

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF120723\
 Data File : BF136444.D
 Acq On : 07 Dec 2023 13:22
 Operator : CG\JU
 Sample : PB157532BS
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB157532BS

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 12/08/2023
 Supervised By :mohammad ahmed 12/08/2023

Quant Time: Dec 07 13:52:12 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF120523.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Dec 06 09:40:27 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.798	152	125422	20.000	ng	0.00
21) Naphthalene-d8	8.081	136	525936	20.000	ng	0.00
39) Acenaphthene-d10	9.839	164	275547	20.000	ng	0.00
64) Phenanthrene-d10	11.327	188	531039	20.000	ng	0.00
76) Chrysene-d12	13.986	240	324448	20.000	ng	0.00
86) Perylene-d12	15.462	264	246230	20.000	ng	0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.451	112	1066887	125.624	ng	0.02
7) Phenol-d6	6.451	99	1344603	126.898	ng	0.00
23) Nitrobenzene-d5	7.369	82	812246	83.490	ng	0.00
42) 2,4,6-Tribromophenol	10.639	330	448287	131.945	ng	0.00
45) 2-Fluorobiphenyl	9.163	172	1636444	81.036	ng	0.00
79) Terphenyl-d14	12.927	244	2063800	83.840	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	2.669	88	127966	38.095	ng	97
3) Pyridine	3.428	79	281551	34.611	ng	98
4) n-Nitrosodimethylamine	3.399	42	156619	44.315	ng	97
6) Aniline	6.469	93	401191	37.465	ng	99
8) 2-Chlorophenol	6.587	128	427956	46.158	ng	98
9) Benzaldehyde	6.351	77	117358	19.189	ng	97
10) Phenol	6.463	94	497821	44.153	ng	86
11) bis(2-Chloroethyl)ether	6.545	93	371796	44.239	ng	96
12) 1,3-Dichlorobenzene	6.745	146	436841	41.896	ng	98
13) 1,4-Dichlorobenzene	6.822	146	441770	41.767	ng	99
14) 1,2-Dichlorobenzene	6.969	146	423499	42.579	ng	99
15) Benzyl Alcohol	6.951	79	322613	45.468	ng	97
16) 2,2'-oxybis(1-Chloropr...	7.075	45	472607	43.723	ng	95
17) 2-Methylphenol	7.063	107	345567	46.135	ng	98
18) Hexachloroethane	7.310	117	155118	42.006	ng	98
19) n-Nitroso-di-n-propyla...	7.222	70	267403	43.748	ng	100
20) 3+4-Methylphenols	7.216	107	411166	44.224	ng	97
22) Acetophenone	7.216	105	574323	44.222	ng	97
24) Nitrobenzene	7.387	77	406066	41.491	ng	99
25) Isophorone	7.622	82	758676	43.406	ng	99
26) 2-Nitrophenol	7.698	139	219765	45.676	ng	98
27) 2,4-Dimethylphenol	7.739	122	365264	61.568	ng	95
28) bis(2-Chloroethoxy)met...	7.834	93	469006	43.668	ng	99
29) 2,4-Dichlorophenol	7.939	162	348587	44.515	ng	98
30) 1,2,4-Trichlorobenzene	8.022	180	378963	41.502	ng	96
31) Naphthalene	8.104	128	1234898	42.578	ng	100
32) Benzoic acid	7.881	122	280254	47.619	ng	96
33) 4-Chloroaniline	8.151	127	362833	35.091	ng	99
34) Hexachlorobutadiene	8.216	225	218098	40.302	ng	98
35) Caprolactam	8.534	113	115247m	47.790	ng	
36) 4-Chloro-3-methylphenol	8.645	107	371202	44.644	ng	96
37) 2-Methylnaphthalene	8.792	142	794914	43.081	ng	97
38) 1-Methylnaphthalene	8.892	142	737497	40.732	ng	98
40) 1,2,4,5-Tetrachloroben...	8.963	216	380974	44.441	ng	99
41) Hexachlorocyclopentadiene	8.945	237	383182	120.651	ng	99
43) 2,4,6-Trichlorophenol	9.075	196	248742	44.562	ng	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.122	196	279046	44.791	ng	98
46) 1,1'-Biphenyl	9.263	154	1012282	43.175	ng	99
47) 2-Chloronaphthalene	9.286	162	759700	41.630	ng	98
48) 2-Nitroaniline	9.386	65	222705	45.502	ng	93
49) Acenaphthylene	9.704	152	1159478	44.603	ng	99
50) Dimethylphthalate	9.569	163	899632	44.346	ng	99
51) 2,6-Dinitrotoluene	9.628	165	201614	44.175	ng	94
52) Acenaphthene	9.875	154	719302	43.180	ng	100
53) 3-Nitroaniline	9.798	138	190265	40.825	ng	97
54) 2,4-Dinitrophenol	9.910	184	225935	97.912	ng	# 90
55) Dibenzofuran	10.045	168	1065263	43.774	ng	99
56) 4-Nitrophenol	9.975	139	331677	94.934	ng	90
57) 2,4-Dinitrotoluene	10.039	165	269758	44.680	ng	97
58) Fluorene	10.392	166	839234	42.960	ng	98
59) 2,3,4,6-Tetrachlorophenol	10.169	232	237941	47.681	ng	99
60) Diethylphthalate	10.269	149	889399	44.585	ng	98
61) 4-Chlorophenyl-phenyle...	10.380	204	410079	43.061	ng	100
62) 4-Nitroaniline	10.422	138	212160	45.846	ng	96
63) Azobenzene	10.545	77	779085	42.907	ng	98
65) 4,6-Dinitro-2-methylph...	10.445	198	159765	48.579	ng	98
66) n-Nitrosodiphenylamine	10.504	169	757937	44.480	ng	100
67) 4-Bromophenyl-phenylether	10.875	248	264706	42.873	ng	96
68) Hexachlorobenzene	10.939	284	300991	42.179	ng	96
69) Atrazine	11.033	200	179924	36.995	ng	99
70) Pentachlorophenol	11.139	266	324963	80.688	ng	99
71) Phenanthrene	11.357	178	1297567	44.455	ng	99
72) Anthracene	11.410	178	1321541	44.952	ng	100
73) Carbazole	11.569	167	1175832	45.189	ng	99
74) Di-n-butylphthalate	11.898	149	1423337	44.621	ng	100
75) Fluoranthene	12.551	202	1350403	44.149	ng	99
77) Benzidine	12.669	184	239597	35.213	ng	98
78) Pyrene	12.780	202	1363173	42.901	ng	99
80) Butylbenzylphthalate	13.404	149	537431	47.512	ng	93
81) Benzo(a)anthracene	13.974	228	1002184	44.345	ng	100
82) 3,3'-Dichlorobenzidine	13.939	252	327888	51.745	ng	99
83) Chrysene	14.015	228	971819	43.706	ng	98
84) Bis(2-ethylhexyl)phtha...	13.968	149	688684	49.665	ng	99
85) Di-n-octyl phthalate	14.586	149	1046750	51.105	ng	98
87) Indeno(1,2,3-cd)pyrene	16.974	276	856929	50.095	ng	100
88) Benzo(b)fluoranthene	15.027	252	806877	47.927	ng	99
89) Benzo(k)fluoranthene	15.063	252	751478	47.364	ng	99
90) Benzo(a)pyrene	15.404	252	663292	47.707	ng	98
91) Dibenzo(a,h)anthracene	16.998	278	714637	50.994	ng	99
92) Benzo(g,h,i)perylene	17.439	276	719342	50.010	ng	99

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

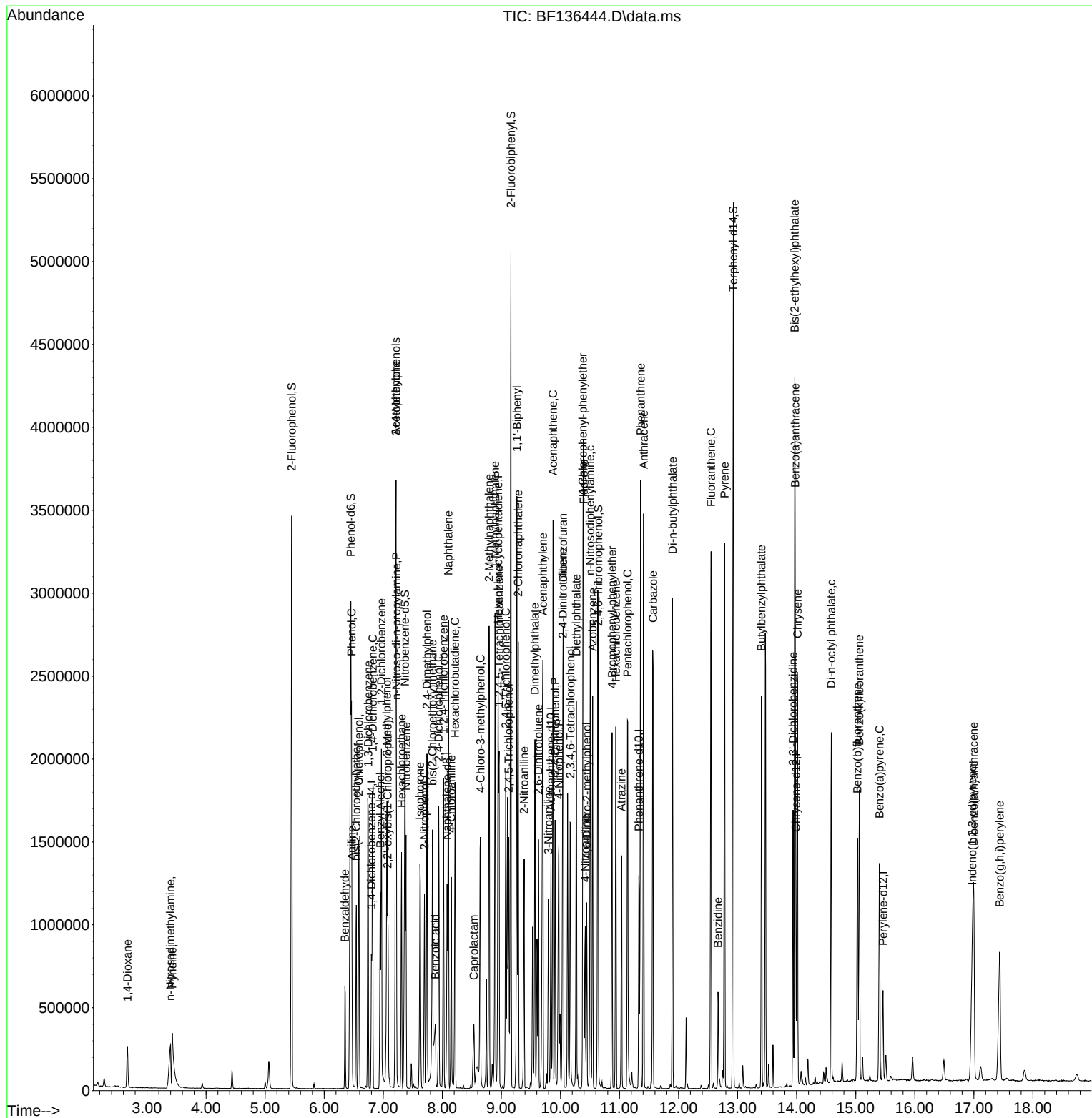
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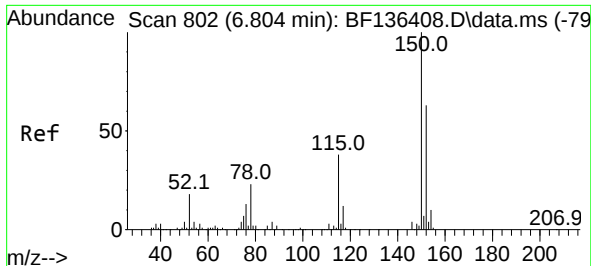
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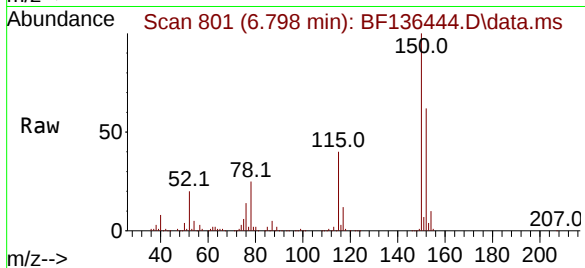
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.798 min Scan# 80
Delta R.T. -0.006 min
Lab File: BF136444.D
Acq: 07 Dec 2023 13:22

Instrument :

BNA_F

ClientSampleId :

PB157532BS

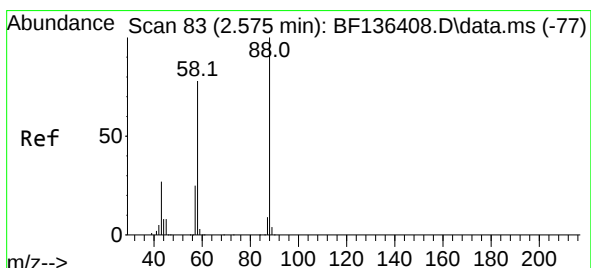
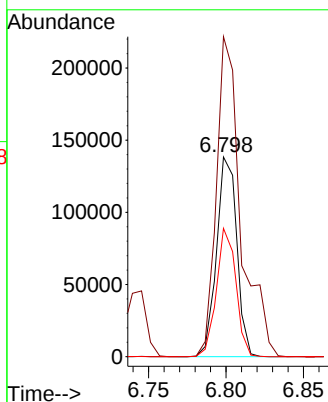
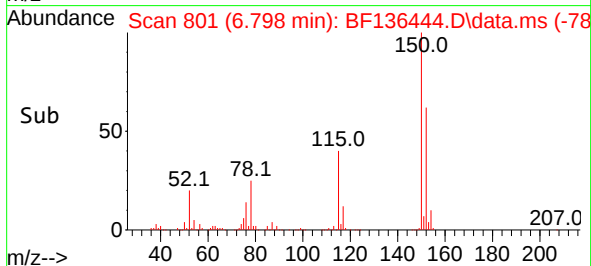


Tgt Ion:152 Resp: 12542
Ion Ratio Lower Upper
152 100
150 160.2 126.4 189.6
115 64.3 48.2 72.4

