

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF121423\
 Data File : BF136569.D
 Acq On : 14 Dec 2023 15:35
 Operator : CG\JU
 Sample : PB157641BSD
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB157641BSD

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 12/15/2023
 Supervised By :mohammad ahmed 12/15/2023

Quant Time: Dec 14 16:33:48 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	6.787	152	110581	20.000	ng	-0.02
21) Naphthalene-d8	8.069	136	461342	20.000	ng	-0.01
39) Acenaphthene-d10	9.822	164	247736	20.000	ng	-0.02
64) Phenanthrene-d10	11.316	188	464416	20.000	ng	-0.01
76) Chrysene-d12	13.969	240	279678	20.000	ng	-0.01
86) Perylene-d12	15.439	264	245323	20.000	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.440	112	649334	86.720	ng	0.00
7) Phenol-d6	6.434	99	807261	86.411	ng	-0.01
23) Nitrobenzene-d5	7.351	82	709461	83.135	ng	-0.02
42) 2,4,6-Tribromophenol	10.622	330	268205	87.804	ng	-0.01
45) 2-Fluorobiphenyl	9.145	172	1494367	82.308	ng	-0.02
79) Terphenyl-d14	12.916	244	1811119	85.353	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	2.658	88	105108	35.490	ng	98
3) Pyridine	3.405	79	272938	38.055	ng	97
4) n-Nitrosodimethylamine	3.381	42	133799	42.939	ng	100
6) Aniline	6.451	93	350989	37.176	ng	# 36
8) 2-Chlorophenol	6.575	128	371955	45.503	ng	99
9) Benzaldehyde	6.340	77	126070	24.257	ng	93
10) Phenol	6.445	94	433161	43.574	ng	88
11) bis(2-Chloroethyl)ether	6.528	93	321329	43.366	ng	96
12) 1,3-Dichlorobenzene	6.728	146	380504	41.391	ng	99
13) 1,4-Dichlorobenzene	6.804	146	385537	41.343	ng	98
14) 1,2-Dichlorobenzene	6.957	146	368961	42.075	ng	98
15) Benzyl Alcohol	6.934	79	292473	46.753	ng	98
16) 2,2'-oxybis(1-Chloropr...	7.063	45	393237	41.263	ng	95
17) 2-Methylphenol	7.051	107	296859	44.951	ng	93
18) Hexachloroethane	7.292	117	136988	42.075	ng	98
19) n-Nitroso-di-n-propyla...	7.204	70	233904	43.404	ng	99
20) 3+4-Methylphenols	7.204	107	364311	44.443	ng	# 81
22) Acetophenone	7.198	105	487790	42.818	ng	# 96
24) Nitrobenzene	7.369	77	354086	41.246	ng	99
25) Isophorone	7.610	82	651584	42.499	ng	97
26) 2-Nitrophenol	7.687	139	196501	46.559	ng	94
27) 2,4-Dimethylphenol	7.728	122	327632	62.957	ng	98
28) bis(2-Chloroethoxy)met...	7.822	93	412528	43.787	ng	99
29) 2,4-Dichlorophenol	7.928	162	312018	45.424	ng	99
30) 1,2,4-Trichlorobenzene	8.010	180	340091	42.460	ng	97
31) Naphthalene	8.087	128	1071276	42.108	ng	99
32) Benzoic acid	7.869	122	216694	41.975	ng	97
33) 4-Chloroaniline	8.140	127	171512	18.910	ng	97
34) Hexachlorobutadiene	8.204	225	195228	41.127	ng	98
35) Caprolactam	8.522	113	99201m	46.896	ng	
36) 4-Chloro-3-methylphenol	8.634	107	330515	45.317	ng	98
37) 2-Methylnaphthalene	8.781	142	702793	43.421	ng	95
38) 1-Methylnaphthalene	8.881	142	653270	41.132	ng	97
40) 1,2,4,5-Tetrachloroben...	8.945	216	333306	43.245	ng	99
41) Hexachlorocyclopentadiene	8.934	237	400319	140.197	ng	99
43) 2,4,6-Trichlorophenol	9.063	196	223529	44.541	ng	100

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF121423\
 Data File : BF136569.D
 Acq On : 14 Dec 2023 15:35
 Operator : CG\JU
 Sample : PB157641BSD
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB157641BSD

Quant Time: Dec 14 16:33:48 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF120523.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Dec 06 09:40:27 2023
 Response via : Initial Calibration

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 12/15/2023
 Supervised By :mohammad ahmed 12/15/2023

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.110	196	245334	43.801	ng	# 93
46) 1,1'-Biphenyl	9.245	154	892682	42.348	ng	98
47) 2-Chloronaphthalene	9.269	162	681223	41.521	ng	97
48) 2-Nitroaniline	9.375	65	193360	43.942	ng	88
49) Acenaphthylene	9.686	152	1037873	44.407	ng	98
50) Dimethylphthalate	9.557	163	805324	44.154	ng	99
51) 2,6-Dinitrotoluene	9.616	165	176938	43.121	ng	95
52) Acenaphthene	9.863	154	648785	43.319	ng	95
53) 3-Nitroaniline	9.786	138	124279	29.660	ng	97
54) 2,4-Dinitrophenol	9.898	184	191259	92.190	ng	95
55) Dibenzofuran	10.033	168	942359	43.070	ng	99
56) 4-Nitrophenol	9.963	139	288776	91.933	ng	98
57) 2,4-Dinitrotoluene	10.022	165	234363	43.175	ng	94
58) Fluorene	10.375	166	752156	42.825	ng	99
59) 2,3,4,6-Tetrachlorophenol	10.151	232	212614	47.389	ng	99
60) Diethylphthalate	10.257	149	773900	43.150	ng	100
61) 4-Chlorophenyl-phenyle...	10.369	204	371135	43.347	ng	97
62) 4-Nitroaniline	10.410	138	185459	44.575	ng	99
63) Azobenzene	10.533	77	686646	42.062	ng	99
65) 4,6-Dinitro-2-methylph...	10.433	198	137100	47.667	ng	90
66) n-Nitrosodiphenylamine	10.492	169	674320	45.250	ng	98
67) 4-Bromophenyl-phenylether	10.863	248	242104	44.838	ng	98
68) Hexachlorobenzene	10.922	284	275762	44.188	ng	98
69) Atrazine	11.028	200	235572	55.386	ng	97
70) Pentachlorophenol	11.122	266	278495	79.070	ng	97
71) Phenanthrene	11.345	178	1147288	44.945	ng	99
72) Anthracene	11.392	178	1180091	45.899	ng	99
73) Carbazole	11.551	167	1024449	45.019	ng	99
74) Di-n-butylphthalate	11.886	149	1260306	45.178	ng	99
75) Fluoranthene	12.533	202	1180381	44.126	ng	97
77) Benzidine	12.657	184	299892	44.032	ng	99
78) Pyrene	12.763	202	1194854	43.623	ng	99
80) Butylbenzylphthalate	13.392	149	467381	47.934	ng	97
81) Benzo(a)anthracene	13.957	228	874613	44.895	ng	98
82) 3,3'-Dichlorobenzidine	13.921	252	188122	34.441	ng	97
83) Chrysene	13.998	228	845751	44.125	ng	98
84) Bis(2-ethylhexyl)phtha...	13.957	149	614365	51.397	ng	# 97
85) Di-n-octyl phthalate	14.568	149	948244	53.706	ng	98
87) Indeno(1,2,3-cd)pyrene	16.951	276	802740	47.100	ng	100
88) Benzo(b)fluoranthene	15.010	252	780784	46.549	ng	98
89) Benzo(k)fluoranthene	15.045	252	693016	43.841	ng	99
90) Benzo(a)pyrene	15.380	252	638346	46.083	ng	99
91) Dibenzo(a,h)anthracene	16.974	278	670907	48.051	ng	99
92) Benzo(g,h,i)perylene	17.409	276	650613	45.399	ng	98

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



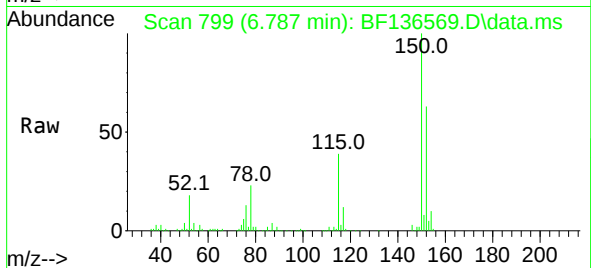
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.787 min Scan# 79
Delta R.T. -0.017 min
Lab File: BF136569.D
Acq: 14 Dec 2023 15:35

Instrument :

BNA_F

ClientSampleId :

PB157641BSD



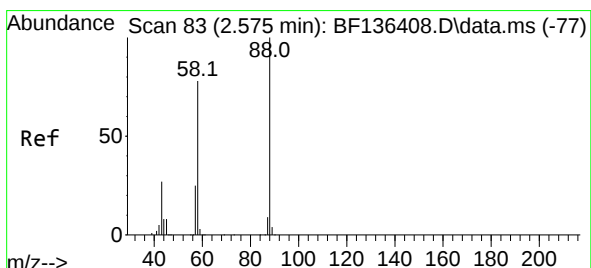
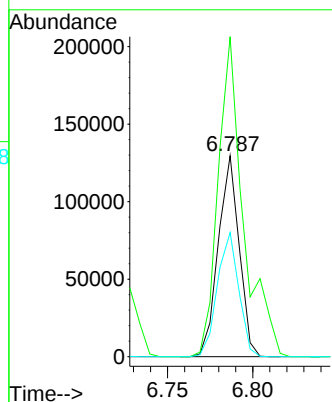
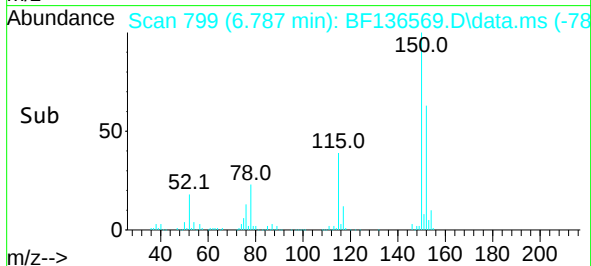
Tgt Ion:152 Resp: 11058
Ion Ratio Lower Upper
152 100
150 159.2 126.4 189.6
115 61.8 48.2 72.4

Manual Integrations

APPROVED

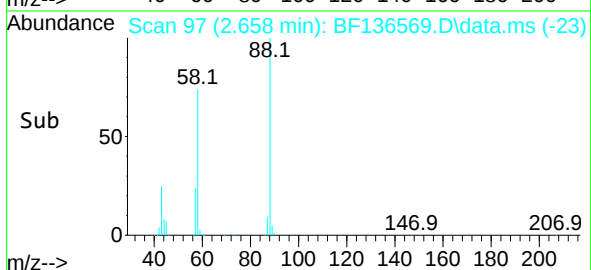
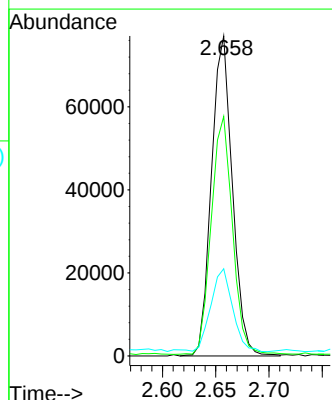
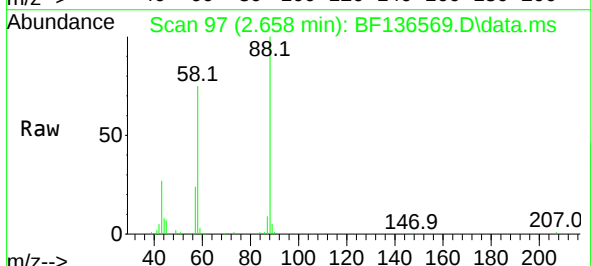
Reviewed By :Yogesh Patel 12/15/2023

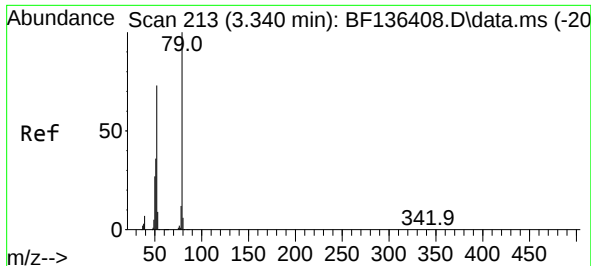
Supervised By :mohammad ahmed 12/15/2023



#2
1,4-Dioxane
Concen: 35.490 ng
RT: 2.658 min Scan# 97
Delta R.T. 0.082 min
Lab File: BF136569.D
Acq: 14 Dec 2023 15:35

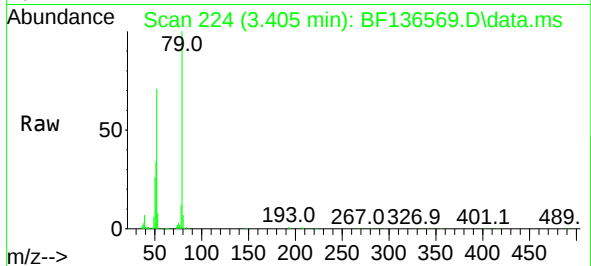
Tgt Ion: 88 Resp: 105108
Ion Ratio Lower Upper
88 100
58 75.2 62.2 93.2
43 27.4 21.5 32.3





#3
Pyridine
Concen: 38.055 ng
RT: 3.405 min Scan# 21
Delta R.T. 0.065 min
Lab File: BF136569.D
Acq: 14 Dec 2023 15:35

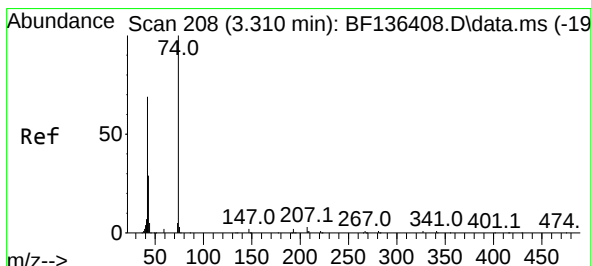
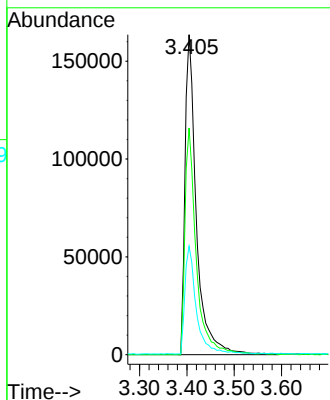
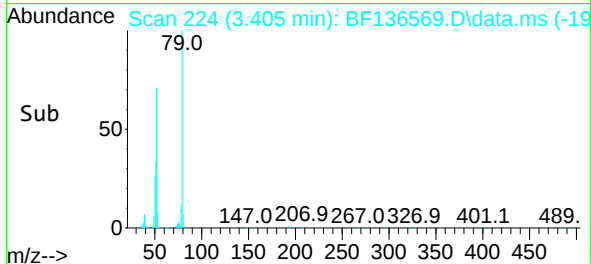
Instrument :
BNA_F
ClientSampleId :
PB157641BSD



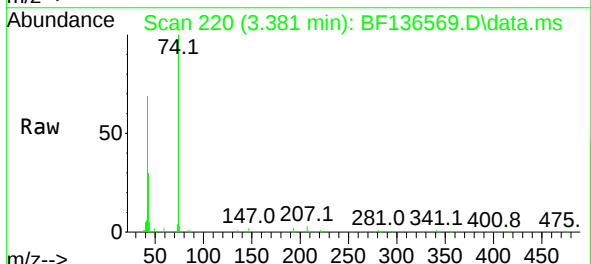
Tgt Ion: 79 Resp: 272938
Ion Ratio Lower Upper
79 100
52 70.8 58.2 87.2
51 33.9 29.1 43.7

Manual Integrations
APPROVED

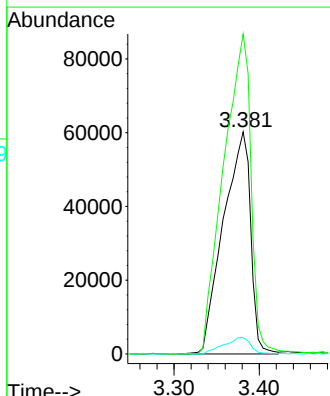
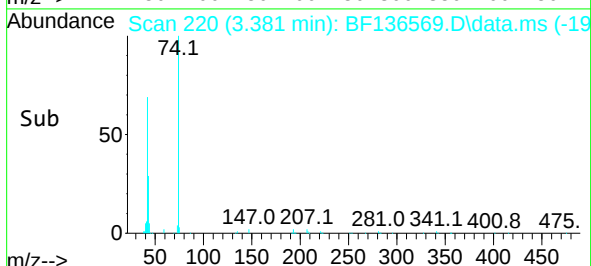
Reviewed By :Yogesh Patel 12/15/2023
Supervised By :mohammad ahmed 12/15/2023

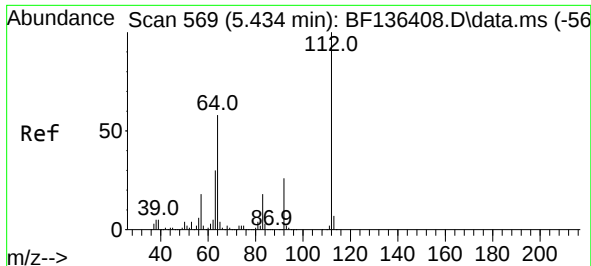


#4
n-Nitrosodimethylamine
Concen: 42.939 ng
RT: 3.381 min Scan# 220
Delta R.T. 0.071 min
Lab File: BF136569.D
Acq: 14 Dec 2023 15:35



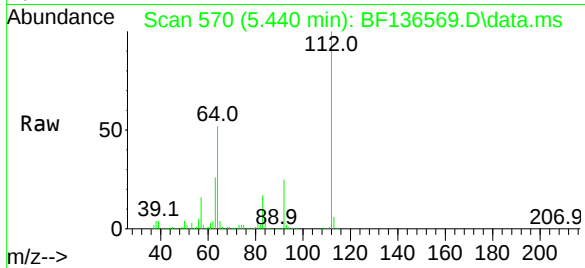
Tgt Ion: 42 Resp: 133799
Ion Ratio Lower Upper
42 100
74 144.1 115.4 173.0
44 7.3 6.2 9.2





#5
2-Fluorophenol
Concen: 86.720 ng
RT: 5.440 min Scan# 51
Delta R.T. 0.006 min
Lab File: BF136569.D
Acq: 14 Dec 2023 15:35

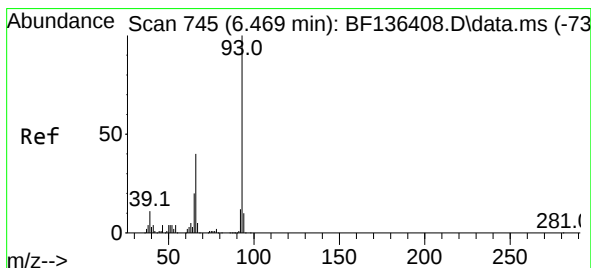
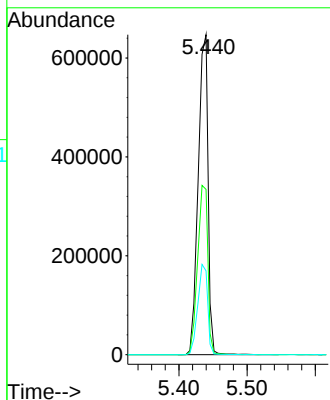
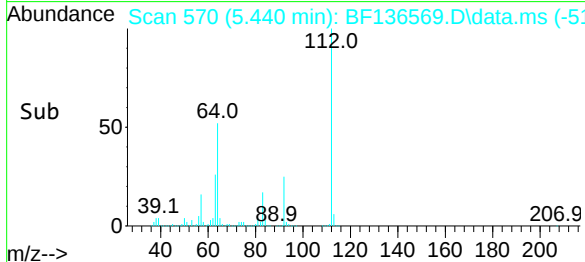
Instrument :
BNA_F
ClientSampleId :
PB157641BSD



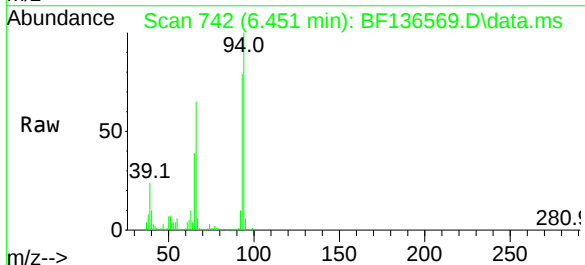
Tgt Ion: 112 Resp: 649334
Ion Ratio Lower Upper
112 100
64 51.6 46.5 69.7
63 26.2 23.9 35.9

Manual Integrations
APPROVED

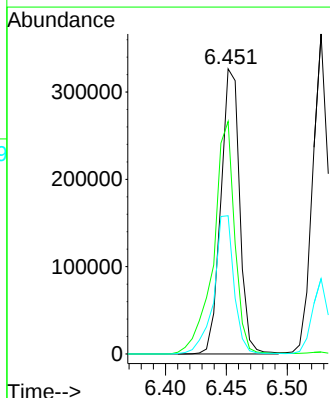
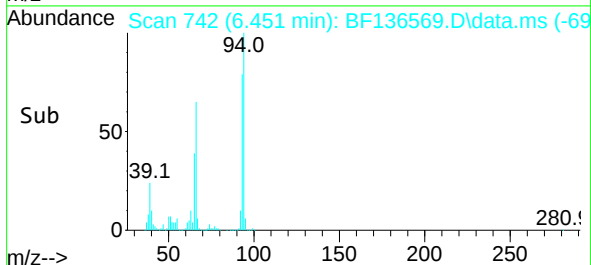
Reviewed By :Yogesh Patel 12/15/2023
Supervised By :mohammad ahmed 12/15/2023

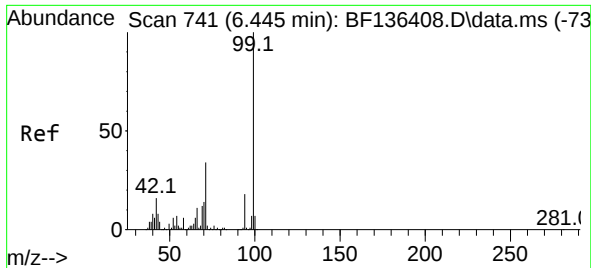


#6
Aniline
Concen: 37.176 ng
RT: 6.451 min Scan# 742
Delta R.T. -0.018 min
Lab File: BF136569.D
Acq: 14 Dec 2023 15:35



Tgt Ion: 93 Resp: 350989
Ion Ratio Lower Upper
93 100
66 81.5 32.5 48.7#
65 48.5 16.4 24.6#





#7

Phenol-d6

Concen: 86.411 ng

RT: 6.434 min Scan# 71

Delta R.T. -0.012 min

Lab File: BF136569.D

Acq: 14 Dec 2023 15:35

Instrument :

BNA_F

ClientSampleId :

PB157641BSD

Tgt Ion: 99 Resp: 80726

Ion Ratio Lower Upper

99 100

42 15.3 12.8 19.2

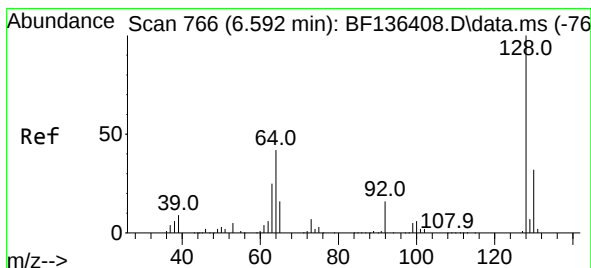
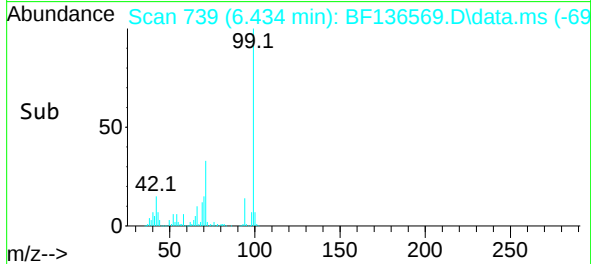
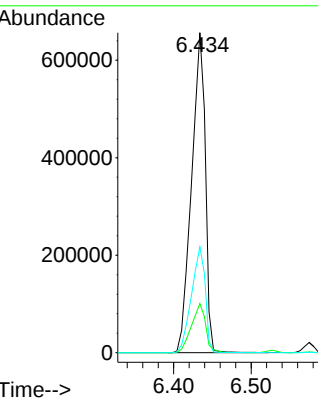
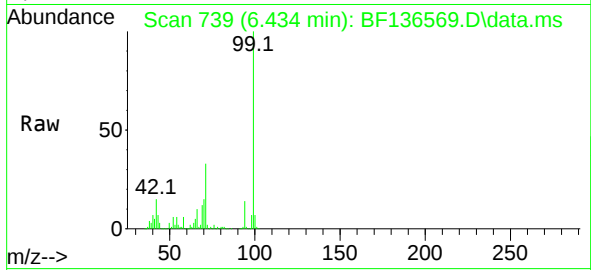
71 33.0 27.0 40.4

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 12/15/2023

Supervised By :mohammad ahmed 12/15/2023



#8

2-Chlorophenol

Concen: 45.503 ng

RT: 6.575 min Scan# 763

Delta R.T. -0.018 min

Lab File: BF136569.D

Acq: 14 Dec 2023 15:35

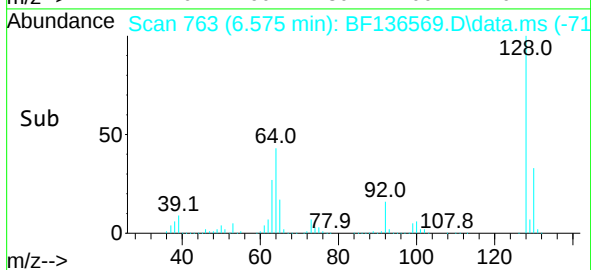
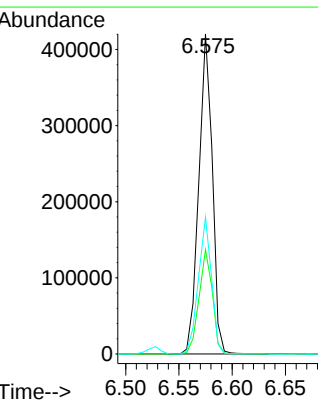
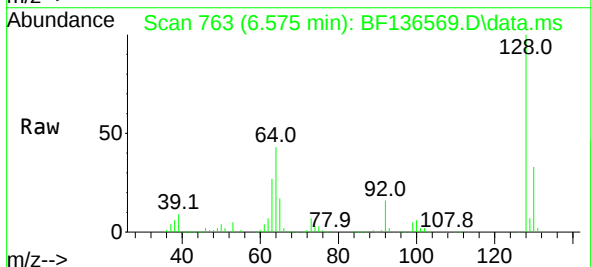
Tgt Ion:128 Resp: 371955

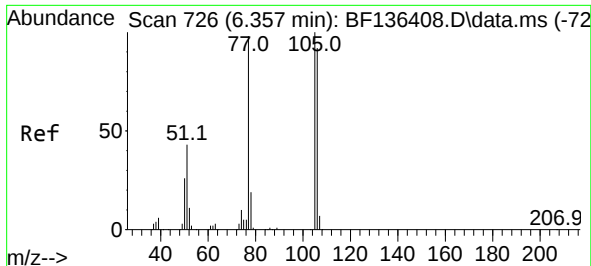
Ion Ratio Lower Upper

128 100

130 32.6 11.7 51.7

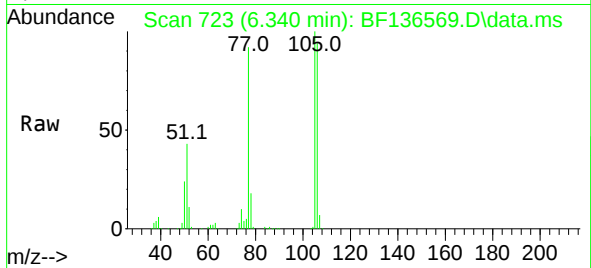
64 42.8 22.5 62.5





#9
Benzaldehyde
Concen: 24.257 ng
RT: 6.340 min Scan# 71
Delta R.T. -0.018 min
Lab File: BF136569.D
Acq: 14 Dec 2023 15:35

