

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF121123\
 Data File : BF136490.D
 Acq On : 11 Dec 2023 14:59
 Operator : CG\JU
 Sample : PB157390BS
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB157390BS

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 12/14/2023
 Supervised By :mohammad ahmed 12/14/2023

Quant Time: Dec 11 15:20:03 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF120523.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Dec 06 09:40:27 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.798	152	129857	20.000	ng	0.00
21) Naphthalene-d8	8.075	136	558008	20.000	ng	0.00
39) Acenaphthene-d10	9.834	164	295608	20.000	ng	0.00
64) Phenanthrene-d10	11.322	188	552543	20.000	ng	0.00
76) Chrysene-d12	13.980	240	279416	20.000	ng	0.00
86) Perylene-d12	15.457	264	237096	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.451	112	1016587	115.614	ng	0.02
7) Phenol-d6	6.451	99	1260087	114.860	ng	0.00
23) Nitrobenzene-d5	7.363	82	753001	72.951	ng	0.00
42) 2,4,6-Tribromophenol	10.634	330	417849	114.640	ng	0.00
45) 2-Fluorobiphenyl	9.157	172	1522392	70.272	ng	0.00
79) Terphenyl-d14	12.922	244	1696232	80.014	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	2.658	88	109667	31.533	ng	97
3) Pyridine	3.416	79	263877	31.330	ng	97
4) n-Nitrosodimethylamine	3.381	42	147988	40.443	ng	98
6) Aniline	6.463	93	309368	27.904	ng	# 3
8) 2-Chlorophenol	6.587	128	406025	42.297	ng	99
9) Benzaldehyde	6.351	77	142121	23.103	ng	94
10) Phenol	6.463	94	474512	40.648	ng	88
11) bis(2-Chloroethyl)ether	6.540	93	356196	40.935	ng	96
12) 1,3-Dichlorobenzene	6.740	146	399227	36.981	ng	97
13) 1,4-Dichlorobenzene	6.816	146	416958	38.075	ng	100
14) 1,2-Dichlorobenzene	6.963	146	394129	38.273	ng	99
15) Benzyl Alcohol	6.946	79	314502	42.811	ng	99
16) 2,2'-oxybis(1-Chloropr...	7.069	45	424953	37.972	ng	82
17) 2-Methylphenol	7.057	107	321865	41.503	ng	95
18) Hexachloroethane	7.304	117	145940	38.171	ng	97
19) n-Nitroso-di-n-propyla...	7.216	70	252340	39.874	ng	98
20) 3+4-Methylphenols	7.210	107	391710	40.693	ng	95
22) Acetophenone	7.204	105	534710	38.805	ng	# 97
24) Nitrobenzene	7.381	77	388288	37.394	ng	98
25) Isophorone	7.616	82	715584	38.588	ng	99
26) 2-Nitrophenol	7.693	139	212042	41.538	ng	98
27) 2,4-Dimethylphenol	7.734	122	324676	51.581	ng	96
28) bis(2-Chloroethoxy)met...	7.828	93	437837	38.423	ng	98
29) 2,4-Dichlorophenol	7.940	162	335205	40.345	ng	98
30) 1,2,4-Trichlorobenzene	8.016	180	361094	37.272	ng	98
31) Naphthalene	8.098	128	1149545	37.357	ng	99
32) Benzoic acid	7.881	122	261185	41.828	ng	92
33) 4-Chloroaniline	8.145	127	272488	24.838	ng	98
34) Hexachlorobutadiene	8.210	225	207879	36.206	ng	98
35) Caprolactam	8.528	113	108464m	42.392	ng	
36) 4-Chloro-3-methylphenol	8.640	107	367903	41.704	ng	99
37) 2-Methylnaphthalene	8.787	142	743670	37.987	ng	93
38) 1-Methylnaphthalene	8.887	142	711631	37.044	ng	100
40) 1,2,4,5-Tetrachloroben...	8.957	216	358459	38.977	ng	99
41) Hexachlorocyclopentadiene	8.939	237	313209	91.926	ng	100
43) 2,4,6-Trichlorophenol	9.069	196	244087	40.761	ng	98

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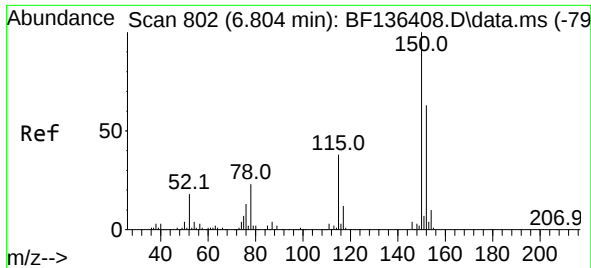
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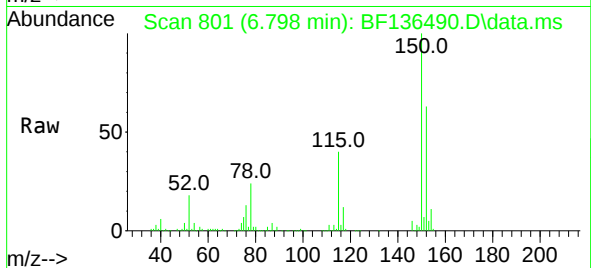
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.122	196	263830	39.475	ng	94
46) 1,1'-Biphenyl	9.257	154	961103	38.210	ng	98
47) 2-Chloronaphthalene	9.281	162	742026	37.902	ng	99
48) 2-Nitroaniline	9.381	65	210592	40.107	ng	95
49) Acenaphthylene	9.698	152	1129593	40.504	ng	99
50) Dimethylphthalate	9.563	163	871271	40.033	ng	99
51) 2,6-Dinitrotoluene	9.628	165	195084	39.844	ng	# 86
52) Acenaphthene	9.869	154	682467	38.188	ng	98
53) 3-Nitroaniline	9.792	138	157214	31.444	ng	96
54) 2,4-Dinitrophenol	9.904	184	216439	87.432	ng	# 91
55) Dibenzofuran	10.039	168	1008365	38.624	ng	98
56) 4-Nitrophenol	9.969	139	310649	82.881	ng	98
57) 2,4-Dinitrotoluene	10.034	165	255399	39.431	ng	96
58) Fluorene	10.386	166	800723	38.207	ng	100
59) 2,3,4,6-Tetrachlorophenol	10.163	232	229173	42.807	ng	99
60) Diethylphthalate	10.263	149	832284	38.890	ng	99
61) 4-Chlorophenyl-phenyle...	10.375	204	394785	38.642	ng	99
62) 4-Nitroaniline	10.416	138	193522	38.980	ng	96
63) Azobenzene	10.539	77	730519	37.502	ng	98
65) 4,6-Dinitro-2-methylph...	10.439	198	146102	42.695	ng	96
66) n-Nitrosodiphenylamine	10.498	169	725802	40.936	ng	99
67) 4-Bromophenyl-phenylether	10.869	248	253015	39.385	ng	96
68) Hexachlorobenzene	10.933	284	282484	38.045	ng	94
69) Atrazine	11.033	200	202834	40.083	ng	97
70) Pentachlorophenol	11.133	266	276373	65.952	ng	97
71) Phenanthrene	11.351	178	1217841	40.100	ng	99
72) Anthracene	11.404	178	1222498	39.965	ng	99
73) Carbazole	11.563	167	1054375	38.944	ng	99
74) Di-n-butylphthalate	11.892	149	1259629	37.952	ng	100
75) Fluoranthene	12.545	202	1178516	37.030	ng	99
77) Benzidine	12.669	184	63527	15.677	ng	98
78) Pyrene	12.775	202	1179816	43.114	ng	98
80) Butylbenzylphthalate	13.398	149	410841	42.175	ng	96
81) Benzo(a)anthracene	13.969	228	803091	41.262	ng	99
82) 3,3'-Dichlorobenzidine	13.933	252	221919	40.666	ng	97
83) Chrysene	14.004	228	759005	39.637	ng	99
84) Bis(2-ethylhexyl)phtha...	13.963	149	473148	39.620	ng	99
85) Di-n-octyl phthalate	14.580	149	694933	39.396	ng	99
87) Indeno(1,2,3-cd)pyrene	16.962	276	834889	50.687	ng	99
88) Benzo(b)fluoranthene	15.021	252	734964	45.338	ng	99
89) Benzo(k)fluoranthene	15.051	252	622928	40.775	ng	99
90) Benzo(a)pyrene	15.392	252	615293	45.960	ng	99
91) Dibenzo(a,h)anthracene	16.980	278	693724	51.409	ng	99
92) Benzo(g,h,i)perylene	17.421	276	700206	50.555	ng	99

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



#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.798 min Scan# 80
 Delta R.T. -0.006 min
 Lab File: BF136490.D
 Acq: 11 Dec 2023 14:59

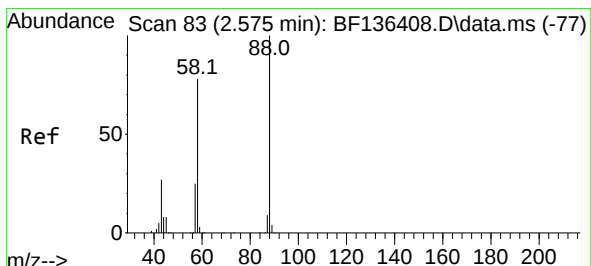
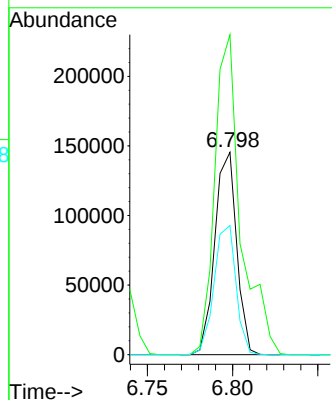
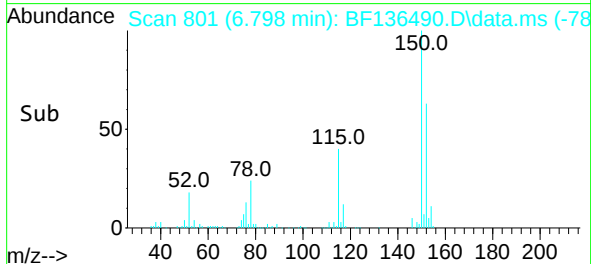
Instrument :
 BNA_F
 ClientSampleId :
 PB157390BS



Tgt Ion:152 Resp: 12985
 Ion Ratio Lower Upper
 152 100
 150 158.1 126.4 189.6
 115 63.8 48.2 72.4

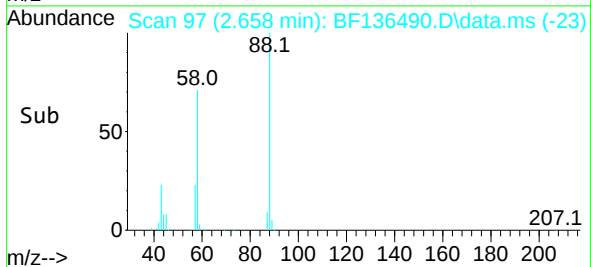
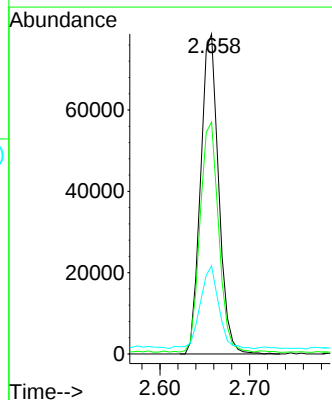
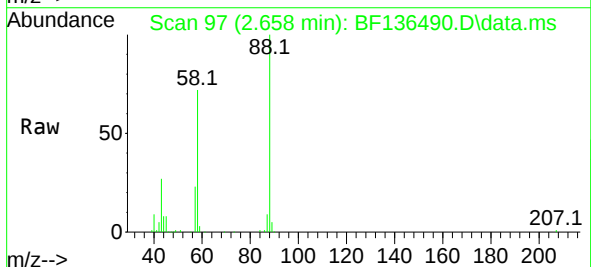
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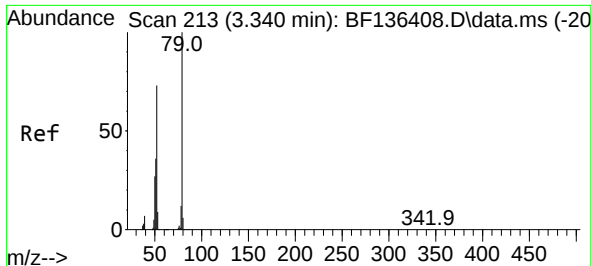
Reviewed By :Yogesh Patel 12/14/2023
 Supervised By :mohammad ahmed 12/14/2023



#2
 1,4-Dioxane
 Concen: 31.533 ng
 RT: 2.658 min Scan# 97
 Delta R.T. 0.082 min
 Lab File: BF136490.D
 Acq: 11 Dec 2023 14:59

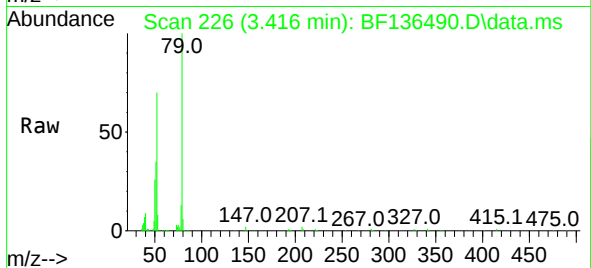
Tgt Ion: 88 Resp: 109667
 Ion Ratio Lower Upper
 88 100
 58 73.9 62.2 93.2
 43 26.6 21.5 32.3





#3
Pyridine
Concen: 31.330 ng
RT: 3.416 min Scan# 21
Delta R.T. 0.077 min
Lab File: BF136490.D
Acq: 11 Dec 2023 14:59

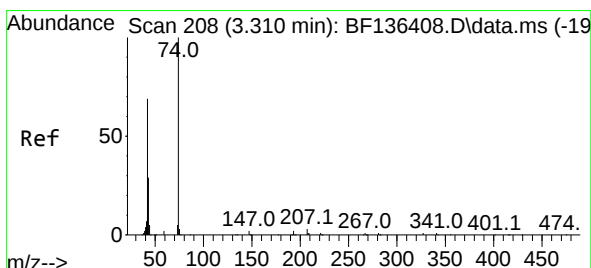
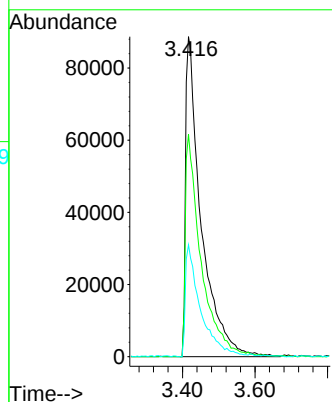
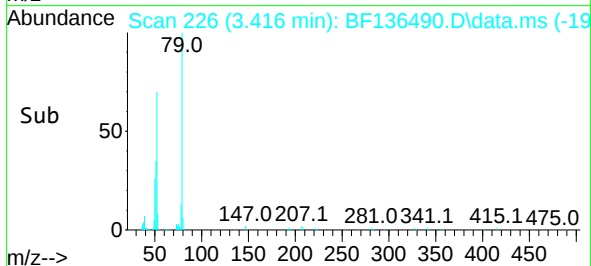
Instrument :
BNA_F
ClientSampleId :
PB157390BS



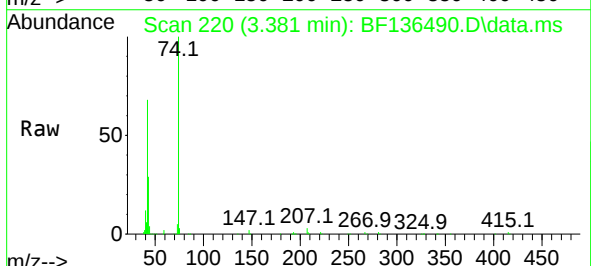
Tgt Ion: 79 Resp: 26387
Ion Ratio Lower Upper
79 100
52 69.5 58.2 87.2
51 34.9 29.1 43.7

Manual Integrations
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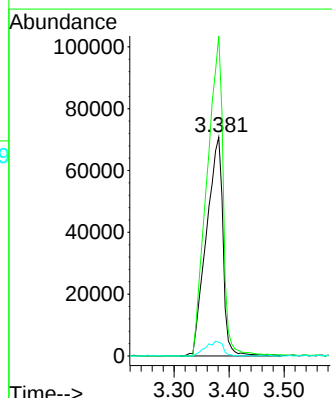
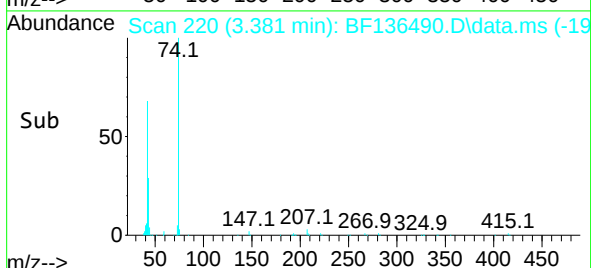
Reviewed By :Yogesh Patel 12/14/2023
Supervised By :mohammad ahmed 12/14/2023

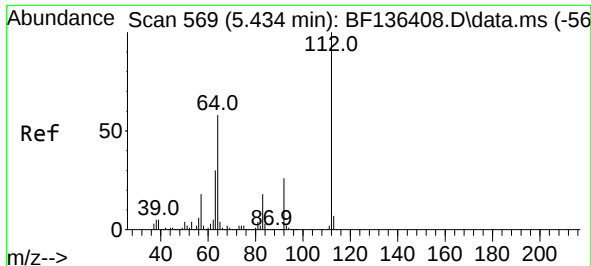


#4
n-Nitrosodimethylamine
Concen: 40.443 ng
RT: 3.381 min Scan# 220
Delta R.T. 0.071 min
Lab File: BF136490.D
Acq: 11 Dec 2023 14:59



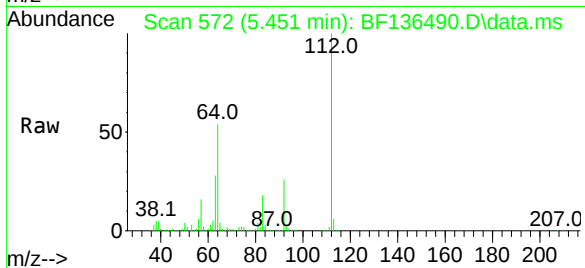
Tgt Ion: 42 Resp: 147988
Ion Ratio Lower Upper
42 100
74 146.2 115.4 173.0
44 6.3 6.2 9.2





#5
2-Fluorophenol
Concen: 115.614 ng
RT: 5.451 min Scan# 51
Delta R.T. 0.018 min
Lab File: BF136490.D
Acq: 11 Dec 2023 14:59

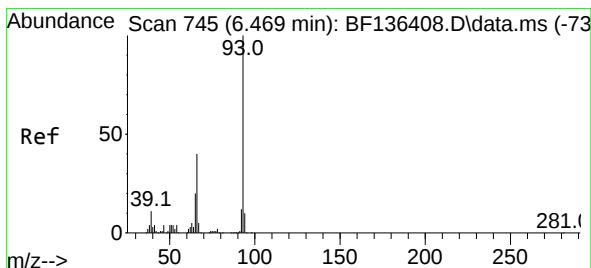
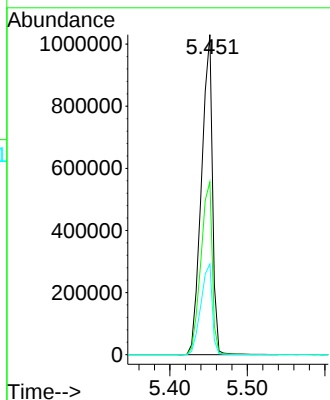
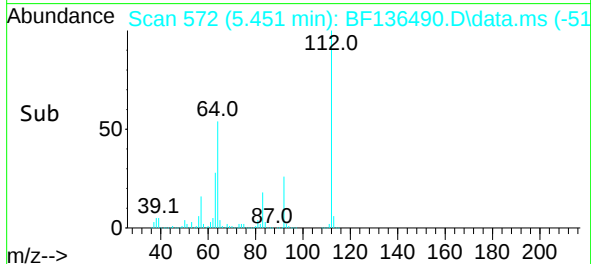
Instrument :
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ClientSampleId :
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Tgt Ion:112 Resp: 101658
Ion Ratio Lower Upper
112 100
64 54.0 46.5 69.7
63 28.4 23.9 35.9

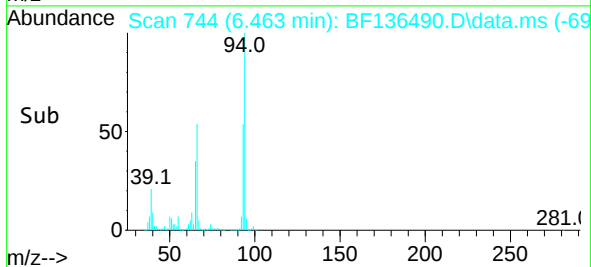
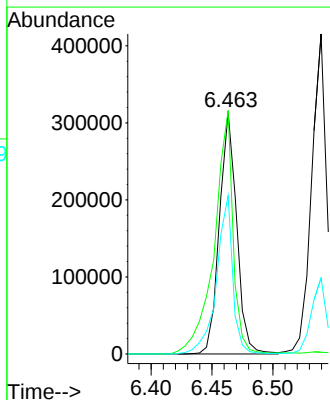
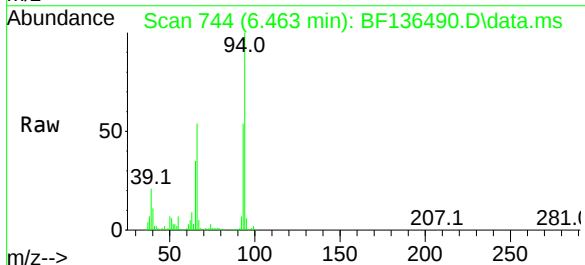
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#6
Aniline
Concen: 27.904 ng
RT: 6.463 min Scan# 744
Delta R.T. -0.006 min
Lab File: BF136490.D
Acq: 11 Dec 2023 14:59

Tgt Ion: 93 Resp: 309368
Ion Ratio Lower Upper
93 100
66 100.7 32.5 48.7#
65 65.4 16.4 24.6#





#7

Phenol-d6

Concen: 114.860 ng

RT: 6.451 min Scan# 741

Delta R.T. 0.006 min

Lab File: BF136490.D

Acq: 11 Dec 2023 14:59

Instrument :

BNA_F

ClientSampleId :

PB157390BS

Tgt Ion: 99 Resp: 126008

Ion Ratio Lower Upper

99 100

42 15.3 12.8 19.2

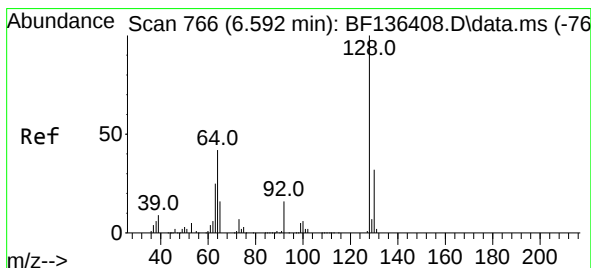
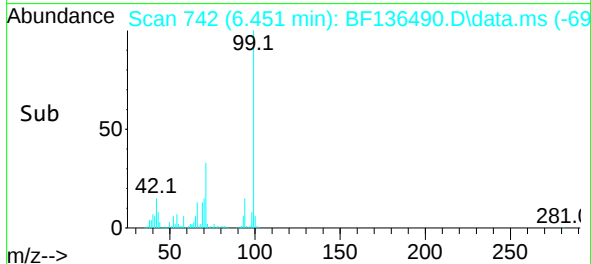
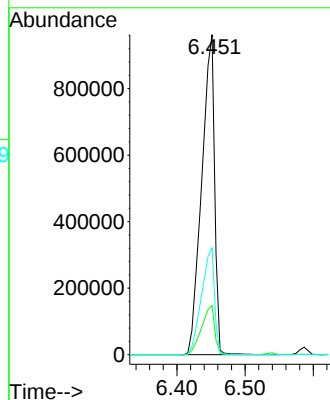
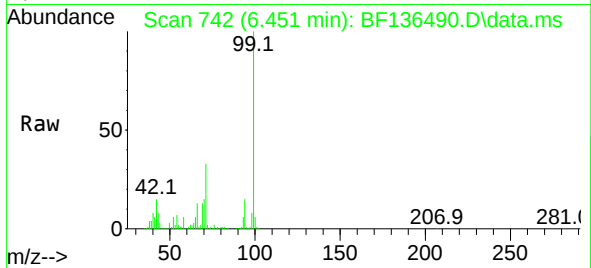
71 33.4 27.0 40.4

Manual Integrations

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Supervised By :mohammad ahmed 12/14/2023



#8

2-Chlorophenol

Concen: 42.297 ng

RT: 6.587 min Scan# 765

Delta R.T. -0.006 min

Lab File: BF136490.D

Acq: 11 Dec 2023 14:59

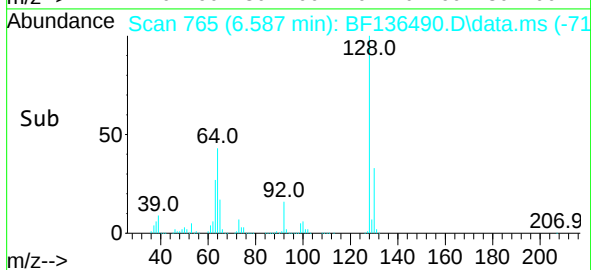
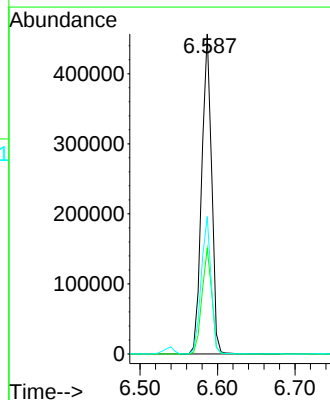
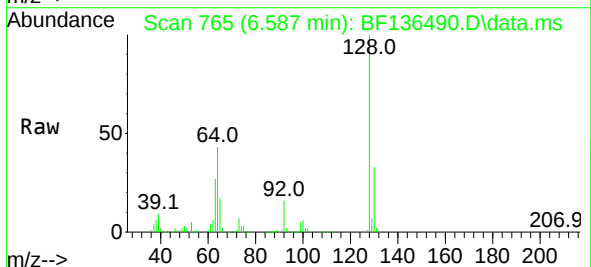
Tgt Ion:128 Resp: 406025

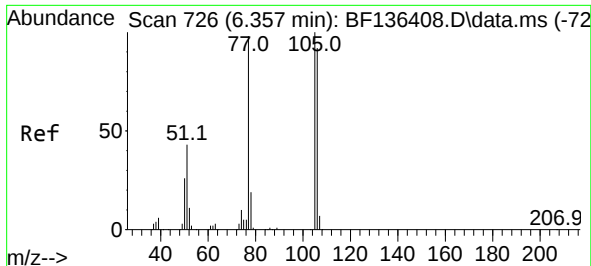
Ion Ratio Lower Upper

128 100

130 33.0 11.7 51.7

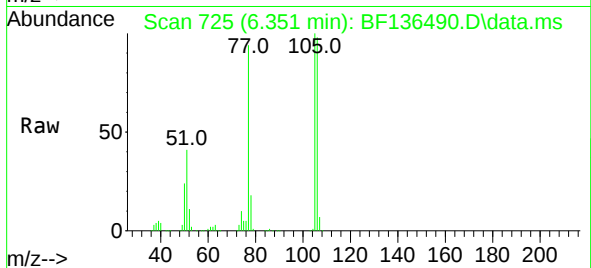
64 43.0 22.5 62.5





#9
Benzaldehyde
Concen: 23.103 ng
RT: 6.351 min Scan# 71
Delta R.T. -0.006 min
Lab File: BF136490.D
Acq: 11 Dec 2023 14:59

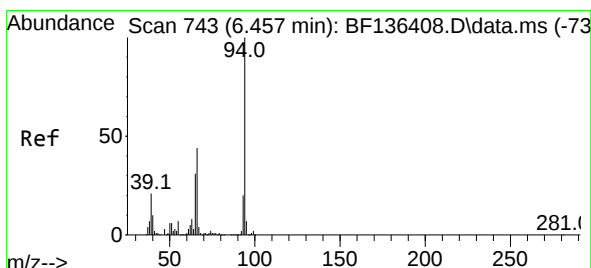
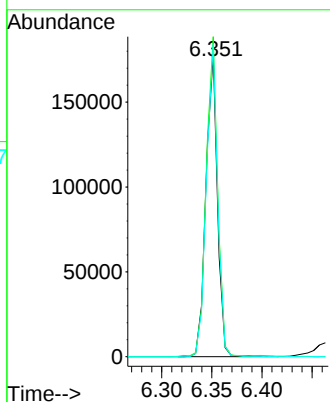
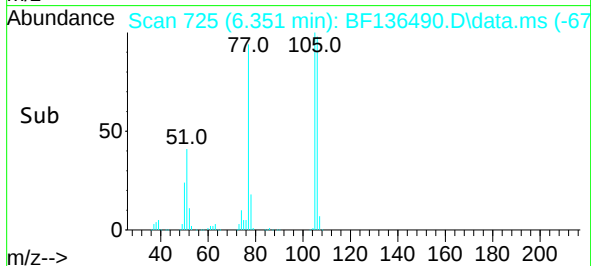
Instrument :
BNA_F
ClientSampleId :
PB157390BS