Manual Integrations

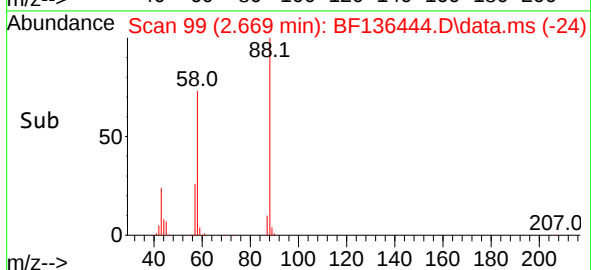
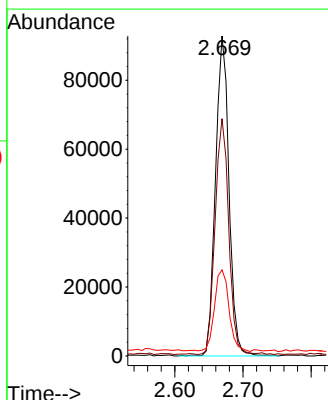
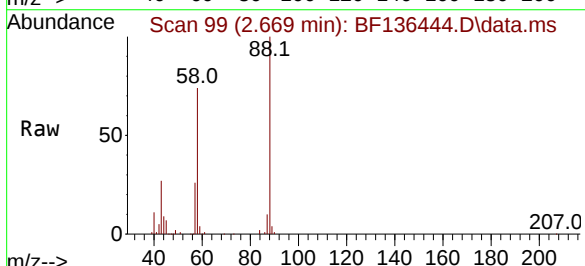
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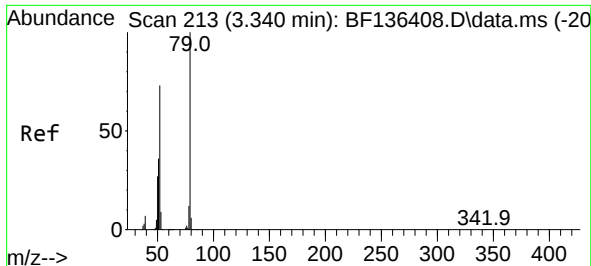
Reviewed By :Yogesh Patel 12/08/2023
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#2
1,4-Dioxane
Concen: 38.095 ng
RT: 2.669 min Scan# 99
Delta R.T. 0.094 min
Lab File: BF136444.D
Acq: 07 Dec 2023 13:22

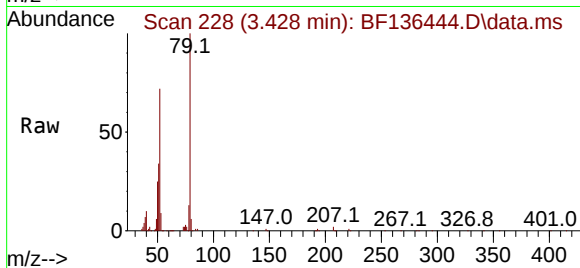
Tgt Ion: 88 Resp: 127966
Ion Ratio Lower Upper
88 100
58 74.3 62.2 93.2
43 27.6 21.5 32.3





#3
Pyridine
Concen: 34.611 ng
RT: 3.428 min Scan# 213
Delta R.T. 0.088 min
Lab File: BF136444.D
Acq: 07 Dec 2023 13:22

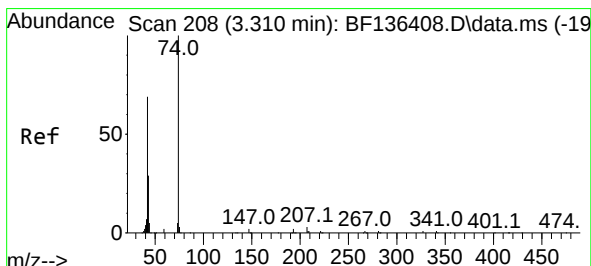
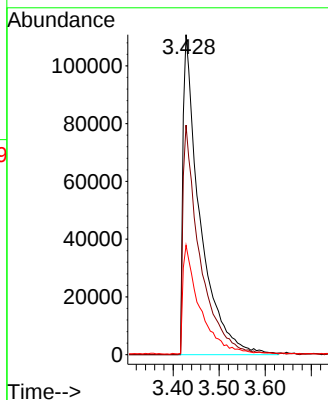
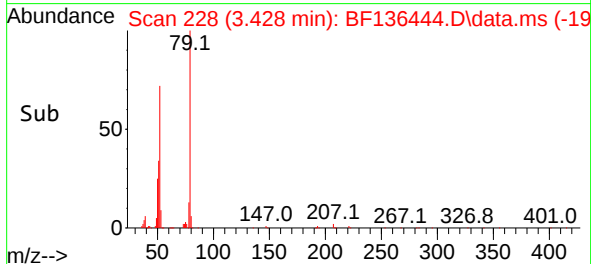
Instrument :
BNA_F
ClientSampleId :
PB157532BS



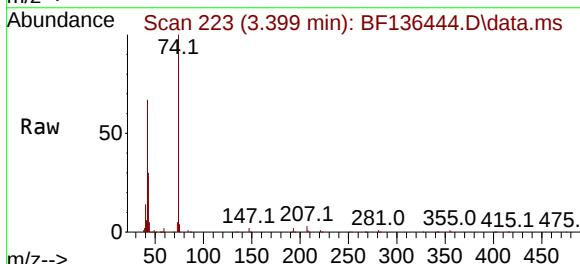
Tgt Ion: 79 Resp: 28155
Ion Ratio Lower Upper
79 100
52 71.7 58.2 87.2
51 34.2 29.1 43.7

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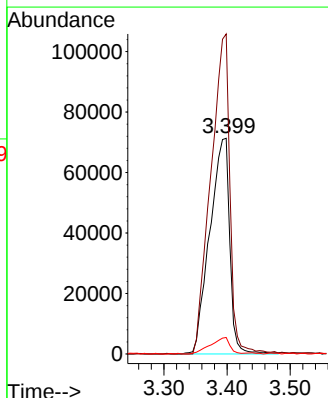
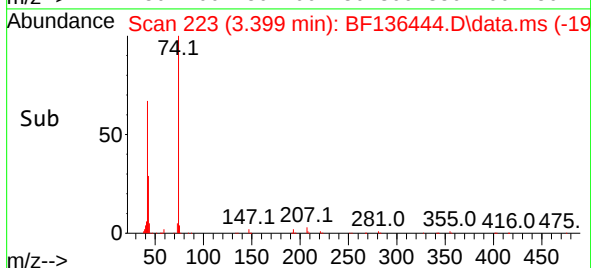
Reviewed By :Yogesh Patel 12/08/2023
Supervised By :mohammad ahmed 12/08/2023

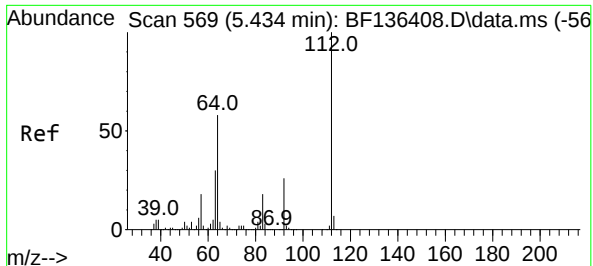


#4
n-Nitrosodimethylamine
Concen: 44.315 ng
RT: 3.399 min Scan# 223
Delta R.T. 0.088 min
Lab File: BF136444.D
Acq: 07 Dec 2023 13:22



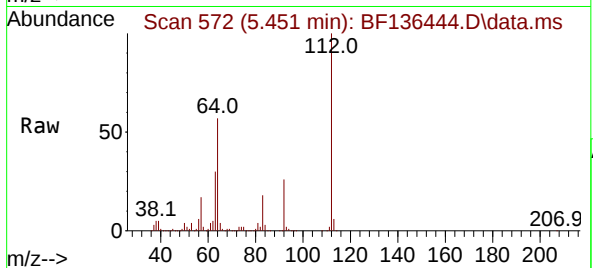
Tgt Ion: 42 Resp: 156619
Ion Ratio Lower Upper
42 100
74 148.3 115.4 173.0
44 7.6 6.2 9.2





#5
2-Fluorophenol
Concen: 125.624 ng
RT: 5.451 min Scan# 51
Delta R.T. 0.018 min
Lab File: BF136444.D
Acq: 07 Dec 2023 13:22

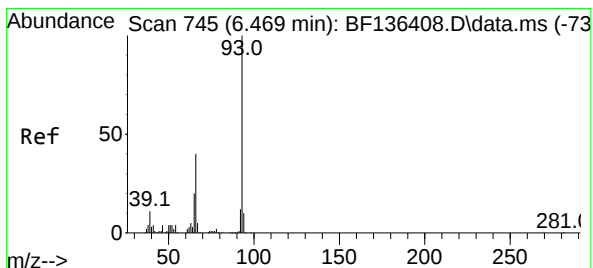
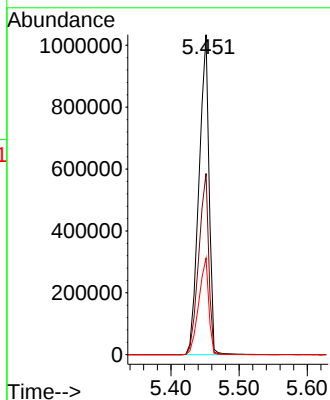
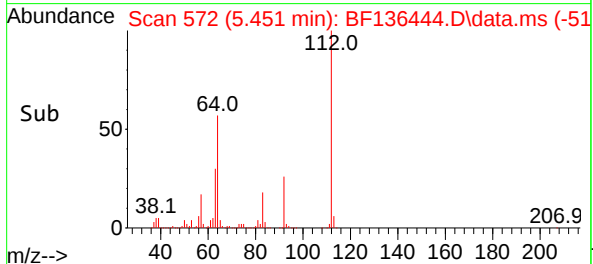
Instrument :
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Tgt Ion:112 Resp: 106688
Ion Ratio Lower Upper
112 100
64 56.7 46.5 69.7
63 30.2 23.9 35.9

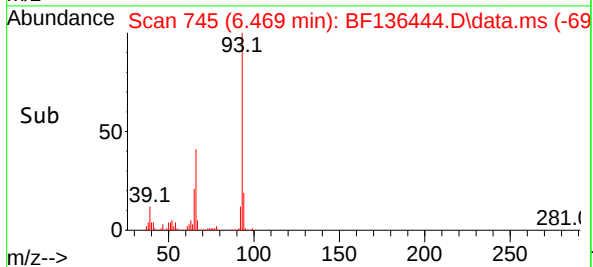
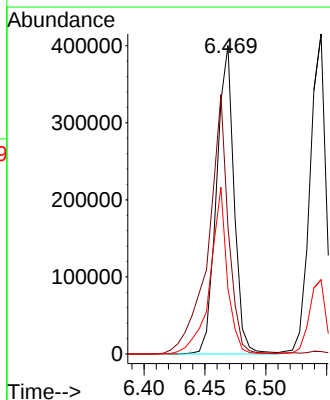
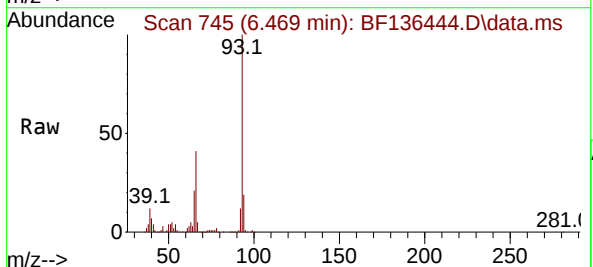
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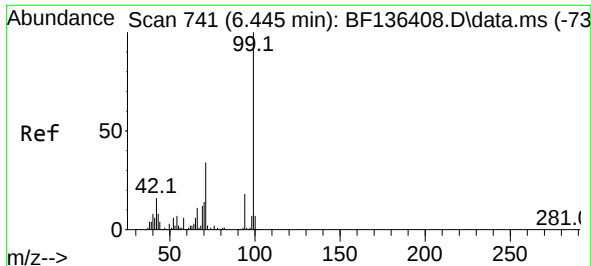
Reviewed By :Yogesh Patel 12/08/2023
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#6
Aniline
Concen: 37.465 ng
RT: 6.469 min Scan# 745
Delta R.T. -0.000 min
Lab File: BF136444.D
Acq: 07 Dec 2023 13:22

Tgt Ion: 93 Resp: 401191
Ion Ratio Lower Upper
93 100
66 41.2 32.5 48.7
65 21.1 16.4 24.6





#7

Phenol-d6

Concen: 126.898 ng

RT: 6.451 min Scan# 741

Delta R.T. 0.006 min

Lab File: BF136444.D

Acq: 07 Dec 2023 13:22

Instrument :

BNA_F

ClientSampleId :

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Tgt Ion: 99 Resp: 134460

Ion Ratio Lower Upper

99 100

42 15.1 12.8 19.2

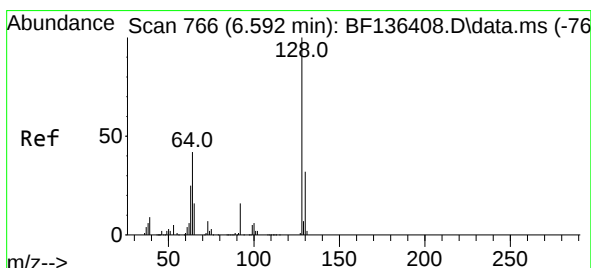
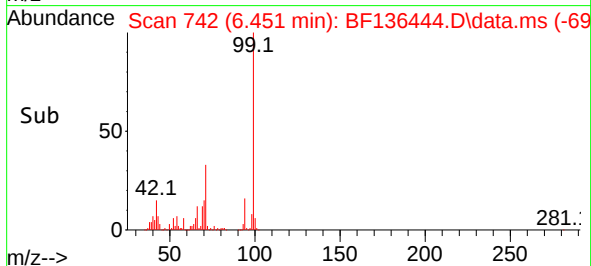
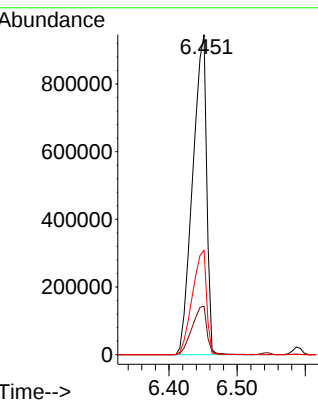
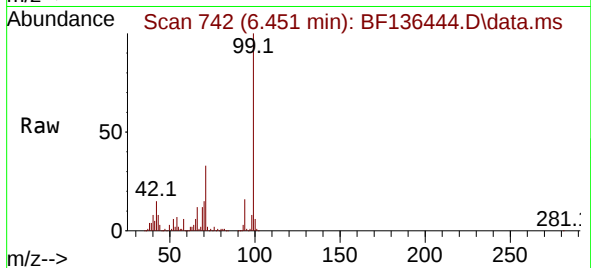
71 32.6 27.0 40.4