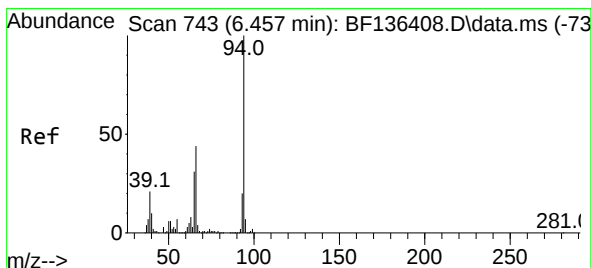
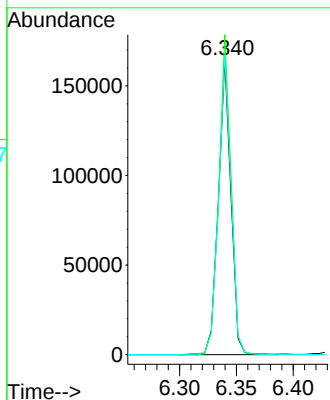
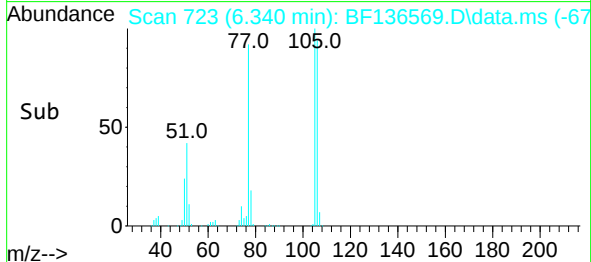
Instrument :
BNA_F
ClientSampleId :
PB157641BSD



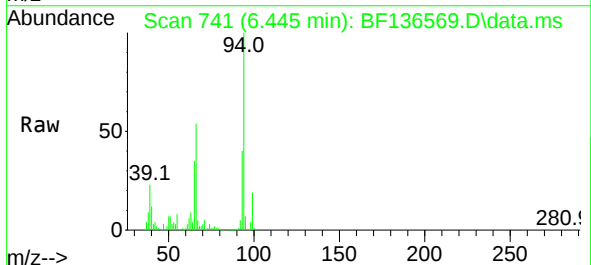
Tgt Ion: 77 Resp: 126070
Ion Ratio Lower Upper
77 100
105 108.3 82.5 122.5
106 101.6 74.5 114.5

Manual Integrations
APPROVED

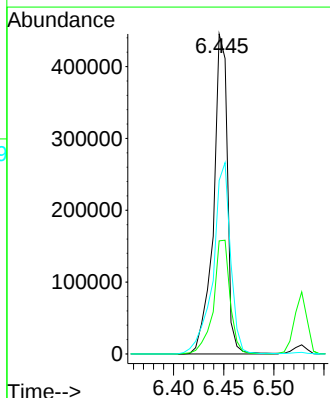
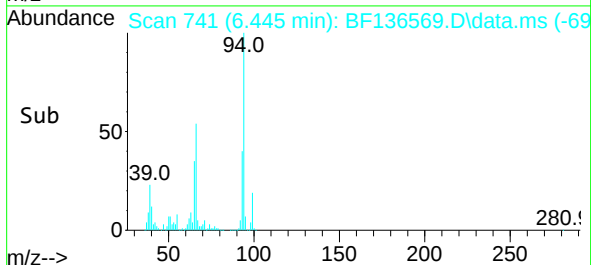
Reviewed By :Yogesh Patel 12/15/2023
Supervised By :mohammad ahmed 12/15/2023



#10
Phenol
Concen: 43.574 ng
RT: 6.445 min Scan# 741
Delta R.T. -0.012 min
Lab File: BF136569.D
Acq: 14 Dec 2023 15:35



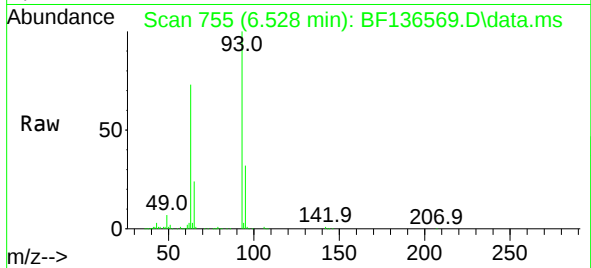
Tgt Ion: 94 Resp: 433161
Ion Ratio Lower Upper
94 100
65 35.4 11.2 51.2
66 54.2 24.2 64.2





#11
bis(2-Chloroethyl)ether
Concen: 43.366 ng
RT: 6.528 min Scan# 758
Delta R.T. -0.018 min
Lab File: BF136569.D
Acq: 14 Dec 2023 15:35

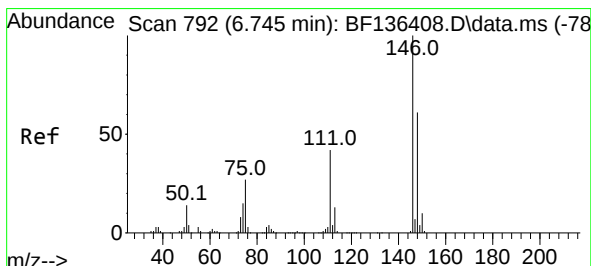
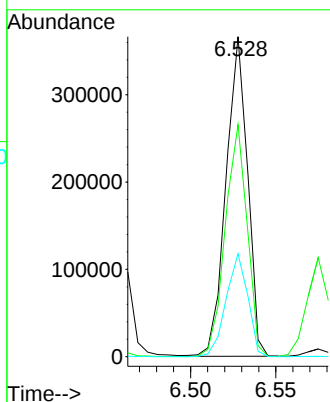
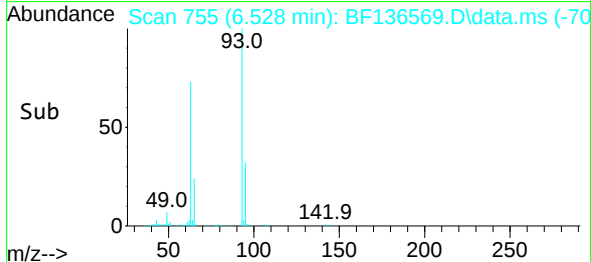
Instrument :
BNA_F
ClientSampleId :
PB157641BSD



Tgt Ion: 93 Resp: 321329
Ion Ratio Lower Upper
93 100
63 72.6 56.8 96.8
95 32.2 11.8 51.8

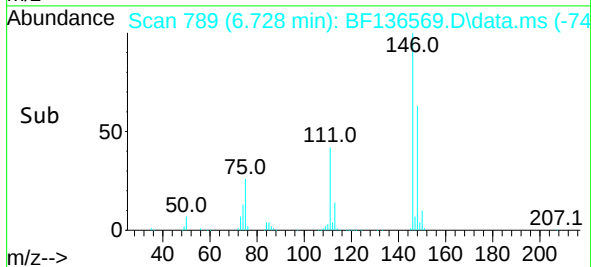
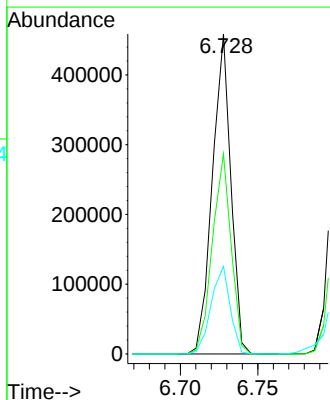
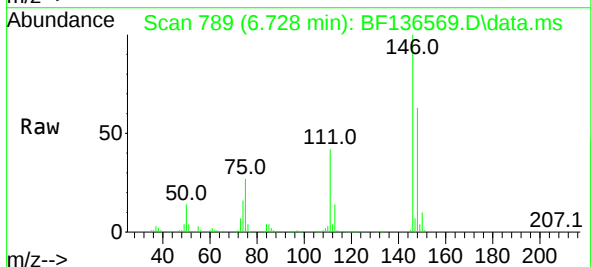
Manual Integrations
APPROVED

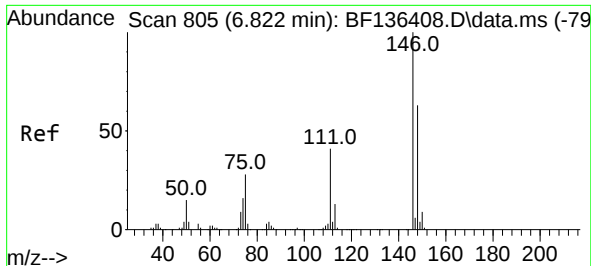
Reviewed By :Yogesh Patel 12/15/2023
Supervised By :mohammad ahmed 12/15/2023



#12
1,3-Dichlorobenzene
Concen: 41.391 ng
RT: 6.728 min Scan# 789
Delta R.T. -0.018 min
Lab File: BF136569.D
Acq: 14 Dec 2023 15:35

Tgt Ion:146 Resp: 380504
Ion Ratio Lower Upper
146 100
148 62.6 49.0 73.6
75 27.4 21.8 32.6





#13

1,4-Dichlorobenzene

Concen: 41.343 ng

RT: 6.804 min Scan# 80

Delta R.T. -0.018 min

Lab File: BF136569.D

Acq: 14 Dec 2023 15:35

Instrument :

BNA_F

ClientSampleId :

PB157641BSD

Tgt Ion:146 Resp: 38553

Ion Ratio Lower Upper

146 100

148 64.6 50.3 75.5

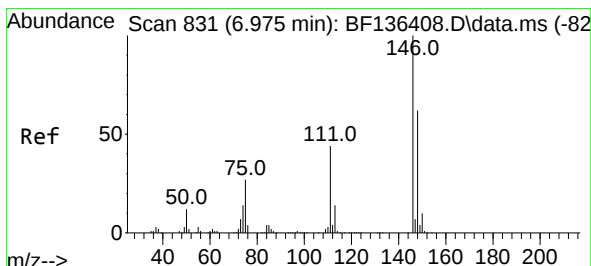
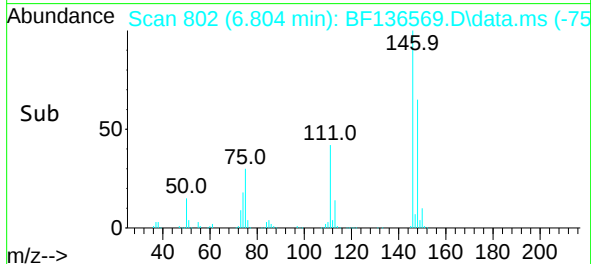
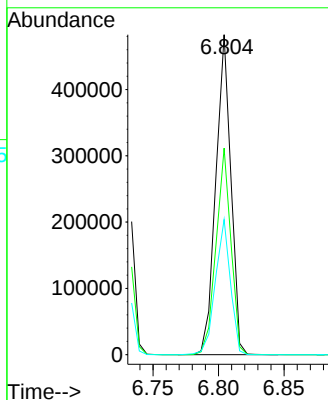
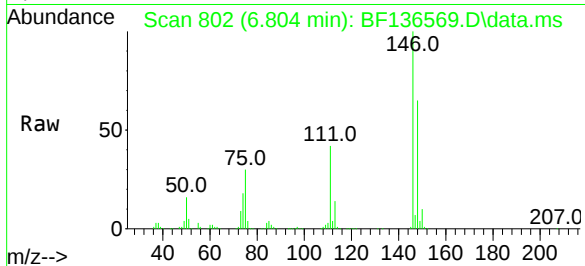
111 42.2 32.6 49.0

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 12/15/2023

Supervised By :mohammad ahmed 12/15/2023



#14

1,2-Dichlorobenzene

Concen: 42.075 ng

RT: 6.957 min Scan# 828

Delta R.T. -0.018 min

Lab File: BF136569.D

Acq: 14 Dec 2023 15:35

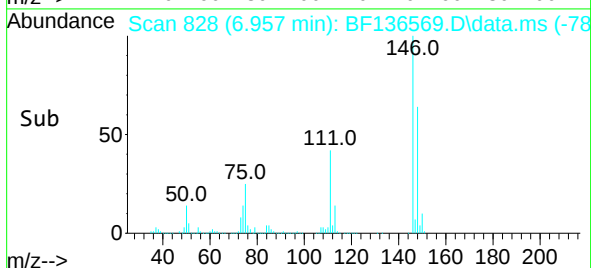
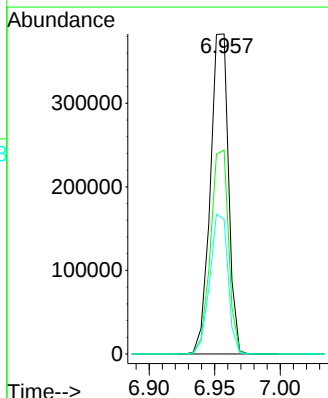
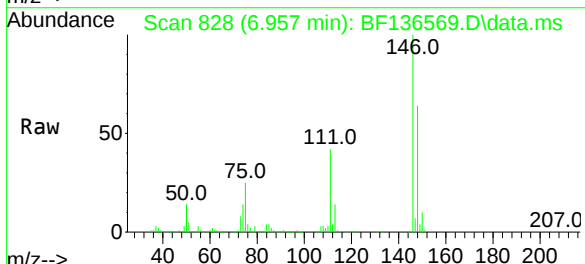
Tgt Ion:146 Resp: 368961

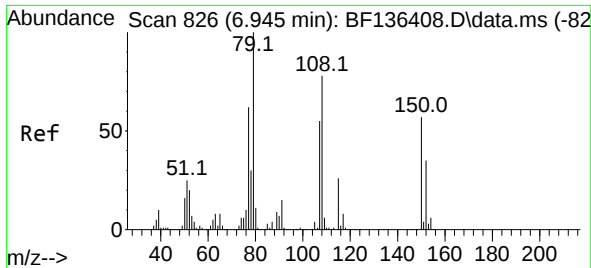
Ion Ratio Lower Upper

146 100

148 63.7 49.8 74.6

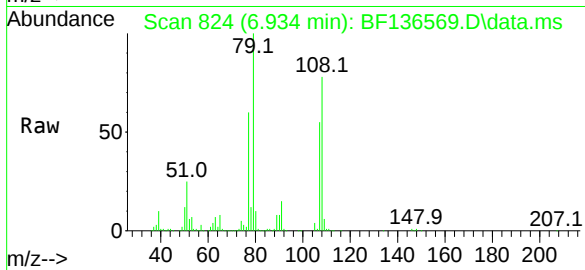
111 42.1 34.9 52.3





#15
Benzyl Alcohol
Concen: 46.753 ng
RT: 6.934 min Scan# 81
Delta R.T. -0.012 min
Lab File: BF136569.D
Acq: 14 Dec 2023 15:35

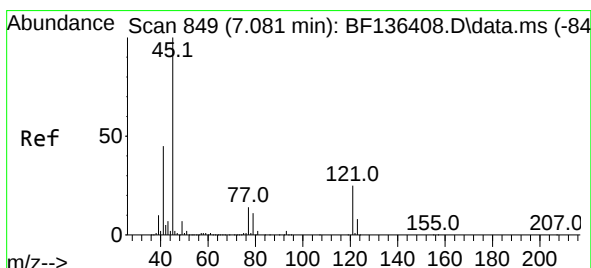
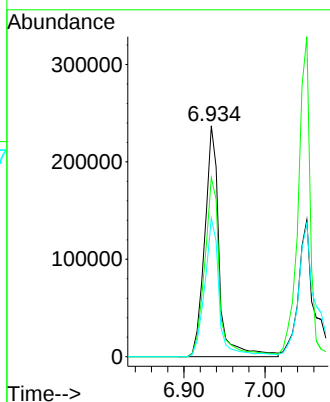
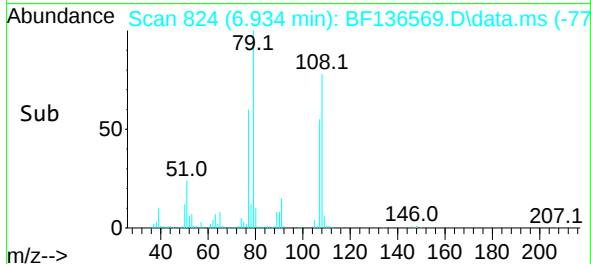
Instrument :
BNA_F
ClientSampleId :
PB157641BSD



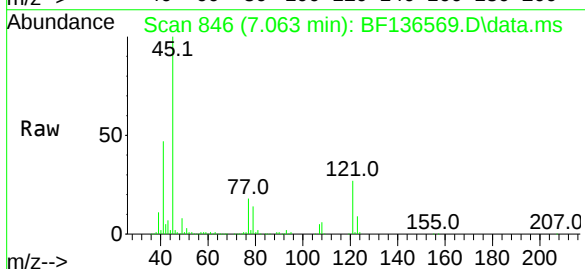
Tgt Ion: 79 Resp: 29247
Ion Ratio Lower Upper
79 100
108 77.5 62.3 93.5
77 60.1 49.8 74.8

Manual Integrations
APPROVED

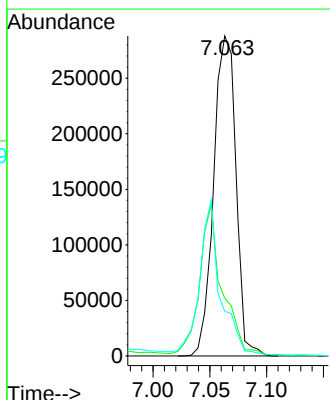
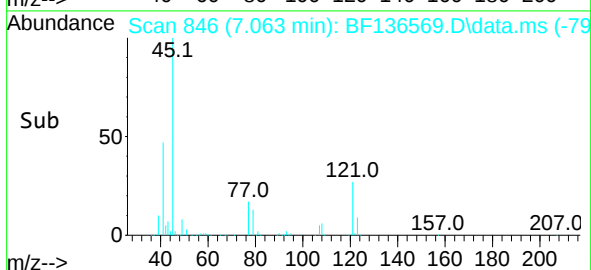
Reviewed By :Yogesh Patel 12/15/2023
Supervised By :mohammad ahmed 12/15/2023

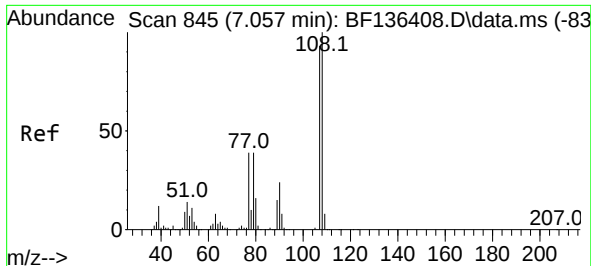


#16
2,2'-oxybis(1-Chloropropane)
Concen: 41.263 ng
RT: 7.063 min Scan# 846
Delta R.T. -0.018 min
Lab File: BF136569.D
Acq: 14 Dec 2023 15:35



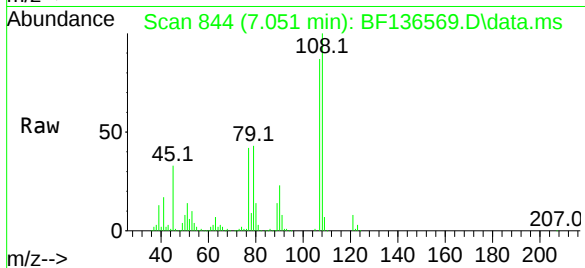
Tgt Ion: 45 Resp: 393237
Ion Ratio Lower Upper
45 100
77 18.1 0.0 35.3
79 13.9 0.0 32.5





#17
2-Methylphenol
Concen: 44.951 ng
RT: 7.051 min Scan# 844
Delta R.T. -0.006 min
Lab File: BF136569.D
Acq: 14 Dec 2023 15:35

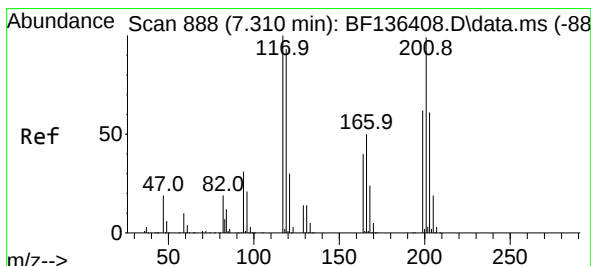
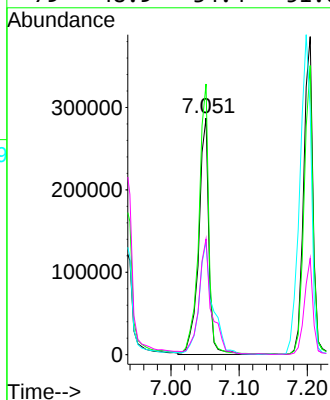
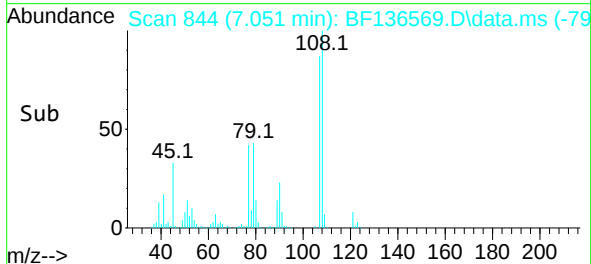
Instrument :
BNA_F
ClientSampleId :
PB157641BSD



Tgt Ion:107 Resp: 296859
Ion Ratio Lower Upper
107 100
108 114.4 86.5 129.7
77 47.7 33.8 50.8
79 48.9 34.4 51.6

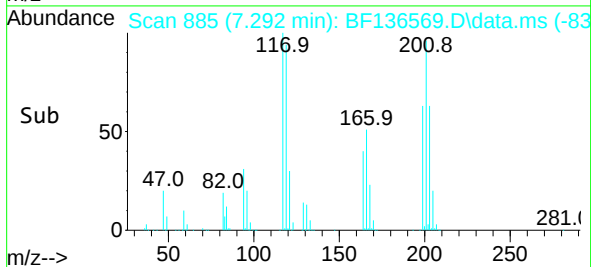
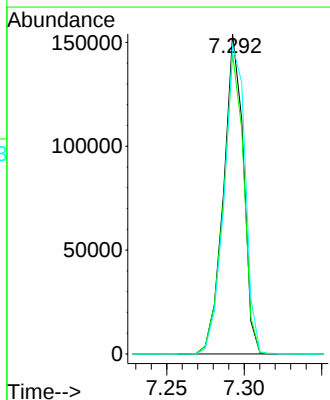
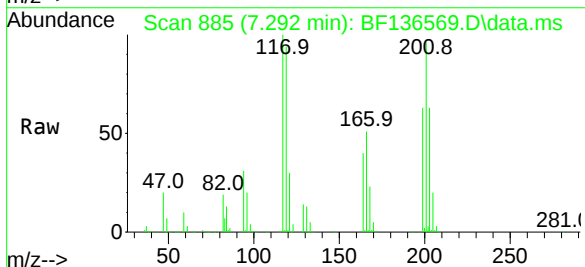
Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 12/15/2023
Supervised By :mohammad ahmed 12/15/2023



#18
Hexachloroethane
Concen: 42.075 ng
RT: 7.292 min Scan# 885
Delta R.T. -0.018 min
Lab File: BF136569.D
Acq: 14 Dec 2023 15:35

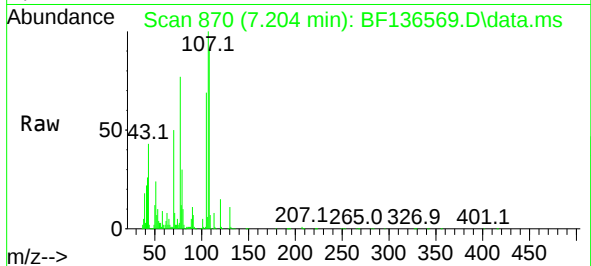
Tgt Ion:117 Resp: 136988
Ion Ratio Lower Upper
117 100
119 93.8 74.3 111.5
201 96.4 79.3 118.9





#19
n-Nitroso-di-n-propylamine
Concen: 43.404 ng
RT: 7.204 min Scan# 81
Delta R.T. -0.018 min
Lab File: BF136569.D
Acq: 14 Dec 2023 15:35

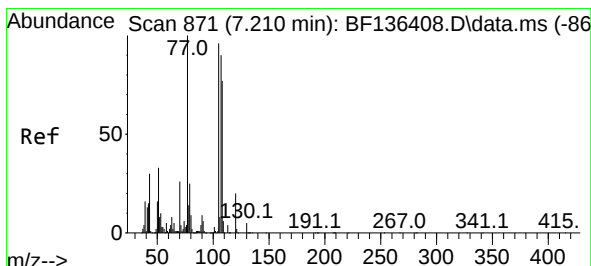
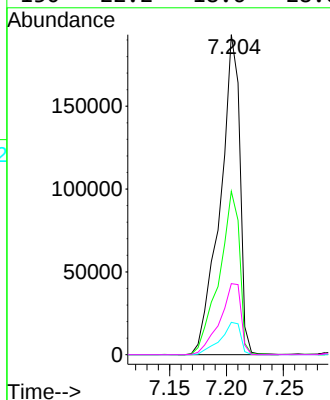
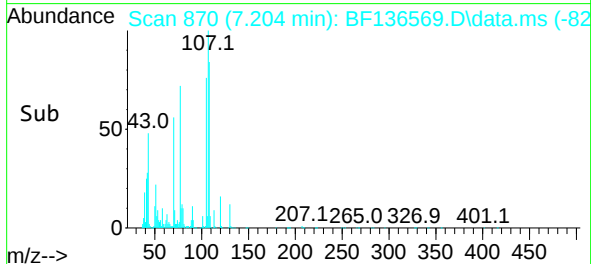
Instrument :
BNA_F
ClientSampleId :
PB157641BSD



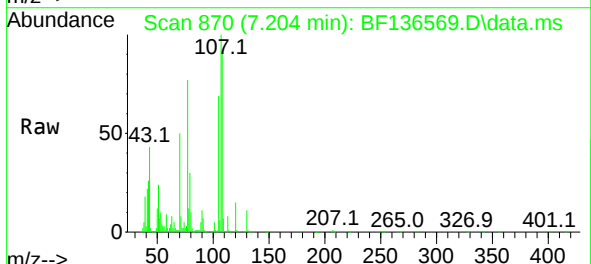
Tgt Ion: 70 Resp: 233904
Ion Ratio Lower Upper
70 100
42 51.0 41.4 62.0
101 10.1 8.2 12.4
130 22.2 18.6 28.0

Manual Integrations
APPROVED

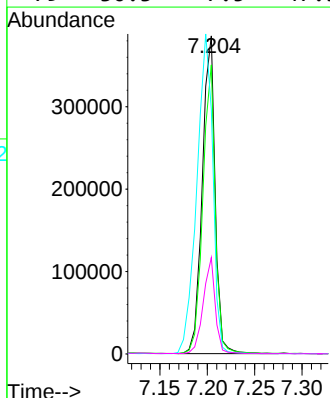
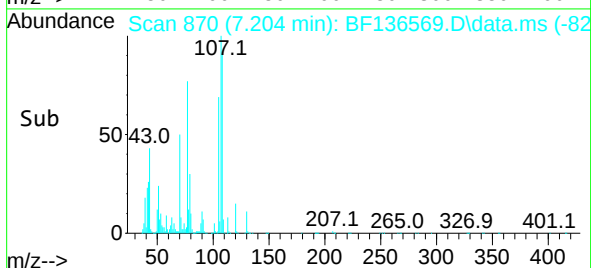
Reviewed By :Yogesh Patel 12/15/2023
Supervised By :mohammad ahmed 12/15/2023

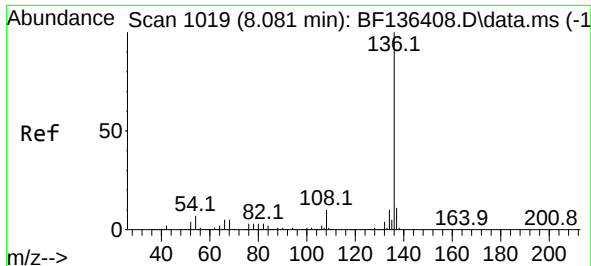


#20
3+4-Methylphenols
Concen: 44.443 ng
RT: 7.204 min Scan# 870
Delta R.T. -0.006 min
Lab File: BF136569.D
Acq: 14 Dec 2023 15:35



Tgt Ion:107 Resp: 364311
Ion Ratio Lower Upper
107 100
108 90.9 65.9 105.9
77 76.9 91.7 131.7#
79 30.3 7.5 47.5





#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.069 min Scan# 1019
Delta R.T. -0.012 min
Lab File: BF136569.D
Acq: 14 Dec 2023 15:35

Instrument :

BNA_F

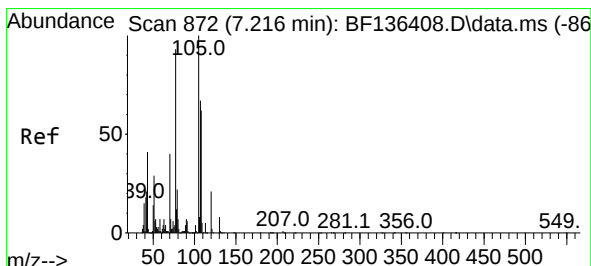
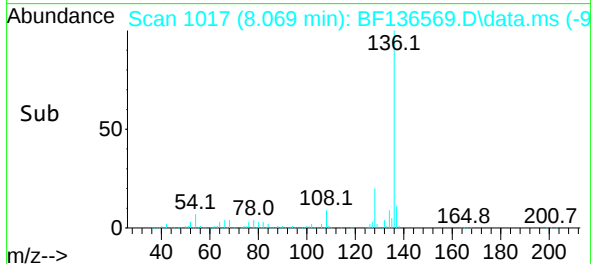
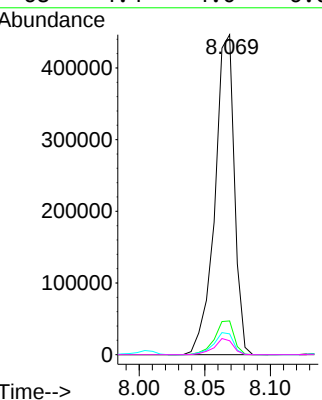
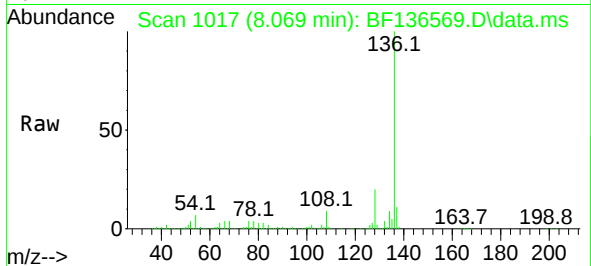
ClientSampleId :

