
92	19.5	15.8	23.6

Manual Integrations

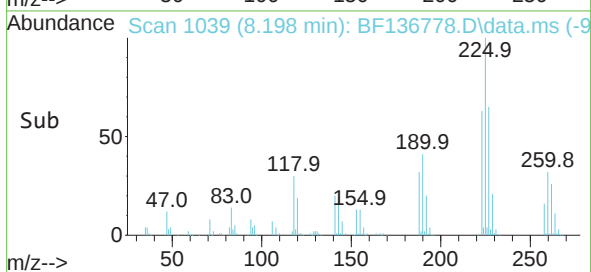
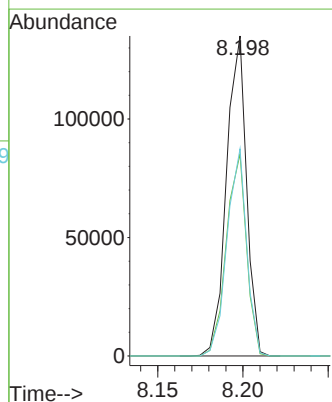
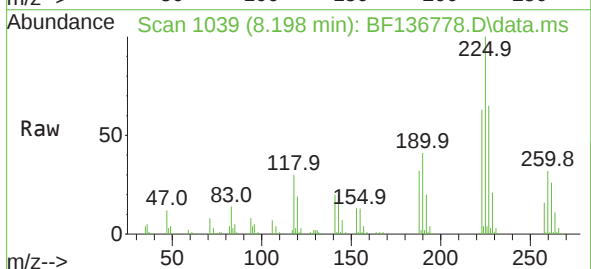
APPROVED

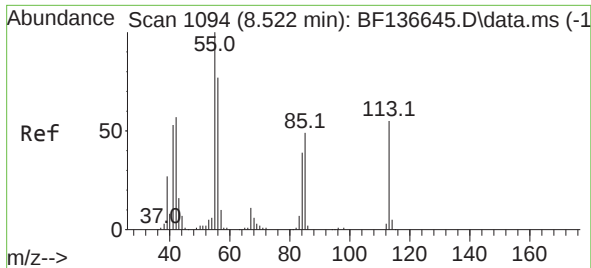
Reviewed By :Yogesh Patel 12/28/2023
Supervised By :mohammad ahmed 12/28/2023



#34
Hexachlorobutadiene
Concen: 39.848 ng
RT: 8.198 min Scan# 1039
Delta R.T. -0.012 min
Lab File: BF136778.D
Acq: 28 Dec 2023 01:37

Tgt Ion:	225	Resp:	110203
Ion Ratio	Lower	Upper	
225	100		
223	63.1	50.6	76.0
227	64.7	51.9	77.9





#35
 Caprolactam
 Concen: 36.916 ng
 RT: 8.516 min Scan# 1093
 Delta R.T. -0.006 min
 Lab File: BF136778.D
 Acq: 28 Dec 2023 01:37

Instrument :

BNA_F

ClientSampleId :

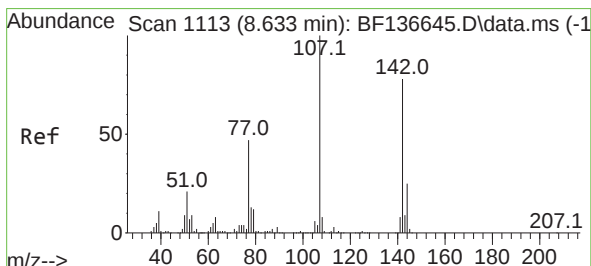
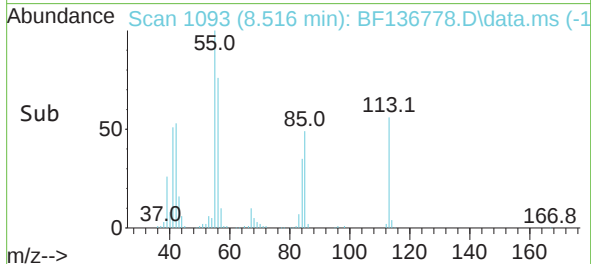
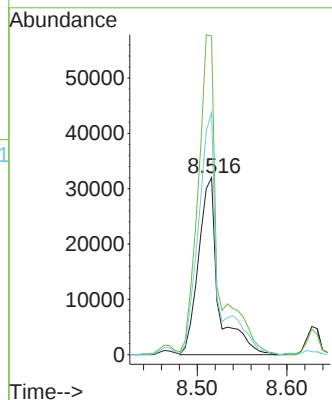
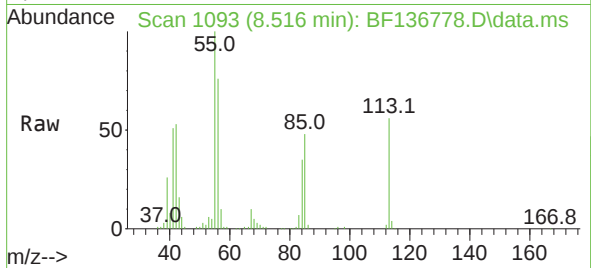
EAST-WALLMSD

Tgt Ion:113 Resp: 49754
 Ion Ratio Lower Upper
 113 100
 55 180.1 163.1 203.1
 56 136.8 121.7 161.7

Manual Integrations

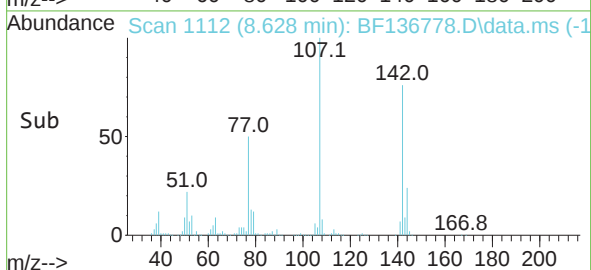
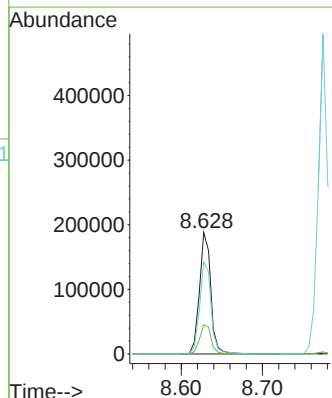
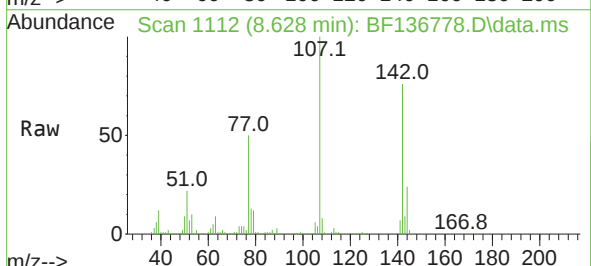
APPROVED

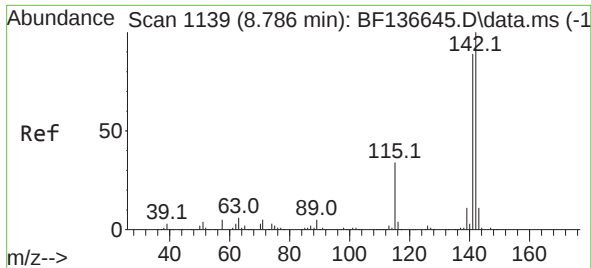
Reviewed By :Yogesh Patel 12/28/2023
 Supervised By :mohammad ahmed 12/28/2023



#36
 4-Chloro-3-methylphenol
 Concen: 39.895 ng
 RT: 8.628 min Scan# 1112
 Delta R.T. -0.006 min
 Lab File: BF136778.D
 Acq: 28 Dec 2023 01:37

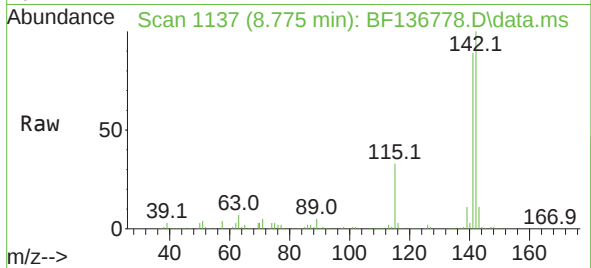
Tgt Ion:107 Resp: 183486
 Ion Ratio Lower Upper
 107 100
 144 23.9 20.2 30.2
 142 75.8 62.3 93.5





#37
2-Methylnaphthalene
Concen: 39.986 ng
RT: 8.775 min Scan# 1137
Delta R.T. -0.012 min
Lab File: BF136778.D
Acq: 28 Dec 2023 01:37

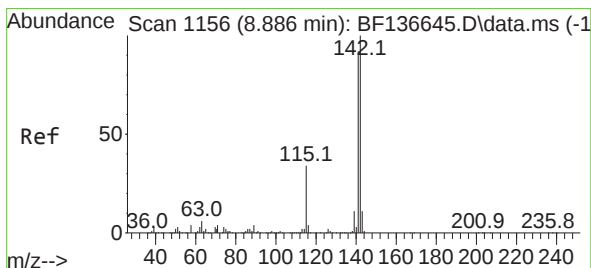
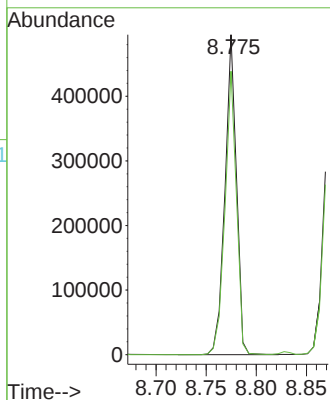
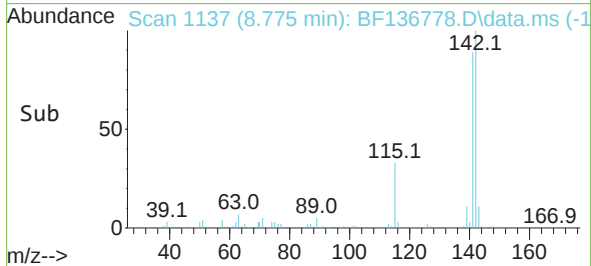
Instrument :
BNA_F
ClientSampleId :
EAST-WALLMSD



Tgt Ion:142 Resp: 39344
Ion Ratio Lower Upper
142 100
141 88.6 71.1 106.7

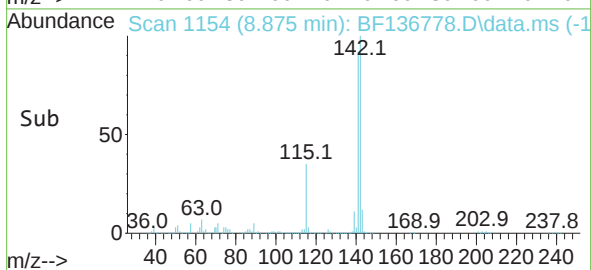
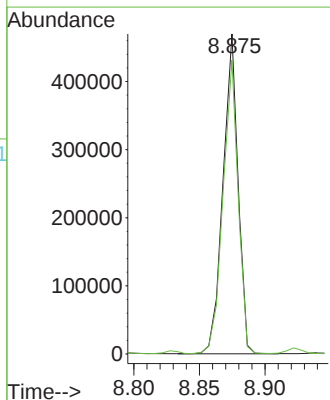
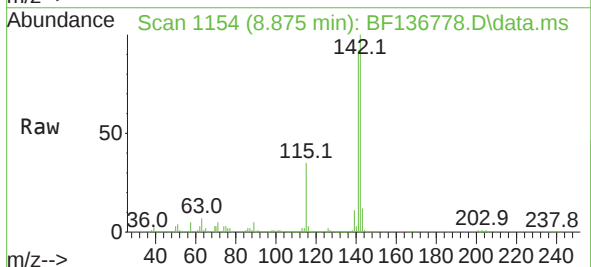
Manual Integrations
APPROVED

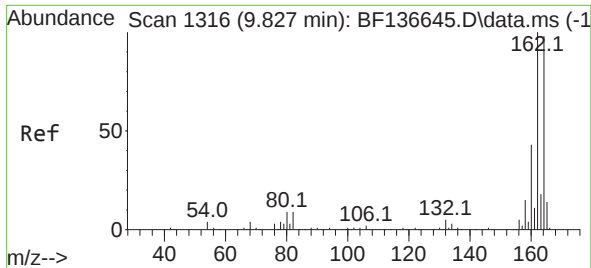
Reviewed By :Yogesh Patel 12/28/2023
Supervised By :mohammad ahmed 12/28/2023



#38
1-Methylnaphthalene
Concen: 38.880 ng
RT: 8.875 min Scan# 1154
Delta R.T. -0.012 min
Lab File: BF136778.D
Acq: 28 Dec 2023 01:37

Tgt Ion:142 Resp: 375320
Ion Ratio Lower Upper
142 100
141 91.8 73.6 110.4





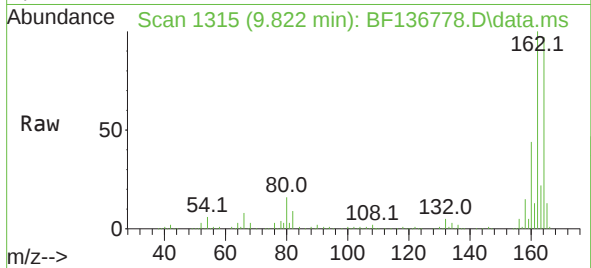
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.822 min Scan# 1165
Delta R.T. -0.006 min
Lab File: BF136778.D
Acq: 28 Dec 2023 01:37

Instrument :

BNA_F

ClientSampleId :

EAST-WALLMSD



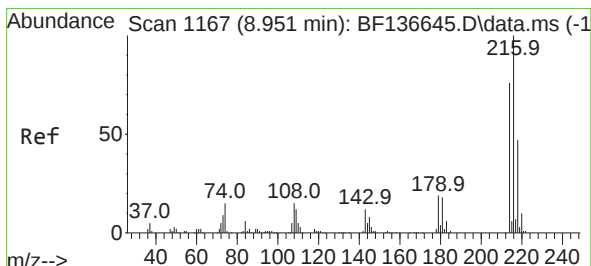
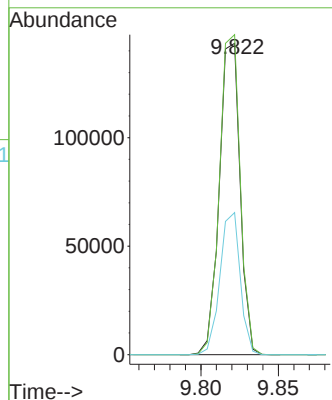
Tgt Ion:164 Resp: 134478
Ion Ratio Lower Upper
164 100
162 102.8 81.6 122.4
160 45.6 34.9 52.3

Manual Integrations

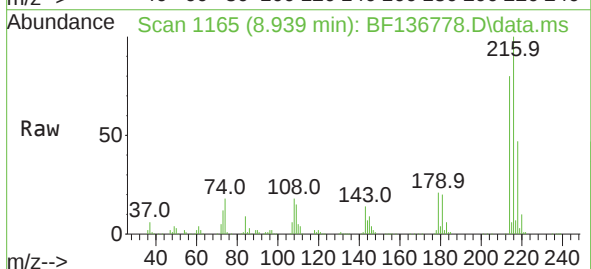
APPROVED

Reviewed By :Yogesh Patel 12/28/2023

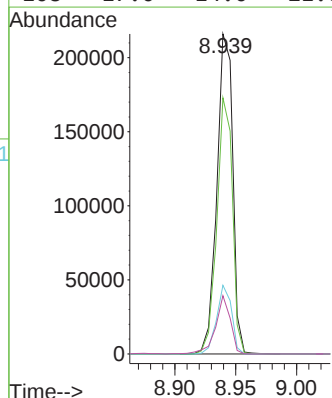
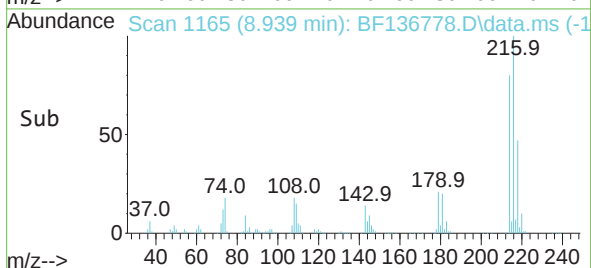
Supervised By :mohammad ahmed 12/28/2023

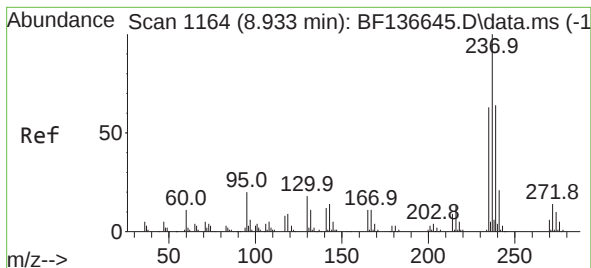


#40
1,2,4,5-Tetrachlorobenzene
Concen: 46.979 ng
RT: 8.939 min Scan# 1165
Delta R.T. -0.012 min
Lab File: BF136778.D
Acq: 28 Dec 2023 01:37



Tgt Ion:216 Resp: 195655
Ion Ratio Lower Upper
216 100
214 78.3 62.3 93.5
179 20.2 16.4 24.6
108 17.0 14.0 21.0





#41

Hexachlorocyclopentadiene

Concen: 45.279 ng

RT: 8.922 min Scan# 1162

Delta R.T. -0.012 min

Lab File: BF136778.D

Acq: 28 Dec 2023 01:37

Instrument :

BNA_F

ClientSampleId :