Tgt Ion: 77 Resp: 14212
Ion Ratio Lower Upper
77 100
105 106.0 82.5 122.5
106 103.6 74.5 114.5

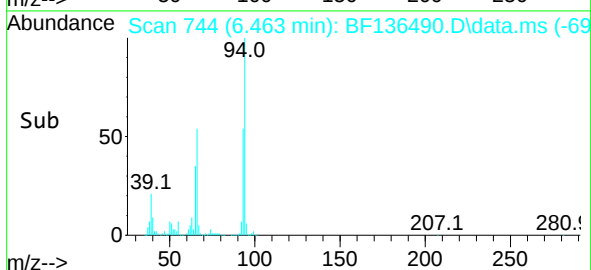
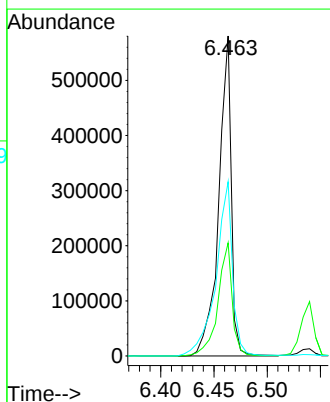
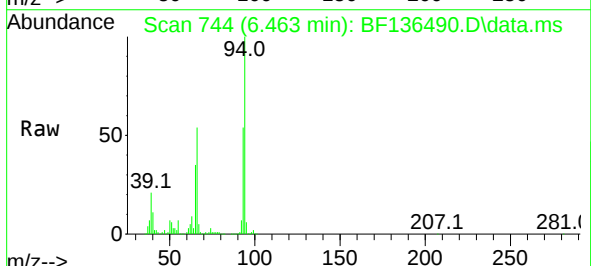
Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 12/14/2023
Supervised By :mohammad ahmed 12/14/2023



#10
Phenol
Concen: 40.648 ng
RT: 6.463 min Scan# 744
Delta R.T. 0.006 min
Lab File: BF136490.D
Acq: 11 Dec 2023 14:59

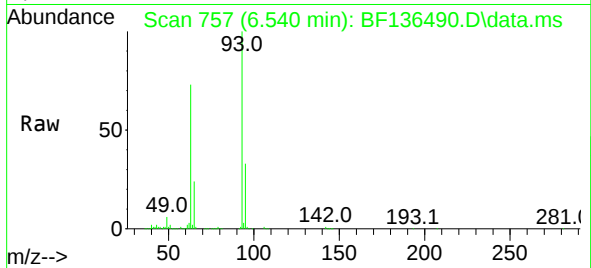
Tgt Ion: 94 Resp: 474512
Ion Ratio Lower Upper
94 100
65 35.4 11.2 51.2
66 54.4 24.2 64.2





#11
bis(2-Chloroethyl)ether
Concen: 40.935 ng
RT: 6.540 min Scan# 758
Delta R.T. -0.006 min
Lab File: BF136490.D
Acq: 11 Dec 2023 14:59

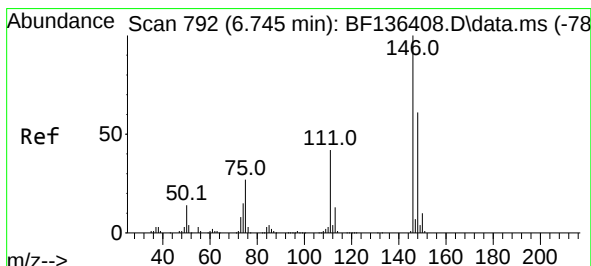
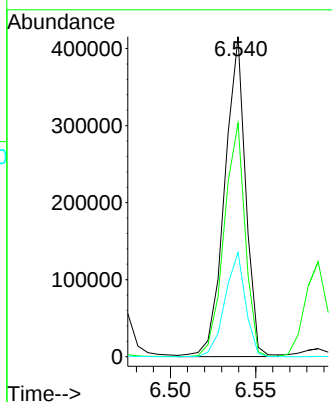
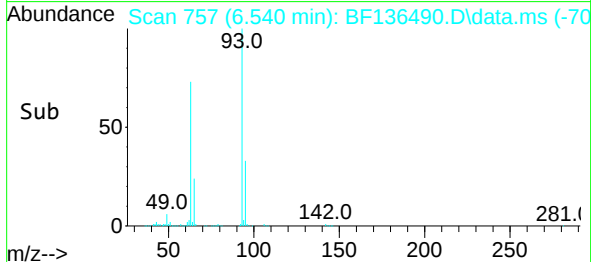
Instrument :
BNA_F
ClientSampleId :
PB157390BS



Tgt Ion: 93 Resp: 356190
Ion Ratio Lower Upper
93 100
63 73.0 56.8 96.8
95 32.6 11.8 51.8

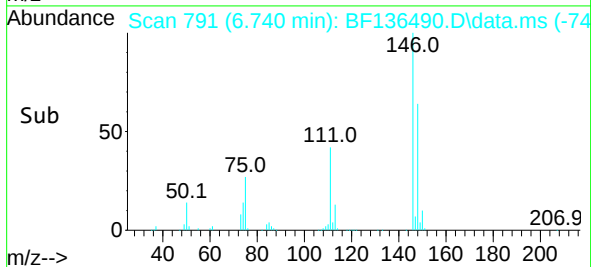
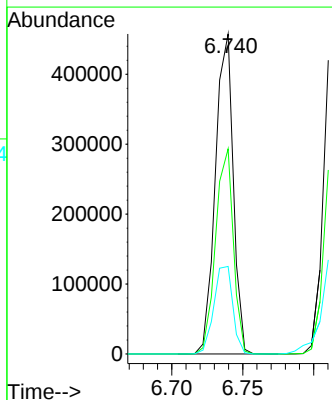
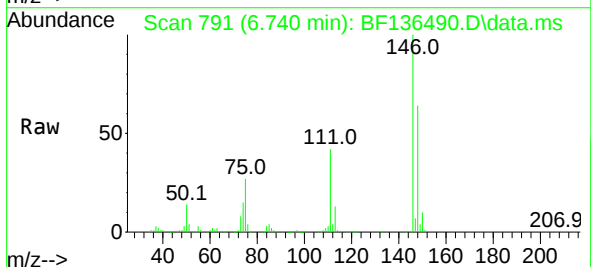
Manual Integrations
APPROVED

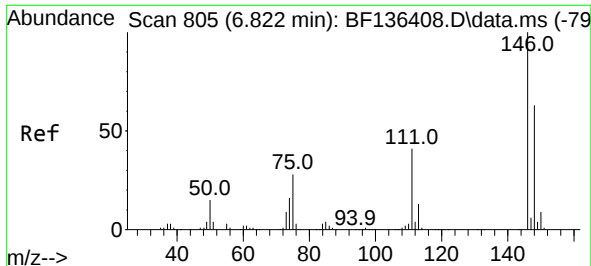
Reviewed By :Yogesh Patel 12/14/2023
Supervised By :mohammad ahmed 12/14/2023



#12
1,3-Dichlorobenzene
Concen: 36.981 ng
RT: 6.740 min Scan# 791
Delta R.T. -0.006 min
Lab File: BF136490.D
Acq: 11 Dec 2023 14:59

Tgt Ion:146 Resp: 399227
Ion Ratio Lower Upper
146 100
148 64.1 49.0 73.6
75 27.4 21.8 32.6





#13

1,4-Dichlorobenzene

Concen: 38.075 ng

RT: 6.816 min Scan# 805

Delta R.T. -0.006 min

Lab File: BF136490.D

Acq: 11 Dec 2023 14:59

Instrument :

BNA_F

ClientSampleId :

PB157390BS

Tgt Ion:146 Resp: 416958

Ion Ratio Lower Upper

146 100

148 62.8 50.3 75.5

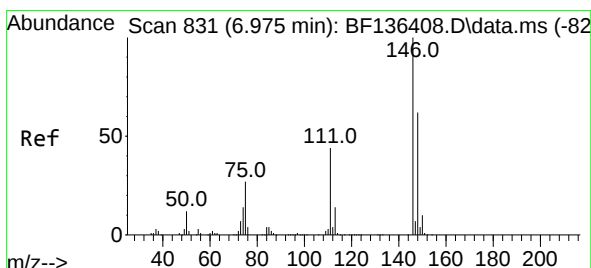
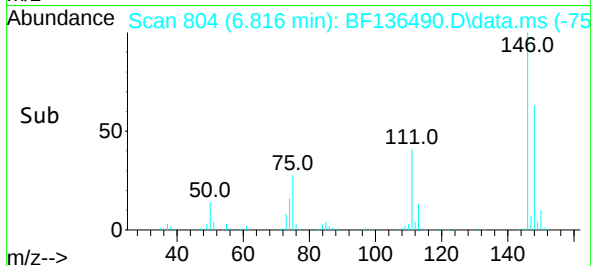
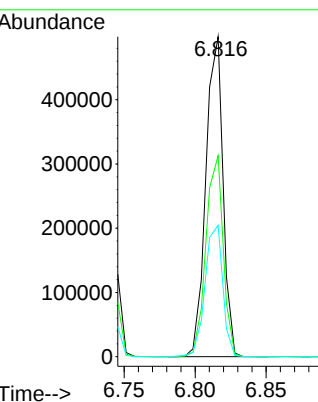
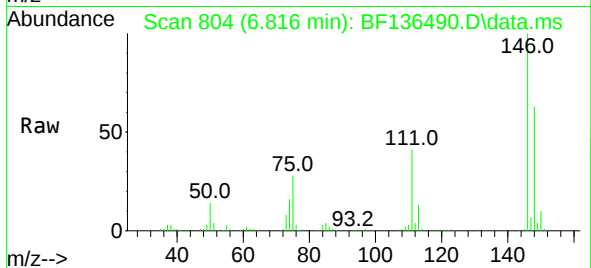
111 41.1 32.6 49.0

Manual Integrations

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Reviewed By :Yogesh Patel 12/14/2023

Supervised By :mohammad ahmed 12/14/2023



#14

1,2-Dichlorobenzene

Concen: 38.273 ng

RT: 6.963 min Scan# 829

Delta R.T. -0.012 min

Lab File: BF136490.D

Acq: 11 Dec 2023 14:59

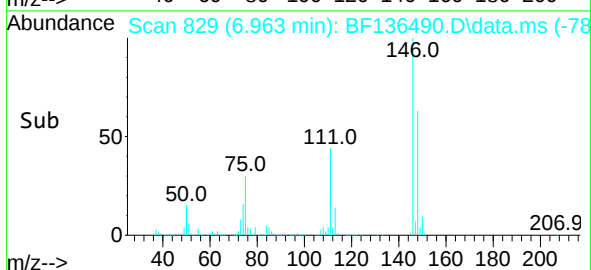
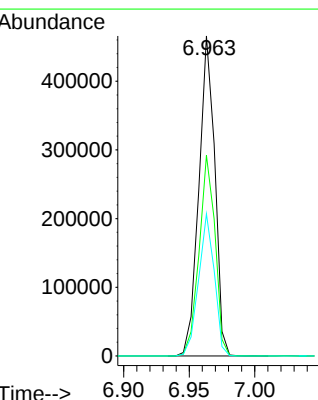
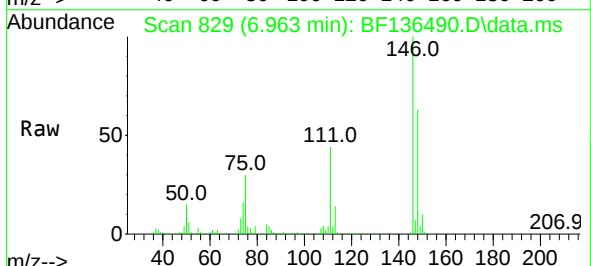
Tgt Ion:146 Resp: 394129

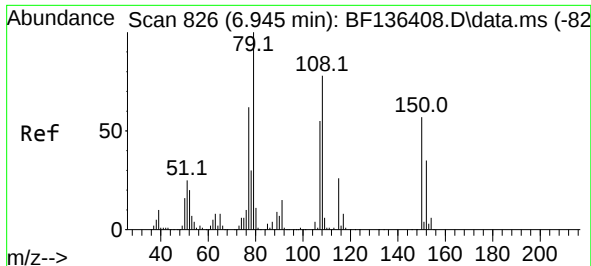
Ion Ratio Lower Upper

146 100

148 62.7 49.8 74.6

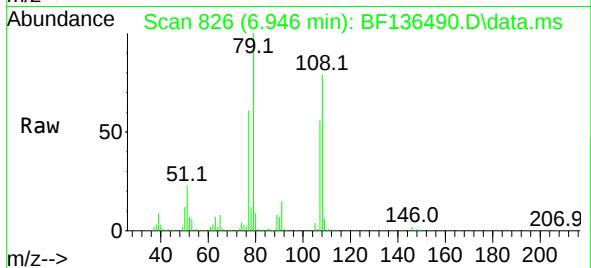
111 44.4 34.9 52.3





#15
Benzyl Alcohol
Concen: 42.811 ng
RT: 6.946 min Scan# 81
Delta R.T. 0.000 min
Lab File: BF136490.D
Acq: 11 Dec 2023 14:59

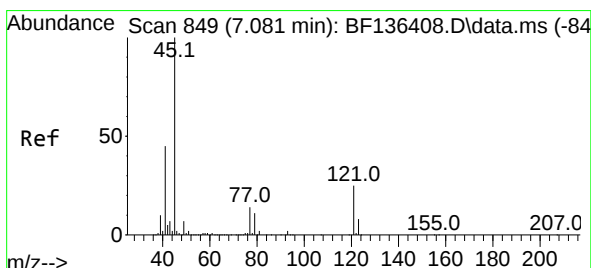
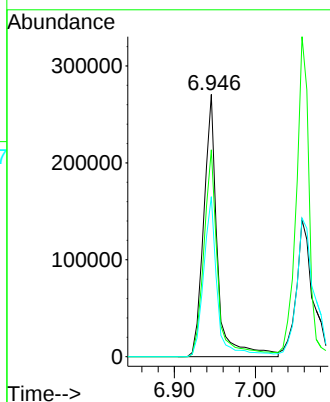
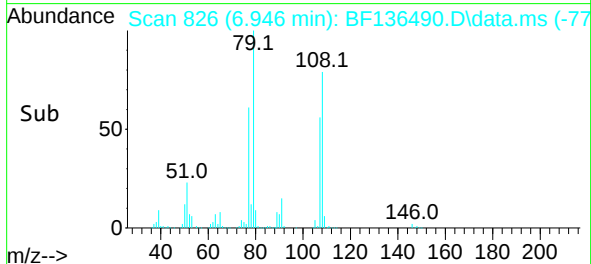
Instrument :
BNA_F
ClientSampleId :
PB157390BS



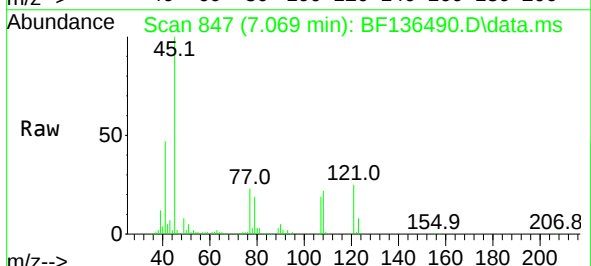
Tgt Ion: 79 Resp: 314502
Ion Ratio Lower Upper
79 100
108 78.9 62.3 93.5
77 61.0 49.8 74.8

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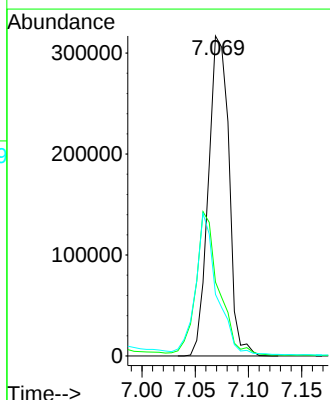
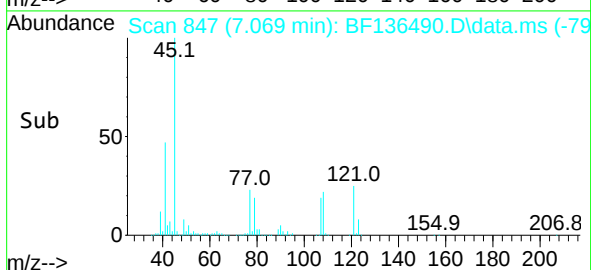
Reviewed By :Yogesh Patel 12/14/2023
Supervised By :mohammad ahmed 12/14/2023



#16
2,2'-oxybis(1-Chloropropane)
Concen: 37.972 ng
RT: 7.069 min Scan# 847
Delta R.T. -0.012 min
Lab File: BF136490.D
Acq: 11 Dec 2023 14:59



Tgt Ion: 45 Resp: 424953
Ion Ratio Lower Upper
45 100
77 23.1 0.0 35.3
79 19.2 0.0 32.5





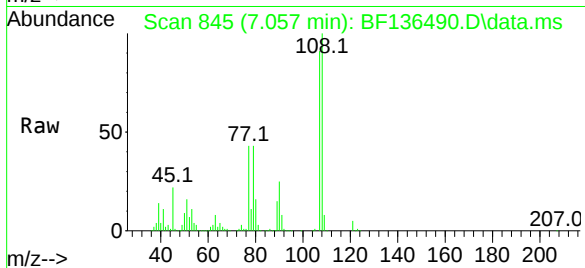
#17
2-Methylphenol
Concen: 41.503 ng
RT: 7.057 min Scan# 845
Delta R.T. 0.000 min
Lab File: BF136490.D
Acq: 11 Dec 2023 14:59

Instrument :

BNA_F

ClientSampleId :

PB157390BS

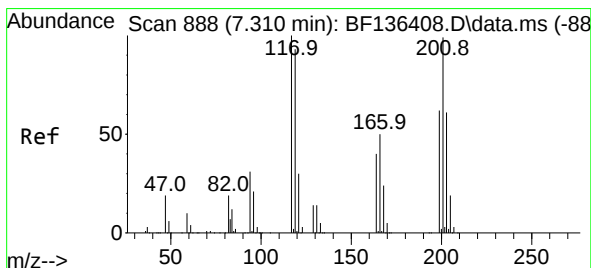
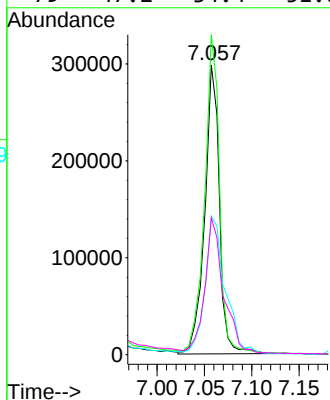
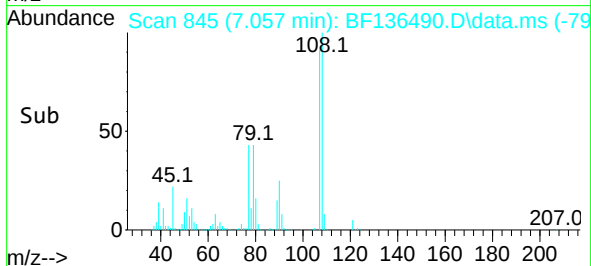


Tgt Ion:107 Resp: 32186
Ion Ratio Lower Upper
107 100
108 110.4 86.5 129.7
77 47.8 33.8 50.8
79 47.2 34.4 51.6

Manual Integrations

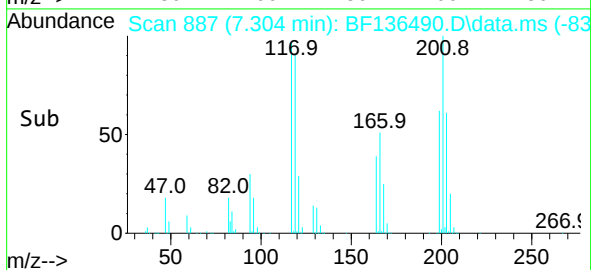
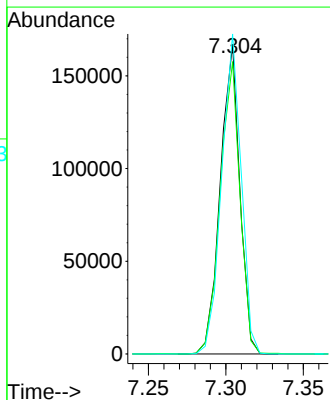
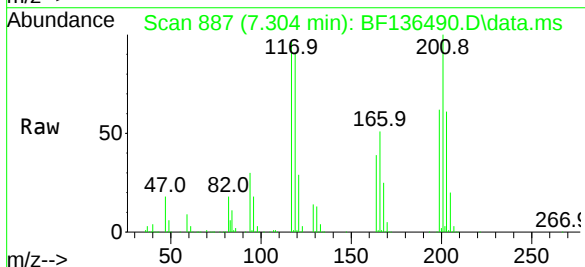
APPROVED

Reviewed By :Yogesh Patel 12/14/2023
Supervised By :mohammad ahmed 12/14/2023



#18
Hexachloroethane
Concen: 38.171 ng
RT: 7.304 min Scan# 887
Delta R.T. -0.006 min
Lab File: BF136490.D
Acq: 11 Dec 2023 14:59

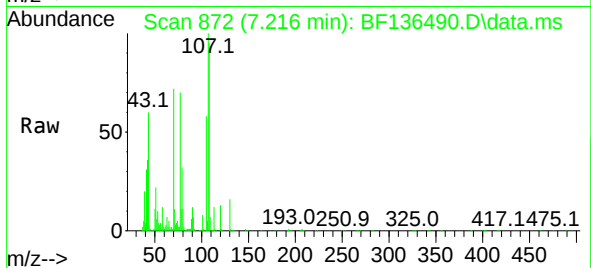
Tgt Ion:117 Resp: 145940
Ion Ratio Lower Upper
117 100
119 94.4 74.3 111.5
201 103.3 79.3 118.9





#19
n-Nitroso-di-n-propylamine
Concen: 39.874 ng
RT: 7.216 min Scan# 81
Delta R.T. -0.006 min
Lab File: BF136490.D
Acq: 11 Dec 2023 14:59

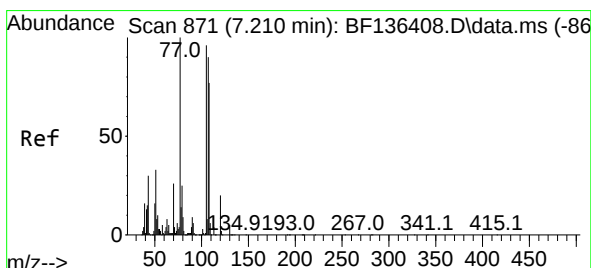
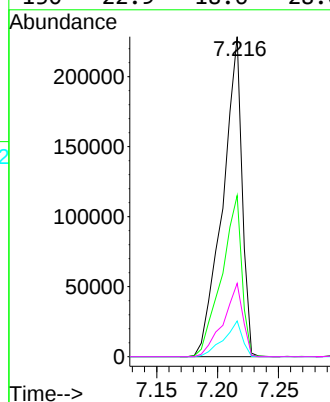
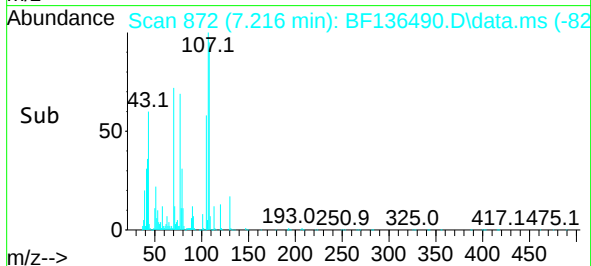
Instrument :
BNA_F
ClientSampleId :
PB157390BS



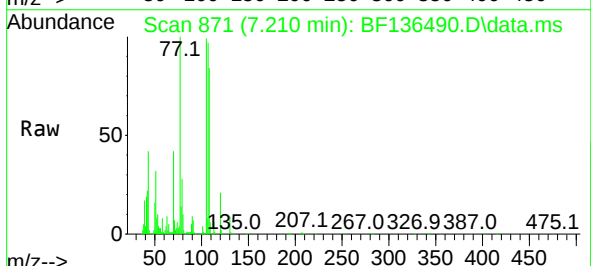
Tgt Ion: 70 Resp: 252340
Ion Ratio Lower Upper
70 100
42 50.3 41.4 62.0
101 11.2 8.2 12.4
130 22.9 18.6 28.0

Manual Integrations
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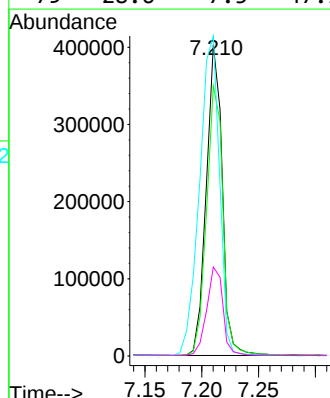
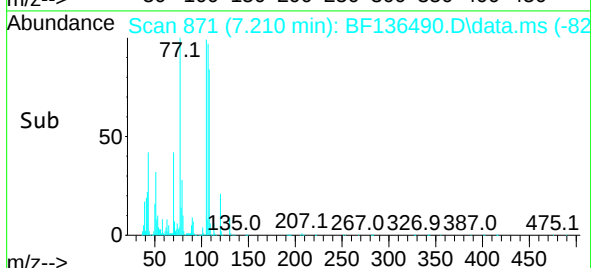
Reviewed By :Yogesh Patel 12/14/2023
Supervised By :mohammad ahmed 12/14/2023

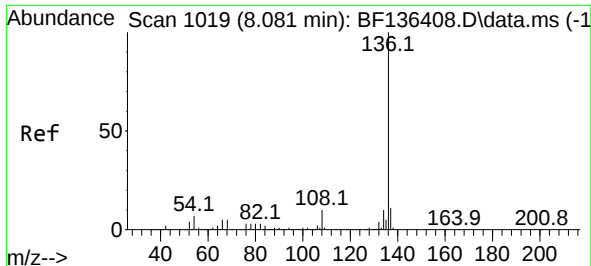


#20
3+4-Methylphenols
Concen: 40.693 ng
RT: 7.210 min Scan# 871
Delta R.T. 0.000 min
Lab File: BF136490.D
Acq: 11 Dec 2023 14:59



Tgt Ion:107 Resp: 391710
Ion Ratio Lower Upper
107 100
108 86.8 65.9 105.9
77 102.9 91.7 131.7
79 28.6 7.5 47.5





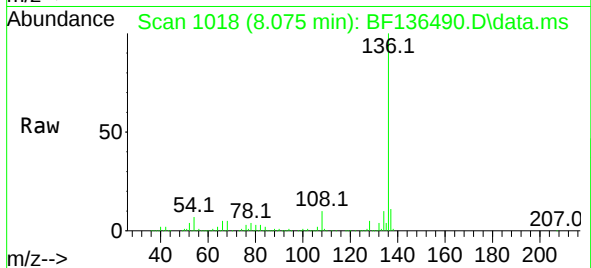
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.075 min Scan# 1019
Delta R.T. -0.006 min
Lab File: BF136490.D
Acq: 11 Dec 2023 14:59

Instrument :

BNA_F

ClientSampleId :

PB157390BS

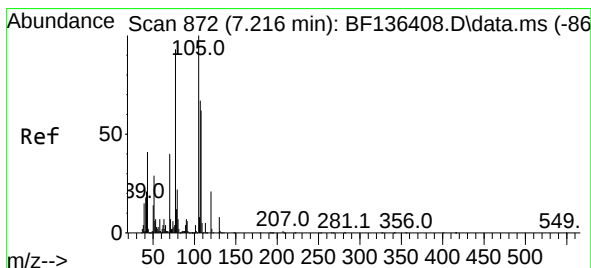
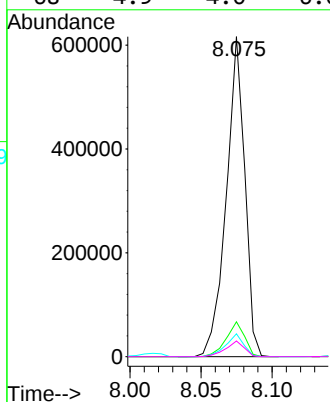
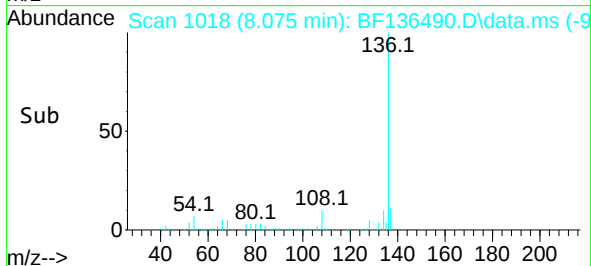