PB157641BSD

Tgt Ion:136 Resp: 46134
Ion Ratio Lower Upper
136 100
137 10.6 8.6 12.8
54 6.5 5.7 8.5
68 4.4 4.0 6.0

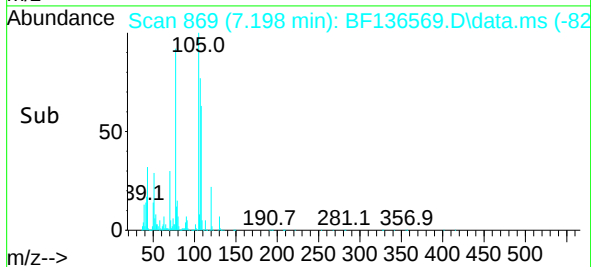
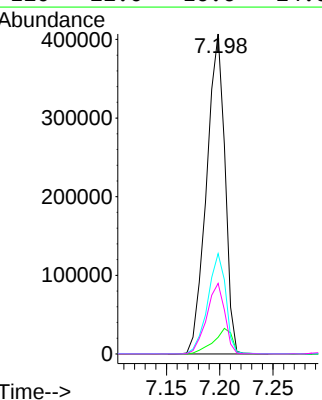
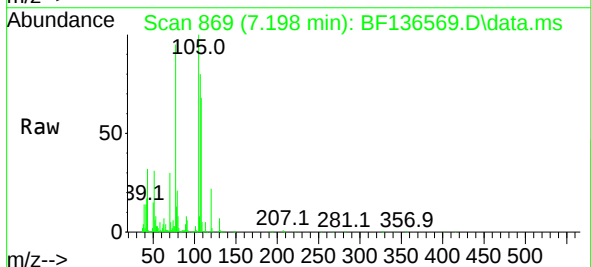
Manual Integrations
APPROVED

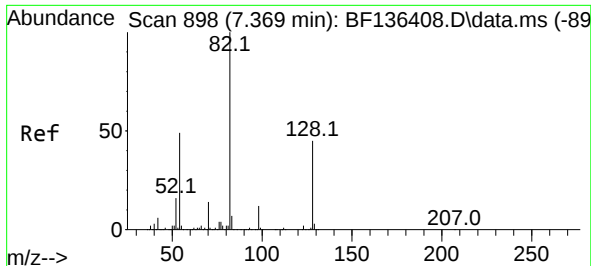
Reviewed By :Yogesh Patel 12/15/2023
Supervised By :mohammad ahmed 12/15/2023



#22
Acetophenone
Concen: 42.818 ng
RT: 7.198 min Scan# 869
Delta R.T. -0.018 min
Lab File: BF136569.D
Acq: 14 Dec 2023 15:35

Tgt Ion:105 Resp: 487790
Ion Ratio Lower Upper
105 100
71 5.2 5.4 8.0#
51 31.4 23.4 35.2
120 22.0 16.6 24.8





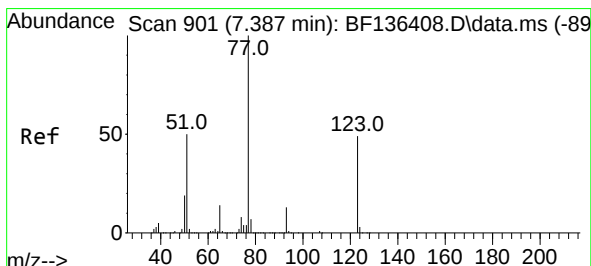
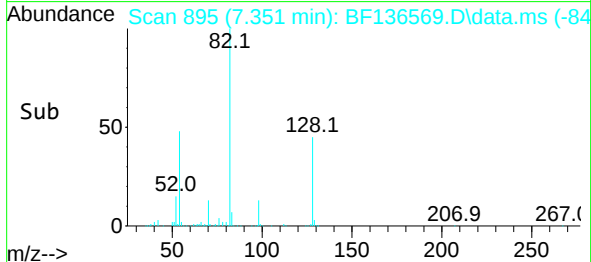
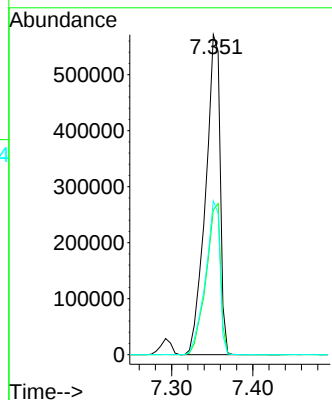
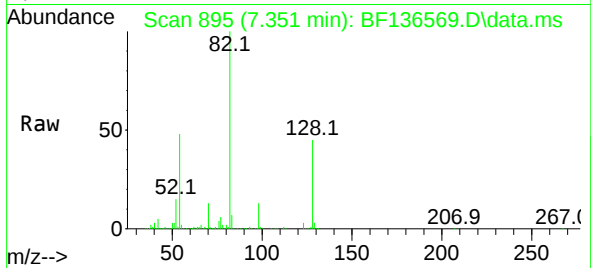
#23
Nitrobenzene-d5
Concen: 83.135 ng
RT: 7.351 min Scan# 895
Delta R.T. -0.018 min
Lab File: BF136569.D
Acq: 14 Dec 2023 15:35

Instrument :
BNA_F
ClientSampleId :
PB157641BSD

Tgt Ion: 82 Resp: 70946
Ion Ratio Lower Upper
82 100
128 45.3 36.3 54.5
54 48.1 39.0 58.6

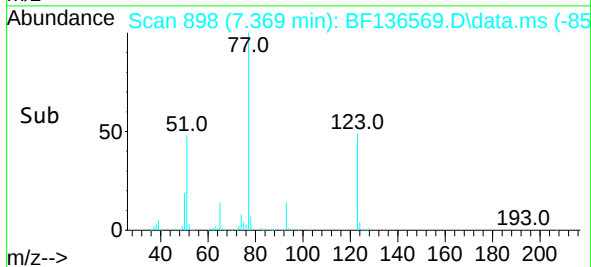
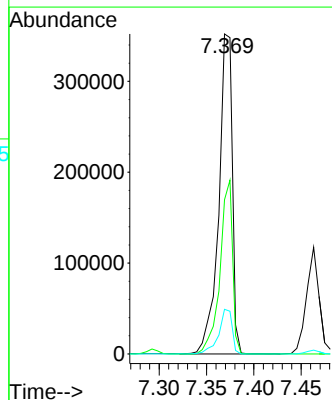
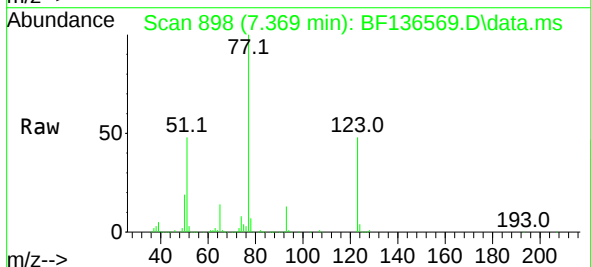
Manual Integrations
APPROVED

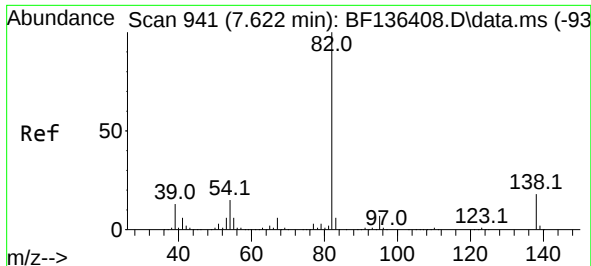
Reviewed By :Yogesh Patel 12/15/2023
Supervised By :mohammad ahmed 12/15/2023



#24
Nitrobenzene
Concen: 41.246 ng
RT: 7.369 min Scan# 898
Delta R.T. -0.018 min
Lab File: BF136569.D
Acq: 14 Dec 2023 15:35

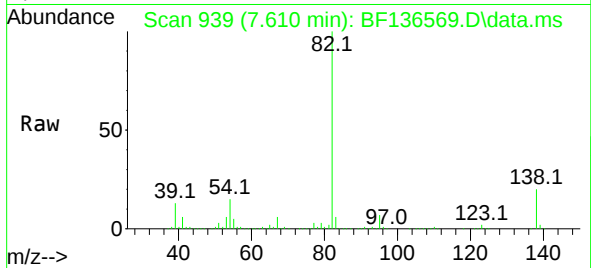
Tgt Ion: 77 Resp: 354086
Ion Ratio Lower Upper
77 100
123 48.2 39.0 58.6
65 14.0 11.3 16.9





#25
Isophorone
Concen: 42.499 ng
RT: 7.610 min Scan# 91
Delta R.T. -0.012 min
Lab File: BF136569.D
Acq: 14 Dec 2023 15:35

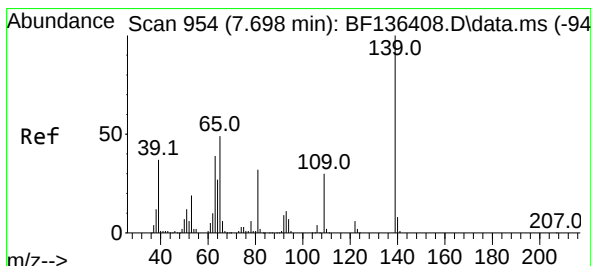
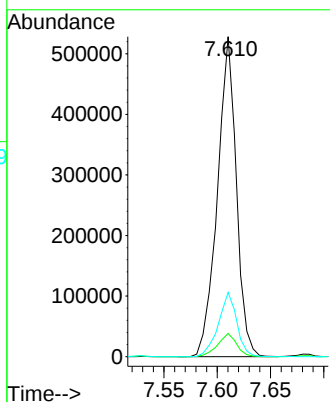
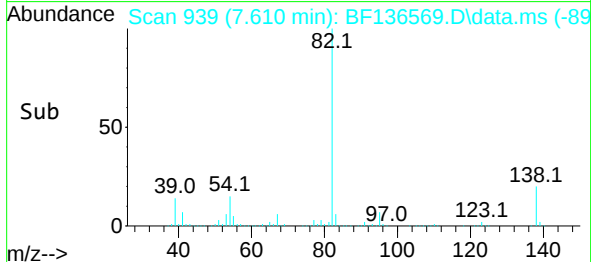
Instrument :
BNA_F
ClientSampleId :
PB157641BSD



Tgt Ion: 82 Resp: 651584
Ion Ratio Lower Upper
82 100
95 7.3 5.7 8.5
138 20.1 14.5 21.7

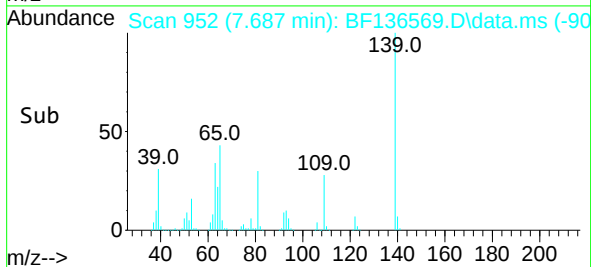
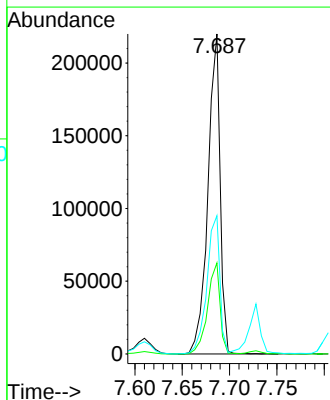
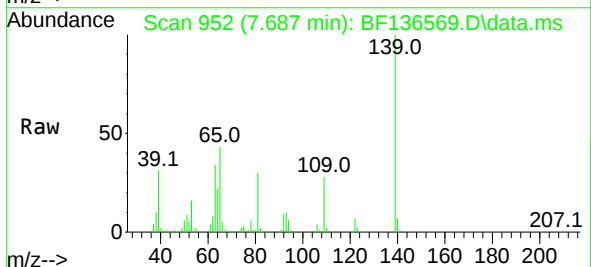
Manual Integrations
APPROVED

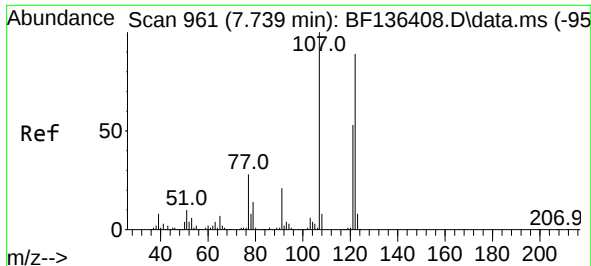
Reviewed By :Yogesh Patel 12/15/2023
Supervised By :mohammad ahmed 12/15/2023



#26
2-Nitrophenol
Concen: 46.559 ng
RT: 7.687 min Scan# 952
Delta R.T. -0.012 min
Lab File: BF136569.D
Acq: 14 Dec 2023 15:35

Tgt Ion:139 Resp: 196501
Ion Ratio Lower Upper
139 100
109 28.5 23.6 35.4
65 43.2 39.4 59.2





#27

2,4-Dimethylphenol

Concen: 62.957 ng

RT: 7.728 min Scan# 91

Delta R.T. -0.012 min

Lab File: BF136569.D

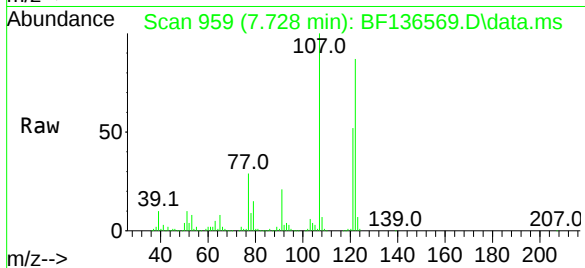
Acq: 14 Dec 2023 15:35

Instrument :

BNA_F

ClientSampleId :

PB157641BSD



Tgt Ion:122 Resp: 32763

Ion Ratio Lower Upper

122 100

107 114.7 89.3 133.9

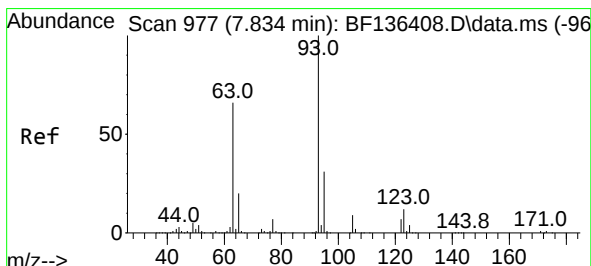
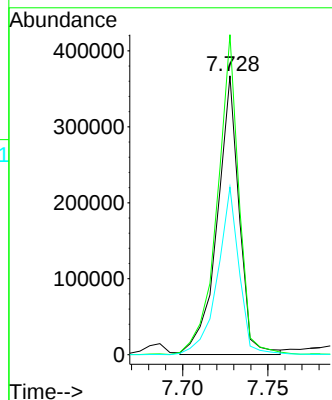
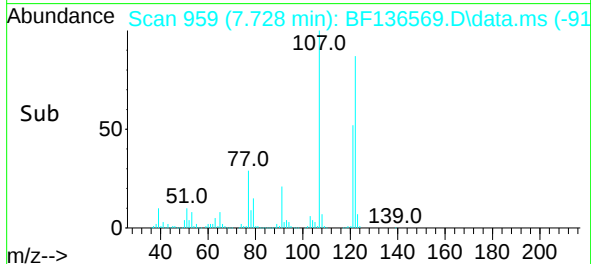
121 60.1 47.6 71.4

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 12/15/2023

Supervised By :mohammad ahmed 12/15/2023



#28

bis(2-Chloroethoxy)methane

Concen: 43.787 ng

RT: 7.822 min Scan# 975

Delta R.T. -0.012 min

Lab File: BF136569.D

Acq: 14 Dec 2023 15:35

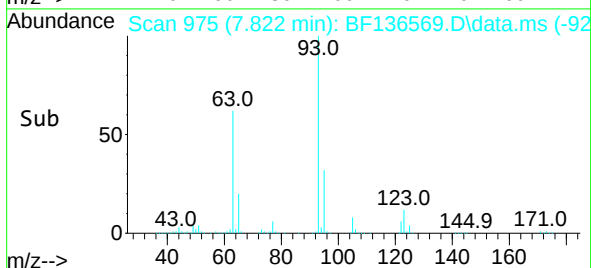
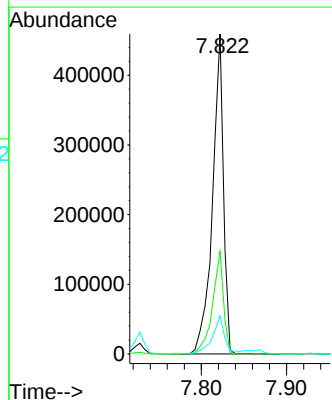
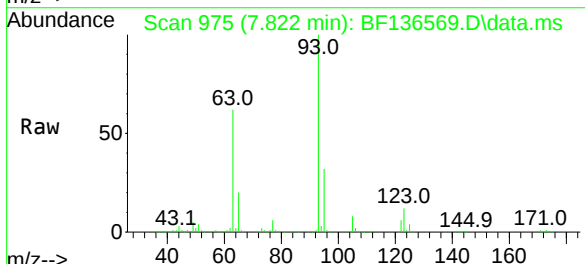
Tgt Ion: 93 Resp: 412528

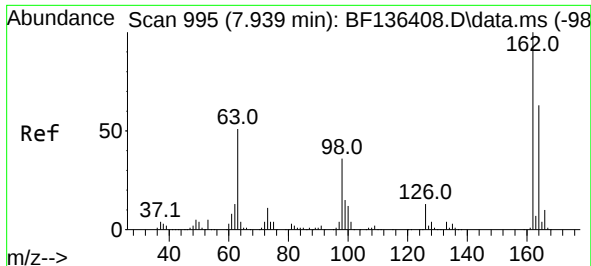
Ion Ratio Lower Upper

93 100

95 32.0 25.0 37.4

123 11.9 9.4 14.0





#29

2,4-Dichlorophenol

Concen: 45.424 ng

RT: 7.928 min Scan# 995

Delta R.T. -0.012 min

Lab File: BF136569.D

Acq: 14 Dec 2023 15:35

Instrument :

BNA_F

ClientSampleId :

PB157641BSD

Tgt Ion:162 Resp: 312018

Ion Ratio Lower Upper

162 100

164 62.3 43.0 83.0

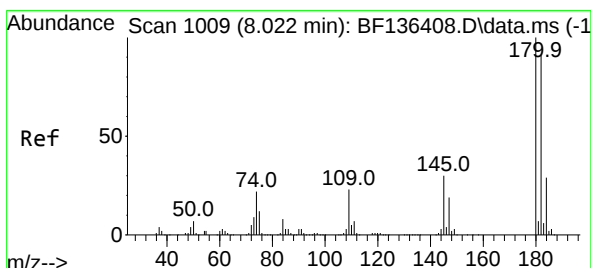
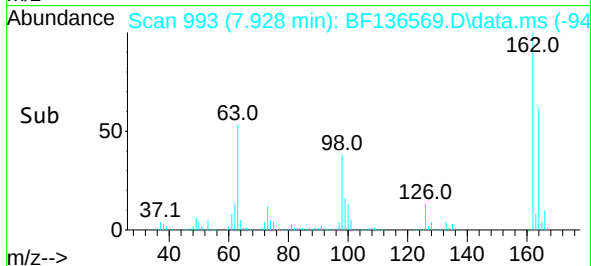
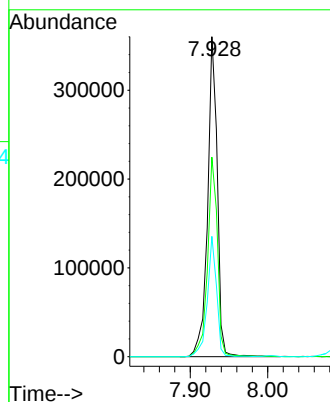
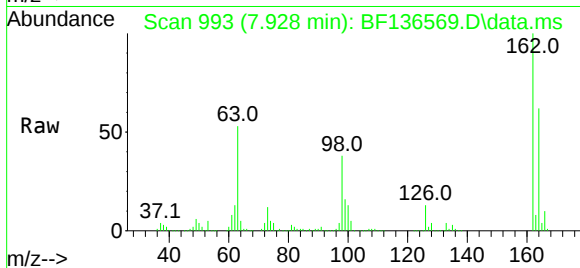
98 37.6 16.2 56.2

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 12/15/2023

Supervised By :mohammad ahmed 12/15/2023



#30

1,2,4-Trichlorobenzene

Concen: 42.460 ng

RT: 8.010 min Scan# 1007

Delta R.T. -0.012 min

Lab File: BF136569.D

Acq: 14 Dec 2023 15:35

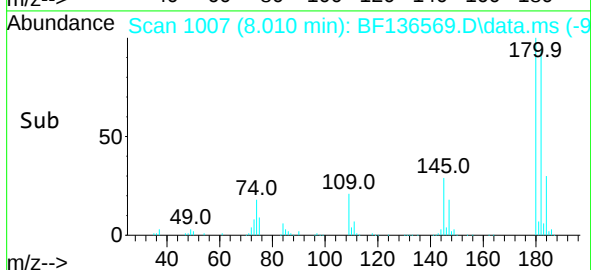
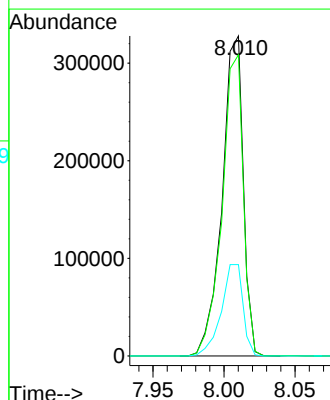
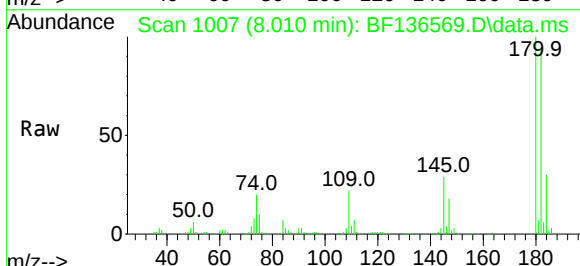
Tgt Ion:180 Resp: 340091

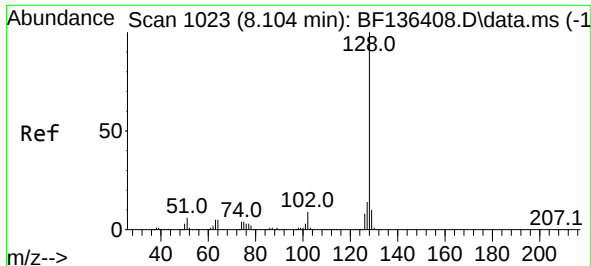
Ion Ratio Lower Upper

180 100

182 94.1 73.1 109.7

145 28.5 23.8 35.8





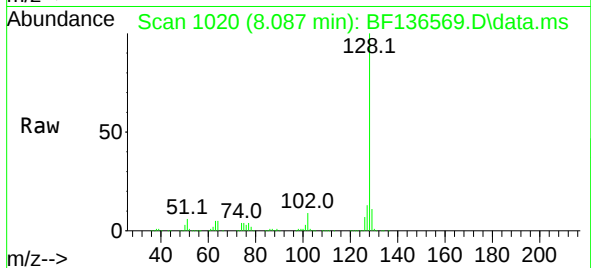
#31
Naphthalene
Concen: 42.108 ng
RT: 8.087 min Scan# 1023
Delta R.T. -0.018 min
Lab File: BF136569.D
Acq: 14 Dec 2023 15:35

Instrument :

BNA_F

ClientSampleId :

PB157641BSD



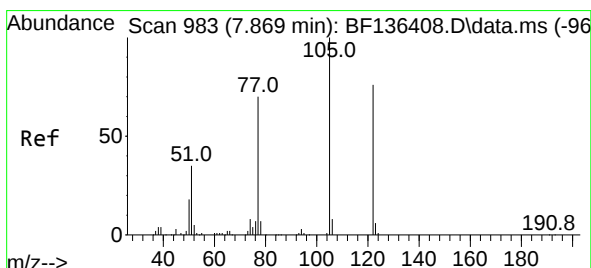
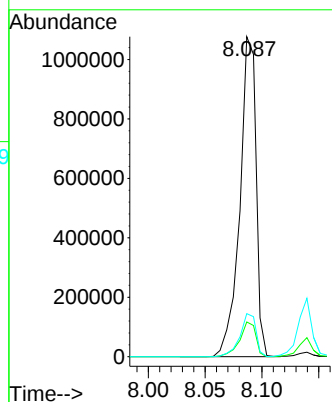
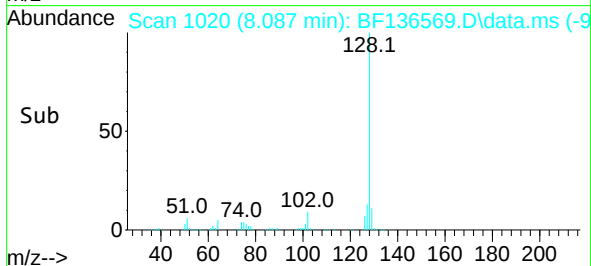
Tgt Ion:128 Resp: 1071270
Ion Ratio Lower Upper
128 100
129 10.9 8.3 12.5
127 13.5 11.1 16.7

Manual Integrations

APPROVED

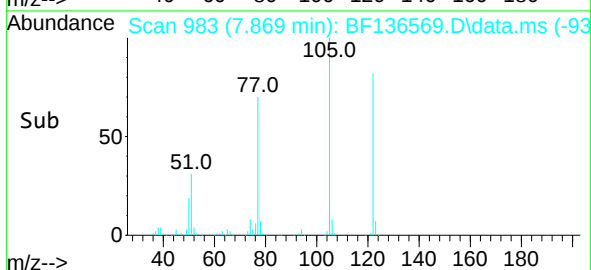
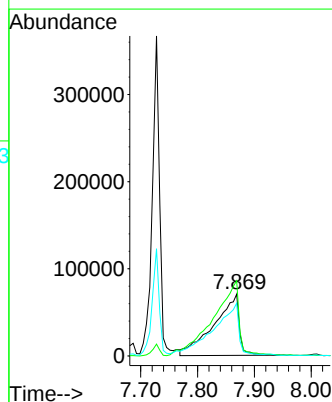
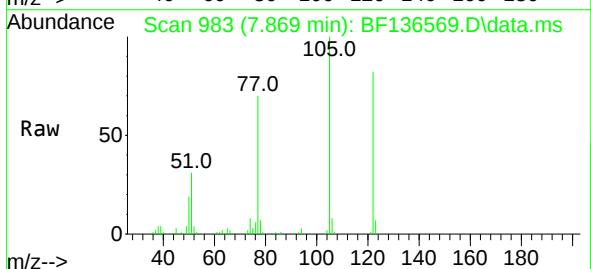
Reviewed By :Yogesh Patel 12/15/2023

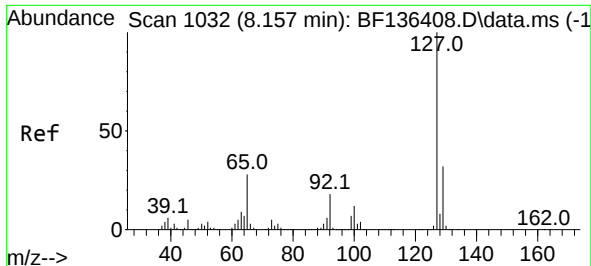
Supervised By :mohammad ahmed 12/15/2023



#32
Benzoic acid
Concen: 41.975 ng
RT: 7.869 min Scan# 983
Delta R.T. 0.000 min
Lab File: BF136569.D
Acq: 14 Dec 2023 15:35

Tgt Ion:122 Resp: 216694
Ion Ratio Lower Upper
122 100
105 121.7 104.7 144.7
77 85.5 68.5 108.5





#33
4-Chloroaniline
Concen: 18.910 ng
RT: 8.140 min Scan# 1029
Delta R.T. -0.018 min
Lab File: BF136569.D
Acq: 14 Dec 2023 15:35

Instrument :