EAST-WALLMSD

Tgt Ion:237 Resp: 57119

Ion Ratio Lower Upper

237 100

235 62.1 43.2 83.2

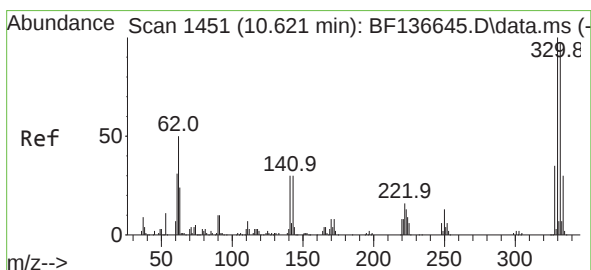
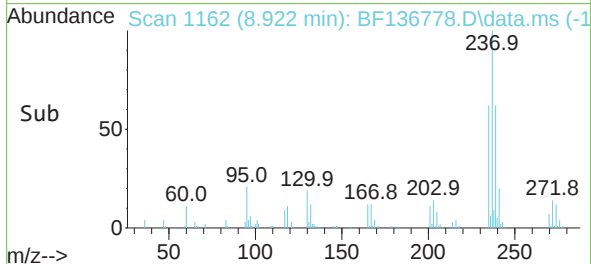
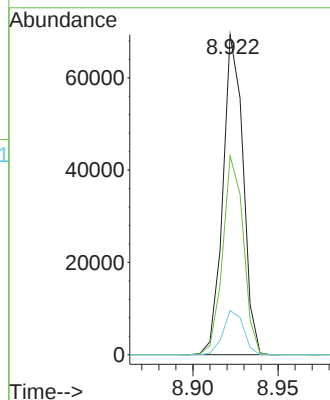
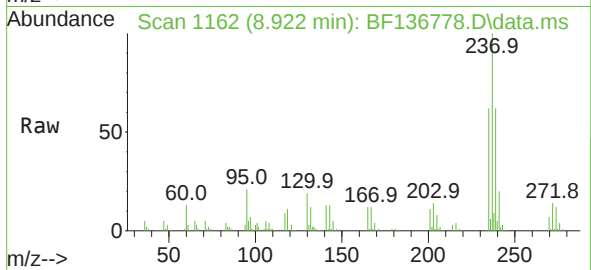
272 13.8 0.0 34.2

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 12/28/2023

Supervised By :mohammad ahmed 12/28/2023



#42

2,4,6-Tribromophenol

Concen: 75.610 ng

RT: 10.616 min Scan# 1450

Delta R.T. -0.006 min

Lab File: BF136778.D

Acq: 28 Dec 2023 01:37

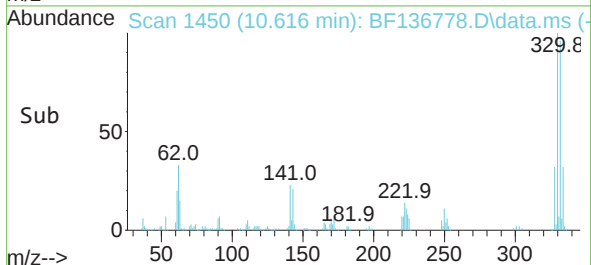
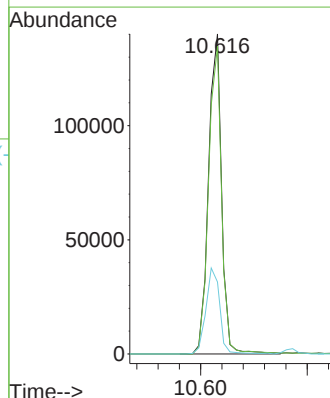
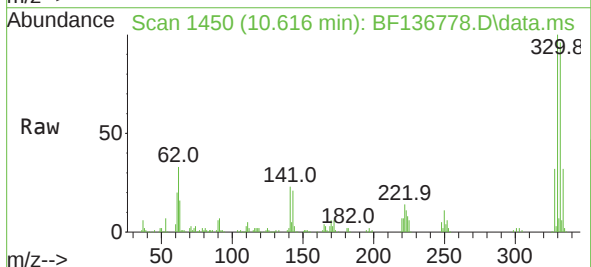
Tgt Ion:330 Resp: 119750

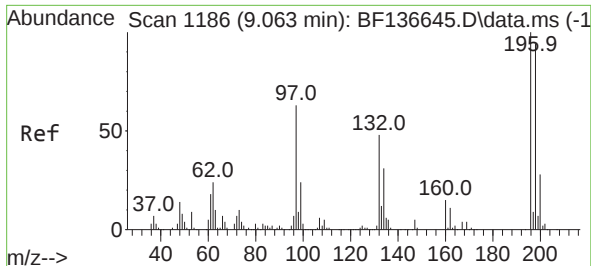
Ion Ratio Lower Upper

330 100

332 96.5 77.4 116.0

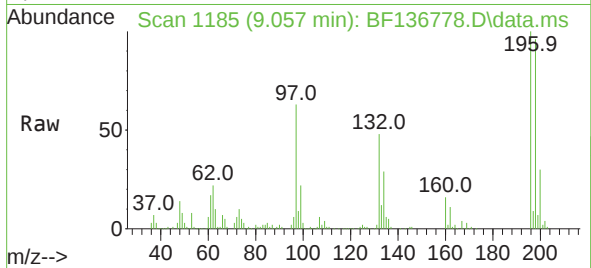
141 28.4 23.4 35.2





#43
2,4,6-Trichlorophenol
Concen: 42.773 ng
RT: 9.057 min Scan# 1185
Delta R.T. -0.006 min
Lab File: BF136778.D
Acq: 28 Dec 2023 01:37

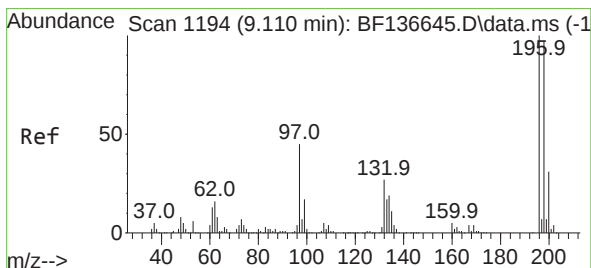
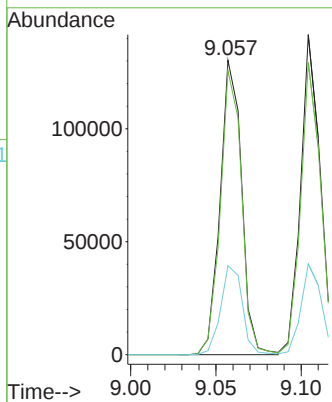
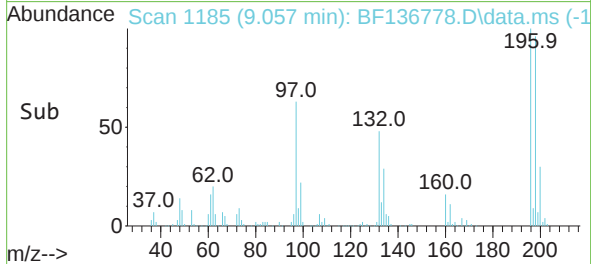
Instrument :
BNA_F
ClientSampleId :
EAST-WALLMSD



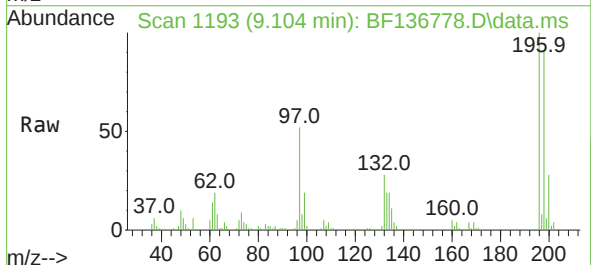
Tgt Ion:196 Resp: 114244
Ion Ratio Lower Upper
196 100
198 96.5 75.1 112.7
200 30.2 22.5 33.7

Manual Integrations
APPROVED

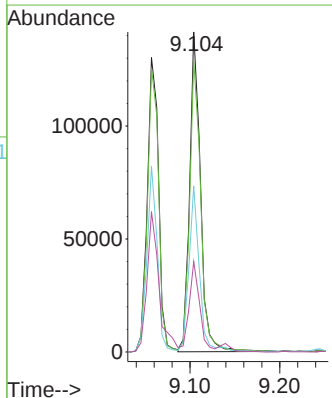
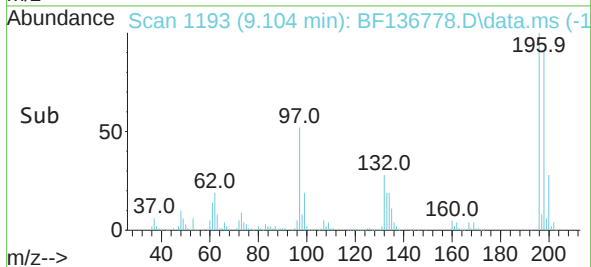
Reviewed By :Yogesh Patel 12/28/2023
Supervised By :mohammad ahmed 12/28/2023

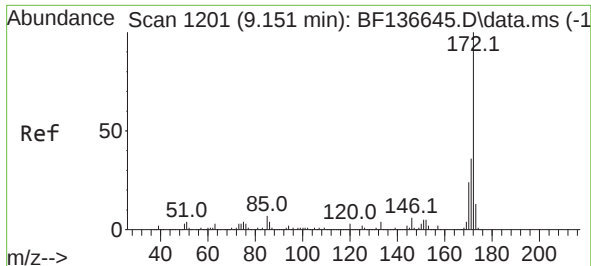


#44
2,4,5-Trichlorophenol
Concen: 40.173 ng
RT: 9.104 min Scan# 1193
Delta R.T. -0.006 min
Lab File: BF136778.D
Acq: 28 Dec 2023 01:37



Tgt Ion:196 Resp: 119570
Ion Ratio Lower Upper
196 100
198 91.3 77.0 115.6
97 51.9 36.1 54.1
132 28.2 21.8 32.6





#45

2-Fluorobiphenyl

Concen: 63.588 ng

RT: 9.139 min Scan# 1199

Delta R.T. -0.012 min

Lab File: BF136778.D

Acq: 28 Dec 2023 01:37

Instrument :

BNA_F

ClientSampleId :

EAST-WALLMSD

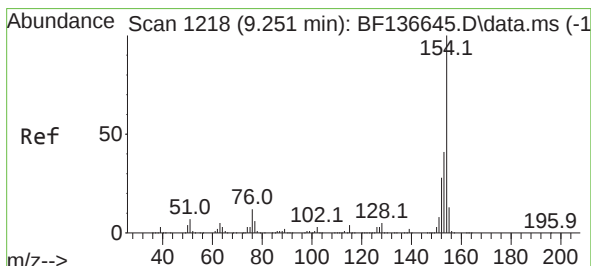
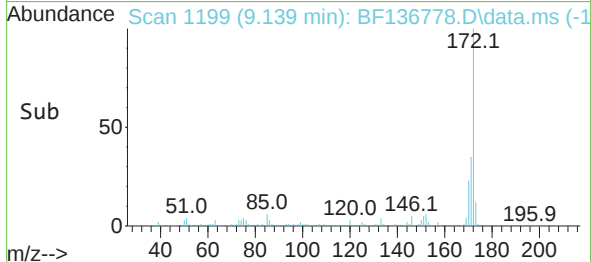
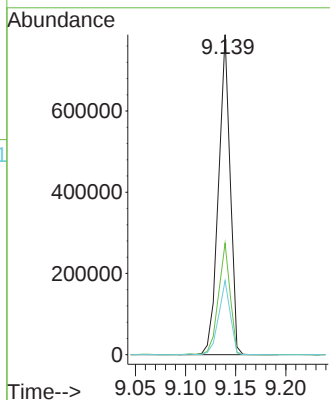
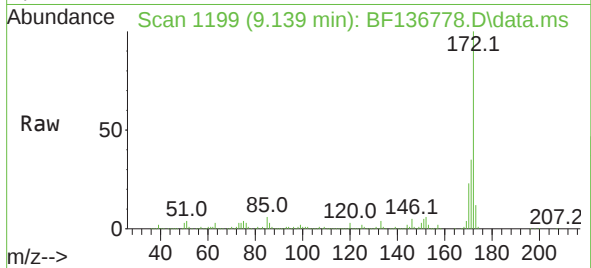
Tgt Ion:172 Resp: 635785
 Ion Ratio Lower Upper
 172 100
 171 34.9 29.0 43.6
 170 23.1 19.0 28.4

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 12/28/2023

Supervised By :mohammad ahmed 12/28/2023



#46

1,1'-Biphenyl

Concen: 45.645 ng

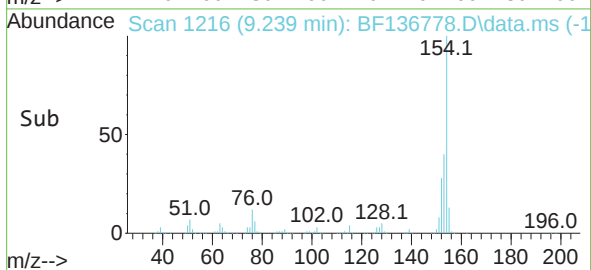
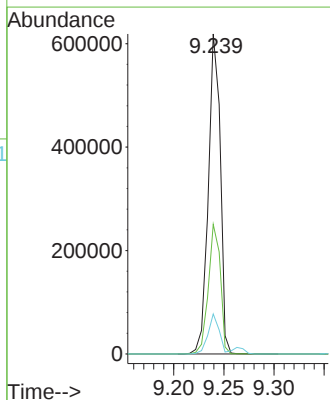
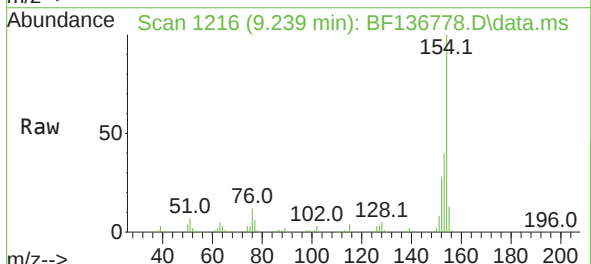
RT: 9.239 min Scan# 1216

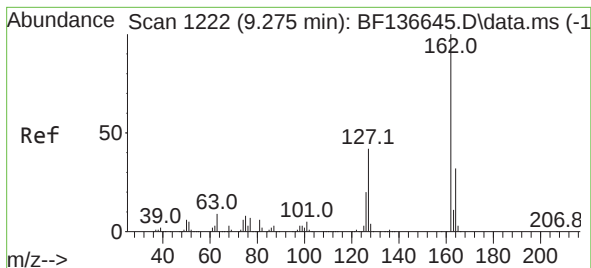
Delta R.T. -0.012 min

Lab File: BF136778.D

Acq: 28 Dec 2023 01:37

Tgt Ion:154 Resp: 515095
 Ion Ratio Lower Upper
 154 100
 153 40.5 21.1 61.1
 76 12.5 0.0 31.7





#47

2-Chloronaphthalene

Concen: 42.958 ng

RT: 9.269 min Scan# 1222

Delta R.T. -0.006 min

Lab File: BF136778.D

Acq: 28 Dec 2023 01:37

Instrument :

BNA_F

ClientSampleId :

EAST-WALLMSD

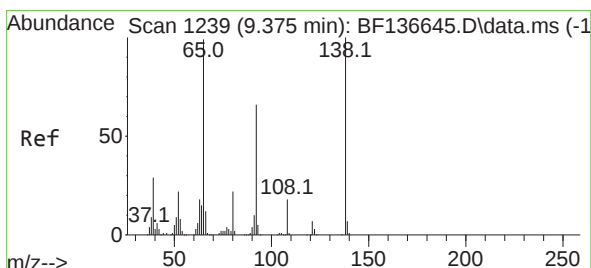
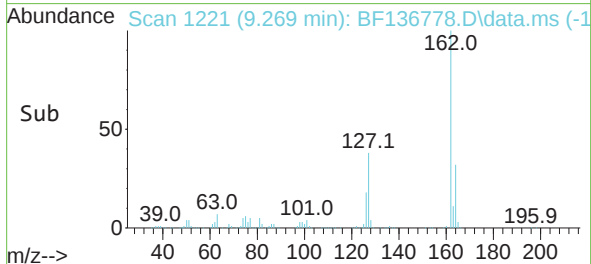
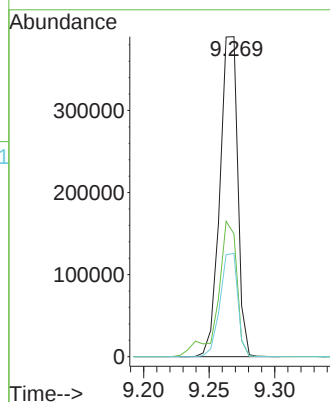
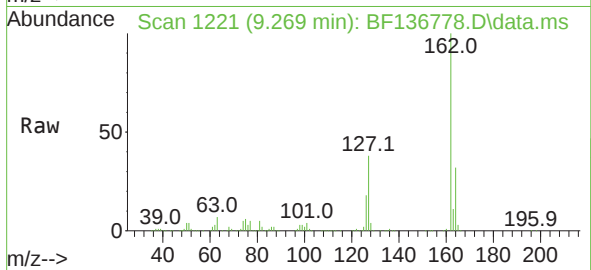
Tgt Ion:162	Resp: 368520
Ion Ratio	Lower Upper
162	100
127	38.4 33.6 50.4
164	32.3 25.7 38.5

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 12/28/2023

Supervised By :mohammad ahmed 12/28/2023



#48

2-Nitroaniline

Concen: 43.605 ng

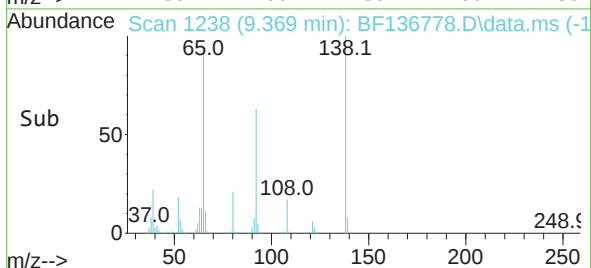
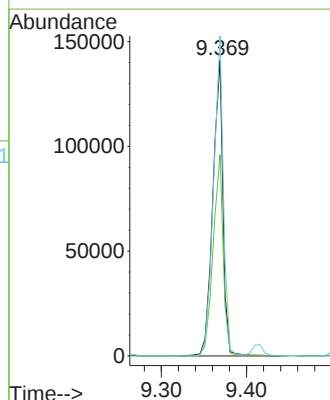
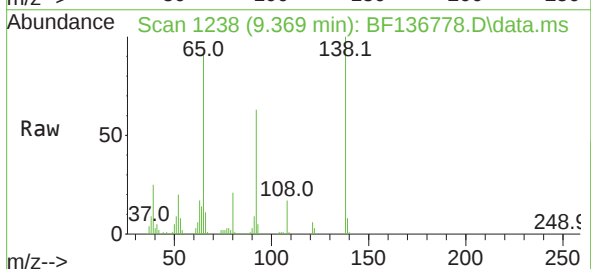
RT: 9.369 min Scan# 1238