Tgt Ion:136 Resp: 558000
Ion Ratio Lower Upper
136 100
137 10.9 8.6 12.8
54 7.2 5.7 8.5
68 4.9 4.0 6.0

Manual Integrations

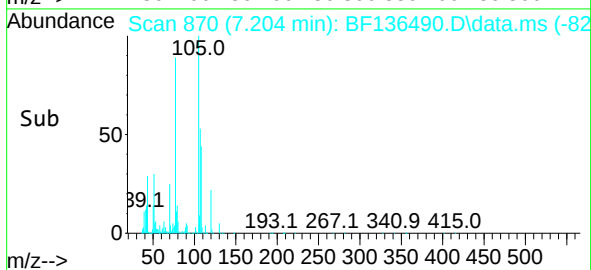
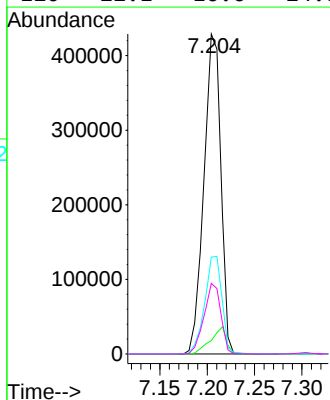
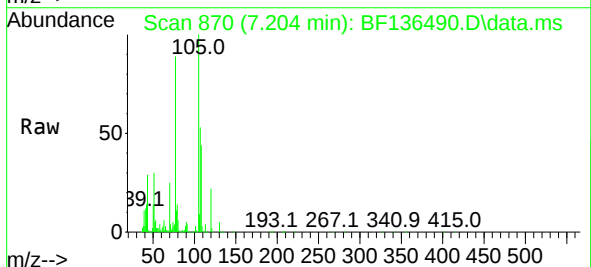
APPROVED

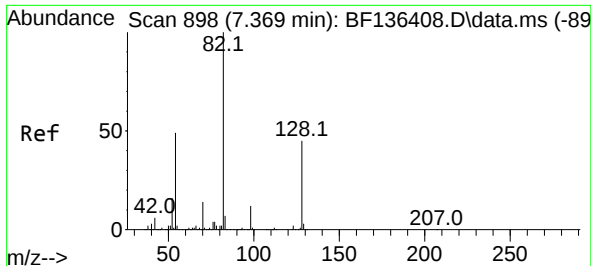
Reviewed By :Yogesh Patel 12/14/2023
Supervised By :mohammad ahmed 12/14/2023



#22
Acetophenone
Concen: 38.805 ng
RT: 7.204 min Scan# 870
Delta R.T. -0.012 min
Lab File: BF136490.D
Acq: 11 Dec 2023 14:59

Tgt Ion:105 Resp: 534710
Ion Ratio Lower Upper
105 100
71 4.2 5.4 8.0#
51 30.2 23.4 35.2
120 22.1 16.6 24.8





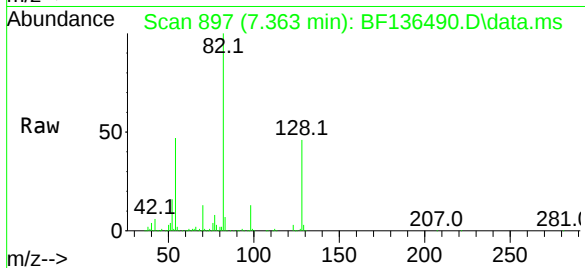
#23
Nitrobenzene-d5
Concen: 72.951 ng
RT: 7.363 min Scan# 898
Delta R.T. -0.006 min
Lab File: BF136490.D
Acq: 11 Dec 2023 14:59

Instrument :

BNA_F

ClientSampleId :

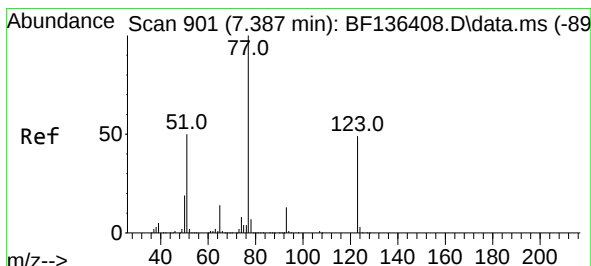
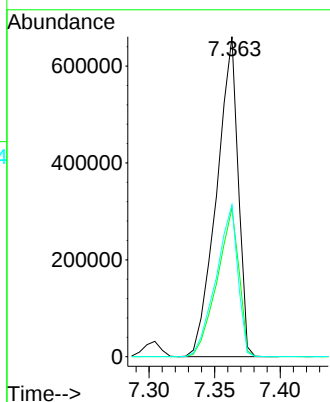
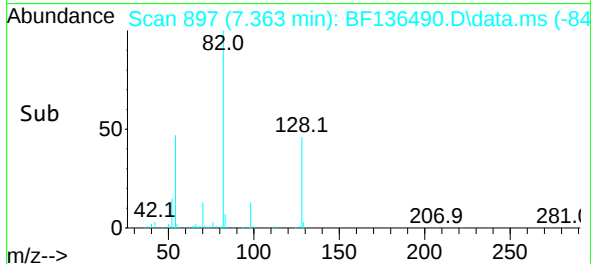
PB157390BS



Tgt Ion: 82 Resp: 753000
Ion Ratio Lower Upper
82 100
128 46.4 36.3 54.5
54 47.4 39.0 58.6

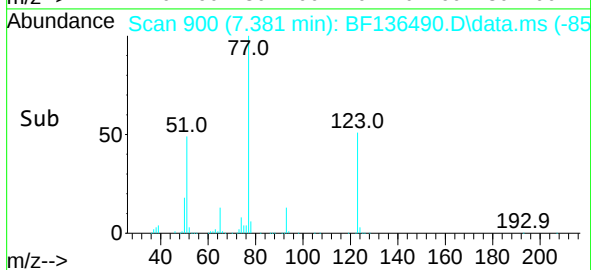
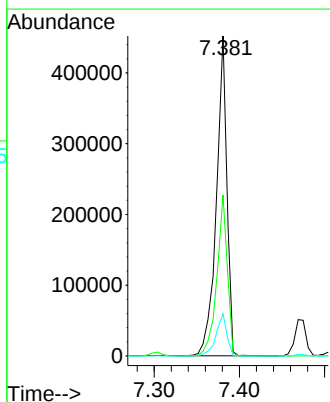
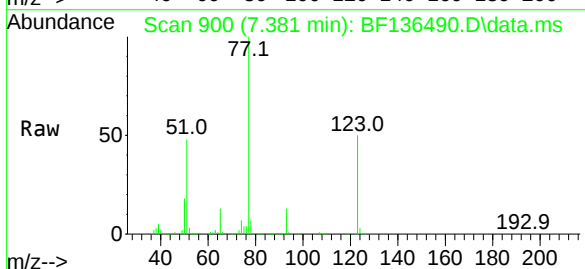
Manual Integrations
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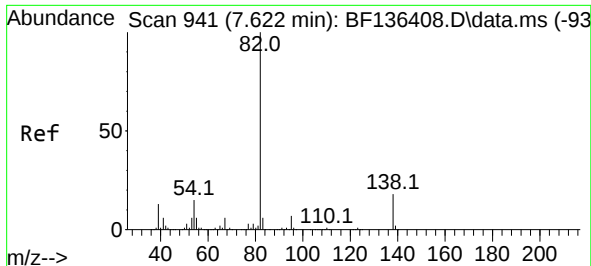
Reviewed By :Yogesh Patel 12/14/2023
Supervised By :mohammad ahmed 12/14/2023



#24
Nitrobenzene
Concen: 37.394 ng
RT: 7.381 min Scan# 900
Delta R.T. -0.006 min
Lab File: BF136490.D
Acq: 11 Dec 2023 14:59

Tgt Ion: 77 Resp: 388288
Ion Ratio Lower Upper
77 100
123 50.4 39.0 58.6
65 13.2 11.3 16.9





#25

Isophorone

Concen: 38.588 ng

RT: 7.616 min Scan# 941

Delta R.T. -0.006 min

Lab File: BF136490.D

Acq: 11 Dec 2023 14:59

Instrument :

BNA_F

ClientSampleId :

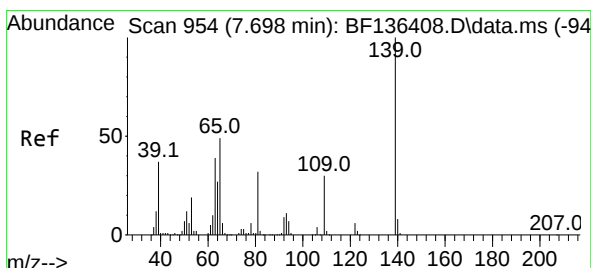
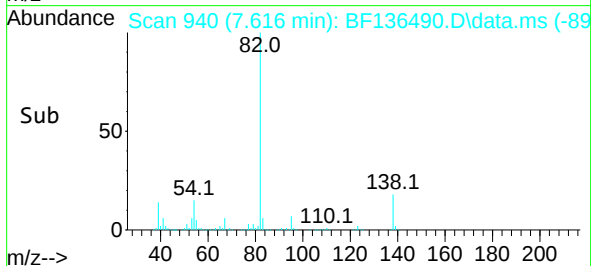
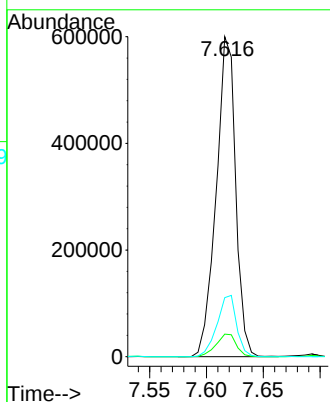
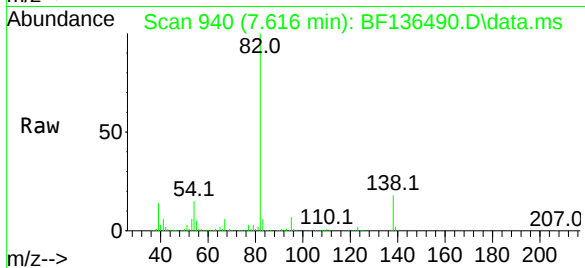
PB157390BS

Tgt Ion: 82 Resp: 715584
 Ion Ratio Lower Upper
 82 100
 95 7.0 5.7 8.5
 138 18.4 14.5 21.7

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 12/14/2023
 Supervised By :mohammad ahmed 12/14/2023



#26

2-Nitrophenol

Concen: 41.538 ng

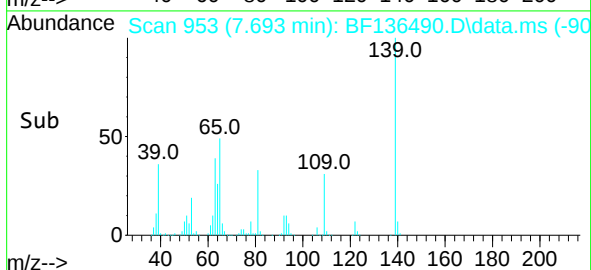
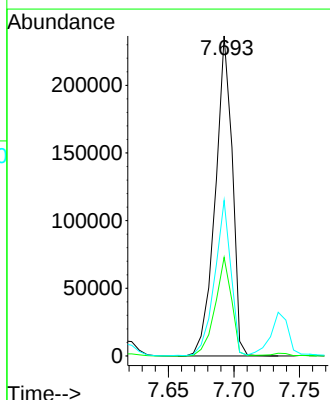
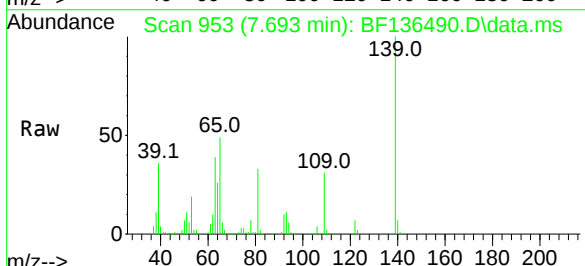
RT: 7.693 min Scan# 953

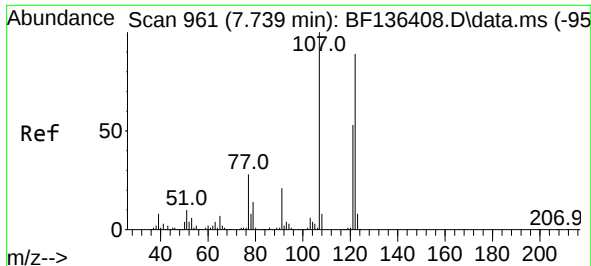
Delta R.T. -0.006 min

Lab File: BF136490.D

Acq: 11 Dec 2023 14:59

Tgt Ion:139 Resp: 212042
 Ion Ratio Lower Upper
 139 100
 109 30.8 23.6 35.4
 65 48.6 39.4 59.2





#27

2,4-Dimethylphenol

Concen: 51.581 ng

RT: 7.734 min Scan# 90

Delta R.T. -0.006 min

Lab File: BF136490.D

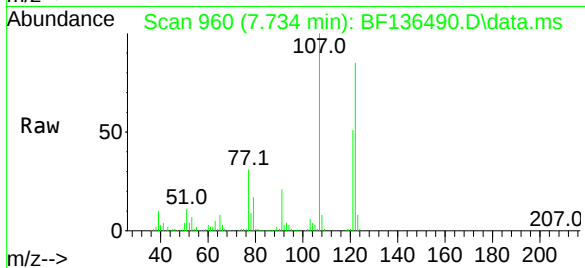
Acq: 11 Dec 2023 14:59

Instrument :

BNA_F

ClientSampleId :

PB157390BS



Tgt Ion:122 Resp: 324670

Ion Ratio Lower Upper

122 100

107 117.1 89.3 133.9

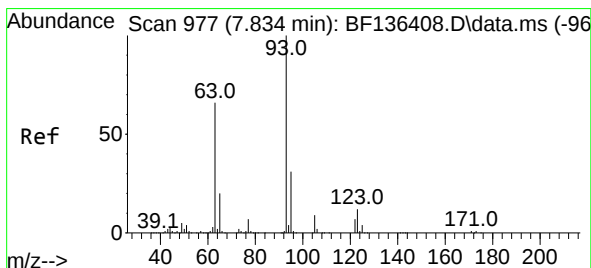
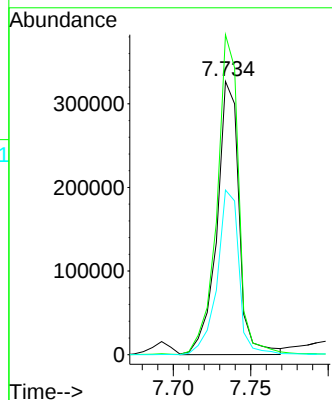
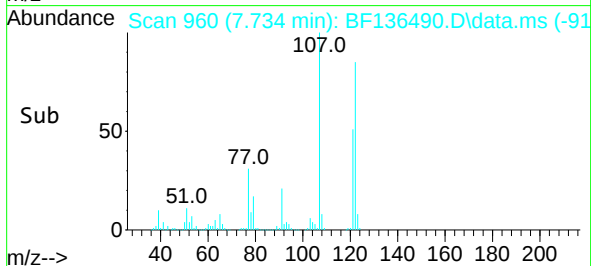
121 60.3 47.6 71.4

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 12/14/2023

Supervised By :mohammad ahmed 12/14/2023



#28

bis(2-Chloroethoxy)methane

Concen: 38.423 ng

RT: 7.828 min Scan# 976

Delta R.T. -0.006 min

Lab File: BF136490.D

Acq: 11 Dec 2023 14:59

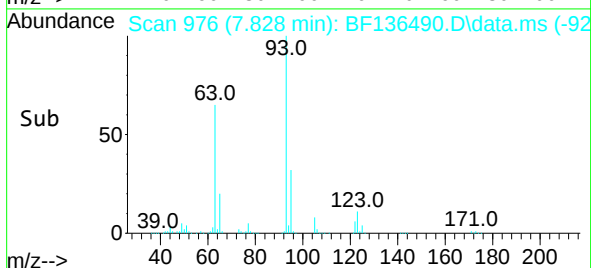
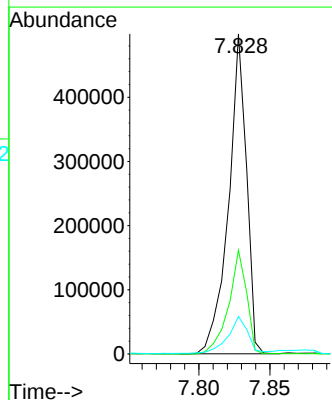
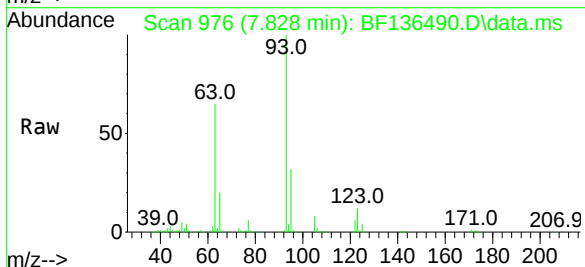
Tgt Ion: 93 Resp: 437837

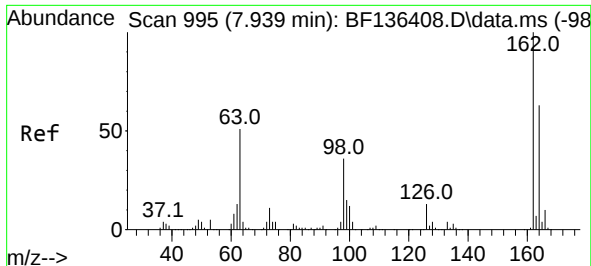
Ion Ratio Lower Upper

93 100

95 32.4 25.0 37.4

123 11.7 9.4 14.0





#29

2,4-Dichlorophenol

Concen: 40.345 ng

RT: 7.940 min Scan# 995

Delta R.T. 0.000 min

Lab File: BF136490.D

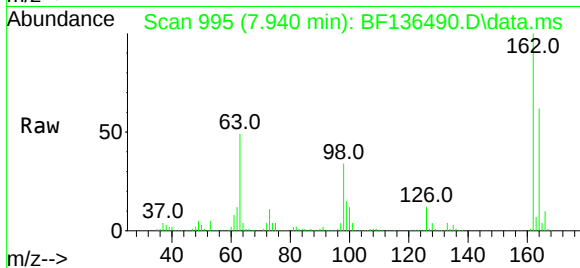
Acq: 11 Dec 2023 14:59

Instrument :

BNA_F

ClientSampleId :

PB157390BS



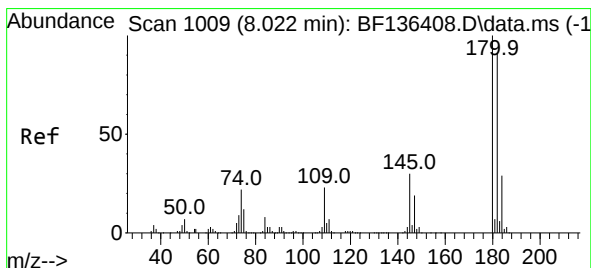
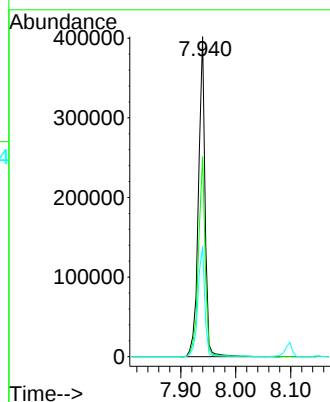
Tgt Ion:162	Resp:	33520
Ion Ratio	Lower	Upper
162	100	
164	62.5	43.0 83.0
98	34.4	16.2 56.2

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 12/14/2023

Supervised By :mohammad ahmed 12/14/2023



#30

1,2,4-Trichlorobenzene

Concen: 37.272 ng

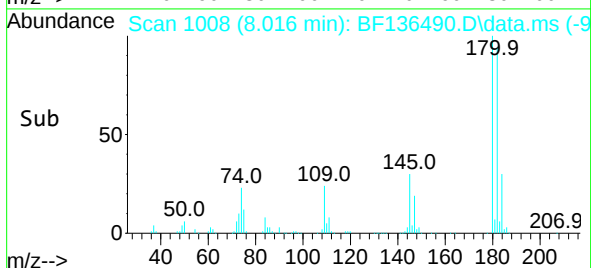
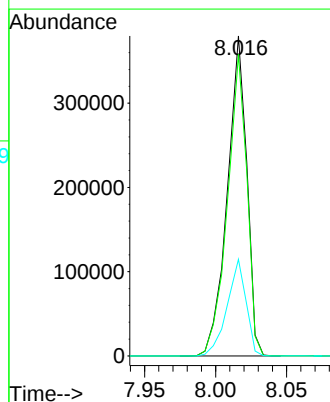
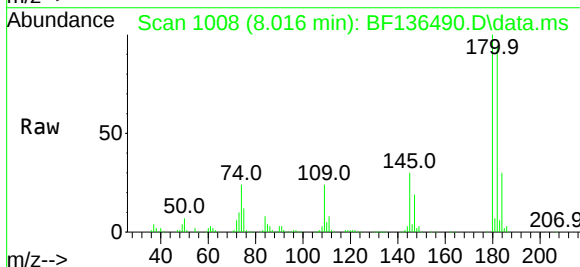
RT: 8.016 min Scan# 1008

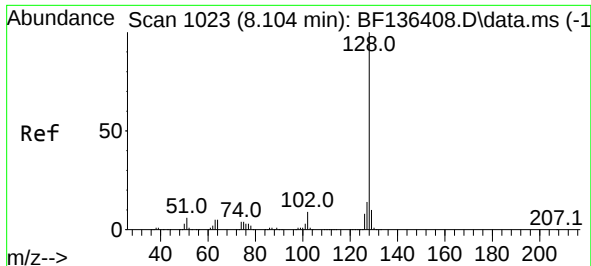
Delta R.T. -0.006 min

Lab File: BF136490.D

Acq: 11 Dec 2023 14:59

Tgt Ion:180	Resp:	361094
Ion Ratio	Lower	Upper
180	100	
182	94.2	73.1 109.7
145	30.2	23.8 35.8





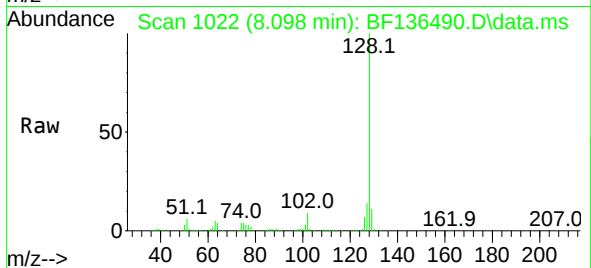
#31
Naphthalene
Concen: 37.357 ng
RT: 8.098 min Scan# 1023
Delta R.T. -0.006 min
Lab File: BF136490.D
Acq: 11 Dec 2023 14:59

Instrument :

BNA_F

ClientSampleId :

PB157390BS



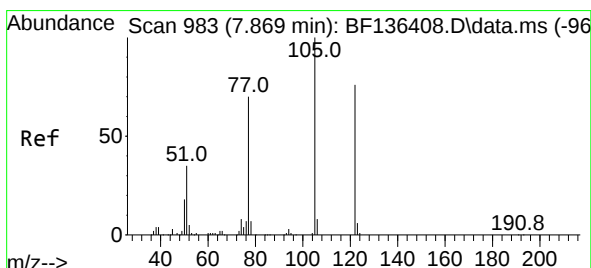
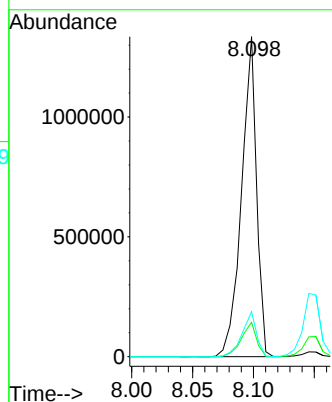
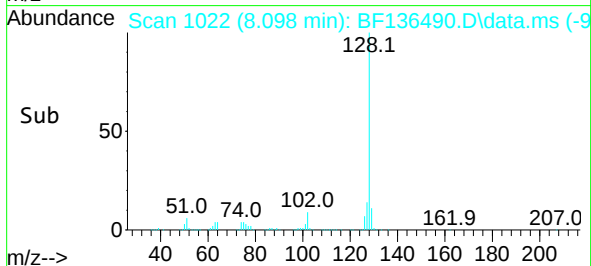
Tgt Ion:128 Resp: 114954
Ion Ratio Lower Upper
128 100
129 10.7 8.3 12.5
127 14.1 11.1 16.7

Manual Integrations

APPROVED

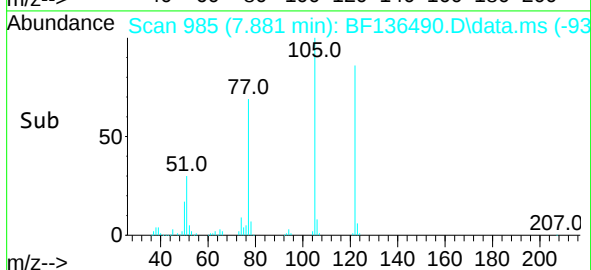
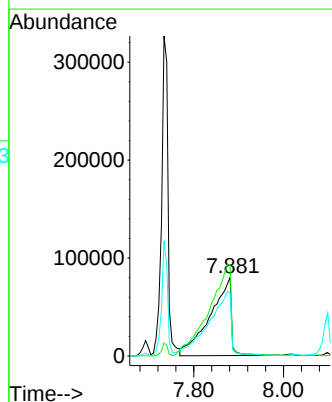
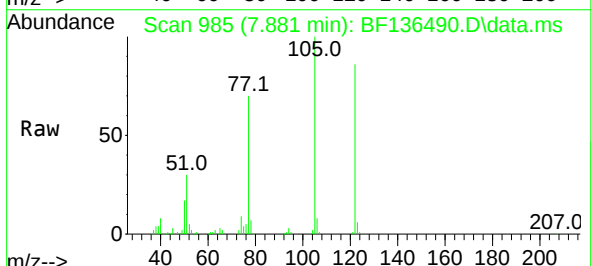
Reviewed By :Yogesh Patel 12/14/2023

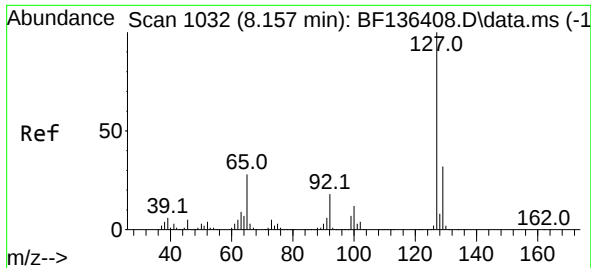
Supervised By :mohammad ahmed 12/14/2023



#32
Benzoic acid
Concen: 41.828 ng
RT: 7.881 min Scan# 985
Delta R.T. 0.012 min
Lab File: BF136490.D
Acq: 11 Dec 2023 14:59

Tgt Ion:122 Resp: 261185
Ion Ratio Lower Upper
122 100
105 116.1 104.7 144.7
77 80.7 68.5 108.5





#33
4-Chloroaniline
Concen: 24.838 ng
RT: 8.145 min Scan# 1032
Delta R.T. -0.012 min
Lab File: BF136490.D
Acq: 11 Dec 2023 14:59

Instrument :

BNA_F

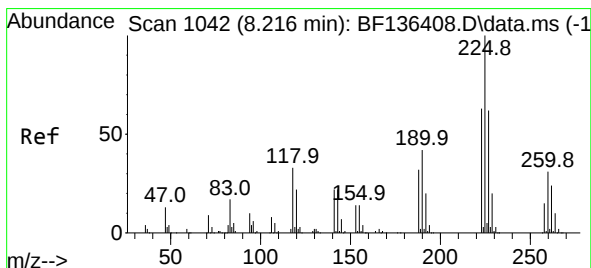
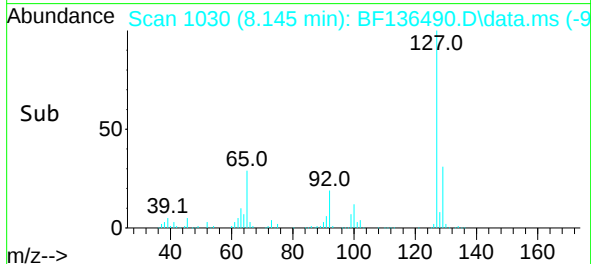
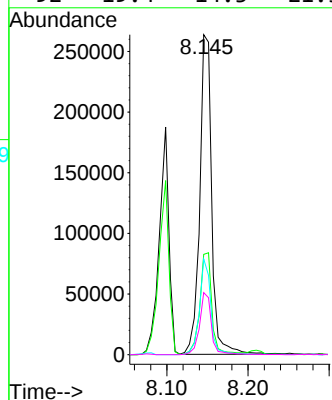
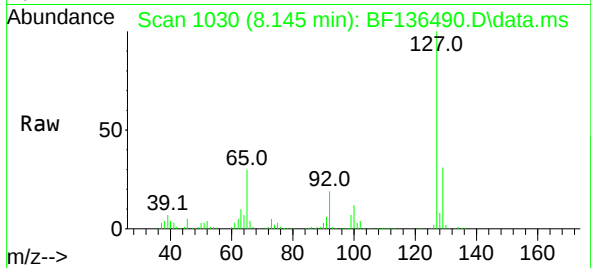
ClientSampleId :

