

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF121423\
 Data File : BF136565.D
 Acq On : 14 Dec 2023 13:27
 Operator : CG\JU
 Sample : PB157494BS
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB157494BS

Manual Integrations
 APPROVED

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

Quant Time: Dec 14 14:47:57 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	113906	20.000	ng	-0.02
21) Naphthalene-d8	8.069	136	464007	20.000	ng	-0.01
39) Acenaphthene-d10	9.828	164	244924	20.000	ng	-0.01
64) Phenanthrene-d10	11.316	188	465532	20.000	ng	-0.01
76) Chrysene-d12	13.968	240	283591	20.000	ng	-0.01
86) Perylene-d12	15.445	264	247746	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.440	112	661125	85.717	ng	0.00
7) Phenol-d6	6.434	99	815209	84.714	ng	-0.01
23) Nitrobenzene-d5	7.357	82	718624	83.725	ng	-0.01
42) 2,4,6-Tribromophenol	10.622	330	269386	89.203	ng	-0.01
45) 2-Fluorobiphenyl	9.151	172	1504780	83.833	ng	-0.01
79) Terphenyl-d14	12.916	244	1805695	83.923	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	2.657	88	109870	36.015	ng	97
3) Pyridine	3.410	79	279521	37.835	ng	96
4) n-Nitrosodimethylamine	3.387	42	136472	42.519	ng	100
6) Aniline	6.457	93	360181	37.036	ng	99
8) 2-Chlorophenol	6.575	128	378971	45.008	ng	99
9) Benzaldehyde	6.340	77	132101	24.759	ng	98
10) Phenol	6.451	94	441078	43.075	ng	79
11) bis(2-Chloroethyl)ether	6.528	93	324933	42.572	ng	98
12) 1,3-Dichlorobenzene	6.728	146	389061	41.086	ng	98
13) 1,4-Dichlorobenzene	6.804	146	390610	40.664	ng	97
14) 1,2-Dichlorobenzene	6.957	146	372241	41.209	ng	99
15) Benzyl Alcohol	6.934	79	298560	46.332	ng	98
16) 2,2'-oxybis(1-Chloropr...	7.063	45	401182	40.868	ng	94
17) 2-Methylphenol	7.051	107	298954	43.947	ng	97
18) Hexachloroethane	7.292	117	137895	41.117	ng	98
19) n-Nitroso-di-n-propyla...	7.204	70	237908	42.858	ng	97
20) 3+4-Methylphenols	7.204	107	364211	43.134	ng	# 84
22) Acetophenone	7.198	105	497255	43.398	ng	# 98
24) Nitrobenzene	7.375	77	355139	41.131	ng	94
25) Isophorone	7.610	82	659321	42.756	ng	98
26) 2-Nitrophenol	7.686	139	193224	45.520	ng	96
27) 2,4-Dimethylphenol	7.728	122	333223	63.663	ng	98
28) bis(2-Chloroethoxy)met...	7.822	93	411691	43.448	ng	98
29) 2,4-Dichlorophenol	7.928	162	312735	45.266	ng	98
30) 1,2,4-Trichlorobenzene	8.010	180	342857	42.559	ng	98
31) Naphthalene	8.092	128	1080469	42.225	ng	100
32) Benzoic acid	7.869	122	201567	38.820	ng	99
33) 4-Chloroaniline	8.139	127	177143	19.418	ng	98
34) Hexachlorobutadiene	8.204	225	198727	41.624	ng	97
35) Caprolactam	8.522	113	98424m	46.261	ng	
36) 4-Chloro-3-methylphenol	8.633	107	330507	45.055	ng	97
37) 2-Methylnaphthalene	8.781	142	708540	43.525	ng	95
38) 1-Methylnaphthalene	8.881	142	660584	41.353	ng	96
40) 1,2,4,5-Tetrachloroben...	8.951	216	339019	44.491	ng	99
41) Hexachlorocyclopentadiene	8.933	237	415005	147.009	ng	99
43) 2,4,6-Trichlorophenol	9.063	196	225591	45.468	ng	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.110	196	243712	44.011	ng	92
46) 1,1'-Biphenyl	9.251	154	896888	43.036	ng	98
47) 2-Chloronaphthalene	9.275	162	682390	42.069	ng	98
48) 2-Nitroaniline	9.375	65	194291	44.660	ng	88
49) Acenaphthylene	9.686	152	1034747	44.781	ng	99
50) Dimethylphthalate	9.557	163	805207	44.654	ng	99
51) 2,6-Dinitrotoluene	9.616	165	177286	43.702	ng	96
52) Acenaphthene	9.863	154	647352	43.719	ng	97
53) 3-Nitroaniline	9.786	138	125187	30.219	ng	96
54) 2,4-Dinitrophenol	9.898	184	184829	90.113	ng	94
55) Dibenzofuran	10.033	168	949545	43.897	ng	99
56) 4-Nitrophenol	9.963	139	290647	93.591	ng	96
57) 2,4-Dinitrotoluene	10.022	165	235064	43.802	ng	# 90
58) Fluorene	10.375	166	748663	43.116	ng	99
59) 2,3,4,6-Tetrachlorophenol	10.151	232	212135	47.825	ng	98
60) Diethylphthalate	10.257	149	772522	43.568	ng	99
61) 4-Chlorophenyl-phenyle...	10.369	204	371050	43.834	ng	98
62) 4-Nitroaniline	10.410	138	182011	44.248	ng	99
63) Azobenzene	10.533	77	686957	42.564	ng	99
65) 4,6-Dinitro-2-methylph...	10.433	198	133752	46.392	ng	91
66) n-Nitrosodiphenylamine	10.492	169	675391	45.213	ng	99
67) 4-Bromophenyl-phenylether	10.863	248	239463	44.242	ng	99
68) Hexachlorobenzene	10.927	284	274637	43.902	ng	# 90
69) Atrazine	11.027	200	235049	55.130	ng	98
70) Pentachlorophenol	11.122	266	278065	78.759	ng	98
71) Phenanthrene	11.345	178	1158480	45.275	ng	99
72) Anthracene	11.392	178	1180430	45.802	ng	99
73) Carbazole	11.551	167	1019682	44.702	ng	100
74) Di-n-butylphthalate	11.886	149	1243015	44.451	ng	99
75) Fluoranthene	12.533	202	1194420	44.544	ng	97
77) Benzidine	12.657	184	300150	43.696	ng	99
78) Pyrene	12.763	202	1199583	43.191	ng	98
80) Butylbenzylphthalate	13.392	149	466497	47.183	ng	98
81) Benzo(a)anthracene	13.957	228	895220	45.319	ng	99
82) 3,3'-Dichlorobenzidine	13.921	252	196154	35.416	ng	98
83) Chrysene	13.998	228	859258	44.212	ng	100
84) Bis(2-ethylhexyl)phtha...	13.951	149	609038	50.249	ng	99
85) Di-n-octyl phthalate	14.568	149	954932	53.339	ng	98
87) Indeno(1,2,3-cd)pyrene	16.951	276	819030	47.586	ng	99
88) Benzo(b)fluoranthene	15.010	252	773089	45.640	ng	99
89) Benzo(k)fluoranthene	15.045	252	714315	44.747	ng	100
90) Benzo(a)pyrene	15.386	252	647107	46.258	ng	98
91) Dibenzo(a,h)anthracene	16.974	278	678906	48.148	ng	98
92) Benzo(g,h,i)perylene	17.409	276	660756	45.656	ng	98

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

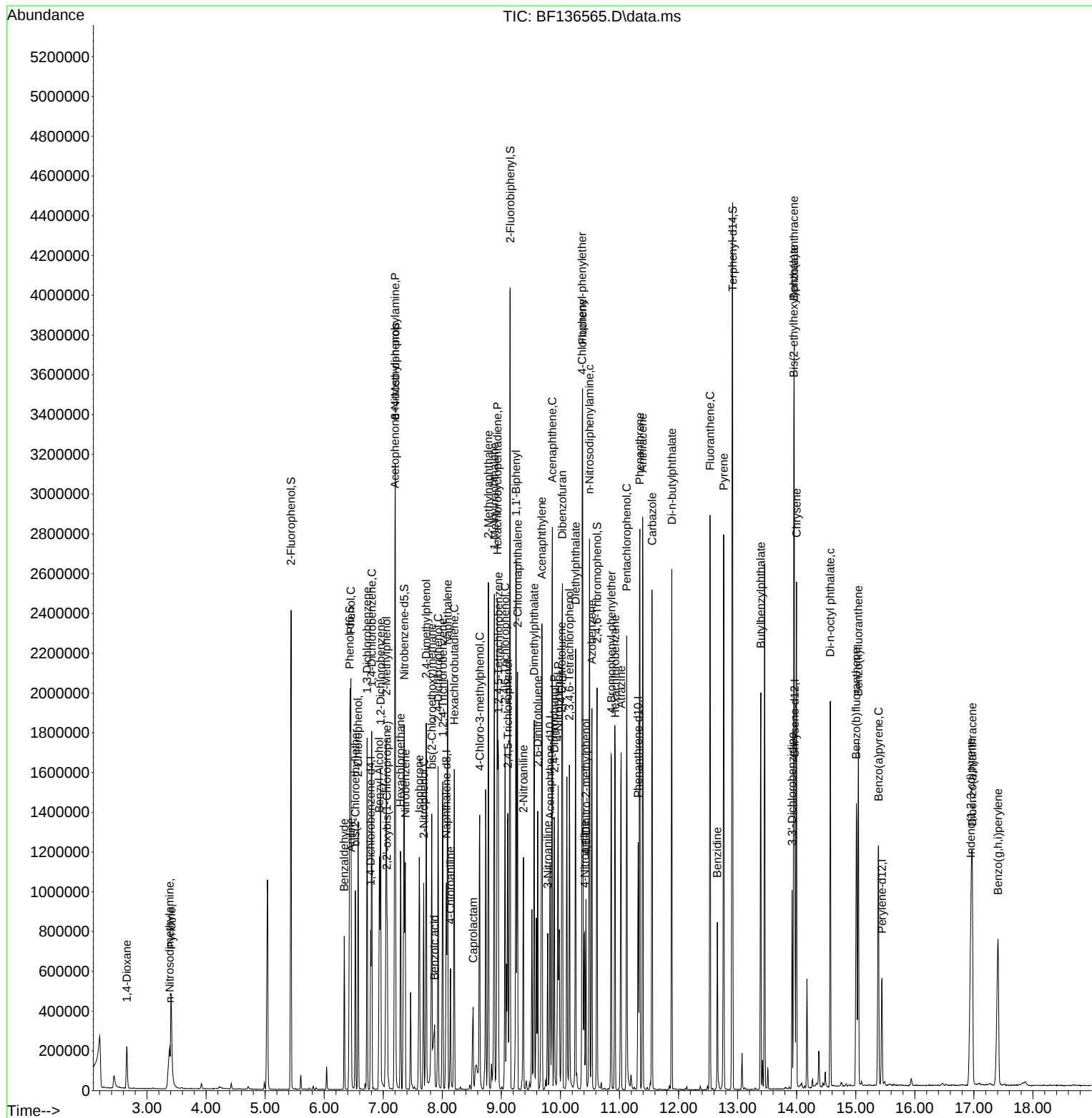
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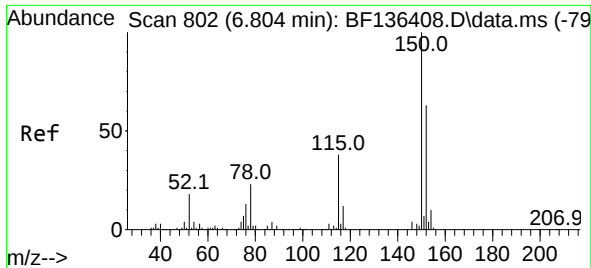
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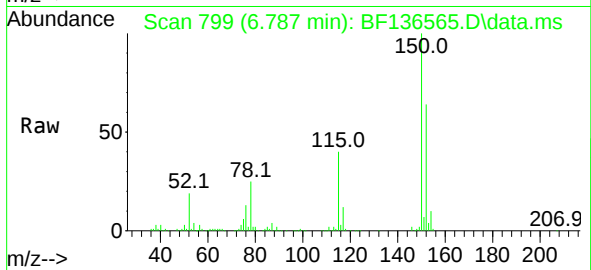
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#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.787 min Scan# 79
Delta R.T. -0.017 min
Lab File: BF136565.D
Acq: 14 Dec 2023 13:27

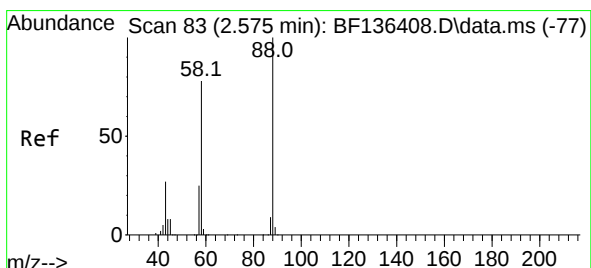
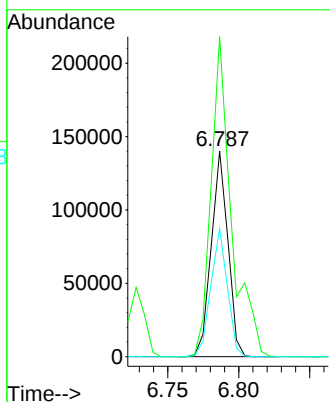
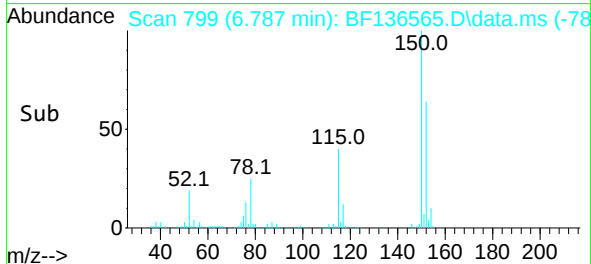
Instrument :
BNA_F
ClientSampleId :
PB157494BS



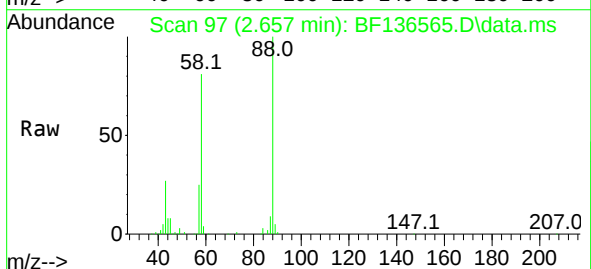
Tgt Ion:152 Resp: 113900
Ion Ratio Lower Upper
152 100
150 155.5 126.4 189.6
115 62.3 48.2 72.4

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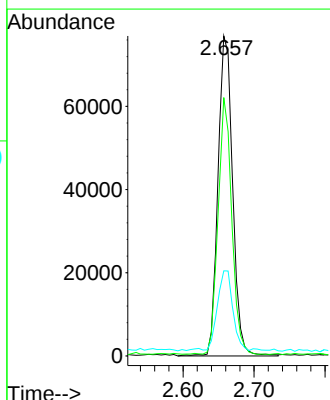
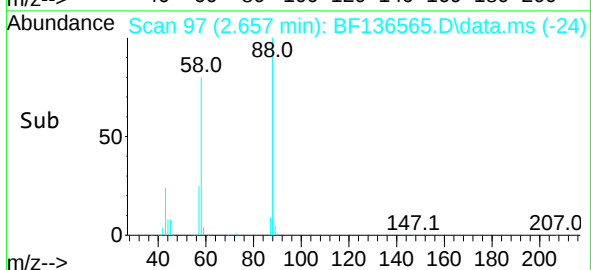
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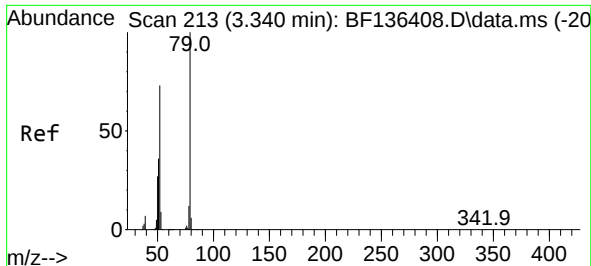


#2
1,4-Dioxane
Concen: 36.015 ng
RT: 2.657 min Scan# 97
Delta R.T. 0.082 min
Lab File: BF136565.D
Acq: 14 Dec 2023 13:27



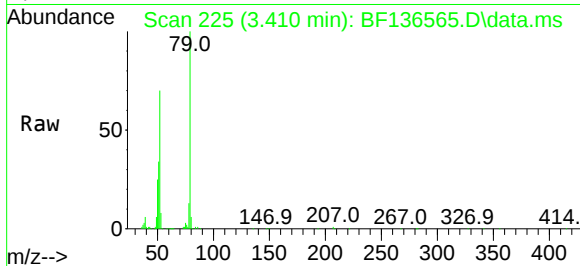
Tgt Ion: 88 Resp: 109870
Ion Ratio Lower Upper
88 100
58 74.8 62.2 93.2
43 26.1 21.5 32.3





#3
Pyridine
Concen: 37.835 ng
RT: 3.410 min Scan# 213
Delta R.T. 0.071 min
Lab File: BF136565.D
Acq: 14 Dec 2023 13:27

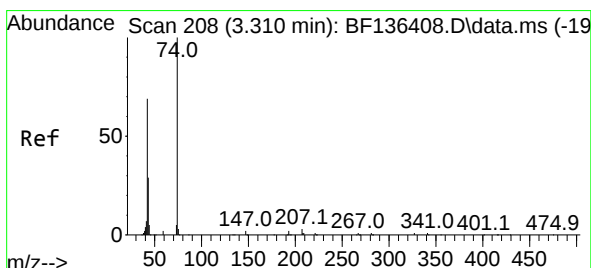
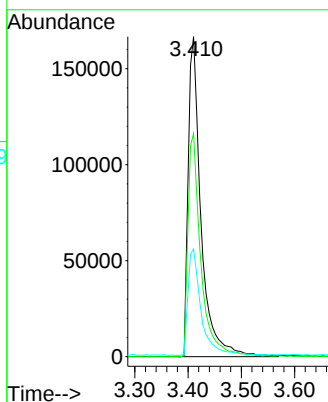
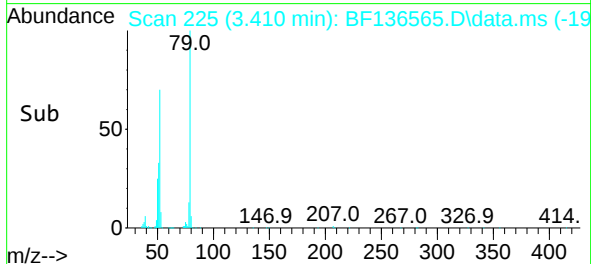
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PB157494BS



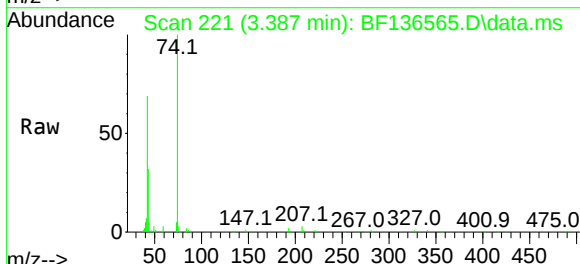
Tgt Ion: 79 Resp: 27952
Ion Ratio Lower Upper
79 100
52 69.7 58.2 87.2
51 33.6 29.1 43.7

Manual Integrations
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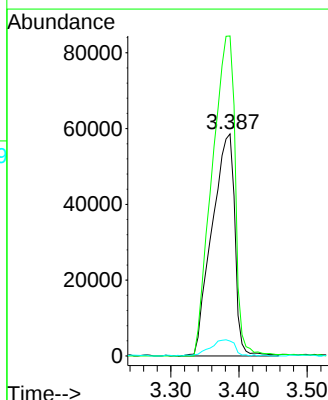
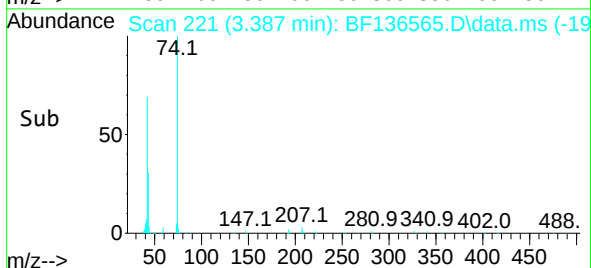
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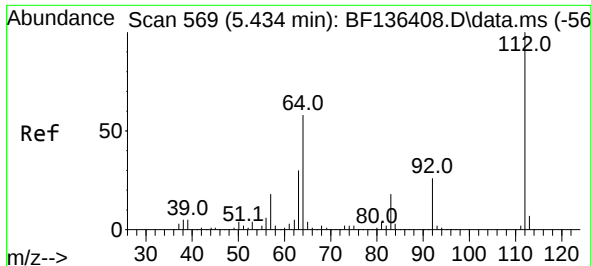


#4
n-Nitrosodimethylamine
Concen: 42.519 ng
RT: 3.387 min Scan# 221
Delta R.T. 0.076 min
Lab File: BF136565.D
Acq: 14 Dec 2023 13:27



Tgt Ion: 42 Resp: 136472
Ion Ratio Lower Upper
42 100
74 144.1 115.4 173.0
44 6.7 6.2 9.2





#5
2-Fluorophenol
Concen: 85.717 ng
RT: 5.440 min Scan# 511
Delta R.T. 0.006 min
Lab File: BF136565.D
Acq: 14 Dec 2023 13:27

Instrument :

BNA_F

ClientSampleId :

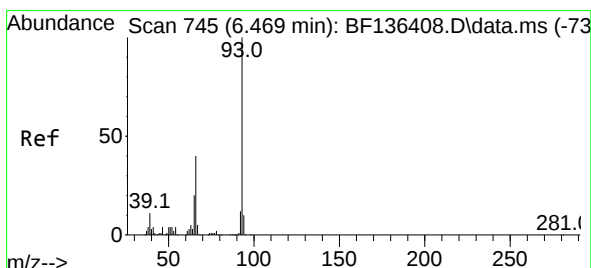
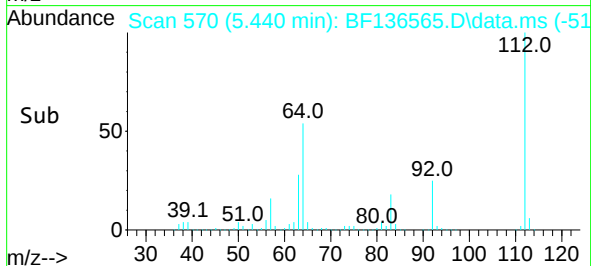
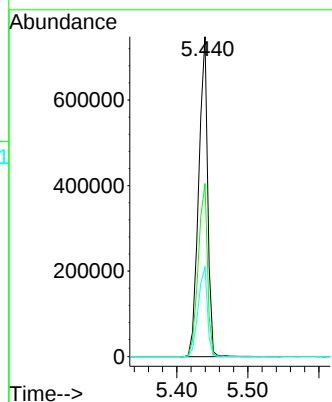
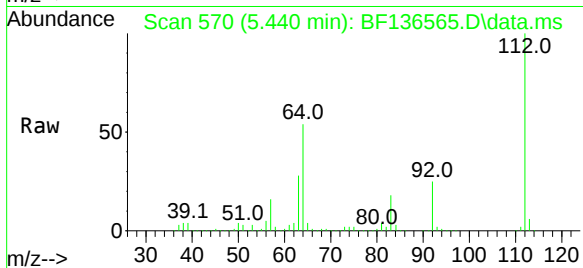
PB157494BS

Tgt Ion:112 Resp: 66112
Ion Ratio Lower Upper
112 100
64 54.1 46.5 69.7
63 28.0 23.9 35.9

Manual Integrations

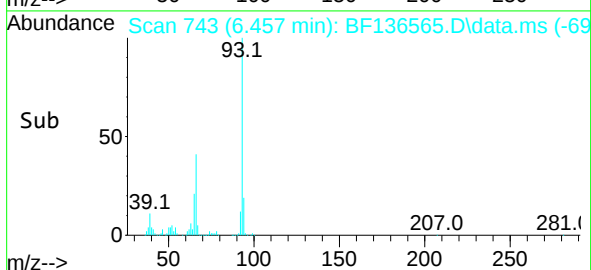
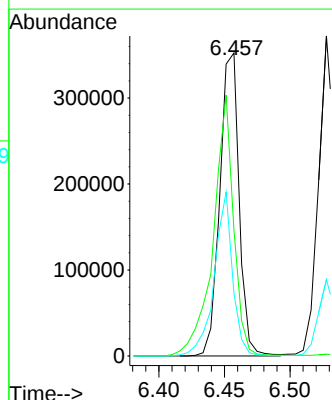
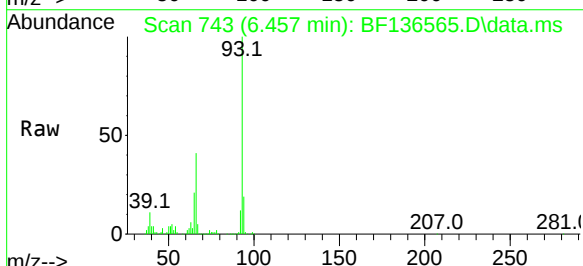
APPROVED

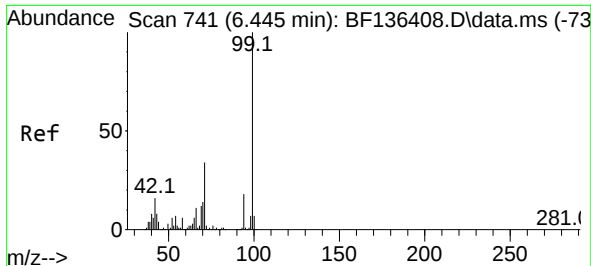
Reviewed By :Yogesh Patel 12/15/2023
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#6
Aniline
Concen: 37.036 ng
RT: 6.457 min Scan# 743
Delta R.T. -0.012 min
Lab File: BF136565.D
Acq: 14 Dec 2023 13:27

Tgt Ion: 93 Resp: 360181
Ion Ratio Lower Upper
93 100
66 41.4 32.5 48.7
65 20.7 16.4 24.6





#7

Phenol-d6

Concen: 84.714 ng

RT: 6.434 min Scan# 71

Delta R.T. -0.012 min

Lab File: BF136565.D

Acq: 14 Dec 2023 13:27

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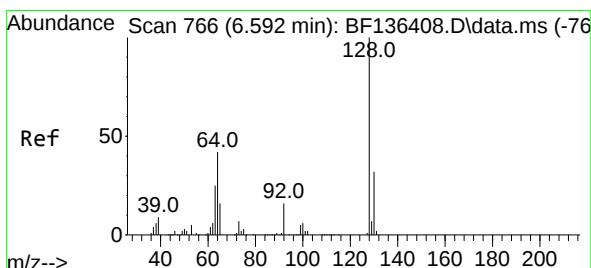
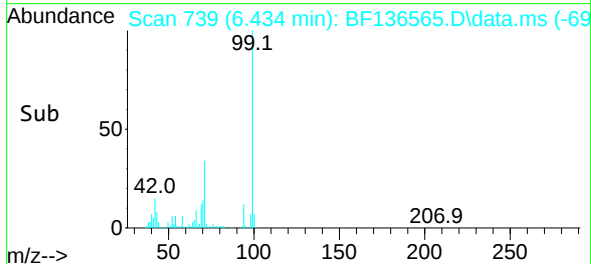
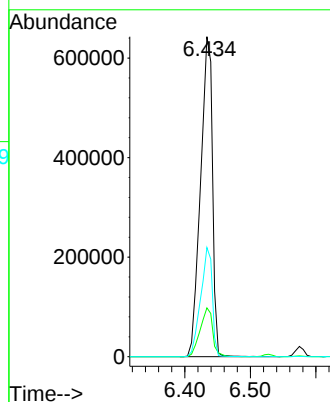
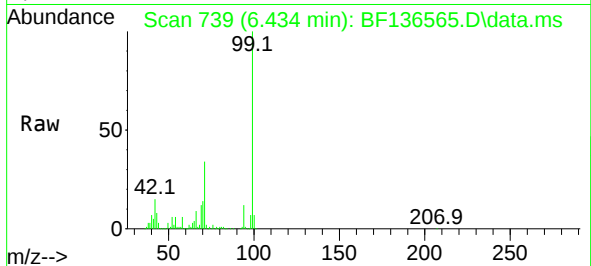
Tgt Ion:	99	Resp:	815209
Ion Ratio	Lower	Upper	
99	100		
42	15.3	12.8	19.2
71	34.1	27.0	40.4

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#8

2-Chlorophenol

Concen: 45.008 ng

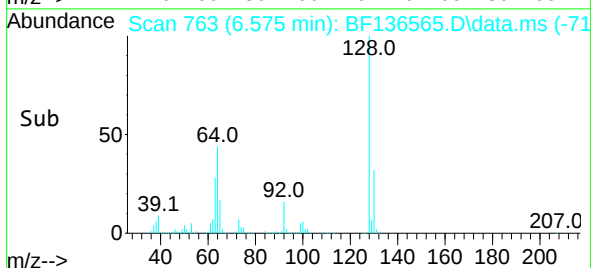
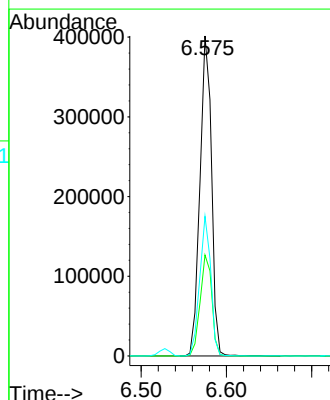
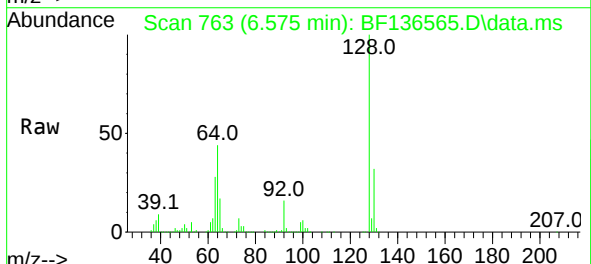
RT: 6.575 min Scan# 763