BNA_F

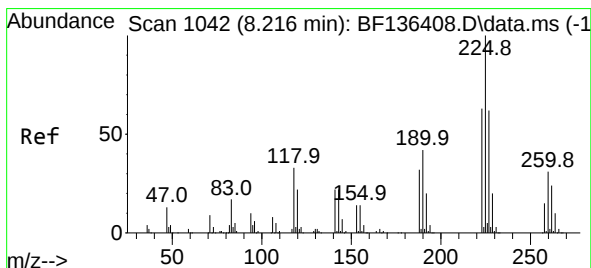
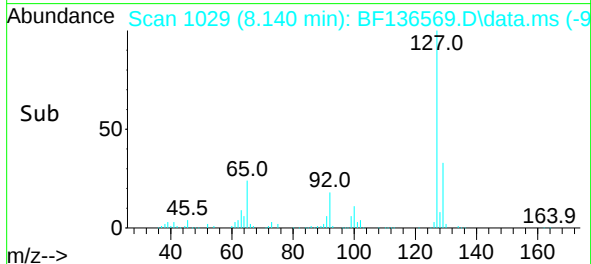
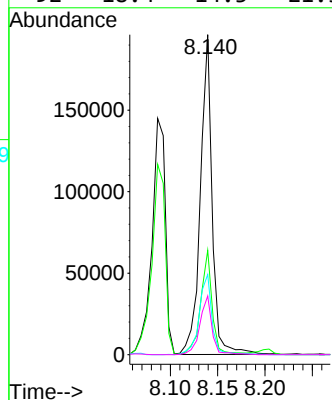
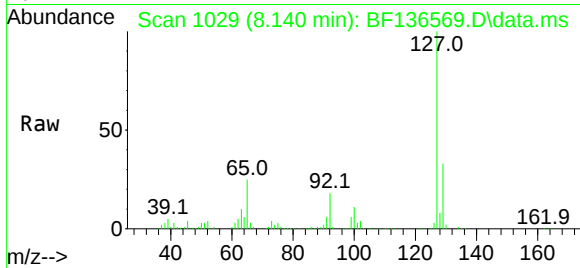
ClientSampleId :

PB157641BSD

Tgt Ion:127 Resp: 17151
Ion Ratio Lower Upper
127 100
129 32.6 25.4 38.2
65 25.1 22.5 33.7
92 18.4 14.3 21.5

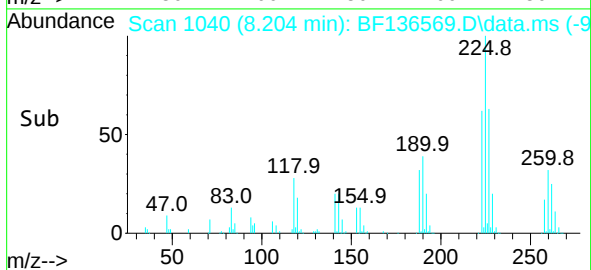
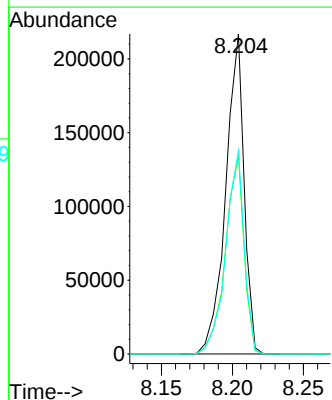
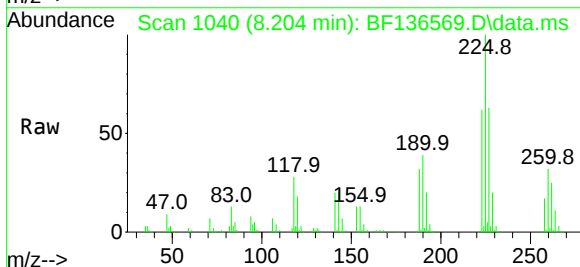
Manual Integrations
APPROVED

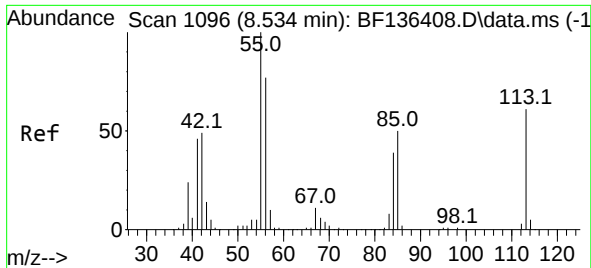
Reviewed By :Yogesh Patel 12/15/2023
Supervised By :mohammad ahmed 12/15/2023



#34
Hexachlorobutadiene
Concen: 41.127 ng
RT: 8.204 min Scan# 1040
Delta R.T. -0.012 min
Lab File: BF136569.D
Acq: 14 Dec 2023 15:35

Tgt Ion:225 Resp: 195228
Ion Ratio Lower Upper
225 100
223 62.0 50.8 76.2
227 63.5 49.8 74.8





#35
 Caprolactam
 Concen: 46.896 ng m
 RT: 8.522 min Scan# 1094
 Delta R.T. -0.012 min
 Lab File: BF136569.D
 Acq: 14 Dec 2023 15:35

Instrument :

BNA_F

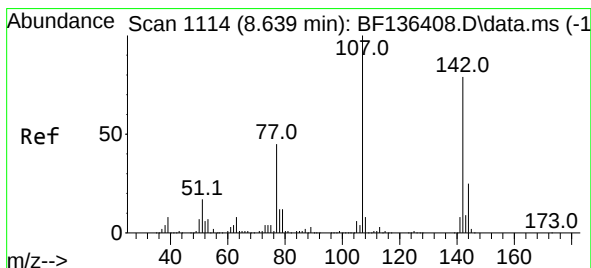
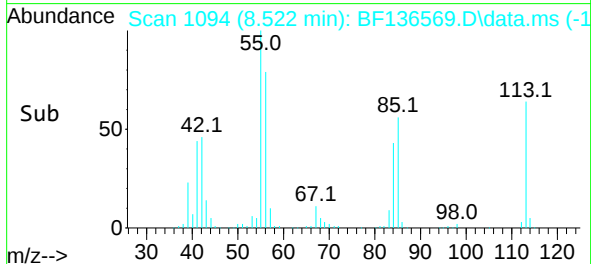
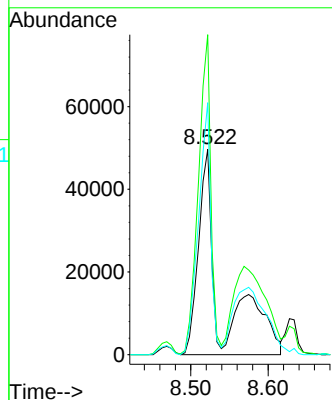
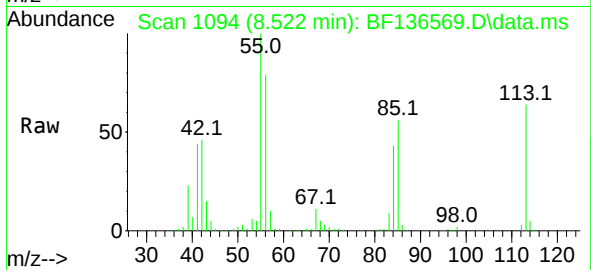
ClientSampleId :

PB157641BSD

Tgt Ion:113 Resp: 9920
 Ion Ratio Lower Upper
 113 100
 55 155.8 143.7 183.7
 56 122.7 105.2 145.2

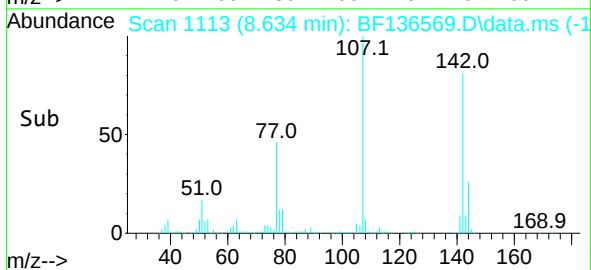
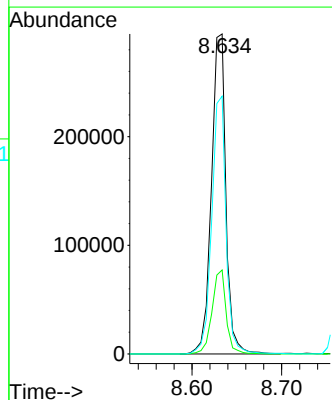
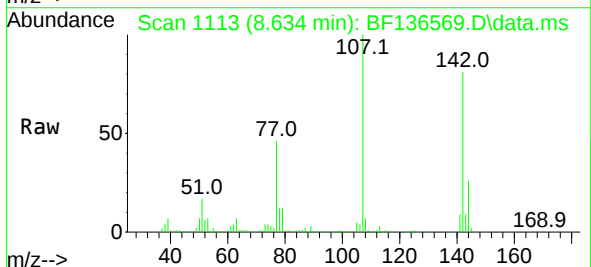
Manual Integrations
 APPROVED

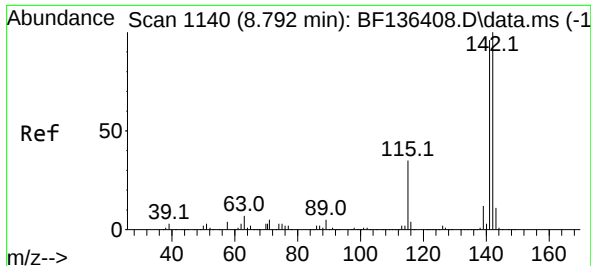
Reviewed By :Yogesh Patel 12/15/2023
 Supervised By :mohammad ahmed 12/15/2023



#36
 4-Chloro-3-methylphenol
 Concen: 45.317 ng
 RT: 8.634 min Scan# 1113
 Delta R.T. -0.006 min
 Lab File: BF136569.D
 Acq: 14 Dec 2023 15:35

Tgt Ion:107 Resp: 330515
 Ion Ratio Lower Upper
 107 100
 144 26.2 20.1 30.1
 142 80.5 63.1 94.7





#37

2-Methylnaphthalene

Concen: 43.421 ng

RT: 8.781 min Scan# 1138

Delta R.T. -0.012 min

Lab File: BF136569.D

Acq: 14 Dec 2023 15:35

Instrument :

BNA_F

ClientSampleId :

PB157641BSD

Tgt Ion:142 Resp: 70279

Ion Ratio Lower Upper

142 100

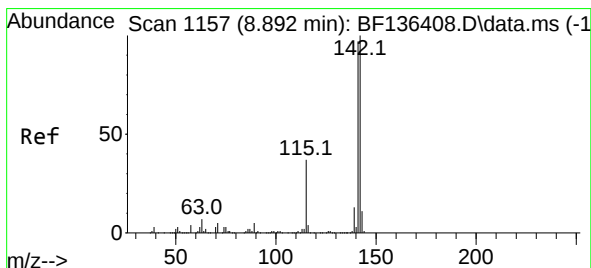
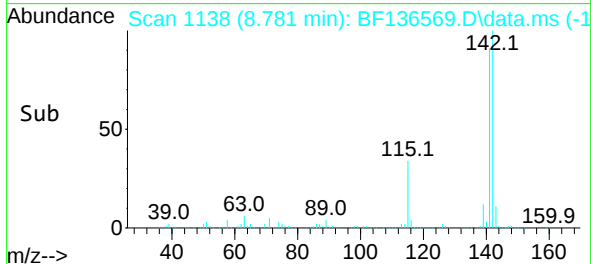
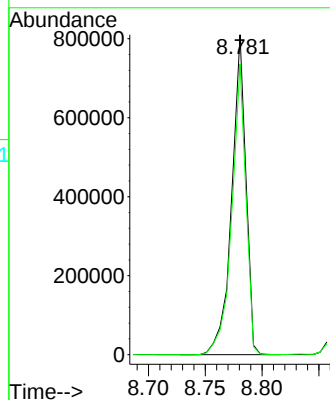
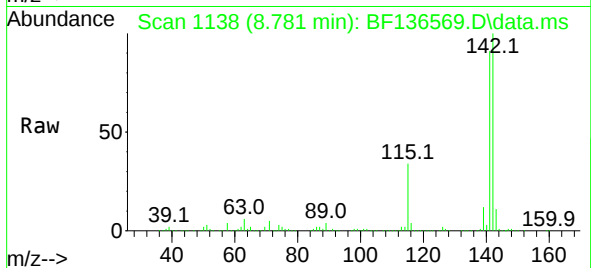
141 90.9 76.4 114.6

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 12/15/2023

Supervised By :mohammad ahmed 12/15/2023



#38

1-Methylnaphthalene

Concen: 41.132 ng

RT: 8.881 min Scan# 1155

Delta R.T. -0.012 min

Lab File: BF136569.D

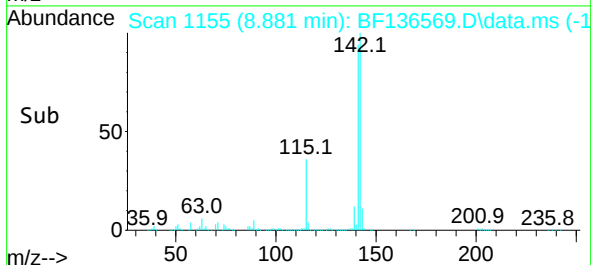
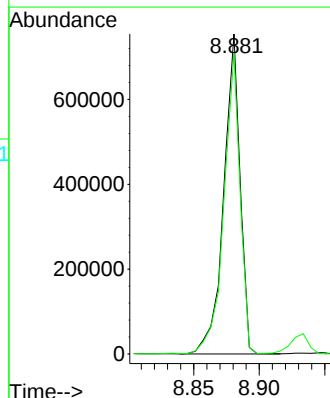
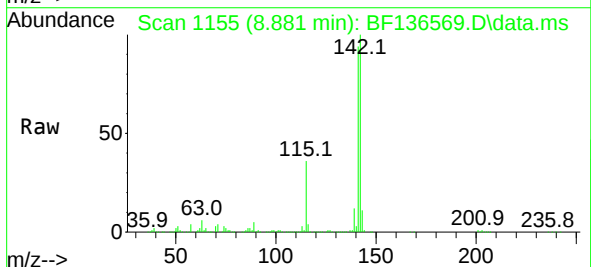
Acq: 14 Dec 2023 15:35

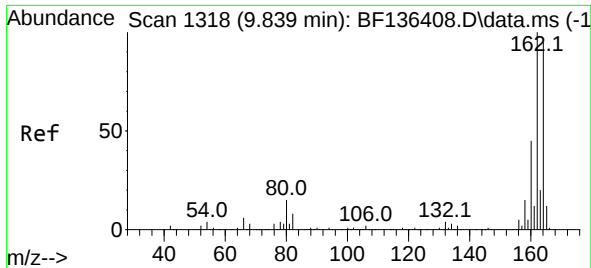
Tgt Ion:142 Resp: 653270

Ion Ratio Lower Upper

142 100

141 93.9 77.7 116.5





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.822 min Scan# 1165

Delta R.T. -0.018 min

Lab File: BF136569.D

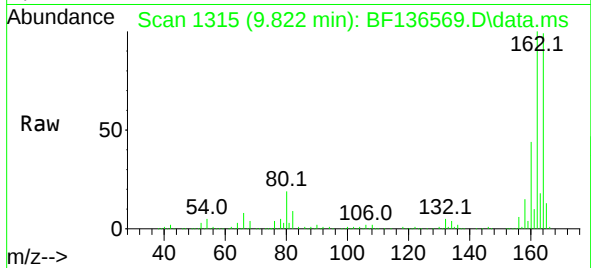
Acq: 14 Dec 2023 15:35

Instrument :

BNA_F

ClientSampleId :

PB157641BSD



Tgt Ion:164 Resp: 247730

Ion Ratio Lower Upper

164 100

162 101.0 84.4 126.6

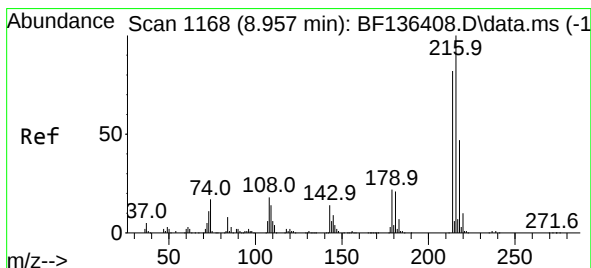
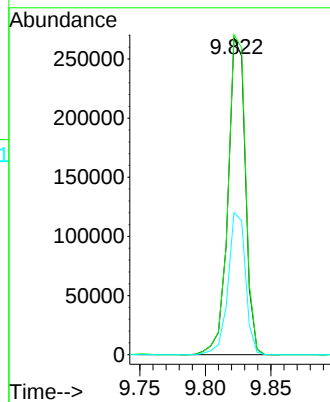
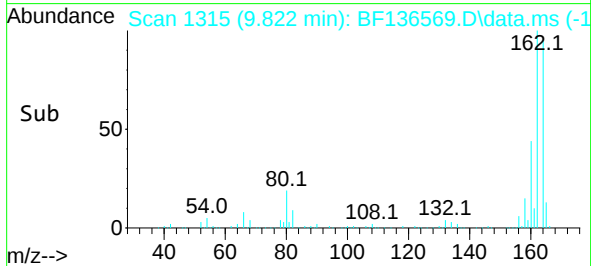
160 44.8 37.6 56.4

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 12/15/2023

Supervised By :mohammad ahmed 12/15/2023



#40

1,2,4,5-Tetrachlorobenzene

Concen: 43.245 ng

RT: 8.945 min Scan# 1166

Delta R.T. -0.012 min

Lab File: BF136569.D

Acq: 14 Dec 2023 15:35

Tgt Ion:216 Resp: 333306

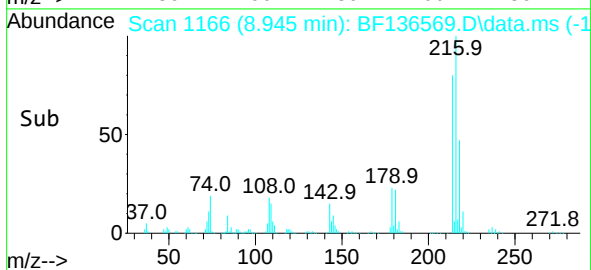
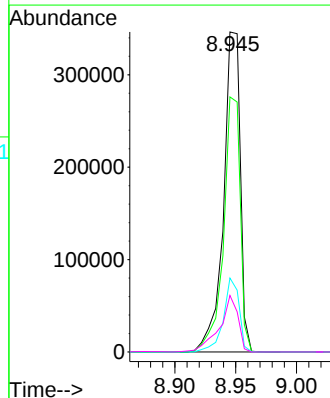
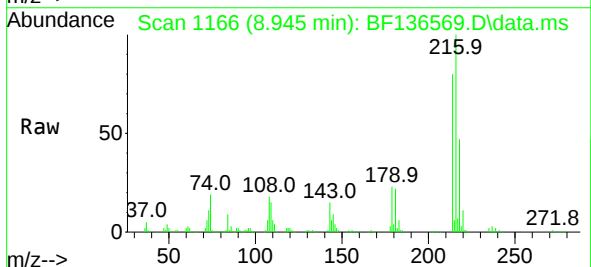
Ion Ratio Lower Upper

216 100

214 79.2 64.1 96.1

179 21.5 17.0 25.6

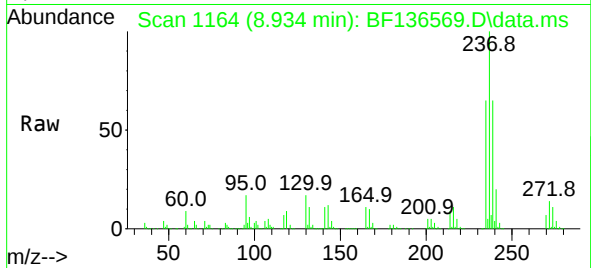
108 19.4 14.1 21.1





#41
Hexachlorocyclopentadiene
Concen: 140.197 ng
RT: 8.934 min Scan# 1164
Delta R.T. -0.012 min
Lab File: BF136569.D
Acq: 14 Dec 2023 15:35

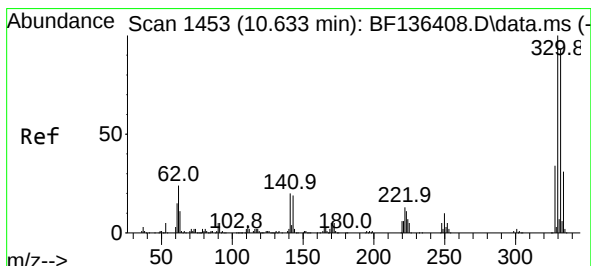
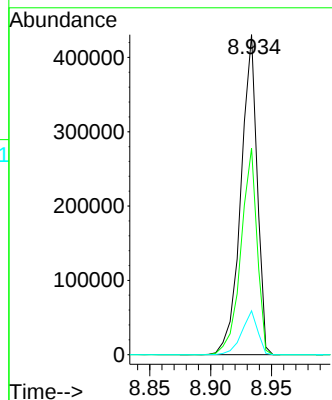
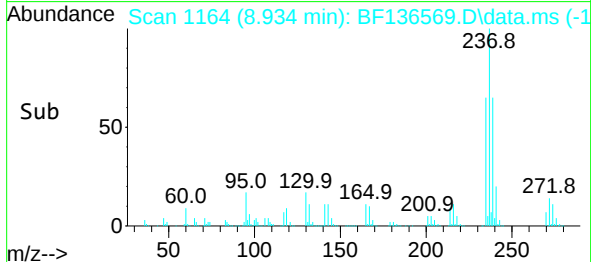
Instrument :
BNA_F
ClientSampleId :
PB157641BSD



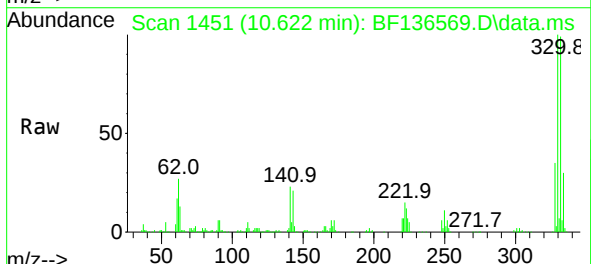
Tgt Ion:237 Resp: 400319
Ion Ratio Lower Upper
237 100
235 64.5 44.1 84.1
272 13.7 0.0 33.3

Manual Integrations
APPROVED

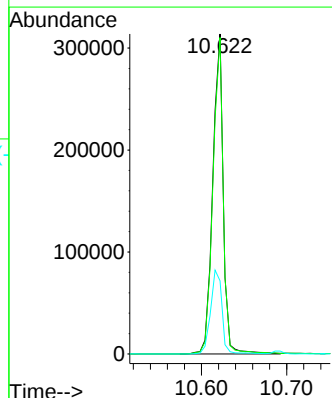
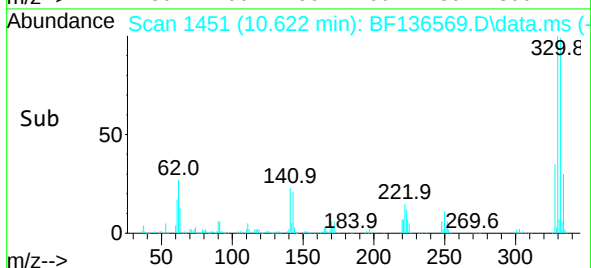
Reviewed By :Yogesh Patel 12/15/2023
Supervised By :mohammad ahmed 12/15/2023

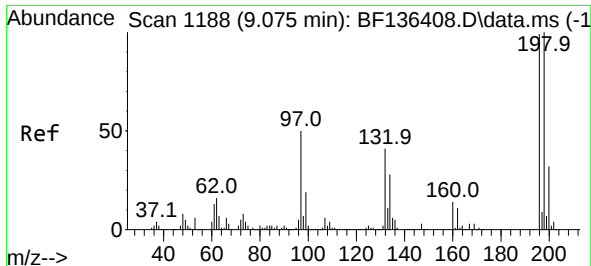


#42
2,4,6-Tribromophenol
Concen: 87.804 ng
RT: 10.622 min Scan# 1451
Delta R.T. -0.012 min
Lab File: BF136569.D
Acq: 14 Dec 2023 15:35



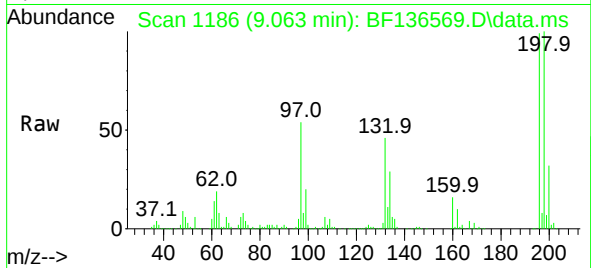
Tgt Ion:330 Resp: 268205
Ion Ratio Lower Upper
330 100
332 97.7 76.4 114.6
141 28.5 23.4 35.2





#43
2,4,6-Trichlorophenol
Concen: 44.541 ng
RT: 9.063 min Scan# 1186
Delta R.T. -0.012 min
Lab File: BF136569.D
Acq: 14 Dec 2023 15:35

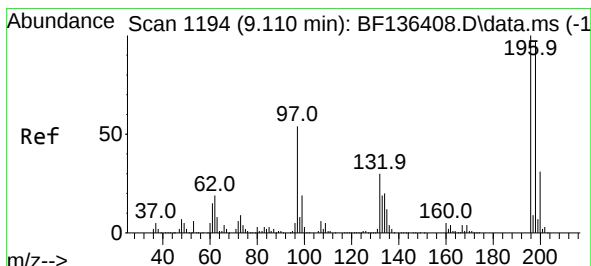
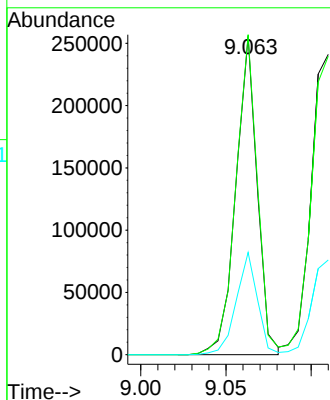
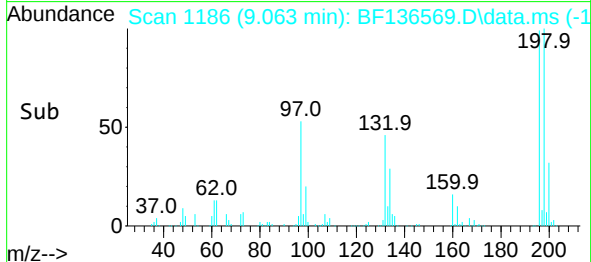
Instrument :
BNA_F
ClientSampleId :
PB157641BSD



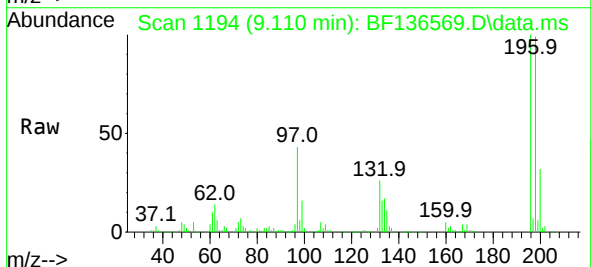
Tgt Ion:196 Resp: 223529
Ion Ratio Lower Upper
196 100
198 100.6 80.4 120.6
200 32.1 25.9 38.9

Manual Integrations
APPROVED

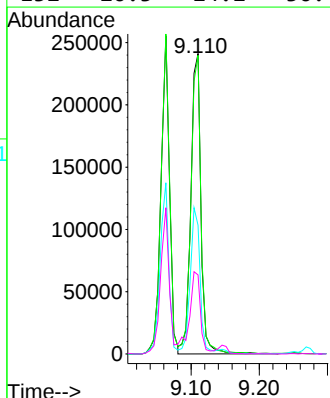
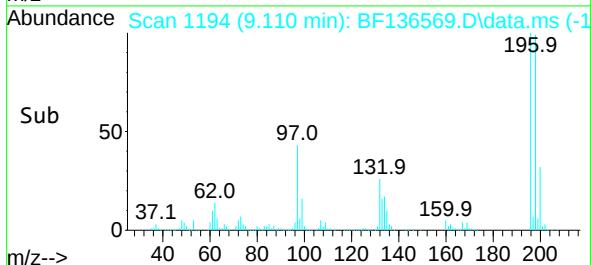
Reviewed By :Yogesh Patel 12/15/2023
Supervised By :mohammad ahmed 12/15/2023

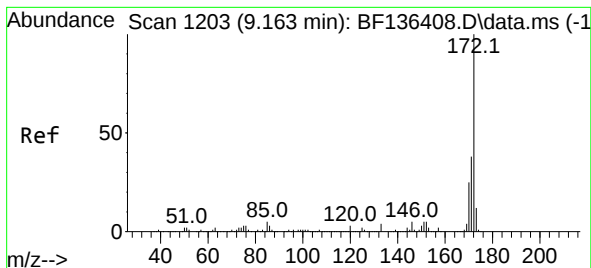


#44
2,4,5-Trichlorophenol
Concen: 43.801 ng
RT: 9.110 min Scan# 1194
Delta R.T. 0.000 min
Lab File: BF136569.D
Acq: 14 Dec 2023 15:35



Tgt Ion:196 Resp: 245334
Ion Ratio Lower Upper
196 100
198 99.4 78.1 117.1
97 42.8 43.4 65.2#
132 26.3 24.2 36.4





#45

2-Fluorobiphenyl

Concen: 82.308 ng

RT: 9.145 min Scan# 11

Delta R.T. -0.018 min

Lab File: BF136569.D

Acq: 14 Dec 2023 15:35

Instrument :