PB157390BS

Tgt Ion:127 Resp: 272488
Ion Ratio Lower Upper
127 100
129 31.4 25.4 38.2
65 29.9 22.5 33.7
92 19.4 14.3 21.5

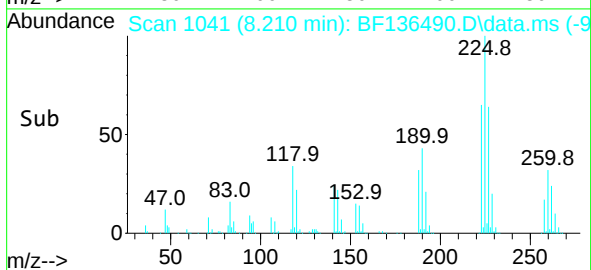
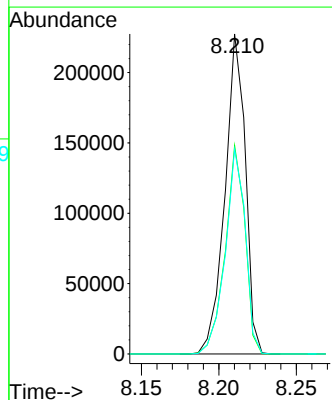
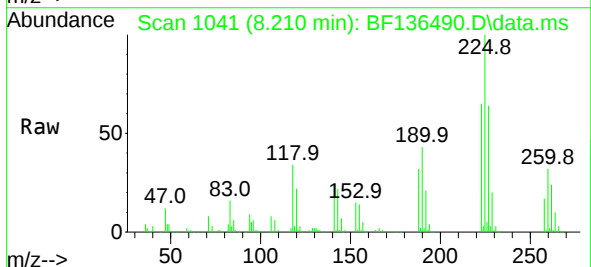
Manual Integrations
APPROVED

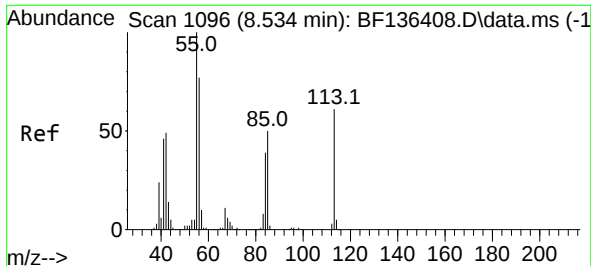
Reviewed By :Yogesh Patel 12/14/2023
Supervised By :mohammad ahmed 12/14/2023



#34
Hexachlorobutadiene
Concen: 36.206 ng
RT: 8.210 min Scan# 1041
Delta R.T. -0.006 min
Lab File: BF136490.D
Acq: 11 Dec 2023 14:59

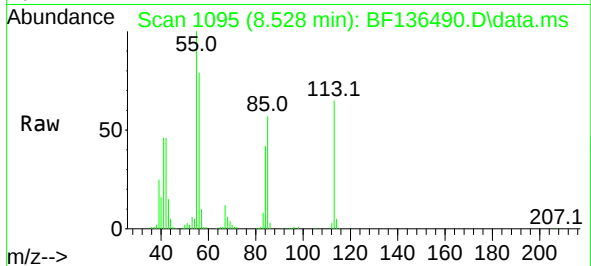
Tgt Ion:225 Resp: 207879
Ion Ratio Lower Upper
225 100
223 65.1 50.8 76.2
227 64.0 49.8 74.8





#35
Caprolactam
Concen: 42.392 ng m
RT: 8.528 min Scan# 1095
Delta R.T. -0.006 min
Lab File: BF136490.D
Acq: 11 Dec 2023 14:59

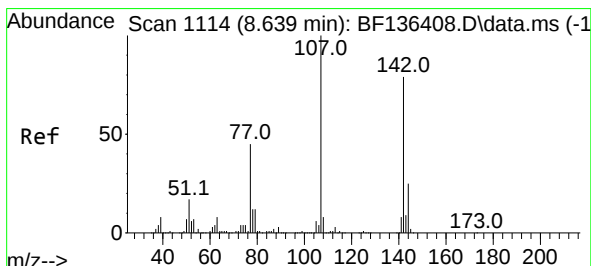
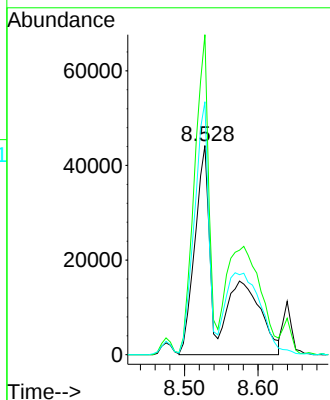
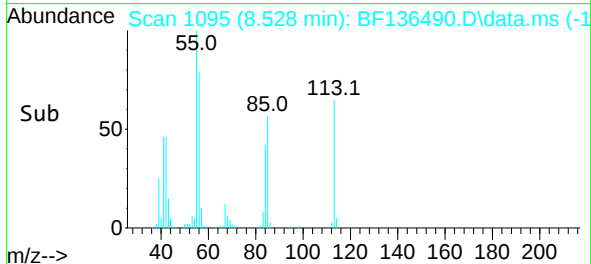
Instrument :
BNA_F
ClientSampleId :
PB157390BS



Tgt Ion:113 Resp: 108464
Ion Ratio Lower Upper
113 100
55 153.0 143.7 183.7
56 120.9 105.2 145.2

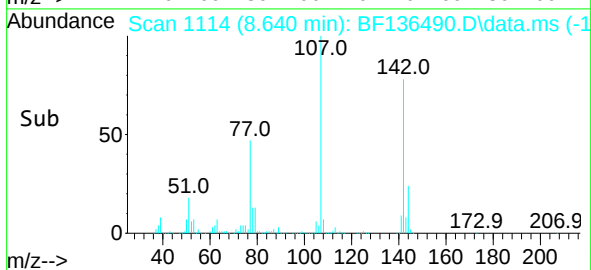
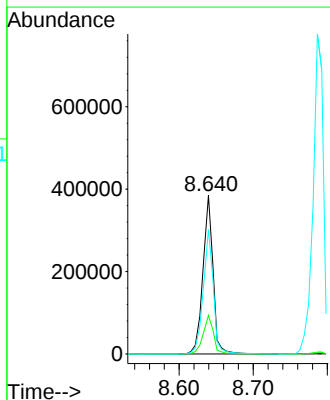
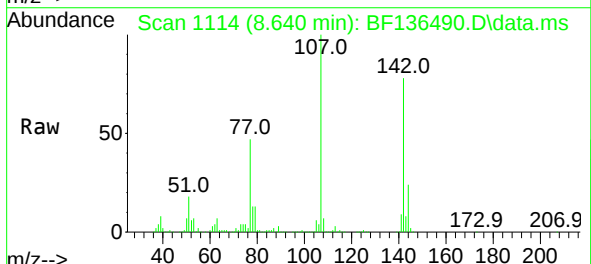
Manual Integrations
APPROVED

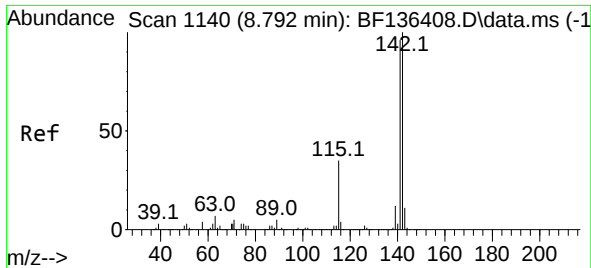
Reviewed By :Yogesh Patel 12/14/2023
Supervised By :mohammad ahmed 12/14/2023



#36
4-Chloro-3-methylphenol
Concen: 41.704 ng
RT: 8.640 min Scan# 1114
Delta R.T. 0.000 min
Lab File: BF136490.D
Acq: 11 Dec 2023 14:59

Tgt Ion:107 Resp: 367903
Ion Ratio Lower Upper
107 100
144 24.3 20.1 30.1
142 78.5 63.1 94.7





#37
2-Methylnaphthalene
Concen: 37.987 ng
RT: 8.787 min Scan# 1139
Delta R.T. -0.006 min
Lab File: BF136490.D
Acq: 11 Dec 2023 14:59

Instrument :

BNA_F

ClientSampleId :

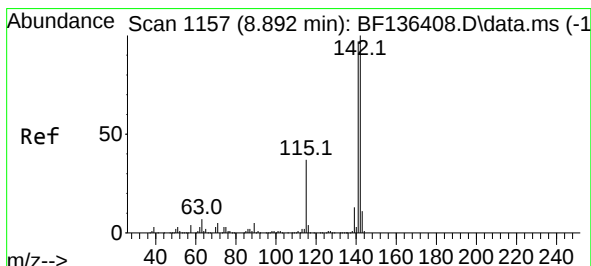
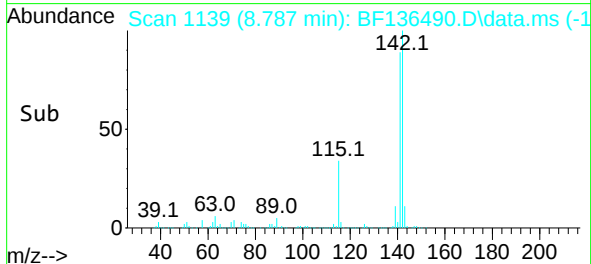
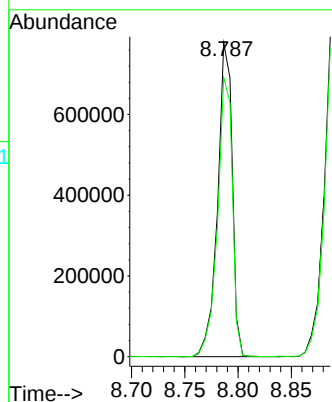
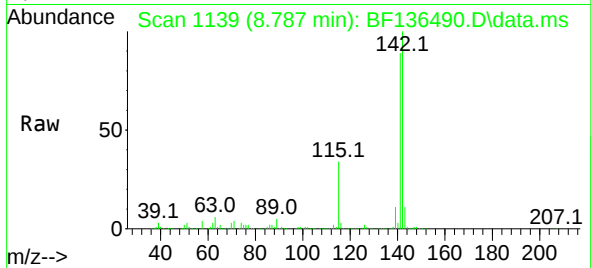
PB157390BS

Tgt Ion:142 Resp: 743670
Ion Ratio Lower Upper
142 100
141 89.0 76.4 114.6

Manual Integrations

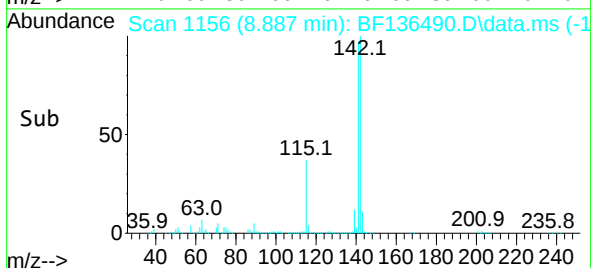
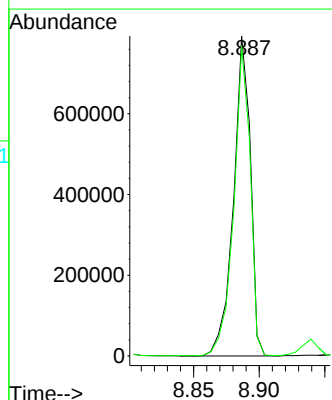
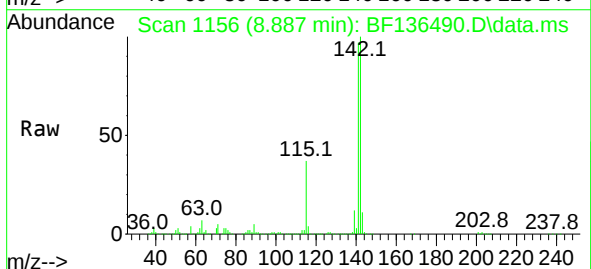
APPROVED

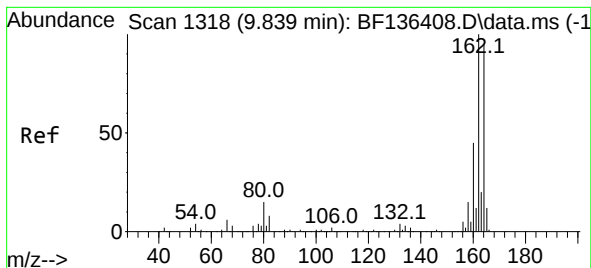
Reviewed By :Yogesh Patel 12/14/2023
Supervised By :mohammad ahmed 12/14/2023



#38
1-Methylnaphthalene
Concen: 37.044 ng
RT: 8.887 min Scan# 1156
Delta R.T. -0.006 min
Lab File: BF136490.D
Acq: 11 Dec 2023 14:59

Tgt Ion:142 Resp: 711631
Ion Ratio Lower Upper
142 100
141 96.7 77.7 116.5





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.834 min Scan# 1167

Delta R.T. -0.006 min

Lab File: BF136490.D

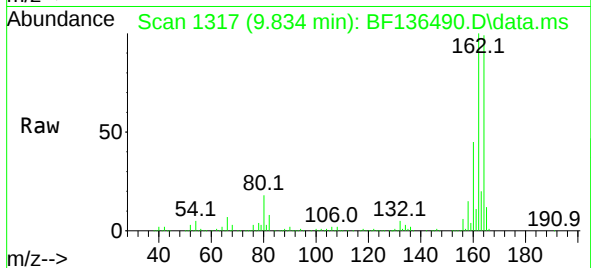
Acq: 11 Dec 2023 14:59

Instrument :

BNA_F

ClientSampleId :

PB157390BS



Tgt Ion:164 Resp: 295608

Ion Ratio Lower Upper

164 100

162 101.2 84.4 126.6

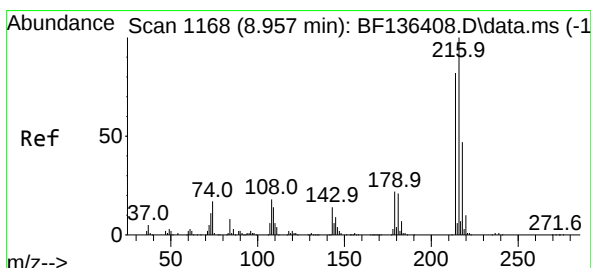
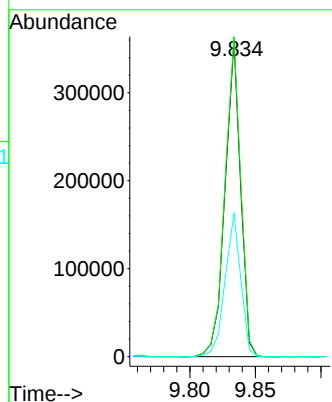
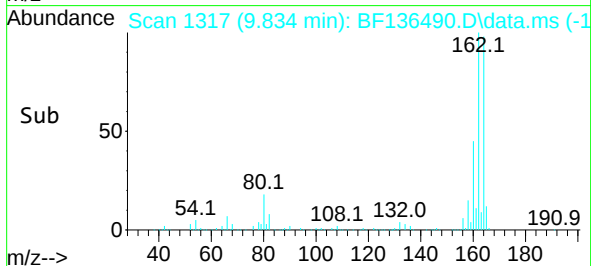
160 45.3 37.6 56.4

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 12/14/2023

Supervised By :mohammad ahmed 12/14/2023



#40

1,2,4,5-Tetrachlorobenzene

Concen: 38.977 ng

RT: 8.957 min Scan# 1168

Delta R.T. 0.000 min

Lab File: BF136490.D

Acq: 11 Dec 2023 14:59

Tgt Ion:216 Resp: 358459

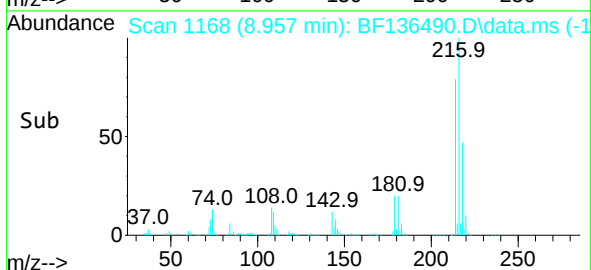
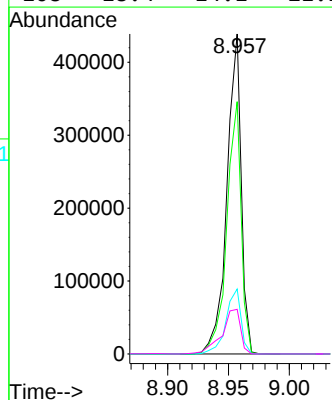
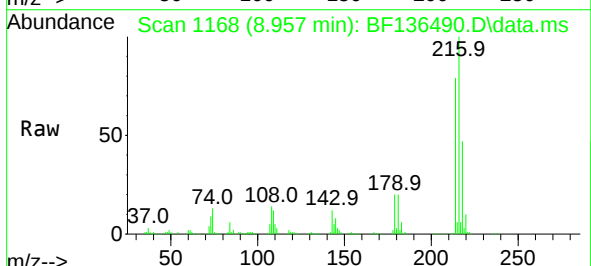
Ion Ratio Lower Upper

216 100

214 79.5 64.1 96.1

179 21.4 17.0 25.6

108 18.4 14.1 21.1





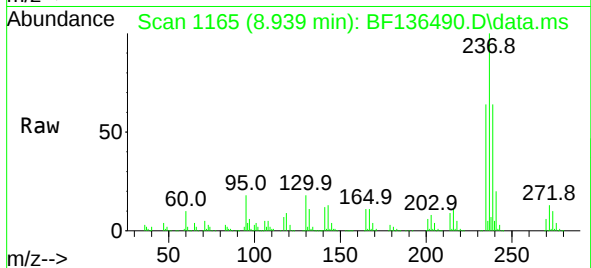
#41
Hexachlorocyclopentadiene
Concen: 91.926 ng
RT: 8.939 min Scan# 1165
Delta R.T. -0.006 min
Lab File: BF136490.D
Acq: 11 Dec 2023 14:59

Instrument :

BNA_F

ClientSampleId :

PB157390BS

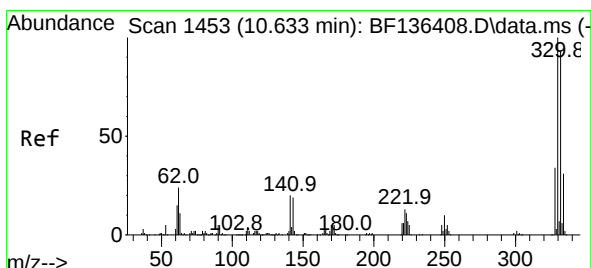
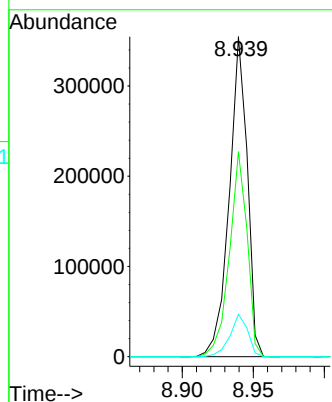
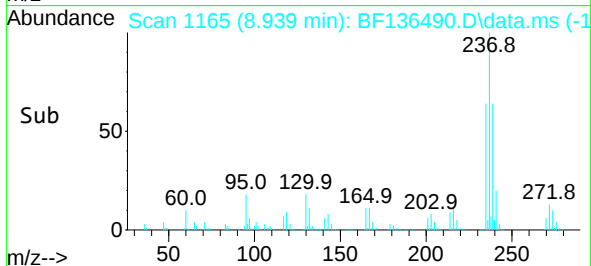


Tgt Ion:237 Resp: 313209
Ion Ratio Lower Upper
237 100
235 64.0 44.1 84.1
272 13.2 0.0 33.3

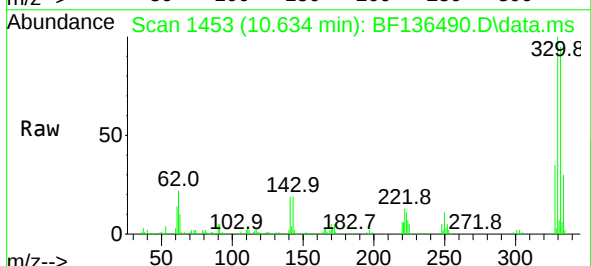
Manual Integrations

APPROVED

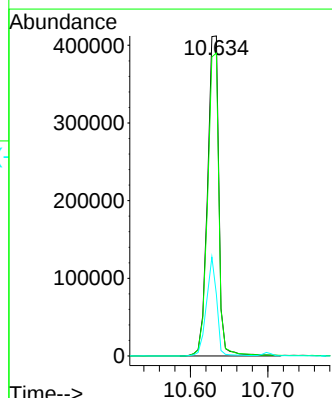
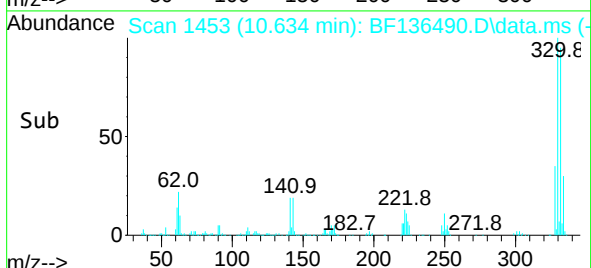
Reviewed By :Yogesh Patel 12/14/2023
Supervised By :mohammad ahmed 12/14/2023

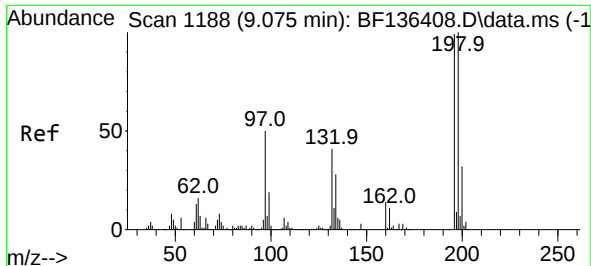


#42
2,4,6-Tribromophenol
Concen: 114.640 ng
RT: 10.634 min Scan# 1453
Delta R.T. 0.000 min
Lab File: BF136490.D
Acq: 11 Dec 2023 14:59



Tgt Ion:330 Resp: 417849
Ion Ratio Lower Upper
330 100
332 94.8 76.4 114.6
141 28.0 23.4 35.2





#43

2,4,6-Trichlorophenol

Concen: 40.761 ng

RT: 9.069 min Scan# 1187

Delta R.T. -0.006 min

Lab File: BF136490.D

Acq: 11 Dec 2023 14:59

Instrument :

BNA_F

ClientSampleId :

PB157390BS

Tgt Ion:196 Resp: 24408

Ion Ratio Lower Upper

196 100

198 98.6 80.4 120.6

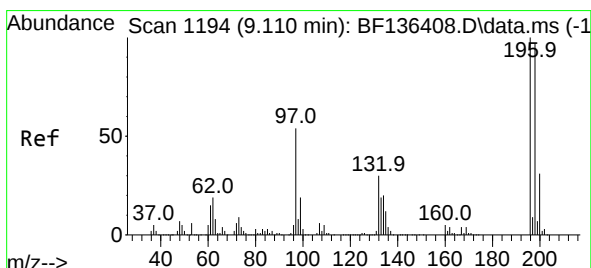
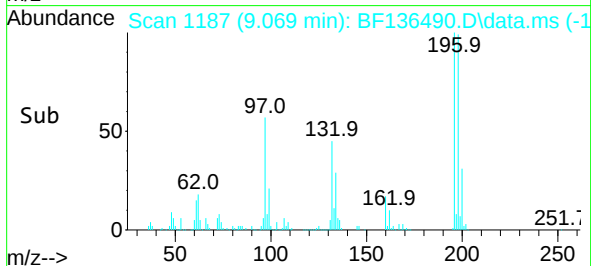
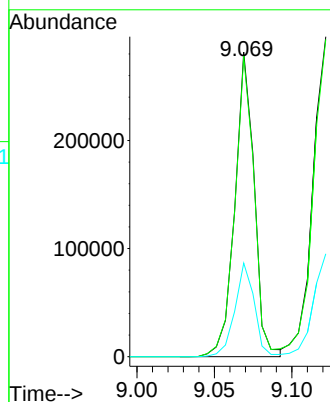
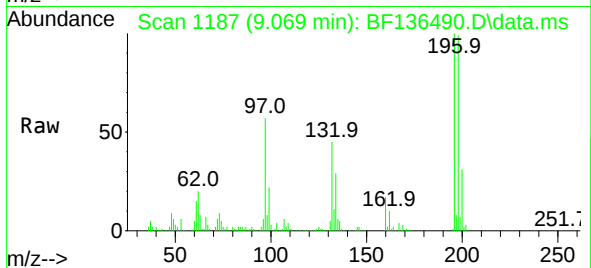
200 30.7 25.9 38.9

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 12/14/2023

Supervised By :mohammad ahmed 12/14/2023



#44

2,4,5-Trichlorophenol

Concen: 39.475 ng

RT: 9.122 min Scan# 1196

Delta R.T. 0.012 min

Lab File: BF136490.D

Acq: 11 Dec 2023 14:59

Tgt Ion:196 Resp: 263830

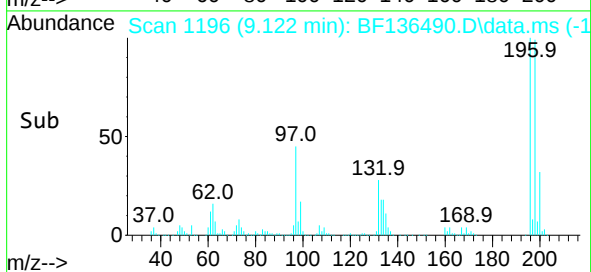
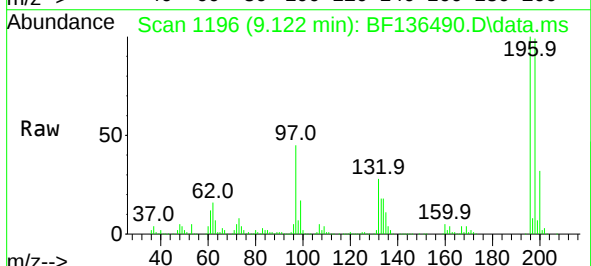
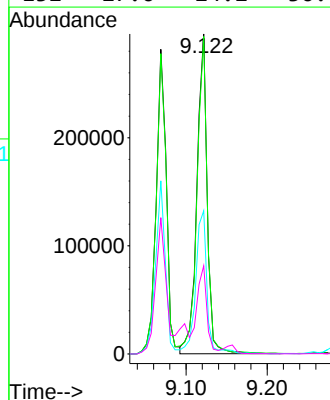
Ion Ratio Lower Upper

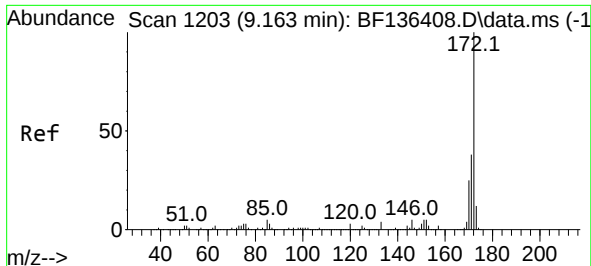
196 100

198 99.2 78.1 117.1

97 44.7 43.4 65.2

132 27.6 24.2 36.4





#45
2-Fluorobiphenyl
Concen: 70.272 ng
RT: 9.157 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF136490.D
Acq: 11 Dec 2023 14:59

Instrument :