Manual Integrations

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#8

2-Chlorophenol

Concen: 46.158 ng

RT: 6.587 min Scan# 765

Delta R.T. -0.006 min

Lab File: BF136444.D

Acq: 07 Dec 2023 13:22

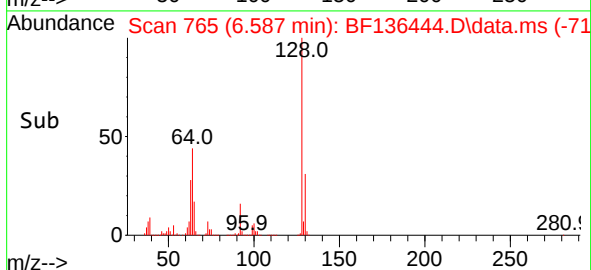
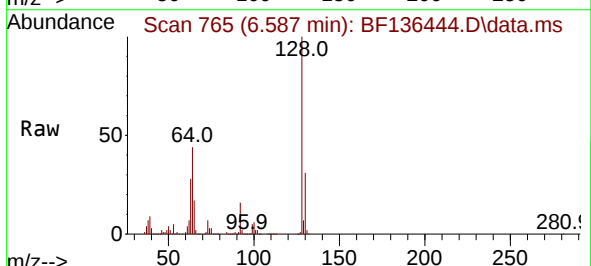
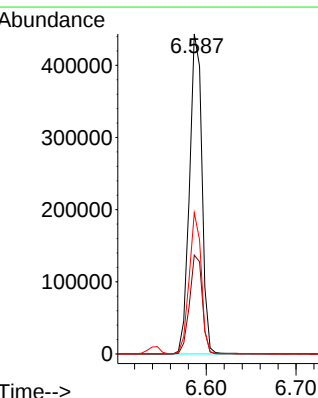
Tgt Ion:128 Resp: 427956

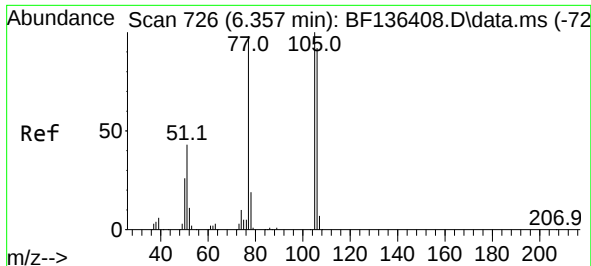
Ion Ratio Lower Upper

128 100

130 30.9 11.7 51.7

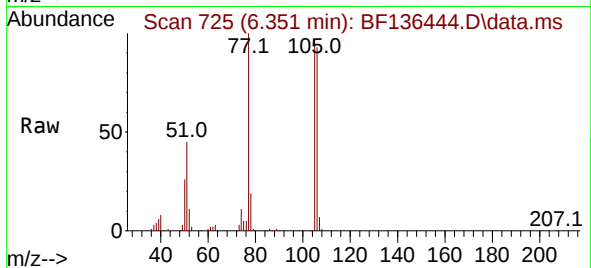
64 44.2 22.5 62.5





#9
Benzaldehyde
Concen: 19.189 ng
RT: 6.351 min Scan# 71
Delta R.T. -0.006 min
Lab File: BF136444.D
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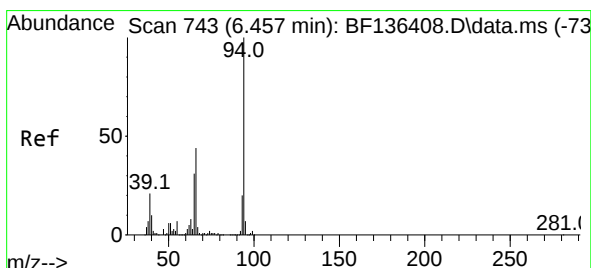
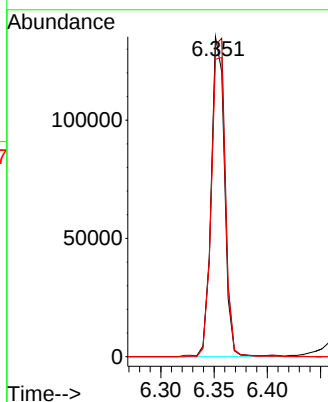
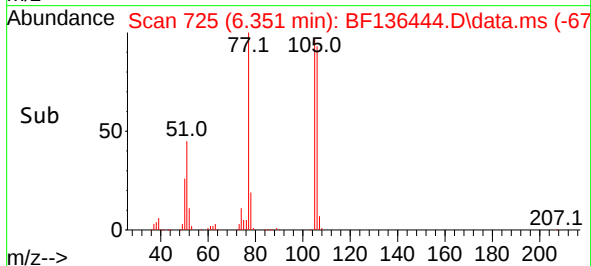
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Tgt Ion: 77 Resp: 117358
Ion Ratio Lower Upper
77 100
105 97.4 82.5 122.5
106 92.9 74.5 114.5

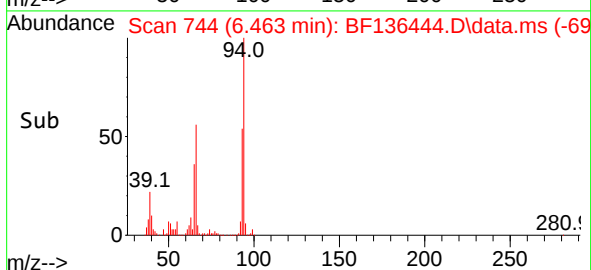
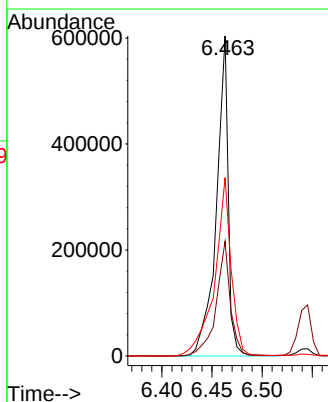
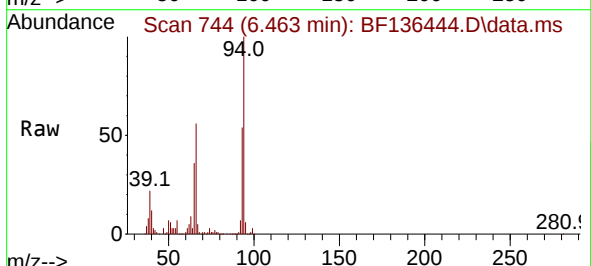
Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 12/08/2023
Supervised By :mohammad ahmed 12/08/2023



#10
Phenol
Concen: 44.153 ng
RT: 6.463 min Scan# 744
Delta R.T. 0.006 min
Lab File: BF136444.D
Acq: 07 Dec 2023 13:22

Tgt Ion: 94 Resp: 497821
Ion Ratio Lower Upper
94 100
65 35.8 11.2 51.2
66 55.7 24.2 64.2





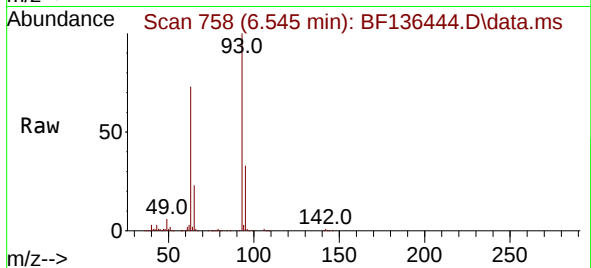
#11
bis(2-Chloroethyl)ether
Concen: 44.239 ng
RT: 6.545 min Scan# 758
Delta R.T. -0.000 min
Lab File: BF136444.D
Acq: 07 Dec 2023 13:22

Instrument :

BNA_F

ClientSampleId :

PB157532BS

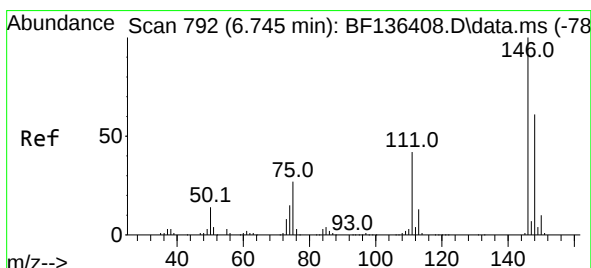
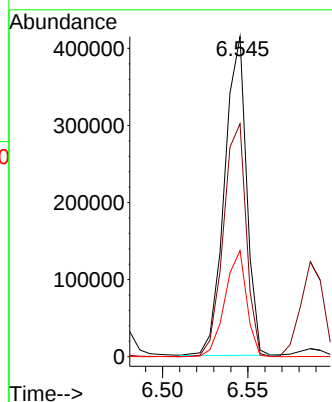
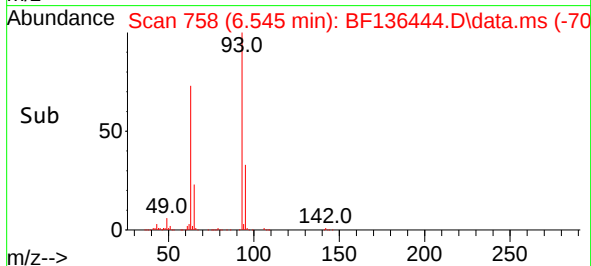


Tgt Ion: 93 Resp: 371790
Ion Ratio Lower Upper
93 100
63 72.8 56.8 96.8
95 33.2 11.8 51.8

Manual Integrations

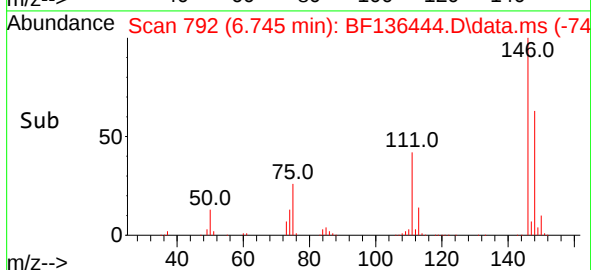
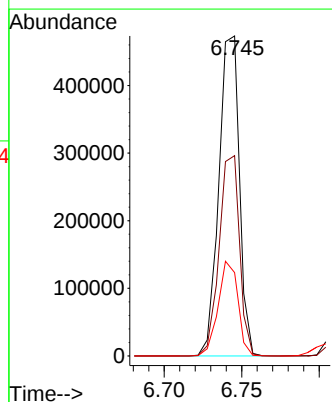
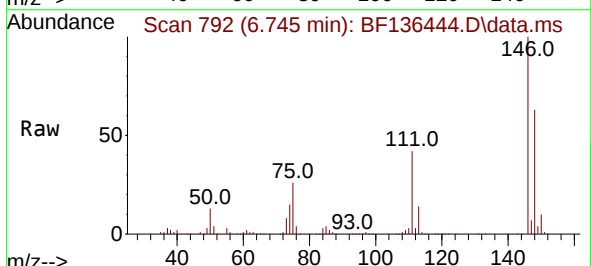
APPROVED

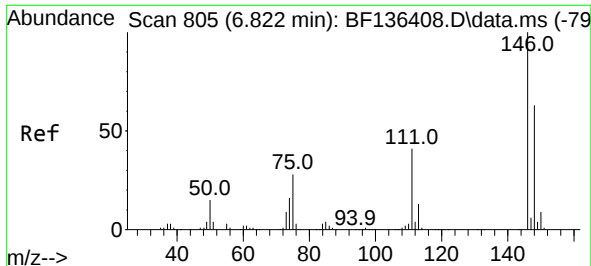
Reviewed By :Yogesh Patel 12/08/2023
Supervised By :mohammad ahmed 12/08/2023



#12
1,3-Dichlorobenzene
Concen: 41.896 ng
RT: 6.745 min Scan# 792
Delta R.T. -0.000 min
Lab File: BF136444.D
Acq: 07 Dec 2023 13:22

Tgt Ion:146 Resp: 436841
Ion Ratio Lower Upper
146 100
148 62.6 49.0 73.6
75 26.0 21.8 32.6





#13

1,4-Dichlorobenzene

Concen: 41.767 ng

RT: 6.822 min Scan# 80

Delta R.T. -0.000 min

Lab File: BF136444.D

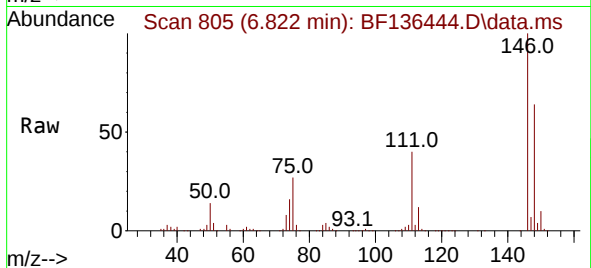
Acq: 07 Dec 2023 13:22

Instrument :

BNA_F

ClientSampleId :

PB157532BS



Tgt Ion:146 Resp: 441770

Ion Ratio Lower Upper

146 100

148 63.6 50.3 75.5

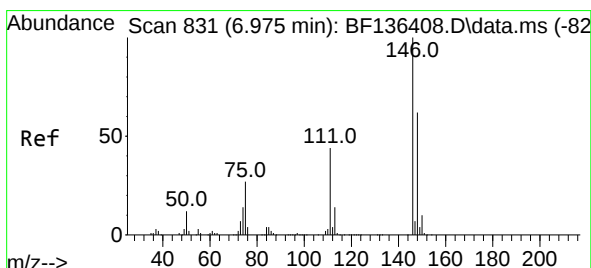
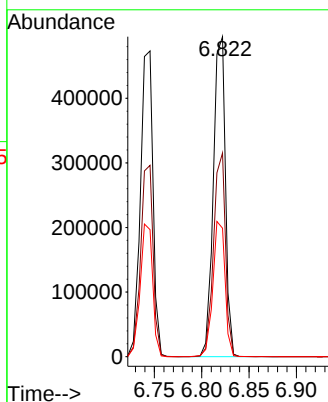
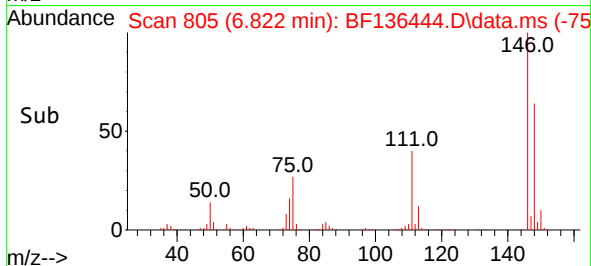
111 40.1 32.6 49.0