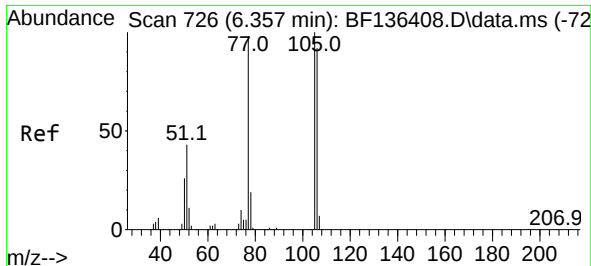
Delta R.T. -0.018 min

Lab File: BF136565.D

Acq: 14 Dec 2023 13:27

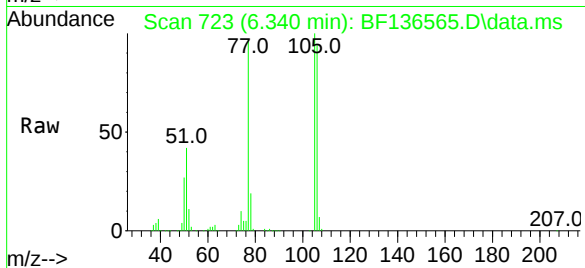
Tgt Ion:	128	Resp:	378971
Ion Ratio	Lower	Upper	
128	100		
130	31.6	11.7	51.7
64	43.6	22.5	62.5





#9
Benzaldehyde
Concen: 24.759 ng
RT: 6.340 min Scan# 71
Delta R.T. -0.018 min
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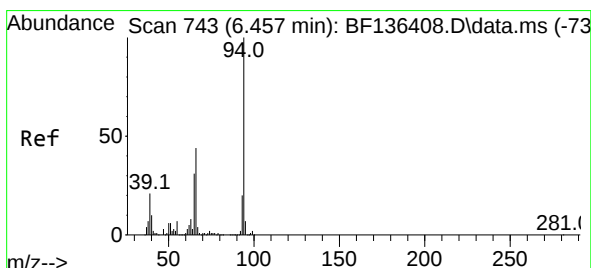
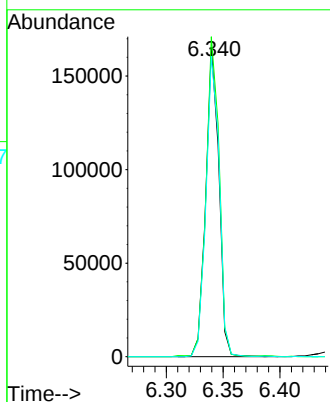
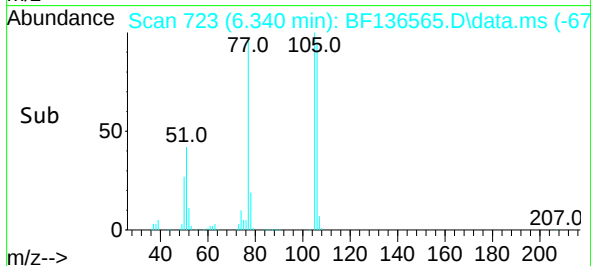
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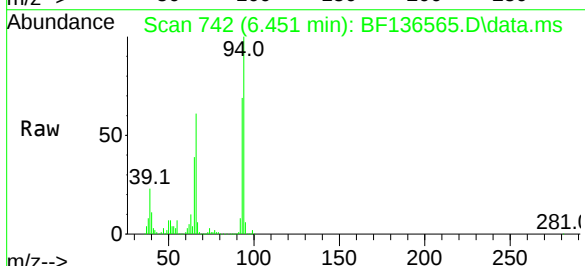
Tgt Ion: 77 Resp: 13210
Ion Ratio Lower Upper
77 100
105 103.4 82.5 122.5
106 97.1 74.5 114.5

Manual Integrations
APPROVED

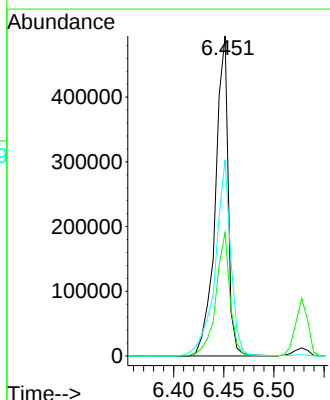
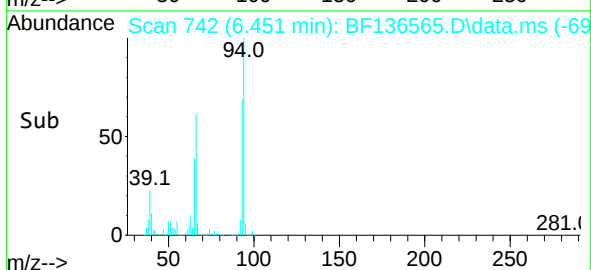
Reviewed By :Yogesh Patel 12/15/2023
Supervised By :mohammad ahmed 12/15/2023



#10
Phenol
Concen: 43.075 ng
RT: 6.451 min Scan# 742
Delta R.T. -0.006 min
Lab File: BF136565.D
Acq: 14 Dec 2023 13:27



Tgt Ion: 94 Resp: 441078
Ion Ratio Lower Upper
94 100
65 38.6 11.2 51.2
66 61.4 24.2 64.2





#11

bis(2-Chloroethyl)ether

Concen: 42.572 ng

RT: 6.528 min Scan# 71

Delta R.T. -0.018 min

Lab File: BF136565.D

Acq: 14 Dec 2023 13:27

Instrument :

BNA_F

ClientSampleId :

PB157494BS

Tgt Ion: 93 Resp: 32493

Ion Ratio Lower Upper

93 100

63 74.9 56.8 96.8

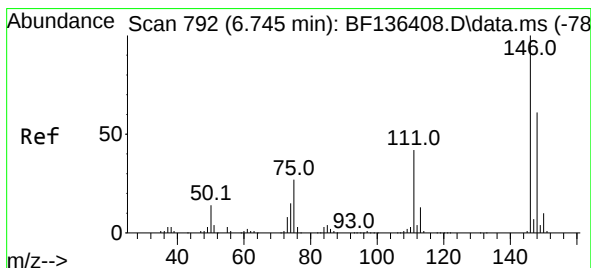
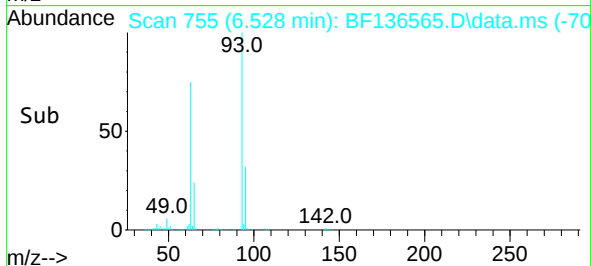
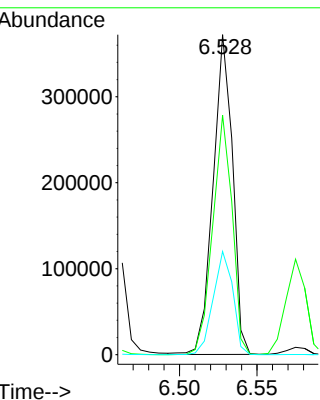
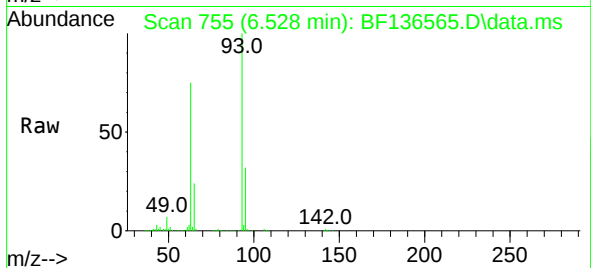
95 32.2 11.8 51.8

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 12/15/2023

Supervised By :mohammad ahmed 12/15/2023



#12

1,3-Dichlorobenzene

Concen: 41.086 ng

RT: 6.728 min Scan# 789

Delta R.T. -0.018 min

Lab File: BF136565.D

Acq: 14 Dec 2023 13:27

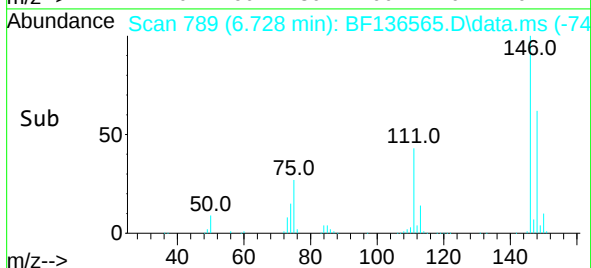
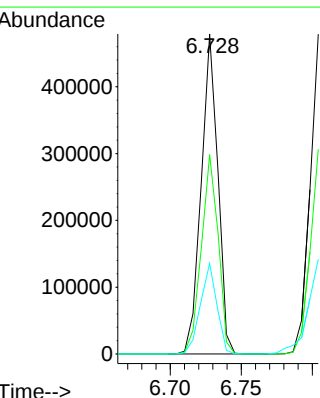
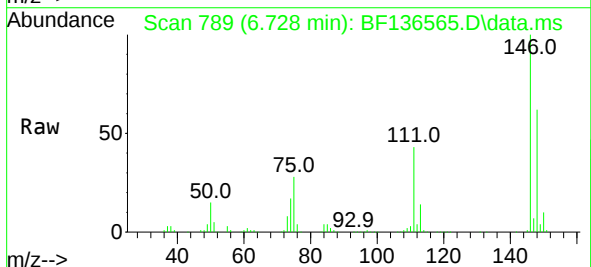
Tgt Ion:146 Resp: 389061

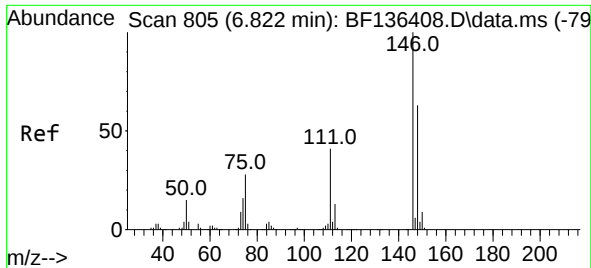
Ion Ratio Lower Upper

146 100

148 62.3 49.0 73.6

75 28.3 21.8 32.6





#13

1,4-Dichlorobenzene

Concen: 40.664 ng

RT: 6.804 min Scan# 805

Delta R.T. -0.018 min

Lab File: BF136565.D

Acq: 14 Dec 2023 13:27

Instrument :

BNA_F

ClientSampleId :

PB157494BS

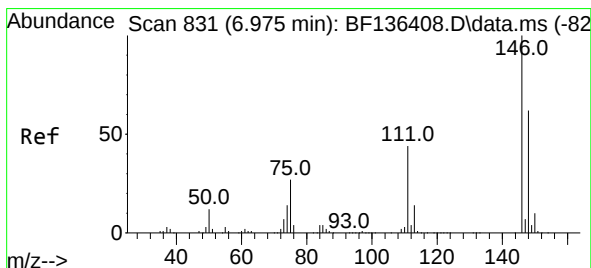
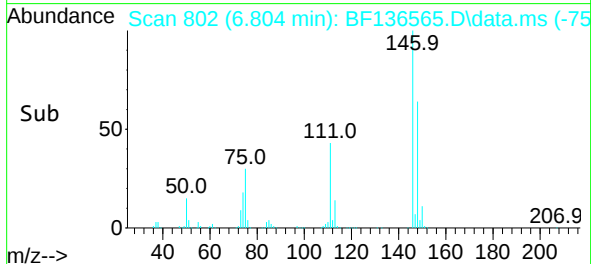
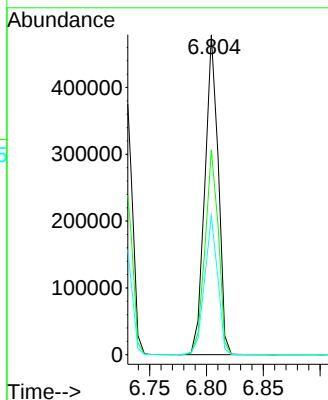
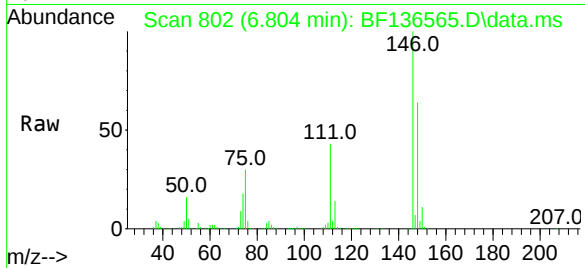
Tgt Ion:146 Resp: 390610
 Ion Ratio Lower Upper
 146 100
 148 64.1 50.3 75.5
 111 43.4 32.6 49.0

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 12/15/2023

Supervised By :mohammad ahmed 12/15/2023



#14

1,2-Dichlorobenzene

Concen: 41.209 ng

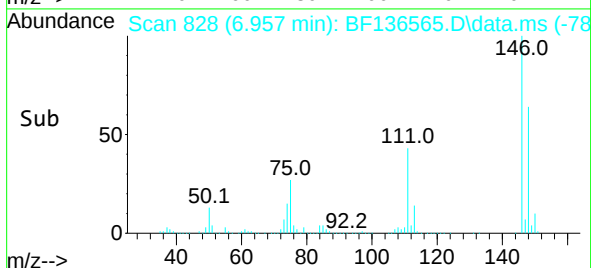
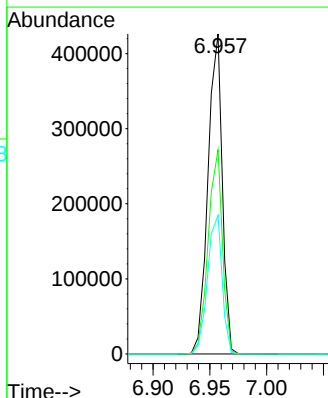
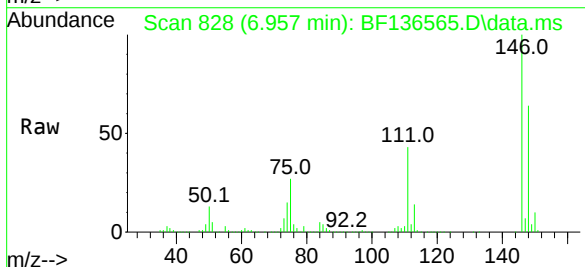
RT: 6.957 min Scan# 828

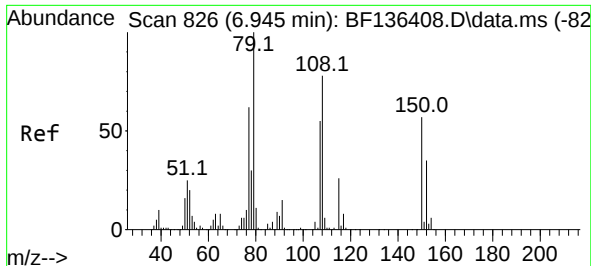
Delta R.T. -0.018 min

Lab File: BF136565.D

Acq: 14 Dec 2023 13:27

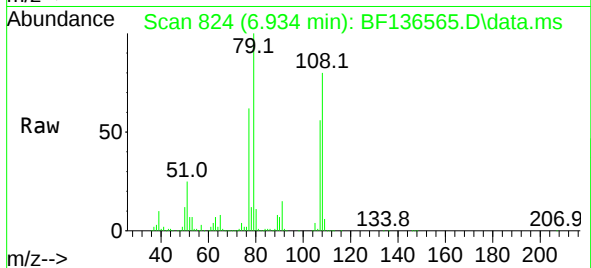
Tgt Ion:146 Resp: 372241
 Ion Ratio Lower Upper
 146 100
 148 63.8 49.8 74.6
 111 43.3 34.9 52.3





#15
Benzyl Alcohol
Concen: 46.332 ng
RT: 6.934 min Scan# 81
Delta R.T. -0.012 min
Lab File: BF136565.D
Acq: 14 Dec 2023 13:27

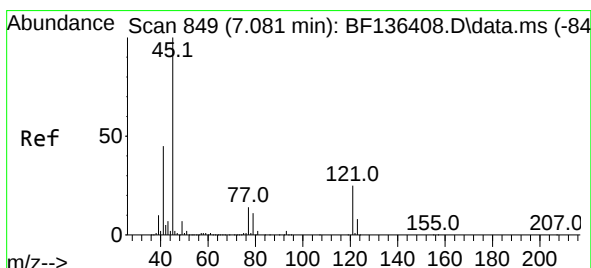
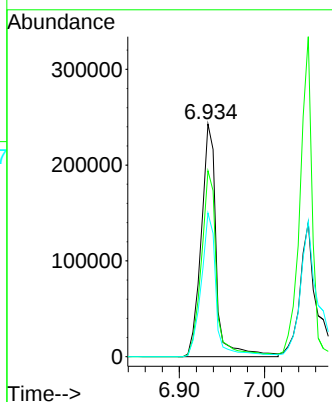
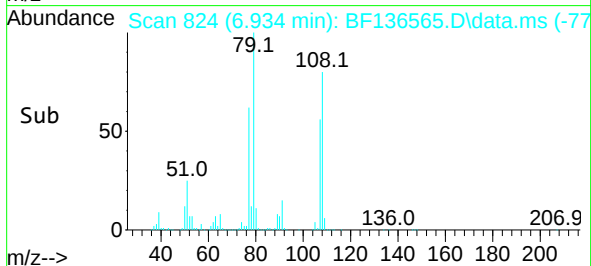
Instrument :
BNA_F
ClientSampleId :
PB157494BS



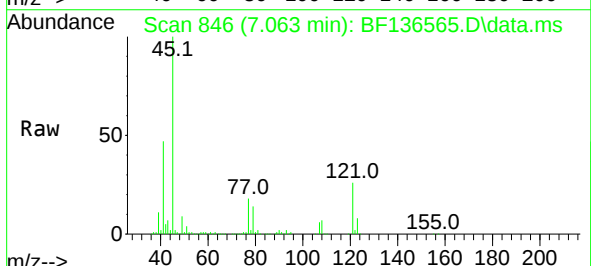
Tgt Ion: 79 Resp: 298560
Ion Ratio Lower Upper
79 100
108 79.9 62.3 93.5
77 61.7 49.8 74.8

Manual Integrations
APPROVED

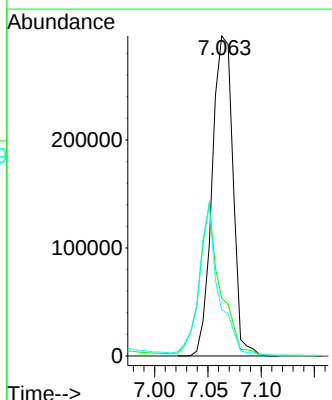
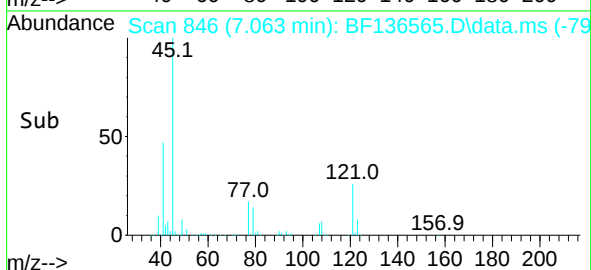
Reviewed By :Yogesh Patel 12/15/2023
Supervised By :mohammad ahmed 12/15/2023

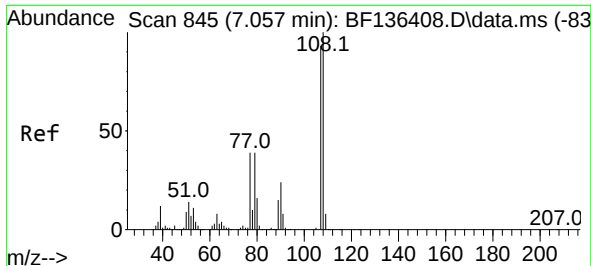


#16
2,2'-oxybis(1-Chloropropane)
Concen: 40.868 ng
RT: 7.063 min Scan# 846
Delta R.T. -0.018 min
Lab File: BF136565.D
Acq: 14 Dec 2023 13:27



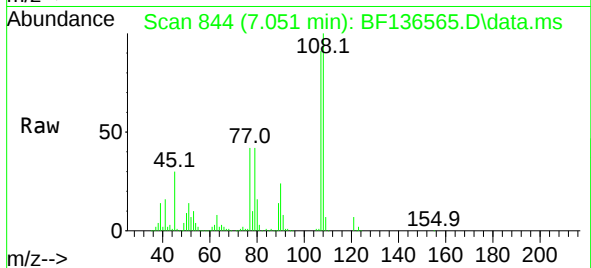
Tgt Ion: 45 Resp: 401182
Ion Ratio Lower Upper
45 100
77 18.1 0.0 35.3
79 14.5 0.0 32.5





#17
2-Methylphenol
Concen: 43.947 ng
RT: 7.051 min Scan# 844
Delta R.T. -0.006 min
Lab File: BF136565.D
Acq: 14 Dec 2023 13:27

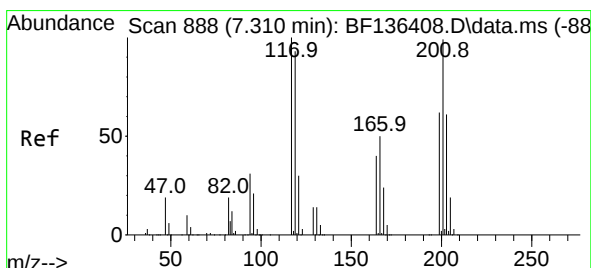
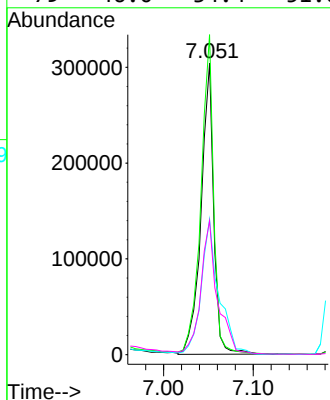
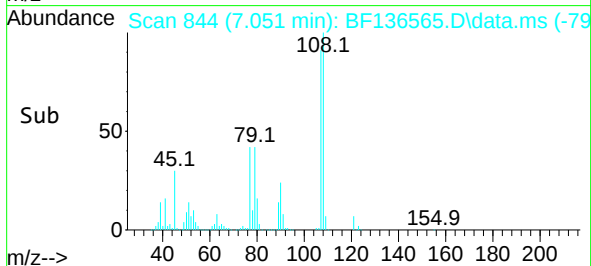
Instrument :
BNA_F
ClientSampleId :
PB157494BS



Tgt Ion:107 Resp: 298954
Ion Ratio Lower Upper
107 100
108 109.8 86.5 129.7
77 46.4 33.8 50.8
79 46.0 34.4 51.6

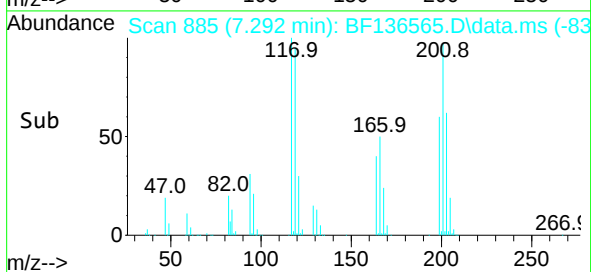
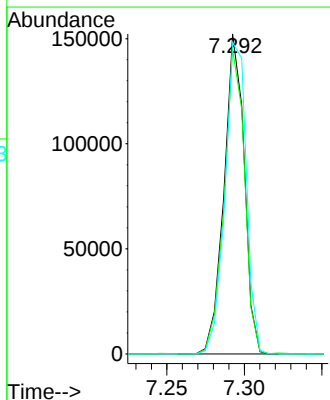
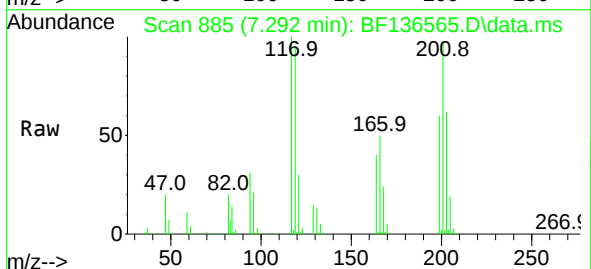
Manual Integrations
APPROVED

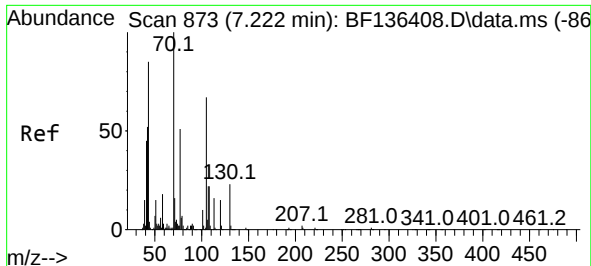
Reviewed By :Yogesh Patel 12/15/2023
Supervised By :mohammad ahmed 12/15/2023



#18
Hexachloroethane
Concen: 41.117 ng
RT: 7.292 min Scan# 885
Delta R.T. -0.018 min
Lab File: BF136565.D
Acq: 14 Dec 2023 13:27

Tgt Ion:117 Resp: 137895
Ion Ratio Lower Upper
117 100
119 95.3 74.3 111.5
201 97.4 79.3 118.9





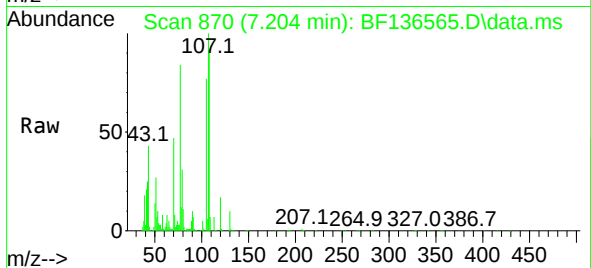
#19
n-Nitroso-di-n-propylamine
Concen: 42.858 ng
RT: 7.204 min Scan# 81
Delta R.T. -0.018 min
Lab File: BF136565.D
Acq: 14 Dec 2023 13:27

Instrument :

BNA_F

ClientSampleId :

PB157494BS



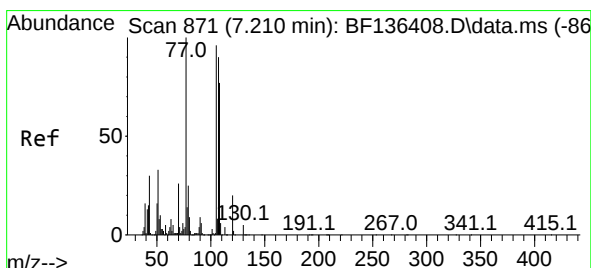
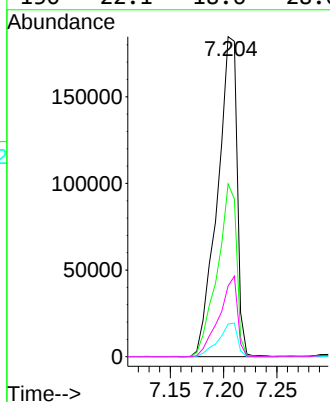
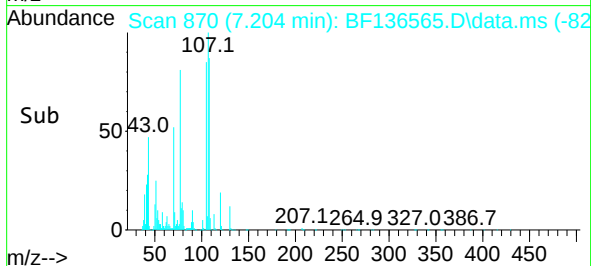
Tgt Ion: 70 Resp: 237908
Ion Ratio Lower Upper
70 100
42 54.0 41.4 62.0
101 10.2 8.2 12.4
130 22.1 18.6 28.0

Manual Integrations

APPROVED

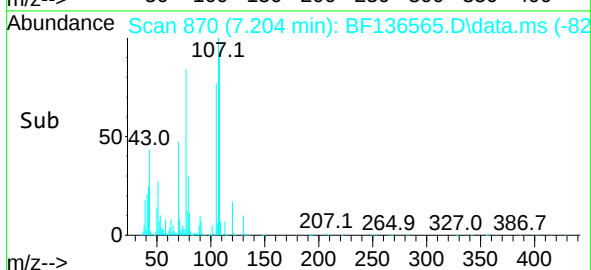
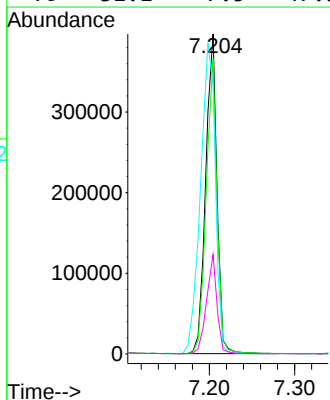
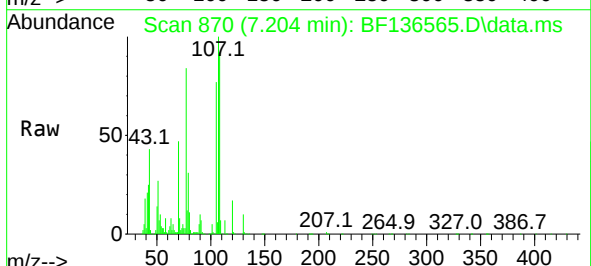
Reviewed By :Yogesh Patel 12/15/2023