BNA_F

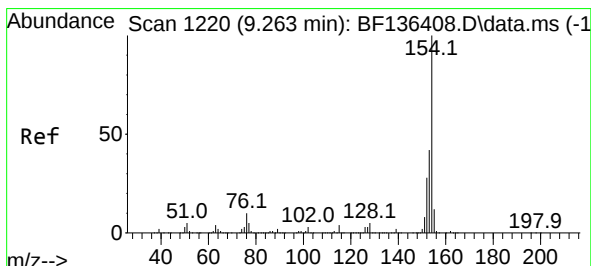
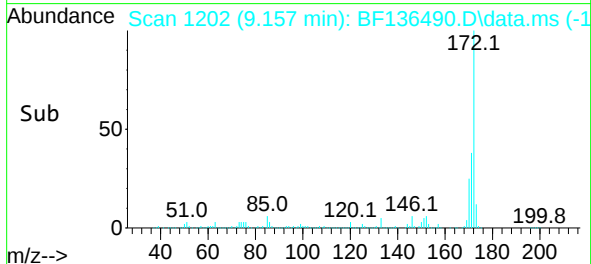
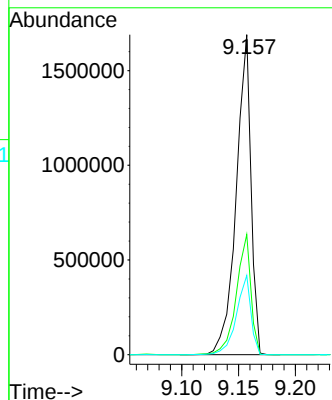
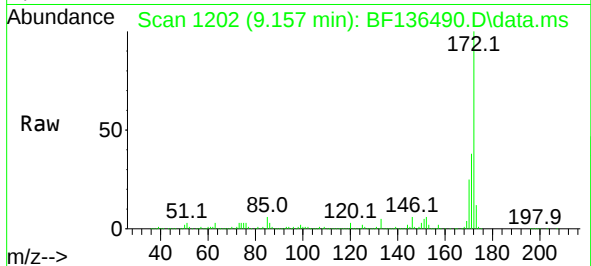
ClientSampleId :

PB157390BS

Tgt Ion:172 Resp: 152239
Ion Ratio Lower Upper
172 100
171 37.6 30.5 45.7
170 24.8 19.9 29.9

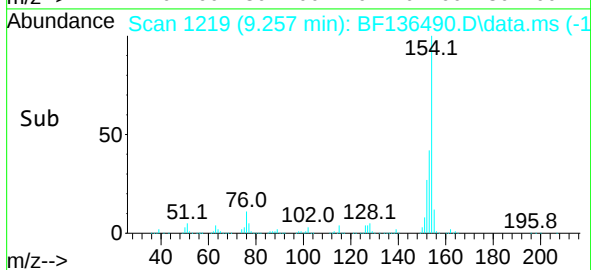
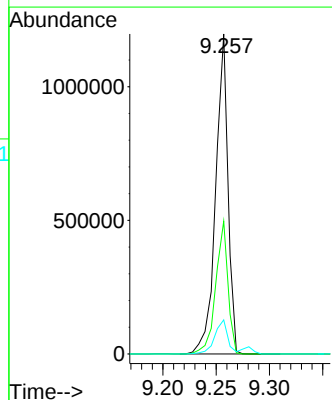
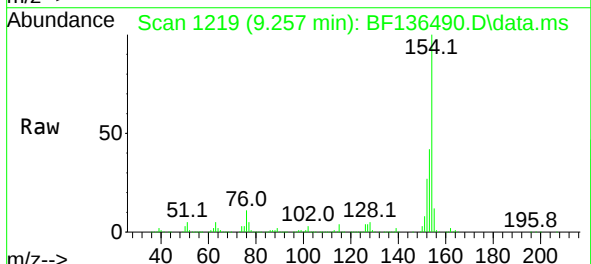
Manual Integrations
APPROVED

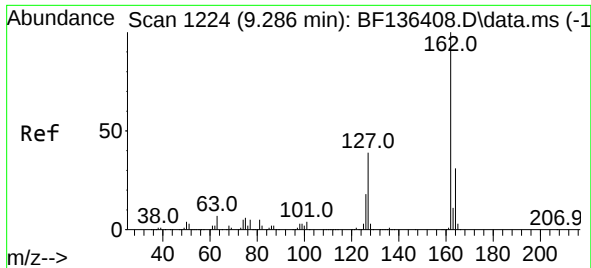
Reviewed By :Yogesh Patel 12/14/2023
Supervised By :mohammad ahmed 12/14/2023



#46
1,1'-Biphenyl
Concen: 38.210 ng
RT: 9.257 min Scan# 1219
Delta R.T. -0.006 min
Lab File: BF136490.D
Acq: 11 Dec 2023 14:59

Tgt Ion:154 Resp: 961103
Ion Ratio Lower Upper
154 100
153 41.5 22.5 62.5
76 10.7 0.0 29.9





#47
2-Chloronaphthalene
Concen: 37.902 ng
RT: 9.281 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF136490.D
Acq: 11 Dec 2023 14:59

Instrument :

BNA_F

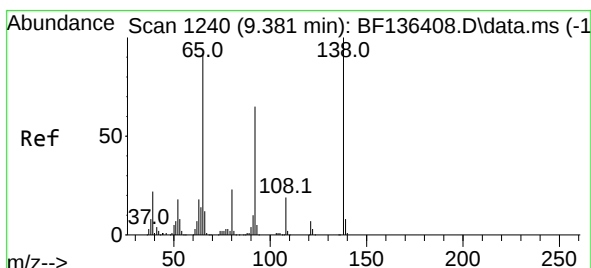
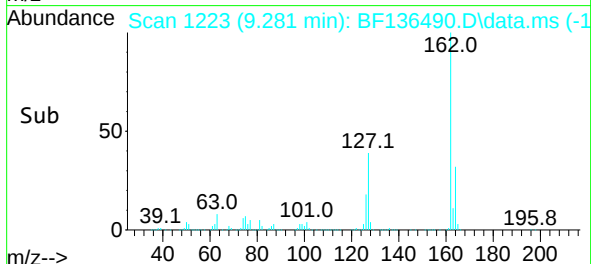
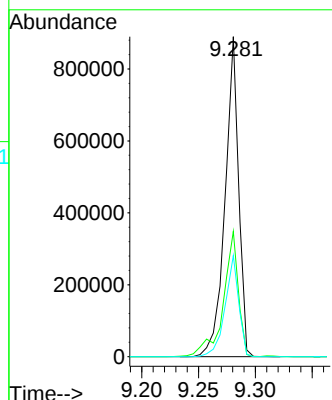
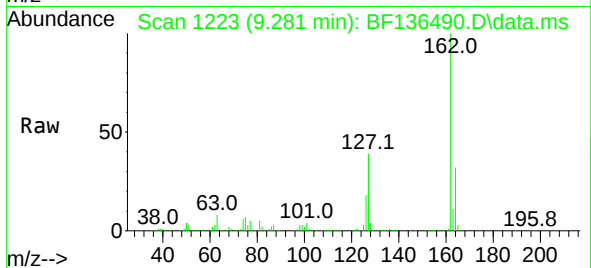
ClientSampleId :

PB157390BS

Tgt Ion:162 Resp: 742020
Ion Ratio Lower Upper
162 100
127 39.2 31.1 46.7
164 31.6 24.6 37.0

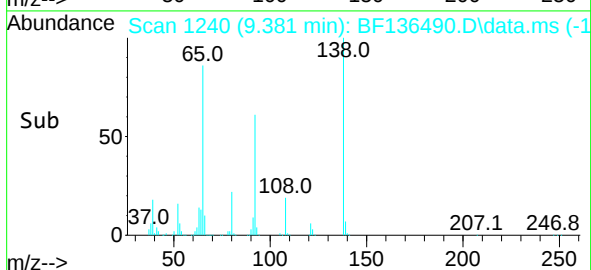
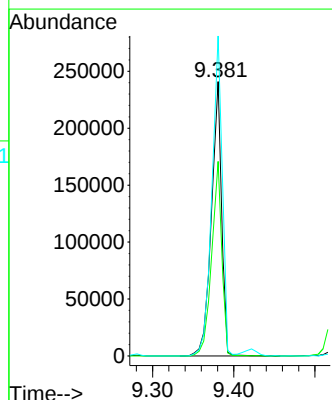
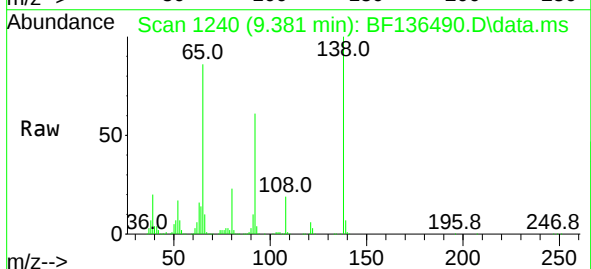
Manual Integrations
APPROVED

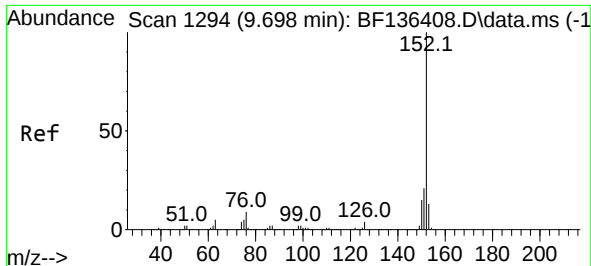
Reviewed By :Yogesh Patel 12/14/2023
Supervised By :mohammad ahmed 12/14/2023



#48
2-Nitroaniline
Concen: 40.107 ng
RT: 9.381 min Scan# 1240
Delta R.T. 0.000 min
Lab File: BF136490.D
Acq: 11 Dec 2023 14:59

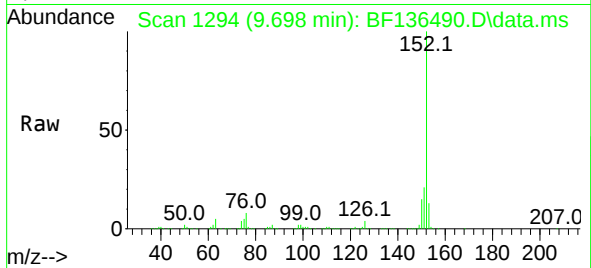
Tgt Ion: 65 Resp: 210592
Ion Ratio Lower Upper
65 100
92 70.9 56.1 84.1
138 116.6 86.7 130.1





#49
Acenaphthylene
Concen: 40.504 ng
RT: 9.698 min Scan# 1294
Delta R.T. 0.000 min
Lab File: BF136490.D
Acq: 11 Dec 2023 14:59

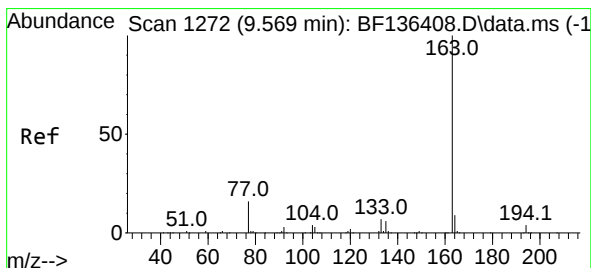
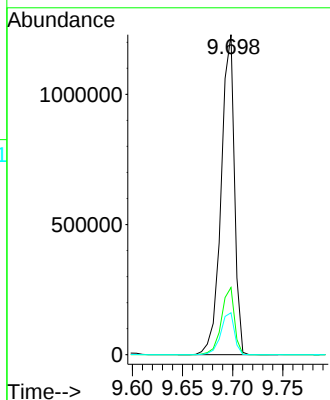
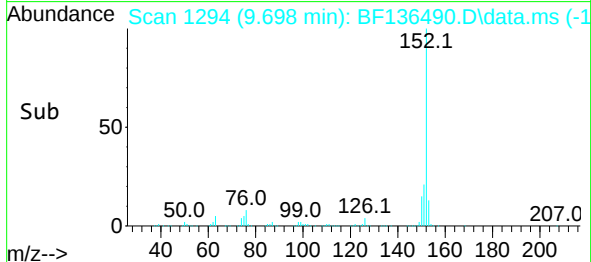
Instrument :
BNA_F
ClientSampleId :
PB157390BS



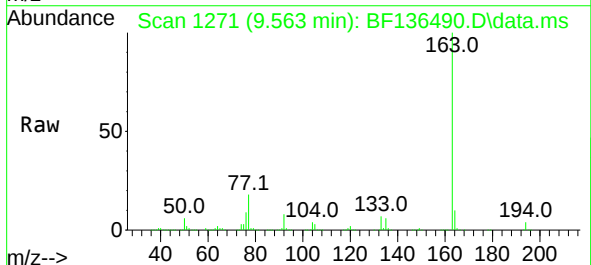
Tgt Ion:152 Resp: 112959
Ion Ratio Lower Upper
152 100
151 21.0 17.2 25.8
153 13.1 10.6 15.8

Manual Integrations
APPROVED

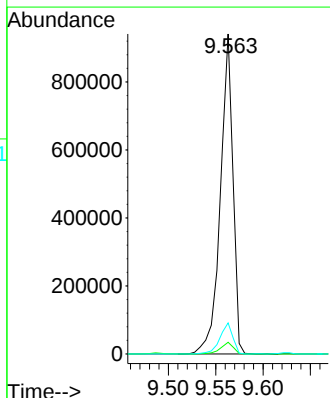
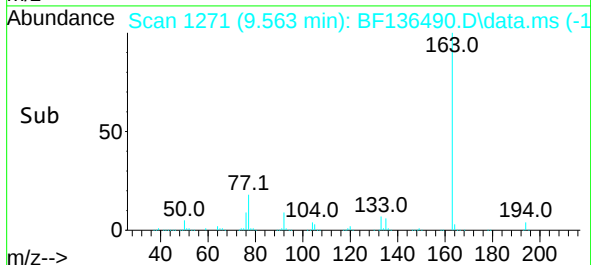
Reviewed By :Yogesh Patel 12/14/2023
Supervised By :mohammad ahmed 12/14/2023

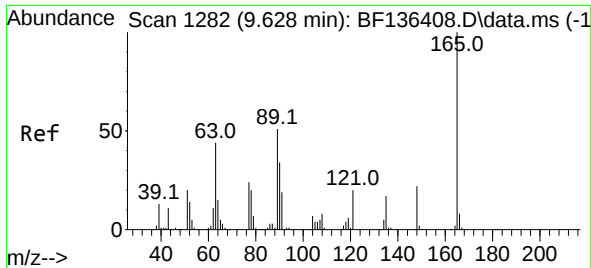


#50
Dimethylphthalate
Concen: 40.033 ng
RT: 9.563 min Scan# 1271
Delta R.T. -0.006 min
Lab File: BF136490.D
Acq: 11 Dec 2023 14:59



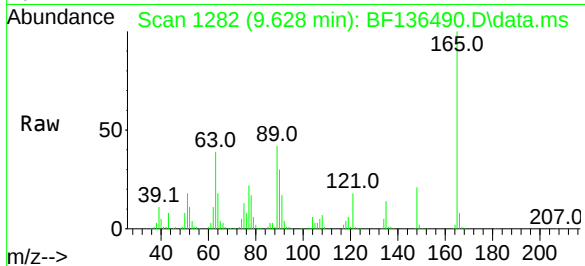
Tgt Ion:163 Resp: 871271
Ion Ratio Lower Upper
163 100
194 3.7 3.0 4.6
164 9.7 7.4 11.2





#51
2,6-Dinitrotoluene
Concen: 39.844 ng
RT: 9.628 min Scan# 11
Delta R.T. 0.000 min
Lab File: BF136490.D
Acq: 11 Dec 2023 14:59

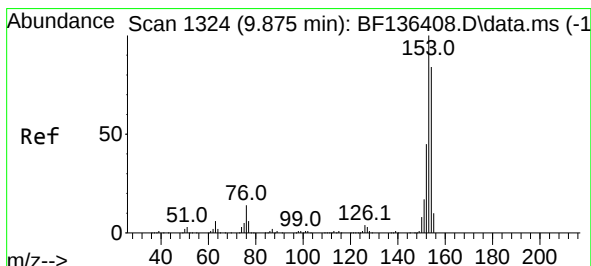
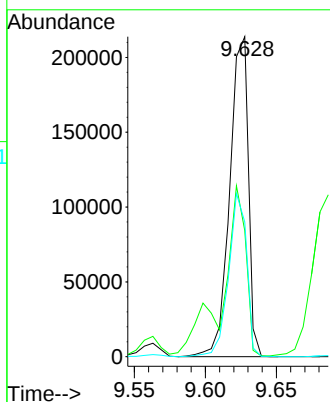
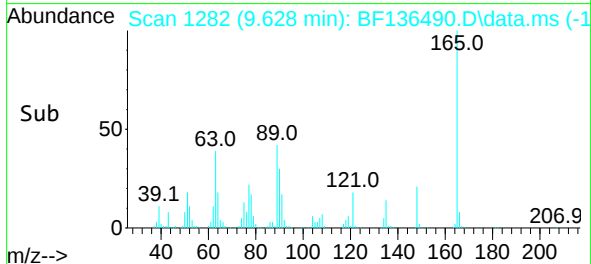
Instrument :
BNA_F
ClientSampleId :
PB157390BS



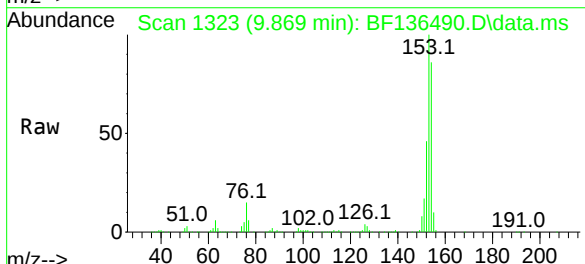
Tgt Ion:165 Resp: 195084
Ion Ratio Lower Upper
165 100
63 39.4 40.4 60.6
89 42.1 40.6 60.8

Manual Integrations
APPROVED

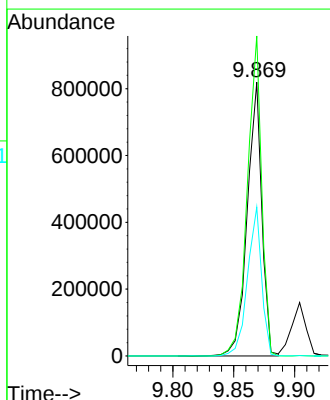
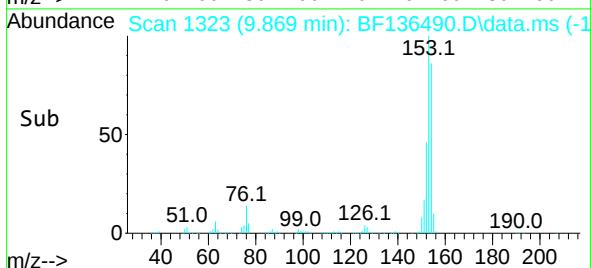
Reviewed By :Yogesh Patel 12/14/2023
Supervised By :mohammad ahmed 12/14/2023

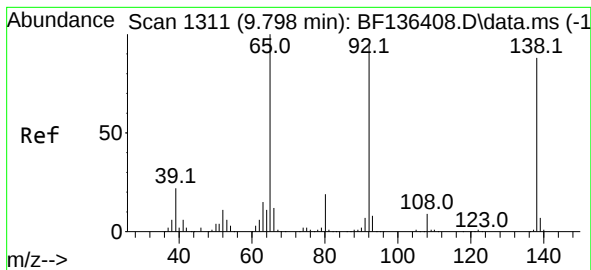


#52
Acenaphthene
Concen: 38.188 ng
RT: 9.869 min Scan# 1323
Delta R.T. -0.006 min
Lab File: BF136490.D
Acq: 11 Dec 2023 14:59



Tgt Ion:154 Resp: 682467
Ion Ratio Lower Upper
154 100
153 116.9 95.3 142.9
152 54.3 43.2 64.8





#53
3-Nitroaniline
Concen: 31.444 ng
RT: 9.792 min Scan# 1310
Delta R.T. -0.006 min
Lab File: BF136490.D
Acq: 11 Dec 2023 14:59

Instrument :

BNA_F

ClientSampleId :

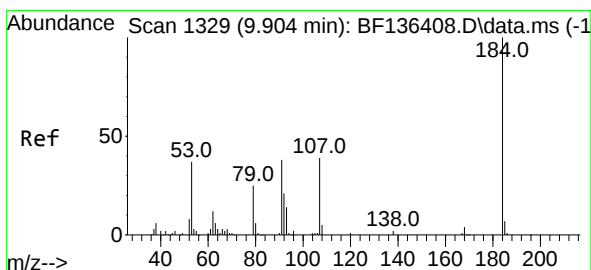
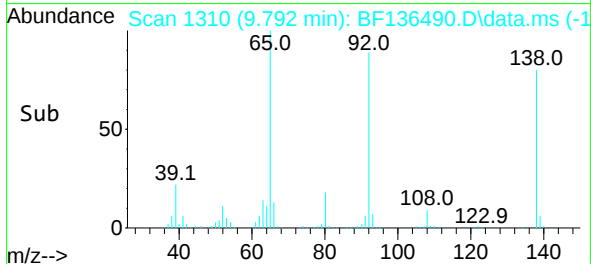
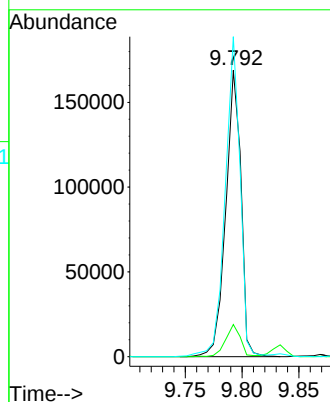
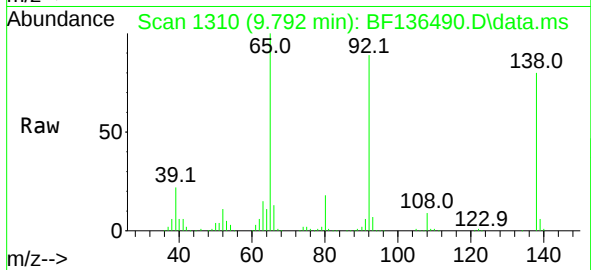
PB157390BS

Tgt Ion:138 Resp: 157214
Ion Ratio Lower Upper
138 100
108 11.2 8.5 12.7
92 111.7 86.1 129.1

Manual Integrations

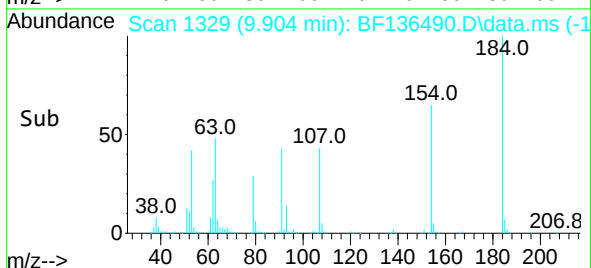
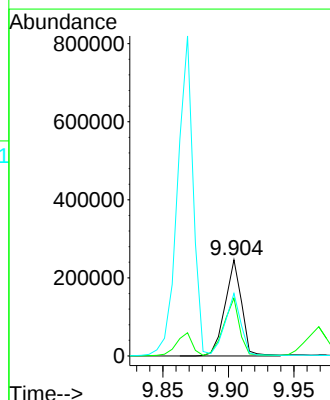
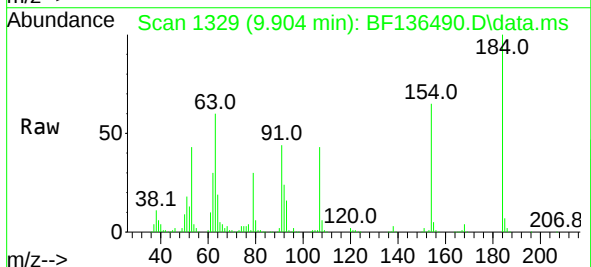
APPROVED

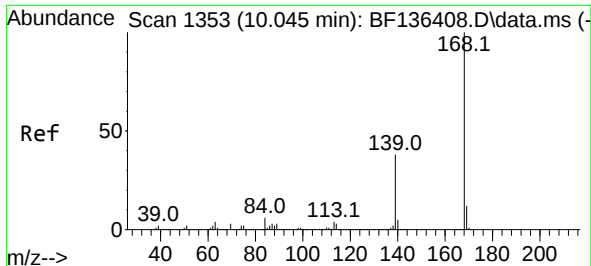
Reviewed By :Yogesh Patel 12/14/2023
Supervised By :mohammad ahmed 12/14/2023



#54
2,4-Dinitrophenol
Concen: 87.432 ng
RT: 9.904 min Scan# 1329
Delta R.T. 0.000 min
Lab File: BF136490.D
Acq: 11 Dec 2023 14:59

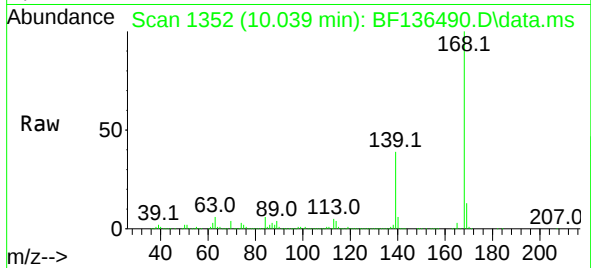
Tgt Ion:184 Resp: 216439
Ion Ratio Lower Upper
184 100
63 60.0 39.1 58.7#
154 65.0 49.9 74.9





#55
Dibenzenofuran
Concen: 38.624 ng
RT: 10.039 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF136490.D
Acq: 11 Dec 2023 14:59

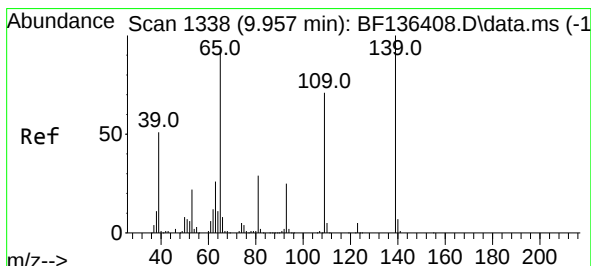
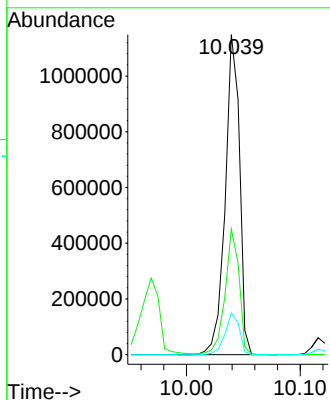
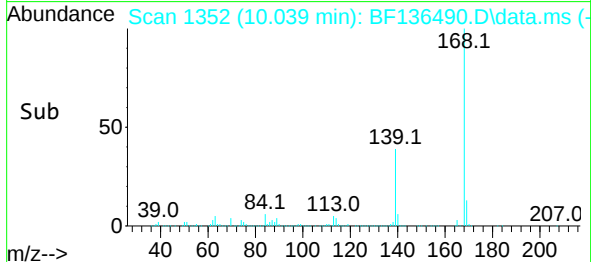
Instrument :
BNA_F
ClientSampleId :
PB157390BS



Tgt Ion:168 Resp: 100836
Ion Ratio Lower Upper
168 100
139 39.3 30.4 45.6
169 13.1 9.9 14.9

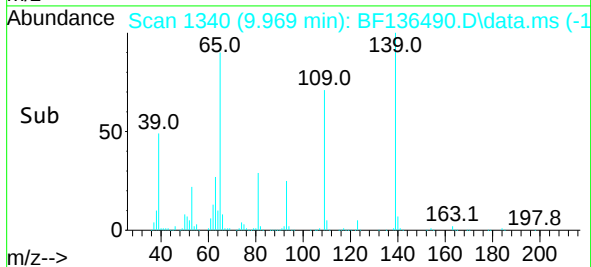
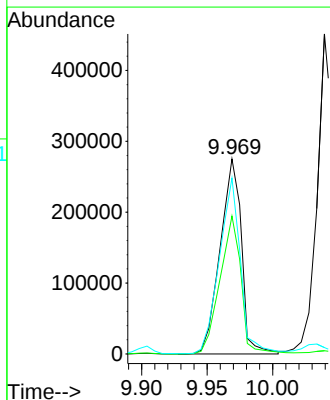
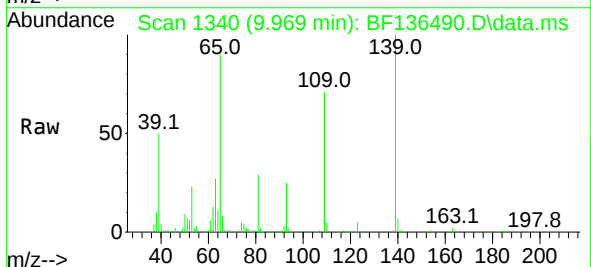
Manual Integrations
APPROVED

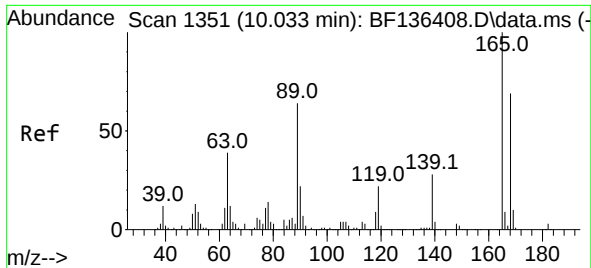
Reviewed By :Yogesh Patel 12/14/2023
Supervised By :mohammad ahmed 12/14/2023



#56
4-Nitrophenol
Concen: 82.881 ng
RT: 9.969 min Scan# 1340
Delta R.T. 0.012 min
Lab File: BF136490.D
Acq: 11 Dec 2023 14:59

Tgt Ion:139 Resp: 310649
Ion Ratio Lower Upper
139 100
109 70.7 50.6 90.6
65 90.2 73.1 113.1





#57
2,4-Dinitrotoluene
Concen: 39.431 ng
RT: 10.034 min Scan# 1351
Delta R.T. 0.000 min
Lab File: BF136490.D
Acq: 11 Dec 2023 14:59