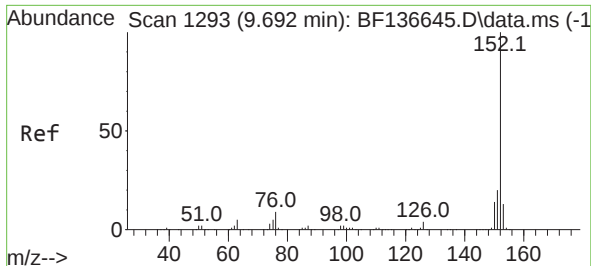
Delta R.T. -0.006 min

Lab File: BF136778.D

Acq: 28 Dec 2023 01:37

Tgt Ion: 65	Resp: 117143
Ion Ratio	Lower Upper
65	100
92	68.0 53.2 79.8
138	108.2 81.1 121.7





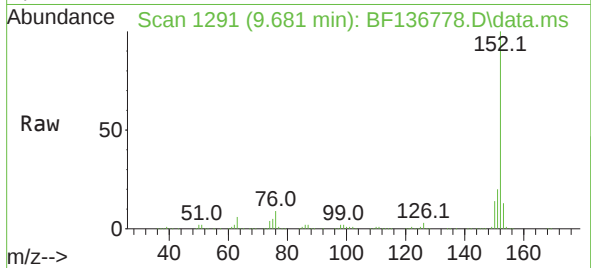
#49
Acenaphthylene
Concen: 45.790 ng
RT: 9.681 min Scan# 1291
Delta R.T. -0.012 min
Lab File: BF136778.D
Acq: 28 Dec 2023 01:37

Instrument :

BNA_F

ClientSampleId :

EAST-WALLMSD

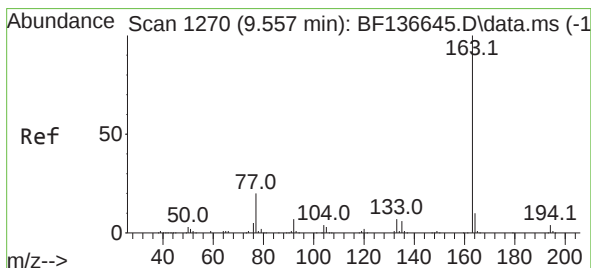
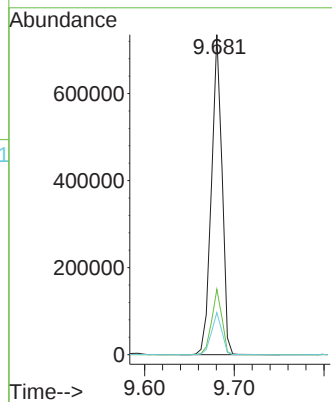
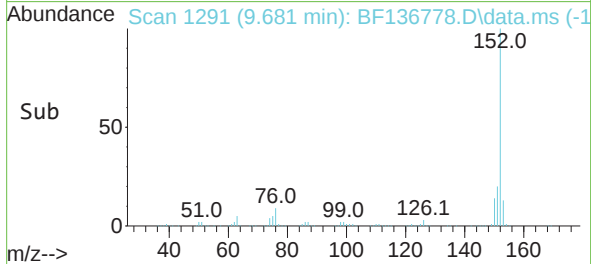


Tgt Ion:152 Resp: 600434
Ion Ratio Lower Upper
152 100
151 20.4 16.2 24.4
153 13.1 10.2 15.2

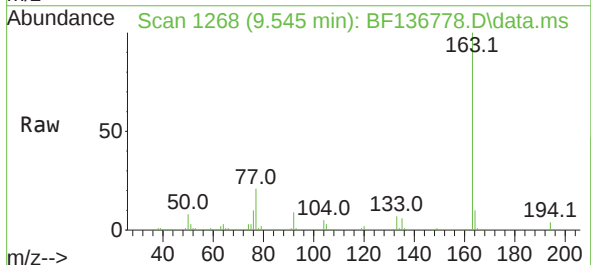
Manual Integrations

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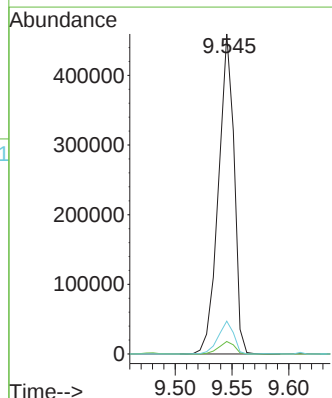
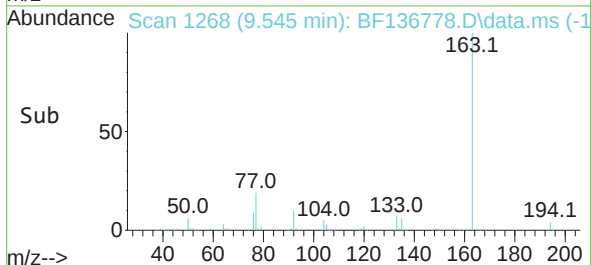
Reviewed By :Yogesh Patel 12/28/2023
Supervised By :mohammad ahmed 12/28/2023

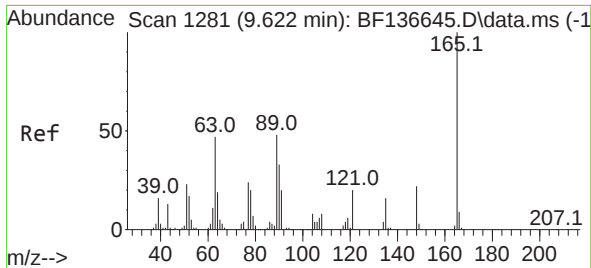


#50
Dimethylphthalate
Concen: 44.811 ng
RT: 9.545 min Scan# 1268
Delta R.T. -0.012 min
Lab File: BF136778.D
Acq: 28 Dec 2023 01:37



Tgt Ion:163 Resp: 440159
Ion Ratio Lower Upper
163 100
194 3.9 3.3 4.9
164 10.2 7.8 11.6





#51
2,6-Dinitrotoluene
Concen: 42.000 ng
RT: 9.610 min Scan# 11
Delta R.T. -0.012 min
Lab File: BF136778.D
Acq: 28 Dec 2023 01:37

Instrument :

BNA_F

ClientSampleId :

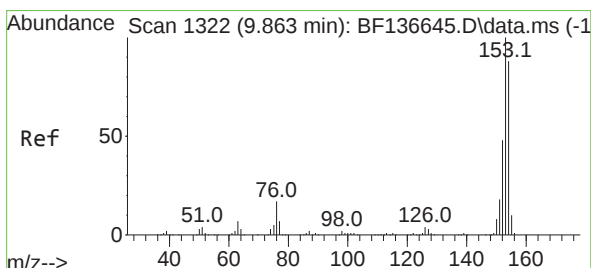
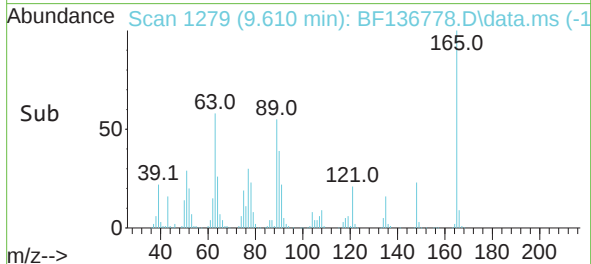
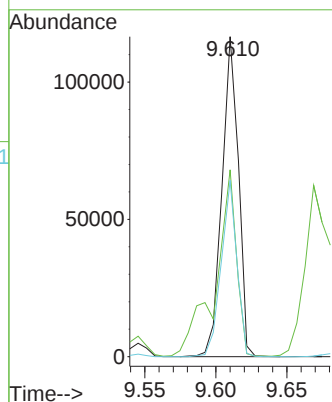
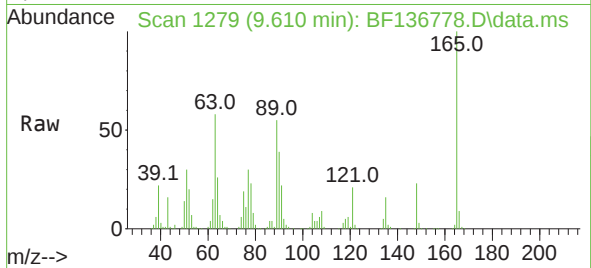
EAST-WALLMSD

Tgt Ion:165 Resp: 93629
Ion Ratio Lower Upper
165 100
63 58.4 39.8 59.6
89 55.1 38.8 58.2

Manual Integrations

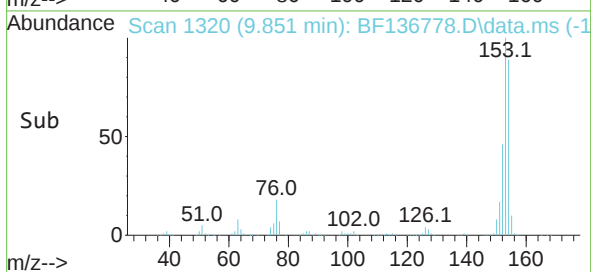
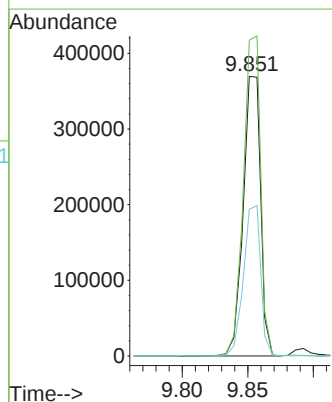
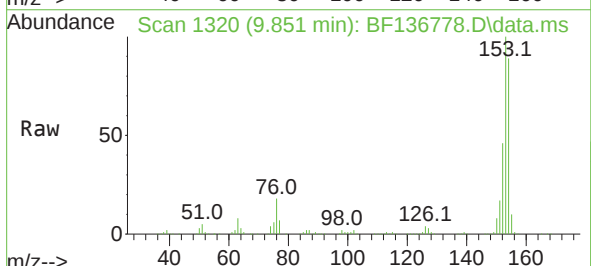
APPROVED

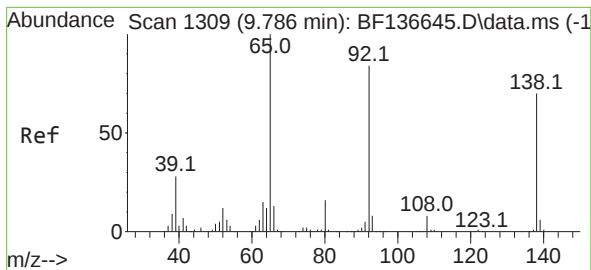
Reviewed By :Yogesh Patel 12/28/2023
Supervised By :mohammad ahmed 12/28/2023



#52
Acenaphthene
Concen: 42.036 ng
RT: 9.851 min Scan# 1320
Delta R.T. -0.012 min
Lab File: BF136778.D
Acq: 28 Dec 2023 01:37

Tgt Ion:154 Resp: 341680
Ion Ratio Lower Upper
154 100
153 113.0 90.7 136.1
152 52.5 43.7 65.5





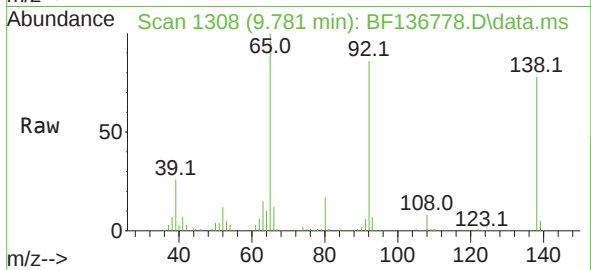
#53
3-Nitroaniline
Concen: 32.216 ng
RT: 9.781 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF136778.D
Acq: 28 Dec 2023 01:37

Instrument :

BNA_F

ClientSampleId :

EAST-WALLMSD

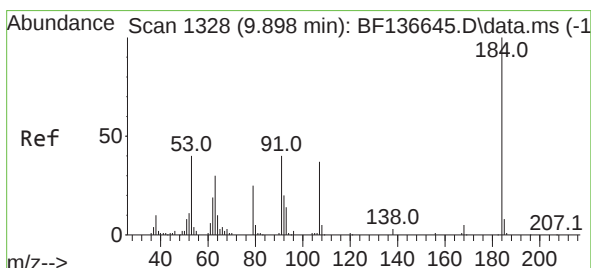
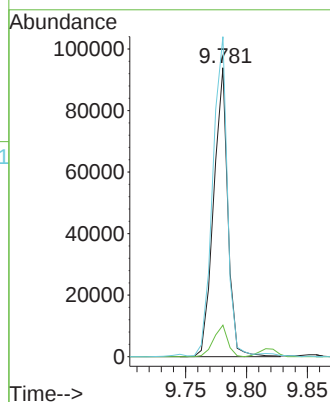
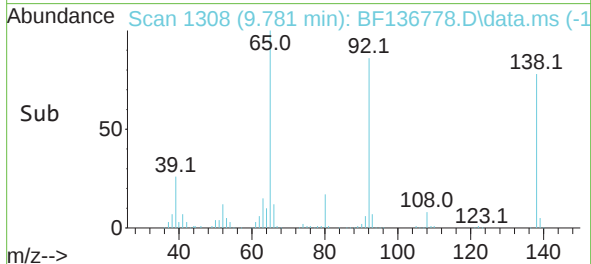


Tgt Ion:138 Resp: 7607
Ion Ratio Lower Upper
138 100
108 10.9 8.6 12.8
92 110.7 95.2 142.8

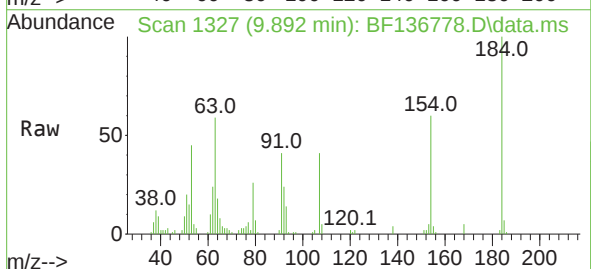
Manual Integrations

APPROVED

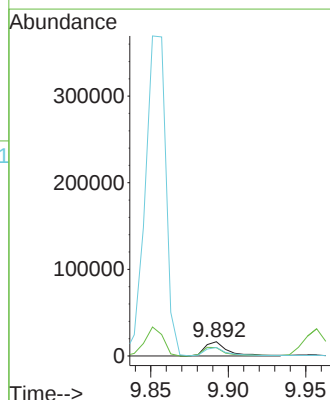
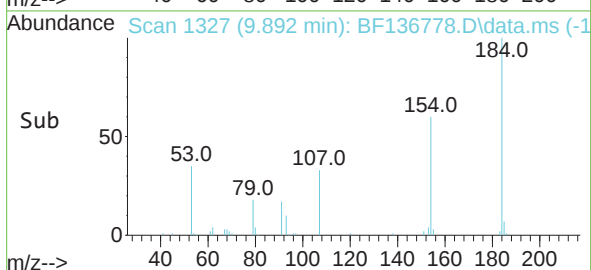
Reviewed By :Yogesh Patel 12/28/2023
Supervised By :mohammad ahmed 12/28/2023

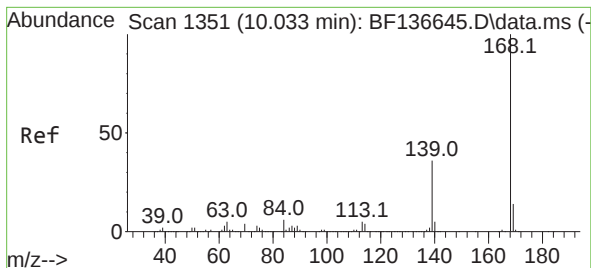


#54
2,4-Dinitrophenol
Concen: 16.777 ng
RT: 9.892 min Scan# 1327
Delta R.T. -0.006 min
Lab File: BF136778.D
Acq: 28 Dec 2023 01:37



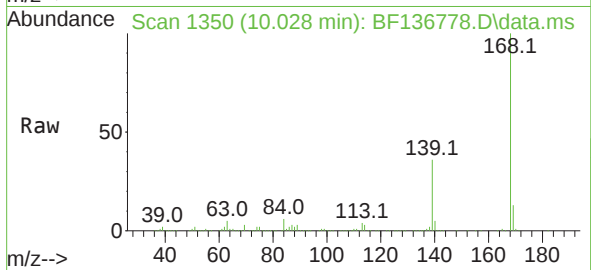
Tgt Ion:184 Resp: 16903
Ion Ratio Lower Upper
184 100
63 58.7 40.9 61.3
154 60.2 42.7 64.1





#55
Dibenzenofuran
Concen: 42.348 ng
RT: 10.028 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF136778.D
Acq: 28 Dec 2023 01:37

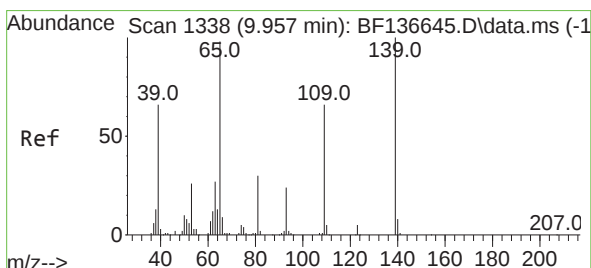
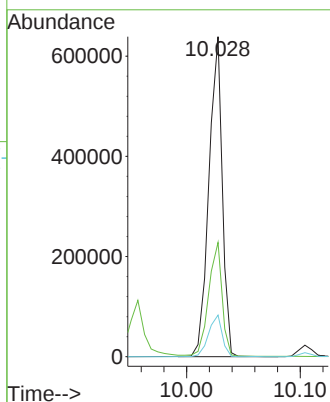
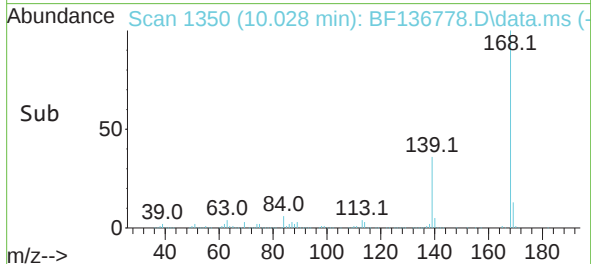
Instrument :
BNA_F
ClientSampleId :
EAST-WALLMSD