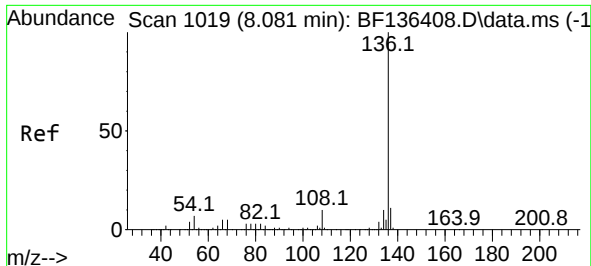
Supervised By :mohammad ahmed 12/15/2023



#20
3+4-Methylphenols
Concen: 43.134 ng
RT: 7.204 min Scan# 870
Delta R.T. -0.006 min
Lab File: BF136565.D
Acq: 14 Dec 2023 13:27

Tgt Ion:107 Resp: 364211
Ion Ratio Lower Upper
107 100
108 92.1 65.9 105.9
77 84.0 91.7 131.7#
79 31.1 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: BF136565.D
Acq: 14 Dec 2023 13:27

Instrument :

BNA_F

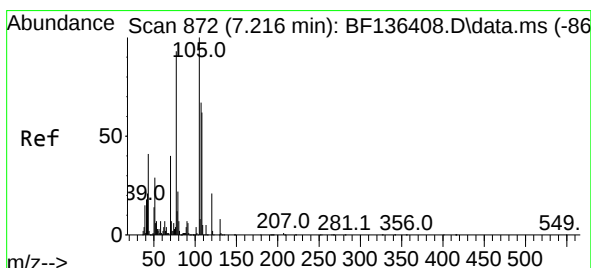
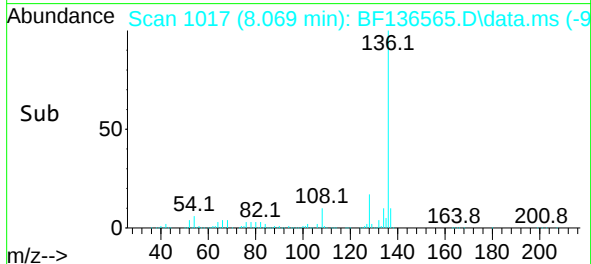
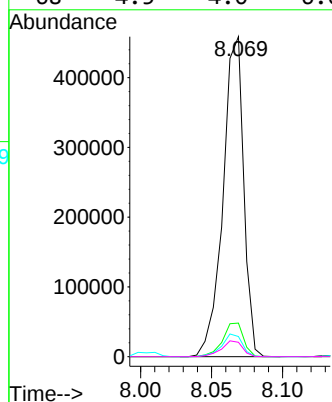
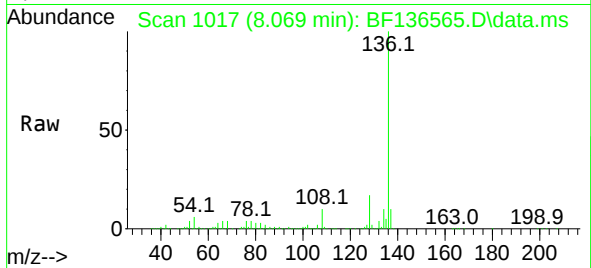
ClientSampleId :

PB157494BS

Tgt Ion:136 Resp: 46400
Ion Ratio Lower Upper
136 100
137 10.5 8.6 12.8
54 6.3 5.7 8.5
68 4.5 4.0 6.0

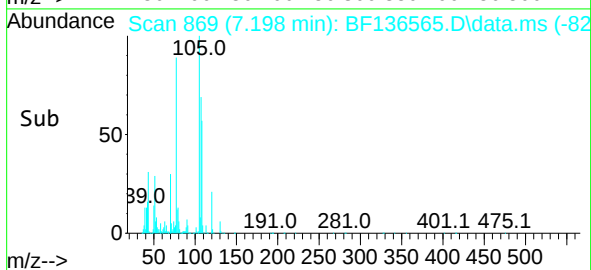
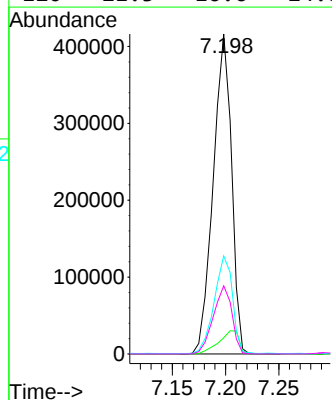
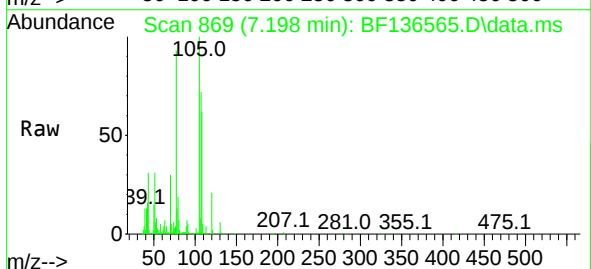
Manual Integrations
APPROVED

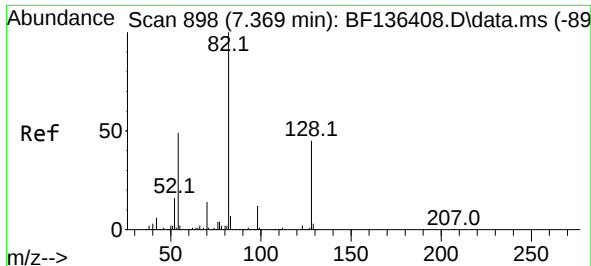
Reviewed By :Yogesh Patel 12/15/2023
Supervised By :mohammad ahmed 12/15/2023



#22
Acetophenone
Concen: 43.398 ng
RT: 7.198 min Scan# 869
Delta R.T. -0.018 min
Lab File: BF136565.D
Acq: 14 Dec 2023 13:27

Tgt Ion:105 Resp: 497255
Ion Ratio Lower Upper
105 100
71 5.0 5.4 8.0#
51 30.7 23.4 35.2
120 21.3 16.6 24.8





#23

Nitrobenzene-d5

Concen: 83.725 ng

RT: 7.357 min Scan# 89

Delta R.T. -0.012 min

Lab File: BF136565.D

Acq: 14 Dec 2023 13:27

Instrument :

BNA_F

ClientSampleId :

PB157494BS

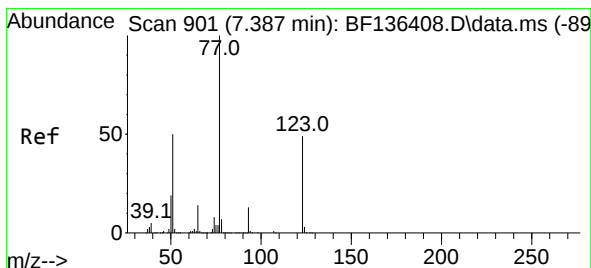
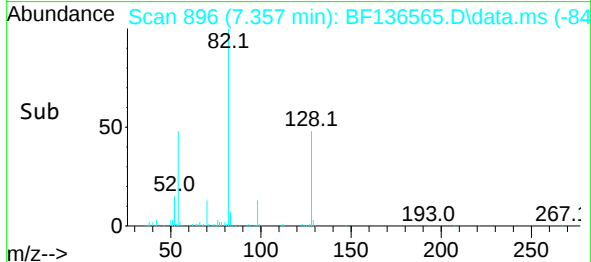
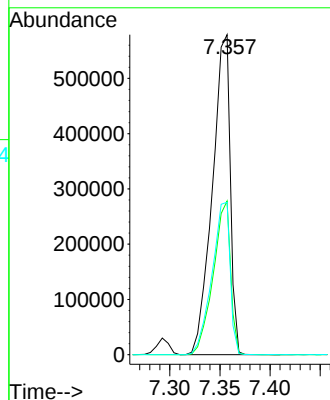
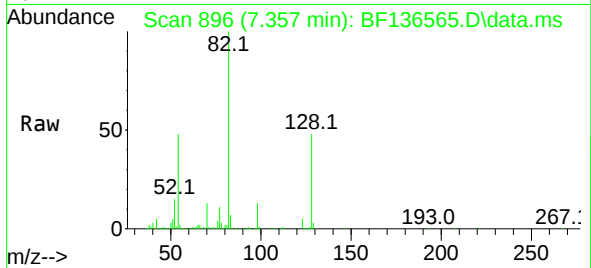
Tgt Ion: 82	Resp: 718624
Ion Ratio	Lower Upper
82 100	
128 48.0	36.3 54.5
54 47.7	39.0 58.6

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 12/15/2023

Supervised By :mohammad ahmed 12/15/2023



#24

Nitrobenzene

Concen: 41.131 ng

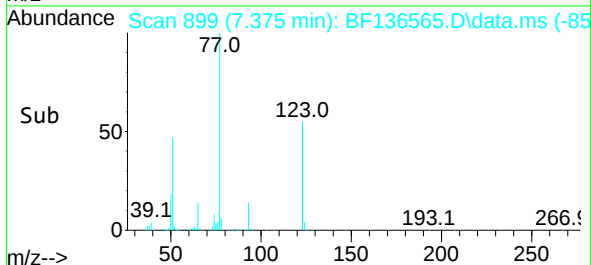
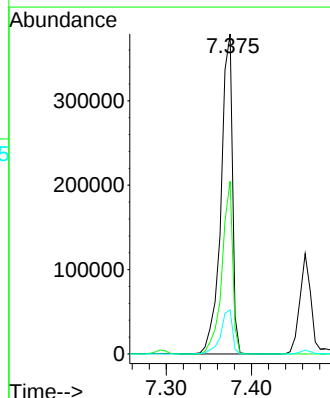
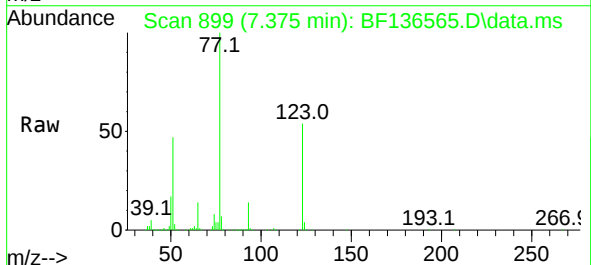
RT: 7.375 min Scan# 899

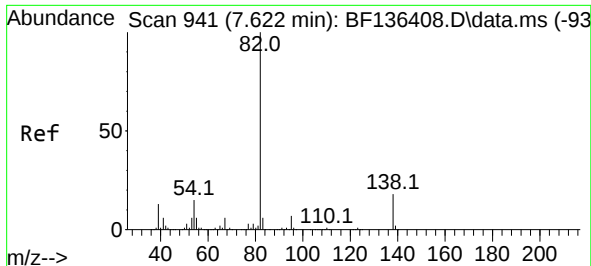
Delta R.T. -0.012 min

Lab File: BF136565.D

Acq: 14 Dec 2023 13:27

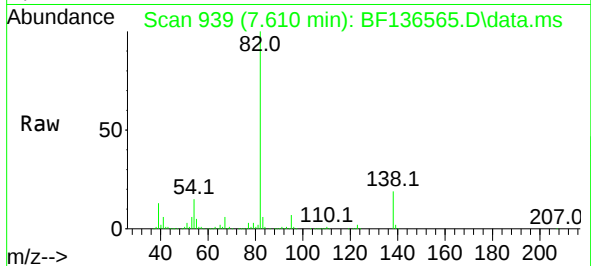
Tgt Ion: 77	Resp: 355139
Ion Ratio	Lower Upper
77 100	
123 54.0	39.0 58.6
65 13.8	11.3 16.9





#25
Isophorone
Concen: 42.756 ng
RT: 7.610 min Scan# 910
Delta R.T. -0.012 min
Lab File: BF136565.D
Acq: 14 Dec 2023 13:27

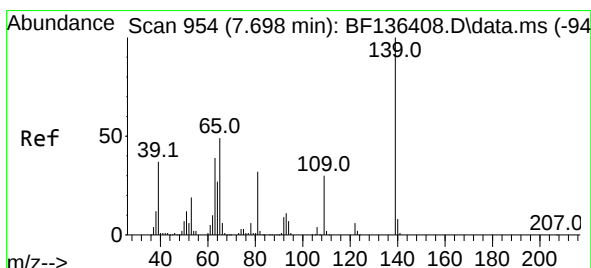
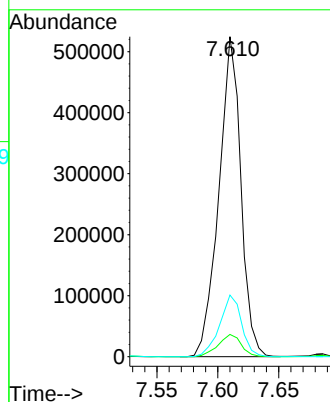
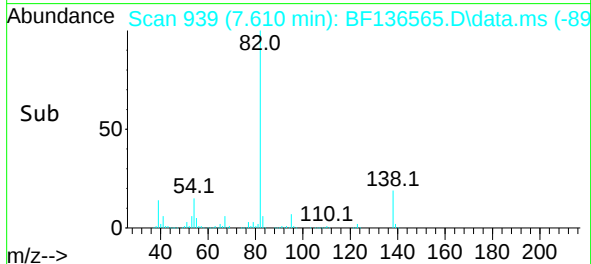
Instrument :
BNA_F
ClientSampleId :
PB157494BS



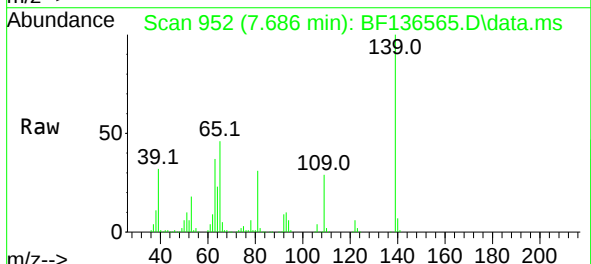
Tgt Ion: 82 Resp: 65932
Ion Ratio Lower Upper
82 100
95 6.9 5.7 8.5
138 19.2 14.5 21.7

Manual Integrations
APPROVED

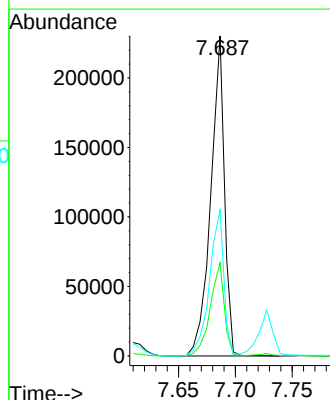
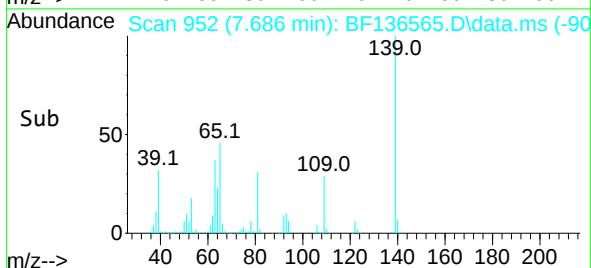
Reviewed By :Yogesh Patel 12/15/2023
Supervised By :mohammad ahmed 12/15/2023

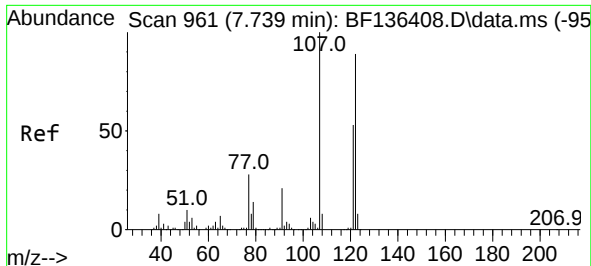


#26
2-Nitrophenol
Concen: 45.520 ng
RT: 7.686 min Scan# 952
Delta R.T. -0.012 min
Lab File: BF136565.D
Acq: 14 Dec 2023 13:27



Tgt Ion:139 Resp: 193224
Ion Ratio Lower Upper
139 100
109 29.1 23.6 35.4
65 45.6 39.4 59.2





#27

2,4-Dimethylphenol

Concen: 63.663 ng

RT: 7.728 min Scan# 91

Delta R.T. -0.012 min

Lab File: BF136565.D

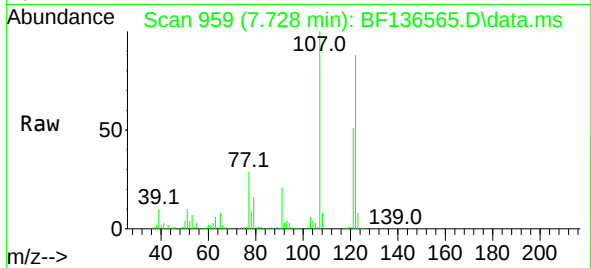
Acq: 14 Dec 2023 13:27

Instrument :

BNA_F

ClientSampleId :

PB157494BS



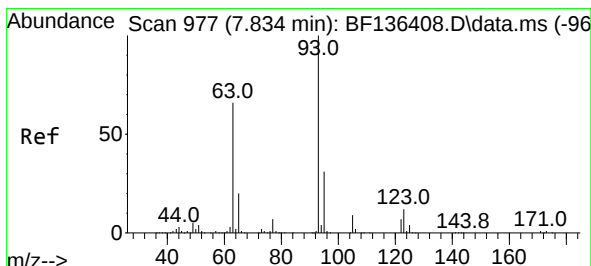
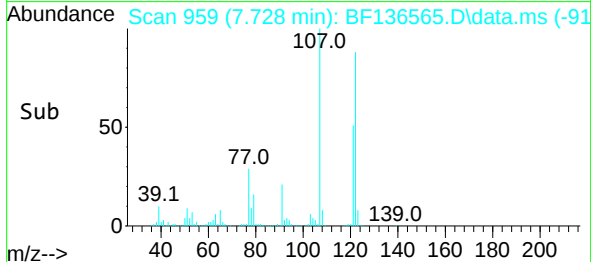
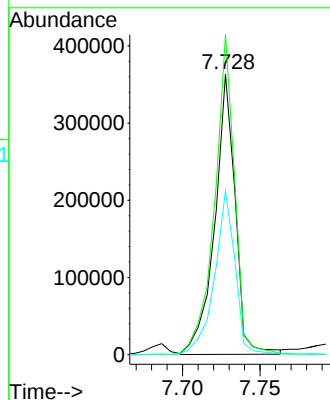
Tgt Ion:	122	Resp:	33322
Ion	Ratio	Lower	Upper
122	100		
107	114.1	89.3	133.9
121	58.4	47.6	71.4

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 12/15/2023

Supervised By :mohammad ahmed 12/15/2023



#28

bis(2-Chloroethoxy)methane

Concen: 43.448 ng

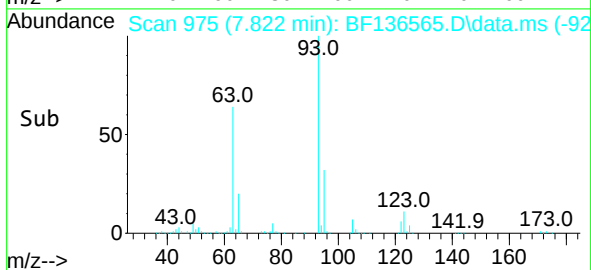
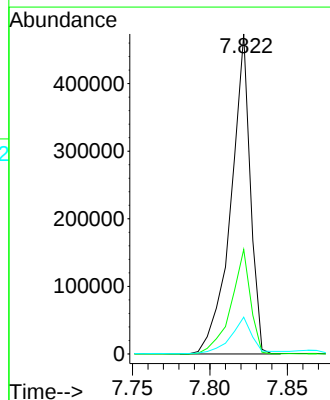
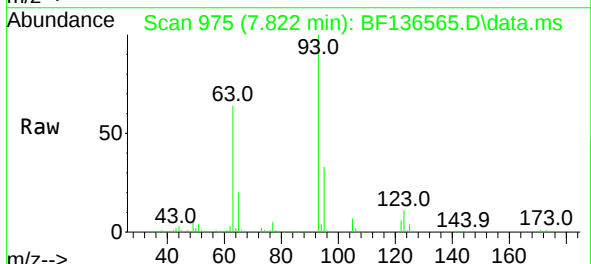
RT: 7.822 min Scan# 975

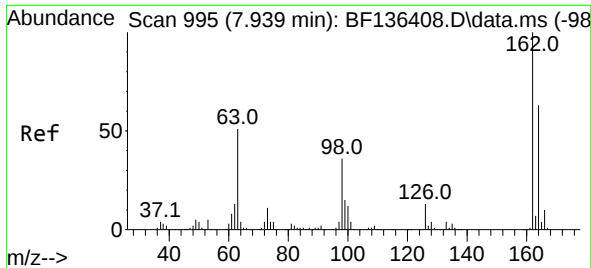
Delta R.T. -0.012 min

Lab File: BF136565.D

Acq: 14 Dec 2023 13:27

Tgt Ion:	93	Resp:	411691
Ion	Ratio	Lower	Upper
93	100		
95	32.7	25.0	37.4
123	11.5	9.4	14.0





#29

2,4-Dichlorophenol

Concen: 45.266 ng

RT: 7.928 min Scan# 995

Delta R.T. -0.012 min

Lab File: BF136565.D

Acq: 14 Dec 2023 13:27

Instrument :

BNA_F

ClientSampleId :

PB157494BS

Tgt Ion:162 Resp: 312735

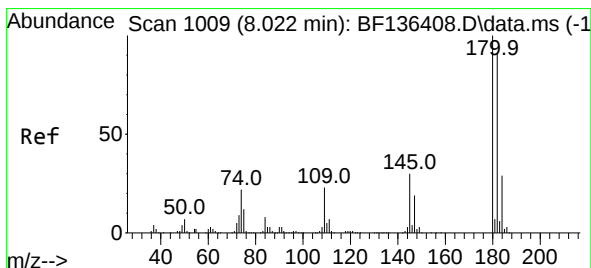
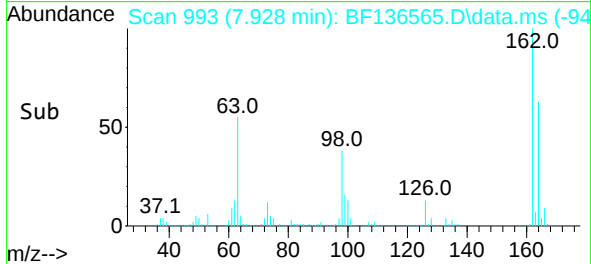
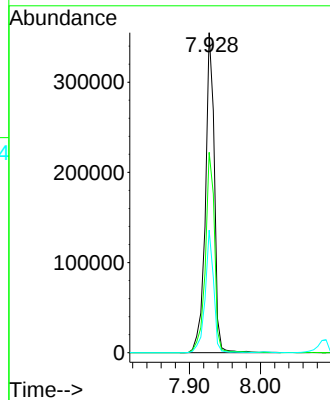
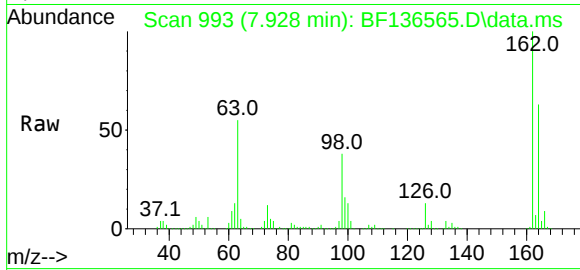
Ion	Ratio	Lower	Upper
162	100		
164	62.6	43.0	83.0
98	38.3	16.2	56.2

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 12/15/2023

Supervised By :mohammad ahmed 12/15/2023



#30

1,2,4-Trichlorobenzene

Concen: 42.559 ng

RT: 8.010 min Scan# 1007

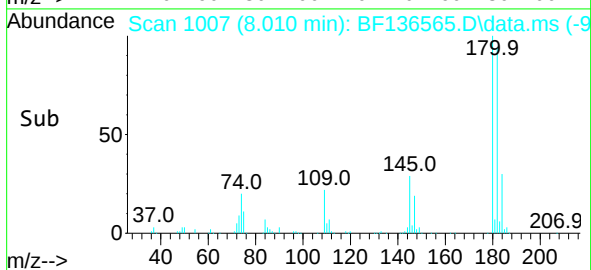
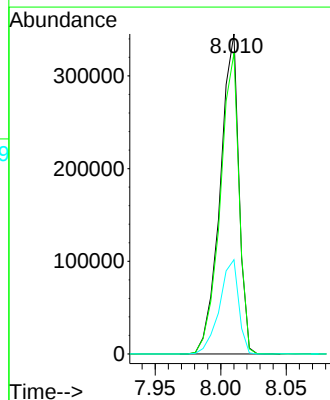
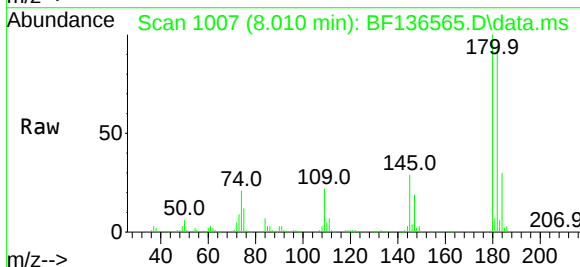
Delta R.T. -0.012 min

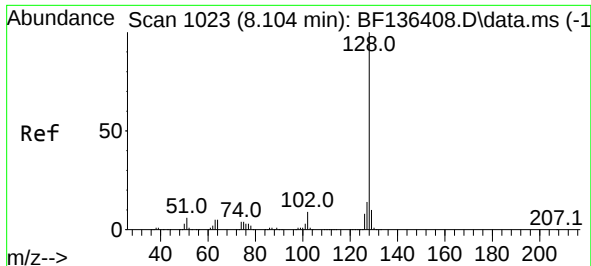
Lab File: BF136565.D

Acq: 14 Dec 2023 13:27

Tgt Ion:180 Resp: 342857

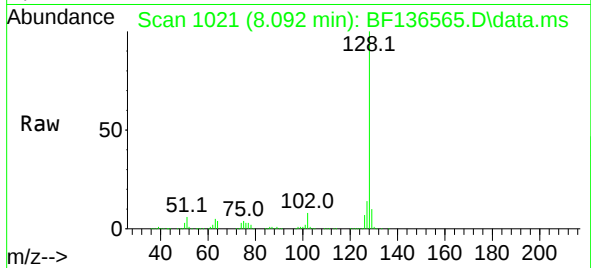
Ion	Ratio	Lower	Upper
180	100		
182	94.0	73.1	109.7
145	29.5	23.8	35.8





#31
Naphthalene
Concen: 42.225 ng
RT: 8.092 min Scan# 1023
Delta R.T. -0.012 min
Lab File: BF136565.D
Acq: 14 Dec 2023 13:27

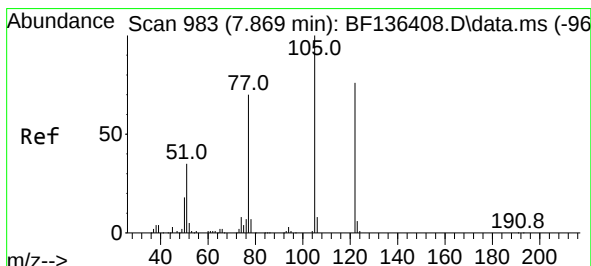
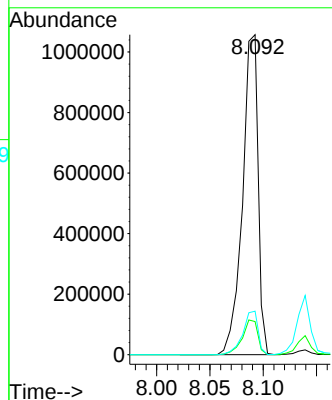
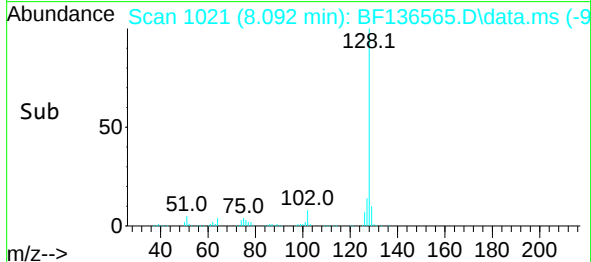
Instrument :
BNA_F
ClientSampleId :
PB157494BS



Tgt Ion:128 Resp: 1080469
Ion Ratio Lower Upper
128 100
129 10.4 8.3 12.5
127 13.6 11.1 16.7