Instrument :

BNA_F

ClientSampleId :

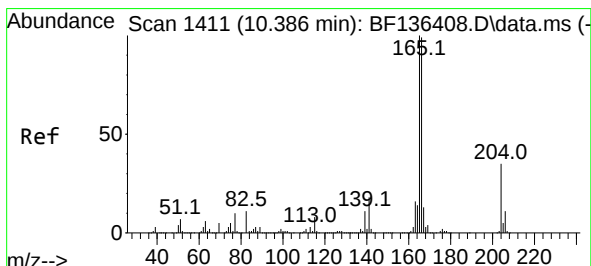
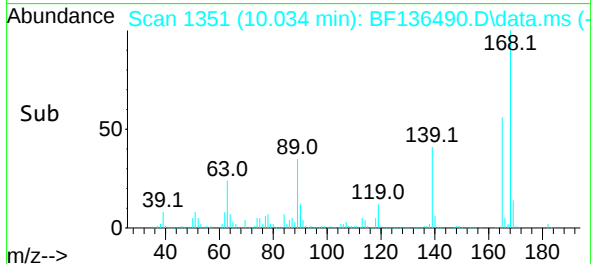
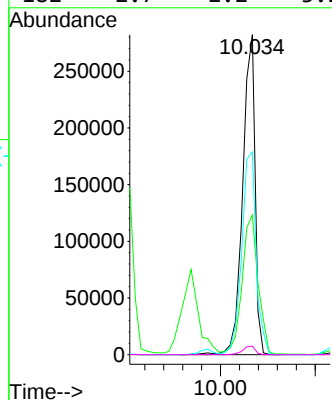
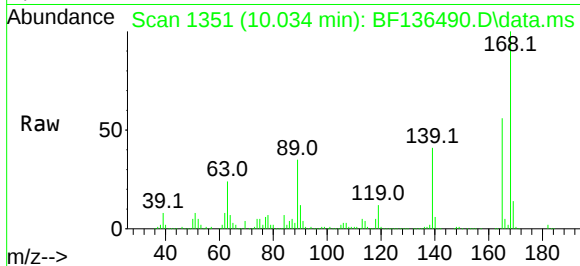
PB157390BS

Tgt Ion:165 Resp: 255399
Ion Ratio Lower Upper
165 100
63 43.7 31.4 47.2
89 63.3 51.7 77.5
182 2.7 2.2 3.2

Manual Integrations

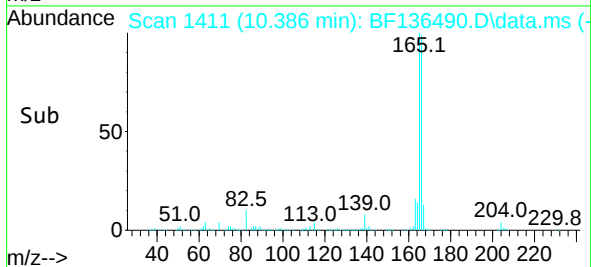
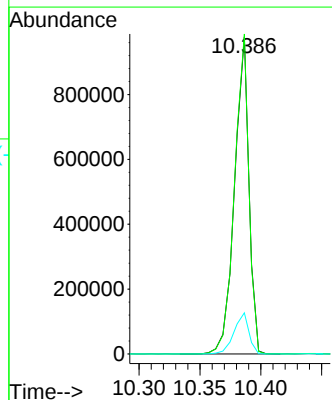
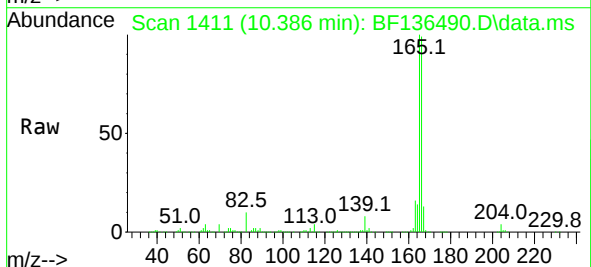
APPROVED

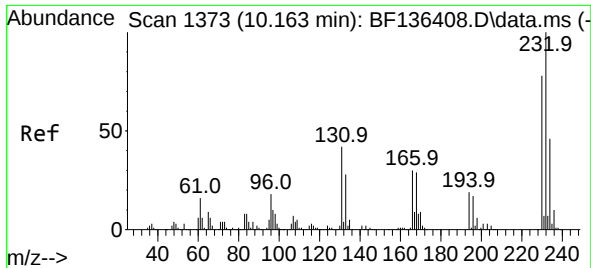
Reviewed By :Yogesh Patel 12/14/2023
Supervised By :mohammad ahmed 12/14/2023



#58
Fluorene
Concen: 38.207 ng
RT: 10.386 min Scan# 1411
Delta R.T. 0.000 min
Lab File: BF136490.D
Acq: 11 Dec 2023 14:59

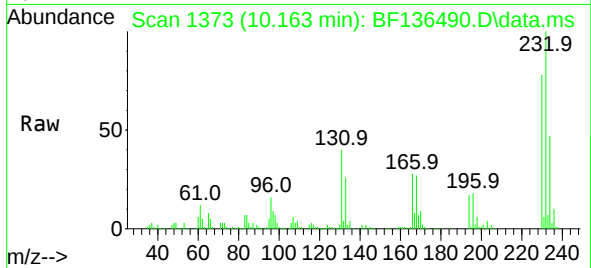
Tgt Ion:166 Resp: 800723
Ion Ratio Lower Upper
166 100
165 100.9 80.5 120.7
167 13.0 10.5 15.7





#59
2,3,4,6-Tetrachlorophenol
Concen: 42.807 ng
RT: 10.163 min Scan# 1373
Delta R.T. 0.000 min
Lab File: BF136490.D
Acq: 11 Dec 2023 14:59

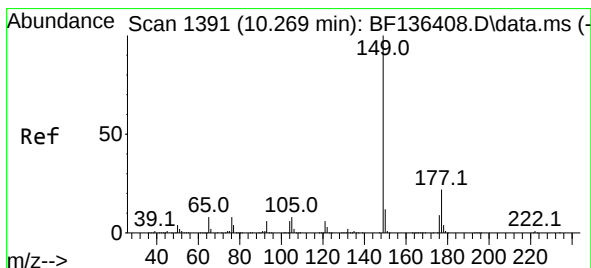
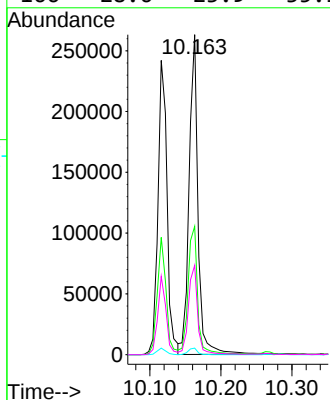
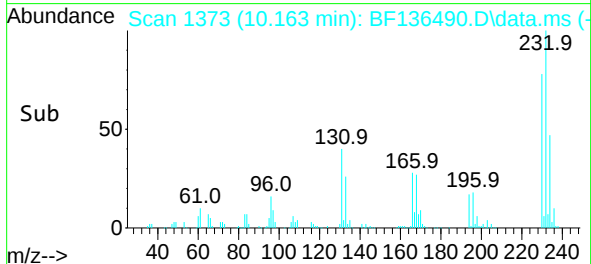
Instrument :
BNA_F
ClientSampleId :
PB157390BS



Tgt Ion:232 Resp: 22917
Ion Ratio Lower Upper
232 100
131 42.5 34.3 51.5
130 2.2 1.6 2.4
166 28.6 23.9 35.9

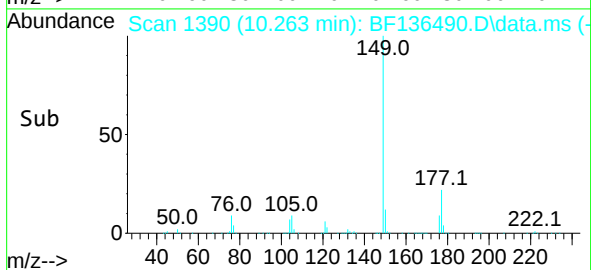
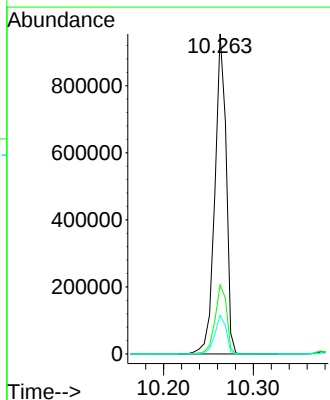
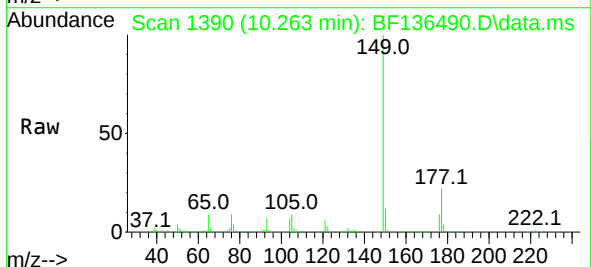
Manual Integrations
APPROVED

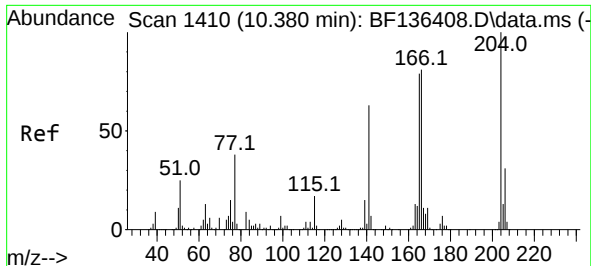
Reviewed By :Yogesh Patel 12/14/2023
Supervised By :mohammad ahmed 12/14/2023



#60
Diethylphthalate
Concen: 38.890 ng
RT: 10.263 min Scan# 1390
Delta R.T. -0.006 min
Lab File: BF136490.D
Acq: 11 Dec 2023 14:59

Tgt Ion:149 Resp: 832284
Ion Ratio Lower Upper
149 100
177 21.6 17.8 26.8
150 12.1 9.4 14.0





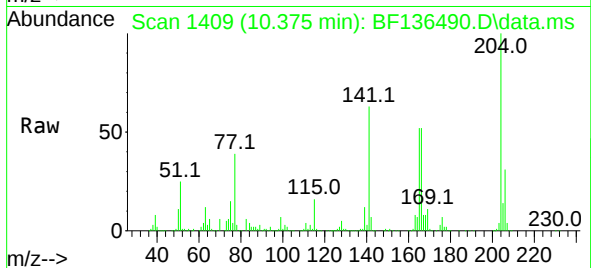
#61
4-Chlorophenyl-phenylether
Concen: 38.642 ng
RT: 10.375 min Scan# 1410
Delta R.T. -0.006 min
Lab File: BF136490.D
Acq: 11 Dec 2023 14:59

Instrument :

BNA_F

ClientSampleId :

PB157390BS

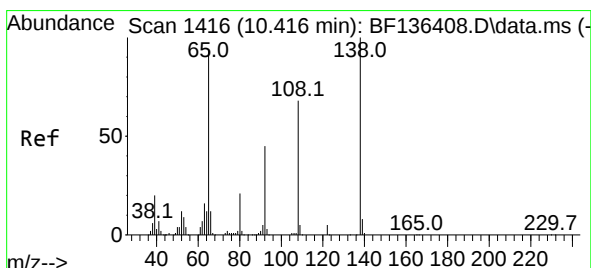
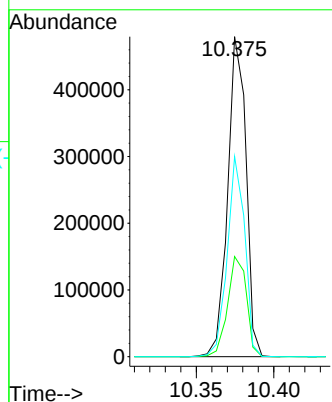
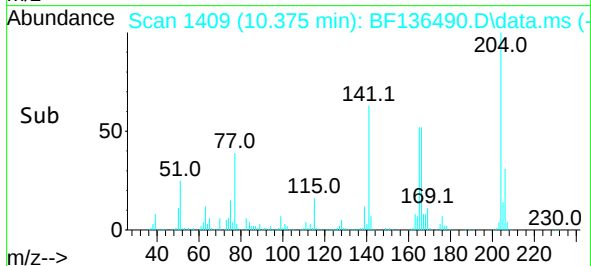


Tgt Ion:204 Resp: 394785
Ion Ratio Lower Upper
204 100
206 31.3 24.6 36.8
141 62.6 50.3 75.5

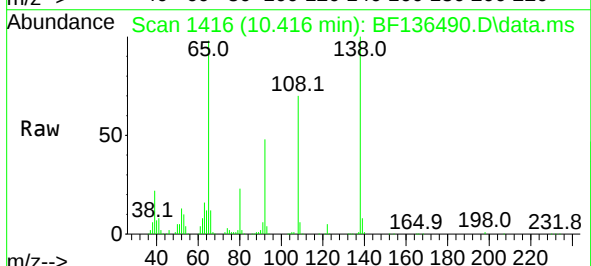
Manual Integrations

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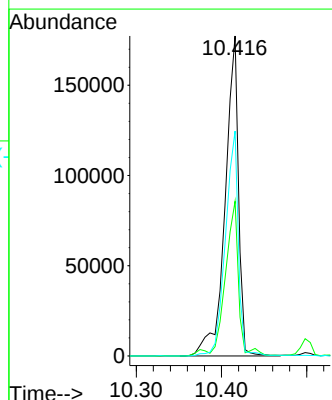
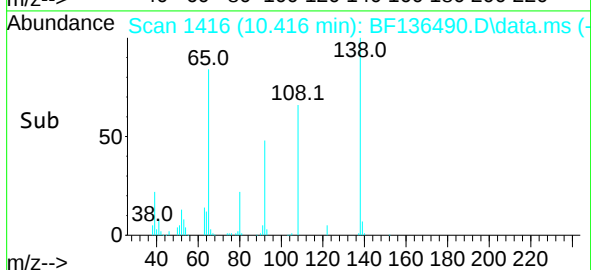
Reviewed By :Yogesh Patel 12/14/2023
Supervised By :mohammad ahmed 12/14/2023

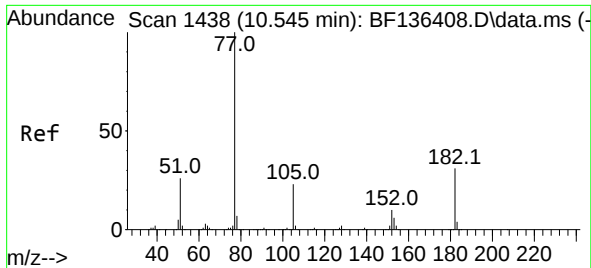


#62
4-Nitroaniline
Concen: 38.980 ng
RT: 10.416 min Scan# 1416
Delta R.T. 0.000 min
Lab File: BF136490.D
Acq: 11 Dec 2023 14:59



Tgt Ion:138 Resp: 193522
Ion Ratio Lower Upper
138 100
92 48.4 25.0 65.0
108 70.3 47.9 87.9





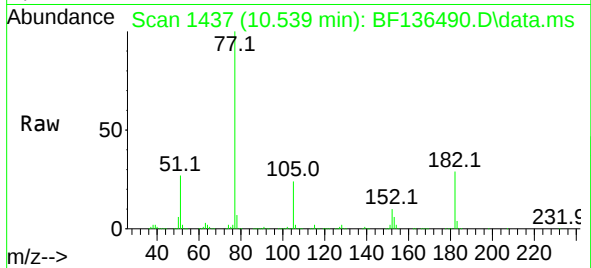
#63
Azobenzene
Concen: 37.502 ng
RT: 10.539 min Scan# 1437
Delta R.T. -0.006 min
Lab File: BF136490.D
Acq: 11 Dec 2023 14:59

Instrument :

BNA_F

ClientSampleId :

PB157390BS

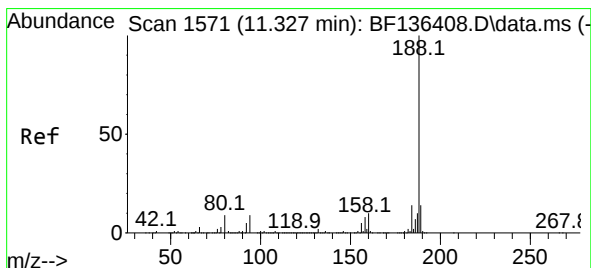
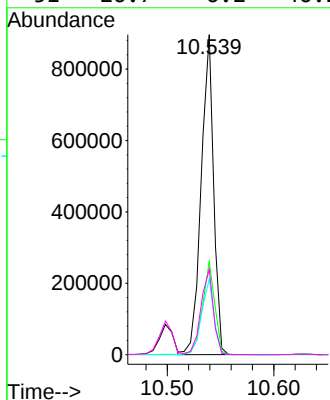
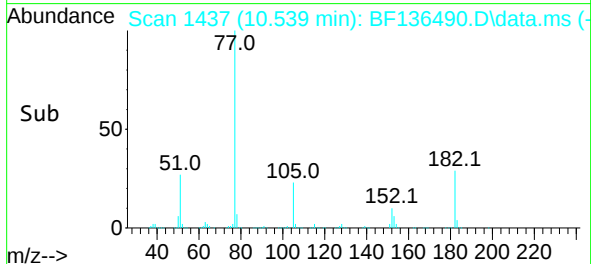


Tgt Ion: 77 Resp: 730519
Ion Ratio Lower Upper
77 100
182 29.1 10.8 50.8
105 23.6 2.6 42.6
51 26.7 6.2 46.2

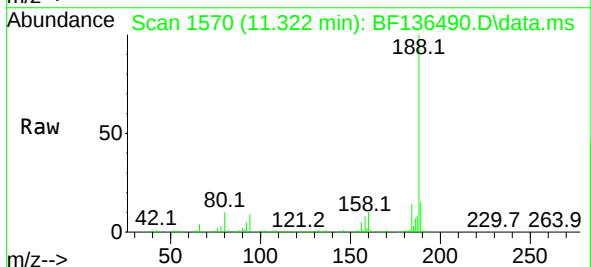
Manual Integrations

APPROVED

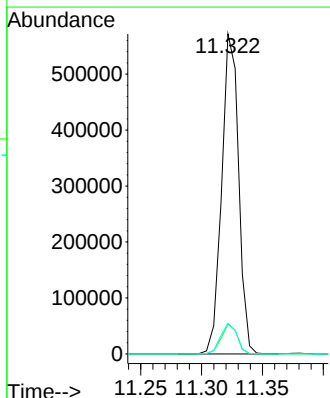
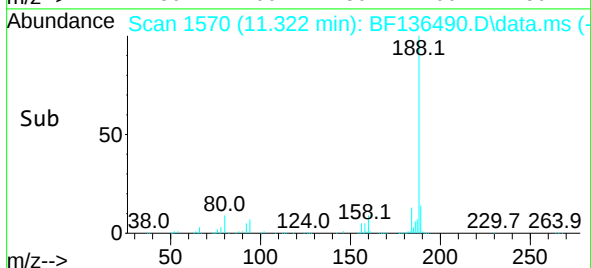
Reviewed By :Yogesh Patel 12/14/2023
Supervised By :mohammad ahmed 12/14/2023

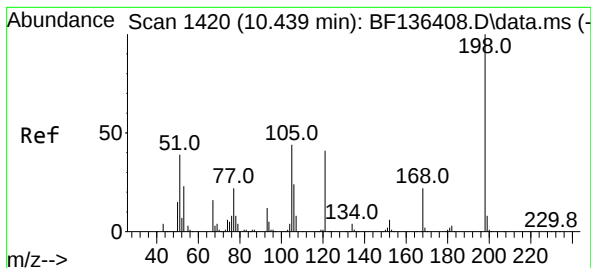


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.322 min Scan# 1570
Delta R.T. -0.006 min
Lab File: BF136490.D
Acq: 11 Dec 2023 14:59



Tgt Ion:188 Resp: 552543
Ion Ratio Lower Upper
188 100
94 9.4 7.2 10.8
80 9.6 7.2 10.8





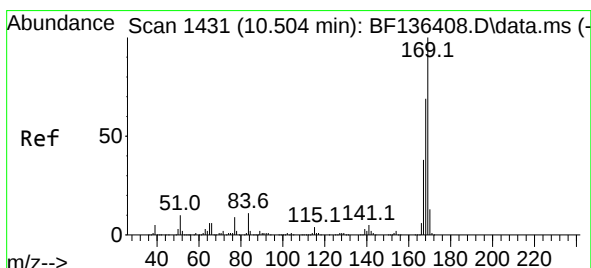
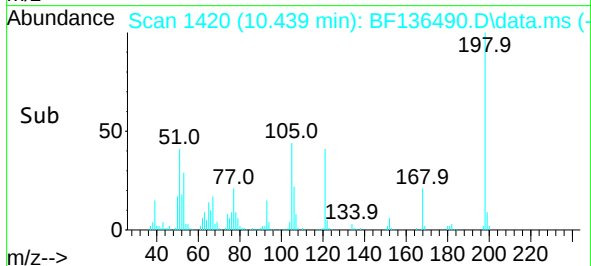
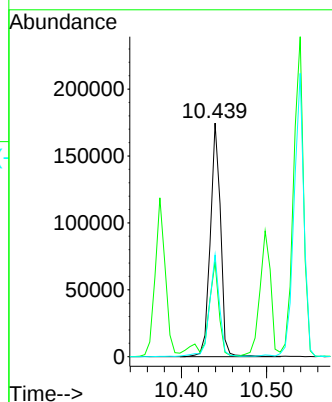
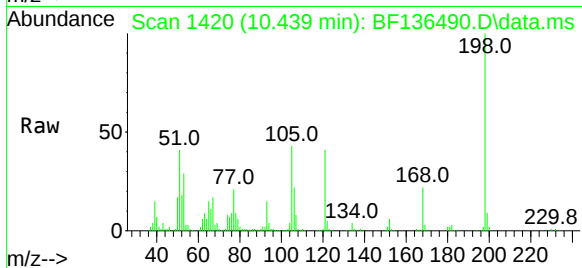
#65
4,6-Dinitro-2-methylphenol
Concen: 42.695 ng
RT: 10.439 min Scan# 1420
Delta R.T. 0.000 min
Lab File: BF136490.D
Acq: 11 Dec 2023 14:59

Instrument :
BNA_F
ClientSampleId :
PB157390BS

Tgt Ion:198 Resp: 146102
Ion Ratio Lower Upper
198 100
51 40.6 24.1 64.1
105 43.5 24.8 64.8

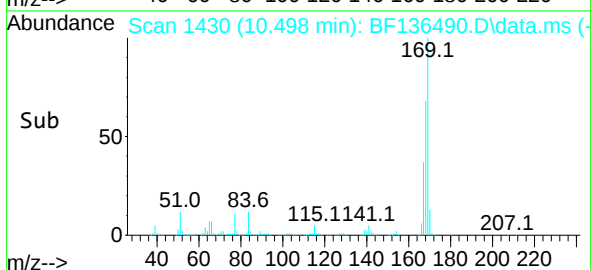
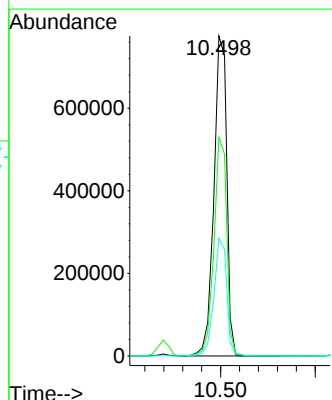
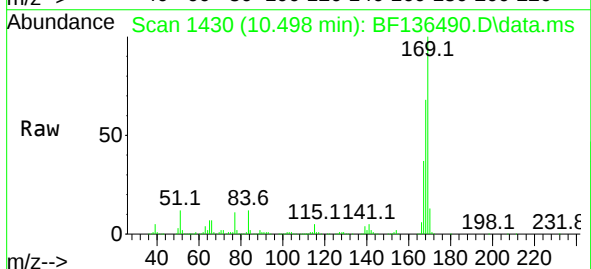
Manual Integrations
APPROVED

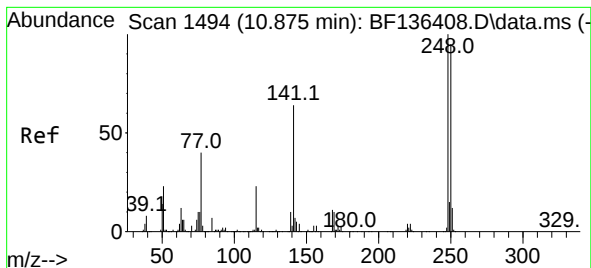
Reviewed By :Yogesh Patel 12/14/2023
Supervised By :mohammad ahmed 12/14/2023



#66
n-Nitrosodiphenylamine
Concen: 40.936 ng
RT: 10.498 min Scan# 1430
Delta R.T. -0.006 min
Lab File: BF136490.D
Acq: 11 Dec 2023 14:59

Tgt Ion:169 Resp: 725802
Ion Ratio Lower Upper
169 100
168 68.3 55.3 82.9
167 36.7 30.1 45.1





#67
4-Bromophenyl-phenylether
Concen: 39.385 ng
RT: 10.869 min Scan# 1493
Delta R.T. -0.006 min
Lab File: BF136490.D
Acq: 11 Dec 2023 14:59

Instrument :

BNA_F

ClientSampleId :

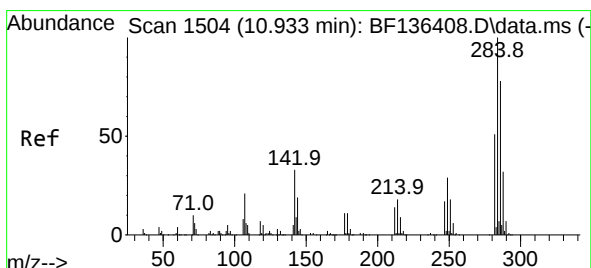
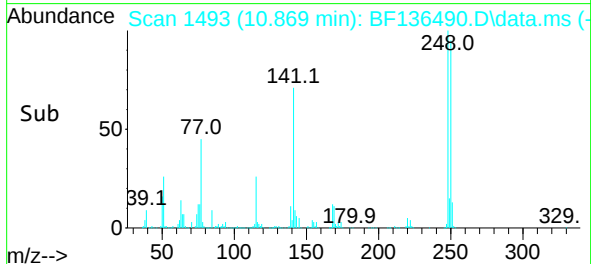
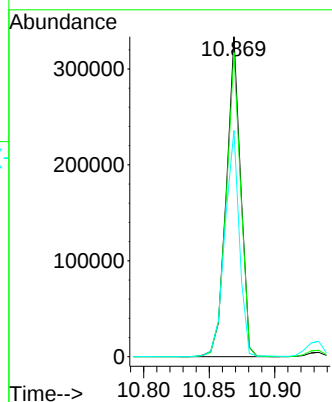
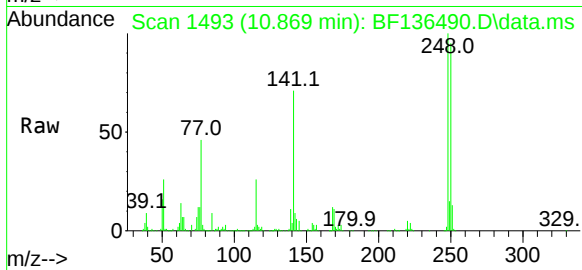
PB157390BS

Tgt Ion:248 Resp: 253015
Ion Ratio Lower Upper
248 100
250 95.0 76.2 114.2
141 70.7 51.0 76.4

Manual Integrations

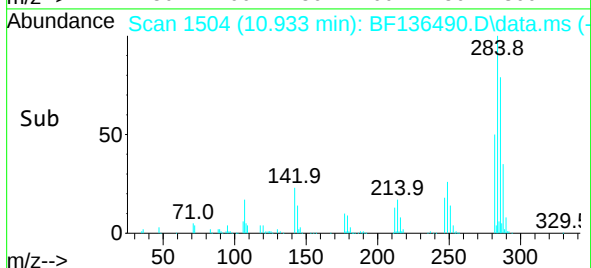
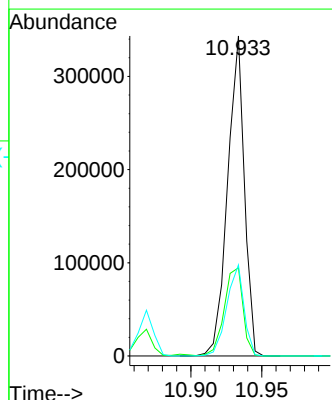
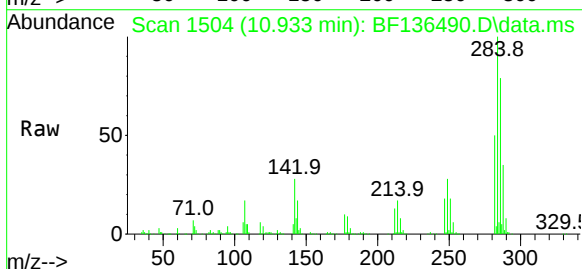
APPROVED