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 12/08/2023

Supervised By :mohammad ahmed 12/08/2023



#14

1,2-Dichlorobenzene

Concen: 42.579 ng

RT: 6.969 min Scan# 830

Delta R.T. -0.006 min

Lab File: BF136444.D

Acq: 07 Dec 2023 13:22

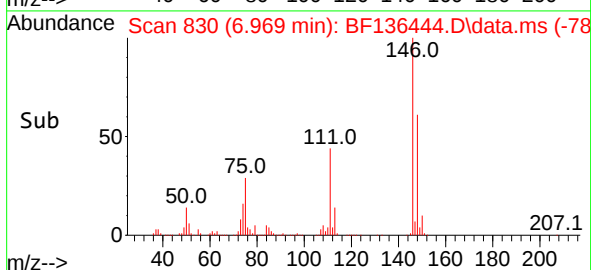
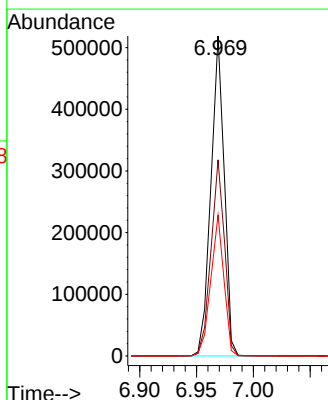
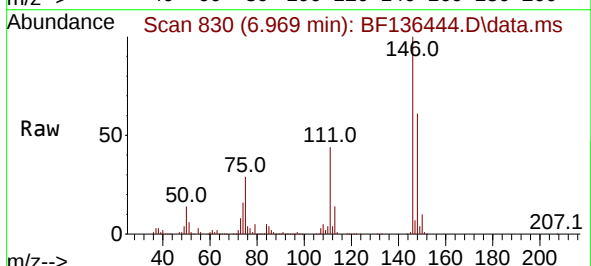
Tgt Ion:146 Resp: 423499

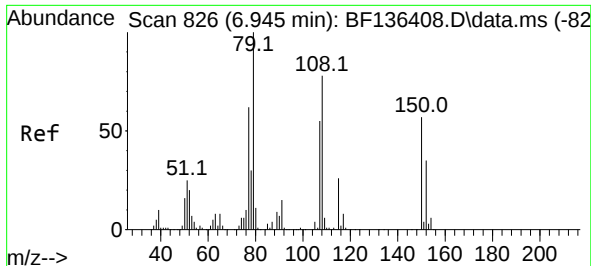
Ion Ratio Lower Upper

146 100

148 61.3 49.8 74.6

111 44.1 34.9 52.3





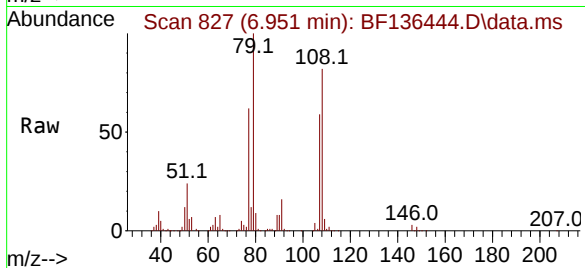
#15
Benzyl Alcohol
Concen: 45.468 ng
RT: 6.951 min Scan# 81
Delta R.T. 0.006 min
Lab File: BF136444.D
Acq: 07 Dec 2023 13:22

Instrument :

BNA_F

ClientSampleId :

PB157532BS

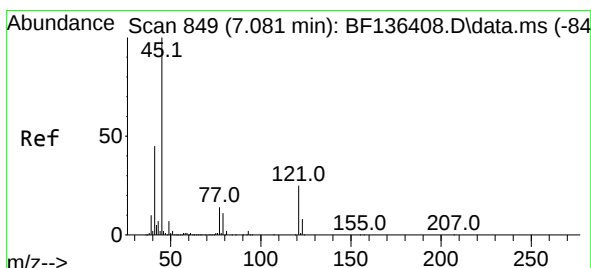
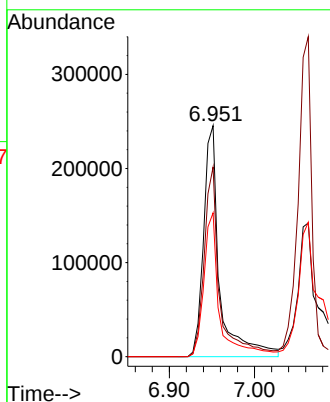
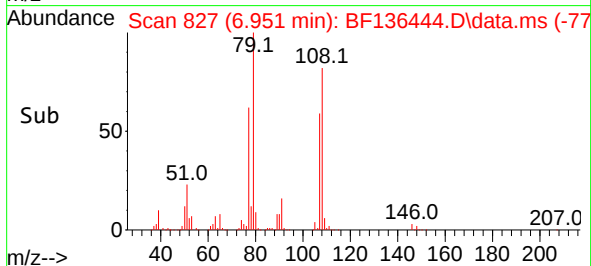


Tgt Ion: 79 Resp: 32261
Ion Ratio Lower Upper
79 100
108 82.1 62.3 93.5
77 62.3 49.8 74.8

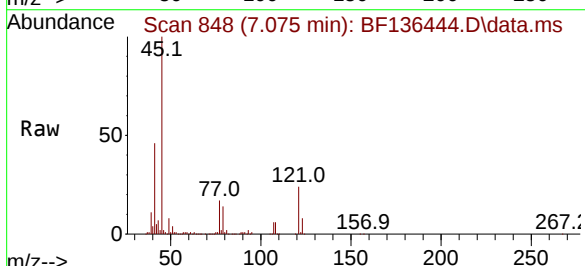
Manual Integrations

APPROVED

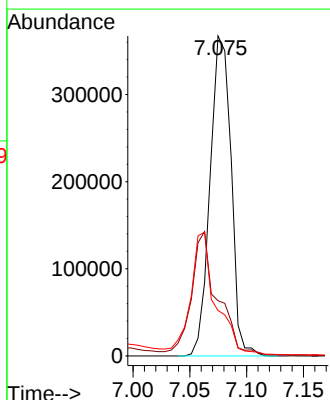
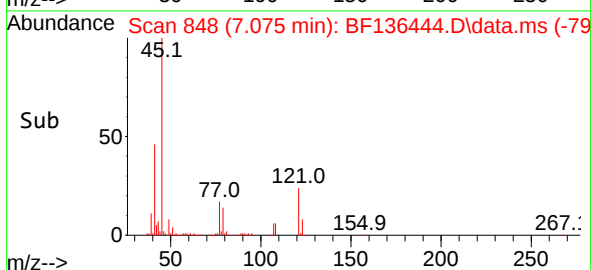
Reviewed By :Yogesh Patel 12/08/2023
Supervised By :mohammad ahmed 12/08/2023

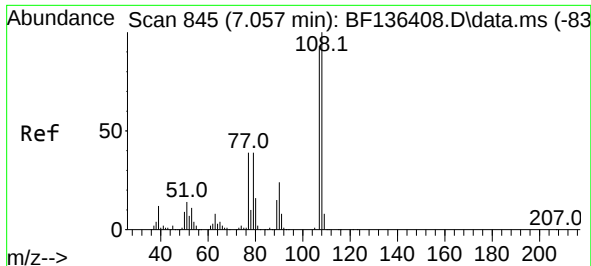


#16
2,2'-oxybis(1-Chloropropane)
Concen: 43.723 ng
RT: 7.075 min Scan# 848
Delta R.T. -0.006 min
Lab File: BF136444.D
Acq: 07 Dec 2023 13:22



Tgt Ion: 45 Resp: 472607
Ion Ratio Lower Upper
45 100
77 17.2 0.0 35.3
79 14.2 0.0 32.5





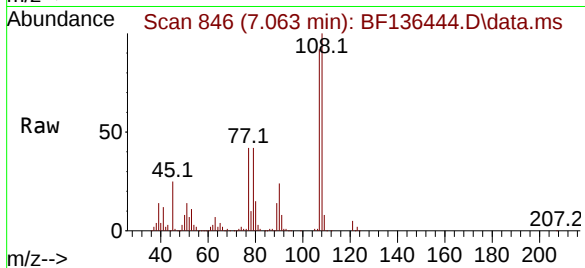
#17
2-Methylphenol
Concen: 46.135 ng
RT: 7.063 min Scan# 845
Delta R.T. 0.006 min
Lab File: BF136444.D
Acq: 07 Dec 2023 13:22

Instrument :

BNA_F

ClientSampleId :

PB157532BS



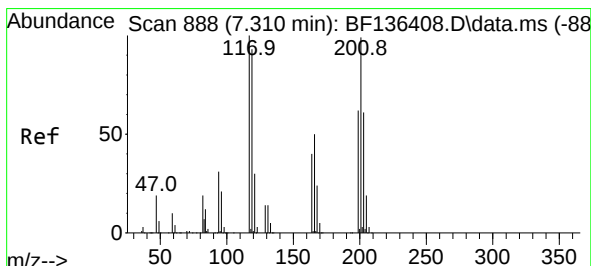
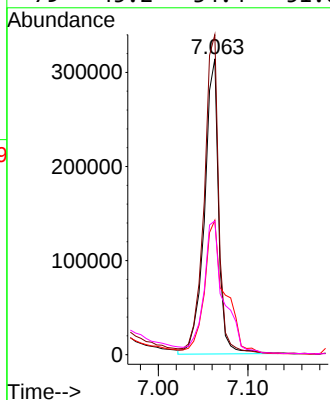
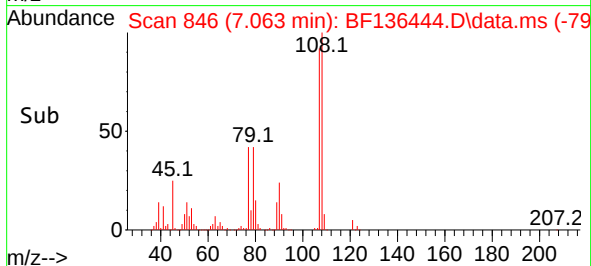
Tgt Ion:107 Resp: 34556
Ion Ratio Lower Upper
107 100
108 108.2 86.5 129.7
77 45.4 33.8 50.8
79 45.2 34.4 51.6

Manual Integrations

APPROVED

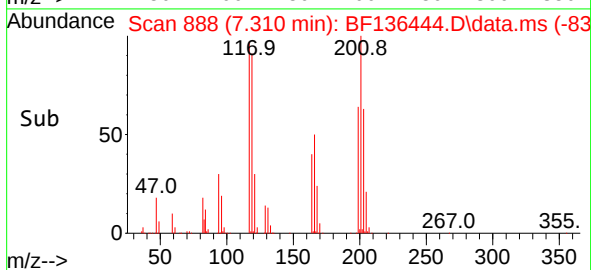
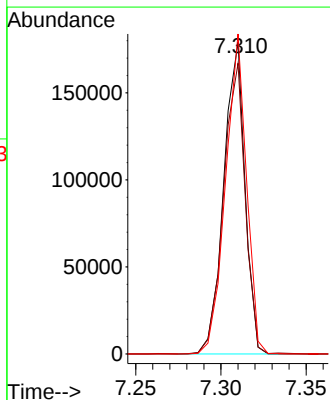
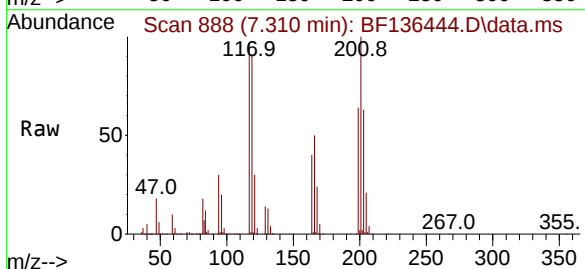
Reviewed By :Yogesh Patel 12/08/2023

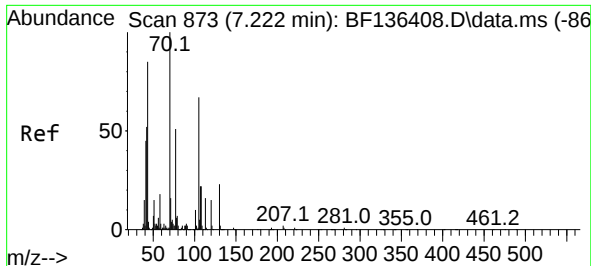
Supervised By :mohammad ahmed 12/08/2023



#18
Hexachloroethane
Concen: 42.006 ng
RT: 7.310 min Scan# 888
Delta R.T. -0.000 min
Lab File: BF136444.D
Acq: 07 Dec 2023 13:22

Tgt Ion:117 Resp: 155118
Ion Ratio Lower Upper
117 100
119 93.2 74.3 111.5
201 102.6 79.3 118.9





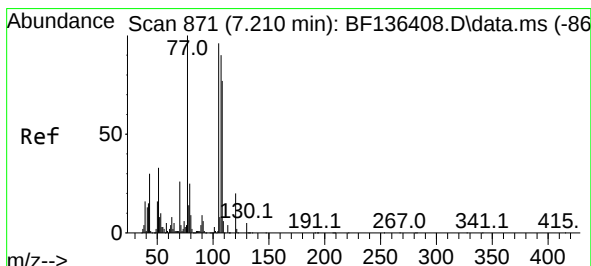
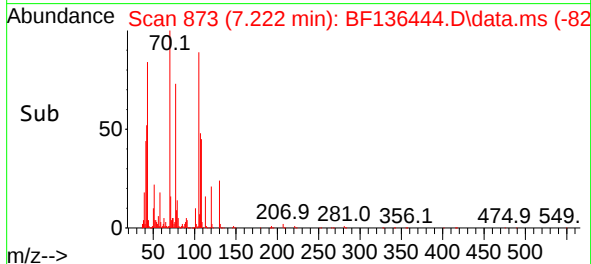
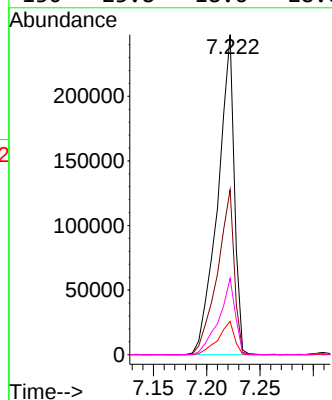
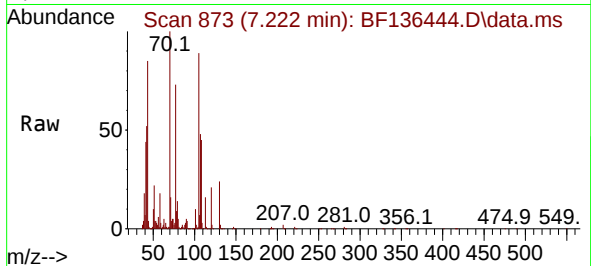
#19
n-Nitroso-di-n-propylamine
Concen: 43.748 ng
RT: 7.222 min Scan# 81
Delta R.T. -0.000 min
Lab File: BF136444.D
Acq: 07 Dec 2023 13:22