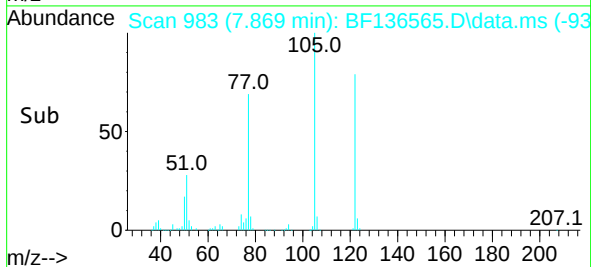
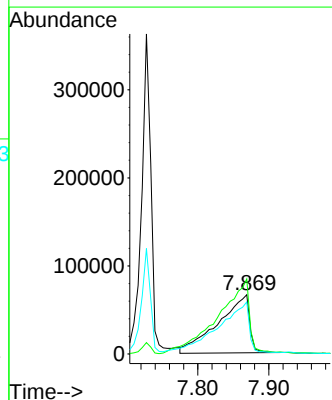
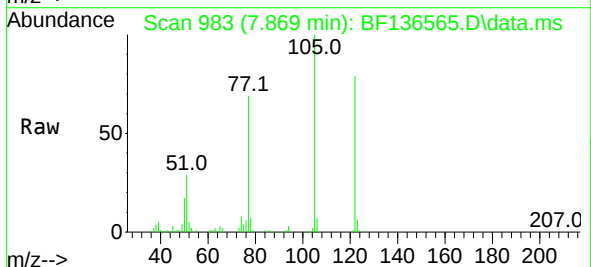
Manual Integrations
APPROVED

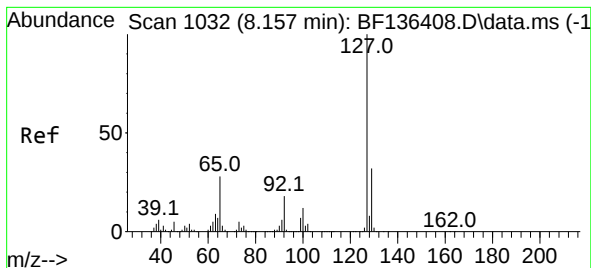
Reviewed By :Yogesh Patel 12/15/2023
Supervised By :mohammad ahmed 12/15/2023



#32
Benzoic acid
Concen: 38.820 ng
RT: 7.869 min Scan# 983
Delta R.T. -0.000 min
Lab File: BF136565.D
Acq: 14 Dec 2023 13:27

Tgt Ion:122 Resp: 201567
Ion Ratio Lower Upper
122 100
105 126.6 104.7 144.7
77 87.8 68.5 108.5





#33
4-Chloroaniline
Concen: 19.418 ng
RT: 8.139 min Scan# 1029
Delta R.T. -0.018 min
Lab File: BF136565.D
Acq: 14 Dec 2023 13:27

Instrument :

BNA_F

ClientSampleId :

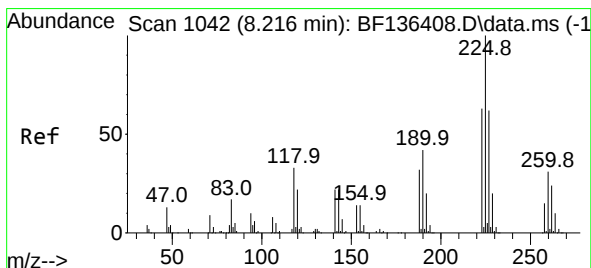
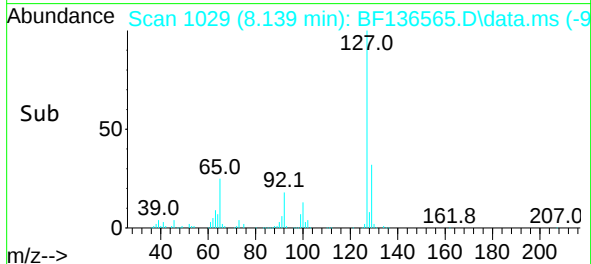
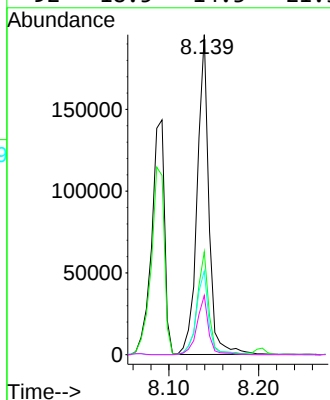
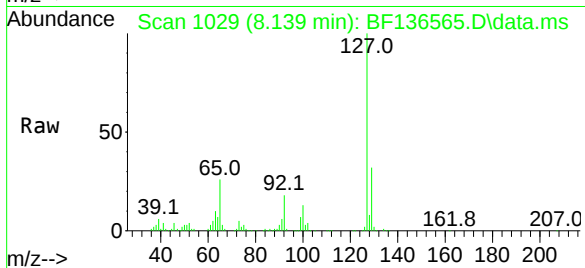
PB157494BS

Tgt Ion:127 Resp: 17714
Ion Ratio Lower Upper
127 100
129 32.2 25.4 38.2
65 26.2 22.5 33.7
92 18.5 14.3 21.5

Manual Integrations

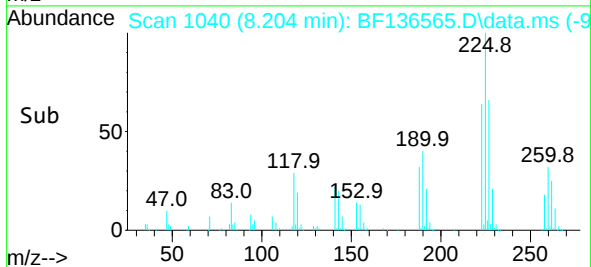
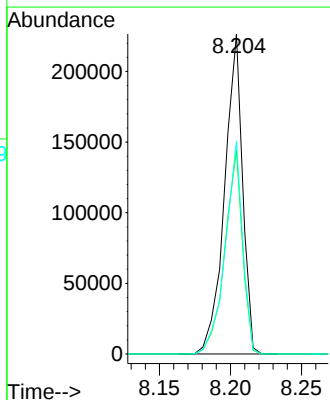
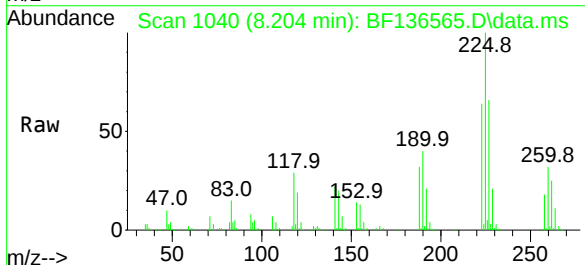
APPROVED

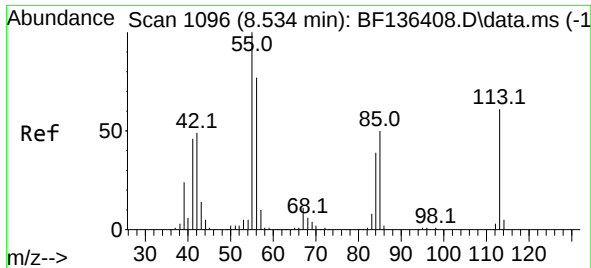
Reviewed By :Yogesh Patel 12/15/2023
Supervised By :mohammad ahmed 12/15/2023



#34
Hexachlorobutadiene
Concen: 41.624 ng
RT: 8.204 min Scan# 1040
Delta R.T. -0.012 min
Lab File: BF136565.D
Acq: 14 Dec 2023 13:27

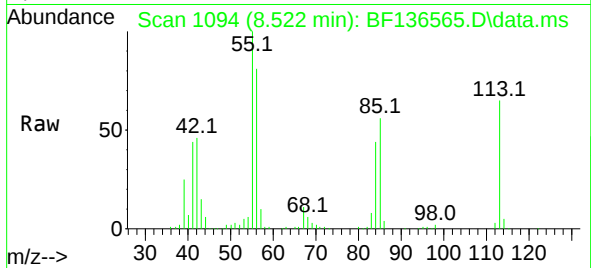
Tgt Ion:225 Resp: 198727
Ion Ratio Lower Upper
225 100
223 63.8 50.8 76.2
227 66.4 49.8 74.8





#35
Caprolactam
Concen: 46.261 ng m
RT: 8.522 min Scan# 1094
Delta R.T. -0.012 min
Lab File: BF136565.D
Acq: 14 Dec 2023 13:27

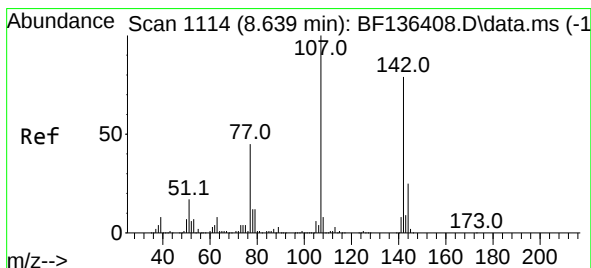
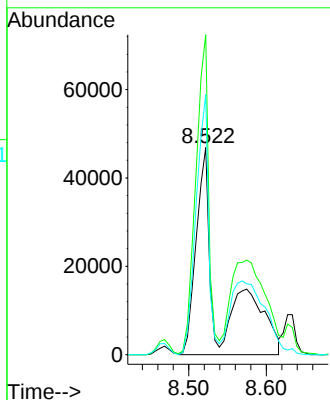
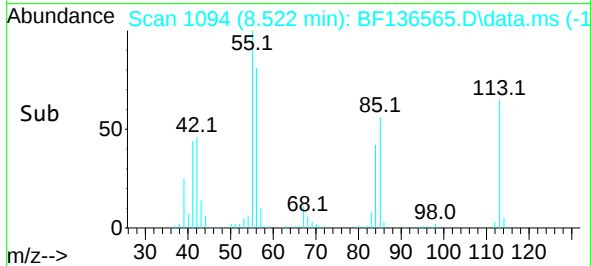
Instrument :
BNA_F
ClientSampleId :
PB157494BS



Tgt Ion:113 Resp: 98424
Ion Ratio Lower Upper
113 100
55 154.5 143.7 183.7
56 125.5 105.2 145.2

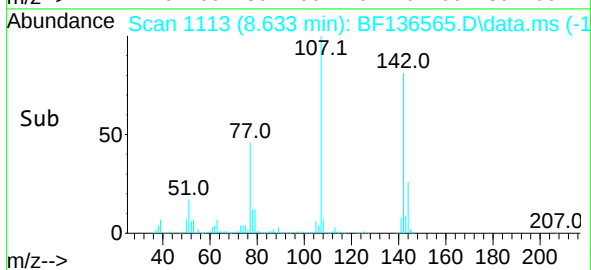
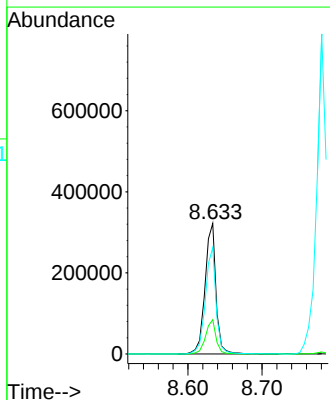
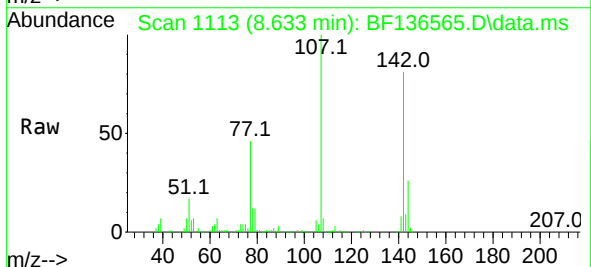
Manual Integrations
APPROVED

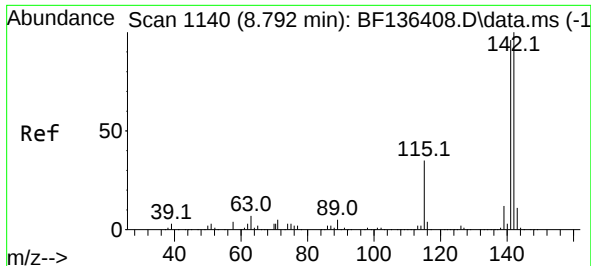
Reviewed By :Yogesh Patel 12/15/2023
Supervised By :mohammad ahmed 12/15/2023



#36
4-Chloro-3-methylphenol
Concen: 45.055 ng
RT: 8.633 min Scan# 1113
Delta R.T. -0.006 min
Lab File: BF136565.D
Acq: 14 Dec 2023 13:27

Tgt Ion:107 Resp: 330507
Ion Ratio Lower Upper
107 100
144 26.2 20.1 30.1
142 81.4 63.1 94.7





#37

2-Methylnaphthalene

Concen: 43.525 ng

RT: 8.781 min Scan# 1138

Delta R.T. -0.012 min

Lab File: BF136565.D

Acq: 14 Dec 2023 13:27

Instrument :

BNA_F

ClientSampleId :

PB157494BS

Tgt Ion:142 Resp: 708540

Ion Ratio Lower Upper

142 100

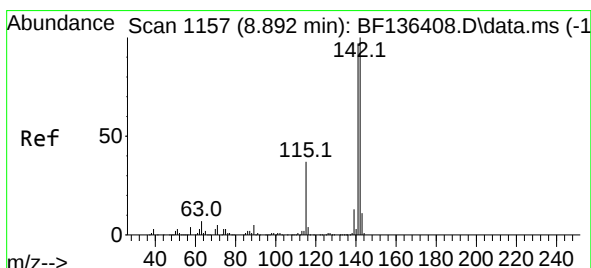
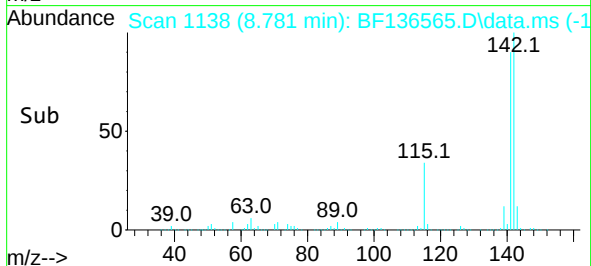
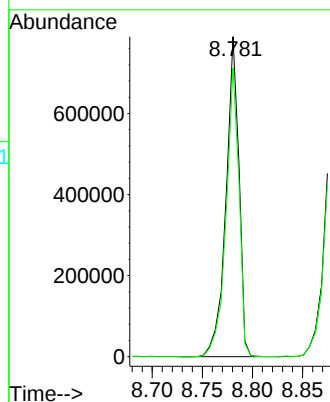
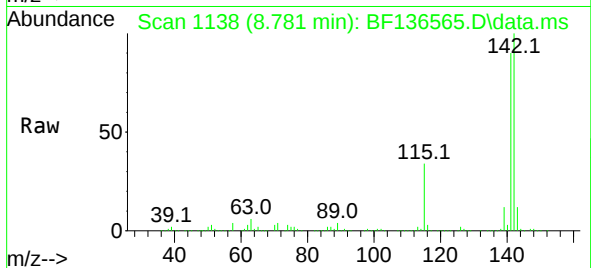
141 90.2 76.4 114.6

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 12/15/2023

Supervised By :mohammad ahmed 12/15/2023



#38

1-Methylnaphthalene

Concen: 41.353 ng

RT: 8.881 min Scan# 1155

Delta R.T. -0.012 min

Lab File: BF136565.D

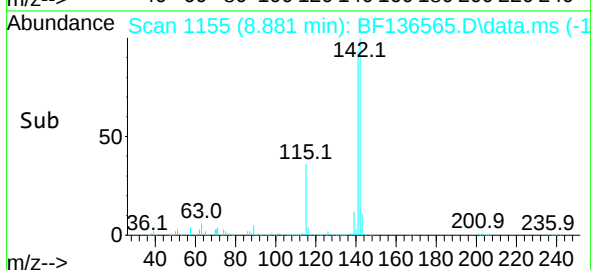
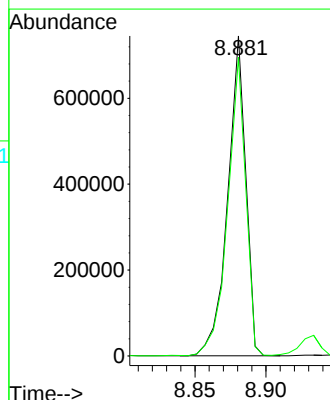
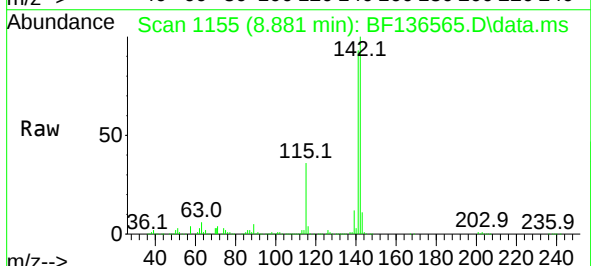
Acq: 14 Dec 2023 13:27

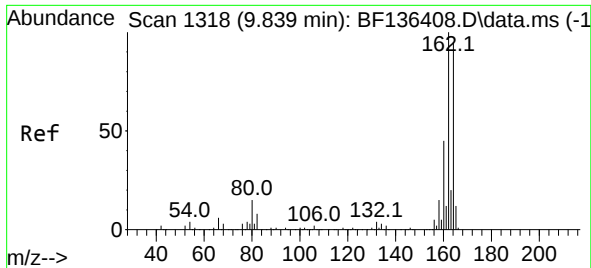
Tgt Ion:142 Resp: 660584

Ion Ratio Lower Upper

142 100

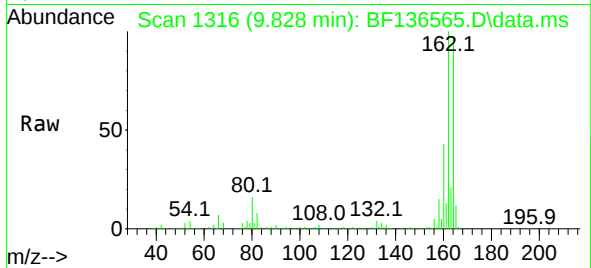
141 93.4 77.7 116.5





#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.828 min Scan# 1167
Delta R.T. -0.012 min
Lab File: BF136565.D
Acq: 14 Dec 2023 13:27

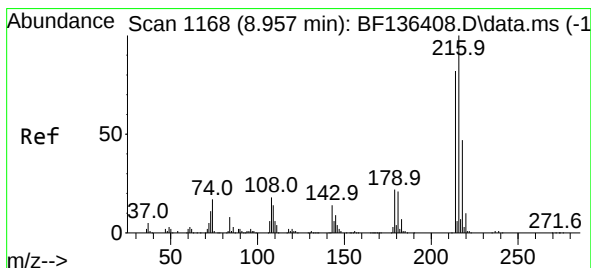
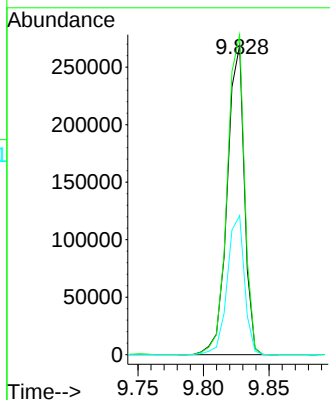
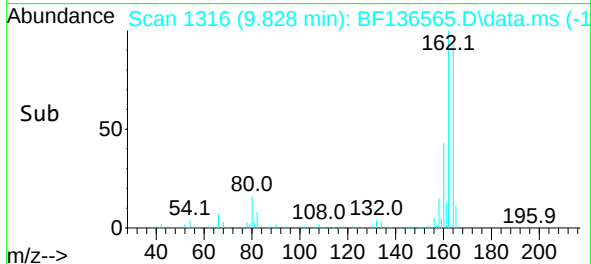
Instrument :
BNA_F
ClientSampleId :
PB157494BS



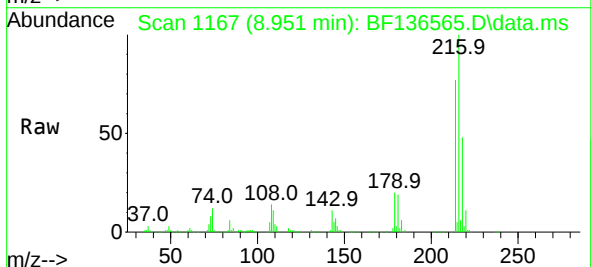
Tgt Ion:164 Resp: 244924
Ion Ratio Lower Upper
164 100
162 103.4 84.4 126.6
160 44.9 37.6 56.4

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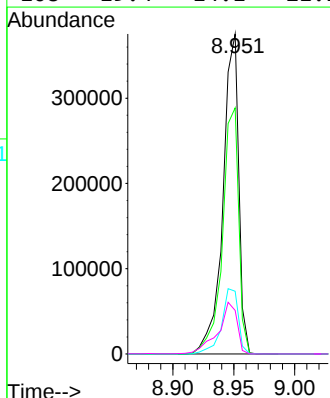
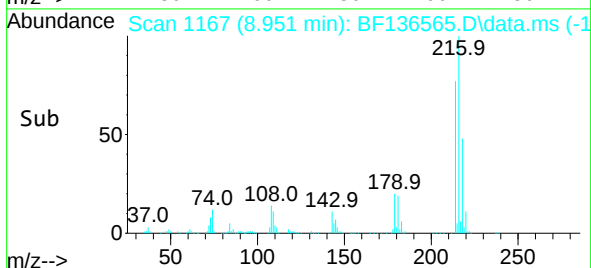
Reviewed By :Yogesh Patel 12/15/2023
Supervised By :mohammad ahmed 12/15/2023



#40
1,2,4,5-Tetrachlorobenzene
Concen: 44.491 ng
RT: 8.951 min Scan# 1167
Delta R.T. -0.006 min
Lab File: BF136565.D
Acq: 14 Dec 2023 13:27



Tgt Ion:216 Resp: 339019
Ion Ratio Lower Upper
216 100
214 79.2 64.1 96.1
179 21.6 17.0 25.6
108 19.4 14.1 21.1





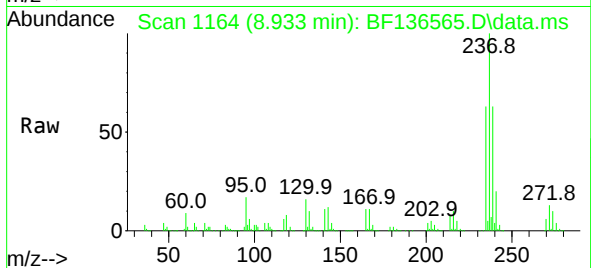
#41
Hexachlorocyclopentadiene
Concen: 147.009 ng
RT: 8.933 min Scan# 1164
Delta R.T. -0.012 min
Lab File: BF136565.D
Acq: 14 Dec 2023 13:27

Instrument :

BNA_F

ClientSampleId :

PB157494BS

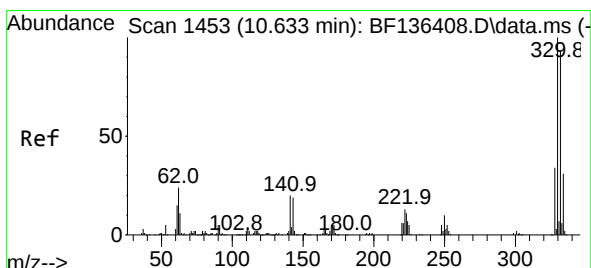
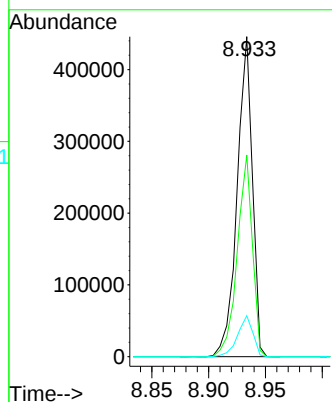
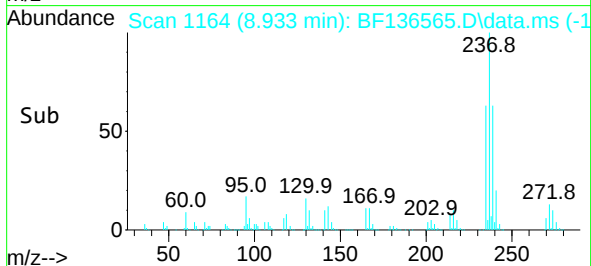


Tgt Ion:237 Resp: 415009
Ion Ratio Lower Upper
237 100
235 63.0 44.1 84.1
272 12.8 0.0 33.3

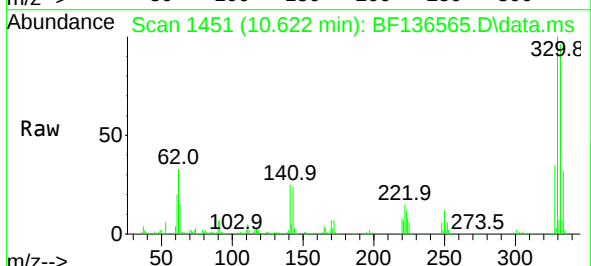
Manual Integrations

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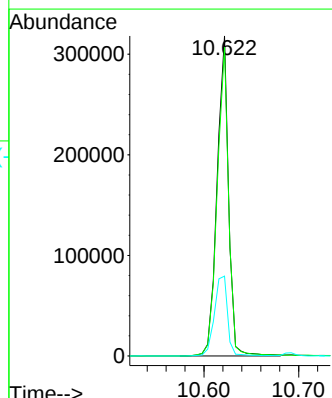
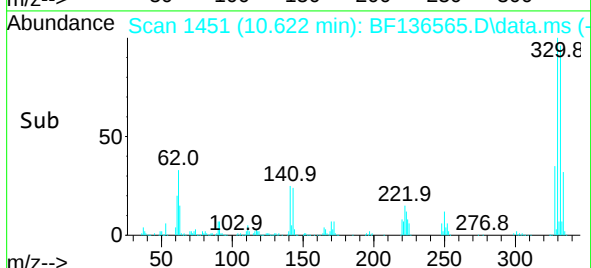
Reviewed By :Yogesh Patel 12/15/2023
Supervised By :mohammad ahmed 12/15/2023

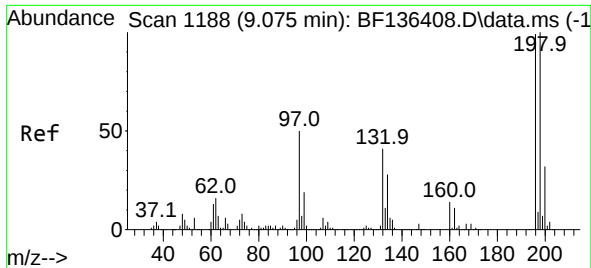


#42
2,4,6-Tribromophenol
Concen: 89.203 ng
RT: 10.622 min Scan# 1451
Delta R.T. -0.012 min
Lab File: BF136565.D
Acq: 14 Dec 2023 13:27



Tgt Ion:330 Resp: 269386
Ion Ratio Lower Upper
330 100
332 97.2 76.4 114.6
141 28.7 23.4 35.2





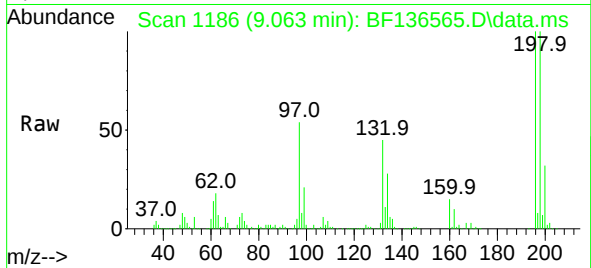
#43
2,4,6-Trichlorophenol
Concen: 45.468 ng
RT: 9.063 min Scan# 1188
Delta R.T. -0.012 min
Lab File: BF136565.D
Acq: 14 Dec 2023 13:27

Instrument :

BNA_F

ClientSampleId :

PB157494BS



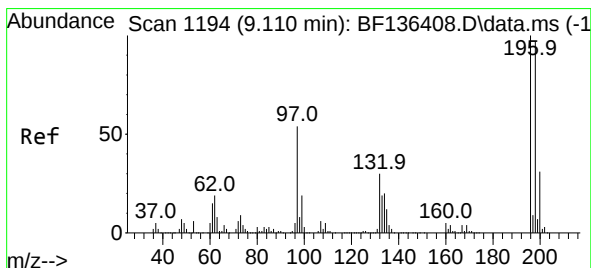
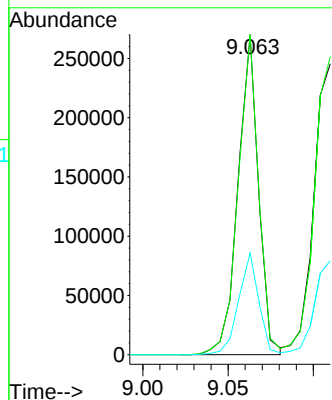
Tgt Ion:196 Resp: 22559
Ion Ratio Lower Upper
196 100
198 100.0 80.4 120.6
200 31.8 25.9 38.9

Manual Integrations

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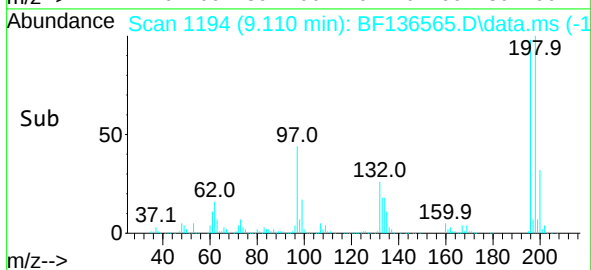
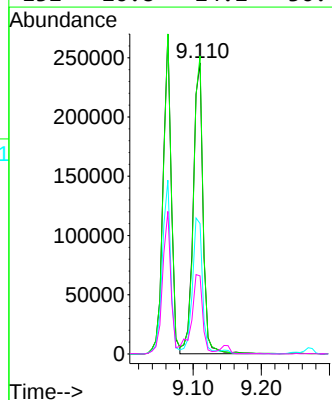
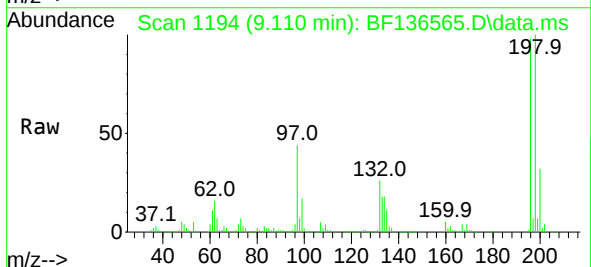
Reviewed By :Yogesh Patel 12/15/2023