BNA_F

ClientSampleId :

PB157641BSD

Tgt Ion:172 Resp: 149436

Ion Ratio Lower Upper

172 100

171 36.3 30.5 45.7

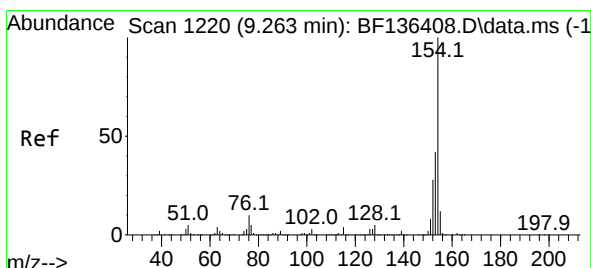
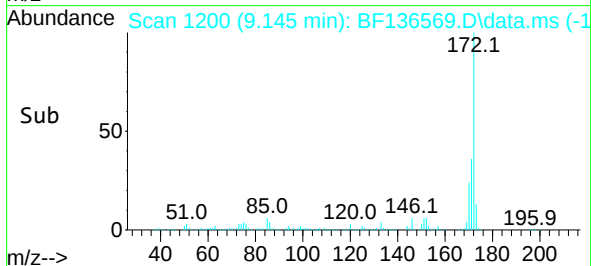
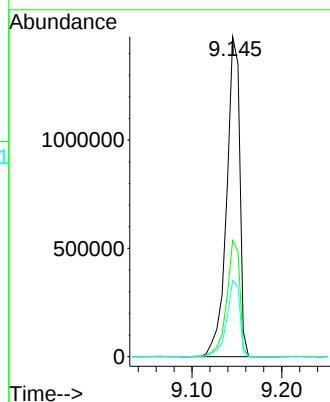
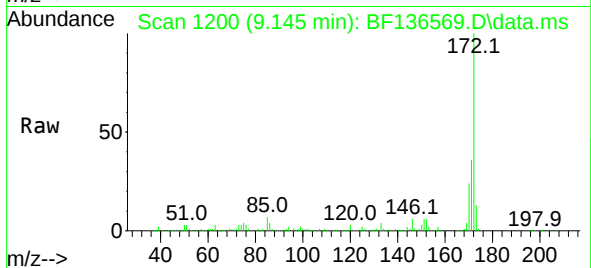
170 23.8 19.9 29.9

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 12/15/2023

Supervised By :mohammad ahmed 12/15/2023



#46

1,1'-Biphenyl

Concen: 42.348 ng

RT: 9.245 min Scan# 1217

Delta R.T. -0.018 min

Lab File: BF136569.D

Acq: 14 Dec 2023 15:35

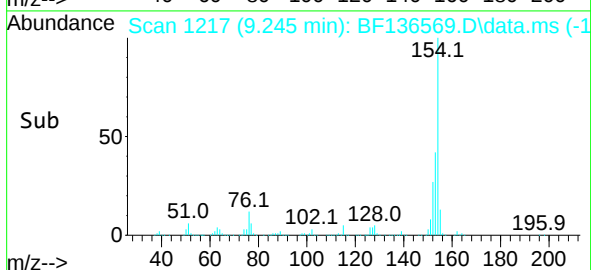
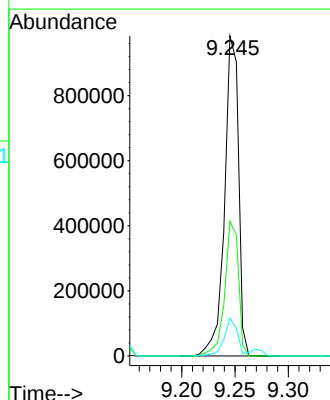
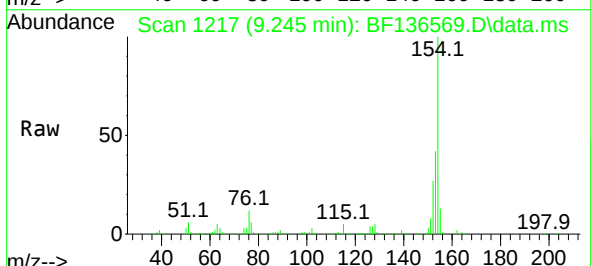
Tgt Ion:154 Resp: 892682

Ion Ratio Lower Upper

154 100

153 42.0 22.5 62.5

76 11.8 0.0 29.9





#47

2-Chloronaphthalene

Concen: 41.521 ng

RT: 9.269 min Scan# 11

Delta R.T. -0.018 min

Lab File: BF136569.D

Acq: 14 Dec 2023 15:35

Instrument :

BNA_F

ClientSampleId :

PB157641BSD

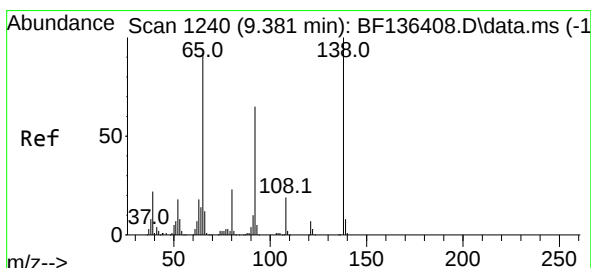
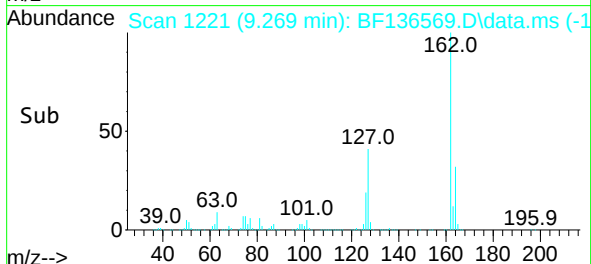
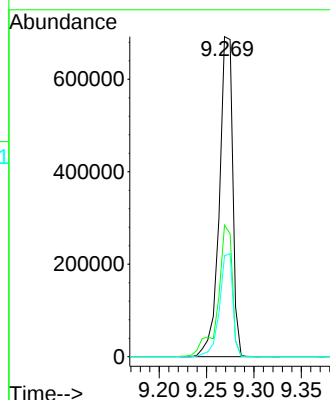
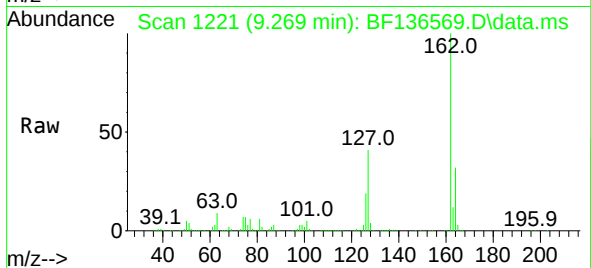
Tgt Ion:	162	Resp:	68122
Ion Ratio	Lower	Upper	
162	100		
127	41.1	31.1	46.7
164	31.6	24.6	37.0

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 12/15/2023

Supervised By :mohammad ahmed 12/15/2023



#48

2-Nitroaniline

Concen: 43.942 ng

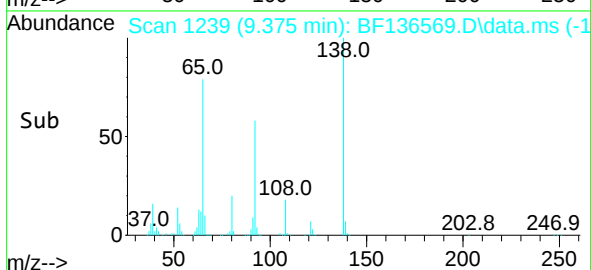
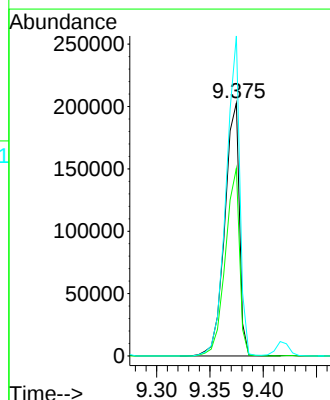
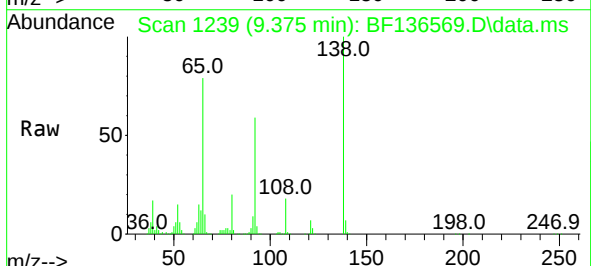
RT: 9.375 min Scan# 1239

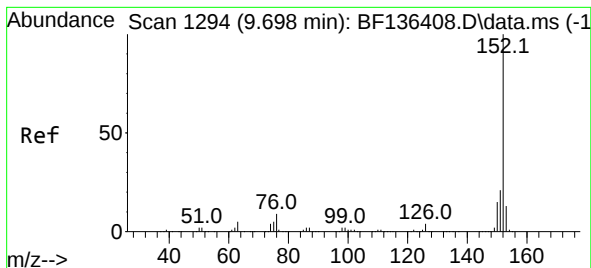
Delta R.T. -0.006 min

Lab File: BF136569.D

Acq: 14 Dec 2023 15:35

Tgt Ion:	65	Resp:	193360
Ion Ratio	Lower	Upper	
65	100		
92	74.1	56.1	84.1
138	126.5	86.7	130.1





#49

Acenaphthylene

Concen: 44.407 ng

RT: 9.686 min Scan# 1292

Delta R.T. -0.012 min

Lab File: BF136569.D

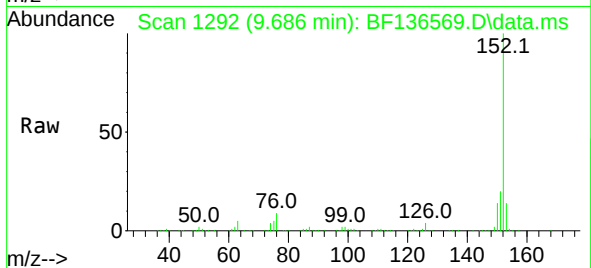
Acq: 14 Dec 2023 15:35

Instrument :

BNA_F

ClientSampleId :

PB157641BSD



Tgt Ion:152 Resp: 103787

Ion Ratio Lower Upper

152 100

151 20.4 17.2 25.8

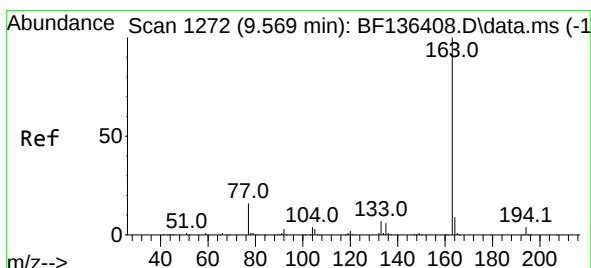
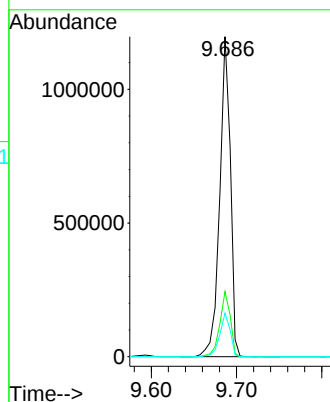
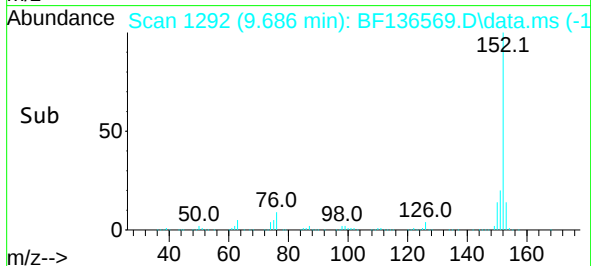
153 13.6 10.6 15.8

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 12/15/2023

Supervised By :mohammad ahmed 12/15/2023



#50

Dimethylphthalate

Concen: 44.154 ng

RT: 9.557 min Scan# 1270

Delta R.T. -0.012 min

Lab File: BF136569.D

Acq: 14 Dec 2023 15:35

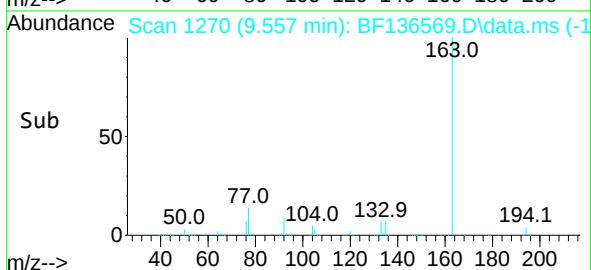
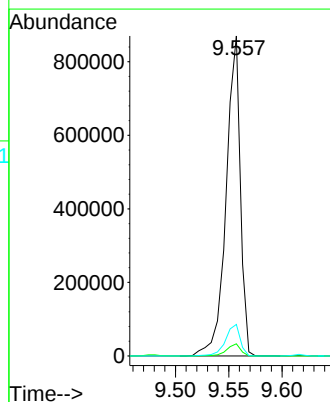
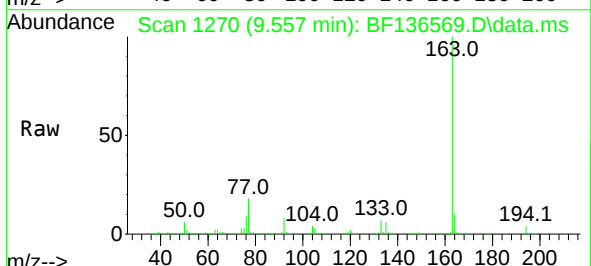
Tgt Ion:163 Resp: 805324

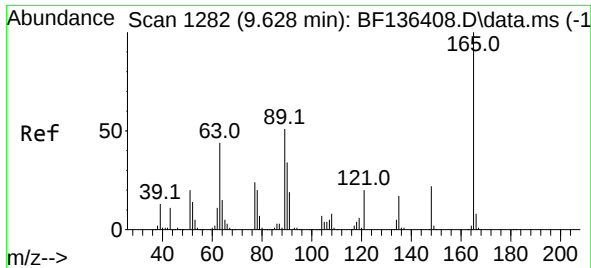
Ion Ratio Lower Upper

163 100

194 3.8 3.0 4.6

164 9.9 7.4 11.2





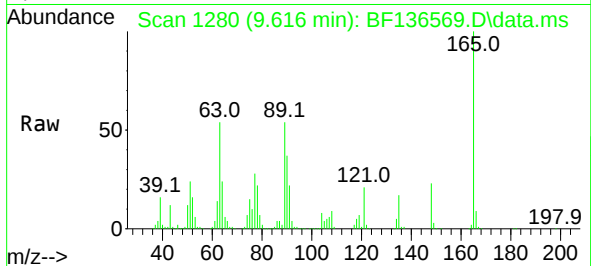
#51
2,6-Dinitrotoluene
Concen: 43.121 ng
RT: 9.616 min Scan# 11
Delta R.T. -0.012 min
Lab File: BF136569.D
Acq: 14 Dec 2023 15:35

Instrument :

BNA_F

ClientSampleId :

PB157641BSD

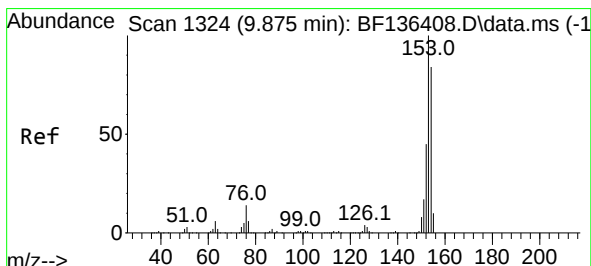
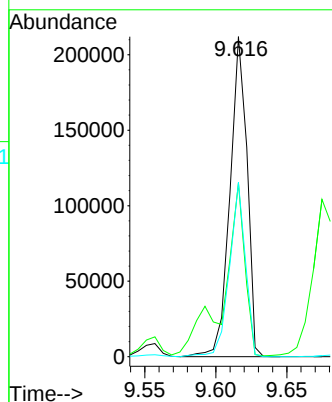
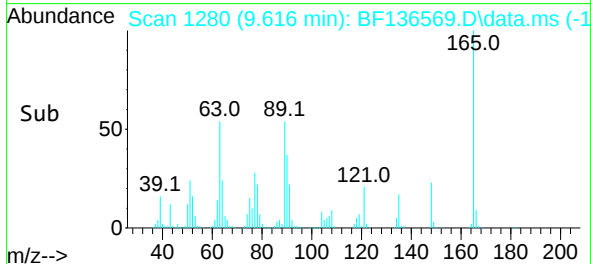


Tgt Ion:165 Resp: 176938
Ion Ratio Lower Upper
165 100
63 54.2 40.4 60.6
89 54.4 40.6 60.8

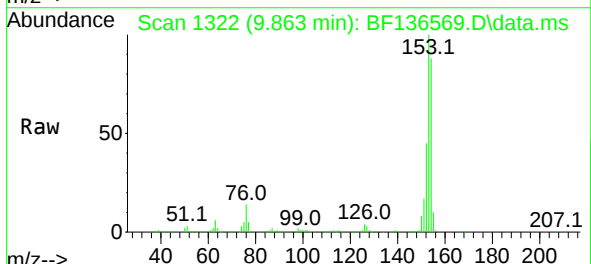
Manual Integrations

APPROVED

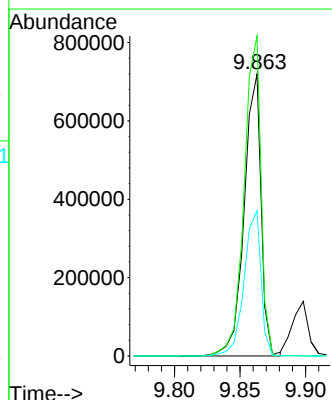
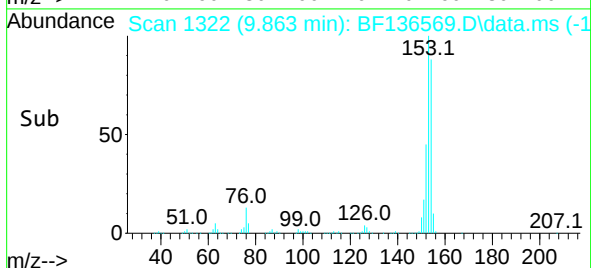
Reviewed By :Yogesh Patel 12/15/2023
Supervised By :mohammad ahmed 12/15/2023

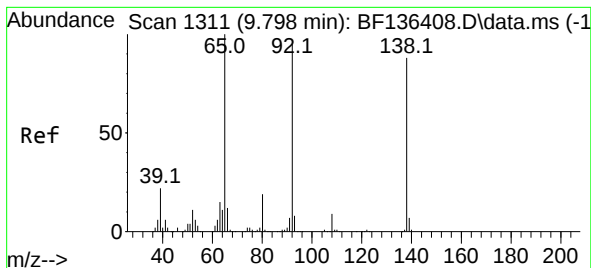


#52
Acenaphthene
Concen: 43.319 ng
RT: 9.863 min Scan# 1322
Delta R.T. -0.012 min
Lab File: BF136569.D
Acq: 14 Dec 2023 15:35



Tgt Ion:154 Resp: 648785
Ion Ratio Lower Upper
154 100
153 113.6 95.3 142.9
152 51.5 43.2 64.8





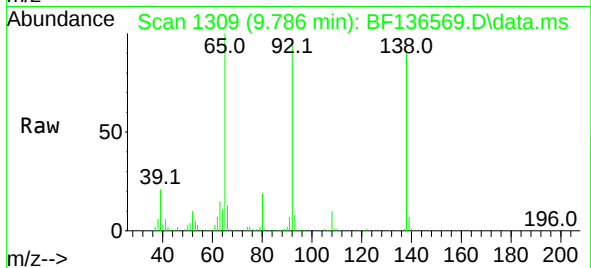
#53
3-Nitroaniline
Concen: 29.660 ng
RT: 9.786 min Scan# 11
Delta R.T. -0.012 min
Lab File: BF136569.D
Acq: 14 Dec 2023 15:35

Instrument :

BNA_F

ClientSampleId :

PB157641BSD

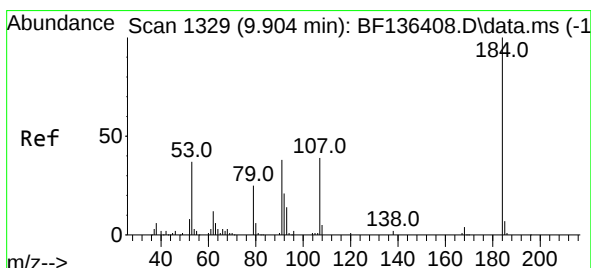
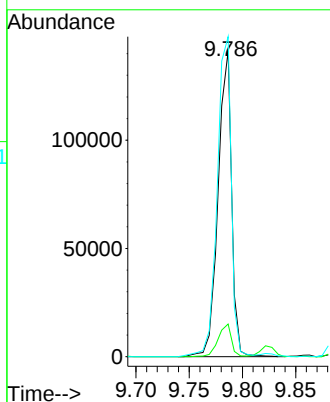
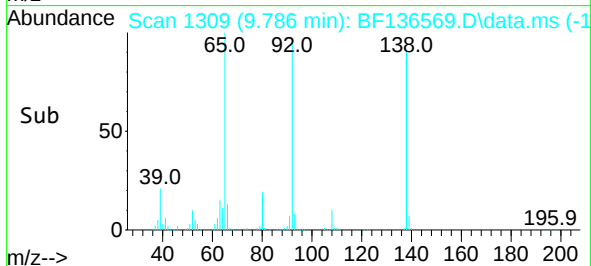


Tgt Ion:138 Resp: 124279
Ion Ratio Lower Upper
138 100
108 10.7 8.5 12.7
92 104.7 86.1 129.1

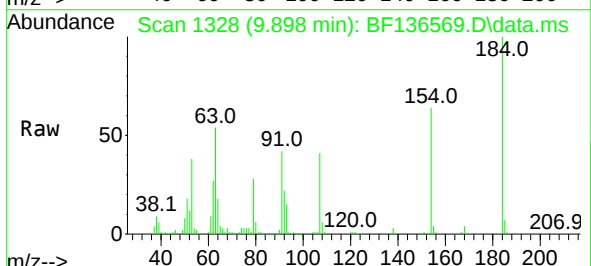
Manual Integrations

APPROVED

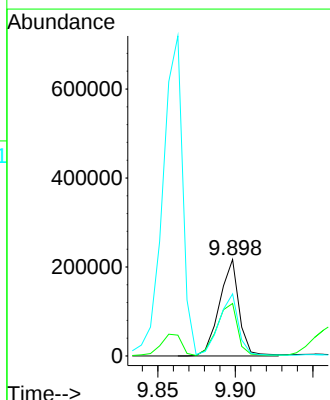
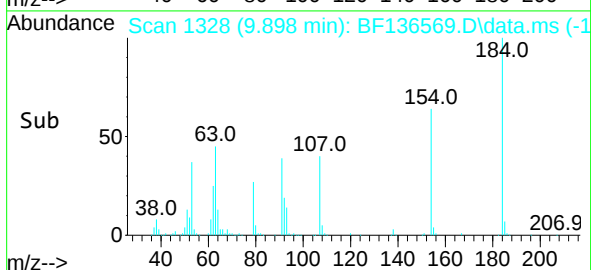
Reviewed By :Yogesh Patel 12/15/2023
Supervised By :mohammad ahmed 12/15/2023

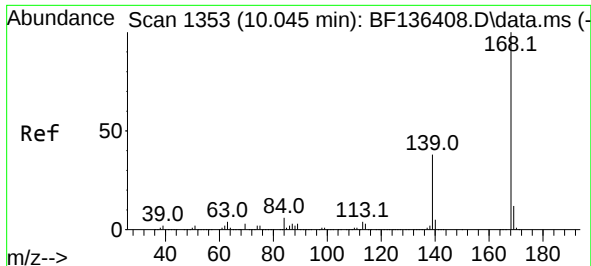


#54
2,4-Dinitrophenol
Concen: 92.190 ng
RT: 9.898 min Scan# 1328
Delta R.T. -0.006 min
Lab File: BF136569.D
Acq: 14 Dec 2023 15:35



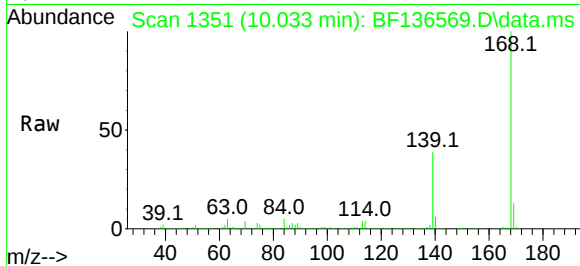
Tgt Ion:184 Resp: 191259
Ion Ratio Lower Upper
184 100
63 54.4 39.1 58.7
154 64.3 49.9 74.9





#55
Dibenzenofuran
Concen: 43.070 ng
RT: 10.033 min Scan# 1351
Delta R.T. -0.012 min
Lab File: BF136569.D
Acq: 14 Dec 2023 15:35

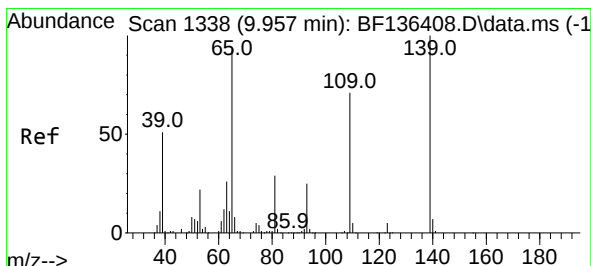
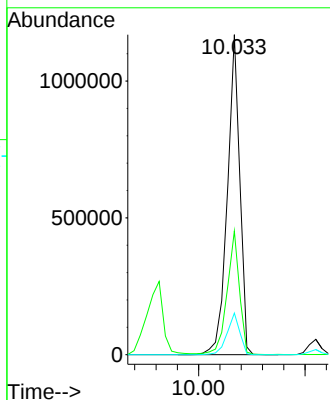
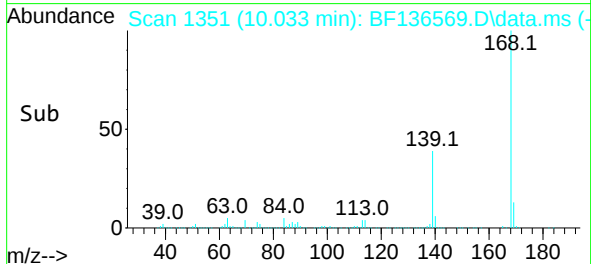
Instrument :
BNA_F
ClientSampleId :
PB157641BSD



Tgt Ion:168 Resp: 942359
Ion Ratio Lower Upper
168 100
139 38.6 30.4 45.6
169 13.0 9.9 14.9

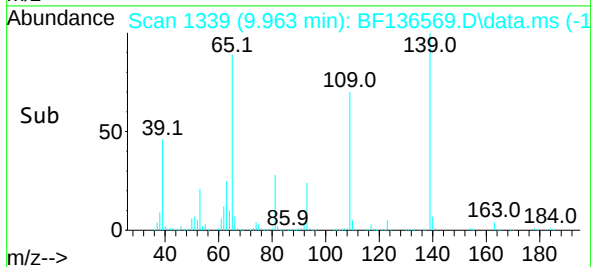
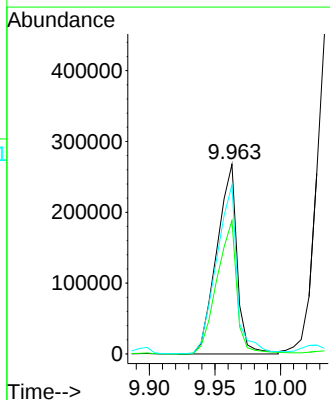
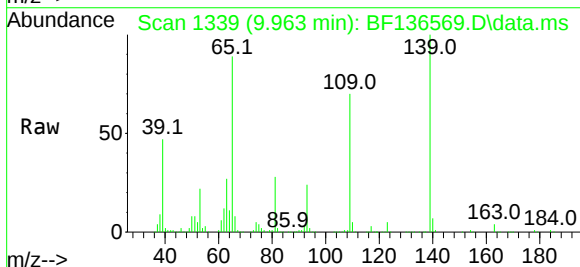
Manual Integrations
APPROVED

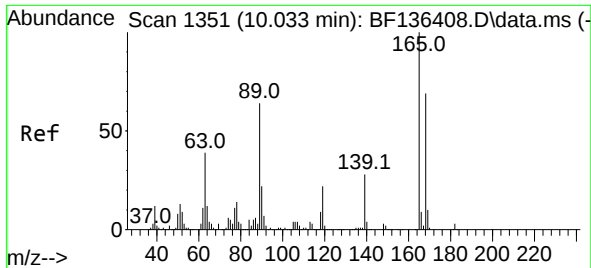
Reviewed By :Yogesh Patel 12/15/2023
Supervised By :mohammad ahmed 12/15/2023



#56
4-Nitrophenol
Concen: 91.933 ng
RT: 9.963 min Scan# 1339
Delta R.T. 0.006 min
Lab File: BF136569.D
Acq: 14 Dec 2023 15:35