Instrument :
BNA_F
ClientSampleId :
PB157532BS

Tgt Ion: 70 Resp: 26740
Ion Ratio Lower Upper
70 100
42 51.5 41.4 62.0
101 10.4 8.2 12.4
130 23.8 18.6 28.0

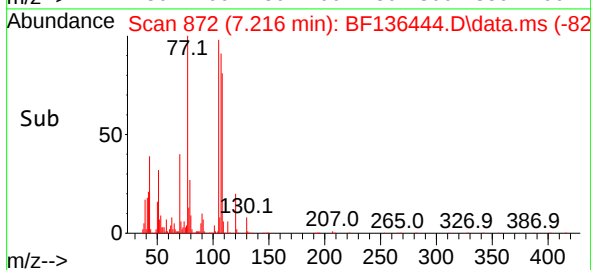
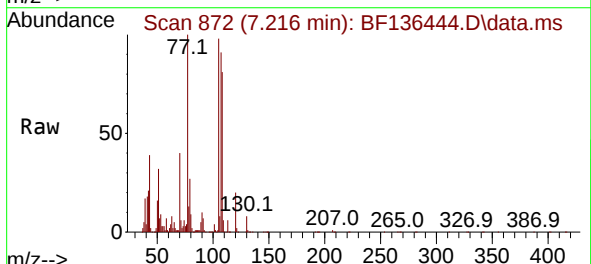
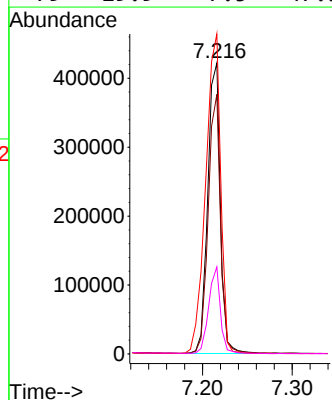
Manual Integrations
APPROVED

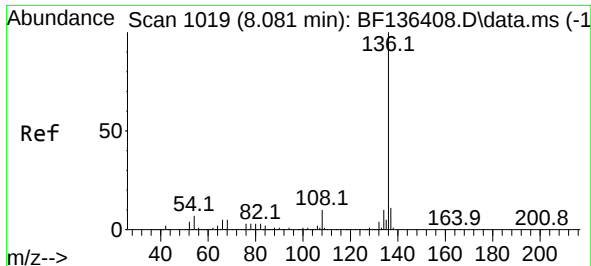
Reviewed By :Yogesh Patel 12/08/2023
Supervised By :mohammad ahmed 12/08/2023



#20
3+4-Methylphenols
Concen: 44.224 ng
RT: 7.216 min Scan# 872
Delta R.T. 0.006 min
Lab File: BF136444.D
Acq: 07 Dec 2023 13:22

Tgt Ion:107 Resp: 411166
Ion Ratio Lower Upper
107 100
108 89.2 65.9 105.9
77 110.0 91.7 131.7
79 29.9 7.5 47.5





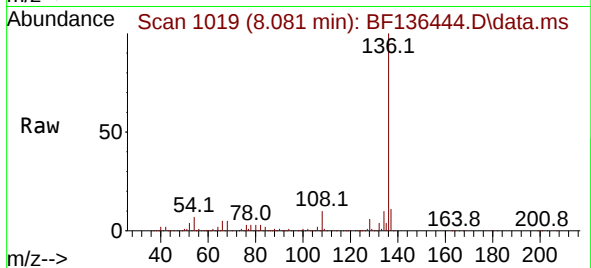
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.081 min Scan# 1019
Delta R.T. -0.000 min
Lab File: BF136444.D
Acq: 07 Dec 2023 13:22

Instrument :

BNA_F

ClientSampleId :

PB157532BS

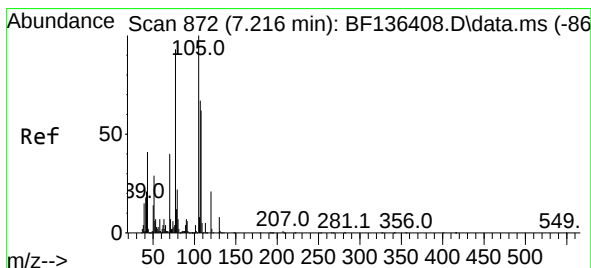
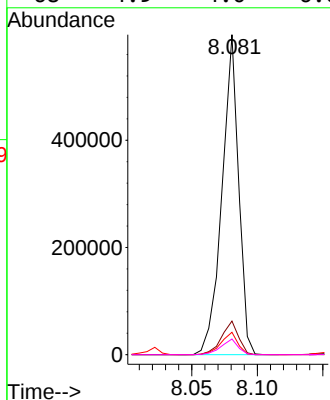
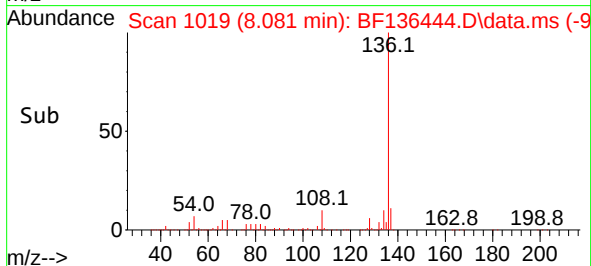


Tgt Ion:136 Resp: 525930
Ion Ratio Lower Upper
136 100
137 10.5 8.6 12.8
54 7.0 5.7 8.5
68 4.9 4.0 6.0

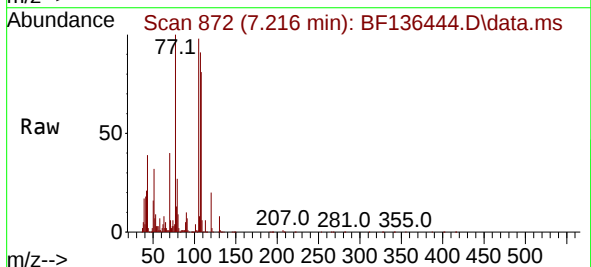
Manual Integrations

APPROVED

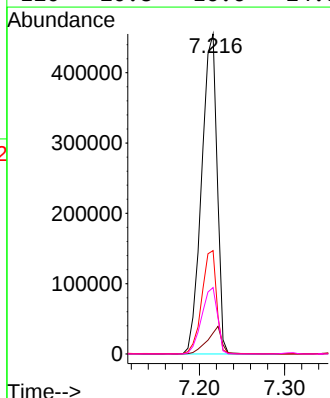
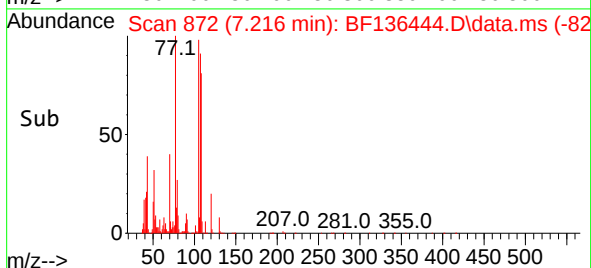
Reviewed By :Yogesh Patel 12/08/2023
Supervised By :mohammad ahmed 12/08/2023

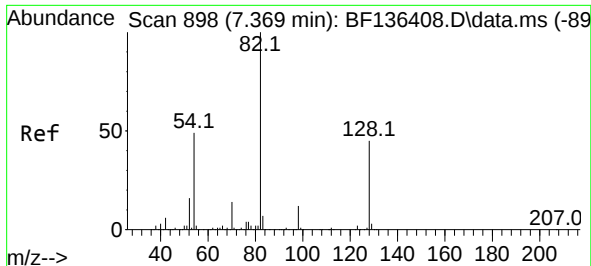


#22
Acetophenone
Concen: 44.222 ng
RT: 7.216 min Scan# 872
Delta R.T. -0.000 min
Lab File: BF136444.D
Acq: 07 Dec 2023 13:22



Tgt Ion:105 Resp: 574323
Ion Ratio Lower Upper
105 100
71 6.6 5.4 8.0
51 32.3 23.4 35.2
120 20.8 16.6 24.8





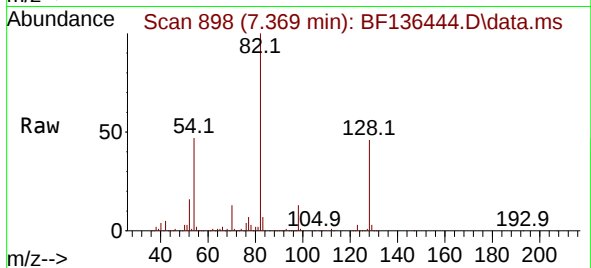
#23
Nitrobenzene-d5
Concen: 83.490 ng
RT: 7.369 min Scan# 898
Delta R.T. -0.000 min
Lab File: BF136444.D
Acq: 07 Dec 2023 13:22

Instrument :

BNA_F

ClientSampleId :

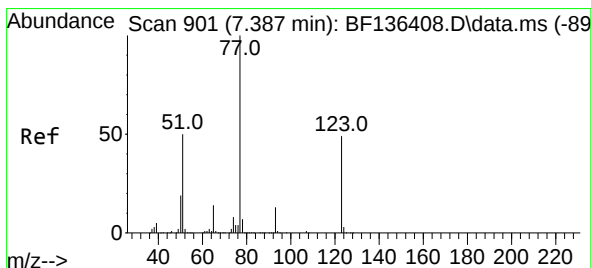
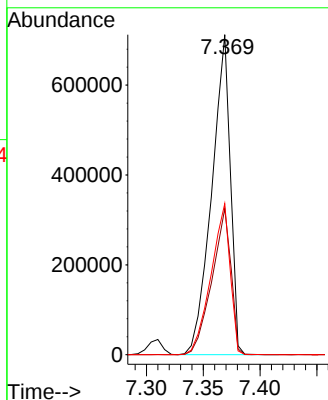
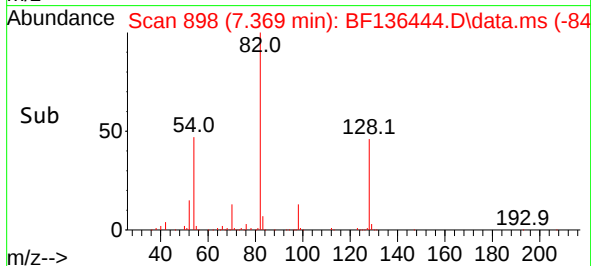
PB157532BS



Tgt Ion: 82 Resp: 812240
Ion Ratio Lower Upper
82 100
128 45.6 36.3 54.5
54 47.2 39.0 58.6

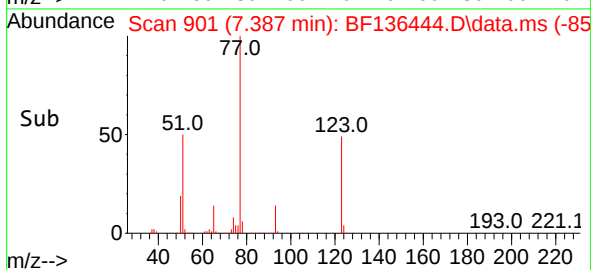
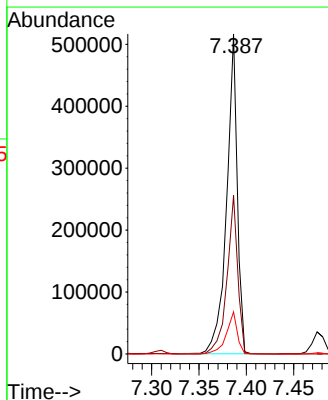
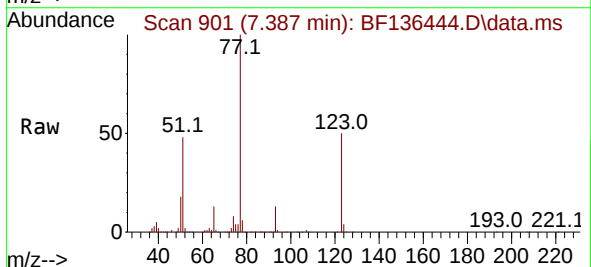
Manual Integrations
APPROVED

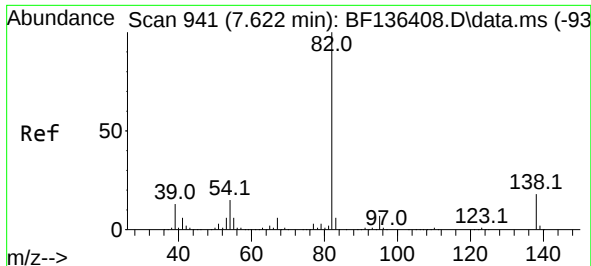
Reviewed By :Yogesh Patel 12/08/2023
Supervised By :mohammad ahmed 12/08/2023



#24
Nitrobenzene
Concen: 41.491 ng
RT: 7.387 min Scan# 901
Delta R.T. -0.000 min
Lab File: BF136444.D
Acq: 07 Dec 2023 13:22

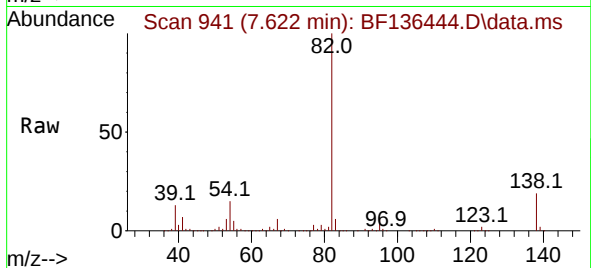
Tgt Ion: 77 Resp: 406066
Ion Ratio Lower Upper
77 100
123 49.6 39.0 58.6
65 13.1 11.3 16.9





#25
Isophorone
Concen: 43.406 ng
RT: 7.622 min Scan# 941
Delta R.T. -0.000 min
Lab File: BF136444.D
Acq: 07 Dec 2023 13:22