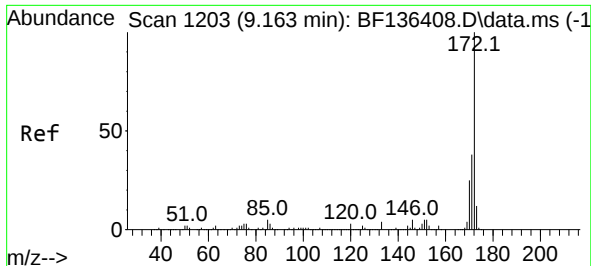
Supervised By :mohammad ahmed 12/15/2023



#44
2,4,5-Trichlorophenol
Concen: 44.011 ng
RT: 9.110 min Scan# 1194
Delta R.T. -0.000 min
Lab File: BF136565.D
Acq: 14 Dec 2023 13:27

Tgt Ion:196 Resp: 243712
Ion Ratio Lower Upper
196 100
198 102.4 78.1 117.1
97 44.8 43.4 65.2
132 26.8 24.2 36.4





#45
2-Fluorobiphenyl
Concen: 83.833 ng
RT: 9.151 min Scan# 1201
Delta R.T. -0.012 min
Lab File: BF136565.D
Acq: 14 Dec 2023 13:27

Instrument :

BNA_F

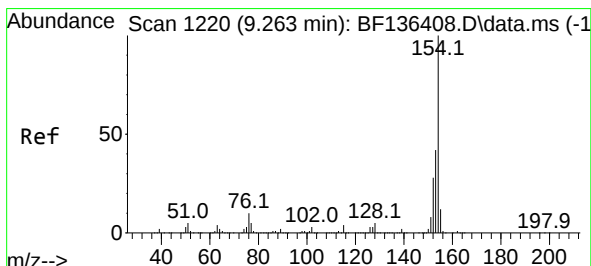
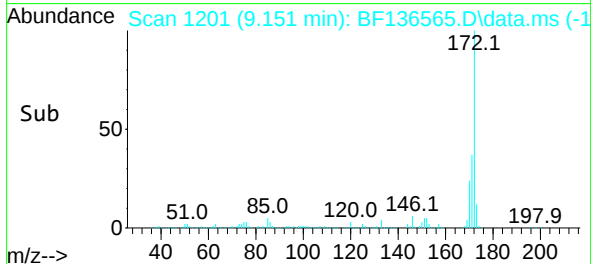
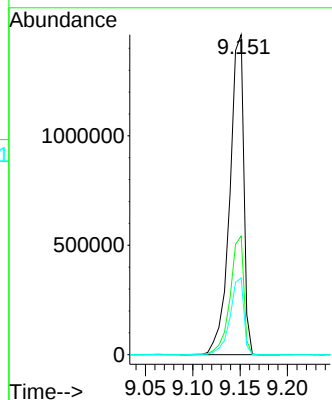
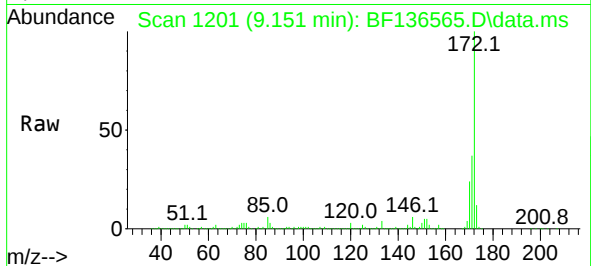
ClientSampleId :

PB157494BS

Tgt Ion:172 Resp: 1504780
Ion Ratio Lower Upper
172 100
171 37.1 30.5 45.7
170 24.0 19.9 29.9

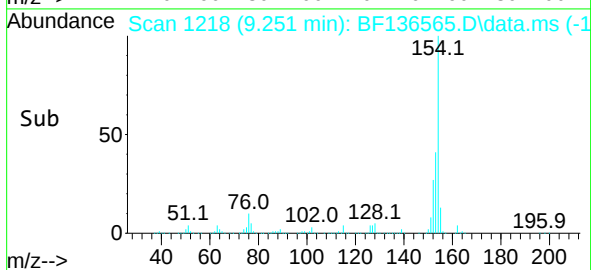
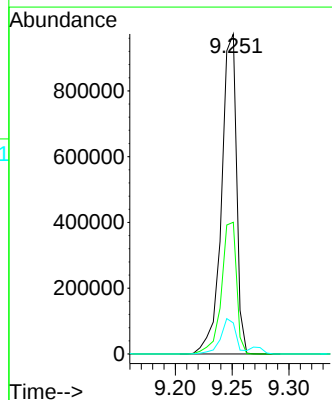
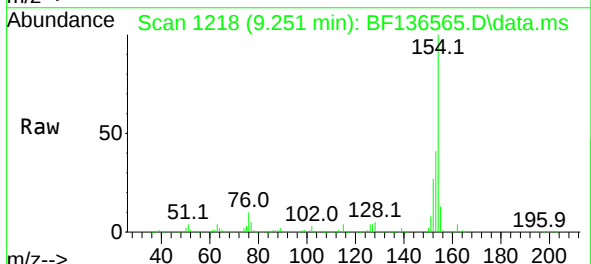
Manual Integrations
APPROVED

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



#46
1,1'-Biphenyl
Concen: 43.036 ng
RT: 9.251 min Scan# 1218
Delta R.T. -0.012 min
Lab File: BF136565.D
Acq: 14 Dec 2023 13:27

Tgt Ion:154 Resp: 896888
Ion Ratio Lower Upper
154 100
153 41.2 22.5 62.5
76 9.7 0.0 29.9





#47

2-Chloronaphthalene

Concen: 42.069 ng

RT: 9.275 min Scan# 11

Delta R.T. -0.012 min

Lab File: BF136565.D

Acq: 14 Dec 2023 13:27

Instrument :

BNA_F

ClientSampleId :

PB157494BS

Tgt Ion:162 Resp: 682390

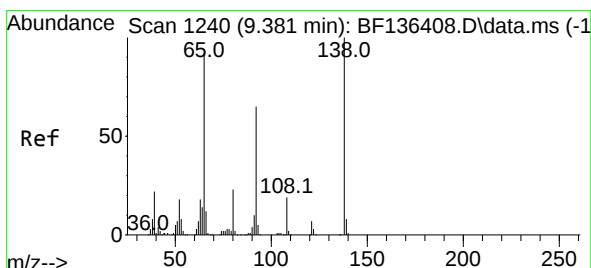
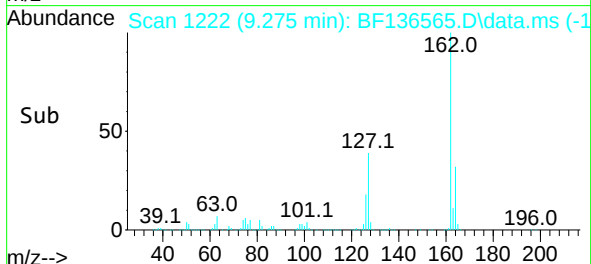
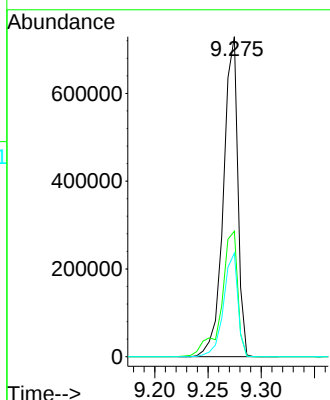
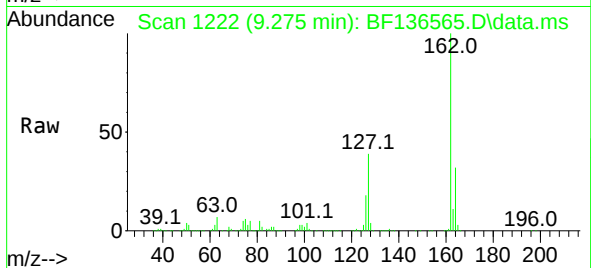
Ion	Ratio	Lower	Upper
162	100		
127	39.2	31.1	46.7
164	32.3	24.6	37.0

Manual Integrations

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Reviewed By :Yogesh Patel 12/15/2023

Supervised By :mohammad ahmed 12/15/2023



#48

2-Nitroaniline

Concen: 44.660 ng

RT: 9.375 min Scan# 1239

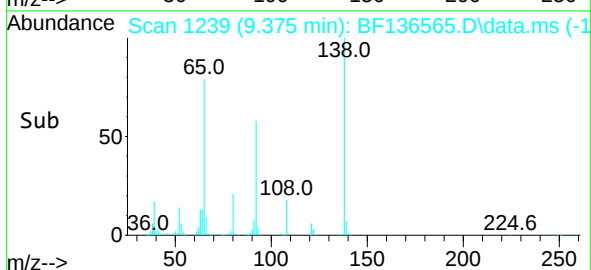
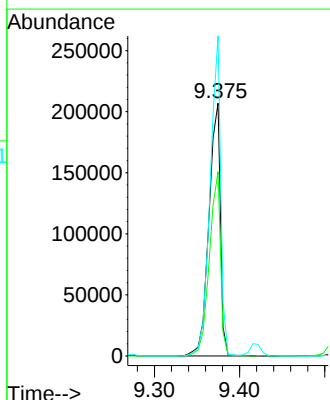
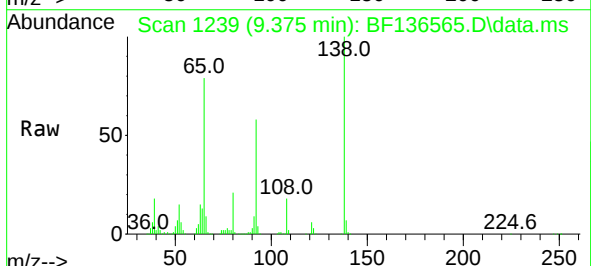
Delta R.T. -0.006 min

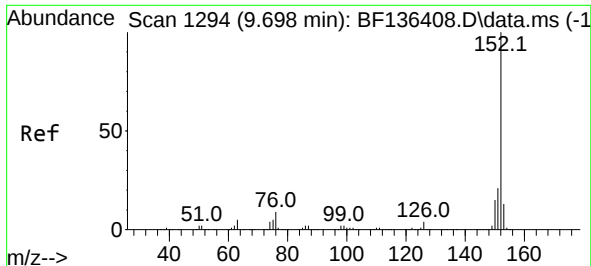
Lab File: BF136565.D

Acq: 14 Dec 2023 13:27

Tgt Ion: 65 Resp: 194291

Ion	Ratio	Lower	Upper
65	100		
92	72.9	56.1	84.1
138	126.6	86.7	130.1





#49

Acenaphthylene

Concen: 44.781 ng

RT: 9.686 min Scan# 1292

Delta R.T. -0.012 min

Lab File: BF136565.D

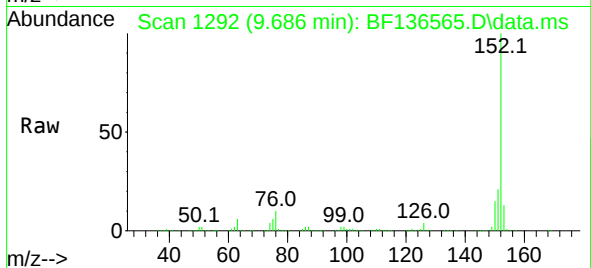
Acq: 14 Dec 2023 13:27

Instrument :

BNA_F

ClientSampleId :

PB157494BS



Tgt Ion:152 Resp: 103474

Ion Ratio Lower Upper

152 100

151 20.5 17.2 25.8

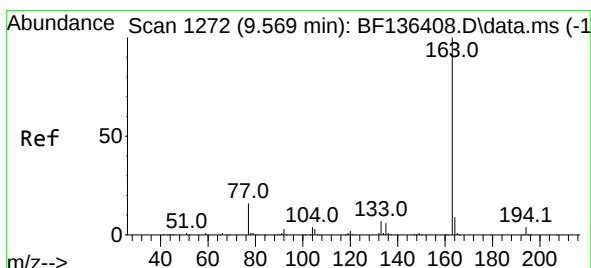
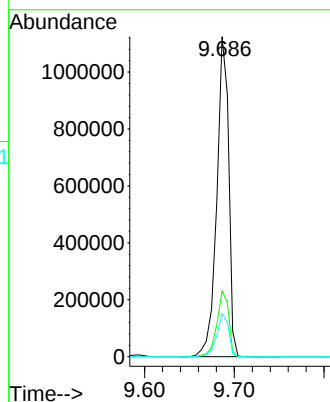
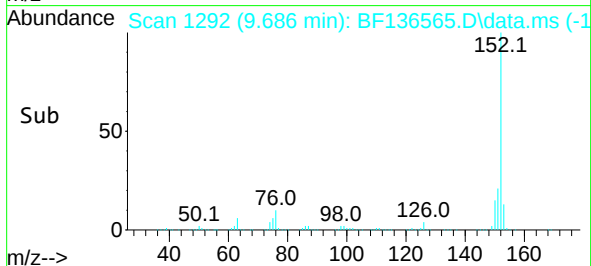
153 13.3 10.6 15.8

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 12/15/2023

Supervised By :mohammad ahmed 12/15/2023



#50

Dimethylphthalate

Concen: 44.654 ng

RT: 9.557 min Scan# 1270

Delta R.T. -0.012 min

Lab File: BF136565.D

Acq: 14 Dec 2023 13:27

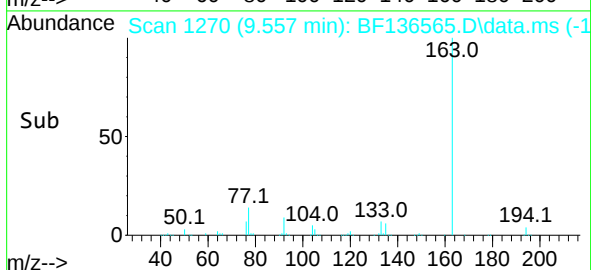
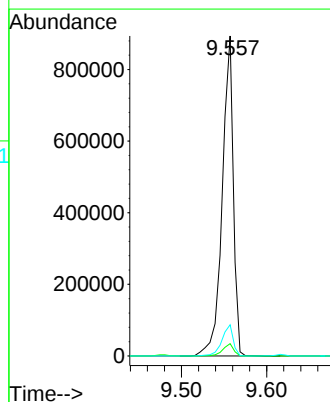
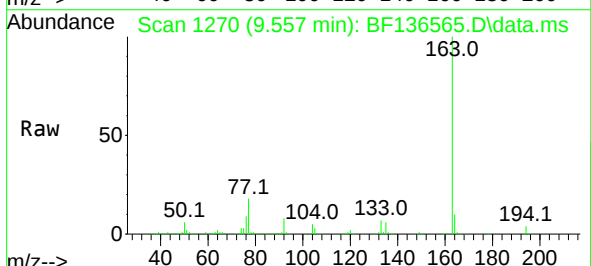
Tgt Ion:163 Resp: 805207

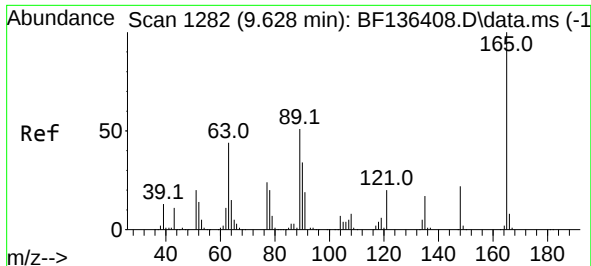
Ion Ratio Lower Upper

163 100

194 3.9 3.0 4.6

164 9.7 7.4 11.2





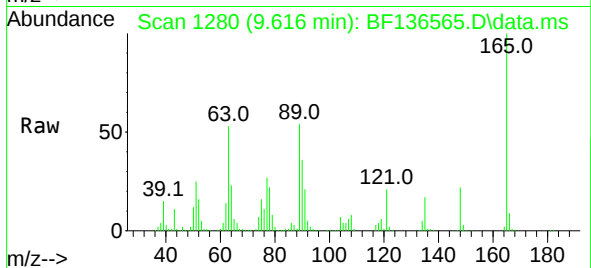
#51
2,6-Dinitrotoluene
Concen: 43.702 ng
RT: 9.616 min Scan# 1280
Delta R.T. -0.012 min
Lab File: BF136565.D
Acq: 14 Dec 2023 13:27

Instrument :

BNA_F

ClientSampleId :

PB157494BS

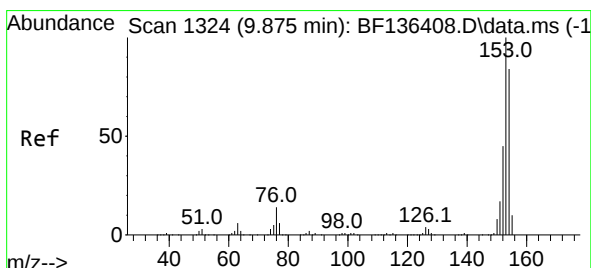
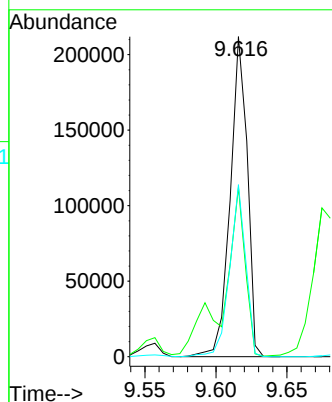
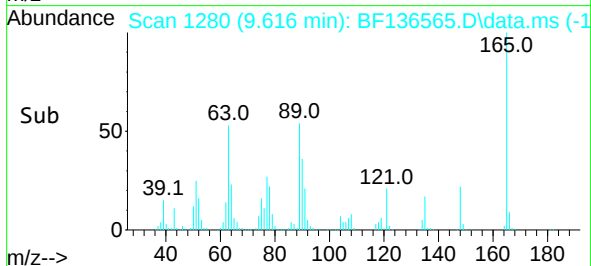


Tgt Ion:165 Resp: 177280
Ion Ratio Lower Upper
165 100
63 52.9 40.4 60.6
89 53.8 40.6 60.8

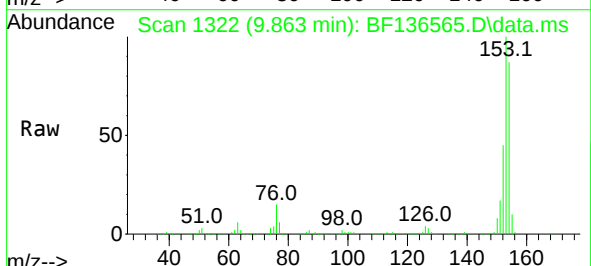
Manual Integrations

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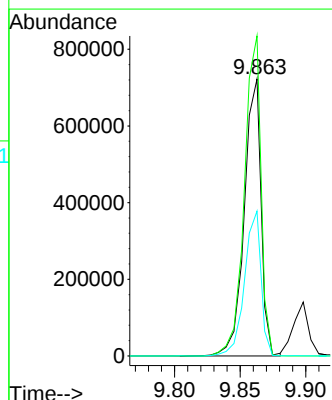
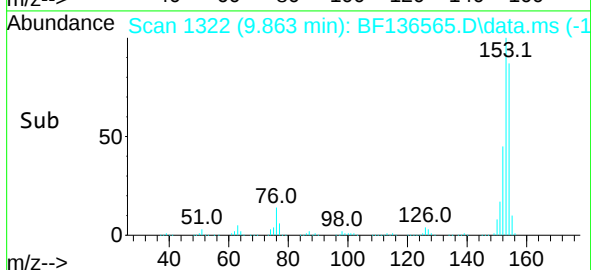
Reviewed By :Yogesh Patel 12/15/2023
Supervised By :mohammad ahmed 12/15/2023

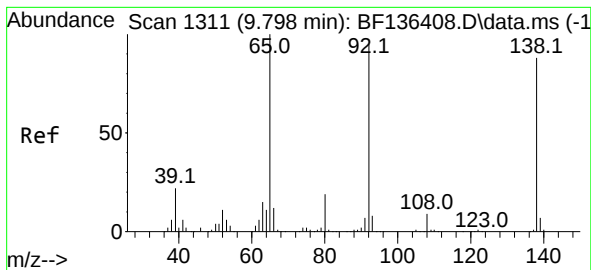


#52
Acenaphthene
Concen: 43.719 ng
RT: 9.863 min Scan# 1322
Delta R.T. -0.012 min
Lab File: BF136565.D
Acq: 14 Dec 2023 13:27



Tgt Ion:154 Resp: 647352
Ion Ratio Lower Upper
154 100
153 115.6 95.3 142.9
152 52.3 43.2 64.8





#53

3-Nitroaniline

Concen: 30.219 ng

RT: 9.786 min Scan# 11

Delta R.T. -0.012 min

Lab File: BF136565.D

Acq: 14 Dec 2023 13:27

Instrument :

BNA_F

ClientSampleId :

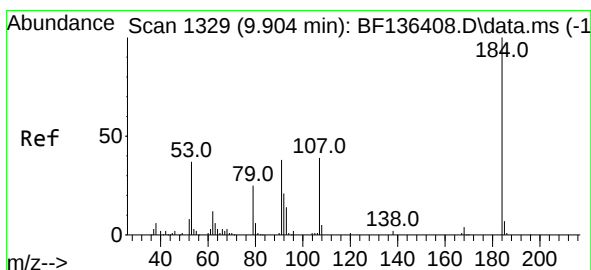
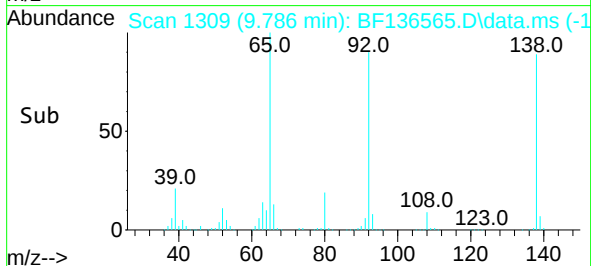
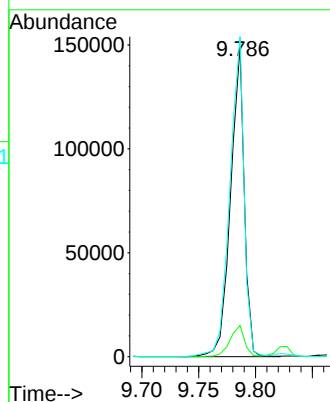
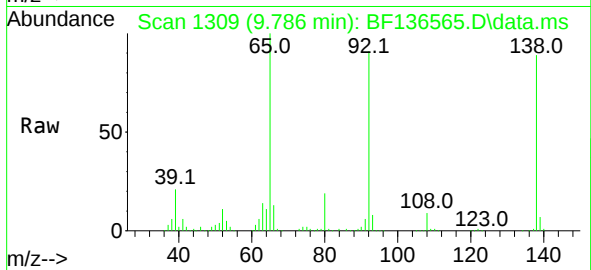
PB157494BS

Tgt Ion:138 Resp: 12518
 Ion Ratio Lower Upper
 138 100
 108 10.1 8.5 12.7
 92 103.3 86.1 129.1

Manual Integrations

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



#54

2,4-Dinitrophenol

Concen: 90.113 ng

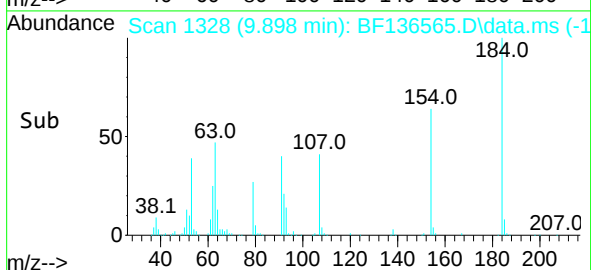
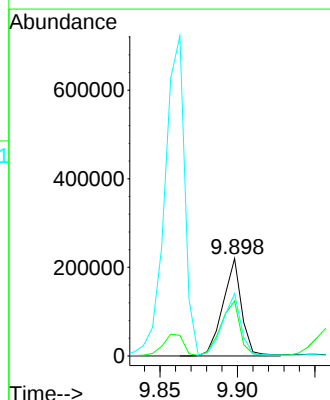
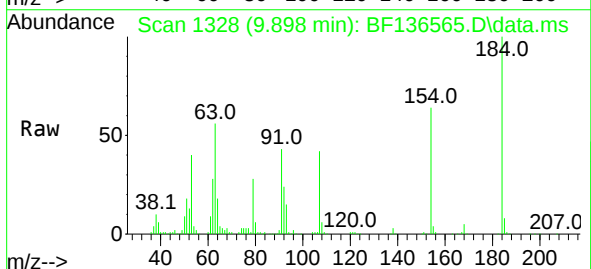
RT: 9.898 min Scan# 1328

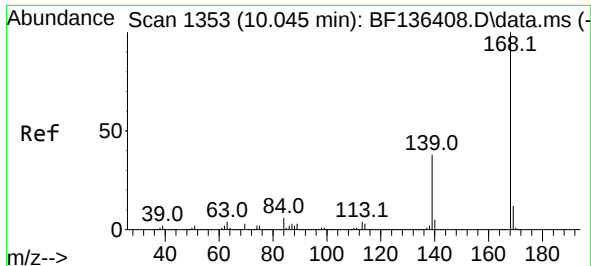
Delta R.T. -0.006 min

Lab File: BF136565.D

Acq: 14 Dec 2023 13:27

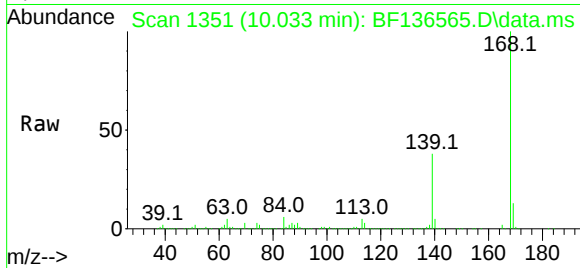
Tgt Ion:184 Resp: 184829
 Ion Ratio Lower Upper
 184 100
 63 56.4 39.1 58.7
 154 64.0 49.9 74.9





#55
Dibenzenofuran
Concen: 43.897 ng
RT: 10.033 min Scan# 11
Delta R.T. -0.012 min
Lab File: BF136565.D
Acq: 14 Dec 2023 13:27

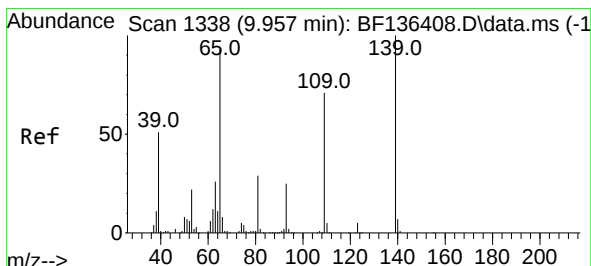
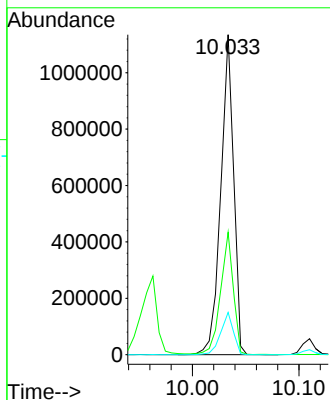
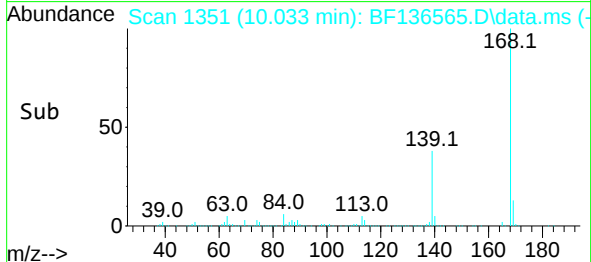
Instrument :
BNA_F
ClientSampleId :
PB157494BS



Tgt Ion:168 Resp: 94954
Ion Ratio Lower Upper
168 100
139 38.3 30.4 45.6
169 13.2 9.9 14.9

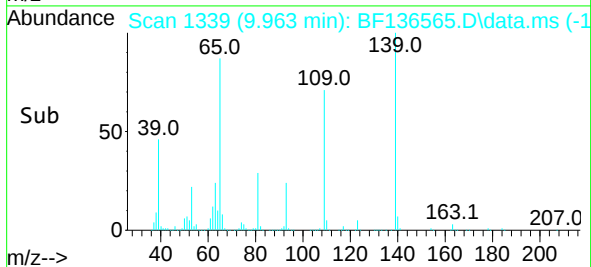
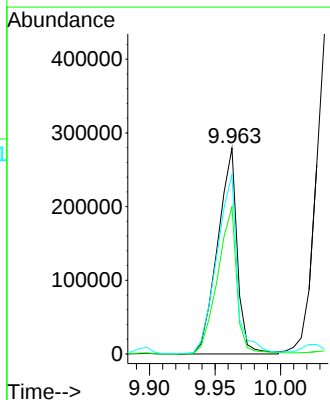
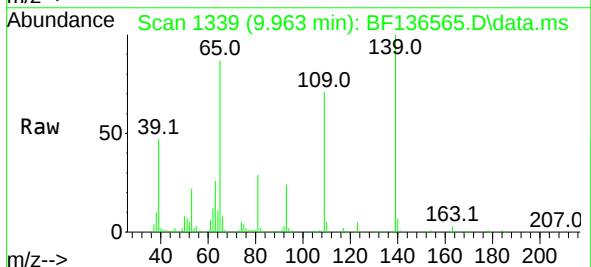
Manual Integrations
APPROVED