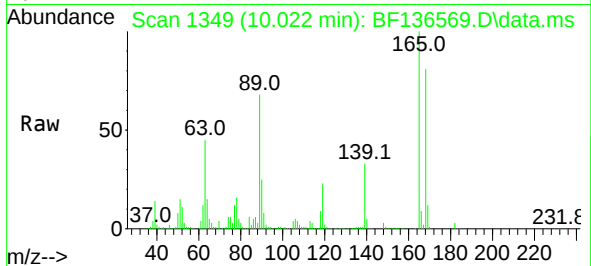
Tgt Ion:139 Resp: 288776
Ion Ratio Lower Upper
139 100
109 70.4 50.6 90.6
65 89.1 73.1 113.1





#57
2,4-Dinitrotoluene
Concen: 43.175 ng
RT: 10.022 min Scan# 11
Delta R.T. -0.012 min
Lab File: BF136569.D
Acq: 14 Dec 2023 15:35

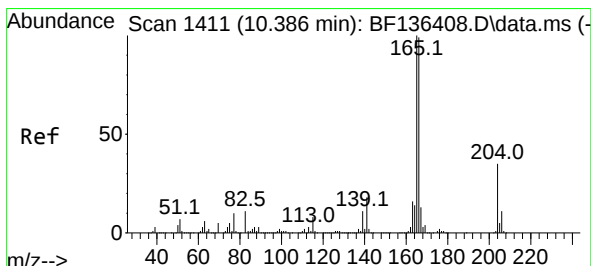
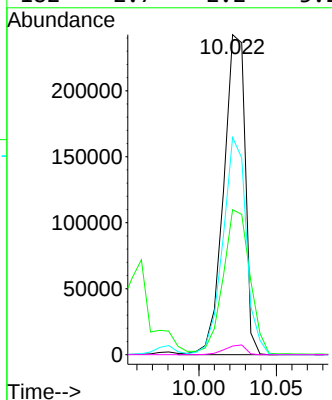
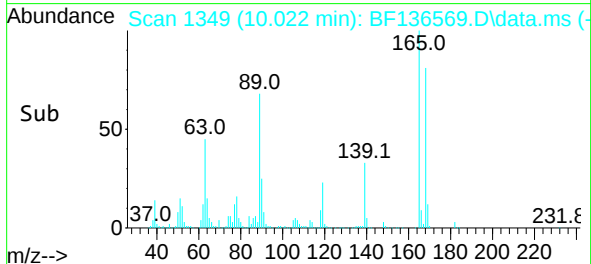
Instrument :
BNA_F
ClientSampleId :
PB157641BSD



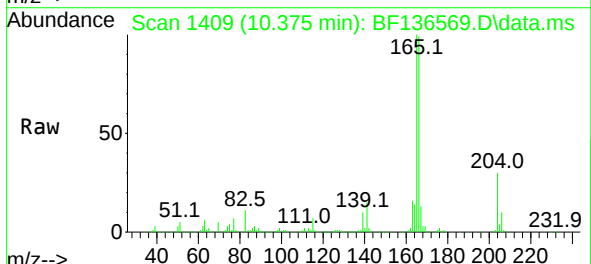
Tgt Ion:165 Resp: 23436
Ion Ratio Lower Upper
165 100
63 45.3 31.4 47.2
89 67.9 51.7 77.5
182 2.7 2.2 3.2

Manual Integrations
APPROVED

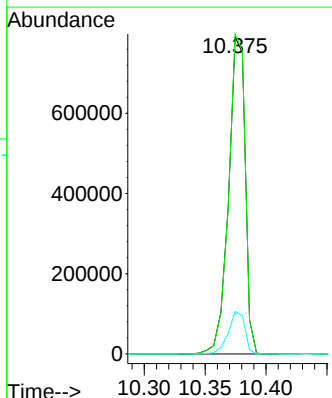
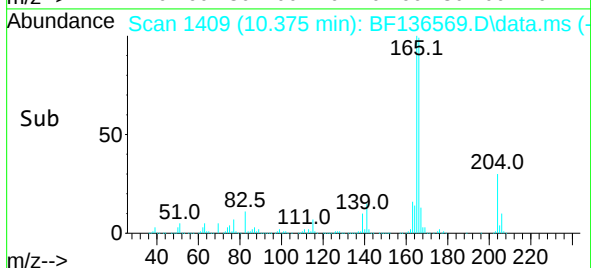
Reviewed By :Yogesh Patel 12/15/2023
Supervised By :mohammad ahmed 12/15/2023

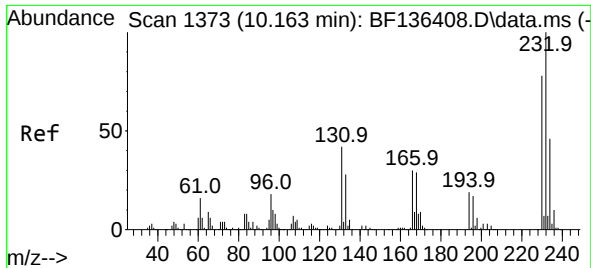


#58
Fluorene
Concen: 42.825 ng
RT: 10.375 min Scan# 1409
Delta R.T. -0.012 min
Lab File: BF136569.D
Acq: 14 Dec 2023 15:35



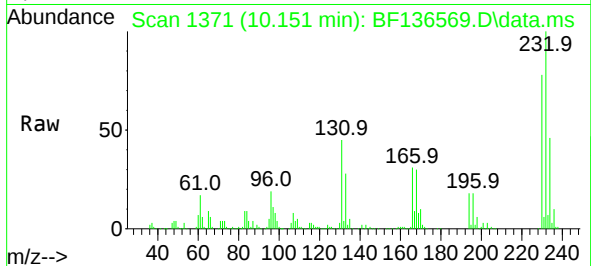
Tgt Ion:166 Resp: 752156
Ion Ratio Lower Upper
166 100
165 101.1 80.5 120.7
167 13.4 10.5 15.7





#59
2,3,4,6-Tetrachlorophenol
Concen: 47.389 ng
RT: 10.151 min Scan# 1371
Delta R.T. -0.012 min
Lab File: BF136569.D
Acq: 14 Dec 2023 15:35

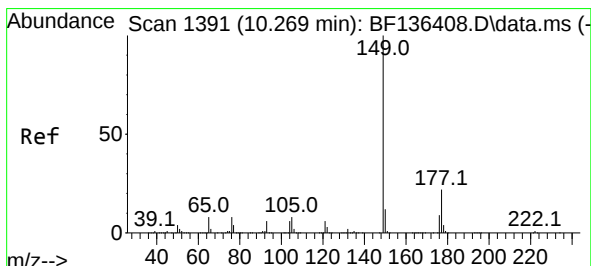
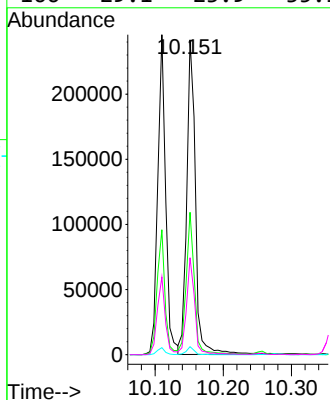
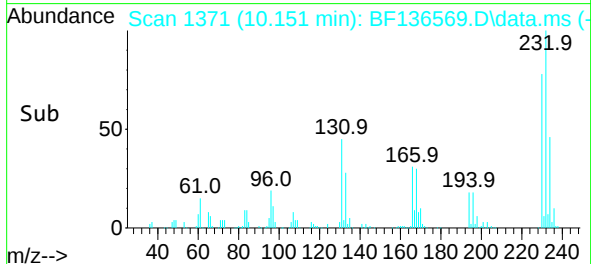
Instrument :
BNA_F
ClientSampleId :
PB157641BSD



Tgt Ion:232 Resp: 212614
Ion Ratio Lower Upper
232 100
131 43.3 34.3 51.5
130 2.2 1.6 2.4
166 29.1 23.9 35.9

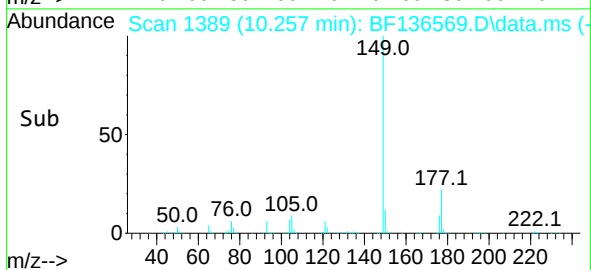
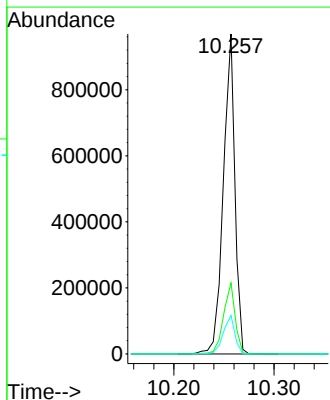
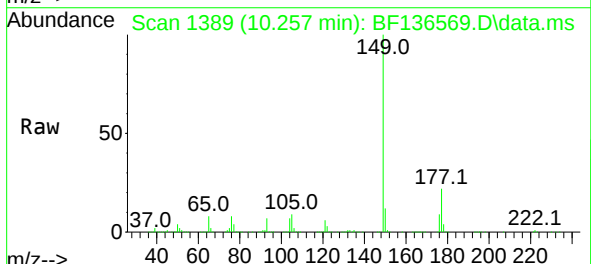
Manual Integrations
APPROVED

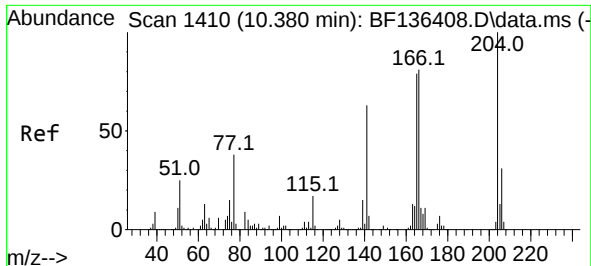
Reviewed By :Yogesh Patel 12/15/2023
Supervised By :mohammad ahmed 12/15/2023



#60
Diethylphthalate
Concen: 43.150 ng
RT: 10.257 min Scan# 1389
Delta R.T. -0.012 min
Lab File: BF136569.D
Acq: 14 Dec 2023 15:35

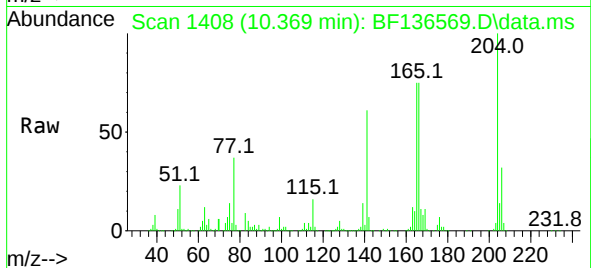
Tgt Ion:149 Resp: 773900
Ion Ratio Lower Upper
149 100
177 22.2 17.8 26.8
150 12.1 9.4 14.0





#61
4-Chlorophenyl-phenylether
Concen: 43.347 ng
RT: 10.369 min Scan# 1408
Delta R.T. -0.012 min
Lab File: BF136569.D
Acq: 14 Dec 2023 15:35

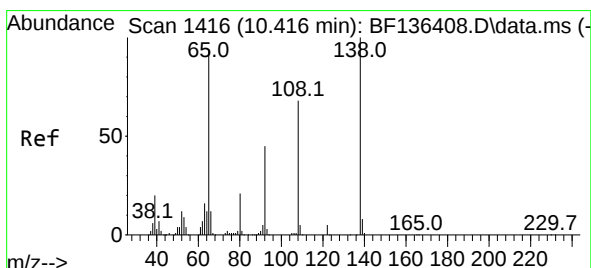
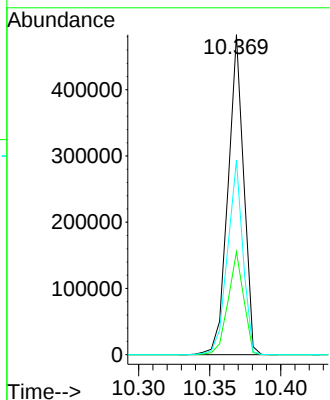
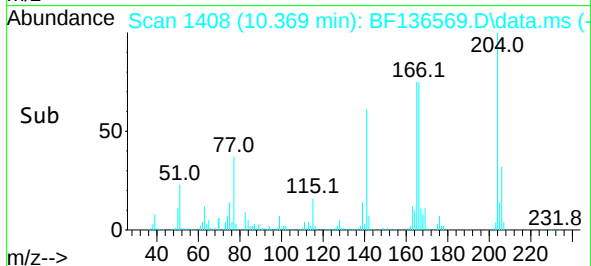
Instrument :
BNA_F
ClientSampleId :
PB157641BSD



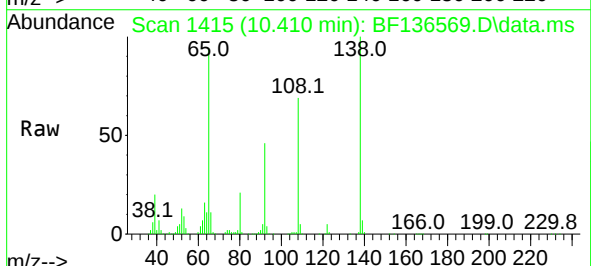
Tgt Ion:204 Resp: 371135
Ion Ratio Lower Upper
204 100
206 32.2 24.6 36.8
141 60.7 50.3 75.5

Manual Integrations
APPROVED

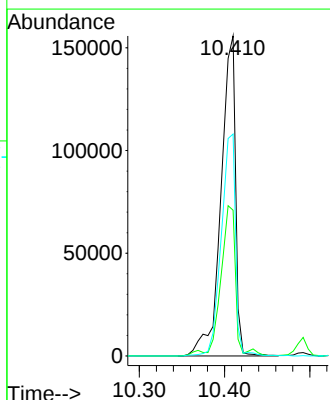
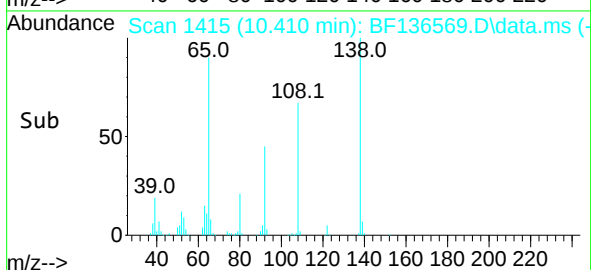
Reviewed By :Yogesh Patel 12/15/2023
Supervised By :mohammad ahmed 12/15/2023

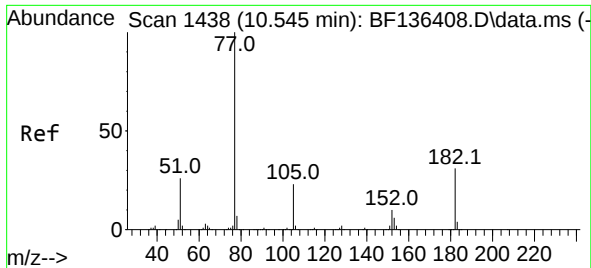


#62
4-Nitroaniline
Concen: 44.575 ng
RT: 10.410 min Scan# 1415
Delta R.T. -0.006 min
Lab File: BF136569.D
Acq: 14 Dec 2023 15:35



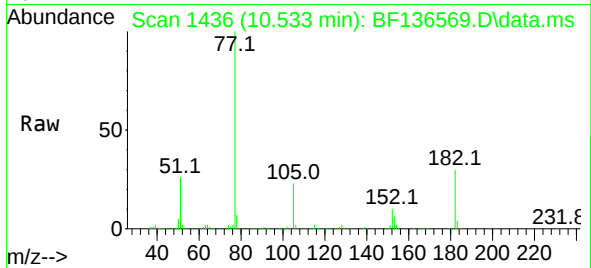
Tgt Ion:138 Resp: 185459
Ion Ratio Lower Upper
138 100
92 45.6 25.0 65.0
108 69.3 47.9 87.9





#63
Azobenzene
Concen: 42.062 ng
RT: 10.533 min Scan# 1438
Delta R.T. -0.012 min
Lab File: BF136569.D
Acq: 14 Dec 2023 15:35

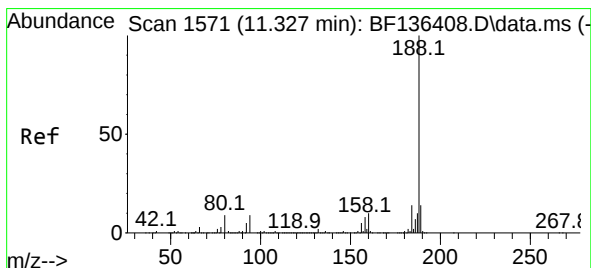
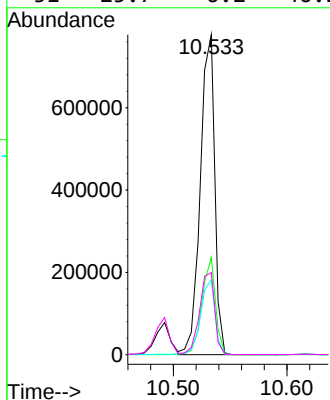
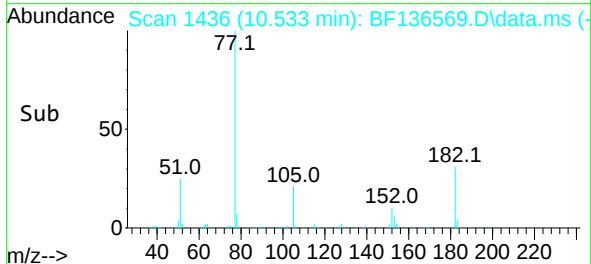
Instrument :
BNA_F
ClientSampleId :
PB157641BSD



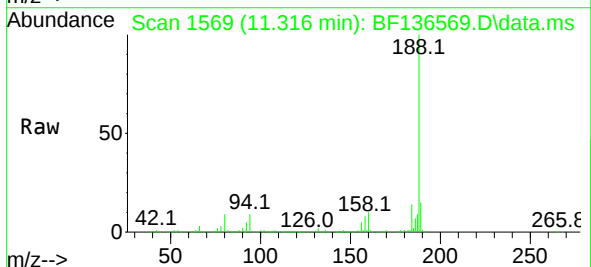
Tgt Ion: 77 Resp: 686640
Ion Ratio Lower Upper
77 100
182 30.4 10.8 50.8
105 23.5 2.6 42.6
51 25.7 6.2 46.2

Manual Integrations
APPROVED

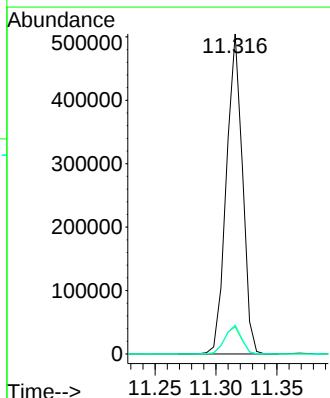
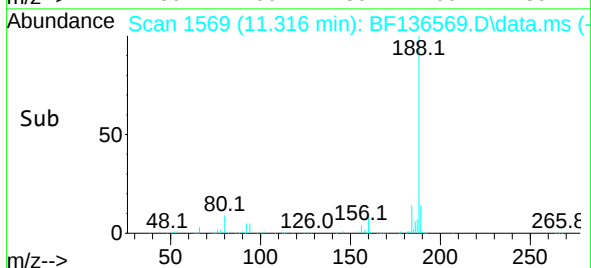
Reviewed By :Yogesh Patel 12/15/2023
Supervised By :mohammad ahmed 12/15/2023

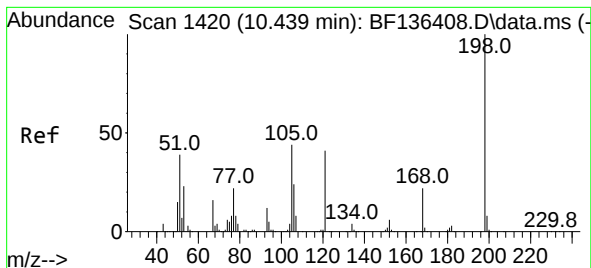


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.316 min Scan# 1569
Delta R.T. -0.012 min
Lab File: BF136569.D
Acq: 14 Dec 2023 15:35



Tgt Ion:188 Resp: 464416
Ion Ratio Lower Upper
188 100
94 8.6 7.2 10.8
80 9.1 7.2 10.8





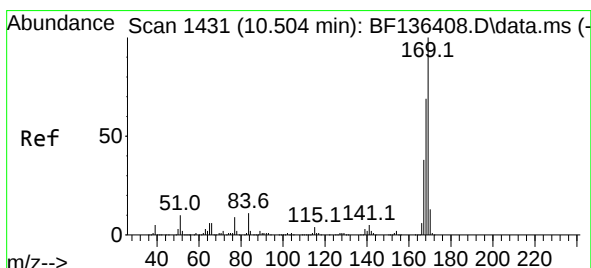
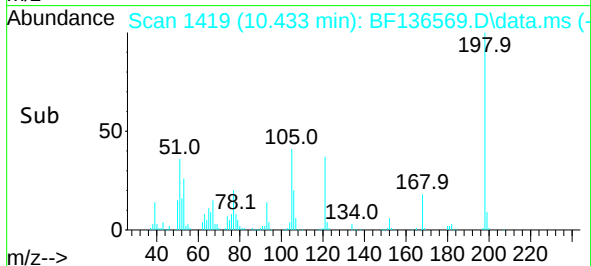
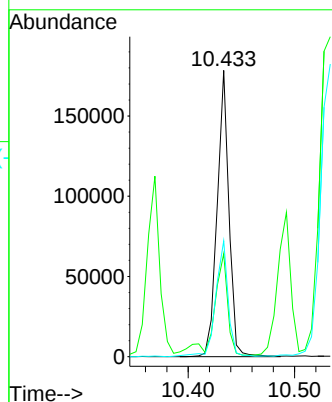
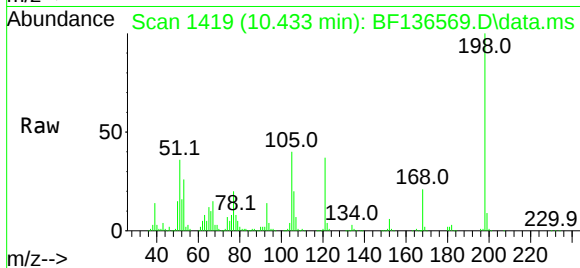
#65
4,6-Dinitro-2-methylphenol
Concen: 47.667 ng
RT: 10.433 min Scan# 1420
Delta R.T. -0.006 min
Lab File: BF136569.D
Acq: 14 Dec 2023 15:35

Instrument :
BNA_F
ClientSampleId :
PB157641BSD

Tgt Ion:198 Resp: 137100
Ion Ratio Lower Upper
198 100
51 36.0 24.1 64.1
105 40.5 24.8 64.8

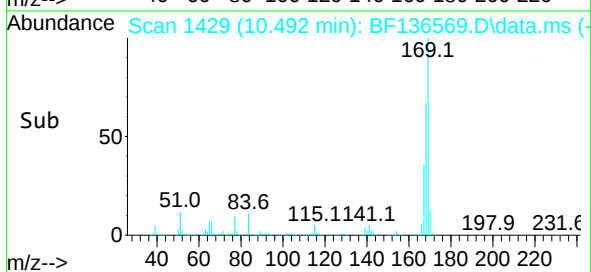
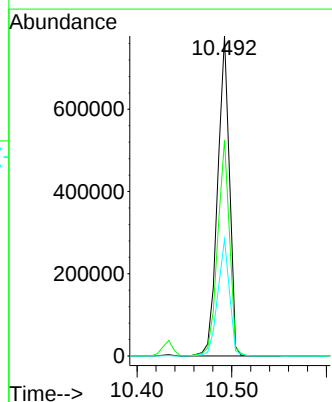
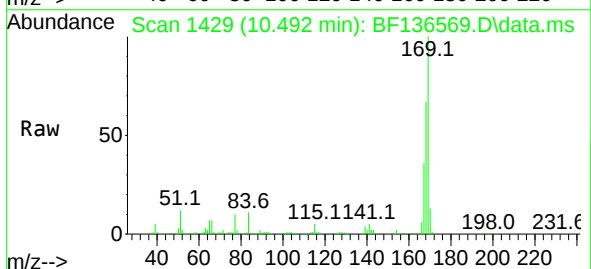
Manual Integrations
APPROVED

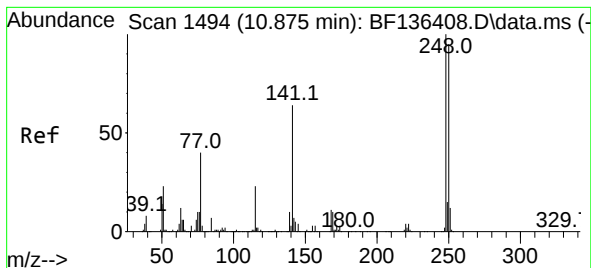
Reviewed By :Yogesh Patel 12/15/2023
Supervised By :mohammad ahmed 12/15/2023



#66
n-Nitrosodiphenylamine
Concen: 45.250 ng
RT: 10.492 min Scan# 1429
Delta R.T. -0.012 min
Lab File: BF136569.D
Acq: 14 Dec 2023 15:35

Tgt Ion:169 Resp: 674320
Ion Ratio Lower Upper
169 100
168 67.5 55.3 82.9
167 36.5 30.1 45.1





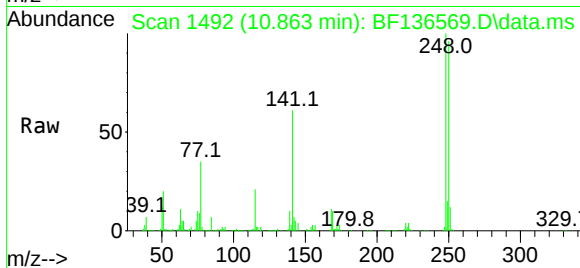
#67
4-Bromophenyl-phenylether
Concen: 44.838 ng
RT: 10.863 min Scan# 1492
Delta R.T. -0.012 min
Lab File: BF136569.D
Acq: 14 Dec 2023 15:35

Instrument :

BNA_F

ClientSampleId :

PB157641BSD



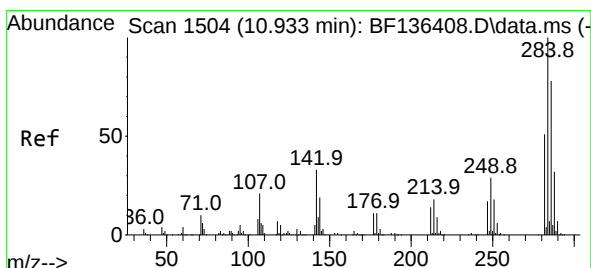
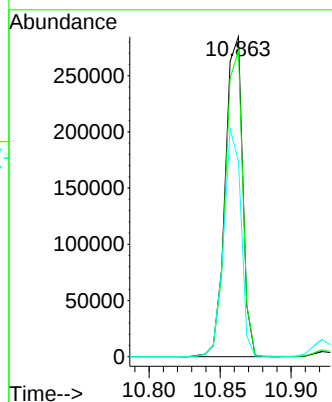
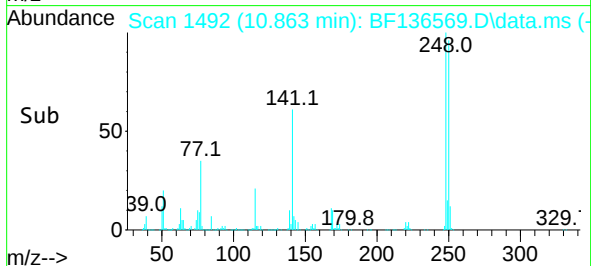
Tgt Ion:248 Resp: 242104
Ion Ratio Lower Upper
248 100
250 95.7 76.2 114.2
141 61.1 51.0 76.4

Manual Integrations

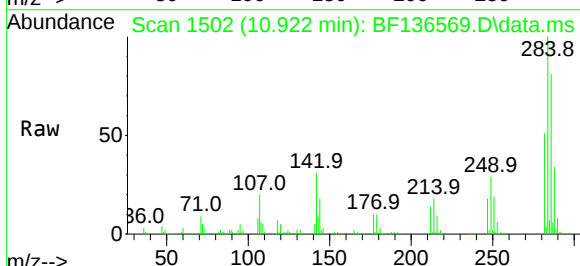
APPROVED

Reviewed By :Yogesh Patel 12/15/2023

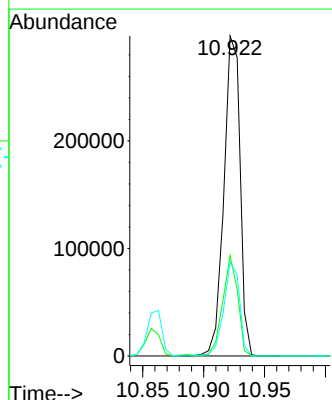
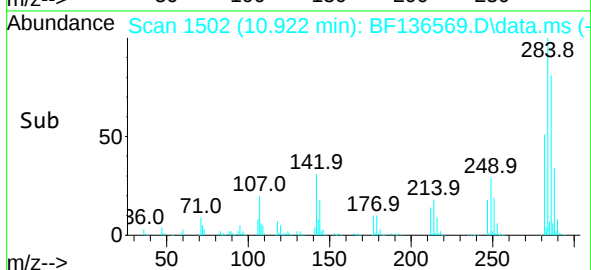
Supervised By :mohammad ahmed 12/15/2023