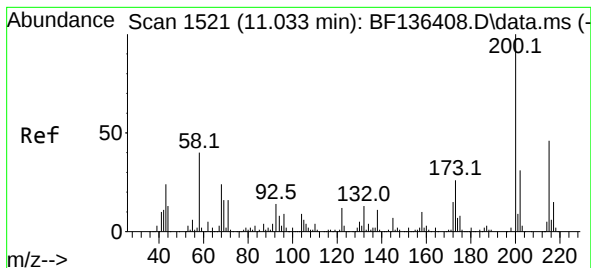
Reviewed By :Yogesh Patel 12/14/2023
Supervised By :mohammad ahmed 12/14/2023



#68
Hexachlorobenzene
Concen: 38.045 ng
RT: 10.933 min Scan# 1504
Delta R.T. 0.000 min
Lab File: BF136490.D
Acq: 11 Dec 2023 14:59

Tgt Ion:284 Resp: 282484
Ion Ratio Lower Upper
284 100
142 27.6 26.5 39.7
249 28.5 23.4 35.0





#69

Atrazine

Concen: 40.083 ng

RT: 11.033 min Scan# 1

Delta R.T. 0.000 min

Lab File: BF136490.D

Acq: 11 Dec 2023 14:59

Instrument :

BNA_F

ClientSampleId :

PB157390BS

Tgt Ion:200 Resp: 202834

Ion Ratio Lower Upper

200 100

173 25.8 6.0 46.0

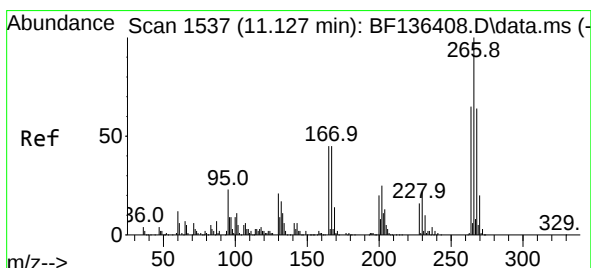
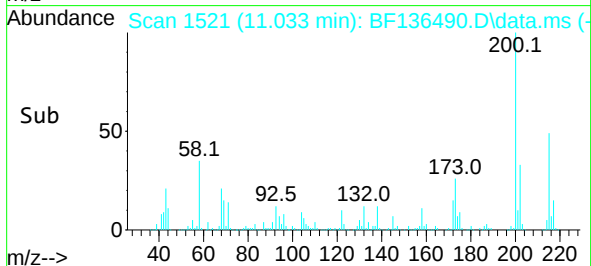
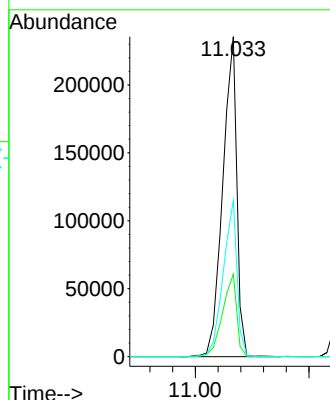
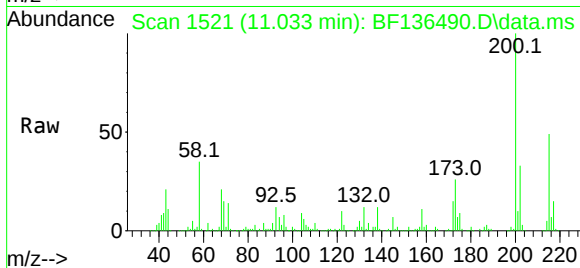
215 48.8 25.5 65.5

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 12/14/2023

Supervised By :mohammad ahmed 12/14/2023



#70

Pentachlorophenol

Concen: 65.952 ng

RT: 11.133 min Scan# 1538

Delta R.T. 0.006 min

Lab File: BF136490.D

Acq: 11 Dec 2023 14:59

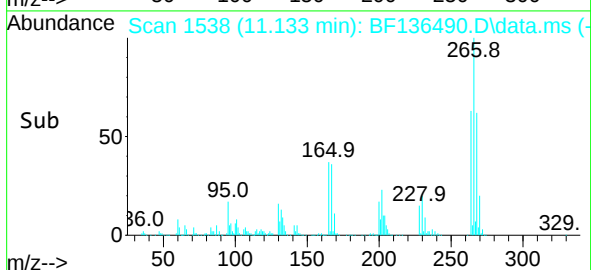
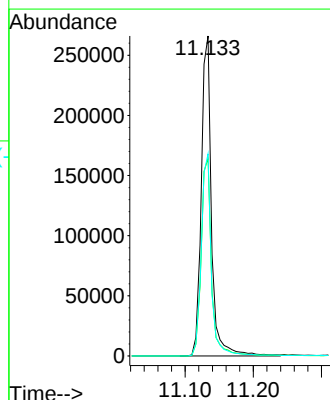
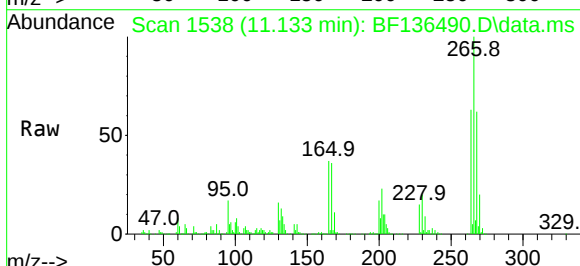
Tgt Ion:266 Resp: 276373

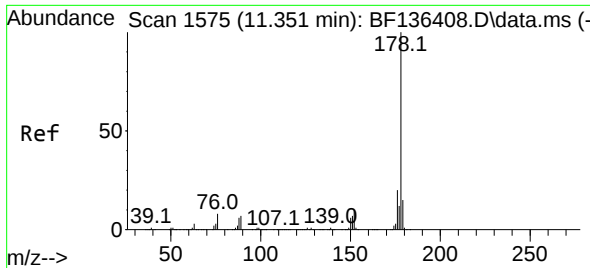
Ion Ratio Lower Upper

266 100

268 61.7 51.0 76.6

264 63.1 52.2 78.4





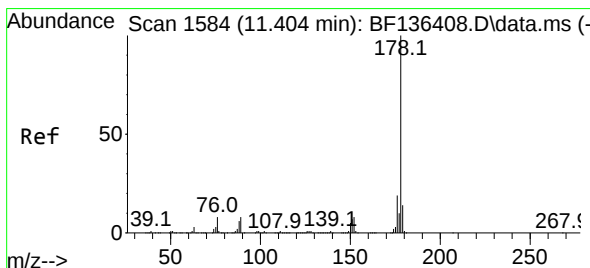
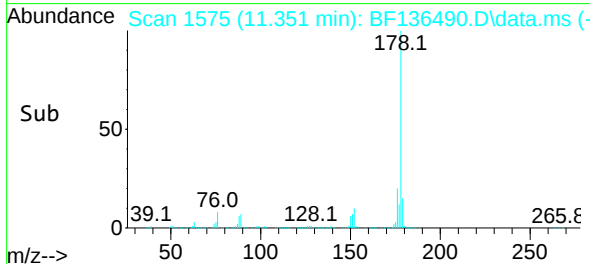
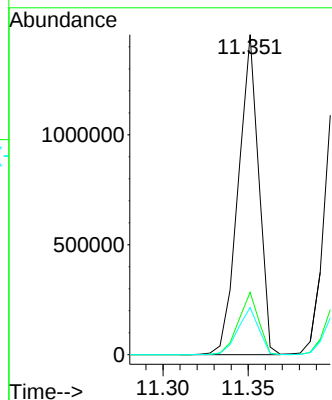
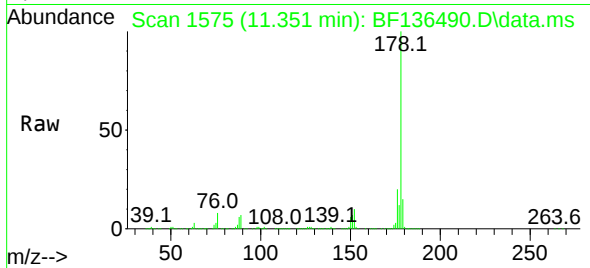
#71
Phenanthrene
Concen: 40.100 ng
RT: 11.351 min Scan# 1575
Delta R.T. 0.000 min
Lab File: BF136490.D
Acq: 11 Dec 2023 14:59

Instrument :
BNA_F
ClientSampleId :
PB157390BS

Tgt Ion:178 Resp: 121784
Ion Ratio Lower Upper
178 100
176 19.5 15.9 23.9
179 14.8 11.8 17.6

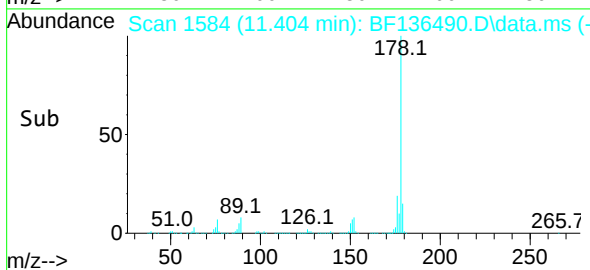
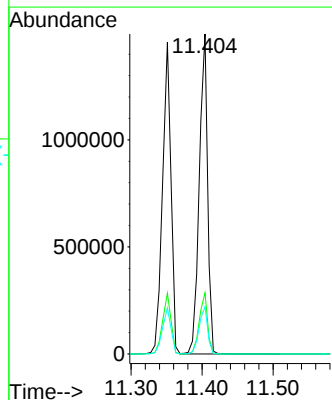
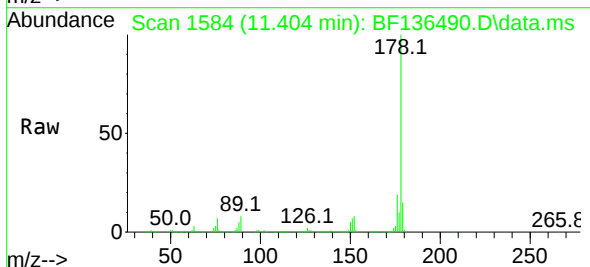
Manual Integrations
APPROVED

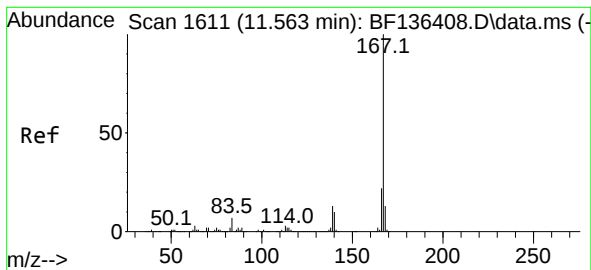
Reviewed By :Yogesh Patel 12/14/2023
Supervised By :mohammad ahmed 12/14/2023



#72
Anthracene
Concen: 39.965 ng
RT: 11.404 min Scan# 1584
Delta R.T. 0.000 min
Lab File: BF136490.D
Acq: 11 Dec 2023 14:59

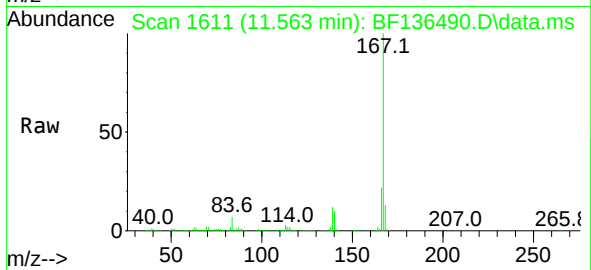
Tgt Ion:178 Resp: 1222498
Ion Ratio Lower Upper
178 100
176 19.1 15.3 22.9
179 14.8 11.4 17.0





#73
 Carbazole
 Concen: 38.944 ng
 RT: 11.563 min Scan# 1611
 Delta R.T. 0.000 min
 Lab File: BF136490.D
 Acq: 11 Dec 2023 14:59

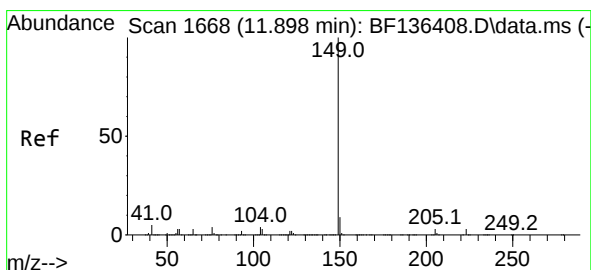
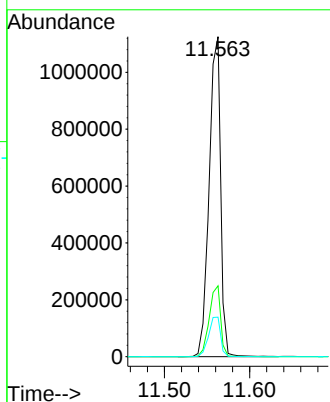
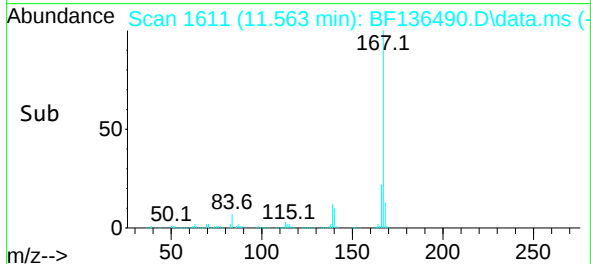
Instrument :
 BNA_F
 ClientSampleId :
 PB157390BS



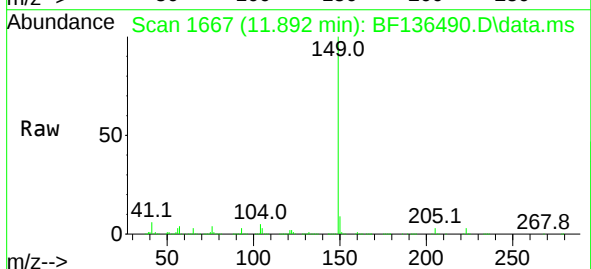
Tgt Ion:167 Resp: 1054379
 Ion Ratio Lower Upper
 167 100
 166 22.1 18.0 27.0
 139 12.4 10.2 15.4

Manual Integrations
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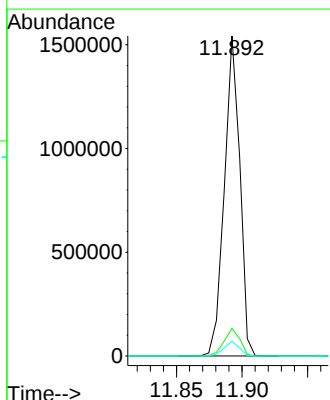
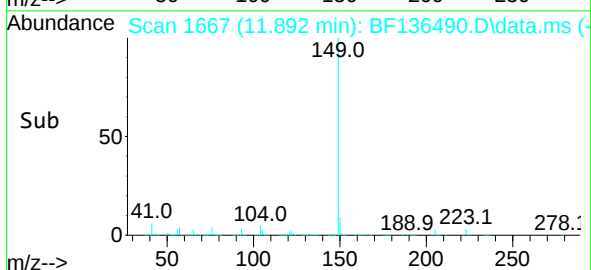
Reviewed By :Yogesh Patel 12/14/2023
 Supervised By :mohammad ahmed 12/14/2023

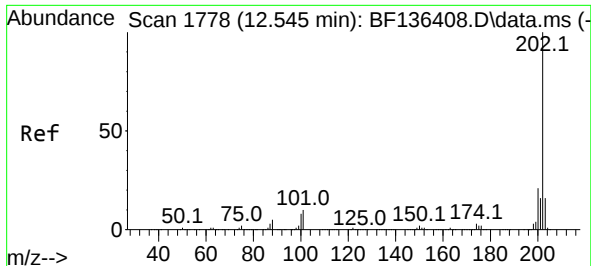


#74
 Di-n-butylphthalate
 Concen: 37.952 ng
 RT: 11.892 min Scan# 1667
 Delta R.T. -0.006 min
 Lab File: BF136490.D
 Acq: 11 Dec 2023 14:59



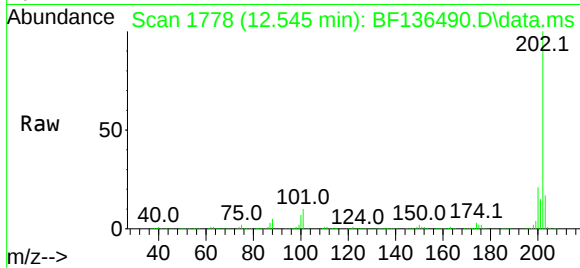
Tgt Ion:149 Resp: 1259629
 Ion Ratio Lower Upper
 149 100
 150 8.6 6.9 10.3
 104 4.6 3.5 5.3





#75
Fluoranthene
Concen: 37.030 ng
RT: 12.545 min Scan# 1778
Delta R.T. 0.000 min
Lab File: BF136490.D
Acq: 11 Dec 2023 14:59

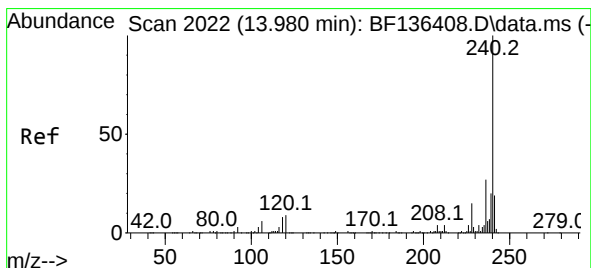
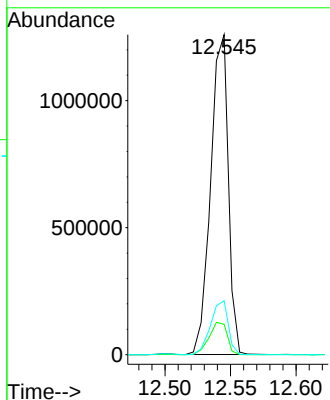
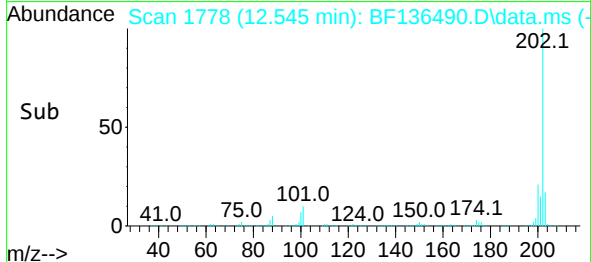
Instrument :
BNA_F
ClientSampleId :
PB157390BS



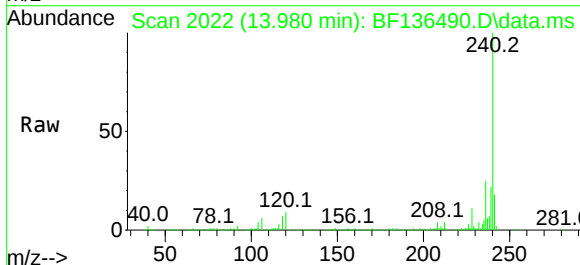
Tgt Ion:202 Resp: 1178510
Ion Ratio Lower Upper
202 100
101 9.5 0.0 29.9
203 16.8 0.0 36.3

Manual Integrations
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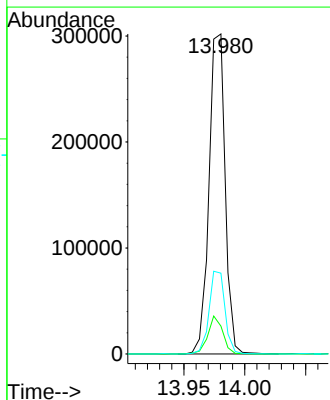
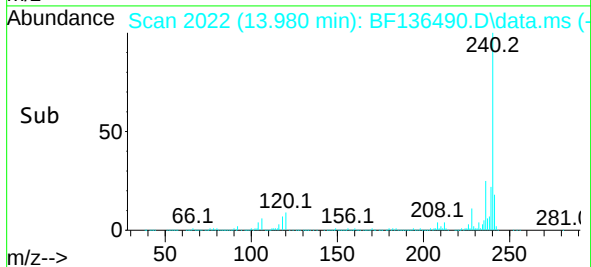
Reviewed By :Yogesh Patel 12/14/2023
Supervised By :mohammad ahmed 12/14/2023

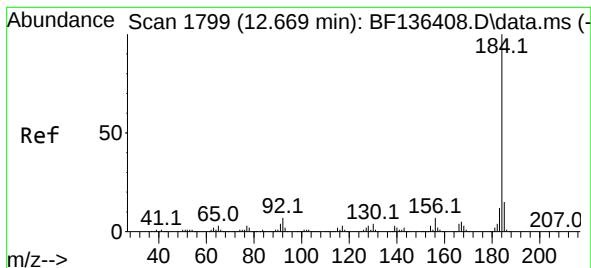


#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.980 min Scan# 2022
Delta R.T. 0.000 min
Lab File: BF136490.D
Acq: 11 Dec 2023 14:59



Tgt Ion:240 Resp: 279416
Ion Ratio Lower Upper
240 100
120 8.7 7.3 10.9
236 25.3 21.3 31.9





#77

Benzidine

Concen: 15.677 ng

RT: 12.669 min Scan# 1799

Delta R.T. -0.000 min

Lab File: BF136490.D

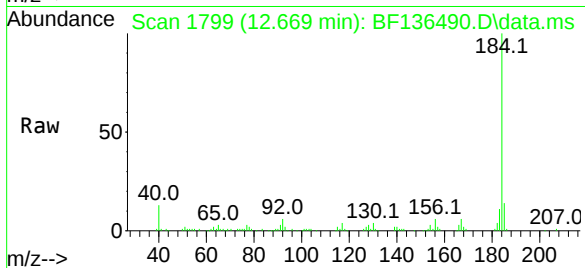
Acq: 11 Dec 2023 14:59

Instrument :

BNA_F

ClientSampleId :

PB157390BS



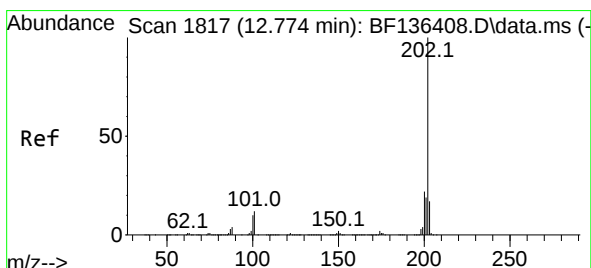
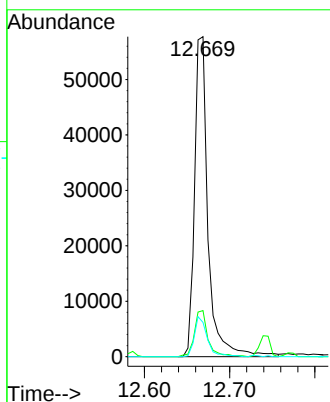
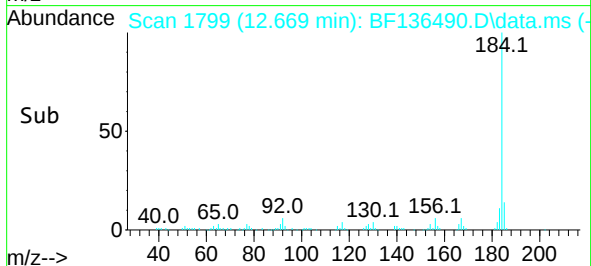
Tgt Ion:	184	Resp:	6352
Ion Ratio	Lower	Upper	
184	100		
185	14.4	12.0	18.0
183	10.7	9.4	14.0

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 12/14/2023

Supervised By :mohammad ahmed 12/14/2023



#78

Pyrene

Concen: 43.114 ng

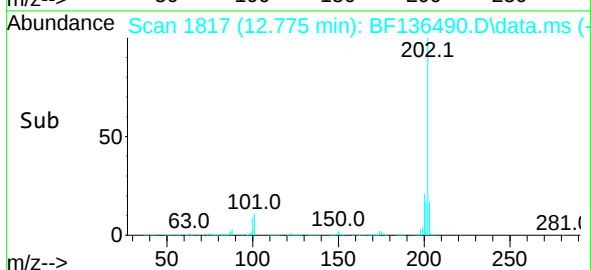
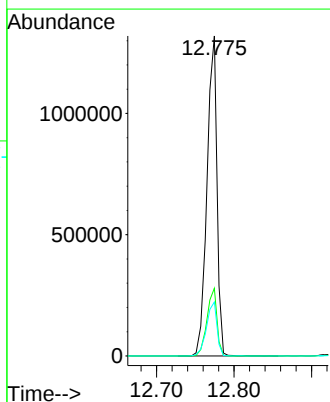
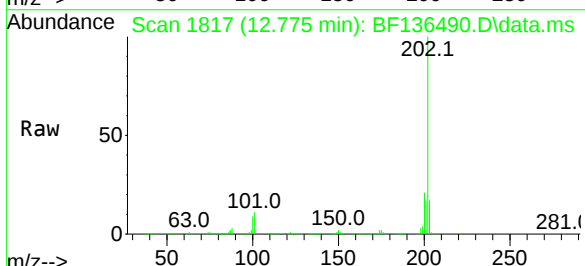
RT: 12.775 min Scan# 1817

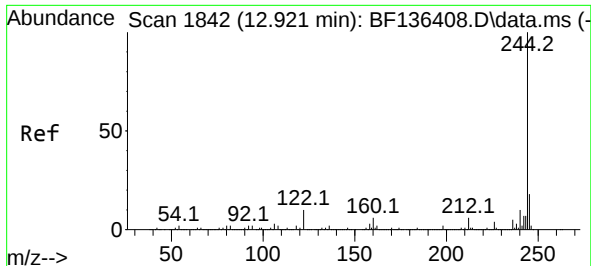
Delta R.T. 0.000 min

Lab File: BF136490.D

Acq: 11 Dec 2023 14:59

Tgt Ion:	202	Resp:	1179816
Ion Ratio	Lower	Upper	
202	100		
200	21.2	18.0	27.0
203	16.9	13.5	20.3





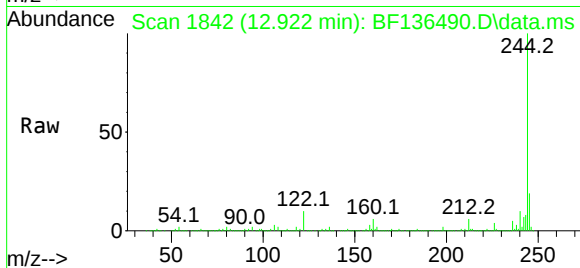
#79
 Terphenyl-d14
 Concen: 80.014 ng
 RT: 12.922 min Scan# 1842
 Delta R.T. 0.000 min
 Lab File: BF136490.D
 Acq: 11 Dec 2023 14:59

Instrument :

BNA_F

ClientSampleId :

PB157390BS



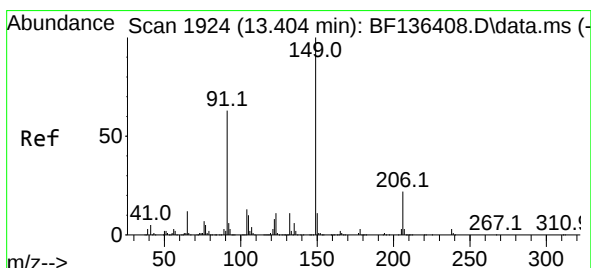
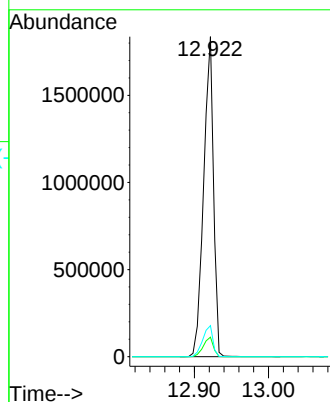
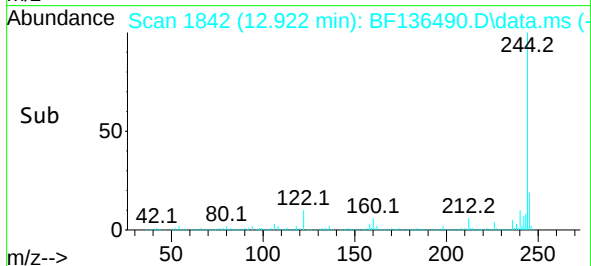
Tgt Ion:244 Resp: 169623
 Ion Ratio Lower Upper
 244 100
 212 6.1 5.0 7.4
 122 9.7 8.3 12.5

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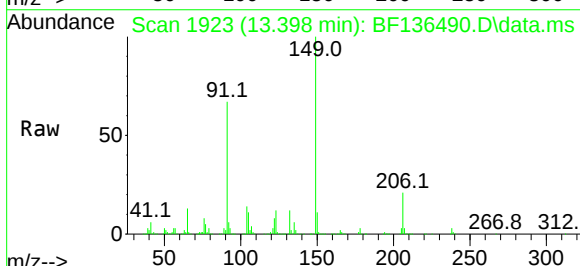
APPROVED