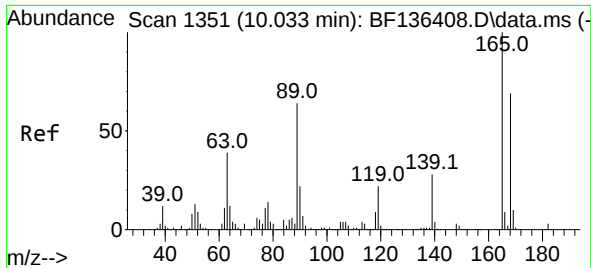
Reviewed By :Yogesh Patel 12/15/2023
Supervised By :mohammad ahmed 12/15/2023



#56
4-Nitrophenol
Concen: 93.591 ng
RT: 9.963 min Scan# 1339
Delta R.T. 0.006 min
Lab File: BF136565.D
Acq: 14 Dec 2023 13:27

Tgt Ion:139 Resp: 290647
Ion Ratio Lower Upper
139 100
109 71.4 50.6 90.6
65 87.0 73.1 113.1





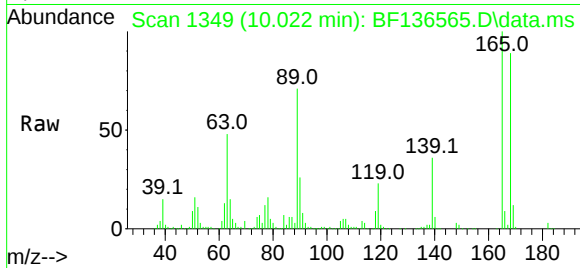
#57
2,4-Dinitrotoluene
Concen: 43.802 ng
RT: 10.022 min Scan# 11
Delta R.T. -0.012 min
Lab File: BF136565.D
Acq: 14 Dec 2023 13:27

Instrument :

BNA_F

ClientSampleId :

PB157494BS



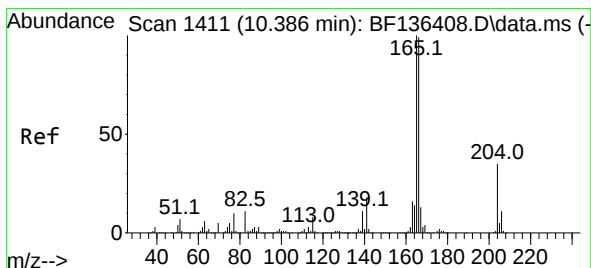
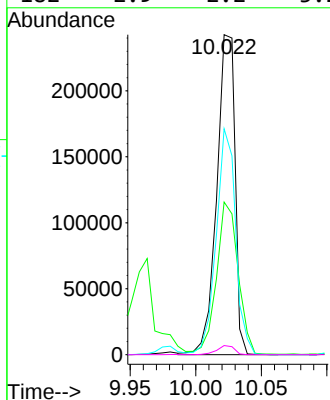
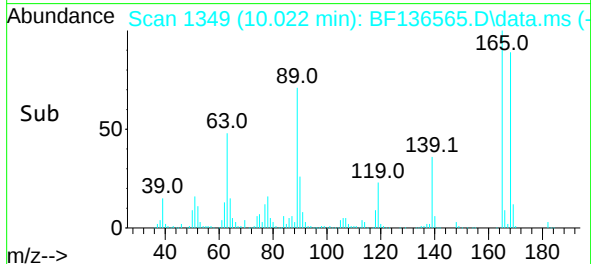
Tgt Ion:165 Resp: 235064
Ion Ratio Lower Upper
165 100
63 47.7 31.4 47.2
89 70.6 51.7 77.5
182 2.9 2.2 3.2

Manual Integrations

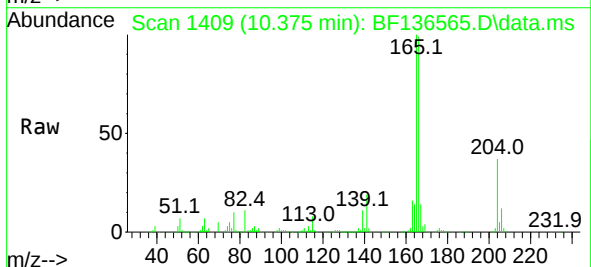
APPROVED

Reviewed By :Yogesh Patel 12/15/2023

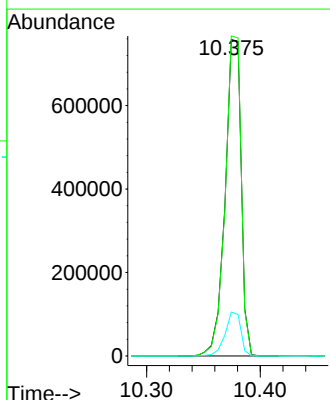
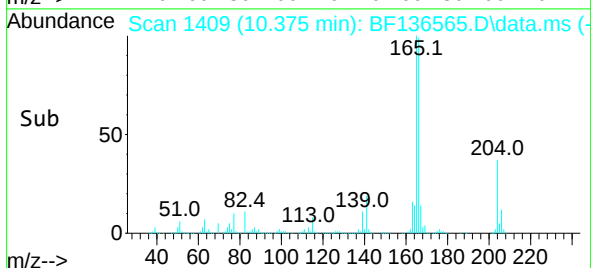
Supervised By :mohammad ahmed 12/15/2023

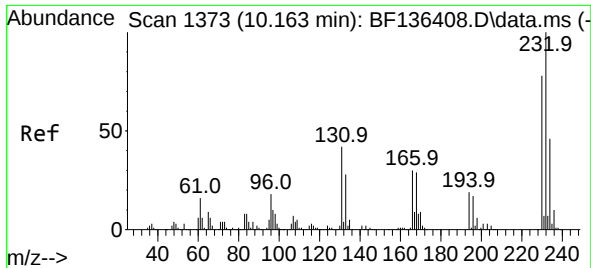


#58
Fluorene
Concen: 43.116 ng
RT: 10.375 min Scan# 1409
Delta R.T. -0.012 min
Lab File: BF136565.D
Acq: 14 Dec 2023 13:27



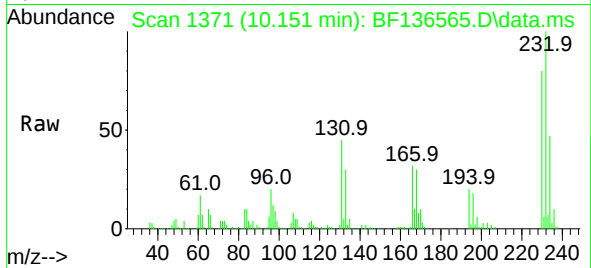
Tgt Ion:166 Resp: 748663
Ion Ratio Lower Upper
166 100
165 101.1 80.5 120.7
167 13.9 10.5 15.7





#59
2,3,4,6-Tetrachlorophenol
Concen: 47.825 ng
RT: 10.151 min Scan# 1371
Delta R.T. -0.012 min
Lab File: BF136565.D
Acq: 14 Dec 2023 13:27

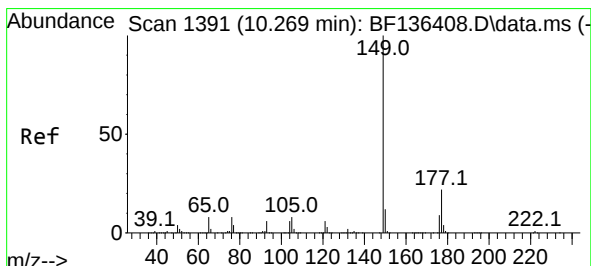
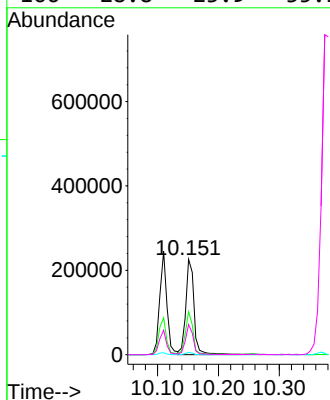
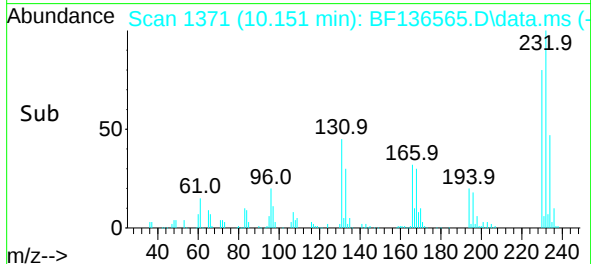
Instrument :
BNA_F
ClientSampleId :
PB157494BS



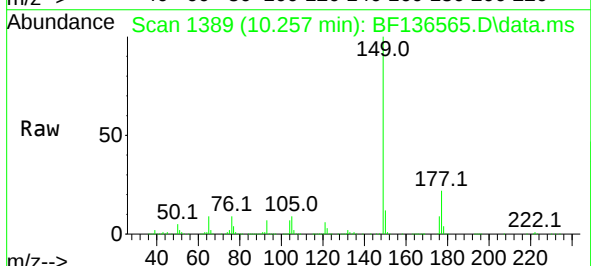
Tgt Ion:232 Resp: 212135
Ion Ratio Lower Upper
232 100
131 41.6 34.3 51.5
130 2.2 1.6 2.4
166 28.8 23.9 35.9

Manual Integrations
APPROVED

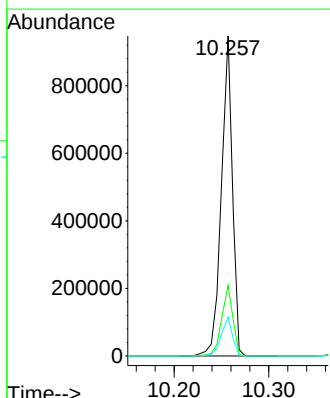
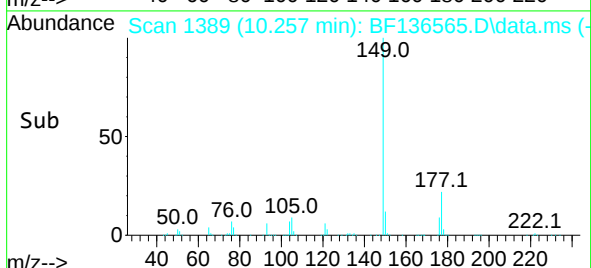
Reviewed By :Yogesh Patel 12/15/2023
Supervised By :mohammad ahmed 12/15/2023

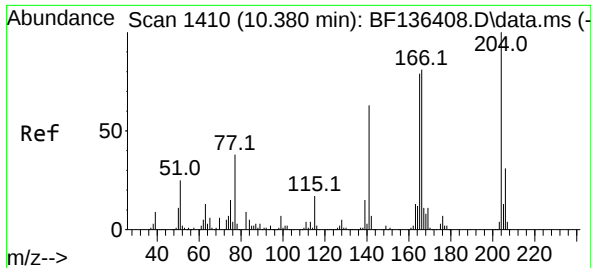


#60
Diethylphthalate
Concen: 43.568 ng
RT: 10.257 min Scan# 1389
Delta R.T. -0.012 min
Lab File: BF136565.D
Acq: 14 Dec 2023 13:27



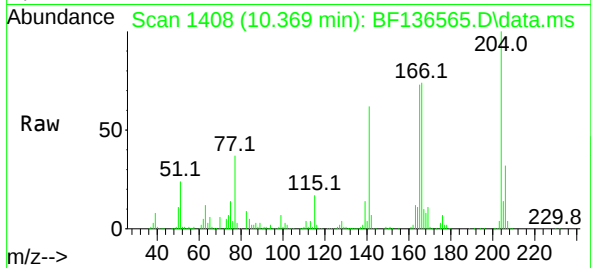
Tgt Ion:149 Resp: 772522
Ion Ratio Lower Upper
149 100
177 22.1 17.8 26.8
150 12.2 9.4 14.0





#61
4-Chlorophenyl-phenylether
Concen: 43.834 ng
RT: 10.369 min Scan# 1410
Delta R.T. -0.012 min
Lab File: BF136565.D
Acq: 14 Dec 2023 13:27

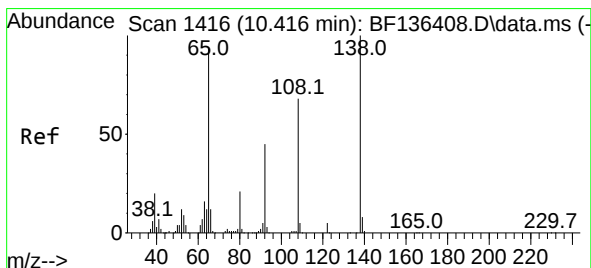
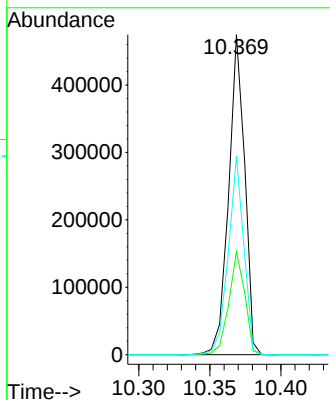
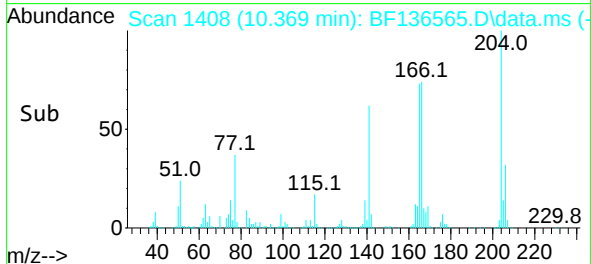
Instrument :
BNA_F
ClientSampleId :
PB157494BS



Tgt Ion:204 Resp: 371050
Ion Ratio Lower Upper
204 100
206 32.3 24.6 36.8
141 61.9 50.3 75.5

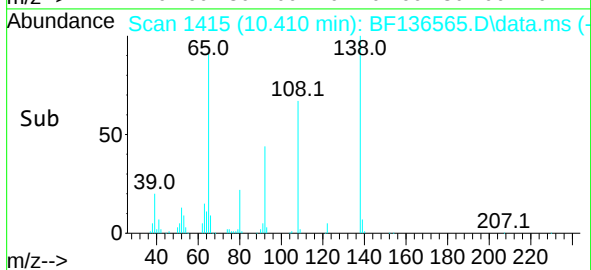
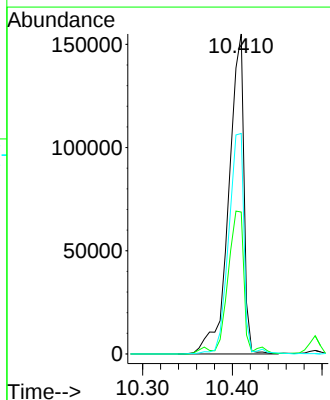
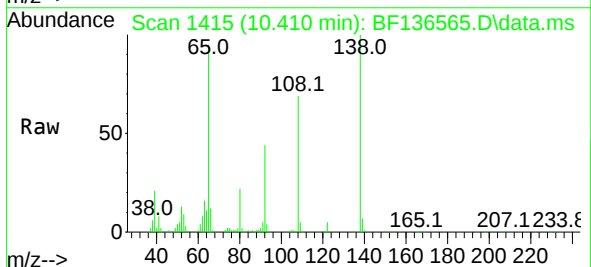
Manual Integrations
APPROVED

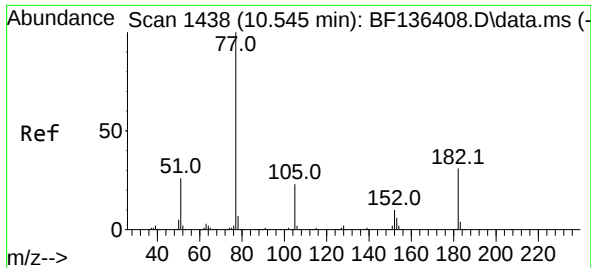
Reviewed By :Yogesh Patel 12/15/2023
Supervised By :mohammad ahmed 12/15/2023



#62
4-Nitroaniline
Concen: 44.248 ng
RT: 10.410 min Scan# 1415
Delta R.T. -0.006 min
Lab File: BF136565.D
Acq: 14 Dec 2023 13:27

Tgt Ion:138 Resp: 182011
Ion Ratio Lower Upper
138 100
92 44.4 25.0 65.0
108 68.9 47.9 87.9





#63
Azobenzene
Concen: 42.564 ng
RT: 10.533 min Scan# 1436
Delta R.T. -0.012 min
Lab File: BF136565.D
Acq: 14 Dec 2023 13:27

Instrument :

BNA_F

ClientSampleId :

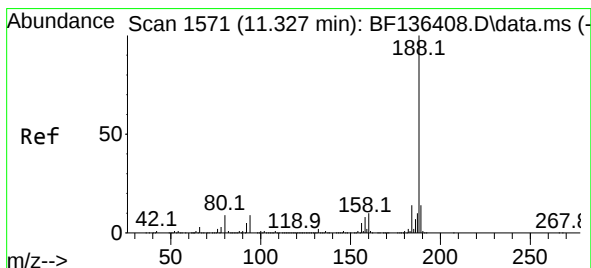
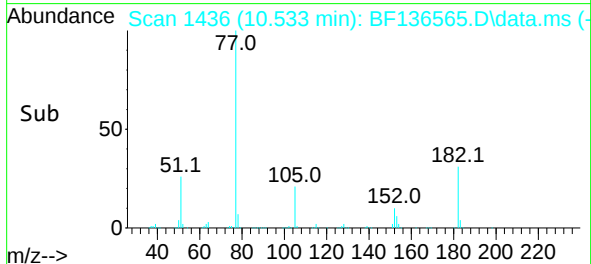
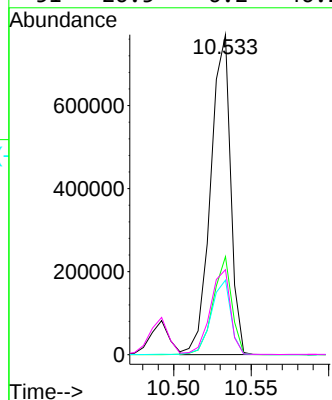
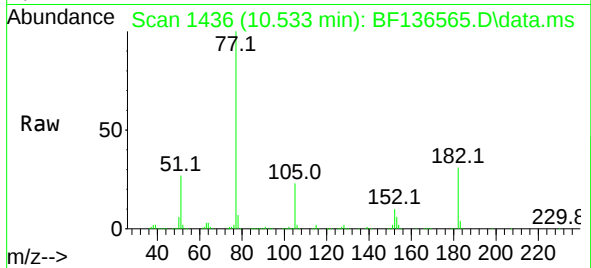
PB157494BS

Tgt Ion: 77 Resp: 68695
Ion Ratio Lower Upper
77 100
182 30.6 10.8 50.8
105 23.3 2.6 42.6
51 26.5 6.2 46.2

Manual Integrations

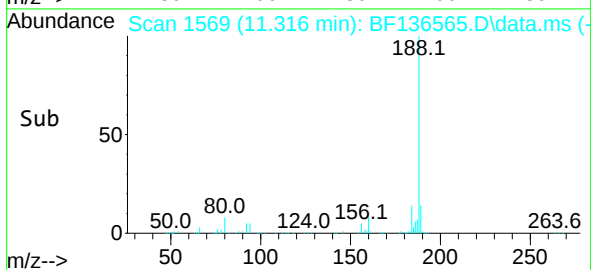
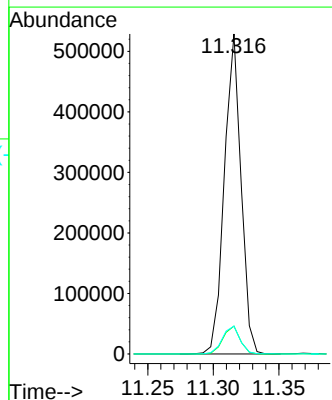
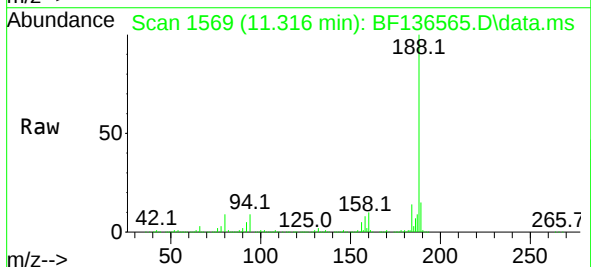
APPROVED

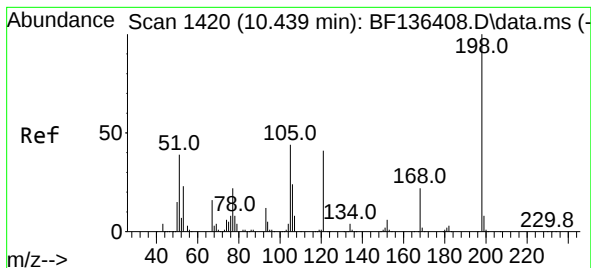
Reviewed By :Yogesh Patel 12/15/2023
Supervised By :mohammad ahmed 12/15/2023



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.316 min Scan# 1569
Delta R.T. -0.012 min
Lab File: BF136565.D
Acq: 14 Dec 2023 13:27

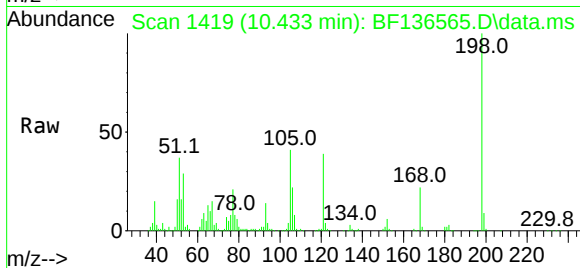
Tgt Ion:188 Resp: 465532
Ion Ratio Lower Upper
188 100
94 8.7 7.2 10.8
80 8.7 7.2 10.8





#65
4,6-Dinitro-2-methylphenol
Concen: 46.392 ng
RT: 10.433 min Scan# 1419
Delta R.T. -0.006 min
Lab File: BF136565.D
Acq: 14 Dec 2023 13:27

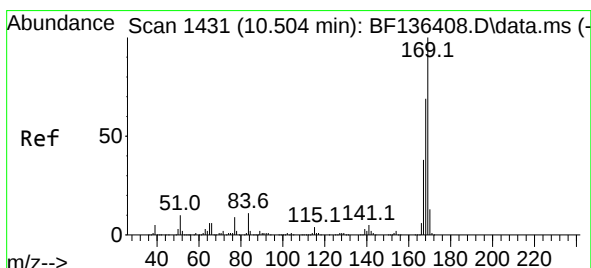
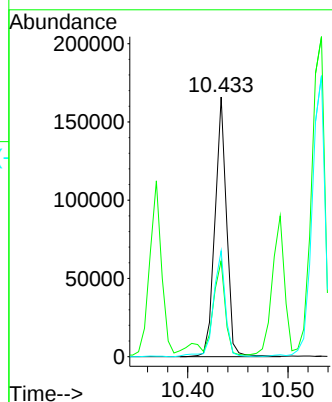
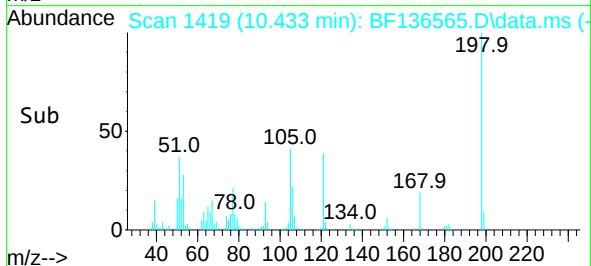
Instrument :
BNA_F
ClientSampleId :
PB157494BS



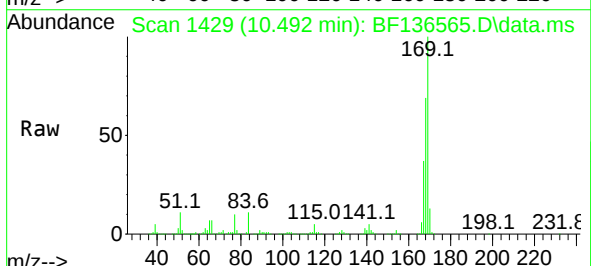
Tgt Ion:198 Resp: 133752
Ion Ratio Lower Upper
198 100
51 36.9 24.1 64.1
105 40.8 24.8 64.8

Manual Integrations
APPROVED

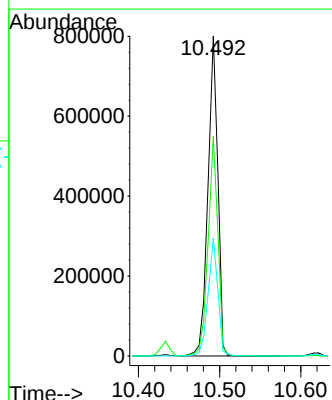
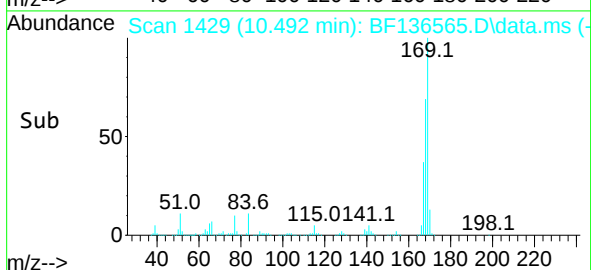
Reviewed By :Yogesh Patel 12/15/2023
Supervised By :mohammad ahmed 12/15/2023

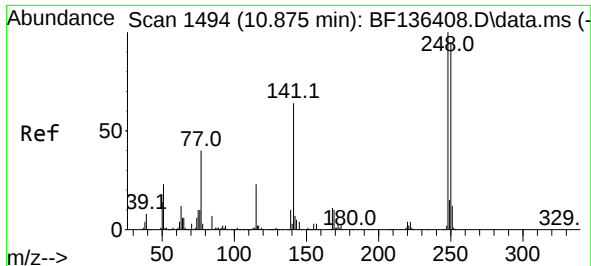


#66
n-Nitrosodiphenylamine
Concen: 45.213 ng
RT: 10.492 min Scan# 1429
Delta R.T. -0.012 min
Lab File: BF136565.D
Acq: 14 Dec 2023 13:27



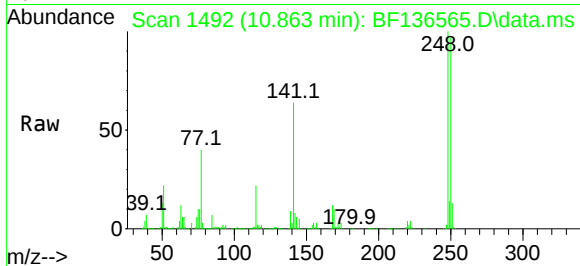
Tgt Ion:169 Resp: 675391
Ion Ratio Lower Upper
169 100
168 68.6 55.3 82.9
167 36.8 30.1 45.1





#67
4-Bromophenyl-phenylether
Concen: 44.242 ng
RT: 10.863 min Scan# 1492
Delta R.T. -0.012 min
Lab File: BF136565.D
Acq: 14 Dec 2023 13:27

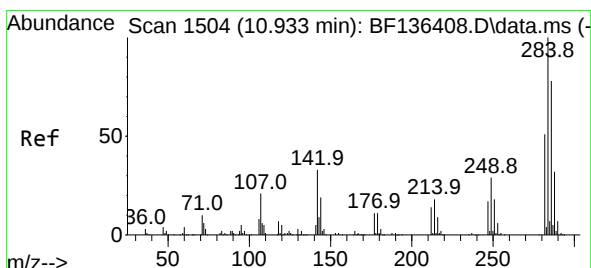
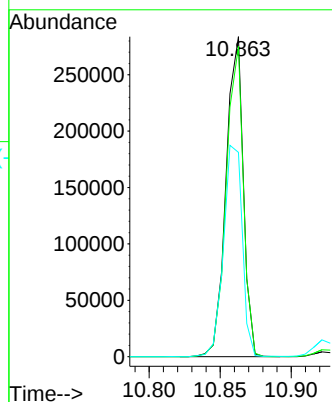
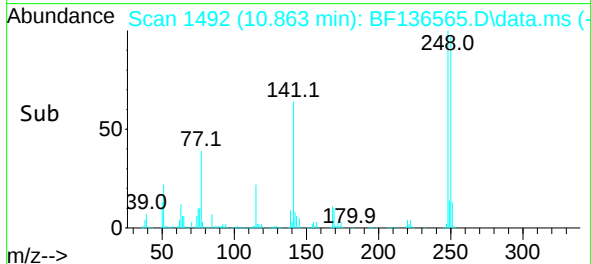
Instrument :
BNA_F
ClientSampleId :
PB157494BS



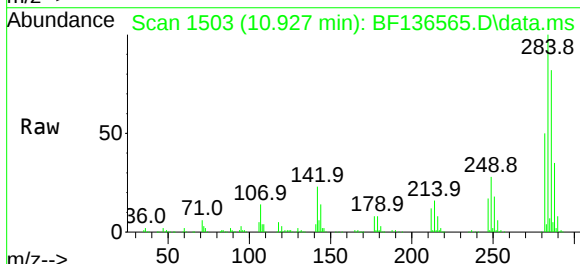
Tgt Ion:248 Resp: 239461
Ion Ratio Lower Upper
248 100
250 96.9 76.2 114.2
141 63.8 51.0 76.4