Tgt Ion:168 Resp: 52178
Ion Ratio Lower Upper
168 100
139 35.7 29.3 43.9
169 13.0 11.0 16.4

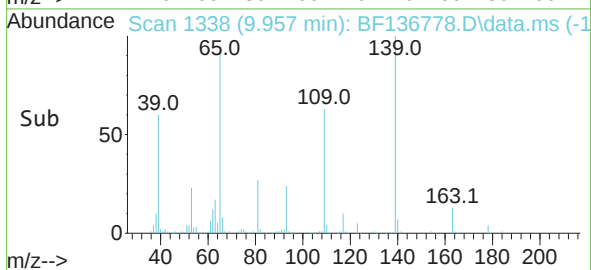
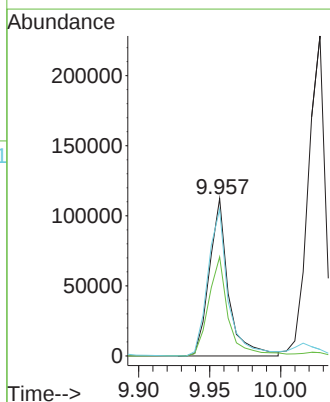
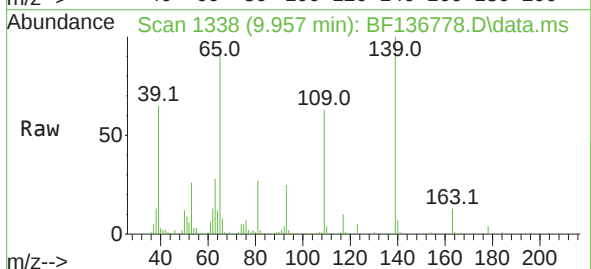
Manual Integrations
APPROVED

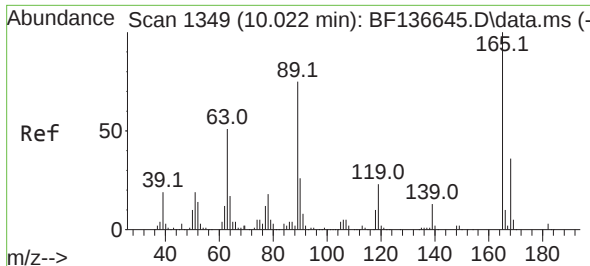
Reviewed By :Yogesh Patel 12/28/2023
Supervised By :mohammad ahmed 12/28/2023



#56
4-Nitrophenol
Concen: 65.896 ng
RT: 9.957 min Scan# 1338
Delta R.T. 0.000 min
Lab File: BF136778.D
Acq: 28 Dec 2023 01:37

Tgt Ion:139 Resp: 105047
Ion Ratio Lower Upper
139 100
109 62.9 45.8 85.8
65 93.2 77.8 117.8





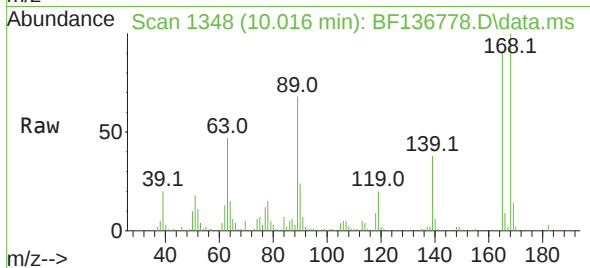
#57
2,4-Dinitrotoluene
Concen: 39.720 ng
RT: 10.016 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF136778.D
Acq: 28 Dec 2023 01:37

Instrument :

BNA_F

ClientSampleId :

EAST-WALLMSD

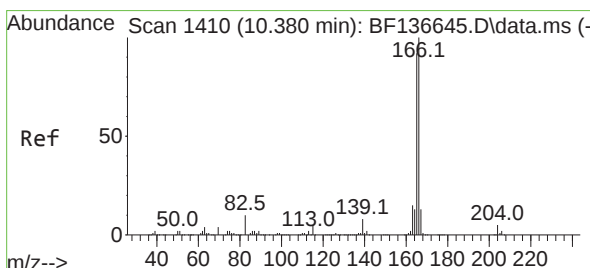
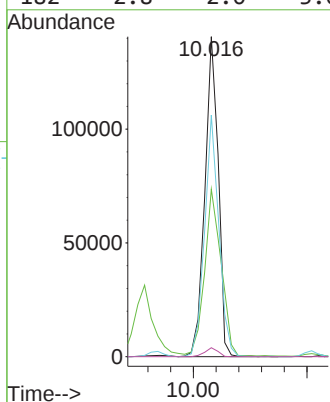
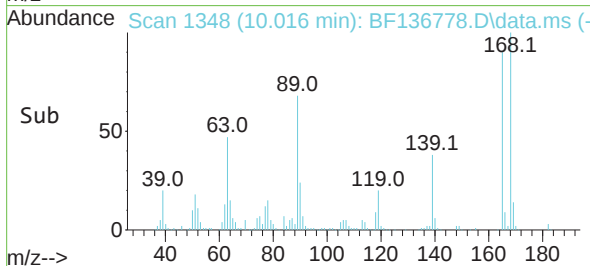


Tgt Ion:165 Resp: 114949
Ion Ratio Lower Upper
165 100
63 52.3 41.0 61.6
89 75.5 59.9 89.9
182 2.8 2.0 3.0

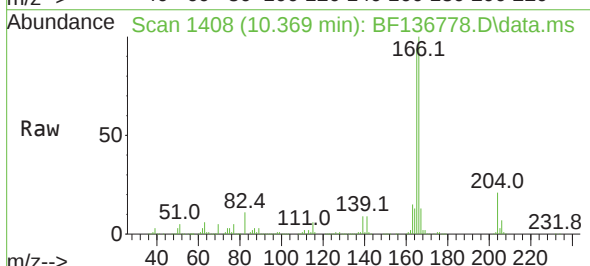
Manual Integrations

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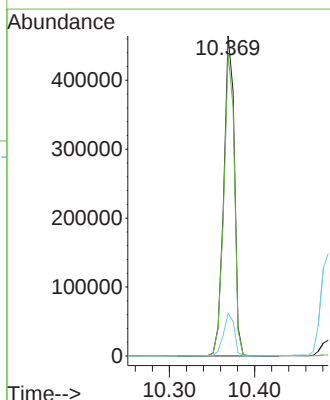
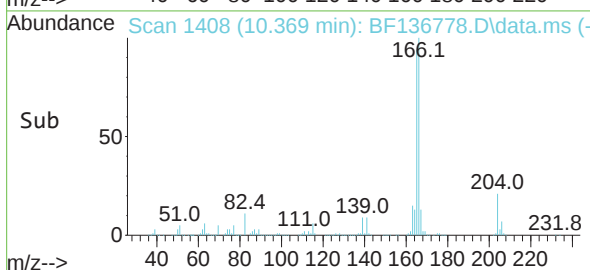
Reviewed By :Yogesh Patel 12/28/2023
Supervised By :mohammad ahmed 12/28/2023

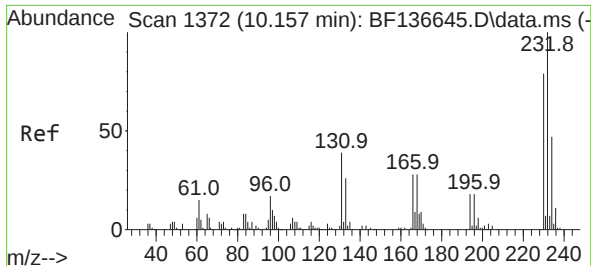


#58
Fluorene
Concen: 41.262 ng
RT: 10.369 min Scan# 1408
Delta R.T. -0.012 min
Lab File: BF136778.D
Acq: 28 Dec 2023 01:37



Tgt Ion:166 Resp: 403401
Ion Ratio Lower Upper
166 100
165 94.3 73.7 110.5
167 13.3 10.4 15.6





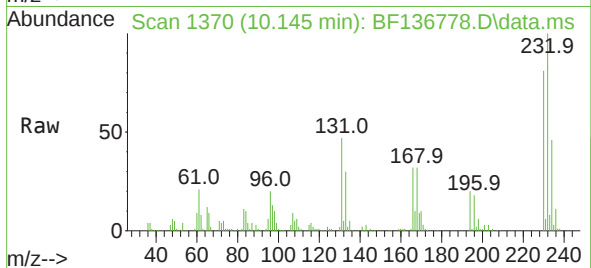
#59
2,3,4,6-Tetrachlorophenol
Concen: 37.024 ng
RT: 10.145 min Scan# 1372
Delta R.T. -0.012 min
Lab File: BF136778.D
Acq: 28 Dec 2023 01:37

Instrument :

BNA_F

ClientSampleId :

EAST-WALLMSD

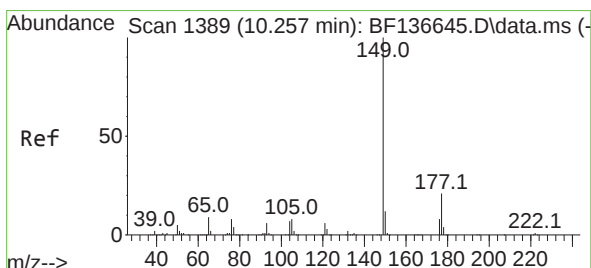
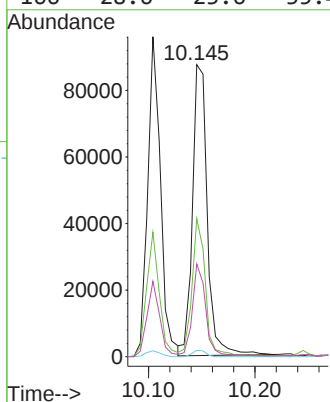
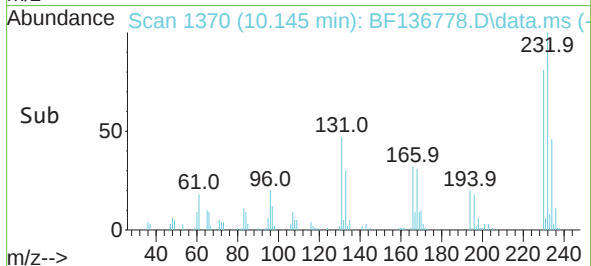


Tgt Ion:232 Resp: 8482
Ion Ratio Lower Upper
232 100
131 42.5 35.1 52.7
130 2.0 1.6 2.4
166 28.6 23.6 35.4

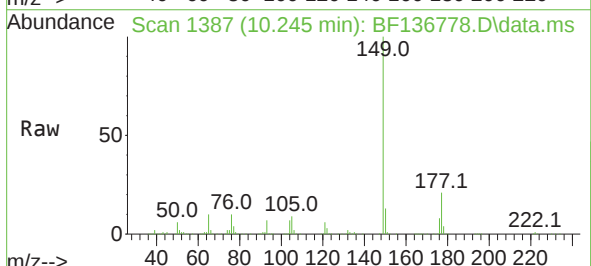
Manual Integrations

APPROVED

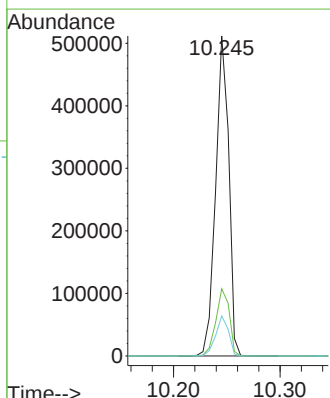
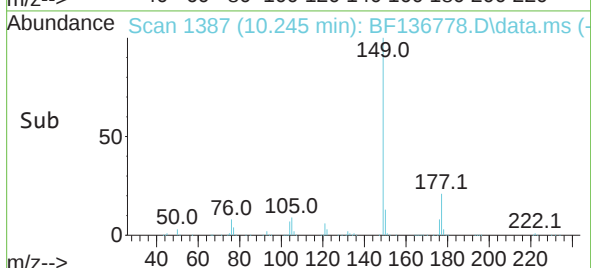
Reviewed By :Yogesh Patel 12/28/2023
Supervised By :mohammad ahmed 12/28/2023

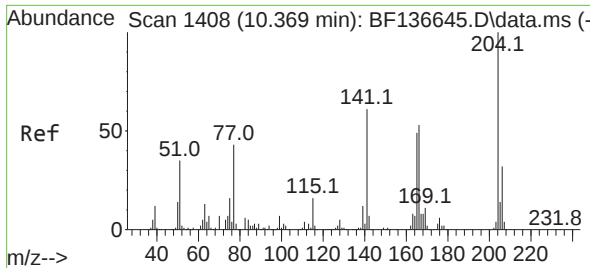


#60
Diethylphthalate
Concen: 42.695 ng
RT: 10.245 min Scan# 1387
Delta R.T. -0.012 min
Lab File: BF136778.D
Acq: 28 Dec 2023 01:37



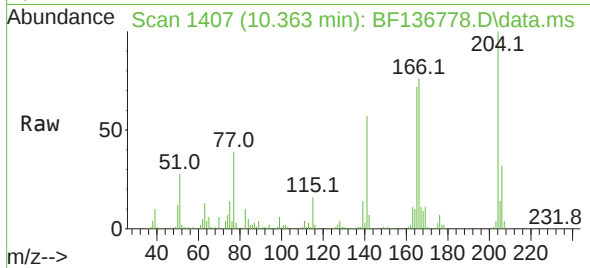
Tgt Ion:149 Resp: 435130
Ion Ratio Lower Upper
149 100
177 21.0 16.9 25.3
150 12.5 9.3 13.9





#61
4-Chlorophenyl-phenylether
Concen: 40.715 ng
RT: 10.363 min Scan# 1408
Delta R.T. -0.006 min
Lab File: BF136778.D
Acq: 28 Dec 2023 01:37

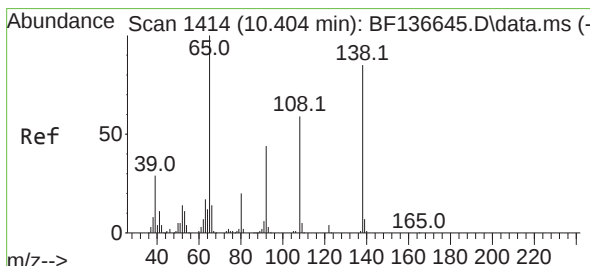
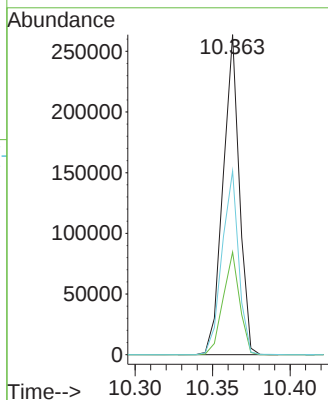
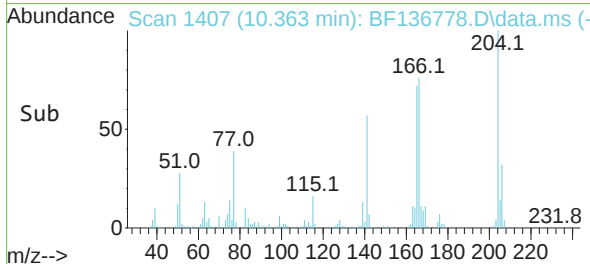
Instrument :
BNA_F
ClientSampleId :
EAST-WALLMSD



Tgt Ion:204 Resp: 19348
Ion Ratio Lower Upper
204 100
206 32.1 25.6 38.4
141 57.4 48.4 72.6

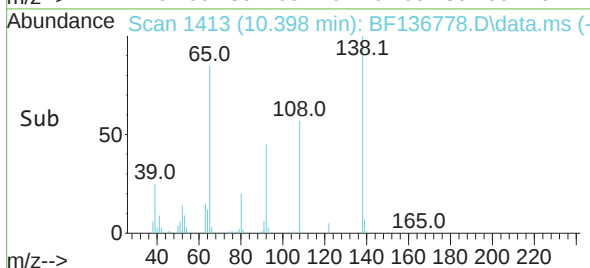
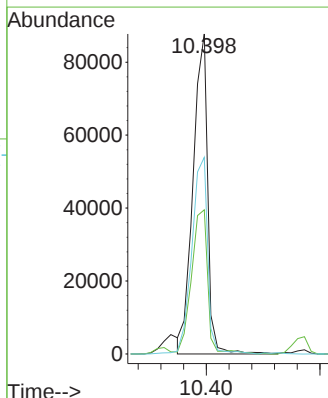
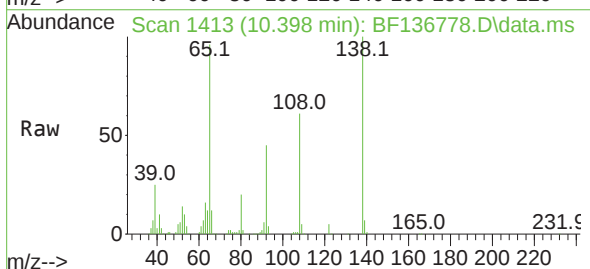
Manual Integrations
APPROVED

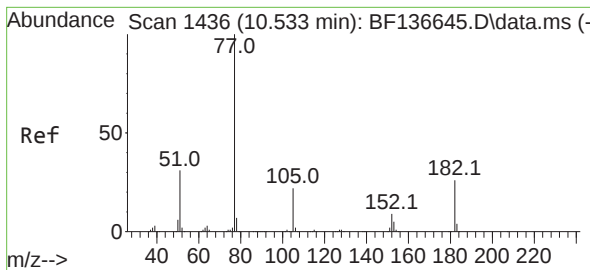
Reviewed By :Yogesh Patel 12/28/2023
Supervised By :mohammad ahmed 12/28/2023



#62
4-Nitroaniline
Concen: 34.567 ng m
RT: 10.398 min Scan# 1413
Delta R.T. -0.006 min
Lab File: BF136778.D
Acq: 28 Dec 2023 01:37

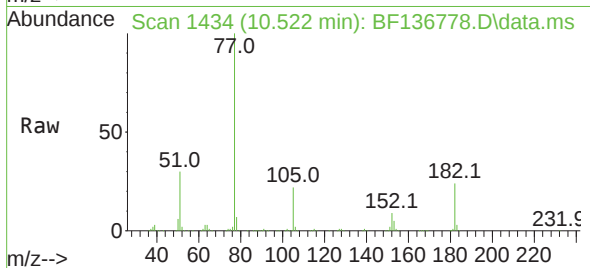
Tgt Ion:138 Resp: 78692
Ion Ratio Lower Upper
138 100
92 45.1 32.1 72.1
108 61.4 50.1 90.1