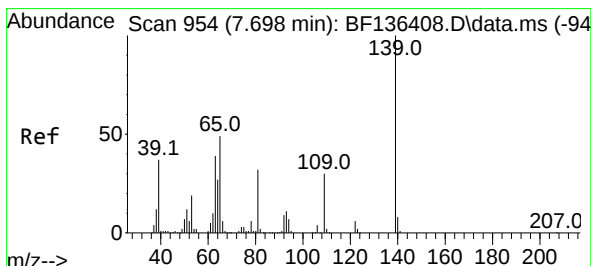
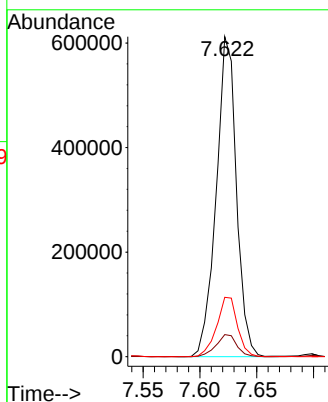
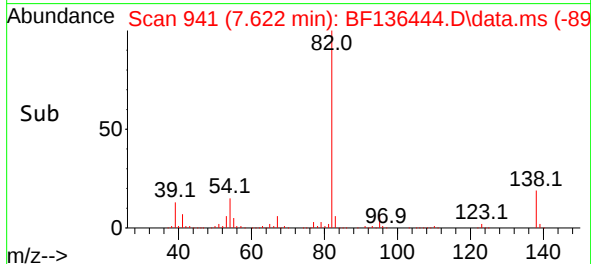
Instrument :
BNA_F
ClientSampleId :
PB157532BS



Tgt Ion: 82 Resp: 758670
Ion Ratio Lower Upper
82 100
95 6.9 5.7 8.5
138 18.5 14.5 21.7

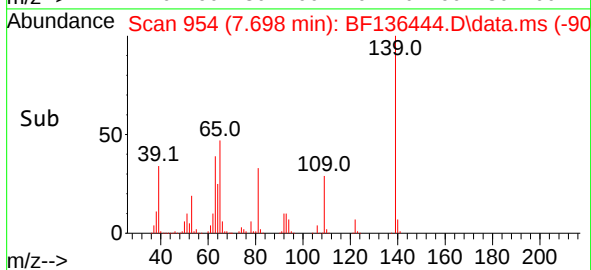
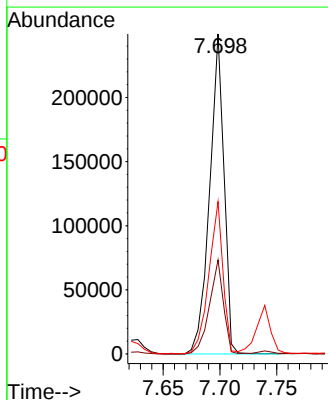
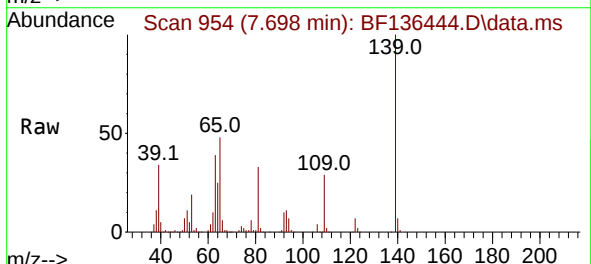
Manual Integrations
APPROVED

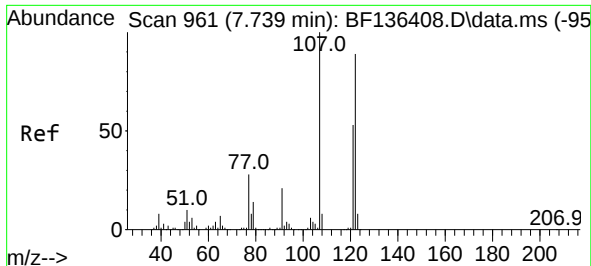
Reviewed By :Yogesh Patel 12/08/2023
Supervised By :mohammad ahmed 12/08/2023



#26
2-Nitrophenol
Concen: 45.676 ng
RT: 7.698 min Scan# 954
Delta R.T. -0.000 min
Lab File: BF136444.D
Acq: 07 Dec 2023 13:22

Tgt Ion:139 Resp: 219765
Ion Ratio Lower Upper
139 100
109 29.4 23.6 35.4
65 47.6 39.4 59.2





#27

2,4-Dimethylphenol

Concen: 61.568 ng

RT: 7.739 min Scan# 961

Delta R.T. -0.000 min

Lab File: BF136444.D

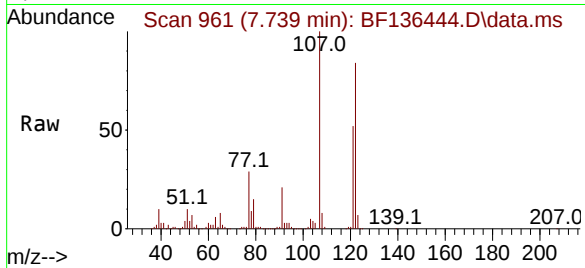
Acq: 07 Dec 2023 13:22

Instrument :

BNA_F

ClientSampleId :

PB157532BS



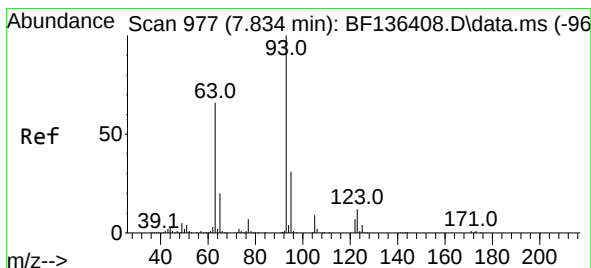
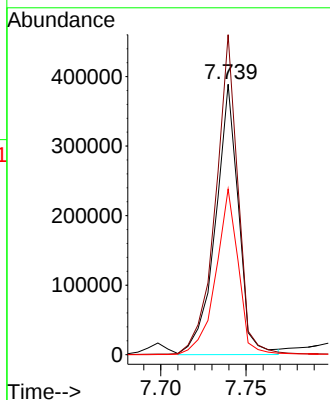
Tgt Ion:	122	Resp:	365264
Ion	Ratio	Lower	Upper
122	100		
107	118.4	89.3	133.9
121	61.3	47.6	71.4

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 12/08/2023

Supervised By :mohammad ahmed 12/08/2023



#28

bis(2-Chloroethoxy)methane

Concen: 43.668 ng

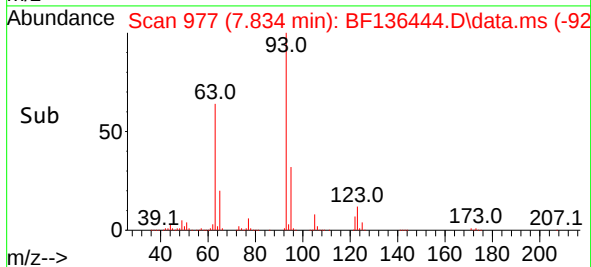
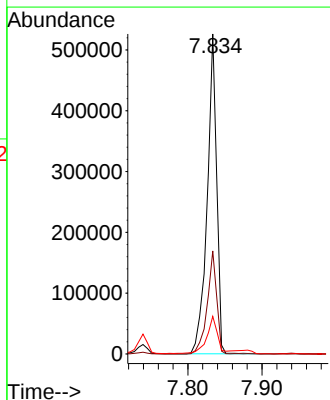
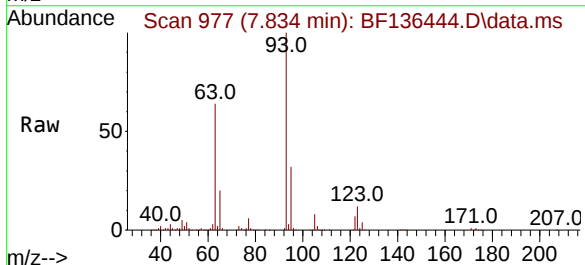
RT: 7.834 min Scan# 977

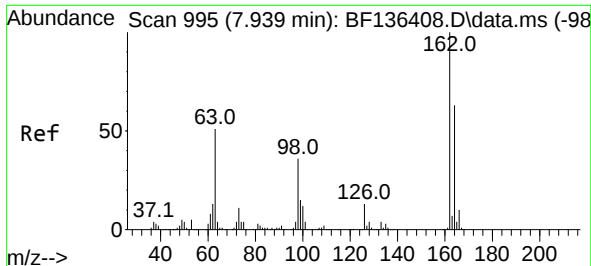
Delta R.T. -0.000 min

Lab File: BF136444.D

Acq: 07 Dec 2023 13:22

Tgt Ion:	93	Resp:	469006
Ion	Ratio	Lower	Upper
93	100		
95	32.2	25.0	37.4
123	11.7	9.4	14.0





#29

2,4-Dichlorophenol

Concen: 44.515 ng

RT: 7.939 min Scan# 995

Delta R.T. -0.000 min

Lab File: BF136444.D

Acq: 07 Dec 2023 13:22

Instrument :

BNA_F

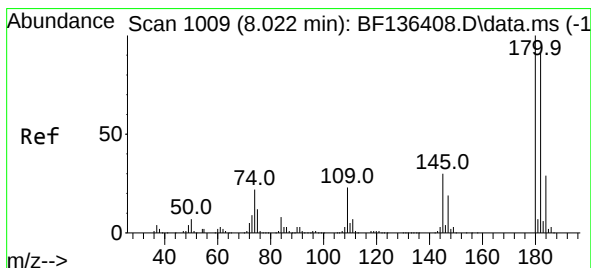
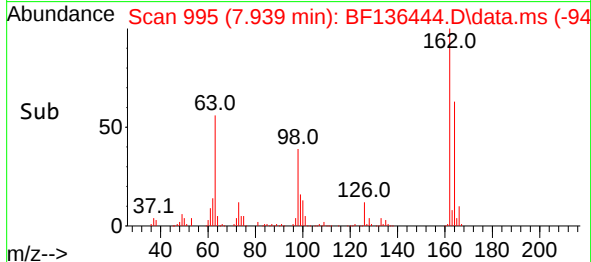
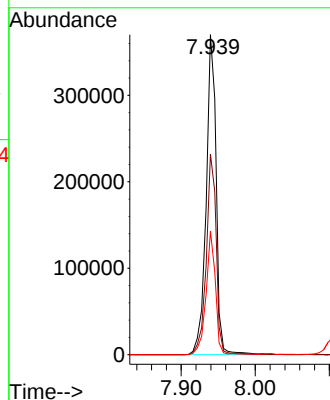
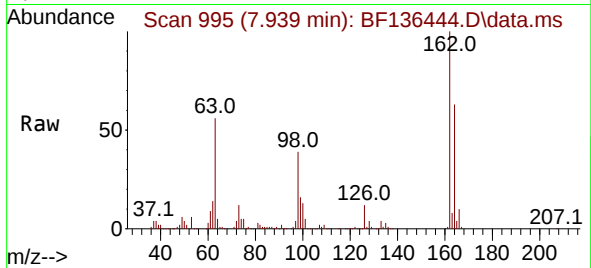
ClientSampleId :

PB157532BS

Tgt Ion:162 Resp: 34858
 Ion Ratio Lower Upper
 162 100
 164 62.7 43.0 83.0
 98 38.5 16.2 56.2

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 12/08/2023
 Supervised By :mohammad ahmed 12/08/2023



#30

1,2,4-Trichlorobenzene

Concen: 41.502 ng

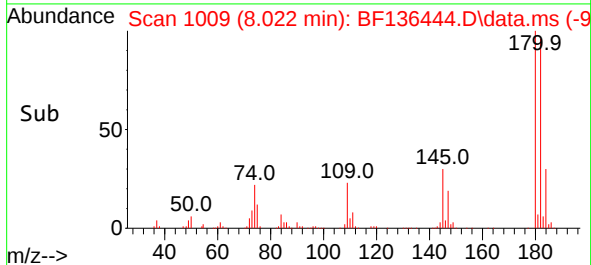
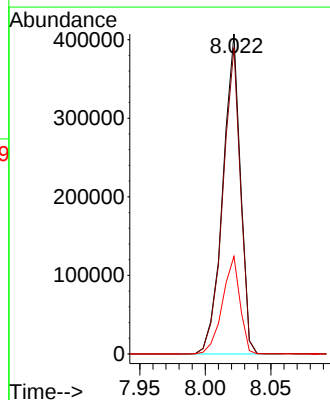
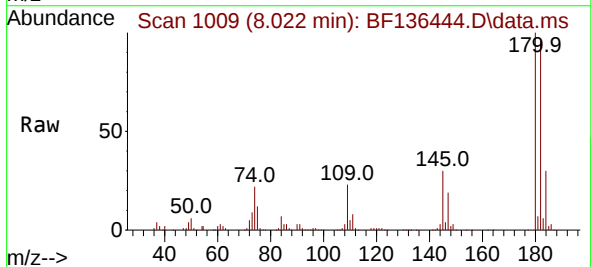
RT: 8.022 min Scan# 1009

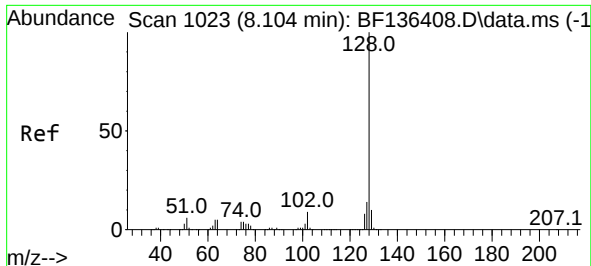
Delta R.T. -0.000 min

Lab File: BF136444.D

Acq: 07 Dec 2023 13:22

Tgt Ion:180 Resp: 378963
 Ion Ratio Lower Upper
 180 100
 182 95.8 73.1 109.7
 145 30.5 23.8 35.8





#31
Naphthalene
Concen: 42.578 ng
RT: 8.104 min Scan# 1023
Delta R.T. -0.000 min
Lab File: BF136444.D
Acq: 07 Dec 2023 13:22

Instrument :

BNA_F

ClientSampleId :