Manual Integrations
APPROVED

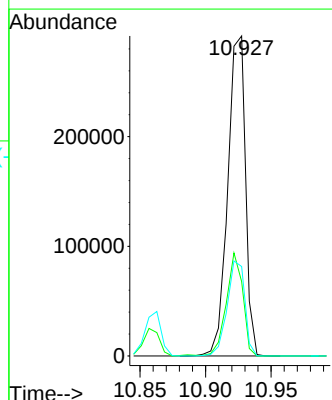
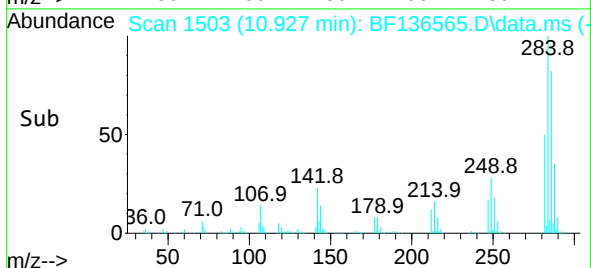
Reviewed By :Yogesh Patel 12/15/2023
Supervised By :mohammad ahmed 12/15/2023

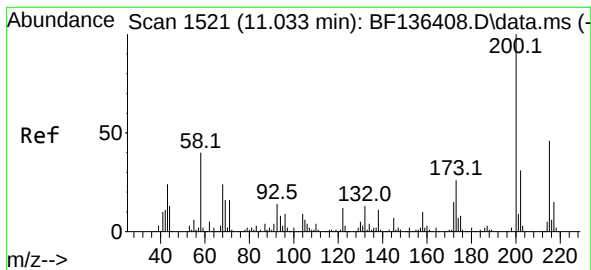


#68
Hexachlorobenzene
Concen: 43.902 ng
RT: 10.927 min Scan# 1503
Delta R.T. -0.006 min
Lab File: BF136565.D
Acq: 14 Dec 2023 13:27



Tgt Ion:284 Resp: 274637
Ion Ratio Lower Upper
284 100
142 23.3 26.5 39.7#
249 27.9 23.4 35.0





#69

Atrazine

Concen: 55.130 ng

RT: 11.027 min Scan# 11027

Delta R.T. -0.006 min

Lab File: BF136565.D

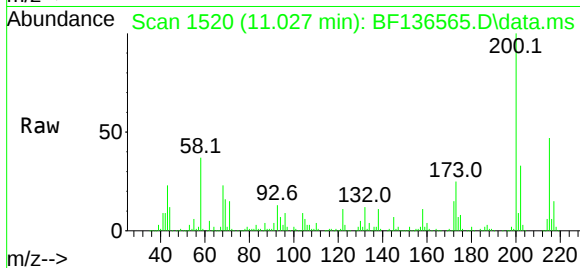
Acq: 14 Dec 2023 13:27

Instrument :

BNA_F

ClientSampleId :

PB157494BS



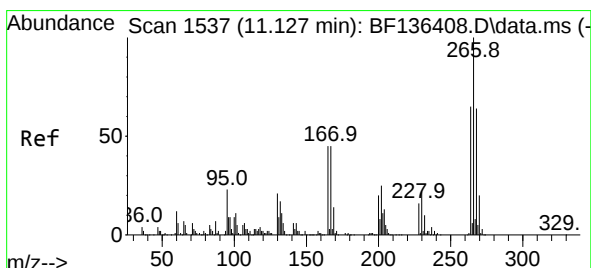
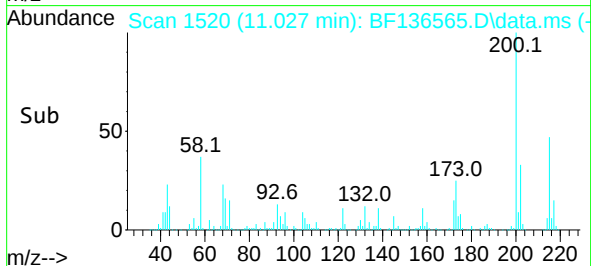
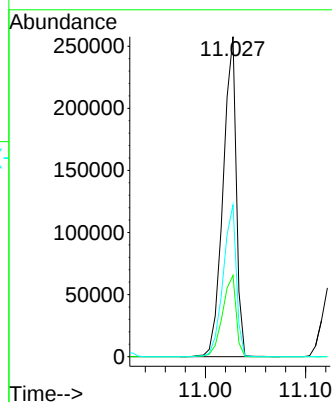
Tgt Ion:200	Resp:	235049
Ion Ratio	Lower	Upper
200	100	
173	25.4	6.0 46.0
215	47.4	25.5 65.5

Manual Integrations

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Reviewed By :Yogesh Patel 12/15/2023

Supervised By :mohammad ahmed 12/15/2023



#70

Pentachlorophenol

Concen: 78.759 ng

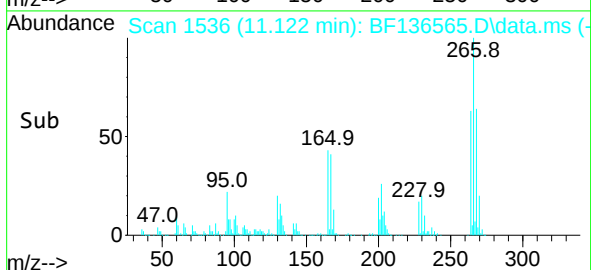
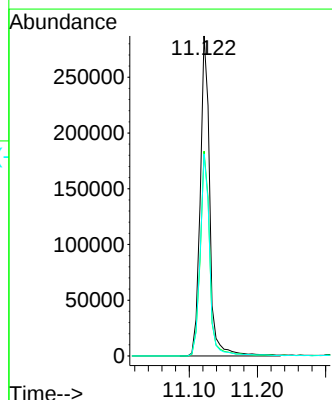
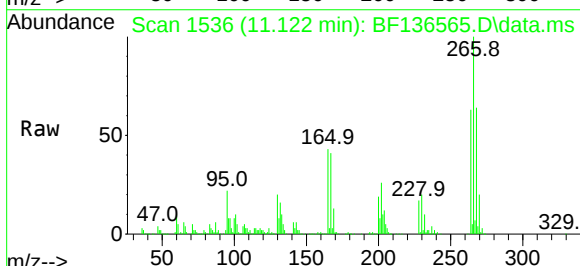
RT: 11.122 min Scan# 1536

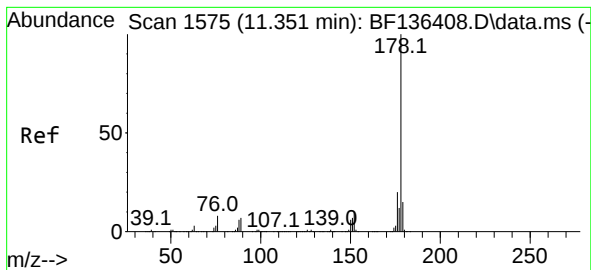
Delta R.T. -0.006 min

Lab File: BF136565.D

Acq: 14 Dec 2023 13:27

Tgt Ion:266	Resp:	278065
Ion Ratio	Lower	Upper
266	100	
268	64.0	51.0 76.6
264	63.1	52.2 78.4





#71

Phenanthrene

Concen: 45.275 ng

RT: 11.345 min Scan# 1574

Delta R.T. -0.006 min

Lab File: BF136565.D

Acq: 14 Dec 2023 13:27

Instrument :

BNA_F

ClientSampleId :

PB157494BS

Tgt Ion:178 Resp: 1158480

Ion Ratio Lower Upper

178 100

176 19.3 15.9 23.9

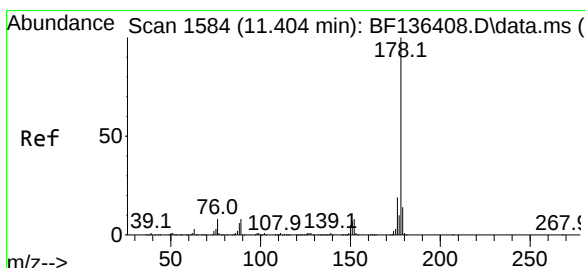
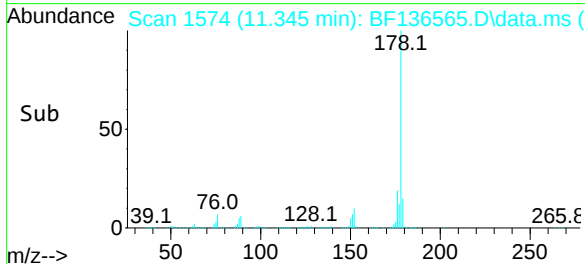
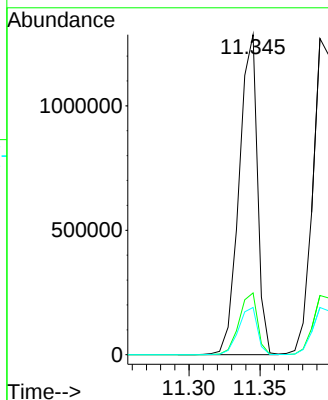
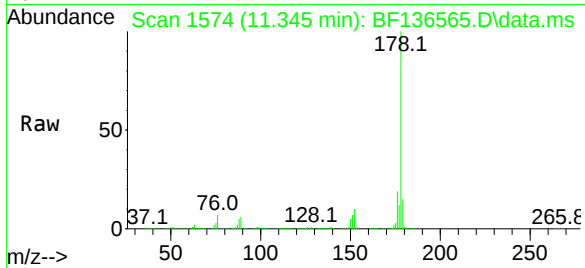
179 14.8 11.8 17.6

Manual Integrations

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Reviewed By :Yogesh Patel 12/15/2023

Supervised By :mohammad ahmed 12/15/2023



#72

Anthracene

Concen: 45.802 ng

RT: 11.392 min Scan# 1582

Delta R.T. -0.012 min

Lab File: BF136565.D

Acq: 14 Dec 2023 13:27

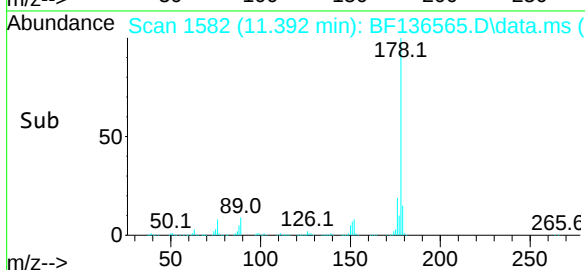
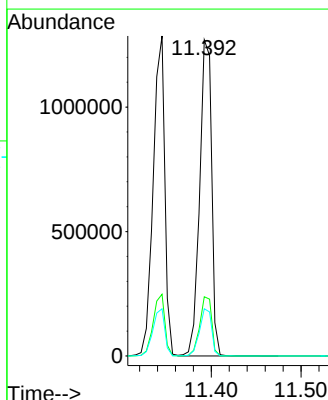
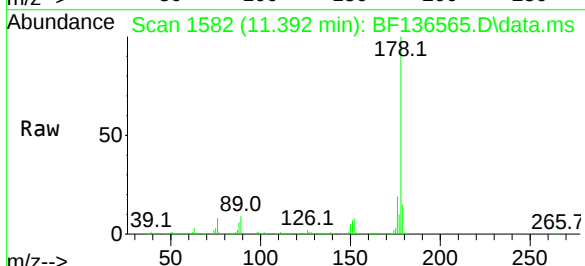
Tgt Ion:178 Resp: 1180430

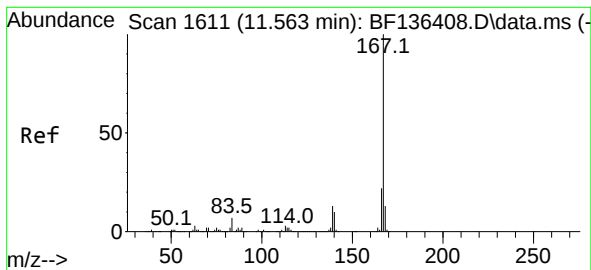
Ion Ratio Lower Upper

178 100

176 18.7 15.3 22.9

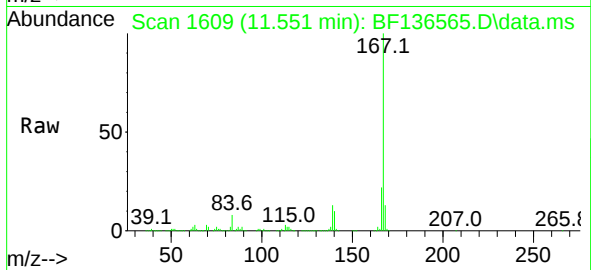
179 15.0 11.4 17.0





#73
Carbazole
Concen: 44.702 ng
RT: 11.551 min Scan# 1609
Delta R.T. -0.012 min
Lab File: BF136565.D
Acq: 14 Dec 2023 13:27

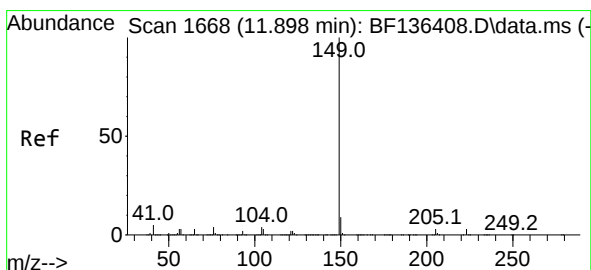
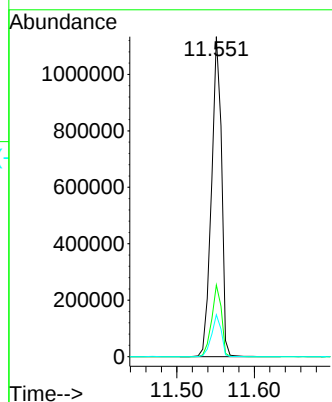
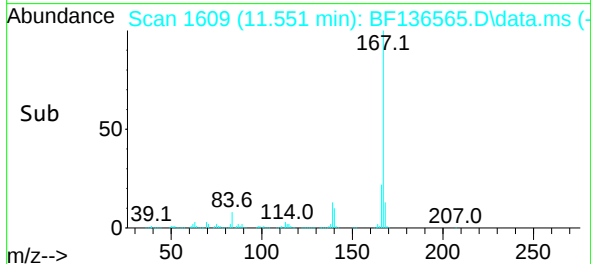
Instrument :
BNA_F
ClientSampleId :
PB157494BS



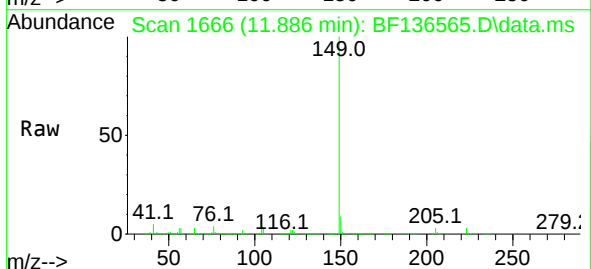
Tgt Ion:167 Resp: 101968
Ion Ratio Lower Upper
167 100
166 22.4 18.0 27.0
139 13.1 10.2 15.4

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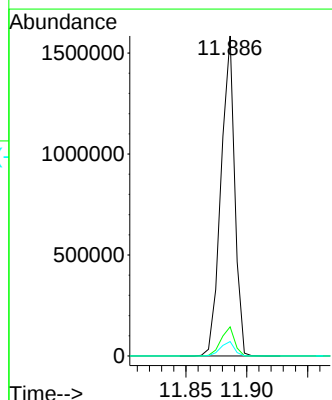
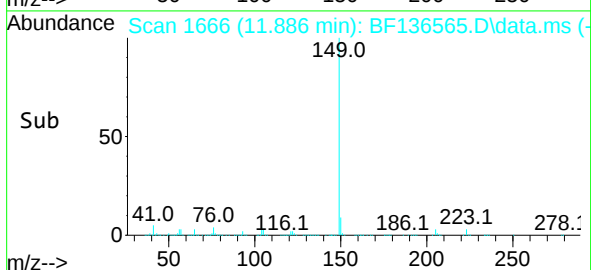
Reviewed By :Yogesh Patel 12/15/2023
Supervised By :mohammad ahmed 12/15/2023

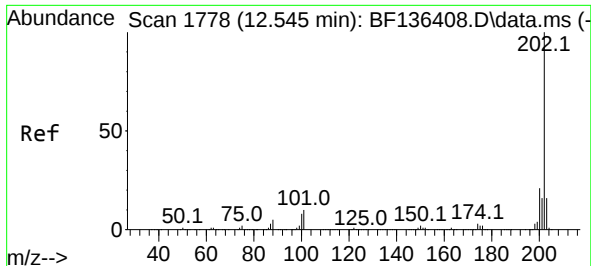


#74
Di-n-butylphthalate
Concen: 44.451 ng
RT: 11.886 min Scan# 1666
Delta R.T. -0.012 min
Lab File: BF136565.D
Acq: 14 Dec 2023 13:27



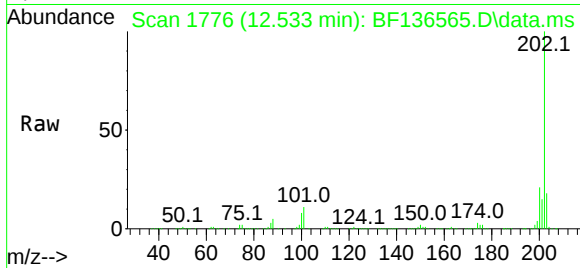
Tgt Ion:149 Resp: 1243015
Ion Ratio Lower Upper
149 100
150 9.1 6.9 10.3
104 4.5 3.5 5.3





#75
Fluoranthene
Concen: 44.544 ng
RT: 12.533 min Scan# 11
Delta R.T. -0.012 min
Lab File: BF136565.D
Acq: 14 Dec 2023 13:27

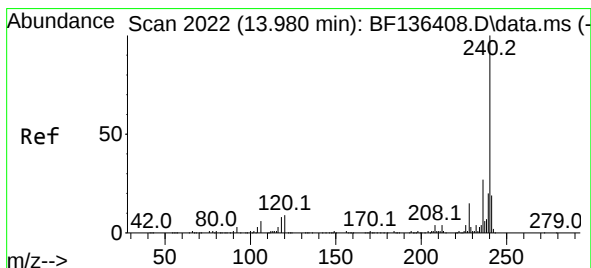
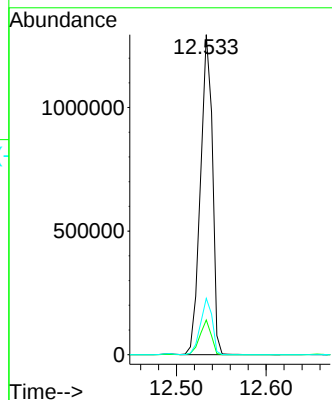
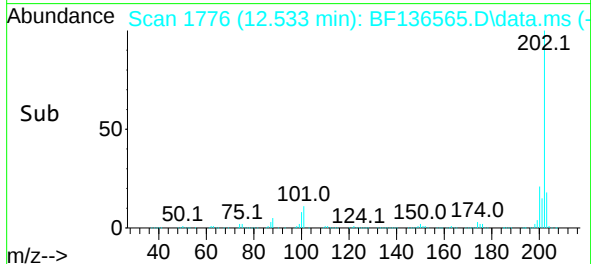
Instrument :
BNA_F
ClientSampleId :
PB157494BS



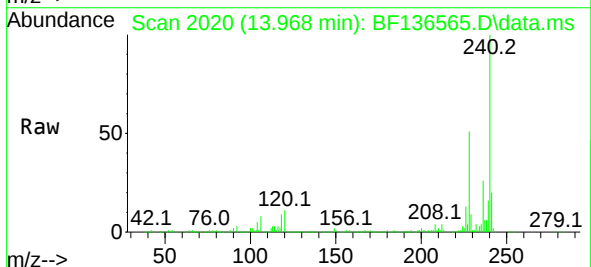
Tgt Ion:202 Resp: 1194420
Ion Ratio Lower Upper
202 100
101 10.9 0.0 29.9
203 17.6 0.0 36.3

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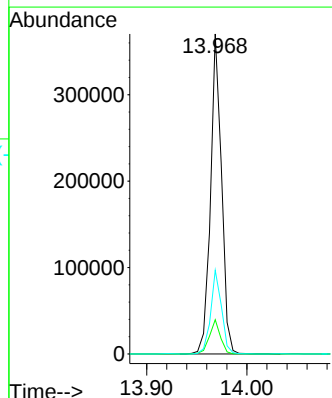
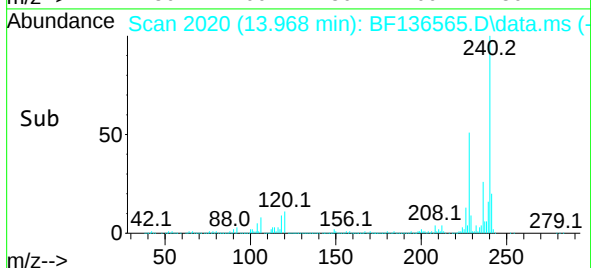
Reviewed By :Yogesh Patel 12/15/2023
Supervised By :mohammad ahmed 12/15/2023

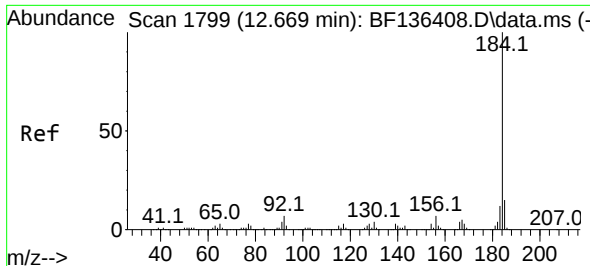


#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.968 min Scan# 2020
Delta R.T. -0.012 min
Lab File: BF136565.D
Acq: 14 Dec 2023 13:27



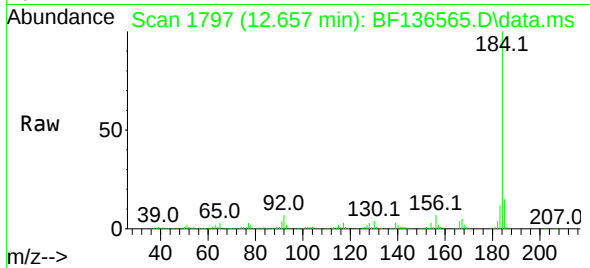
Tgt Ion:240 Resp: 283591
Ion Ratio Lower Upper
240 100
120 10.7 7.3 10.9
236 26.2 21.3 31.9





#77
Benzidine
Concen: 43.696 ng
RT: 12.657 min Scan# 11
Delta R.T. -0.012 min
Lab File: BF136565.D
Acq: 14 Dec 2023 13:27

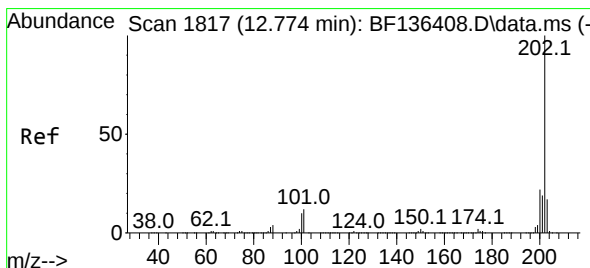
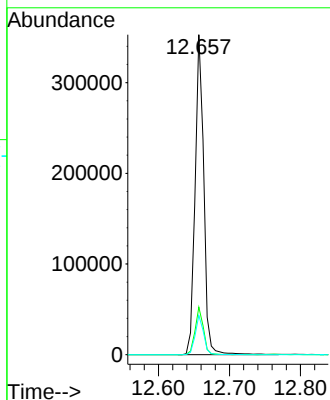
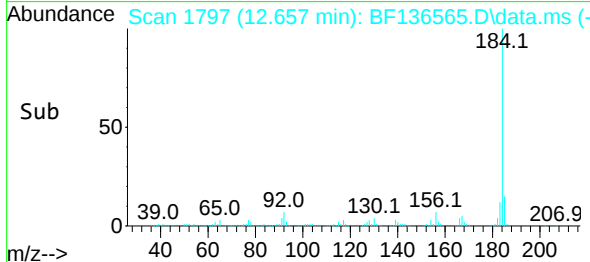
Instrument :
BNA_F
ClientSampleId :
PB157494BS



Tgt Ion:184 Resp: 300150
Ion Ratio Lower Upper
184 100
185 14.8 12.0 18.0
183 12.2 9.4 14.0

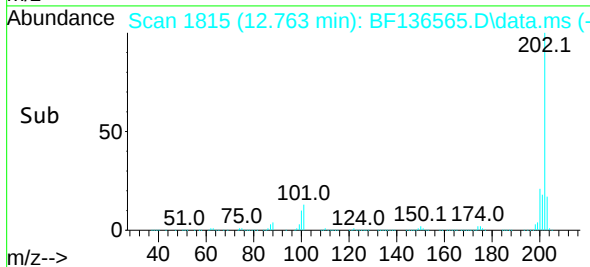
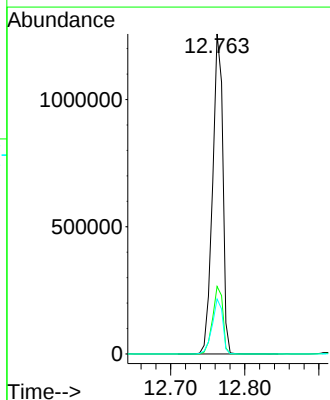
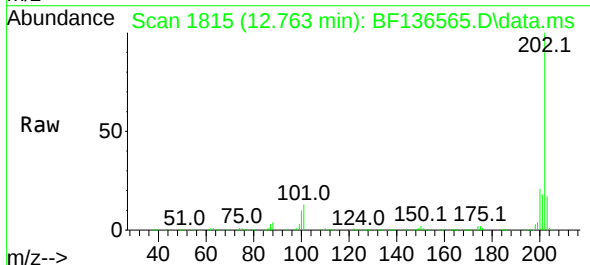
Manual Integrations
APPROVED

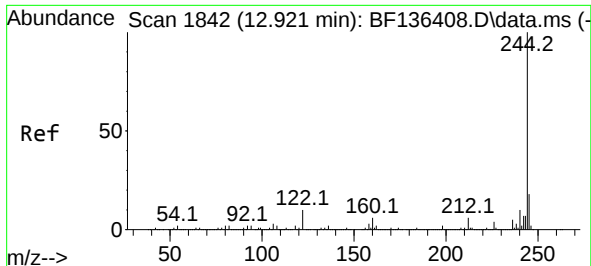
Reviewed By :Yogesh Patel 12/15/2023
Supervised By :mohammad ahmed 12/15/2023



#78
Pyrene
Concen: 43.191 ng
RT: 12.763 min Scan# 1815
Delta R.T. -0.012 min
Lab File: BF136565.D
Acq: 14 Dec 2023 13:27

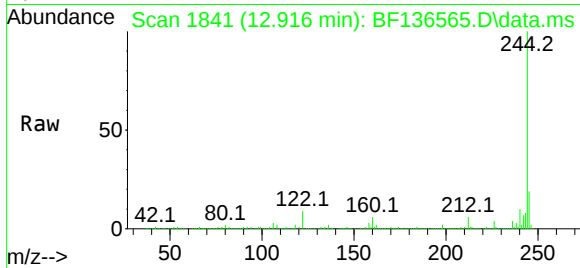
Tgt Ion:202 Resp: 1199583
Ion Ratio Lower Upper
202 100
200 21.1 18.0 27.0
203 17.2 13.5 20.3





#79
 Terphenyl-d14
 Concen: 83.923 ng
 RT: 12.916 min Scan# 1842
 Delta R.T. -0.006 min
 Lab File: BF136565.D
 Acq: 14 Dec 2023 13:27

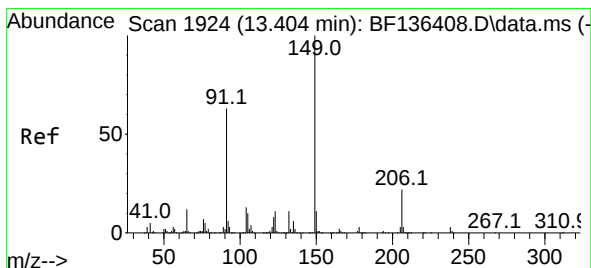
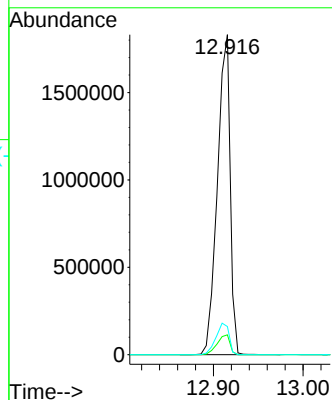
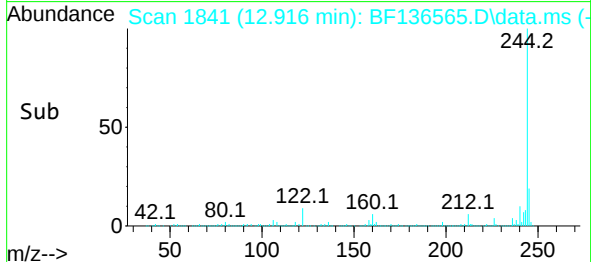
Instrument :
 BNA_F
 ClientSampleId :
 PB157494BS



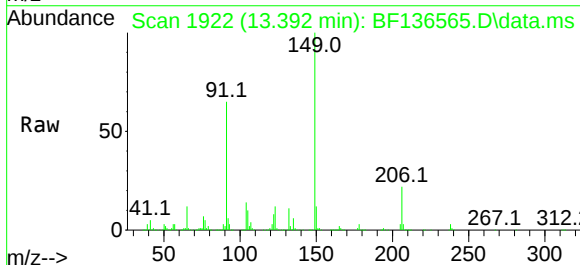
Tgt Ion:244 Resp: 180569
 Ion Ratio Lower Upper
 244 100
 212 6.2 5.0 7.4
 122 8.8 8.3 12.5