#63
Azobenzene
Concen: 40.586 ng
RT: 10.522 min Scan# 1436
Delta R.T. -0.012 min
Lab File: BF136778.D
Acq: 28 Dec 2023 01:37

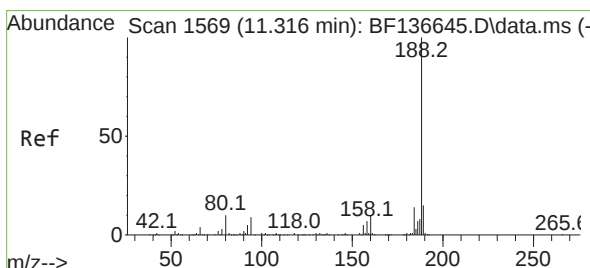
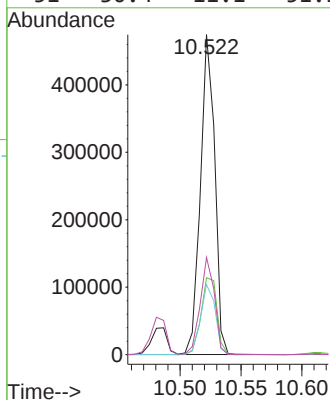
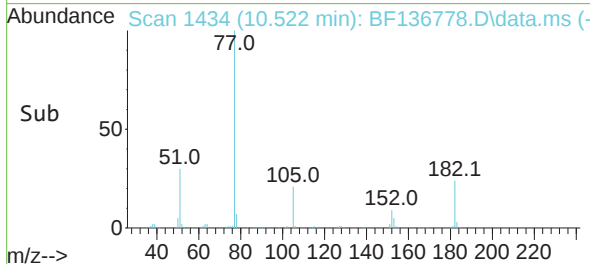
Instrument :
BNA_F
ClientSampleId :
EAST-WALLMSD



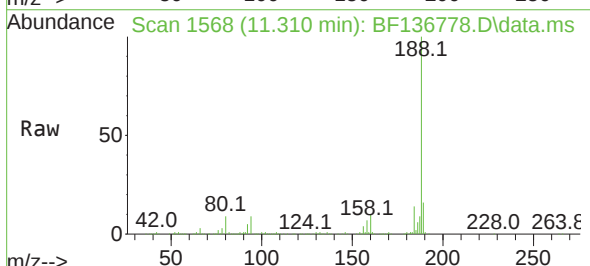
Tgt Ion: 77 Resp: 386335
Ion Ratio Lower Upper
77 100
182 24.0 6.0 46.0
105 21.9 2.3 42.3
51 30.4 11.1 51.1

Manual Integrations
APPROVED

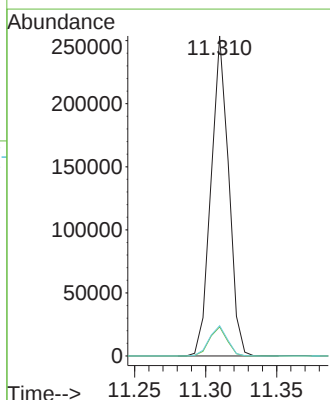
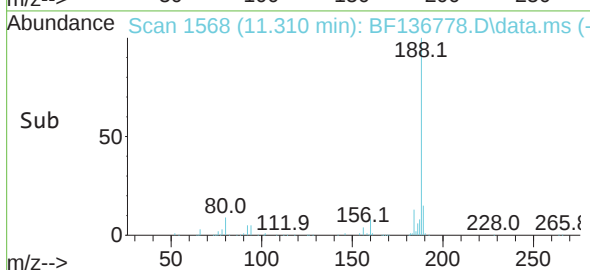
Reviewed By :Yogesh Patel 12/28/2023
Supervised By :mohammad ahmed 12/28/2023

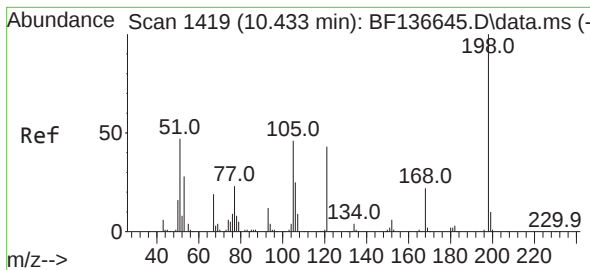


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.310 min Scan# 1568
Delta R.T. -0.006 min
Lab File: BF136778.D
Acq: 28 Dec 2023 01:37



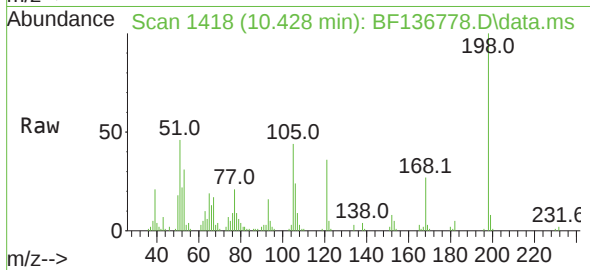
Tgt Ion:188 Resp: 218363
Ion Ratio Lower Upper
188 100
94 9.1 7.5 11.3
80 9.4 8.1 12.1





#65
4,6-Dinitro-2-methylphenol
Concen: 13.025 ng
RT: 10.428 min Scan# 1419
Delta R.T. -0.006 min
Lab File: BF136778.D
Acq: 28 Dec 2023 01:37

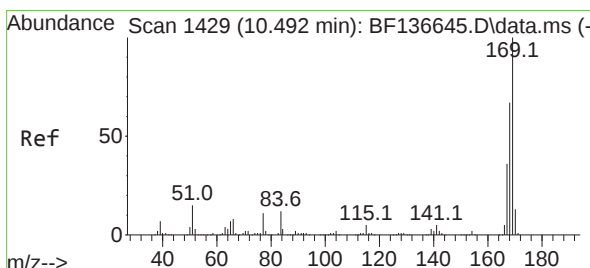
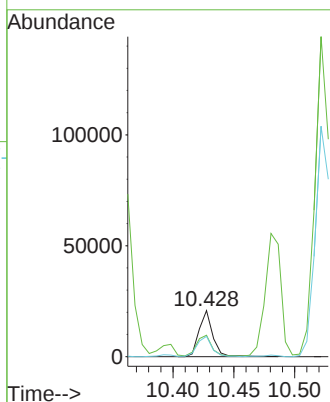
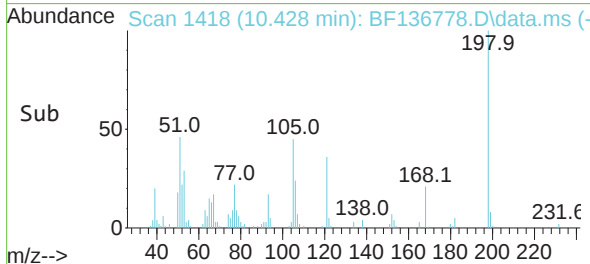
Instrument :
BNA_F
ClientSampleId :
EAST-WALLMSD



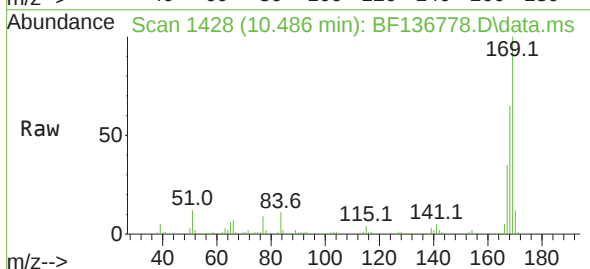
Tgt Ion:198 Resp: 16300
Ion Ratio Lower Upper
198 100
51 46.5 34.1 74.1
105 44.2 27.3 67.3

Manual Integrations
APPROVED

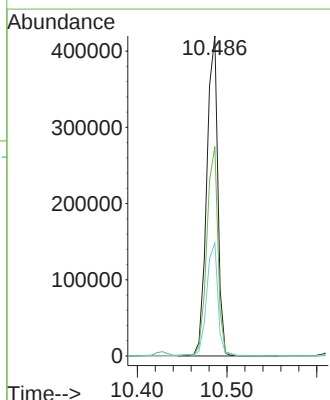
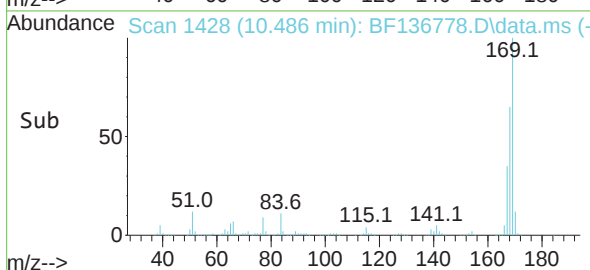
Reviewed By :Yogesh Patel 12/28/2023
Supervised By :mohammad ahmed 12/28/2023

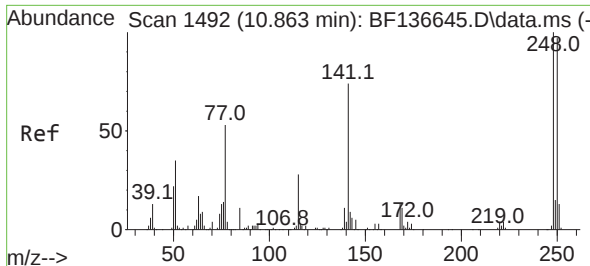


#66
n-Nitrosodiphenylamine
Concen: 50.517 ng
RT: 10.486 min Scan# 1428
Delta R.T. -0.006 min
Lab File: BF136778.D
Acq: 28 Dec 2023 01:37



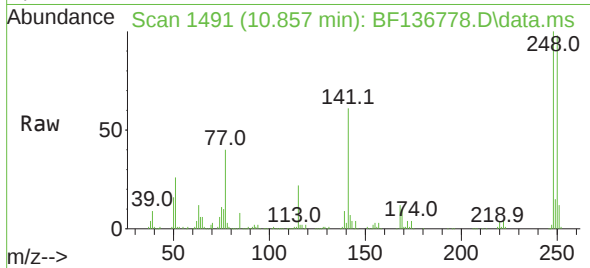
Tgt Ion:169 Resp: 358338
Ion Ratio Lower Upper
169 100
168 65.4 53.8 80.6
167 35.4 28.7 43.1





#67
4-Bromophenyl-phenylether
Concen: 46.385 ng
RT: 10.857 min Scan# 1491
Delta R.T. -0.006 min
Lab File: BF136778.D
Acq: 28 Dec 2023 01:37

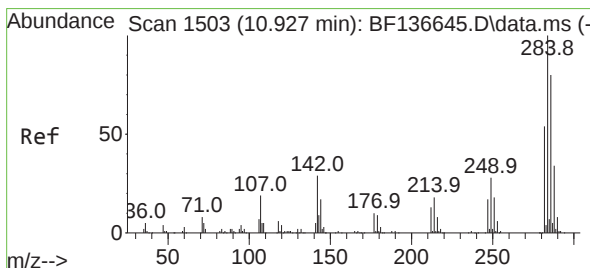
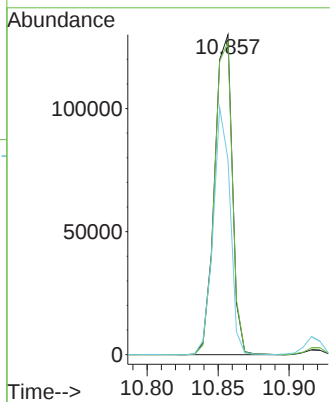
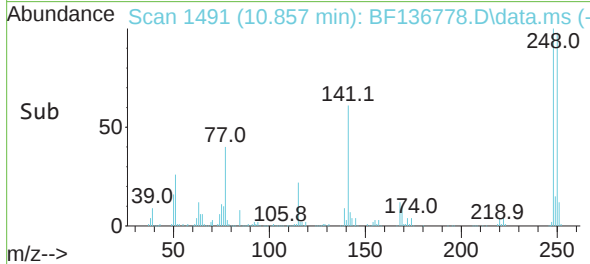
Instrument :
BNA_F
ClientSampleId :
EAST-WALLMSD



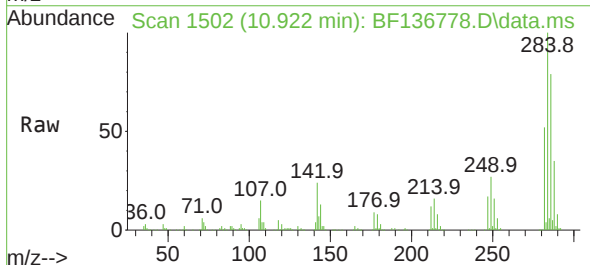
Tgt Ion:248 Resp: 112488
Ion Ratio Lower Upper
248 100
250 97.7 77.8 116.6
141 61.0 59.2 88.8

Manual Integrations
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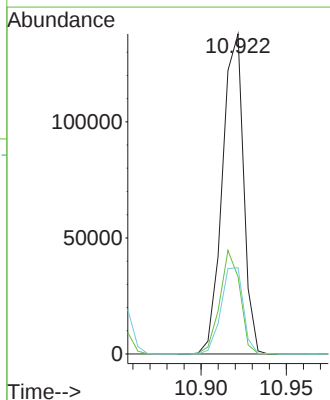
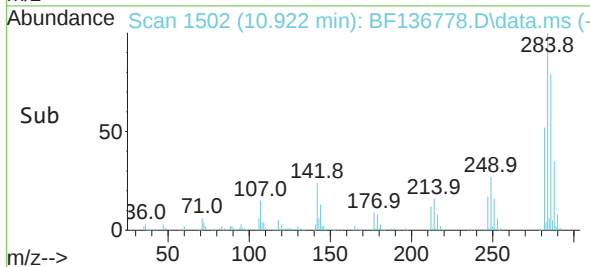
Reviewed By :Yogesh Patel 12/28/2023
Supervised By :mohammad ahmed 12/28/2023

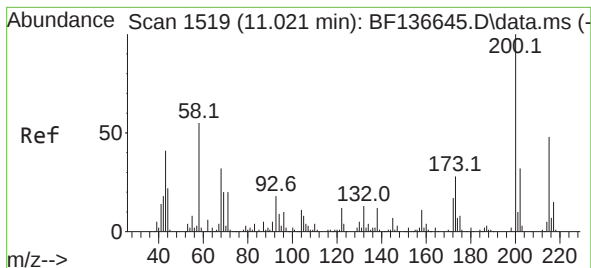


#68
Hexachlorobenzene
Concen: 44.034 ng
RT: 10.922 min Scan# 1502
Delta R.T. -0.006 min
Lab File: BF136778.D
Acq: 28 Dec 2023 01:37



Tgt Ion:284 Resp: 119004
Ion Ratio Lower Upper
284 100
142 24.1 23.4 35.0
249 27.0 22.3 33.5





#69

Atrazine

Concen: 59.717 ng

RT: 11.016 min Scan# 1518

Delta R.T. -0.006 min

Lab File: BF136778.D

Acq: 28 Dec 2023 01:37

Instrument :

BNA_F

ClientSampleId :

EAST-WALLMSD

Tgt Ion:200 Resp: 10834

Ion Ratio Lower Upper

200 100

173 27.5 7.6 47.6

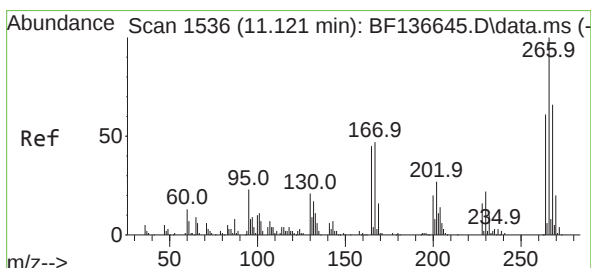
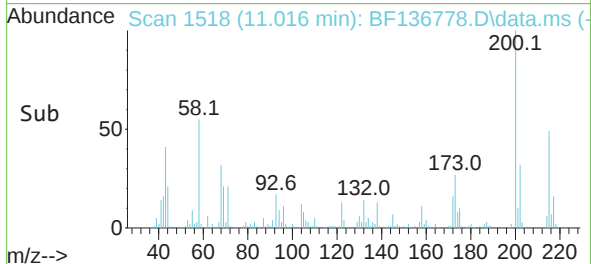
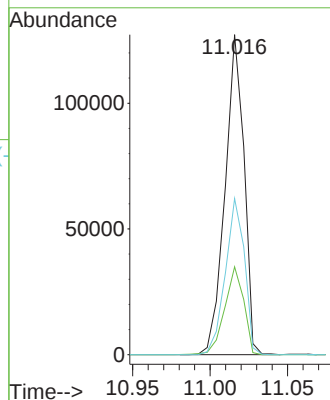
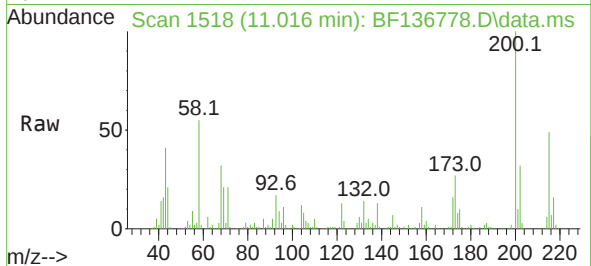
215 48.8 28.3 68.3

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 12/28/2023

Supervised By :mohammad ahmed 12/28/2023



#70

Pentachlorophenol

Concen: 72.401 ng

RT: 11.122 min Scan# 1536

Delta R.T. 0.000 min

Lab File: BF136778.D

Acq: 28 Dec 2023 01:37

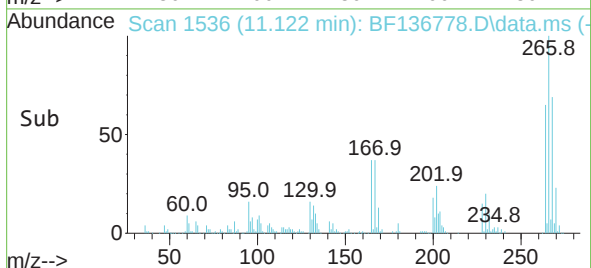
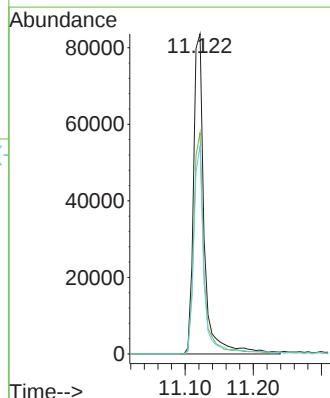
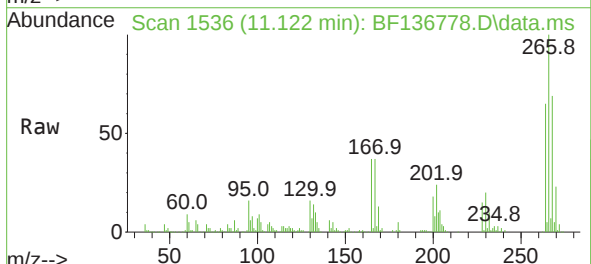
Tgt Ion:266 Resp: 91202