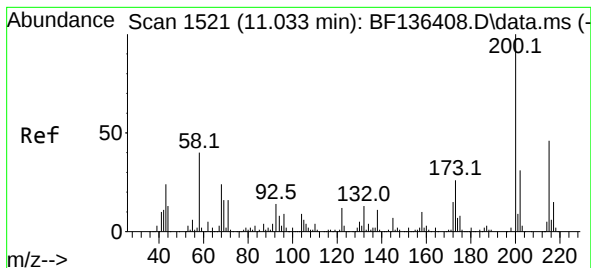


#68
Hexachlorobenzene
Concen: 44.188 ng
RT: 10.922 min Scan# 1502
Delta R.T. -0.012 min
Lab File: BF136569.D
Acq: 14 Dec 2023 15:35



Tgt Ion:284 Resp: 275762
Ion Ratio Lower Upper
284 100
142 31.4 26.5 39.7
249 29.3 23.4 35.0





#69

Atrazine

Concen: 55.386 ng

RT: 11.028 min Scan# 11028

Delta R.T. -0.006 min

Lab File: BF136569.D

Acq: 14 Dec 2023 15:35

Instrument :

BNA_F

ClientSampleId :

PB157641BSD

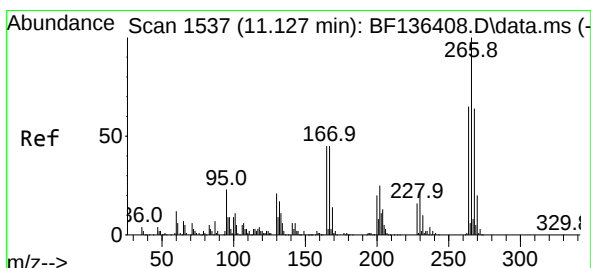
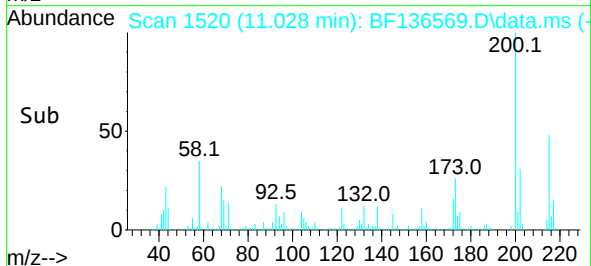
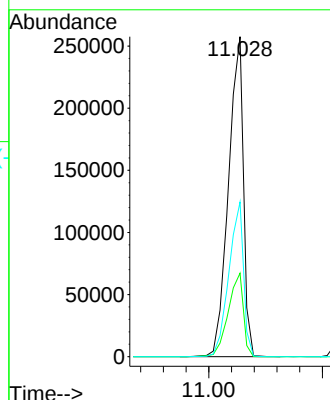
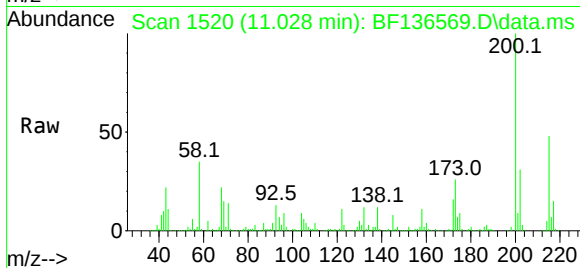
Tgt Ion:200 Resp: 235572
 Ion Ratio Lower Upper
 200 100
 173 26.1 6.0 46.0
 215 48.4 25.5 65.5

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 12/15/2023

Supervised By :mohammad ahmed 12/15/2023



#70

Pentachlorophenol

Concen: 79.070 ng

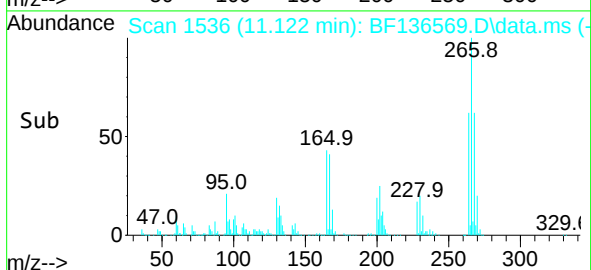
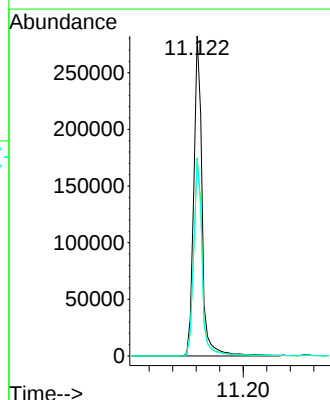
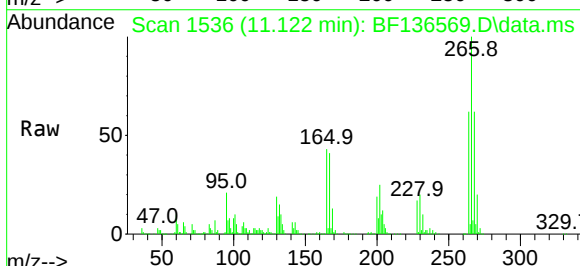
RT: 11.122 min Scan# 1536

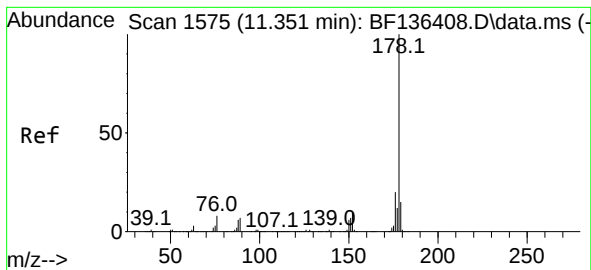
Delta R.T. -0.006 min

Lab File: BF136569.D

Acq: 14 Dec 2023 15:35

Tgt Ion:266 Resp: 278495
 Ion Ratio Lower Upper
 266 100
 268 61.9 51.0 76.6
 264 61.9 52.2 78.4





#71

Phenanthrene

Concen: 44.945 ng

RT: 11.345 min Scan# 1574

Delta R.T. -0.006 min

Lab File: BF136569.D

Acq: 14 Dec 2023 15:35

Instrument :

BNA_F

ClientSampleId :

PB157641BSD

Tgt Ion:178 Resp: 114728

Ion Ratio Lower Upper

178 100

176 19.1 15.9 23.9

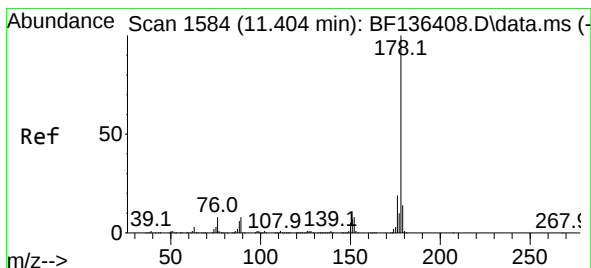
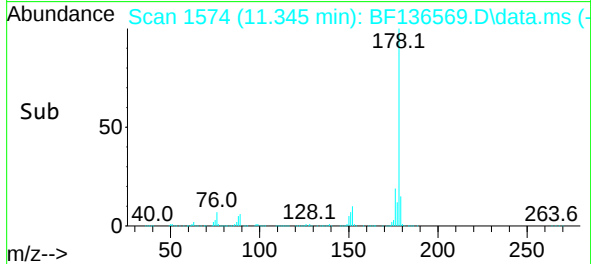
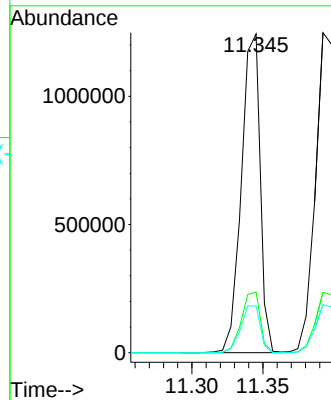
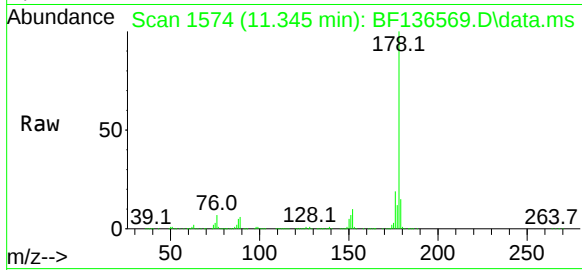
179 14.7 11.8 17.6

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 12/15/2023

Supervised By :mohammad ahmed 12/15/2023



#72

Anthracene

Concen: 45.899 ng

RT: 11.392 min Scan# 1582

Delta R.T. -0.012 min

Lab File: BF136569.D

Acq: 14 Dec 2023 15:35

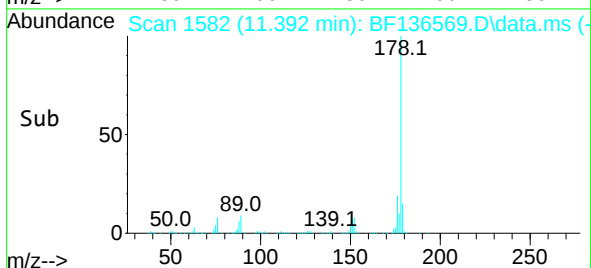
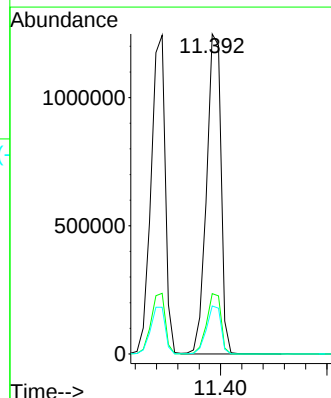
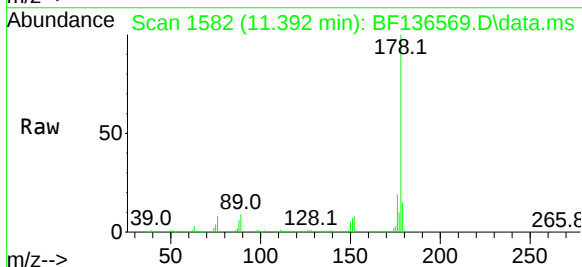
Tgt Ion:178 Resp: 1180091

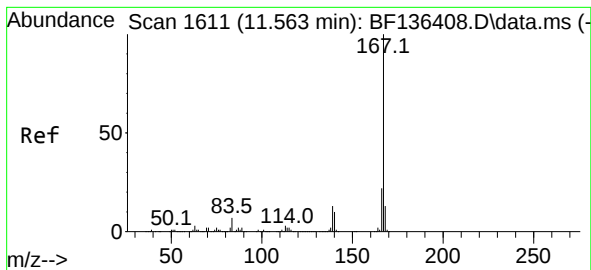
Ion Ratio Lower Upper

178 100

176 18.8 15.3 22.9

179 15.0 11.4 17.0





#73

Carbazole

Concen: 45.019 ng

RT: 11.551 min Scan# 1609

Delta R.T. -0.012 min

Lab File: BF136569.D

Acq: 14 Dec 2023 15:35

Instrument :

BNA_F

ClientSampleId :

PB157641BSD

Tgt Ion:167 Resp: 1024449

Ion Ratio Lower Upper

167 100

166 22.3 18.0 27.0

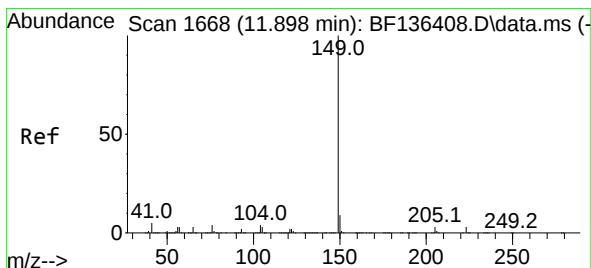
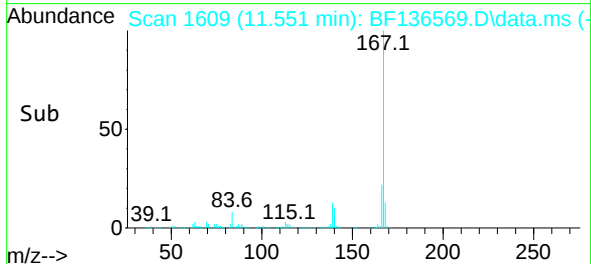
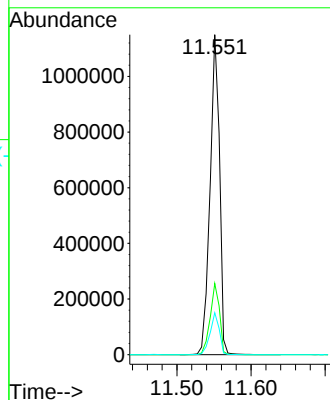
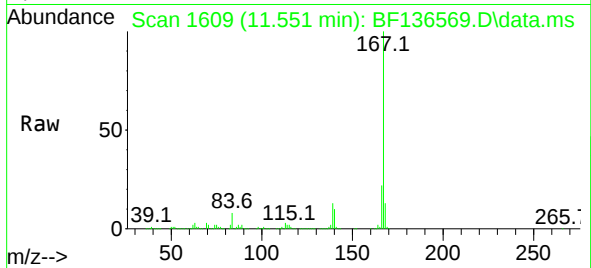
139 13.1 10.2 15.4

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 12/15/2023

Supervised By :mohammad ahmed 12/15/2023



#74

Di-n-butylphthalate

Concen: 45.178 ng

RT: 11.886 min Scan# 1666

Delta R.T. -0.012 min

Lab File: BF136569.D

Acq: 14 Dec 2023 15:35

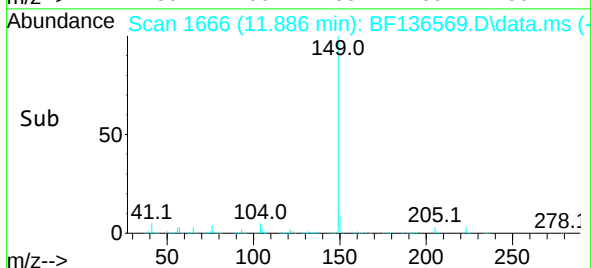
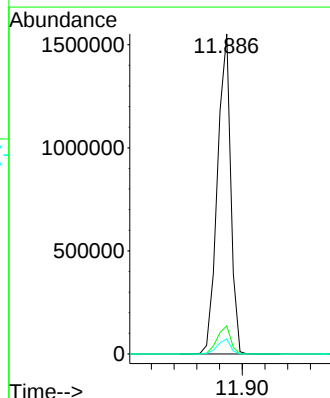
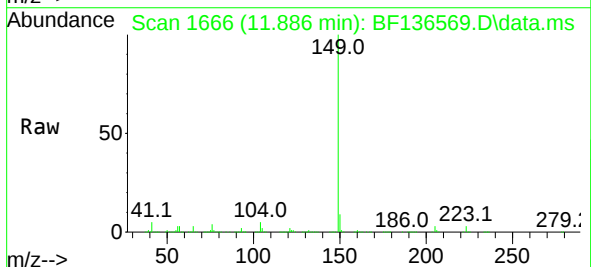
Tgt Ion:149 Resp: 1260306

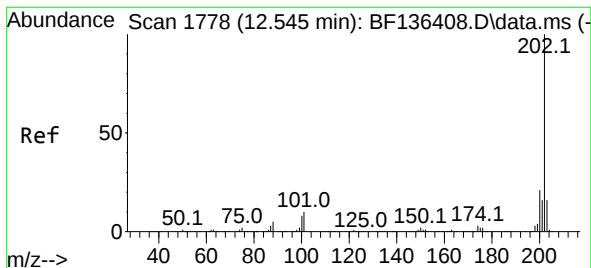
Ion Ratio Lower Upper

149 100

150 8.8 6.9 10.3

104 4.7 3.5 5.3





#75

Fluoranthene

Concen: 44.126 ng

RT: 12.533 min Scan# 11

Delta R.T. -0.012 min

Lab File: BF136569.D

Acq: 14 Dec 2023 15:35

Instrument :

BNA_F

ClientSampleId :

PB157641BSD

Tgt Ion:202 Resp: 118038

Ion Ratio Lower Upper

202 100

101 10.9 0.0 29.9

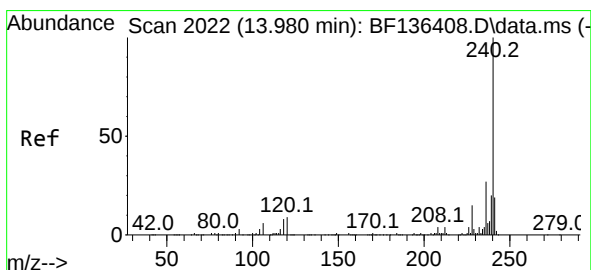
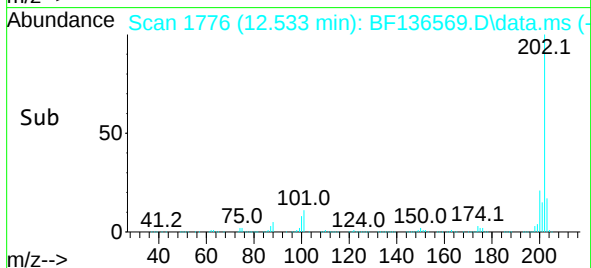
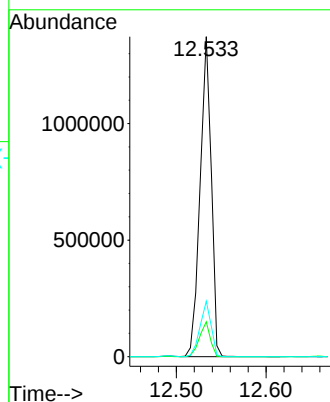
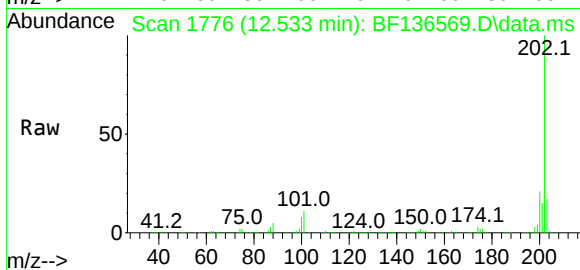
203 17.3 0.0 36.3

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 12/15/2023

Supervised By :mohammad ahmed 12/15/2023



#76

Chrysene-d12

Concen: 20.000 ng

RT: 13.969 min Scan# 2020

Delta R.T. -0.012 min

Lab File: BF136569.D

Acq: 14 Dec 2023 15:35

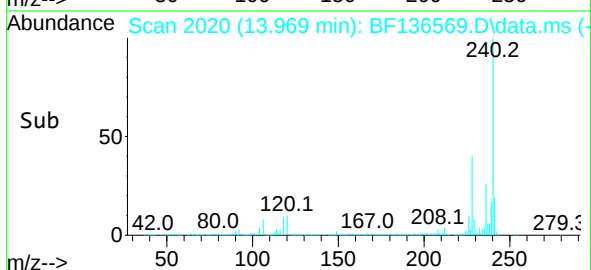
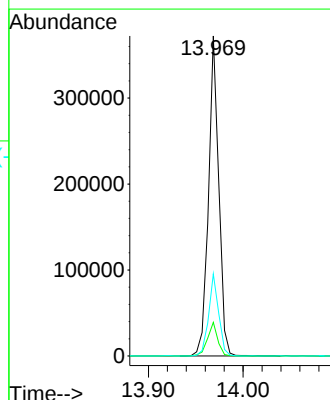
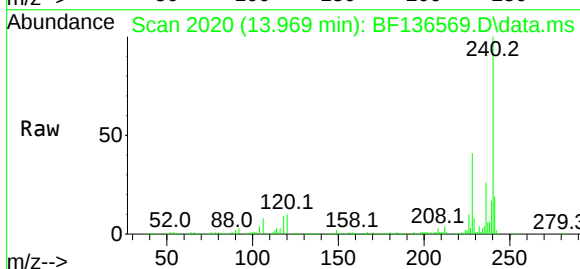
Tgt Ion:240 Resp: 279678

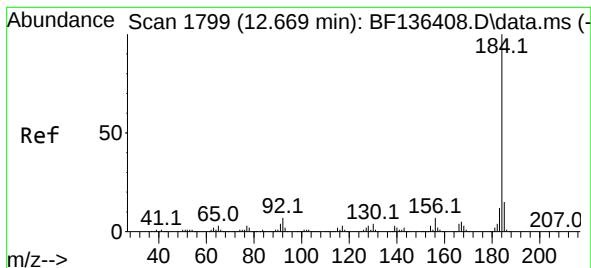
Ion Ratio Lower Upper

240 100

120 10.5 7.3 10.9

236 25.6 21.3 31.9





#77

Benzidine

Concen: 44.032 ng

RT: 12.657 min Scan# 11

Delta R.T. -0.012 min

Lab File: BF136569.D

Acq: 14 Dec 2023 15:35

Instrument :

BNA_F

ClientSampleId :

PB157641BSD

Tgt Ion:184 Resp: 299892

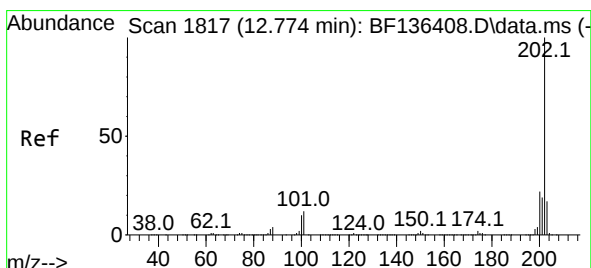
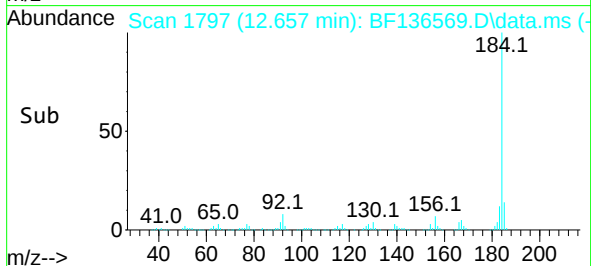
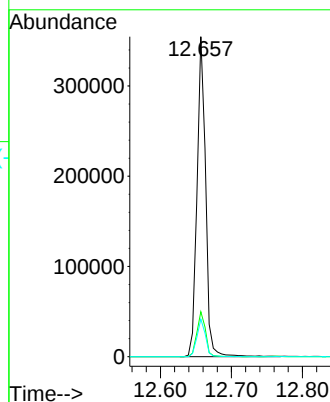
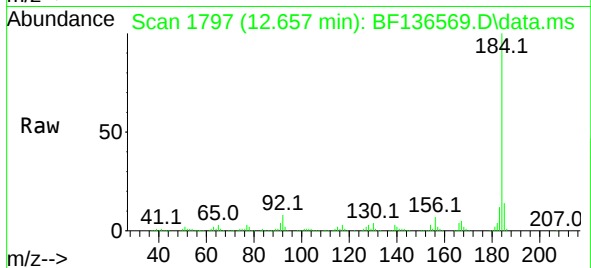
Ion	Ratio	Lower	Upper
184	100		
185	14.0	12.0	18.0
183	11.7	9.4	14.0

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 12/15/2023

Supervised By :mohammad ahmed 12/15/2023



#78

Pyrene

Concen: 43.623 ng

RT: 12.763 min Scan# 1815

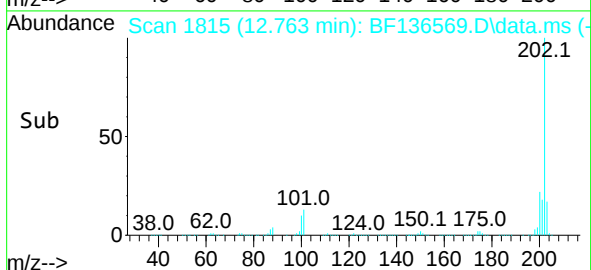
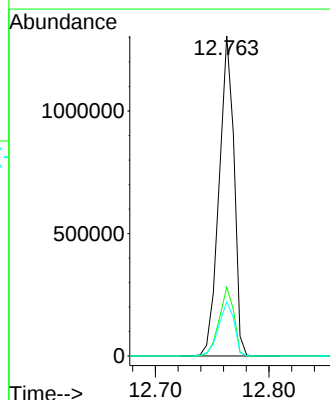
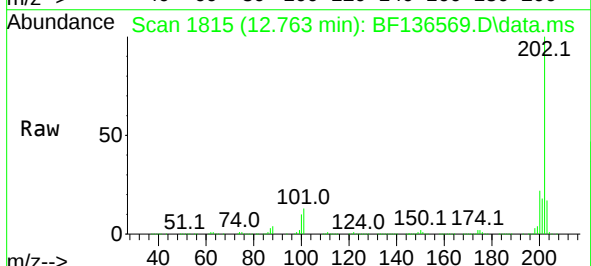
Delta R.T. -0.012 min

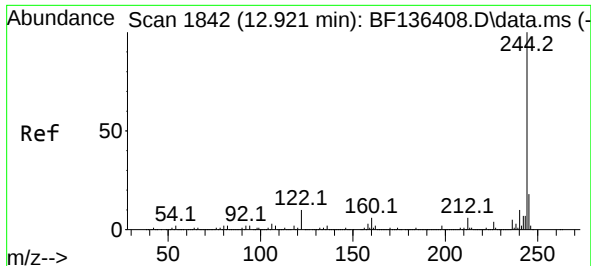
Lab File: BF136569.D

Acq: 14 Dec 2023 15:35

Tgt Ion:202 Resp: 1194854

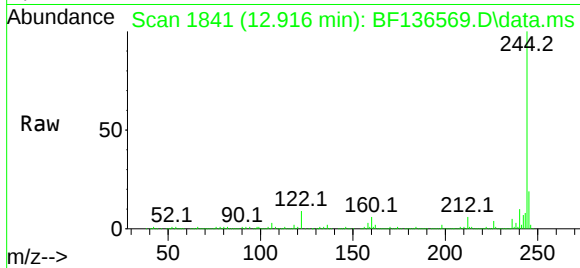
Ion	Ratio	Lower	Upper
202	100		
200	21.5	18.0	27.0
203	16.9	13.5	20.3





#79
 Terphenyl-d14
 Concen: 85.353 ng
 RT: 12.916 min Scan# 1841
 Delta R.T. -0.006 min
 Lab File: BF136569.D
 Acq: 14 Dec 2023 15:35

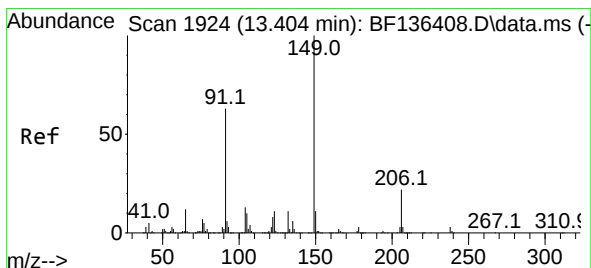
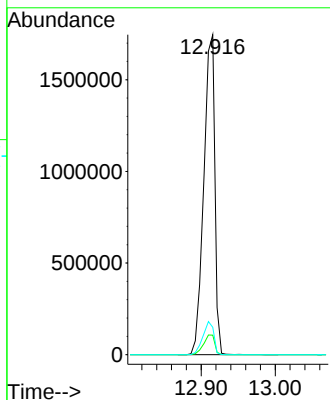
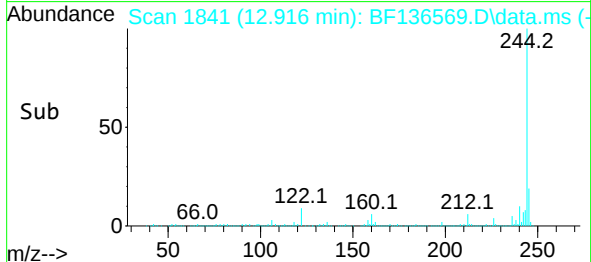
Instrument :
 BNA_F
 ClientSampleId :
 PB157641BSD



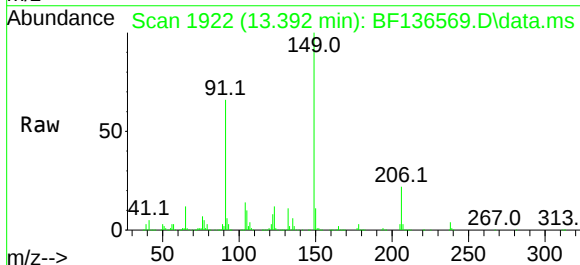
Tgt Ion:244 Resp: 1811119
 Ion Ratio Lower Upper
 244 100
 212 6.1 5.0 7.4
 122 8.6 8.3 12.5