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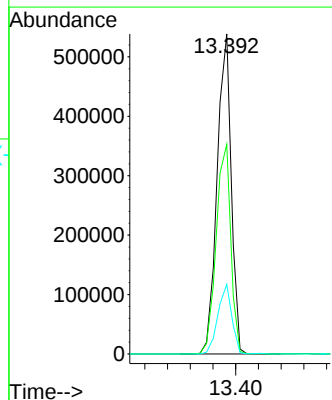
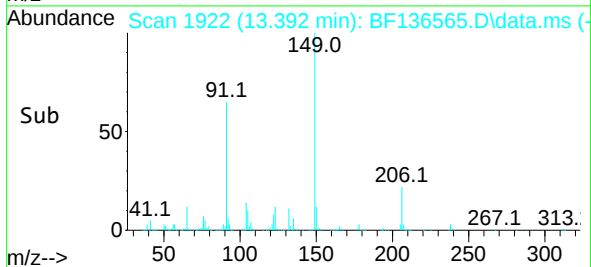
Reviewed By :Yogesh Patel 12/15/2023
 Supervised By :mohammad ahmed 12/15/2023

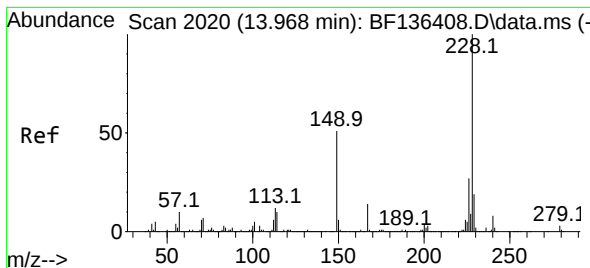


#80
 Butylbenzylphthalate
 Concen: 47.183 ng
 RT: 13.392 min Scan# 1922
 Delta R.T. -0.012 min
 Lab File: BF136565.D
 Acq: 14 Dec 2023 13:27



Tgt Ion:149 Resp: 466497
 Ion Ratio Lower Upper
 149 100
 91 65.5 50.5 75.7
 206 21.7 17.4 26.2





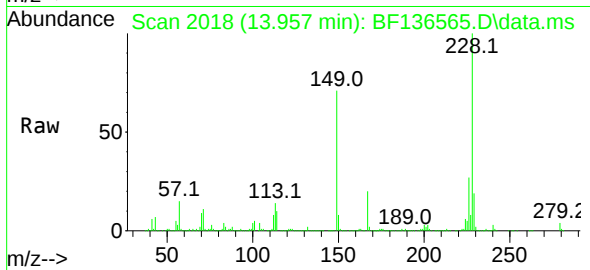
#81
Benzo(a)anthracene
Concen: 45.319 ng
RT: 13.957 min Scan# 2018
Delta R.T. -0.012 min
Lab File: BF136565.D
Acq: 14 Dec 2023 13:27

Instrument :

BNA_F

ClientSampleId :

PB157494BS

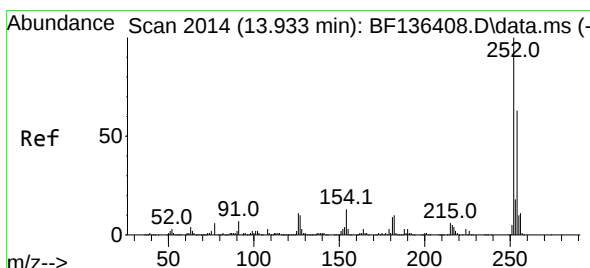
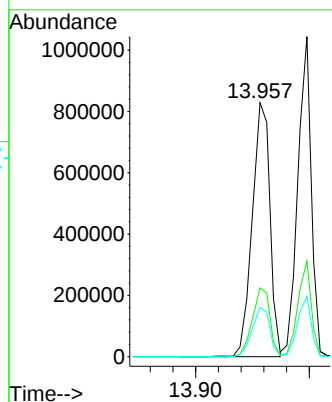
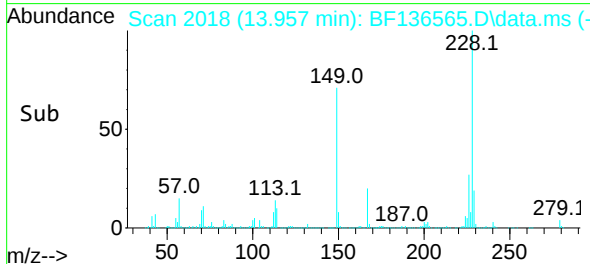


Tgt Ion:228 Resp: 895220
Ion Ratio Lower Upper
228 100
226 27.1 21.8 32.8
229 19.4 15.0 22.4

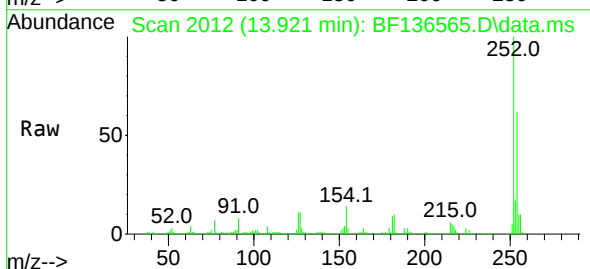
Manual Integrations

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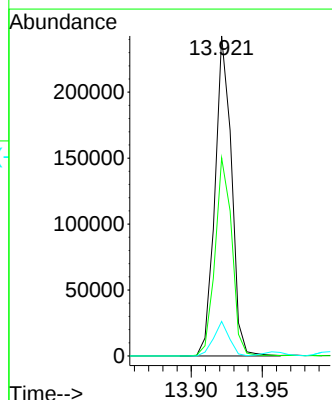
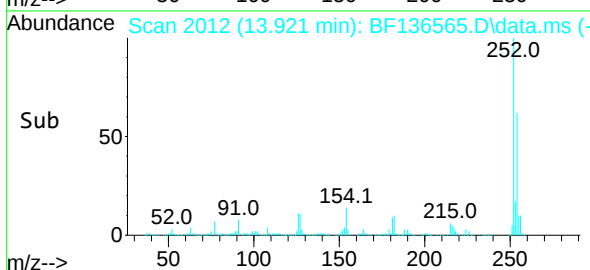
Reviewed By :Yogesh Patel 12/15/2023
Supervised By :mohammad ahmed 12/15/2023

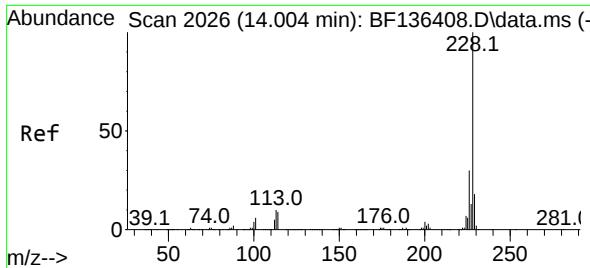


#82
3,3'-Dichlorobenzidine
Concen: 35.416 ng
RT: 13.921 min Scan# 2012
Delta R.T. -0.012 min
Lab File: BF136565.D
Acq: 14 Dec 2023 13:27



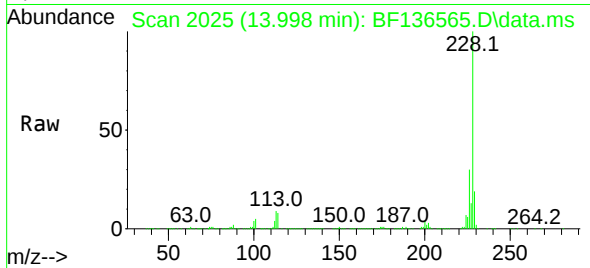
Tgt Ion:252 Resp: 196154
Ion Ratio Lower Upper
252 100
254 61.9 50.8 76.2
126 10.8 8.6 12.8





#83
Chrysene
Concen: 44.212 ng
RT: 13.998 min Scan# 2017
Delta R.T. -0.006 min
Lab File: BF136565.D
Acq: 14 Dec 2023 13:27

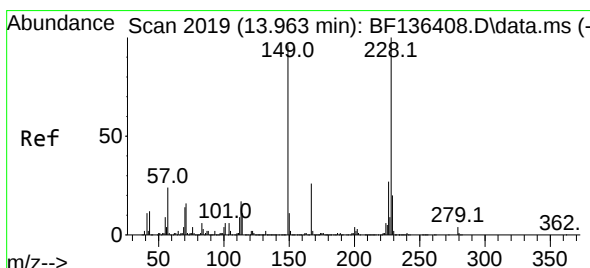
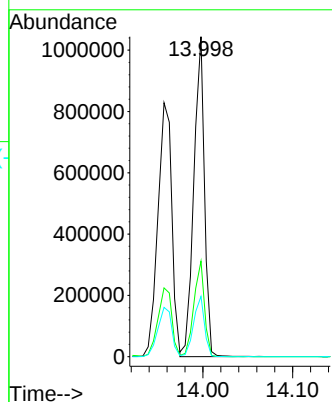
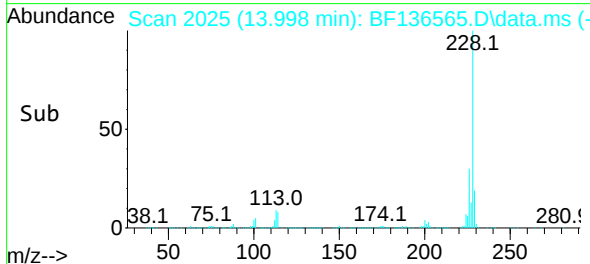
Instrument :
BNA_F
ClientSampleId :
PB157494BS



Tgt Ion:228 Resp: 859258
Ion Ratio Lower Upper
228 100
226 29.8 23.8 35.6
229 18.9 14.8 22.2

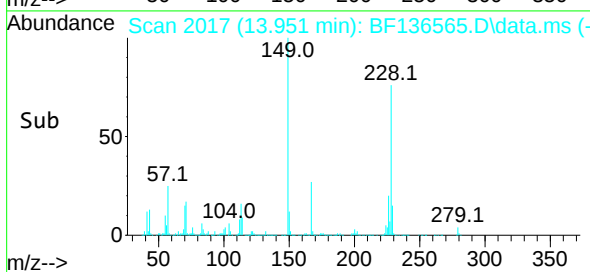
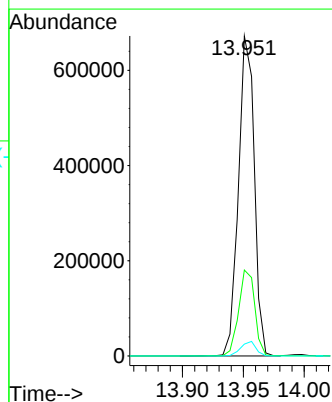
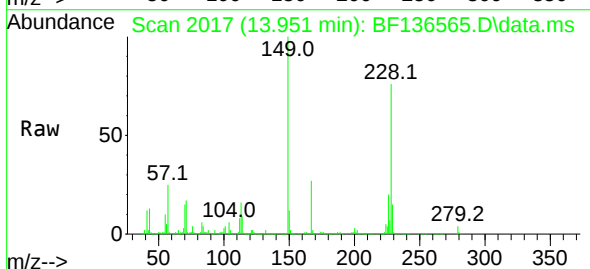
Manual Integrations
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Reviewed By :Yogesh Patel 12/15/2023
Supervised By :mohammad ahmed 12/15/2023



#84
Bis(2-ethylhexyl)phthalate
Concen: 50.249 ng
RT: 13.951 min Scan# 2017
Delta R.T. -0.012 min
Lab File: BF136565.D
Acq: 14 Dec 2023 13:27

Tgt Ion:149 Resp: 609038
Ion Ratio Lower Upper
149 100
167 26.8 21.2 31.8
279 3.7 3.1 4.7





#85

Di-n-octyl phthalate

Concen: 53.339 ng

RT: 14.568 min Scan# 2122

Delta R.T. -0.012 min

Lab File: BF136565.D

Acq: 14 Dec 2023 13:27

Instrument :

BNA_F

ClientSampleId :

PB157494BS

Tgt Ion:149 Resp: 95493

Ion Ratio Lower Upper

149 100

167 1.6 1.3 1.9

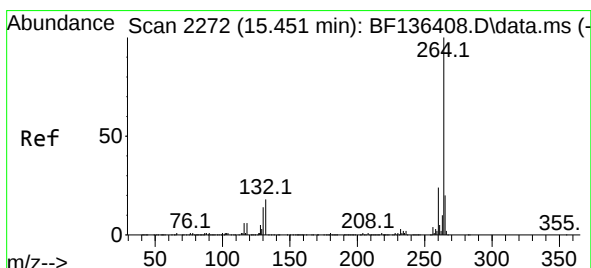
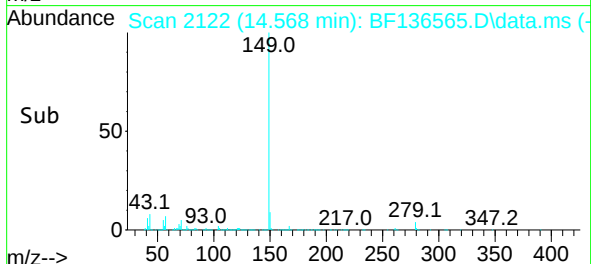
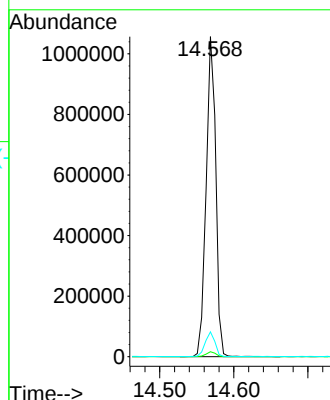
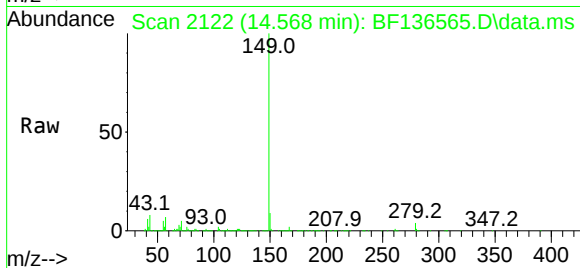
43 7.8 6.8 10.2

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: 15.445 min Scan# 2271

Delta R.T. -0.006 min

Lab File: BF136565.D

Acq: 14 Dec 2023 13:27

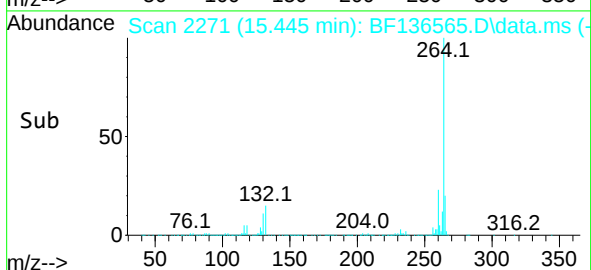
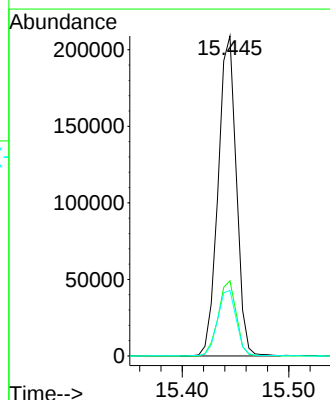
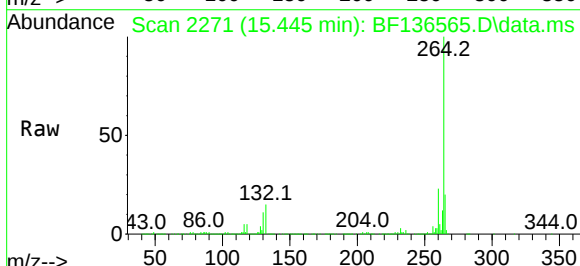
Tgt Ion:264 Resp: 247746

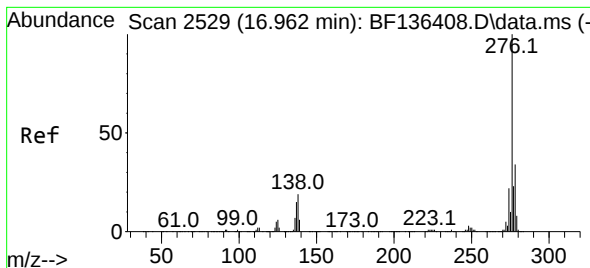
Ion Ratio Lower Upper

264 100

260 23.5 19.2 28.8

265 20.5 15.9 23.9





#87

Indeno(1,2,3-cd)pyrene

Concen: 47.586 ng

RT: 16.951 min Scan# 2197

Delta R.T. -0.012 min

Lab File: BF136565.D

Acq: 14 Dec 2023 13:27

Instrument :

BNA_F

ClientSampleId :

PB157494BS

Tgt Ion:276 Resp: 819030

Ion Ratio Lower Upper

276 100

138 23.2 19.0 28.4

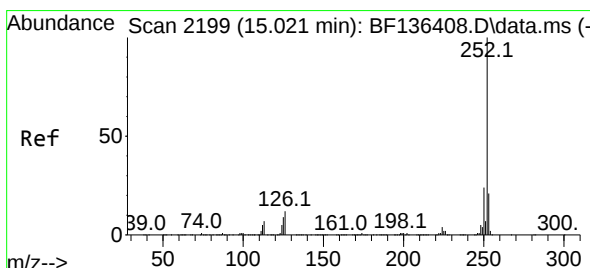
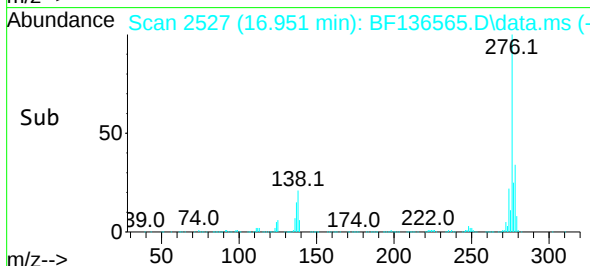
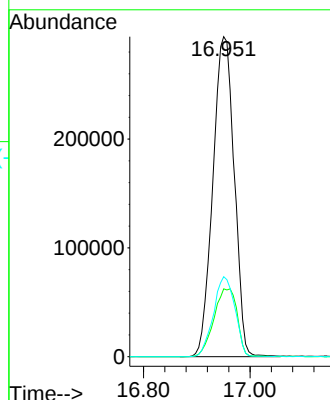
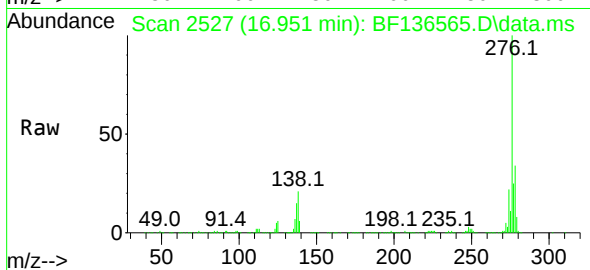
277 25.2 20.0 30.0

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 12/15/2023

Supervised By :mohammad ahmed 12/15/2023



#88

Benzo(b)fluoranthene

Concen: 45.640 ng

RT: 15.010 min Scan# 2197

Delta R.T. -0.012 min

Lab File: BF136565.D

Acq: 14 Dec 2023 13:27

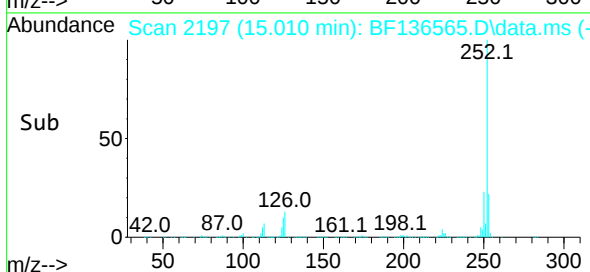
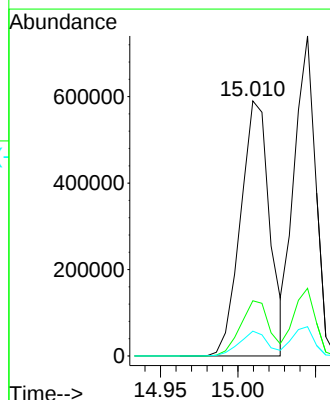
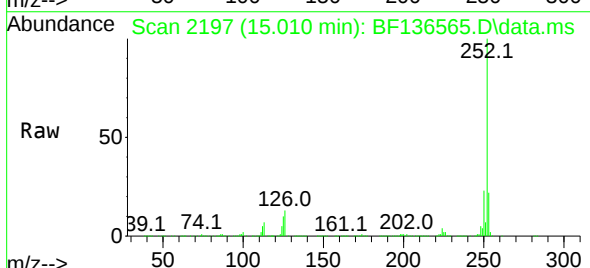
Tgt Ion:252 Resp: 773089

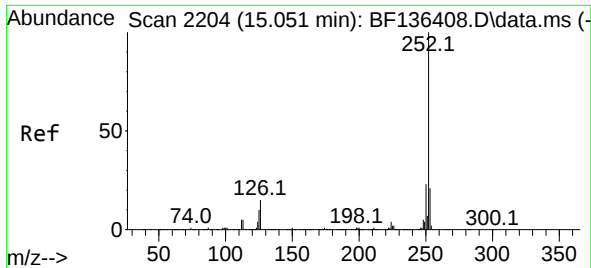
Ion Ratio Lower Upper

252 100

253 21.6 16.9 25.3

125 9.7 7.4 11.2





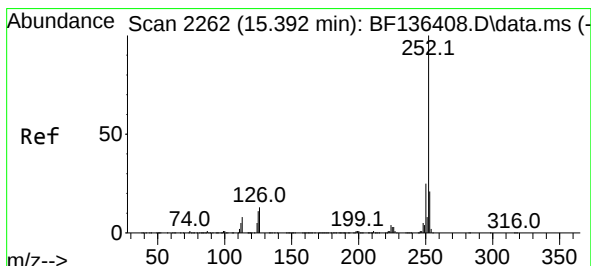
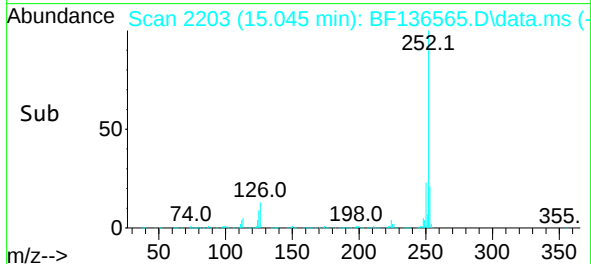
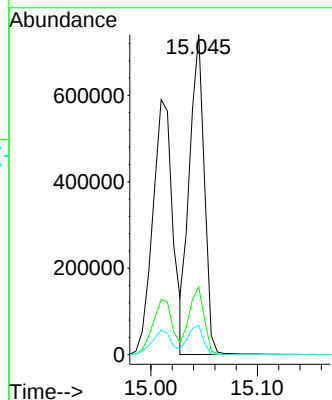
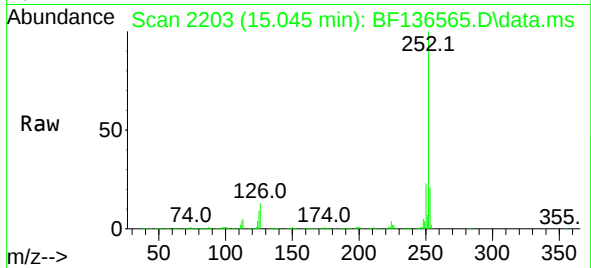
#89
Benzo(k)fluoranthene
Concen: 44.747 ng
RT: 15.045 min Scan# 21
Delta R.T. -0.006 min
Lab File: BF136565.D
Acq: 14 Dec 2023 13:27

Instrument :
BNA_F
ClientSampleId :
PB157494BS

Tgt Ion:252 Resp: 71431
Ion Ratio Lower Upper
252 100
253 21.1 16.9 25.3
125 9.2 7.5 11.3

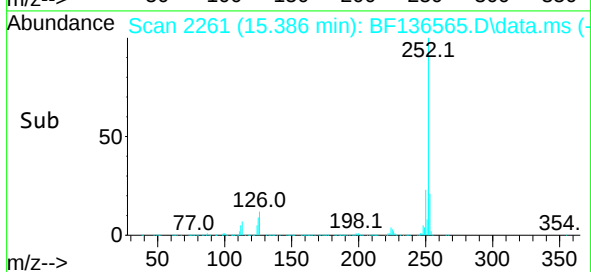
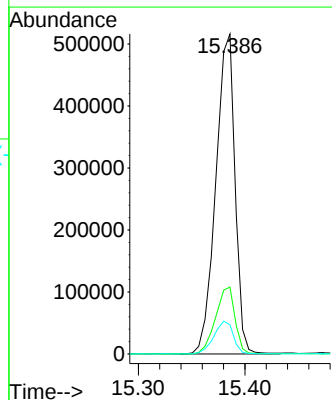
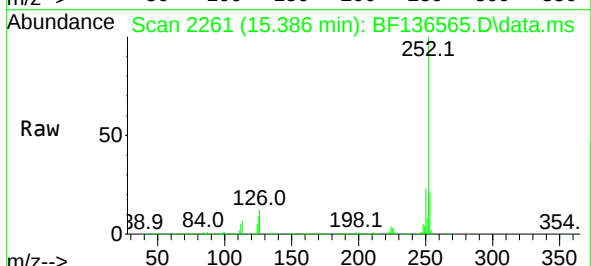
Manual Integrations
APPROVED

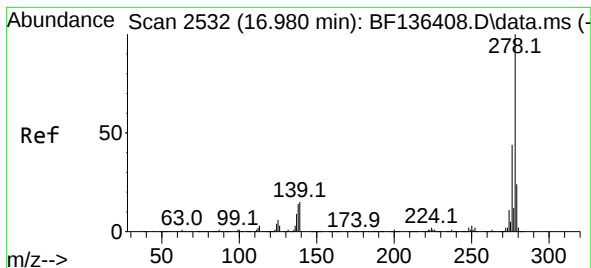
Reviewed By :Yogesh Patel 12/15/2023
Supervised By :mohammad ahmed 12/15/2023



#90
Benzo(a)pyrene
Concen: 46.258 ng
RT: 15.386 min Scan# 2261
Delta R.T. -0.006 min
Lab File: BF136565.D
Acq: 14 Dec 2023 13:27

Tgt Ion:252 Resp: 647107
Ion Ratio Lower Upper
252 100
253 20.9 17.0 25.4
125 9.1 8.6 13.0





#91

Dibenzo(a,h)anthracene

Concen: 48.148 ng

RT: 16.974 min Scan# 2531

Delta R.T. -0.006 min

Lab File: BF136565.D

Acq: 14 Dec 2023 13:27

Instrument :

BNA_F

ClientSampleId :

PB157494BS

Tgt Ion:278 Resp: 678900

Ion Ratio Lower Upper

278 100

139 14.2 12.2 18.4

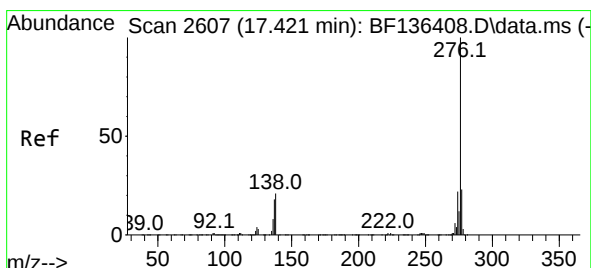
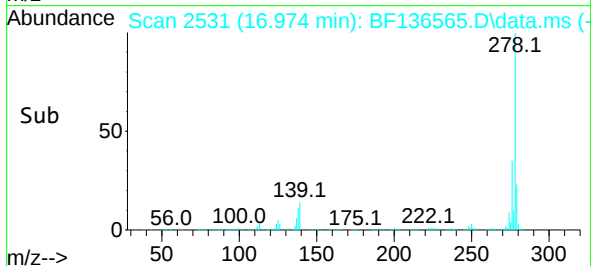
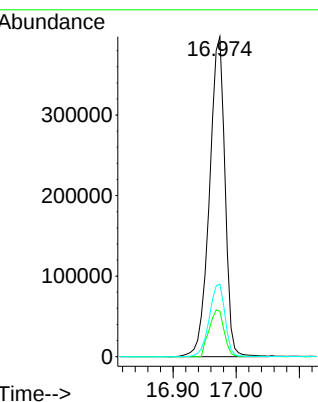
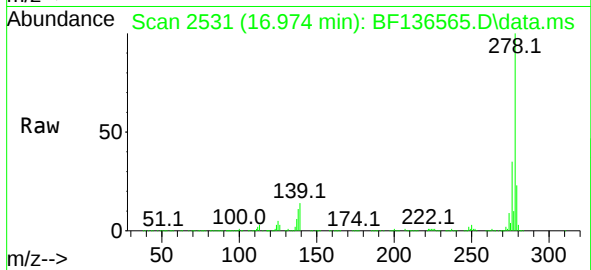
279 22.6 19.0 28.4

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 12/15/2023

Supervised By :mohammad ahmed 12/15/2023



#92

Benzo(g,h,i)perylene

Concen: 45.656 ng

RT: 17.409 min Scan# 2605

Delta R.T. -0.012 min

Lab File: BF136565.D

Acq: 14 Dec 2023 13:27

Tgt Ion:276 Resp: 660756

Ion Ratio Lower Upper

276 100

277 24.3 18.7 28.1

138 19.8 16.6 25.0