Reviewed By :Yogesh Patel 12/14/2023

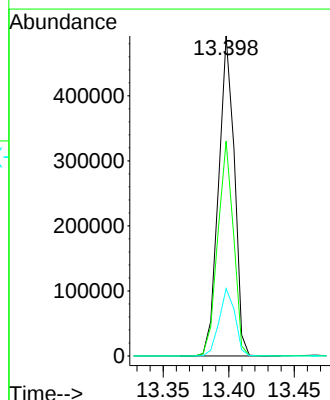
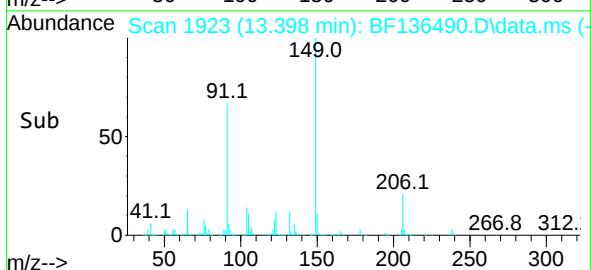
Supervised By :mohammad ahmed 12/14/2023

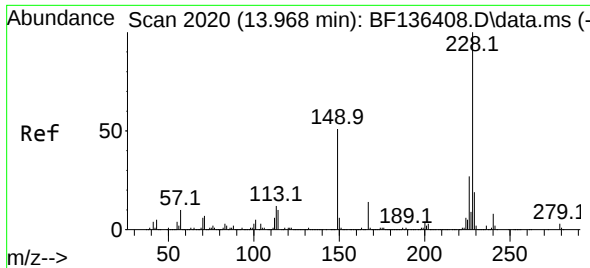


#80
 Butylbenzylphthalate
 Concen: 42.175 ng
 RT: 13.398 min Scan# 1923
 Delta R.T. -0.006 min
 Lab File: BF136490.D
 Acq: 11 Dec 2023 14:59



Tgt Ion:149 Resp: 410841
 Ion Ratio Lower Upper
 149 100
 91 67.1 50.5 75.7
 206 21.1 17.4 26.2





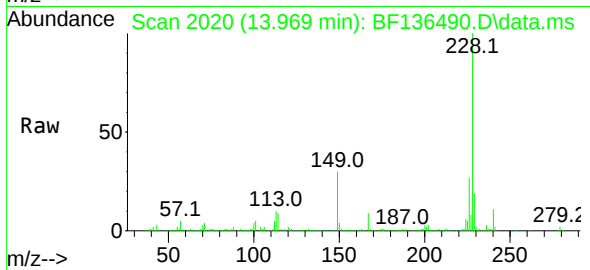
#81
Benzo(a)anthracene
Concen: 41.262 ng
RT: 13.969 min Scan# 2020
Delta R.T. 0.000 min
Lab File: BF136490.D
Acq: 11 Dec 2023 14:59

Instrument :

BNA_F

ClientSampleId :

PB157390BS

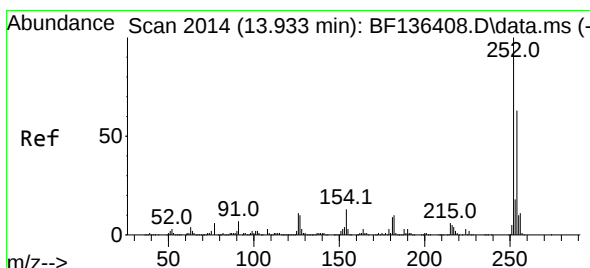
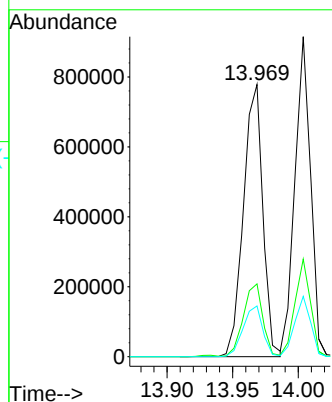
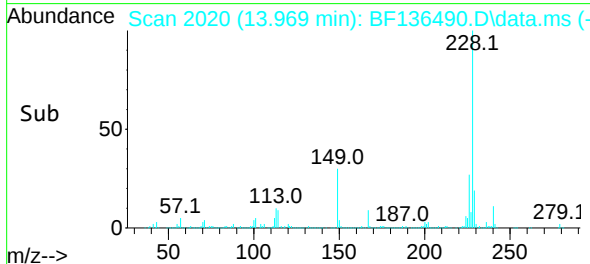


Tgt Ion:228 Resp: 803091
Ion Ratio Lower Upper
228 100
226 26.8 21.8 32.8
229 18.6 15.0 22.4

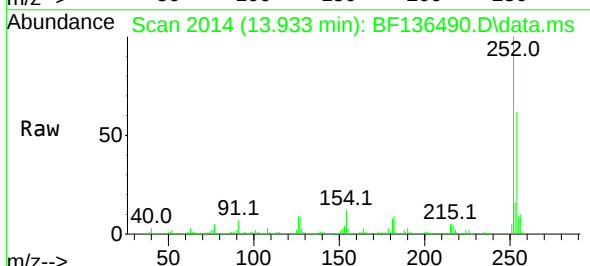
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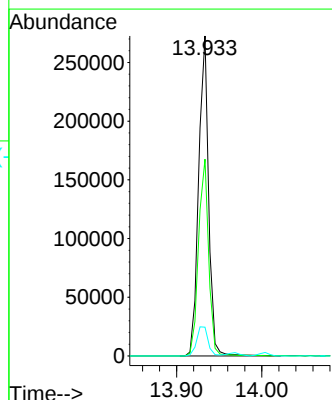
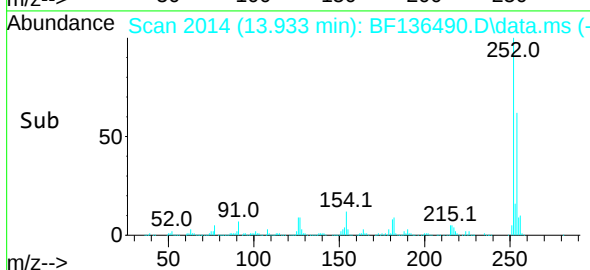
Reviewed By :Yogesh Patel 12/14/2023
Supervised By :mohammad ahmed 12/14/2023



#82
3,3'-Dichlorobenzidine
Concen: 40.666 ng
RT: 13.933 min Scan# 2014
Delta R.T. 0.000 min
Lab File: BF136490.D
Acq: 11 Dec 2023 14:59



Tgt Ion:252 Resp: 221919
Ion Ratio Lower Upper
252 100
254 61.5 50.8 76.2
126 9.0 8.6 12.8





#83

Chrysene

Concen: 39.637 ng

RT: 14.004 min Scan# 2026

Delta R.T. 0.000 min

Lab File: BF136490.D

Acq: 11 Dec 2023 14:59

Instrument :

BNA_F

ClientSampleId :

PB157390BS

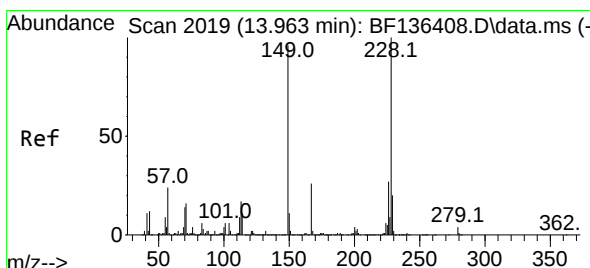
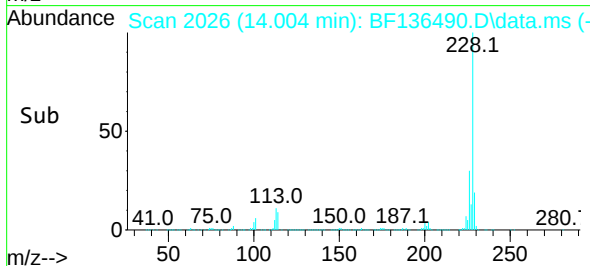
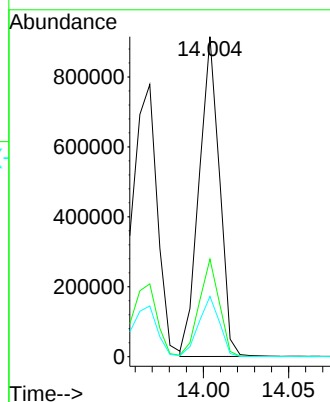
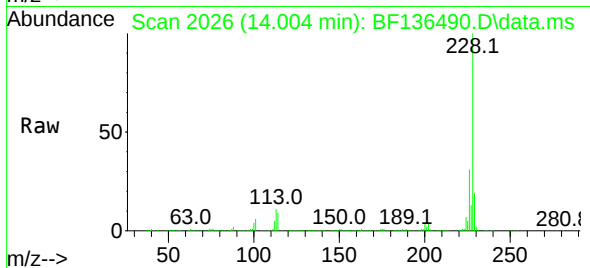
Tgt Ion:228	Resp: 75900
Ion Ratio	Lower Upper
228 100	
226 30.5	23.8 35.6
229 18.8	14.8 22.2

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Reviewed By :Yogesh Patel 12/14/2023

Supervised By :mohammad ahmed 12/14/2023



#84

Bis(2-ethylhexyl)phthalate

Concen: 39.620 ng

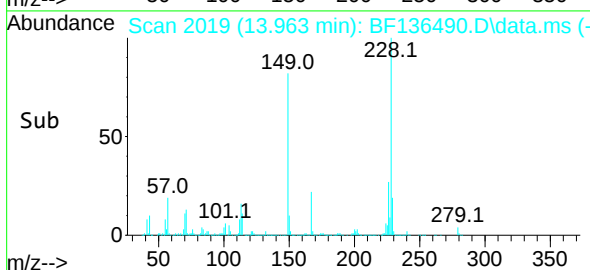
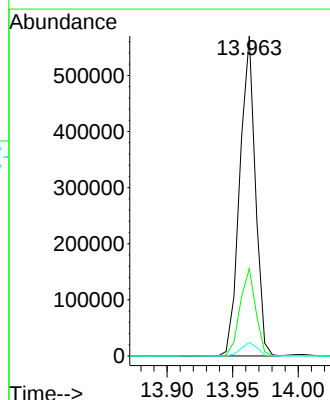
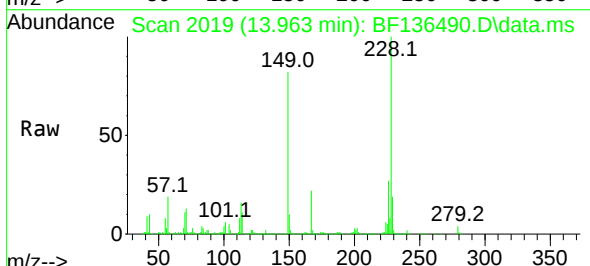
RT: 13.963 min Scan# 2019

Delta R.T. 0.000 min

Lab File: BF136490.D

Acq: 11 Dec 2023 14:59

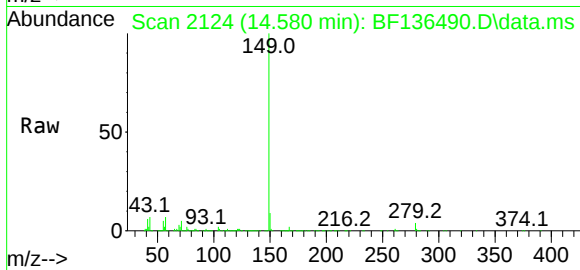
Tgt Ion:149	Resp: 473148
Ion Ratio	Lower Upper
149 100	
167 27.3	21.2 31.8
279 4.3	3.1 4.7





#85
Di-n-octyl phthalate
Concen: 39.396 ng
RT: 14.580 min Scan# 2124
Delta R.T. 0.000 min
Lab File: BF136490.D
Acq: 11 Dec 2023 14:59

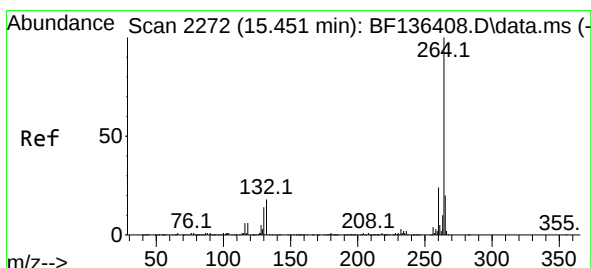
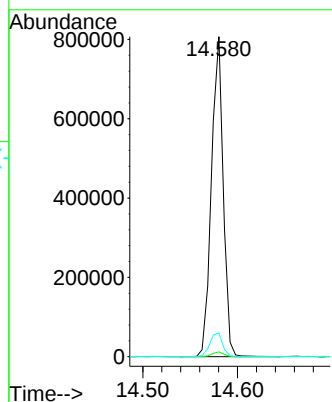
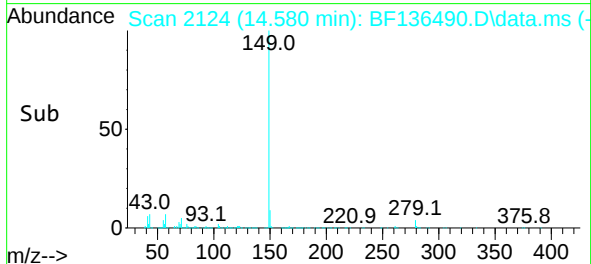
Instrument :
BNA_F
ClientSampleId :
PB157390BS



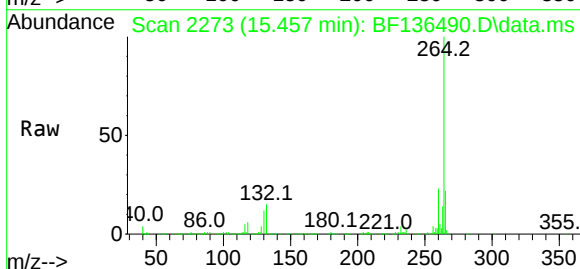
Tgt Ion:149 Resp: 694933
Ion Ratio Lower Upper
149 100
167 1.5 1.3 1.9
43 8.1 6.8 10.2

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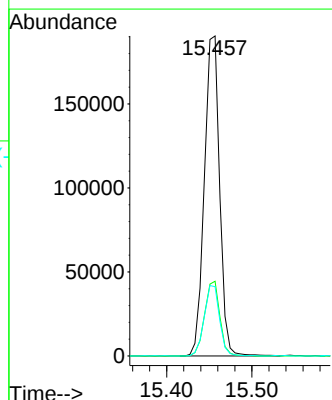
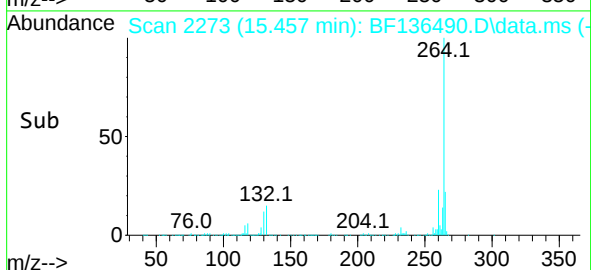
Reviewed By :Yogesh Patel 12/14/2023
Supervised By :mohammad ahmed 12/14/2023

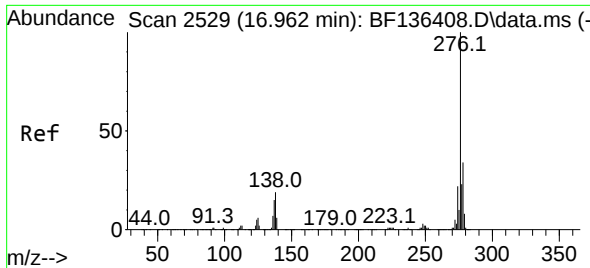


#86
Perylene-d12
Concen: 20.000 ng
RT: 15.457 min Scan# 2273
Delta R.T. 0.006 min
Lab File: BF136490.D
Acq: 11 Dec 2023 14:59



Tgt Ion:264 Resp: 237096
Ion Ratio Lower Upper
264 100
260 23.3 19.2 28.8
265 21.7 15.9 23.9





#87
Indeno(1,2,3-cd)pyrene
Concen: 50.687 ng
RT: 16.962 min Scan# 2199
Delta R.T. 0.000 min
Lab File: BF136490.D
Acq: 11 Dec 2023 14:59

Instrument :

BNA_F

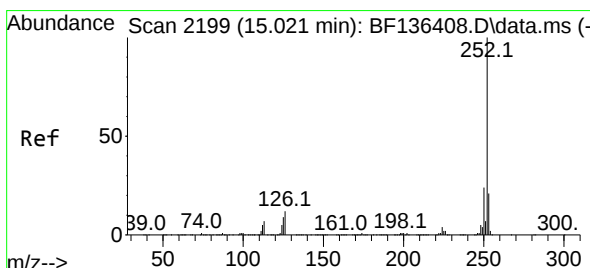
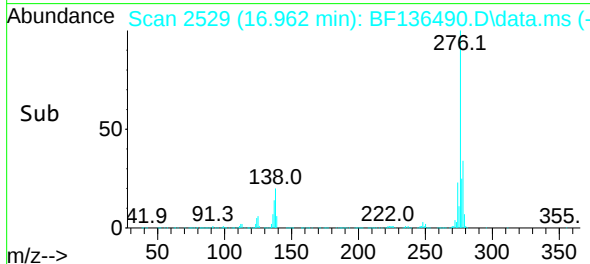
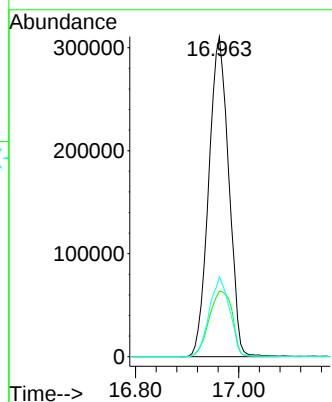
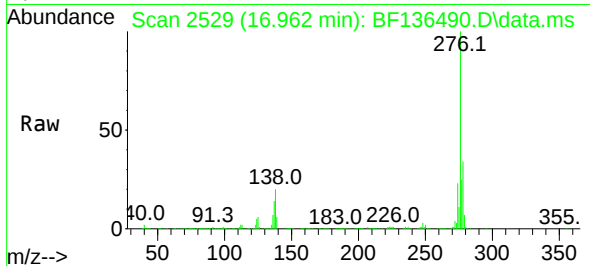
ClientSampleId :

PB157390BS

Tgt Ion:276 Resp: 834889
Ion Ratio Lower Upper
276 100
138 23.7 19.0 28.4
277 25.5 20.0 30.0

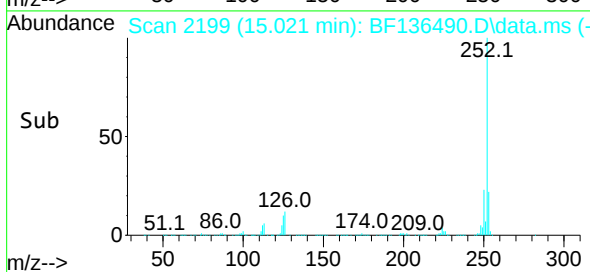
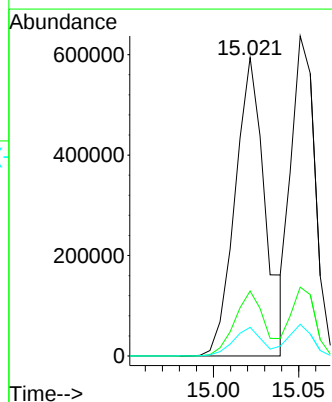
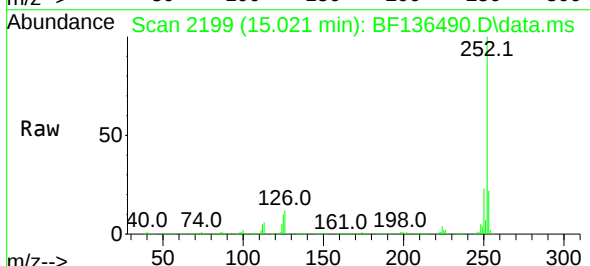
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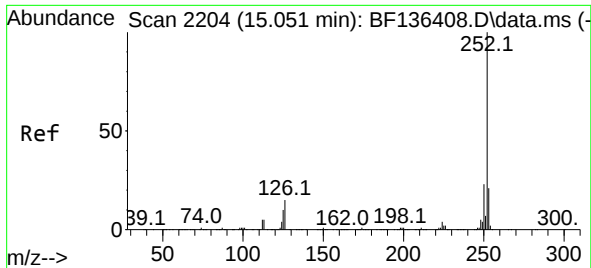
Reviewed By :Yogesh Patel 12/14/2023
Supervised By :mohammad ahmed 12/14/2023



#88
Benzo(b)fluoranthene
Concen: 45.338 ng
RT: 15.021 min Scan# 2199
Delta R.T. 0.000 min
Lab File: BF136490.D
Acq: 11 Dec 2023 14:59

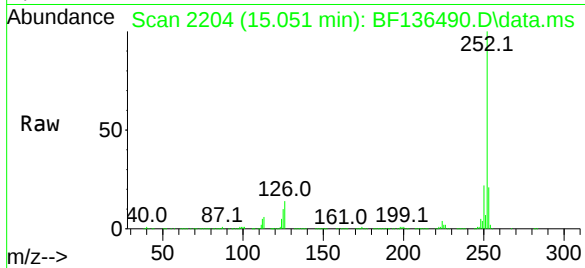
Tgt Ion:252 Resp: 734964
Ion Ratio Lower Upper
252 100
253 21.7 16.9 25.3
125 9.6 7.4 11.2





#89
Benzo(k)fluoranthene
Concen: 40.775 ng
RT: 15.051 min Scan# 2204
Delta R.T. 0.000 min
Lab File: BF136490.D
Acq: 11 Dec 2023 14:59

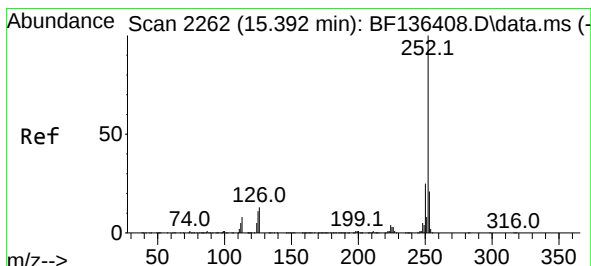
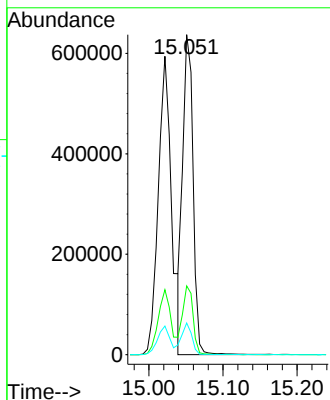
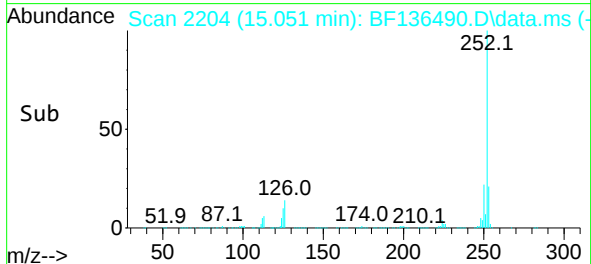
Instrument :
BNA_F
ClientSampleId :
PB157390BS



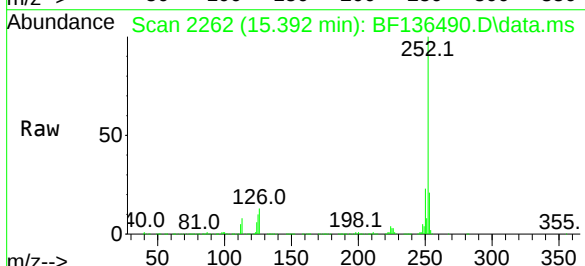
Tgt Ion:252 Resp: 622928
Ion Ratio Lower Upper
252 100
253 21.5 16.9 25.3
125 9.9 7.5 11.3

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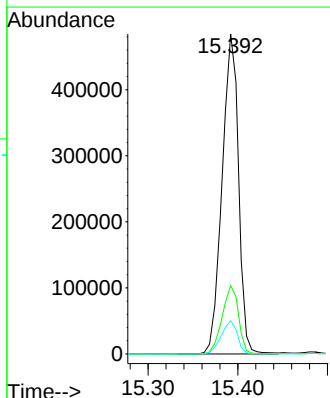
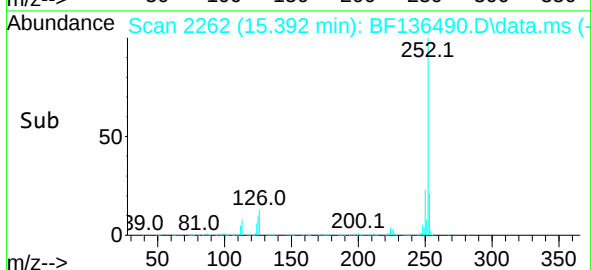
Reviewed By :Yogesh Patel 12/14/2023
Supervised By :mohammad ahmed 12/14/2023

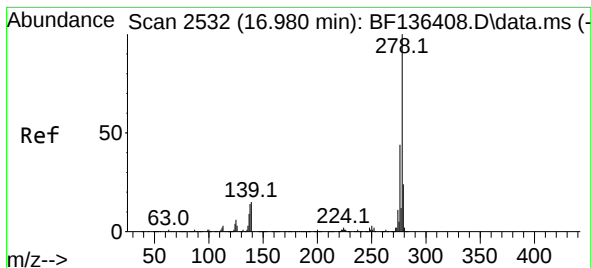


#90
Benzo(a)pyrene
Concen: 45.960 ng
RT: 15.392 min Scan# 2262
Delta R.T. 0.000 min
Lab File: BF136490.D
Acq: 11 Dec 2023 14:59



Tgt Ion:252 Resp: 615293
Ion Ratio Lower Upper
252 100
253 21.4 17.0 25.4
125 10.4 8.6 13.0





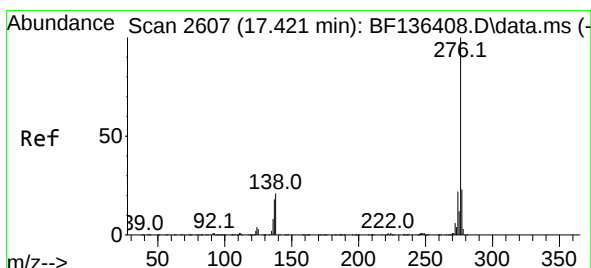
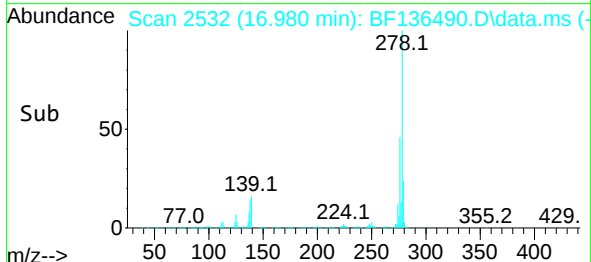
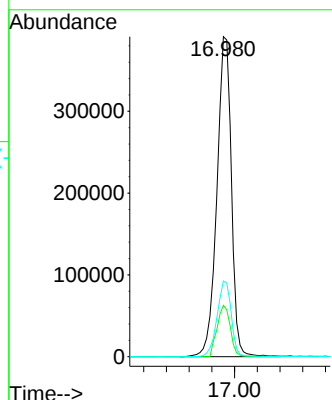
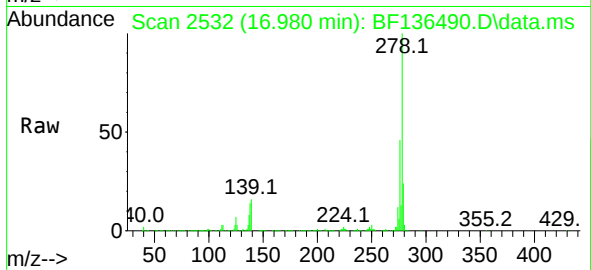
#91
Dibenzo(a,h)anthracene
Concen: 51.409 ng
RT: 16.980 min Scan# 2532
Delta R.T. 0.000 min
Lab File: BF136490.D
Acq: 11 Dec 2023 14:59

Instrument :
BNA_F
ClientSampleId :
PB157390BS

Tgt Ion:278 Resp: 693724
Ion Ratio Lower Upper
278 100
139 16.0 12.2 18.4
279 23.6 19.0 28.4

Manual Integrations
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Reviewed By :Yogesh Patel 12/14/2023
Supervised By :mohammad ahmed 12/14/2023



#92
Benzo(g,h,i)perylene
Concen: 50.555 ng
RT: 17.421 min Scan# 2607
Delta R.T. 0.000 min
Lab File: BF136490.D
Acq: 11 Dec 2023 14:59

Tgt Ion:276 Resp: 700206
Ion Ratio Lower Upper
276 100
277 23.9 18.7 28.1
138 20.2 16.6 25.0