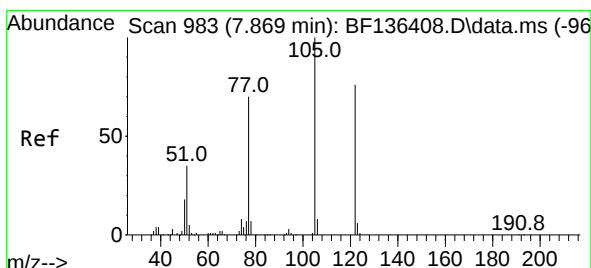
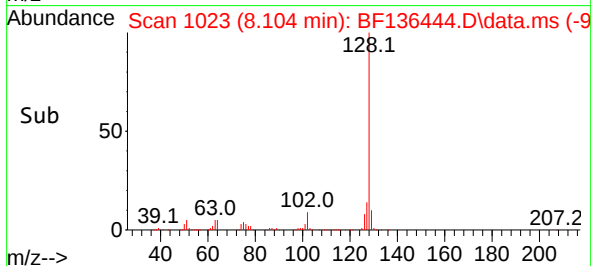
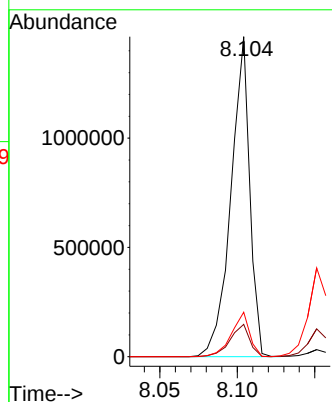
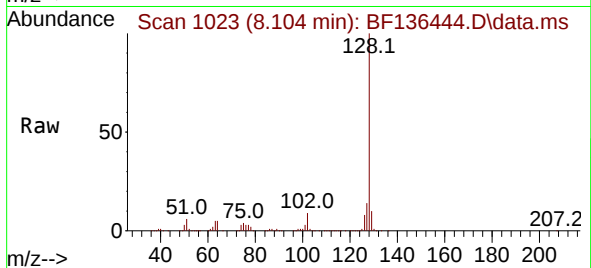
PB157532BS

Tgt Ion:128 Resp: 1234898
Ion Ratio Lower Upper
128 100
129 10.1 8.3 12.5
127 13.9 11.1 16.7

Manual Integrations

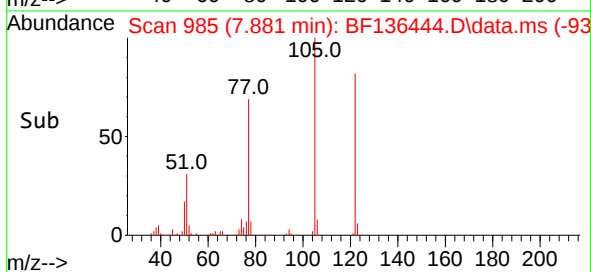
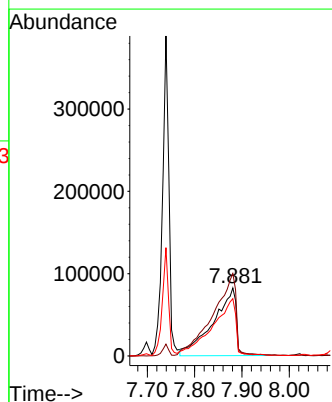
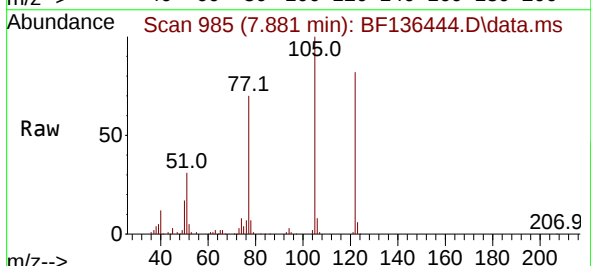
APPROVED

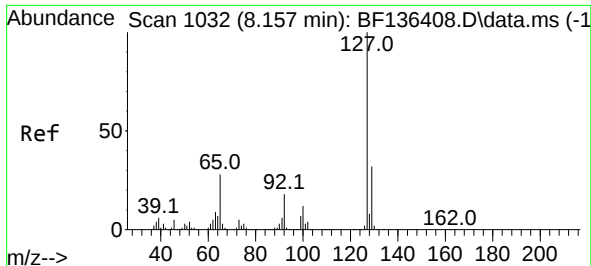
Reviewed By :Yogesh Patel 12/08/2023
Supervised By :mohammad ahmed 12/08/2023



#32
Benzoic acid
Concen: 47.619 ng
RT: 7.881 min Scan# 985
Delta R.T. 0.012 min
Lab File: BF136444.D
Acq: 07 Dec 2023 13:22

Tgt Ion:122 Resp: 280254
Ion Ratio Lower Upper
122 100
105 121.2 104.7 144.7
77 84.3 68.5 108.5





#33
4-Chloroaniline
Concen: 35.091 ng
RT: 8.151 min Scan# 1031
Delta R.T. -0.006 min
Lab File: BF136444.D
Acq: 07 Dec 2023 13:22

Instrument :

BNA_F

ClientSampleId :

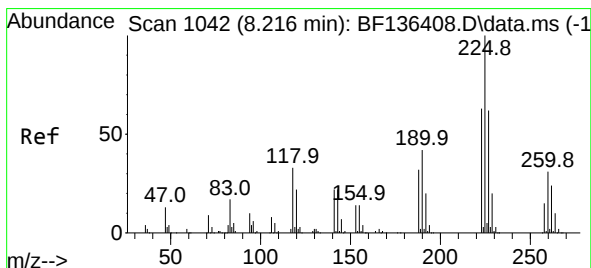
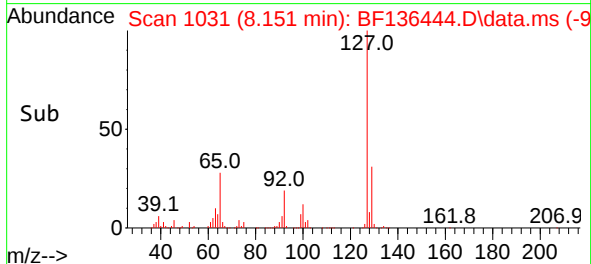
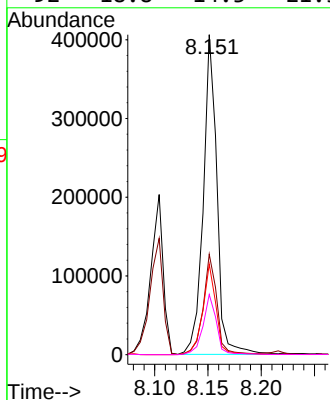
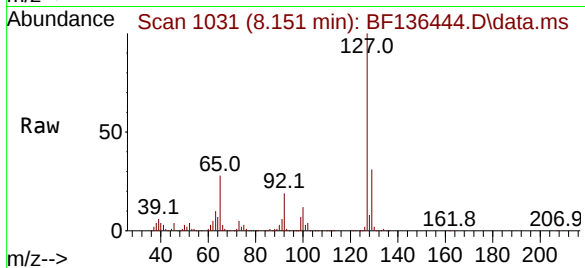
PB157532BS

Tgt Ion:127 Resp: 36283
Ion Ratio Lower Upper
127 100
129 31.4 25.4 38.2
65 28.3 22.5 33.7
92 18.8 14.3 21.5

Manual Integrations

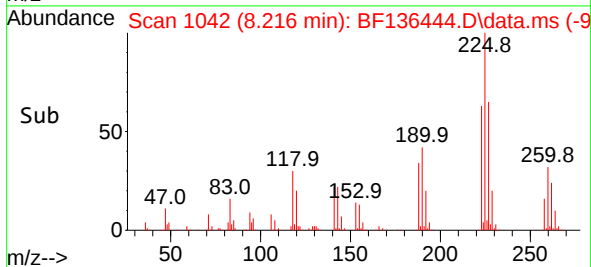
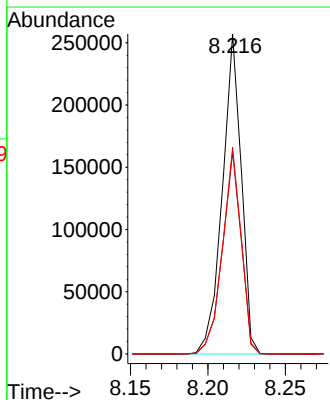
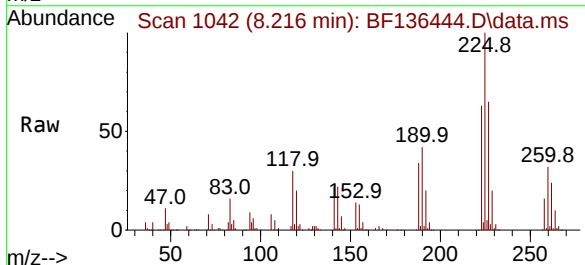
APPROVED

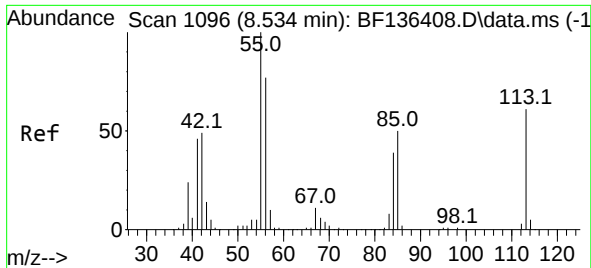
Reviewed By :Yogesh Patel 12/08/2023
Supervised By :mohammad ahmed 12/08/2023



#34
Hexachlorobutadiene
Concen: 40.302 ng
RT: 8.216 min Scan# 1042
Delta R.T. -0.000 min
Lab File: BF136444.D
Acq: 07 Dec 2023 13:22

Tgt Ion:225 Resp: 218098
Ion Ratio Lower Upper
225 100
223 63.1 50.8 76.2
227 64.6 49.8 74.8





#35
Caprolactam
Concen: 47.790 ng m
RT: 8.534 min Scan# 1105
Delta R.T. -0.000 min
Lab File: BF136444.D
Acq: 07 Dec 2023 13:22

Instrument :

BNA_F

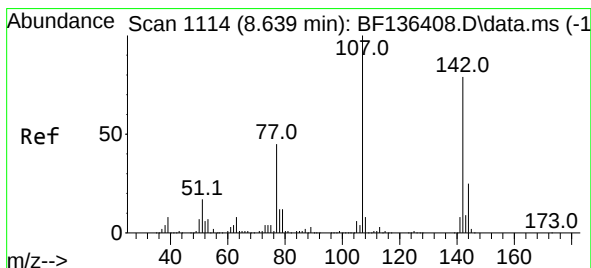
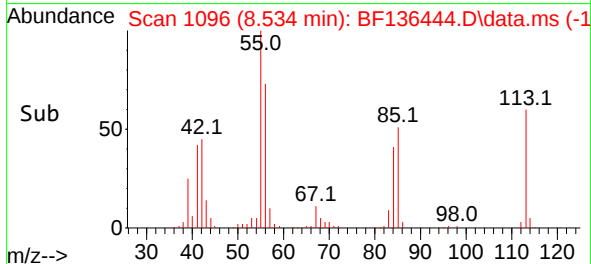
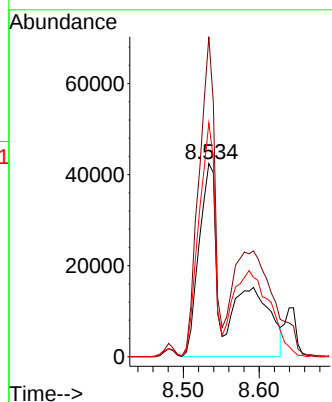
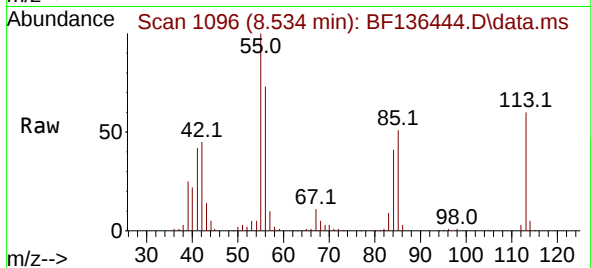
ClientSampleId :

PB157532BS

Tgt Ion:113 Resp: 11524
Ion Ratio Lower Upper
113 100
55 165.7 143.7 183.7
56 121.1 105.2 145.2

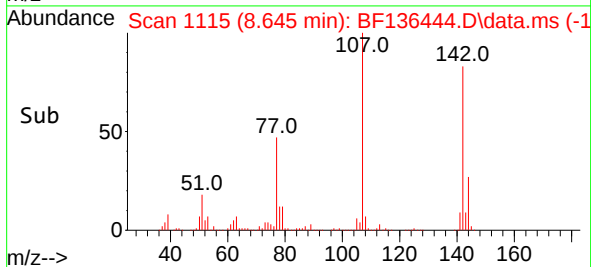
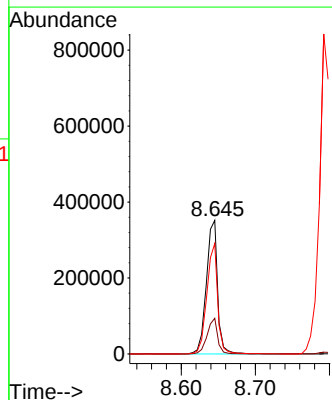
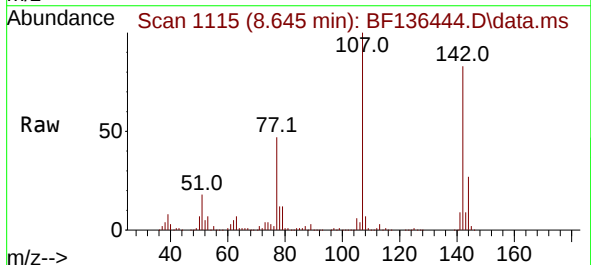
Manual Integrations
APPROVED

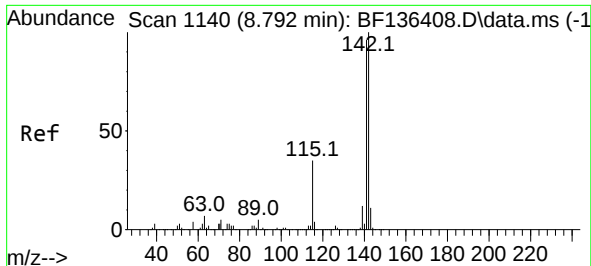
Reviewed By :Yogesh Patel 12/08/2023
Supervised By :mohammad ahmed 12/08/2023



#36
4-Chloro-3-methylphenol
Concen: 44.644 ng
RT: 8.645 min Scan# 1115
Delta R.T. 0.006 min
Lab File: BF136444.D
Acq: 07 Dec 2023 13:22

Tgt Ion:107 Resp: 371202
Ion Ratio Lower Upper
107 100
144 26.7 20.1 30.1
142 82.7 63.1 94.7





#37
2-Methylnaphthalene
Concen: 43.081 ng
RT: 8.792 min Scan# 1140
Delta R.T. -0.000 min
Lab File: BF136444.D
Acq: 07 Dec 2023 13:22

Instrument :

BNA_F

ClientSampleId :