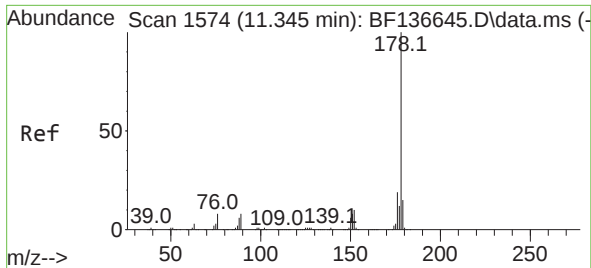
Ion Ratio Lower Upper

266 100

268 69.1 52.6 78.8

264 65.0 49.0 73.4





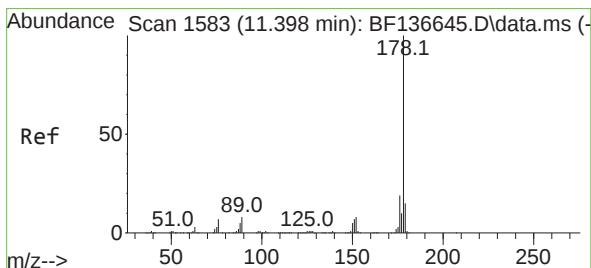
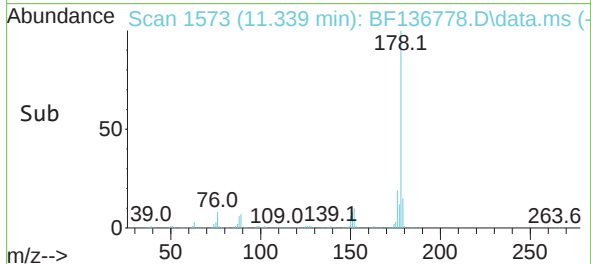
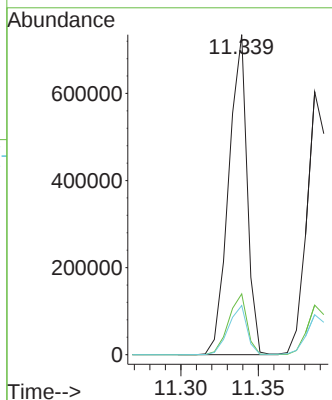
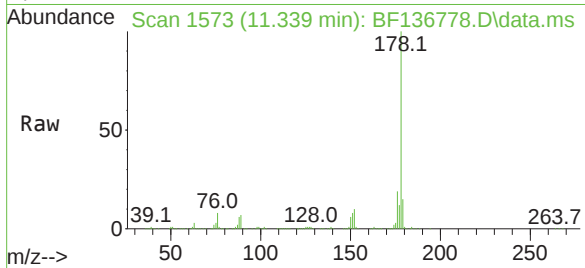
#71
Phenanthrene
Concen: 54.388 ng
RT: 11.339 min Scan# 1573
Delta R.T. -0.006 min
Lab File: BF136778.D
Acq: 28 Dec 2023 01:37

Instrument :
BNA_F
ClientSampleId :
EAST-WALLMSD

Tgt Ion:178 Resp: 60938
Ion Ratio Lower Upper
178 100
176 19.0 15.3 22.9
179 15.3 11.9 17.9

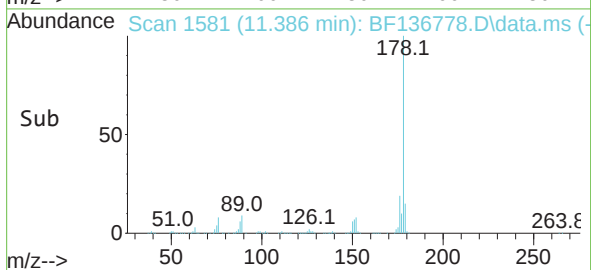
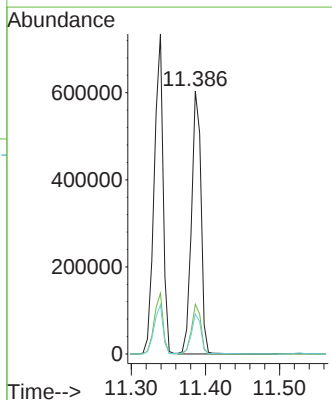
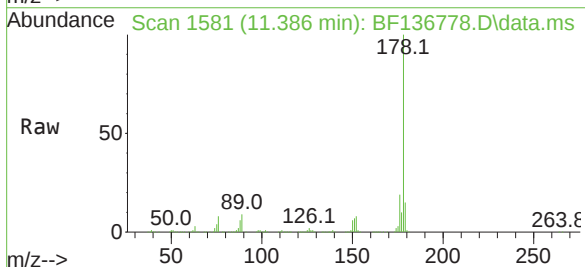
Manual Integrations
APPROVED

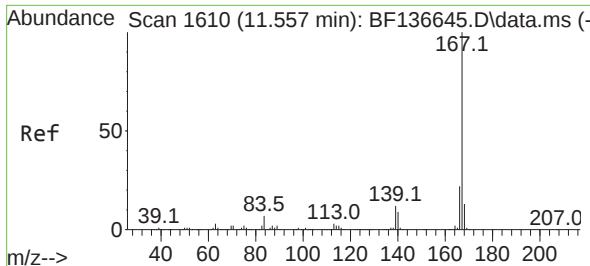
Reviewed By :Yogesh Patel 12/28/2023
Supervised By :mohammad ahmed 12/28/2023



#72
Anthracene
Concen: 47.497 ng
RT: 11.386 min Scan# 1581
Delta R.T. -0.012 min
Lab File: BF136778.D
Acq: 28 Dec 2023 01:37

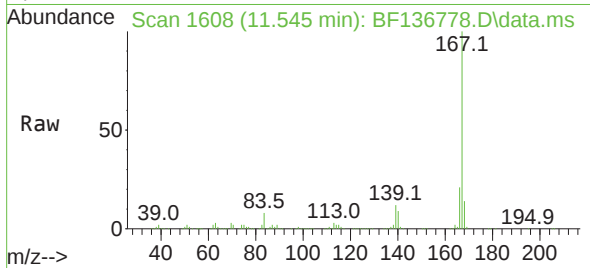
Tgt Ion:178 Resp: 538950
Ion Ratio Lower Upper
178 100
176 18.9 14.9 22.3
179 15.2 11.8 17.6





#73
 Carbazole
 Concen: 42.413 ng
 RT: 11.545 min Scan# 1608
 Delta R.T. -0.012 min
 Lab File: BF136778.D
 Acq: 28 Dec 2023 01:37

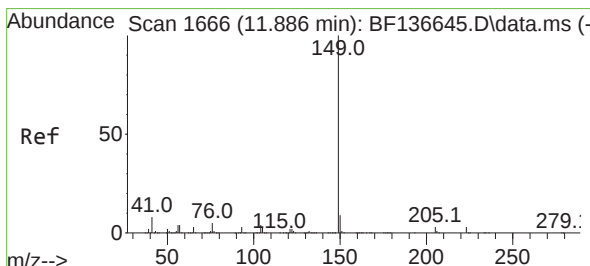
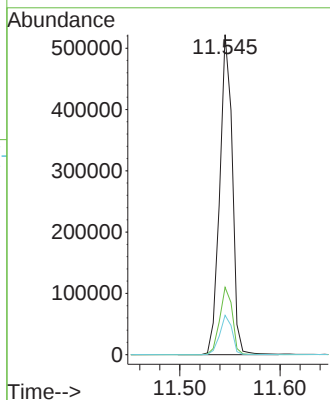
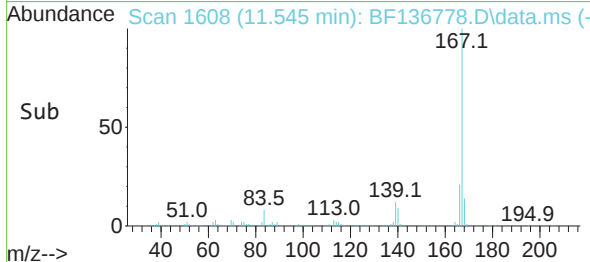
Instrument :
 BNA_F
 ClientSampleId :
 EAST-WALLMSD



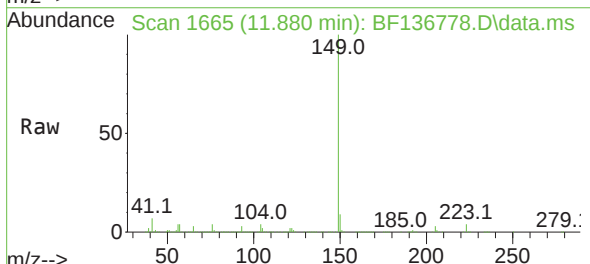
Tgt Ion:167 Resp: 453738
 Ion Ratio Lower Upper
 167 100
 166 21.1 17.3 25.9
 139 12.3 9.8 14.6

Manual Integrations
 APPROVED

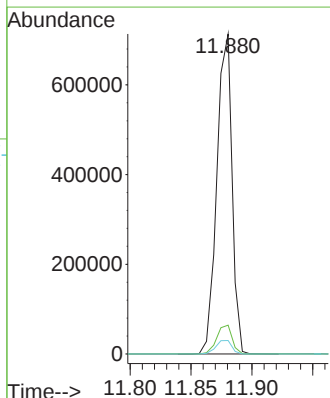
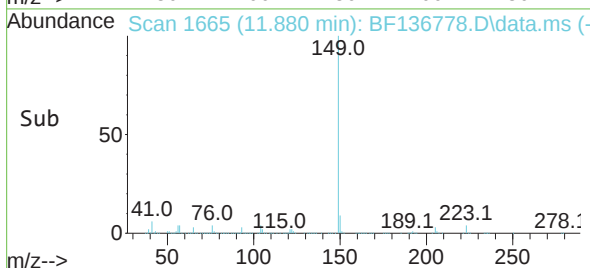
Reviewed By :Yogesh Patel 12/28/2023
 Supervised By :mohammad ahmed 12/28/2023

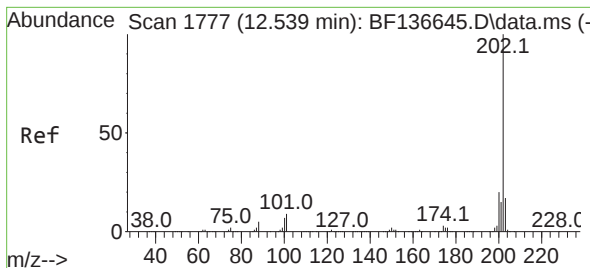


#74
 Di-n-butylphthalate
 Concen: 47.493 ng
 RT: 11.880 min Scan# 1665
 Delta R.T. -0.006 min
 Lab File: BF136778.D
 Acq: 28 Dec 2023 01:37



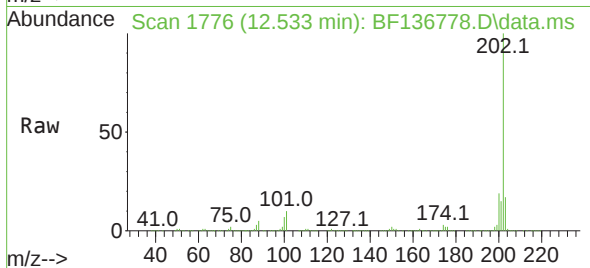
Tgt Ion:149 Resp: 619987
 Ion Ratio Lower Upper
 149 100
 150 9.0 7.4 11.2
 104 4.2 3.6 5.4





#75
Fluoranthene
Concen: 53.963 ng
RT: 12.533 min Scan# 1777
Delta R.T. -0.006 min
Lab File: BF136778.D
Acq: 28 Dec 2023 01:37

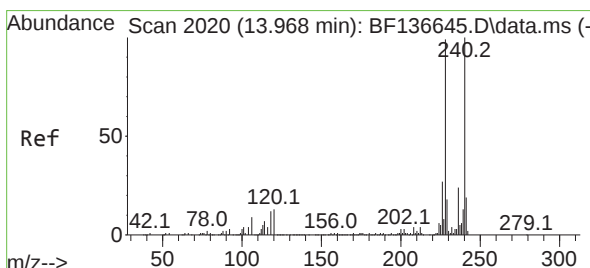
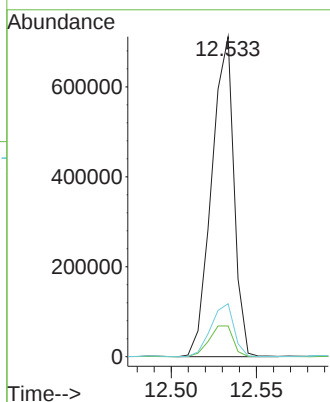
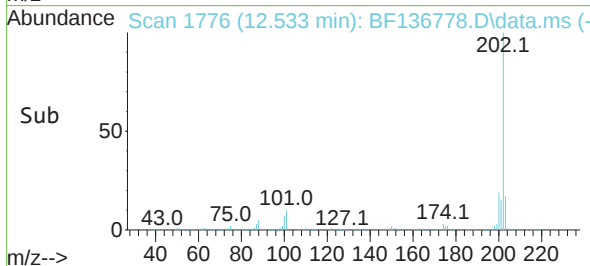
Instrument :
BNA_F
ClientSampleId :
EAST-WALLMSD



Tgt Ion:202 Resp: 646732
Ion Ratio Lower Upper
202 100
101 9.6 0.0 29.3
203 16.5 0.0 37.1

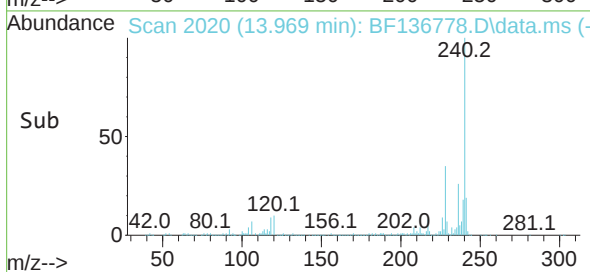
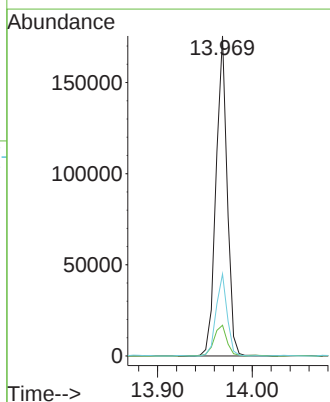
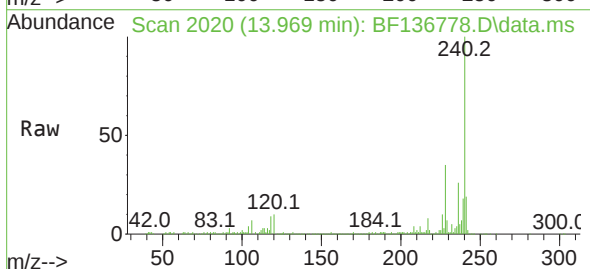
Manual Integrations
APPROVED

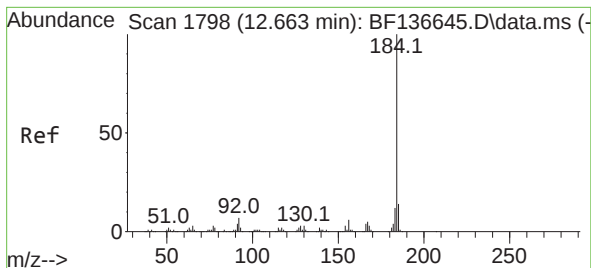
Reviewed By :Yogesh Patel 12/28/2023
Supervised By :mohammad ahmed 12/28/2023



#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.969 min Scan# 2020
Delta R.T. 0.000 min
Lab File: BF136778.D
Acq: 28 Dec 2023 01:37

Tgt Ion:240 Resp: 143675
Ion Ratio Lower Upper
240 100
120 9.6 10.3 15.5#
236 25.6 19.4 29.2





#77

Benzidine

Concen: 27.538 ng

RT: 12.657 min Scan# 11

Delta R.T. -0.006 min

Lab File: BF136778.D

Acq: 28 Dec 2023 01:37

Instrument :

BNA_F

ClientSampleId :

EAST-WALLMSD

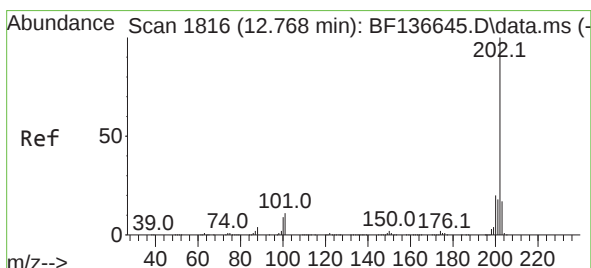
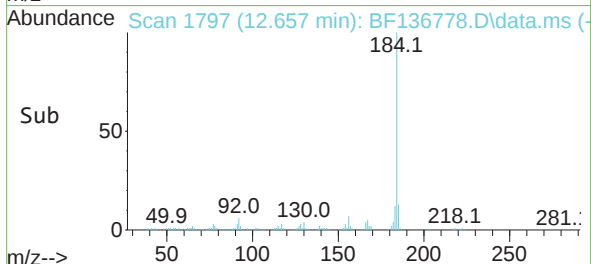
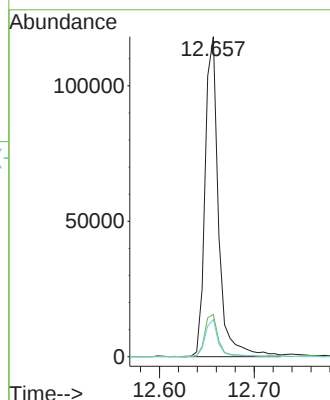
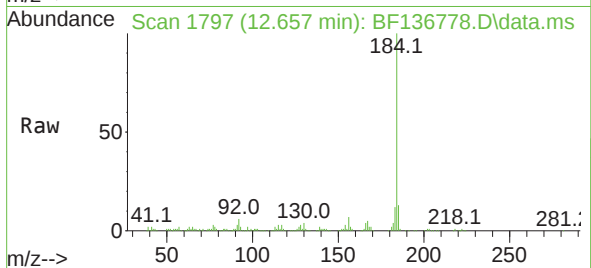
Tgt Ion:184 Resp: 11666
 Ion Ratio Lower Upper
 184 100
 185 13.2 11.2 16.8
 183 11.6 9.3 13.9