Manual Integrations
 APPROVED

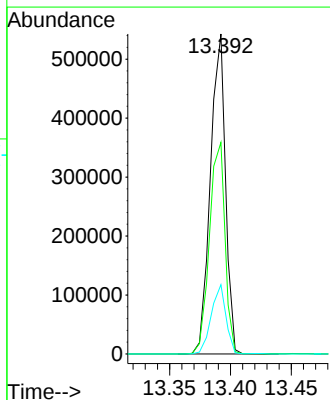
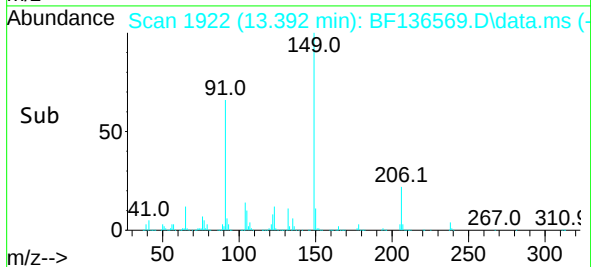
Reviewed By :Yogesh Patel 12/15/2023
 Supervised By :mohammad ahmed 12/15/2023

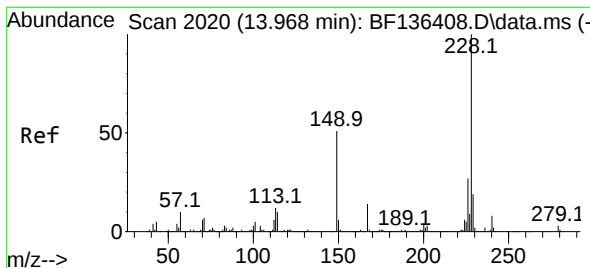


#80
 Butylbenzylphthalate
 Concen: 47.934 ng
 RT: 13.392 min Scan# 1922
 Delta R.T. -0.012 min
 Lab File: BF136569.D
 Acq: 14 Dec 2023 15:35



Tgt Ion:149 Resp: 467381
 Ion Ratio Lower Upper
 149 100
 91 66.1 50.5 75.7
 206 21.6 17.4 26.2





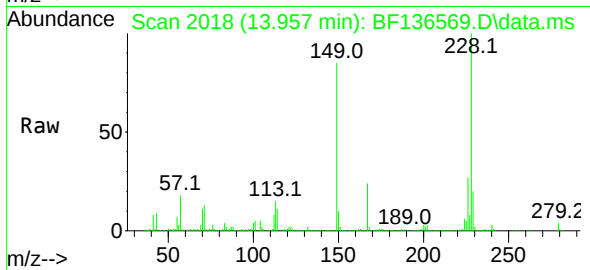
#81
Benzo(a)anthracene
Concen: 44.895 ng
RT: 13.957 min Scan# 2018
Delta R.T. -0.012 min
Lab File: BF136569.D
Acq: 14 Dec 2023 15:35

Instrument :

BNA_F

ClientSampleId :

PB157641BSD

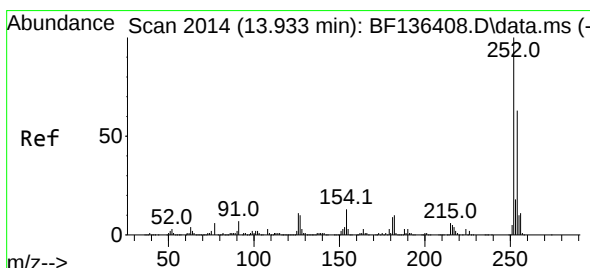
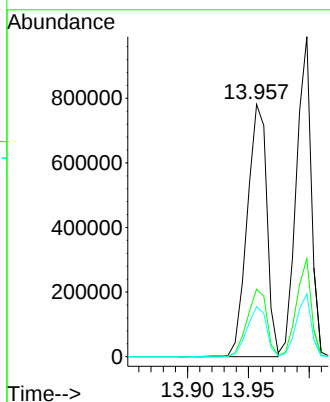
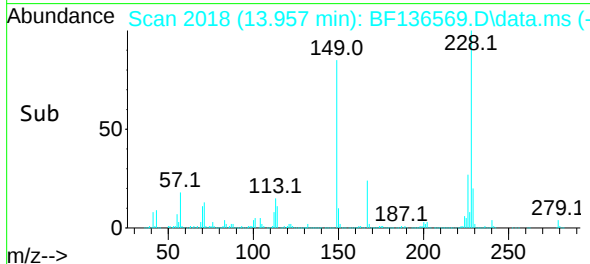


Tgt Ion:228 Resp: 874611
Ion Ratio Lower Upper
228 100
226 26.8 21.8 32.8
229 19.8 15.0 22.4

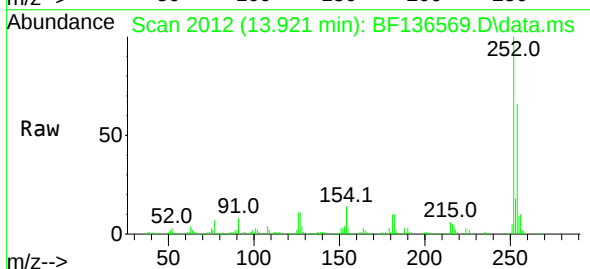
Manual Integrations

APPROVED

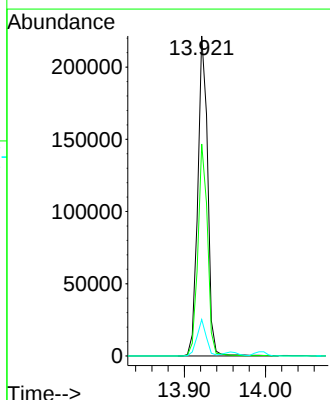
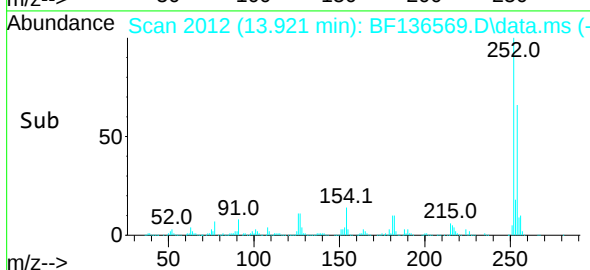
Reviewed By :Yogesh Patel 12/15/2023
Supervised By :mohammad ahmed 12/15/2023



#82
3,3'-Dichlorobenzidine
Concen: 34.441 ng
RT: 13.921 min Scan# 2012
Delta R.T. -0.012 min
Lab File: BF136569.D
Acq: 14 Dec 2023 15:35



Tgt Ion:252 Resp: 188122
Ion Ratio Lower Upper
252 100
254 66.2 50.8 76.2
126 11.4 8.6 12.8





#83

Chrysene

Concen: 44.125 ng

RT: 13.998 min Scan# 2018

Delta R.T. -0.006 min

Lab File: BF136569.D

Acq: 14 Dec 2023 15:35

Instrument :

BNA_F

ClientSampleId :

PB157641BSD

Tgt Ion:228 Resp: 84575

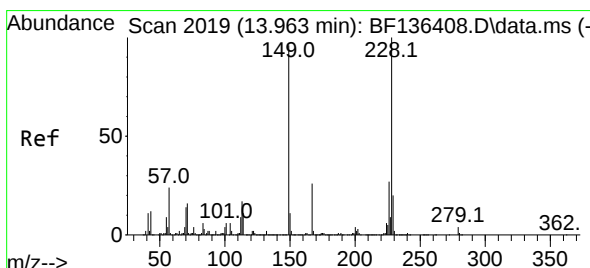
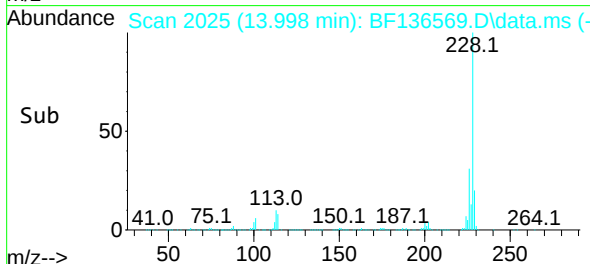
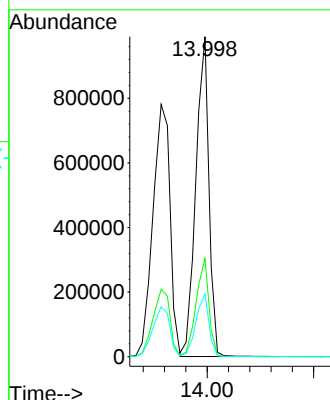
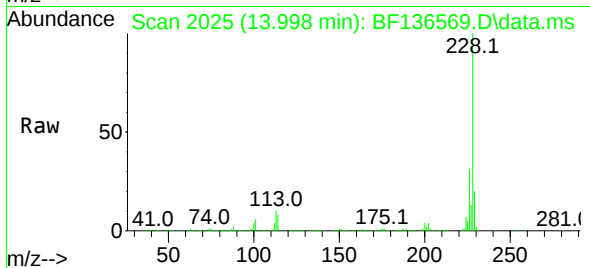
Ion	Ratio	Lower	Upper
228	100		
226	30.7	23.8	35.6
229	19.7	14.8	22.2

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 12/15/2023

Supervised By :mohammad ahmed 12/15/2023



#84

Bis(2-ethylhexyl)phthalate

Concen: 51.397 ng

RT: 13.957 min Scan# 2018

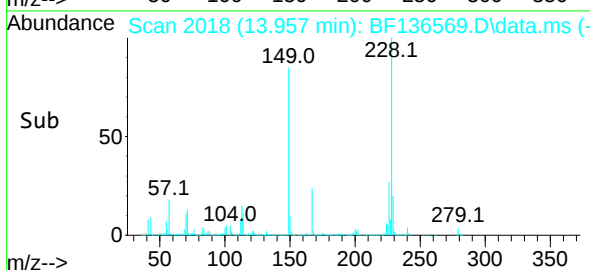
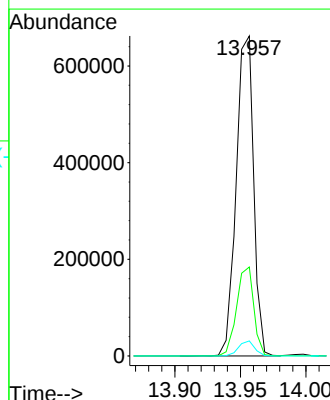
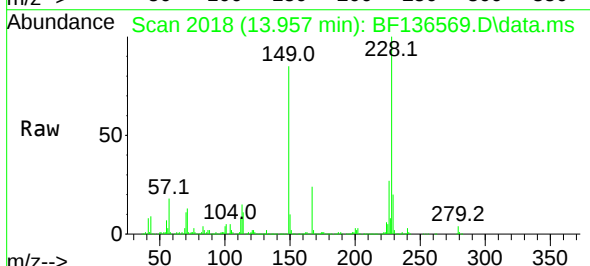
Delta R.T. -0.006 min

Lab File: BF136569.D

Acq: 14 Dec 2023 15:35

Tgt Ion:149 Resp: 614365

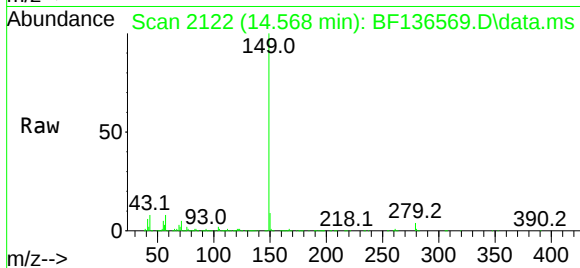
Ion	Ratio	Lower	Upper
149	100		
167	27.8	21.2	31.8
279	4.7	3.1	4.7#





#85
Di-n-octyl phthalate
Concen: 53.706 ng
RT: 14.568 min Scan# 2124
Delta R.T. -0.012 min
Lab File: BF136569.D
Acq: 14 Dec 2023 15:35

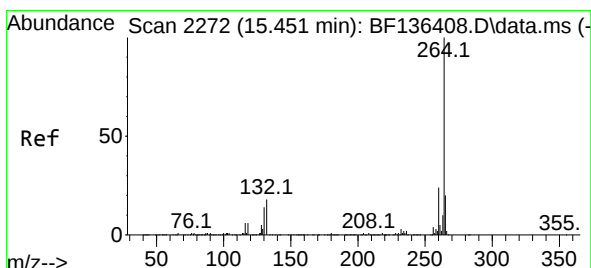
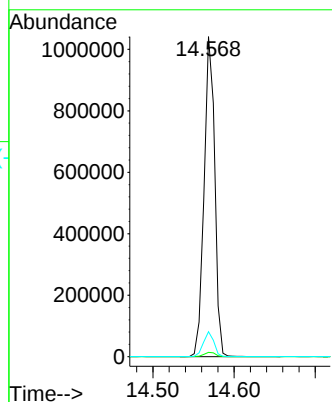
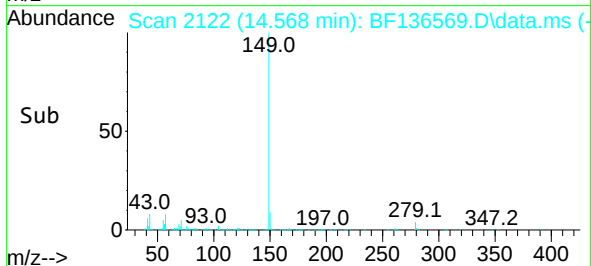
Instrument :
BNA_F
ClientSampleId :
PB157641BSD



Tgt Ion:149 Resp: 948244
Ion Ratio Lower Upper
149 100
167 1.5 1.3 1.9
43 7.7 6.8 10.2

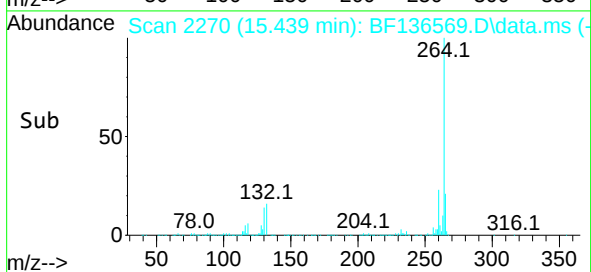
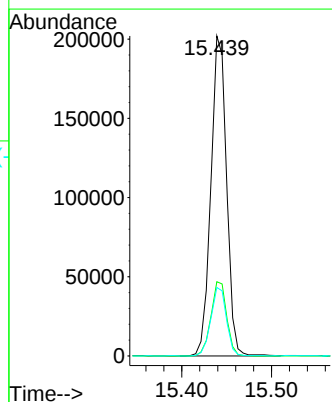
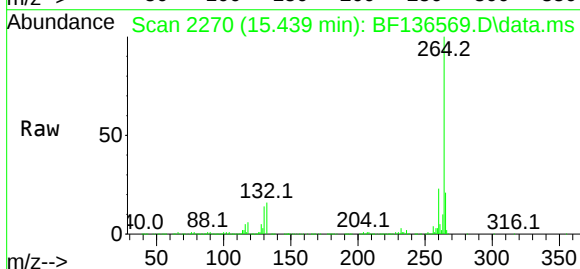
Manual Integrations
APPROVED

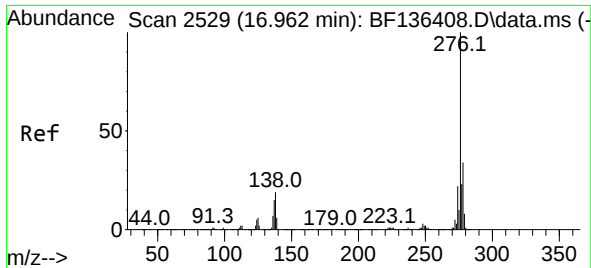
Reviewed By :Yogesh Patel 12/15/2023
Supervised By :mohammad ahmed 12/15/2023



#86
Perylene-d12
Concen: 20.000 ng
RT: 15.439 min Scan# 2270
Delta R.T. -0.012 min
Lab File: BF136569.D
Acq: 14 Dec 2023 15:35

Tgt Ion:264 Resp: 245323
Ion Ratio Lower Upper
264 100
260 23.2 19.2 28.8
265 21.4 15.9 23.9





#87
 Indeno(1,2,3-cd)pyrene
 Concen: 47.100 ng
 RT: 16.951 min Scan# 211
 Delta R.T. -0.012 min
 Lab File: BF136569.D
 Acq: 14 Dec 2023 15:35

Instrument :

BNA_F

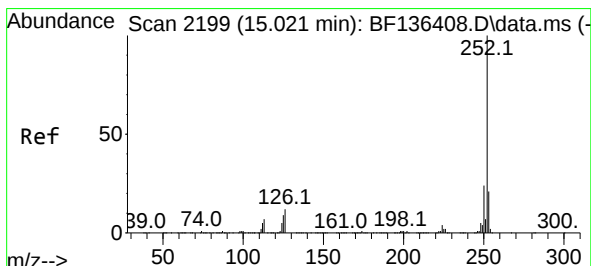
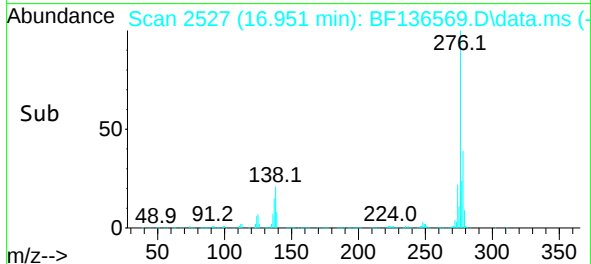
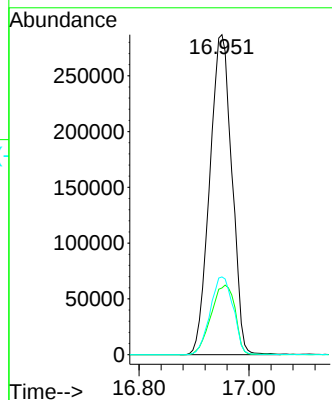
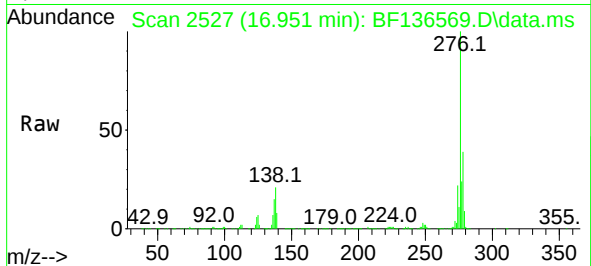
ClientSampleId :

PB157641BSD

Tgt Ion:276 Resp: 802740
 Ion Ratio Lower Upper
 276 100
 138 23.7 19.0 28.4
 277 25.3 20.0 30.0

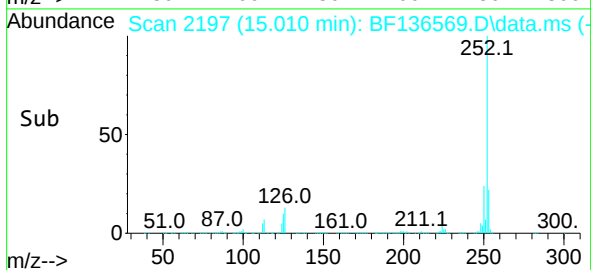
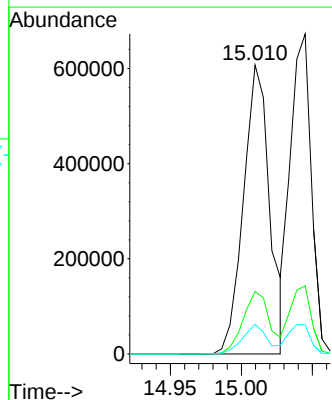
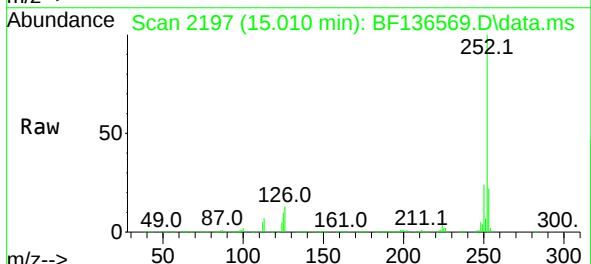
Manual Integrations
 APPROVED

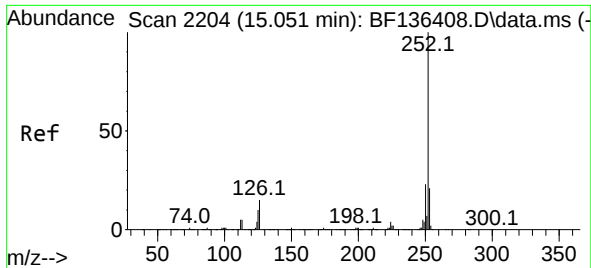
Reviewed By :Yogesh Patel 12/15/2023
 Supervised By :mohammad ahmed 12/15/2023



#88
 Benzo(b)fluoranthene
 Concen: 46.549 ng
 RT: 15.010 min Scan# 2197
 Delta R.T. -0.012 min
 Lab File: BF136569.D
 Acq: 14 Dec 2023 15:35

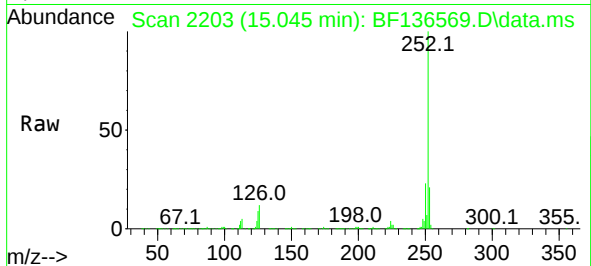
Tgt Ion:252 Resp: 780784
 Ion Ratio Lower Upper
 252 100
 253 21.6 16.9 25.3
 125 10.2 7.4 11.2





#89
Benzo(k)fluoranthene
Concen: 43.841 ng
RT: 15.045 min Scan# 21
Delta R.T. -0.006 min
Lab File: BF136569.D
Acq: 14 Dec 2023 15:35

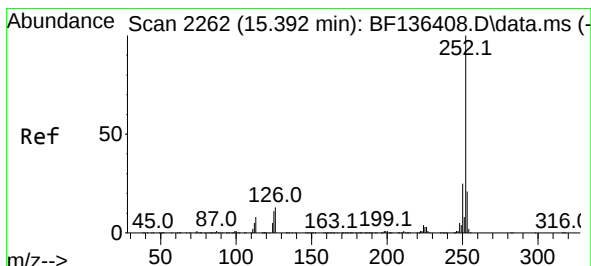
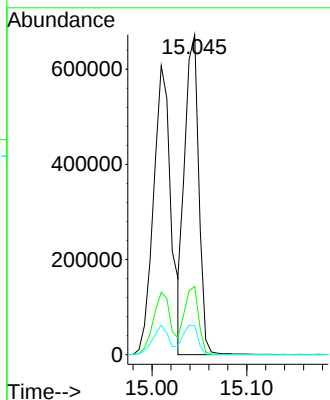
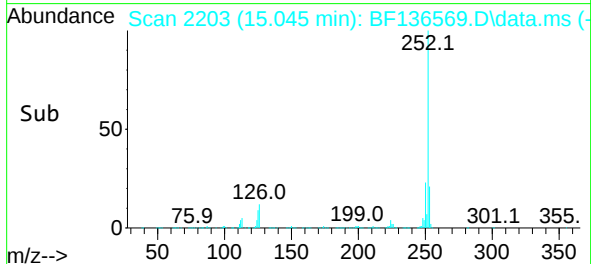
Instrument :
BNA_F
ClientSampleId :
PB157641BSD



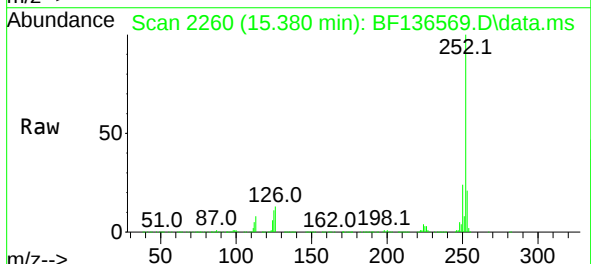
Tgt Ion:252 Resp: 693010
Ion Ratio Lower Upper
252 100
253 21.3 16.9 25.3
125 9.1 7.5 11.3

Manual Integrations
APPROVED

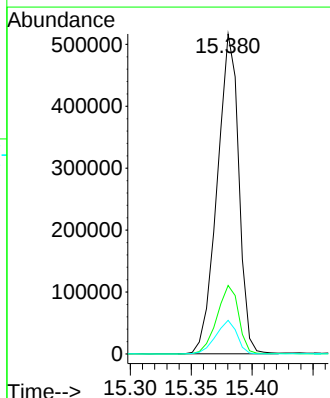
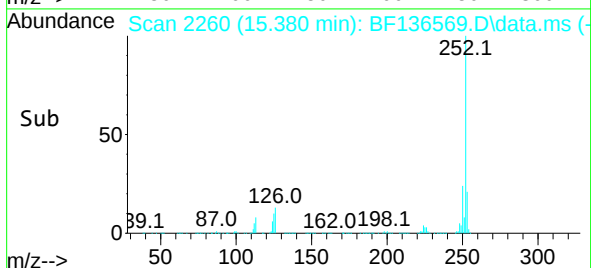
Reviewed By :Yogesh Patel 12/15/2023
Supervised By :mohammad ahmed 12/15/2023

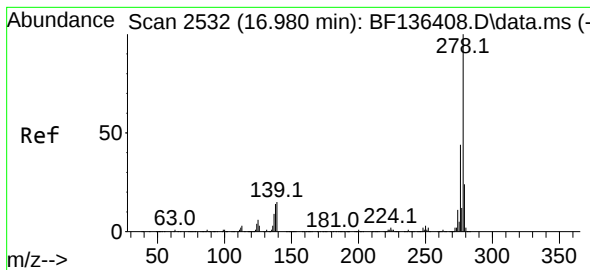


#90
Benzo(a)pyrene
Concen: 46.083 ng
RT: 15.380 min Scan# 2260
Delta R.T. -0.012 min
Lab File: BF136569.D
Acq: 14 Dec 2023 15:35



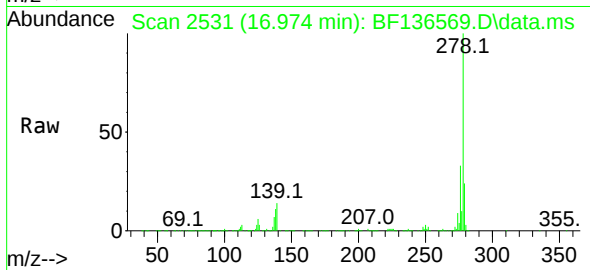
Tgt Ion:252 Resp: 638346
Ion Ratio Lower Upper
252 100
253 21.4 17.0 25.4
125 10.5 8.6 13.0





#91
Dibenzo(a,h)anthracene
Concen: 48.051 ng
RT: 16.974 min Scan# 21
Delta R.T. -0.006 min
Lab File: BF136569.D
Acq: 14 Dec 2023 15:35

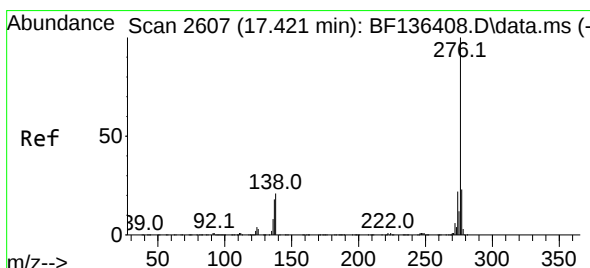
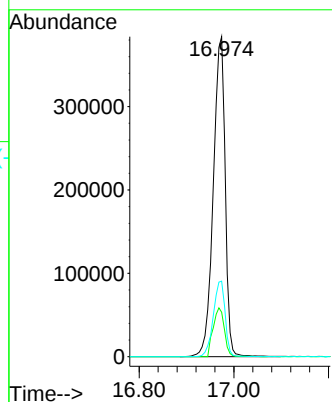
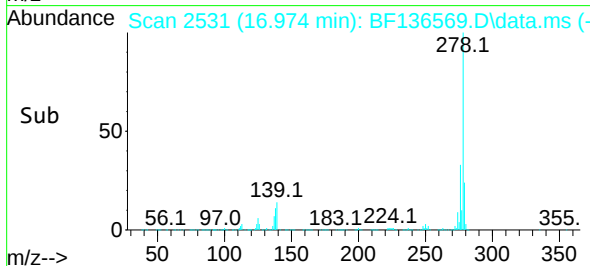
Instrument :
BNA_F
ClientSampleId :
PB157641BSD



Tgt Ion:278 Resp: 67090
Ion Ratio Lower Upper
278 100
139 13.9 12.2 18.4
279 23.6 19.0 28.4

Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 12/15/2023
Supervised By :mohammad ahmed 12/15/2023



#92
Benzo(g,h,i)perylene
Concen: 45.399 ng
RT: 17.409 min Scan# 2605
Delta R.T. -0.012 min
Lab File: BF136569.D
Acq: 14 Dec 2023 15:35

Tgt Ion:276 Resp: 650613
Ion Ratio Lower Upper
276 100
277 23.0 18.7 28.1
138 19.5 16.6 25.0