Manual Integrations

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Reviewed By :Yogesh Patel 12/28/2023

Supervised By :mohammad ahmed 12/28/2023



#78

Pyrene

Concen: 44.073 ng

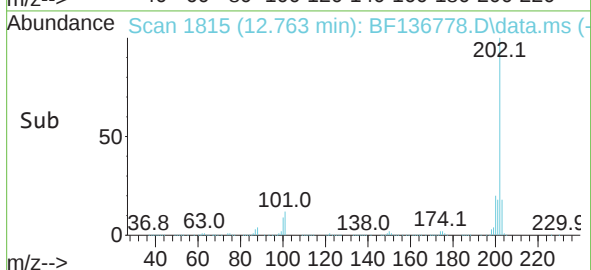
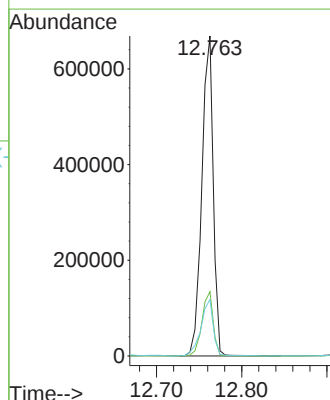
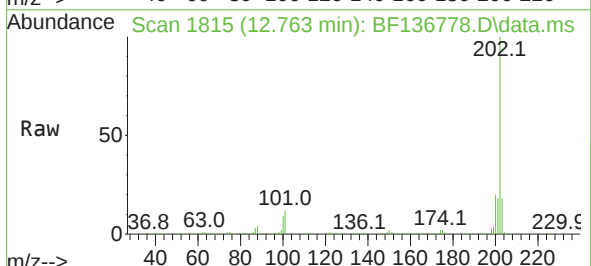
RT: 12.763 min Scan# 1815

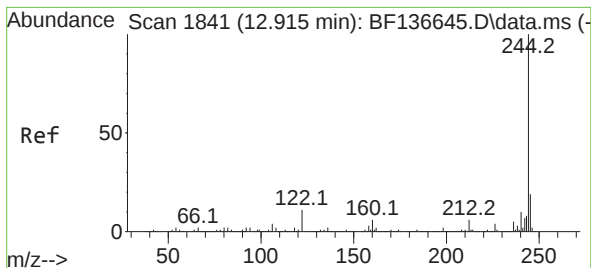
Delta R.T. -0.006 min

Lab File: BF136778.D

Acq: 28 Dec 2023 01:37

Tgt Ion:202 Resp: 621606
 Ion Ratio Lower Upper
 202 100
 200 20.1 15.9 23.9
 203 17.6 13.8 20.6





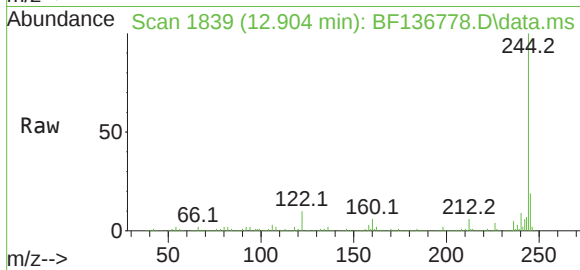
#79
 Terphenyl-d14
 Concen: 47.871 ng
 RT: 12.904 min Scan# 1839
 Delta R.T. -0.012 min
 Lab File: BF136778.D
 Acq: 28 Dec 2023 01:37

Instrument :

BNA_F

ClientSampleId :

EAST-WALLMSD

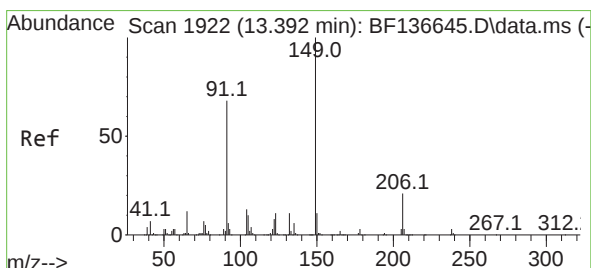
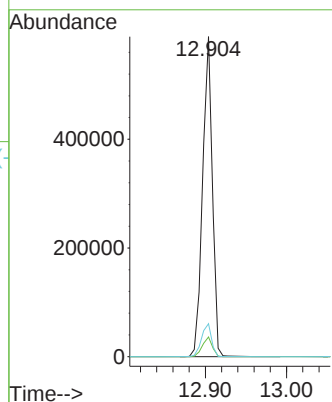
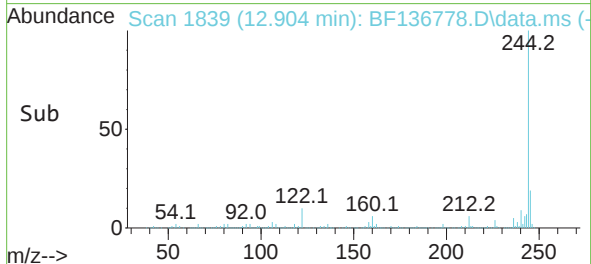


Tgt Ion:244 Resp: 49216
 Ion Ratio Lower Upper
 244 100
 212 6.2 5.0 7.4
 122 10.3 9.0 13.4

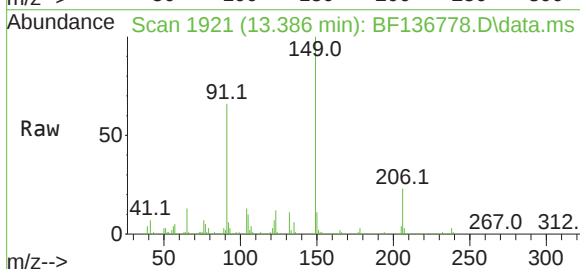
Manual Integrations

APPROVED

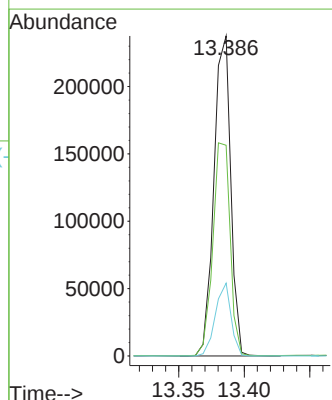
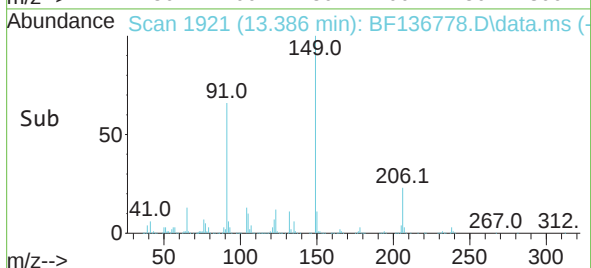
Reviewed By :Yogesh Patel 12/28/2023
 Supervised By :mohammad ahmed 12/28/2023

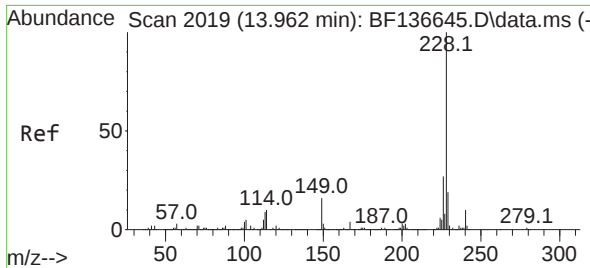


#80
 Butylbenzylphthalate
 Concen: 41.229 ng
 RT: 13.386 min Scan# 1921
 Delta R.T. -0.006 min
 Lab File: BF136778.D
 Acq: 28 Dec 2023 01:37



Tgt Ion:149 Resp: 211589
 Ion Ratio Lower Upper
 149 100
 91 65.9 54.1 81.1
 206 22.7 17.1 25.7





#81
Benzo(a)anthracene
Concen: 51.655 ng
RT: 13.957 min Scan# 2018
Delta R.T. -0.006 min
Lab File: BF136778.D
Acq: 28 Dec 2023 01:37

Instrument :

BNA_F

ClientSampleId :

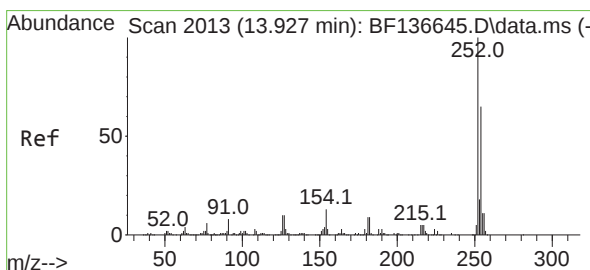
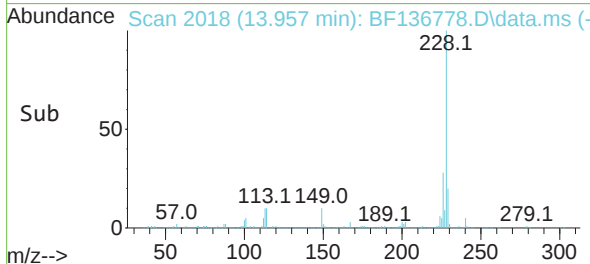
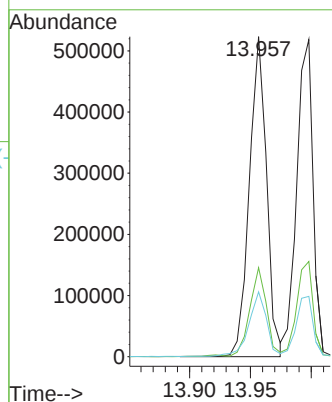
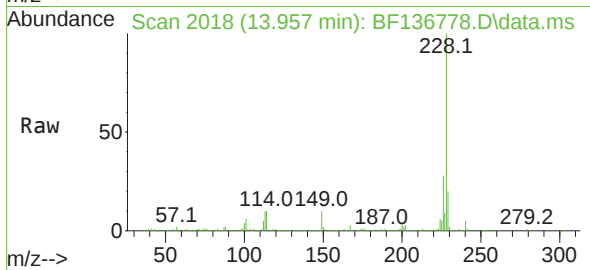
EAST-WALLMSD

Tgt Ion:228 Resp: 515339
Ion Ratio Lower Upper
228 100
226 27.8 21.4 32.0
229 20.3 14.9 22.3

Manual Integrations

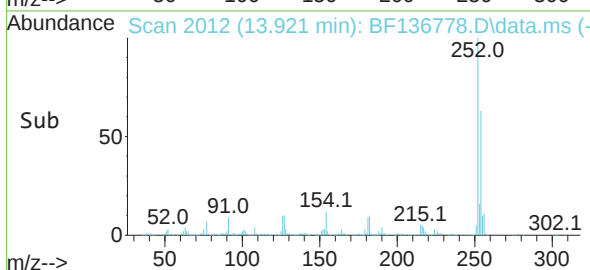
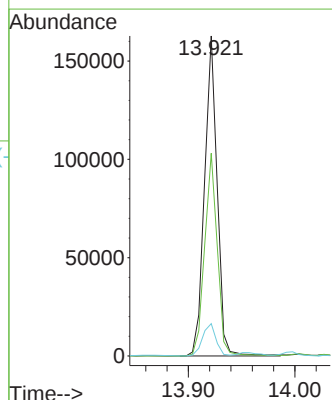
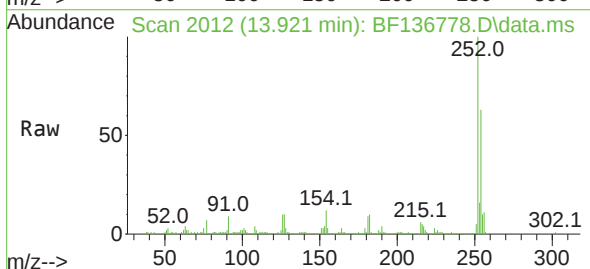
APPROVED

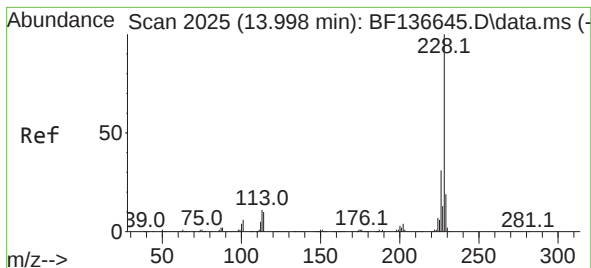
Reviewed By :Yogesh Patel 12/28/2023
Supervised By :mohammad ahmed 12/28/2023



#82
3,3'-Dichlorobenzidine
Concen: 47.665 ng
RT: 13.921 min Scan# 2012
Delta R.T. -0.006 min
Lab File: BF136778.D
Acq: 28 Dec 2023 01:37

Tgt Ion:252 Resp: 135048
Ion Ratio Lower Upper
252 100
254 63.4 52.2 78.4
126 10.1 8.0 12.0





#83

Chrysene

Concen: 49.405 ng

RT: 13.998 min Scan# 20

Delta R.T. 0.000 min

Lab File: BF136778.D

Acq: 28 Dec 2023 01:37

Instrument :

BNA_F

ClientSampleId :

EAST-WALLMSD

Tgt Ion:228 Resp: 48200

Ion Ratio Lower Upper

228 100

226 30.0 24.7 37.1

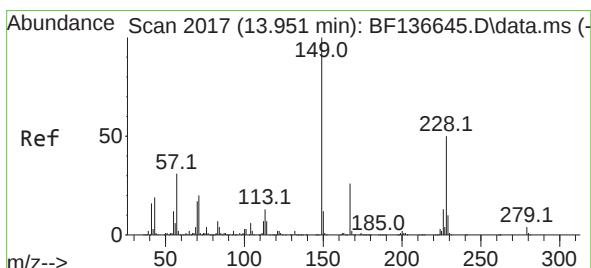
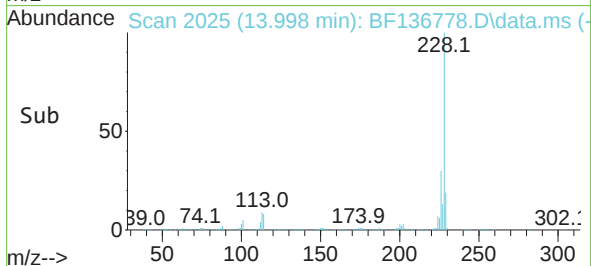
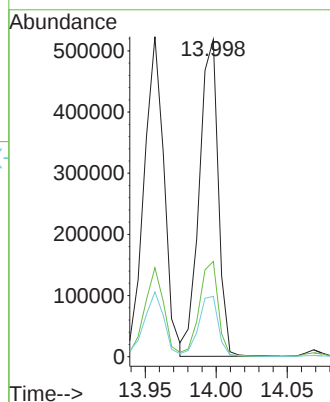
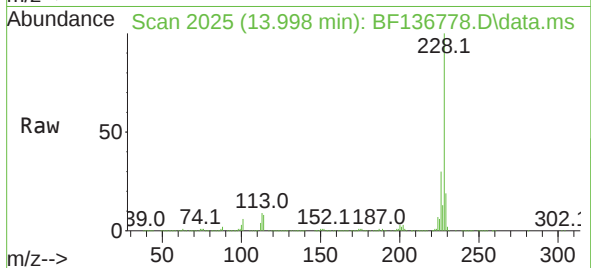
229 19.0 15.4 23.0

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 12/28/2023

Supervised By :mohammad ahmed 12/28/2023



#84

Bis(2-ethylhexyl)phthalate

Concen: 47.913 ng

RT: 13.945 min Scan# 2016

Delta R.T. -0.006 min

Lab File: BF136778.D

Acq: 28 Dec 2023 01:37

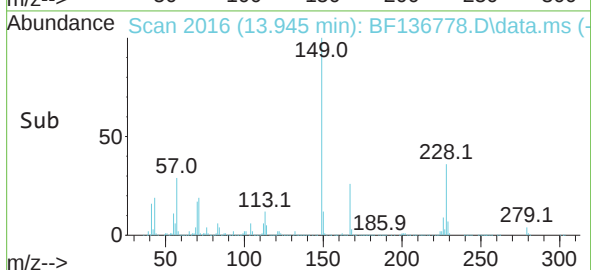
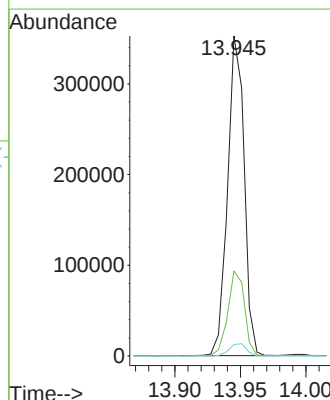
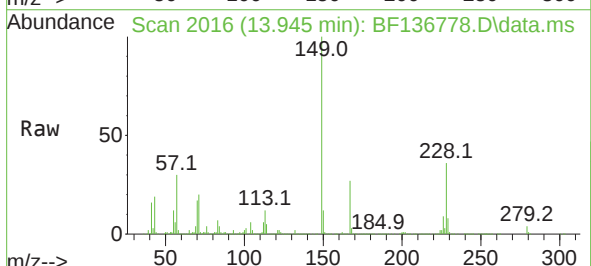
Tgt Ion:149 Resp: 309382

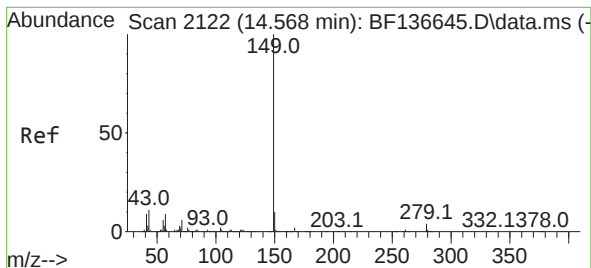
Ion Ratio Lower Upper

149 100

167 26.5 20.9 31.3

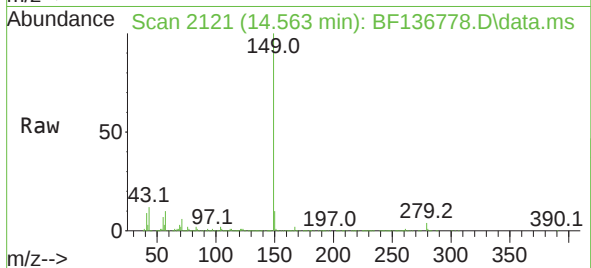
279 3.6 2.9 4.3





#85
Di-n-octyl phthalate
Concen: 55.637 ng
RT: 14.563 min Scan# 2122
Delta R.T. -0.006 min
Lab File: BF136778.D
Acq: 28 Dec 2023 01:37

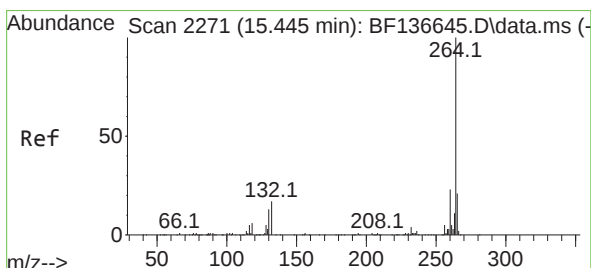
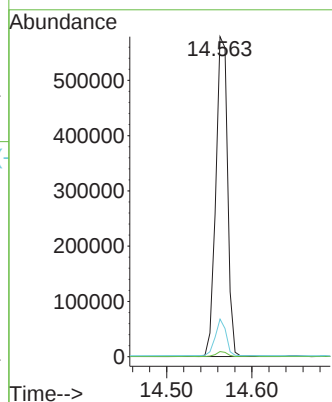
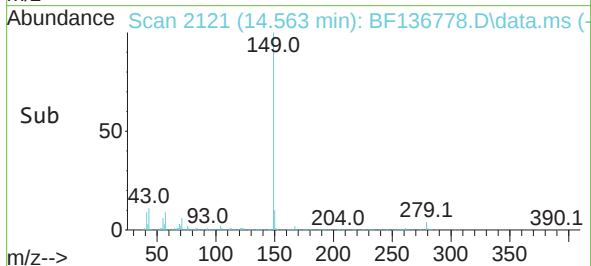
Instrument :
BNA_F
ClientSampleId :
EAST-WALLMSD



Tgt Ion:149 Resp: 55571
Ion Ratio Lower Upper
149 100
167 1.5 1.2 1.8
43 10.4 8.9 13.3

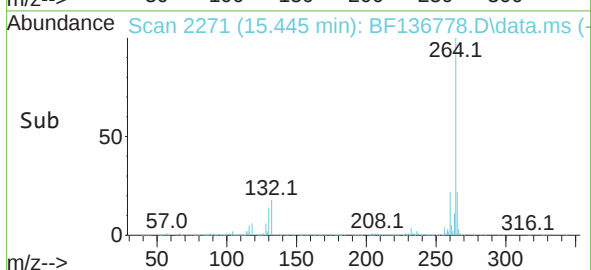
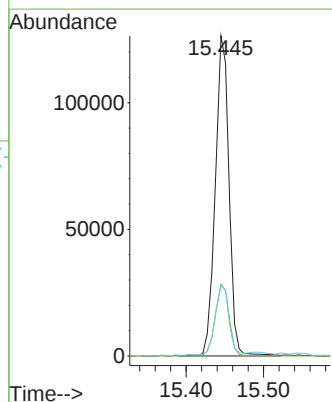
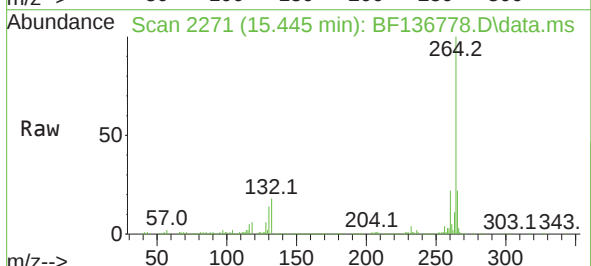
Manual Integrations
APPROVED

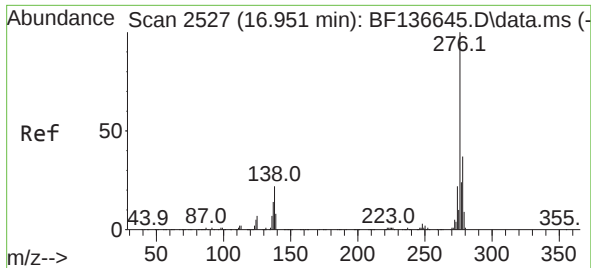
Reviewed By :Yogesh Patel 12/28/2023
Supervised By :mohammad ahmed 12/28/2023



#86
Perylene-d12
Concen: 20.000 ng
RT: 15.445 min Scan# 2271
Delta R.T. 0.000 min
Lab File: BF136778.D
Acq: 28 Dec 2023 01:37

Tgt Ion:264 Resp: 155513
Ion Ratio Lower Upper
264 100
260 22.4 18.3 27.5
265 22.1 17.0 25.6





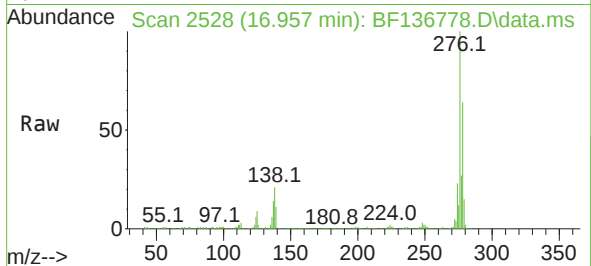
#87
Indeno(1,2,3-cd)pyrene
Concen: 34.929 ng
RT: 16.957 min Scan# 2194
Delta R.T. 0.006 min
Lab File: BF136778.D
Acq: 28 Dec 2023 01:37

Instrument :

BNA_F

ClientSampleId :

EAST-WALLMSD

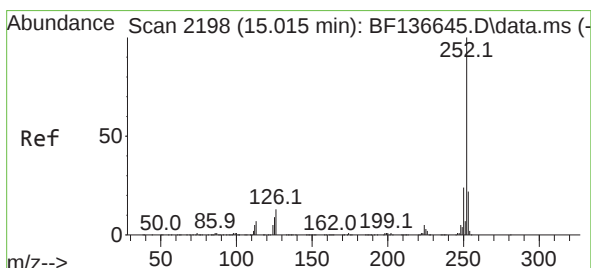
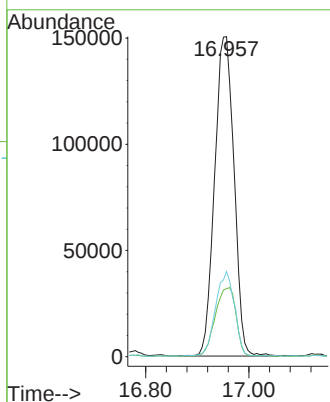
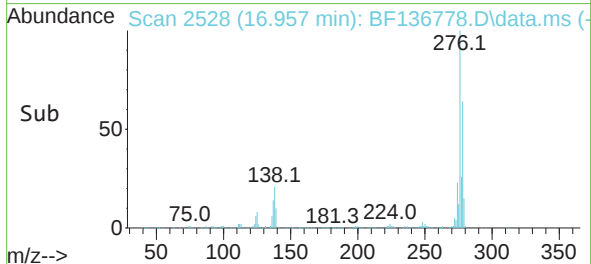


Tgt Ion:276 Resp: 392194
Ion Ratio Lower Upper
276 100
138 23.7 18.7 28.1
277 25.9 20.2 30.2

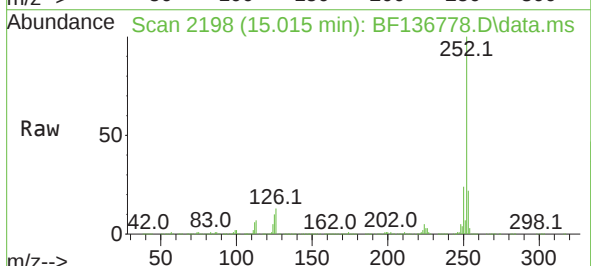
Manual Integrations

APPROVED

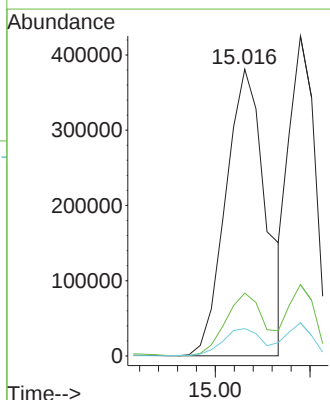
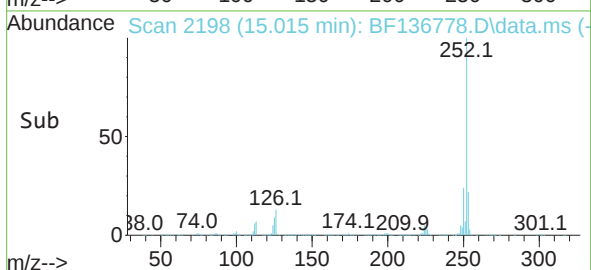
Reviewed By :Yogesh Patel 12/28/2023
Supervised By :mohammad ahmed 12/28/2023

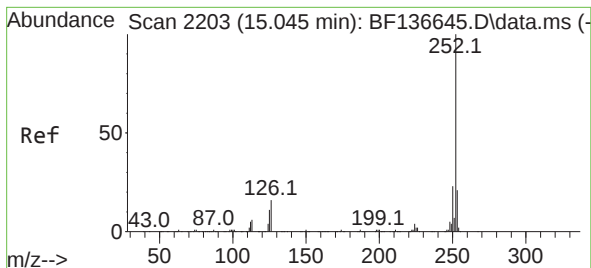


#88
Benzo(b)fluoranthene
Concen: 53.835 ng
RT: 15.015 min Scan# 2198
Delta R.T. 0.000 min
Lab File: BF136778.D
Acq: 28 Dec 2023 01:37



Tgt Ion:252 Resp: 559175
Ion Ratio Lower Upper
252 100
253 21.9 17.4 26.0
125 9.6 7.4 11.2





#89

Benzo(k)fluoranthene

Concen: 41.653 ng

RT: 15.045 min Scan# 21

Delta R.T. 0.000 min

Lab File: BF136778.D

Acq: 28 Dec 2023 01:37

Instrument :

BNA_F

ClientSampleId :

EAST-WALLMSD

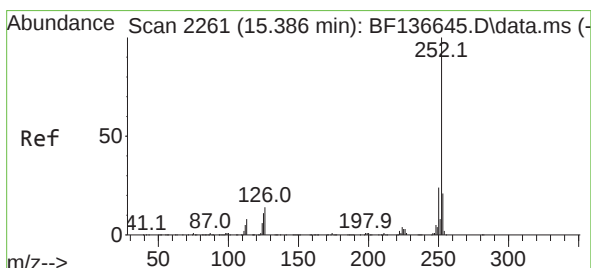
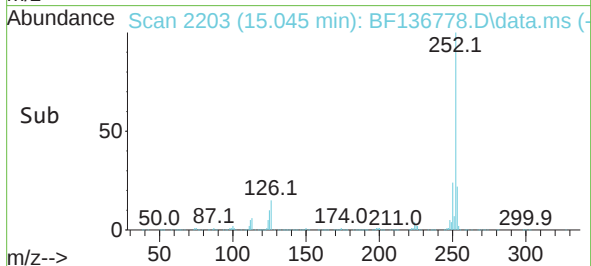
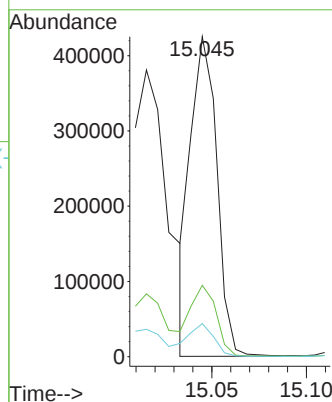
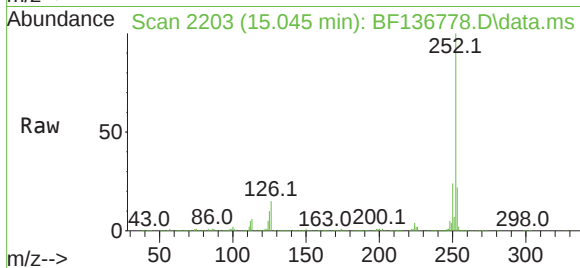
Tgt Ion:252 Resp: 408804
 Ion Ratio Lower Upper
 252 100
 253 22.3 17.0 25.6
 125 10.3 8.2 12.4

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 12/28/2023

Supervised By :mohammad ahmed 12/28/2023



#90

Benzo(a)pyrene

Concen: 48.401 ng

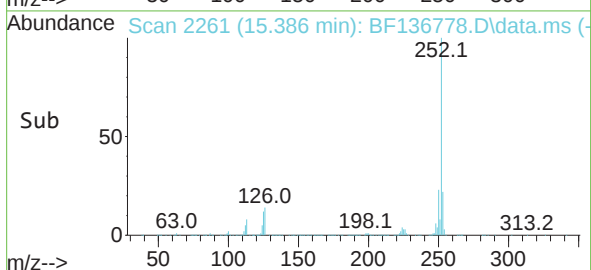
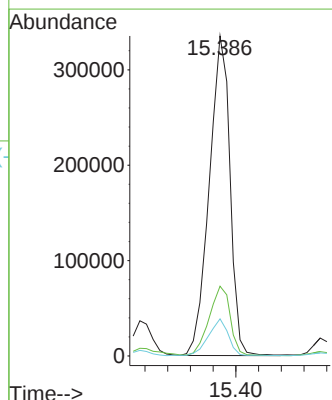
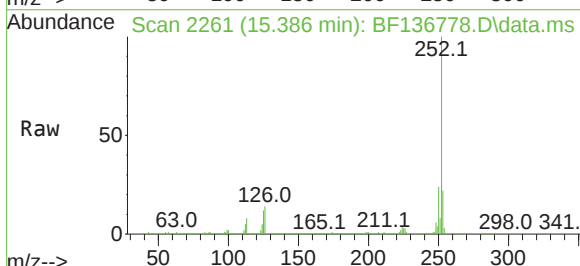
RT: 15.386 min Scan# 2261

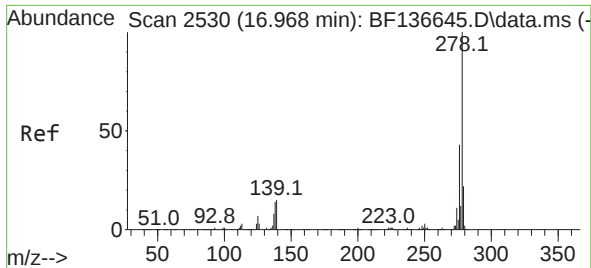
Delta R.T. 0.000 min

Lab File: BF136778.D

Acq: 28 Dec 2023 01:37

Tgt Ion:252 Resp: 424360
 Ion Ratio Lower Upper
 252 100
 253 21.8 17.0 25.6
 125 11.6 8.8 13.2





#91
Dibenzo(a,h)anthracene
Concen: 34.571 ng
RT: 16.968 min Scan# 2530
Delta R.T. 0.000 min
Lab File: BF136778.D
Acq: 28 Dec 2023 01:37

Instrument :

BNA_F

ClientSampleId :

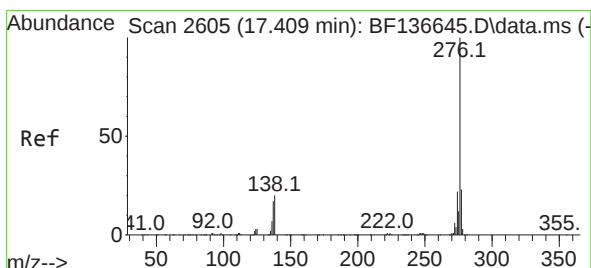
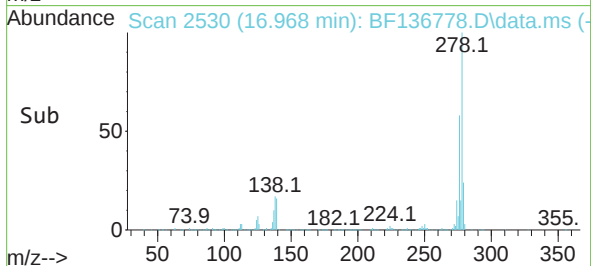
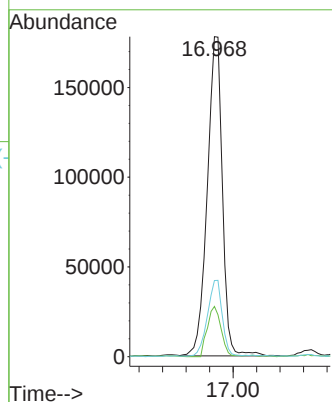
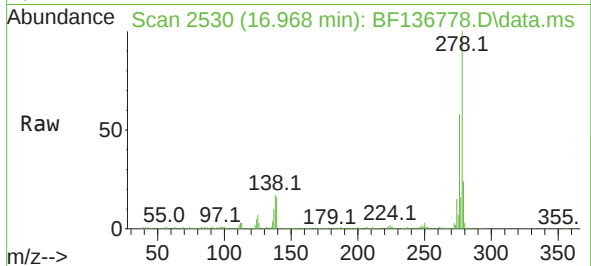
EAST-WALLMSD

Tgt Ion:278 Resp: 318454
Ion Ratio Lower Upper
278 100
139 15.7 12.2 18.4
279 23.8 17.8 26.6

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 12/28/2023
Supervised By :mohammad ahmed 12/28/2023



#92
Benzo(g,h,i)perylene
Concen: 32.101 ng
RT: 17.409 min Scan# 2605
Delta R.T. 0.000 min
Lab File: BF136778.D
Acq: 28 Dec 2023 01:37

Tgt Ion:276 Resp: 302864
Ion Ratio Lower Upper
276 100
277 23.7 18.3 27.5
138 20.6 15.6 23.4