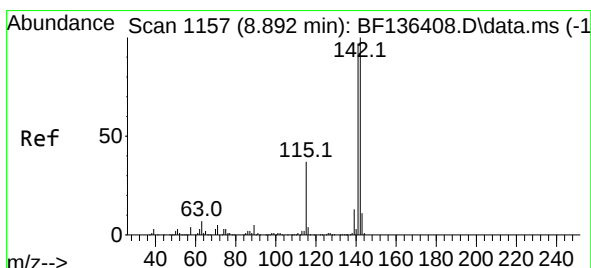
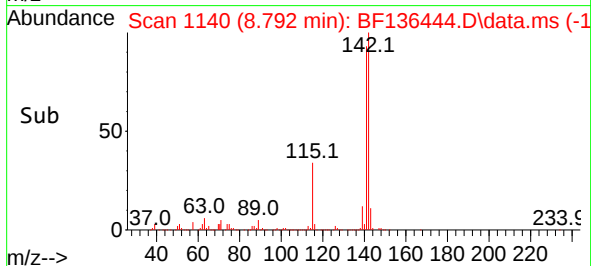
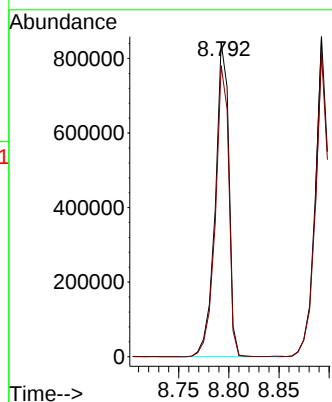
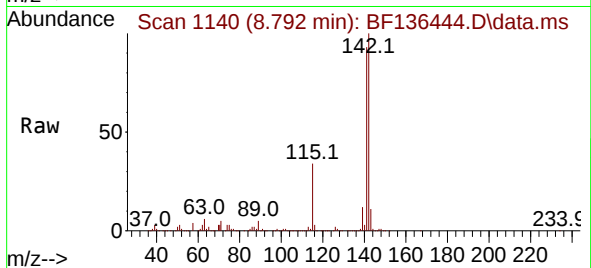
PB157532BS

Tgt Ion:142 Resp: 794914
Ion Ratio Lower Upper
142 100
141 92.7 76.4 114.6

Manual Integrations

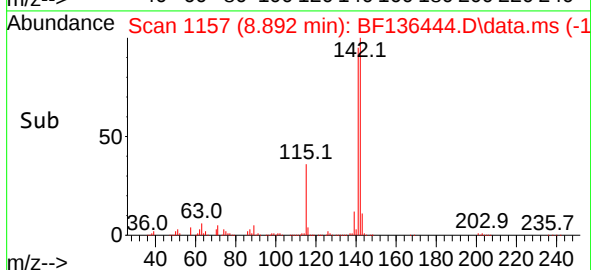
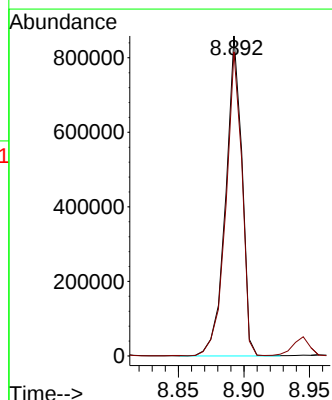
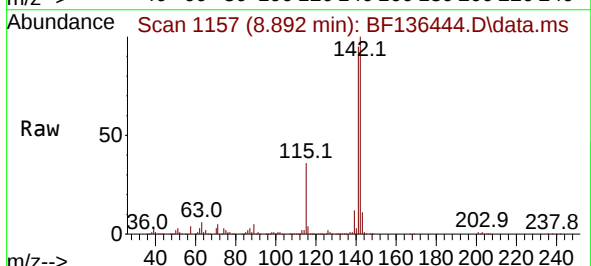
APPROVED

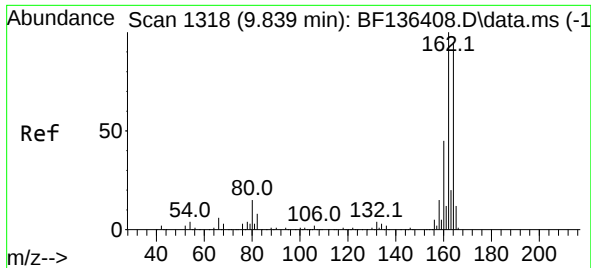
Reviewed By :Yogesh Patel 12/08/2023
Supervised By :mohammad ahmed 12/08/2023



#38
1-Methylnaphthalene
Concen: 40.732 ng
RT: 8.892 min Scan# 1157
Delta R.T. -0.000 min
Lab File: BF136444.D
Acq: 07 Dec 2023 13:22

Tgt Ion:142 Resp: 737497
Ion Ratio Lower Upper
142 100
141 95.0 77.7 116.5





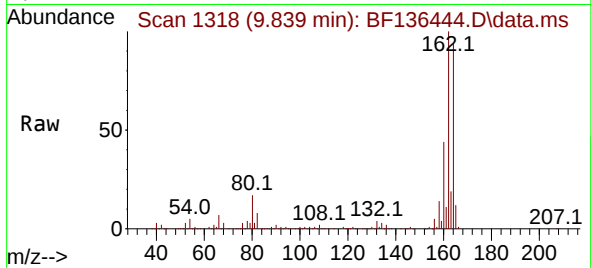
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.839 min Scan# 1169
Delta R.T. -0.000 min
Lab File: BF136444.D
Acq: 07 Dec 2023 13:22

Instrument :

BNA_F

ClientSampleId :

PB157532BS

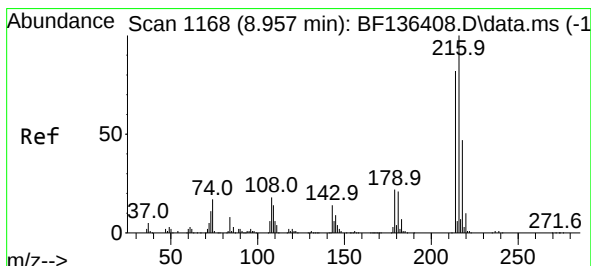
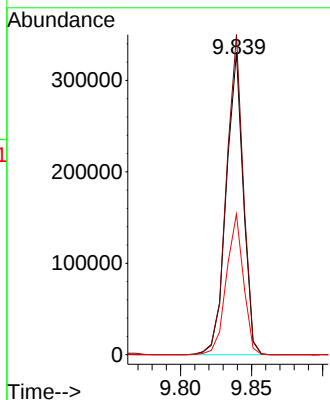
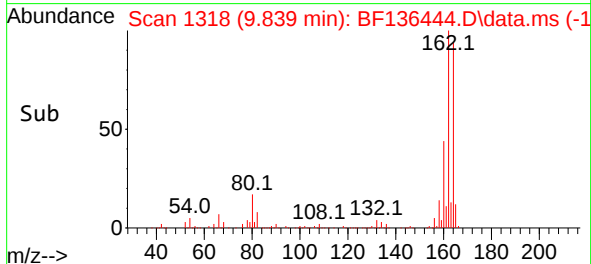


Tgt Ion:164 Resp: 27554
Ion Ratio Lower Upper
164 100
162 105.9 84.4 126.6
160 46.6 37.6 56.4

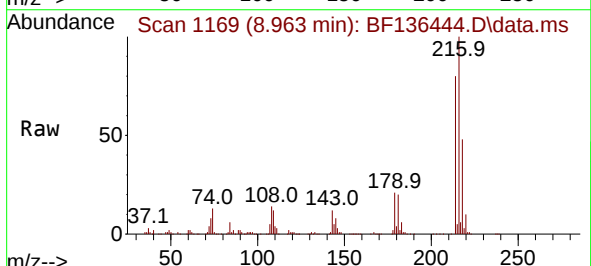
Manual Integrations

APPROVED

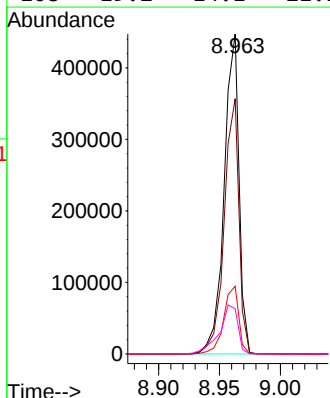
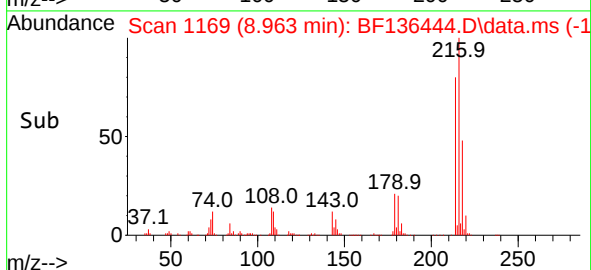
Reviewed By :Yogesh Patel 12/08/2023
Supervised By :mohammad ahmed 12/08/2023



#40
1,2,4,5-Tetrachlorobenzene
Concen: 44.441 ng
RT: 8.963 min Scan# 1169
Delta R.T. 0.006 min
Lab File: BF136444.D
Acq: 07 Dec 2023 13:22



Tgt Ion:216 Resp: 380974
Ion Ratio Lower Upper
216 100
214 79.2 64.1 96.1
179 21.5 17.0 25.6
108 19.2 14.1 21.1





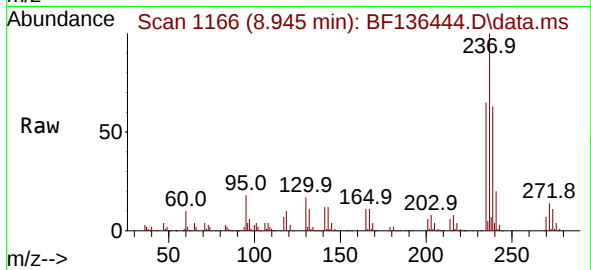
#41
Hexachlorocyclopentadiene
Concen: 120.651 ng
RT: 8.945 min Scan# 1166
Delta R.T. -0.000 min
Lab File: BF136444.D
Acq: 07 Dec 2023 13:22

Instrument :

BNA_F

ClientSampleId :

PB157532BS

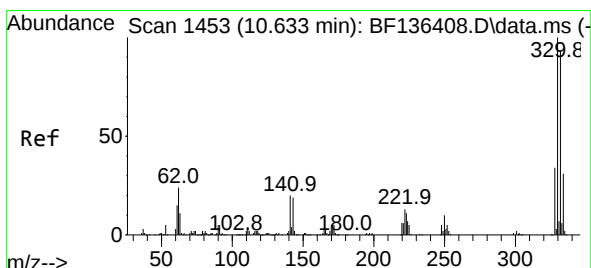
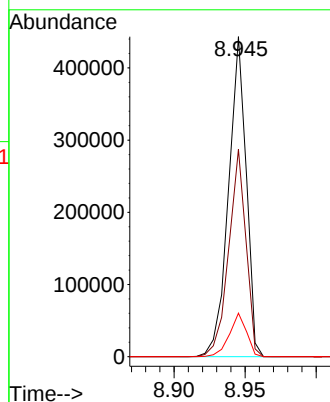
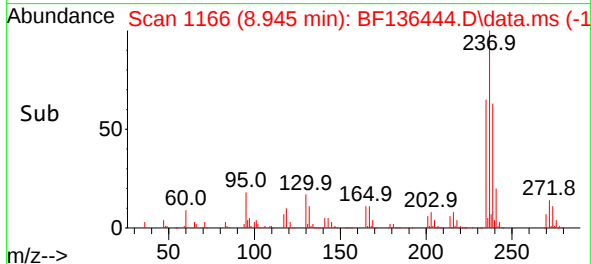


Tgt Ion:237 Resp: 383182
Ion Ratio Lower Upper
237 100
235 64.8 44.1 84.1
272 13.6 0.0 33.3

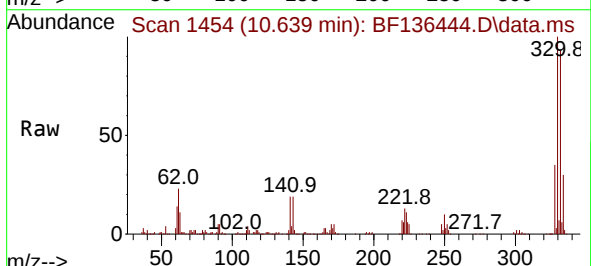
Manual Integrations

APPROVED

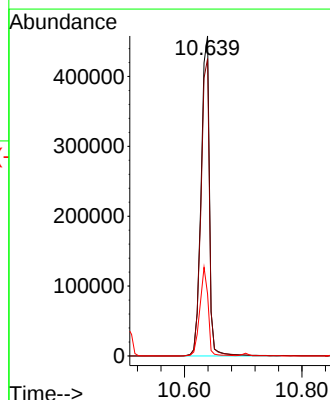
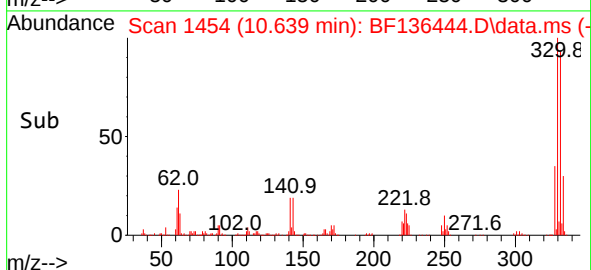
Reviewed By :Yogesh Patel 12/08/2023
Supervised By :mohammad ahmed 12/08/2023

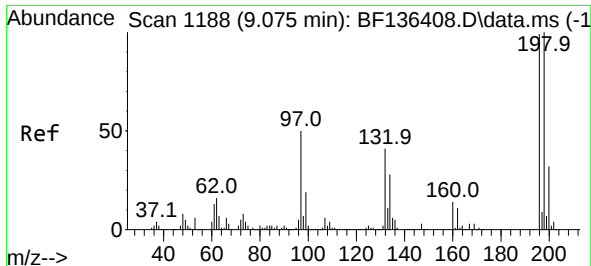


#42
2,4,6-Tribromophenol
Concen: 131.945 ng
RT: 10.639 min Scan# 1454
Delta R.T. 0.006 min
Lab File: BF136444.D
Acq: 07 Dec 2023 13:22



Tgt Ion:330 Resp: 448287
Ion Ratio Lower Upper
330 100
332 94.5 76.4 114.6
141 27.5 23.4 35.2





#43

2,4,6-Trichlorophenol

Concen: 44.562 ng

RT: 9.075 min Scan# 1188

Delta R.T. -0.000 min

Lab File: BF136444.D

Acq: 07 Dec 2023 13:22

Instrument :

BNA_F

ClientSampleId :

PB157532BS

Tgt Ion:196 Resp: 24874

Ion Ratio Lower Upper

196 100

198 100.9 80.4 120.6

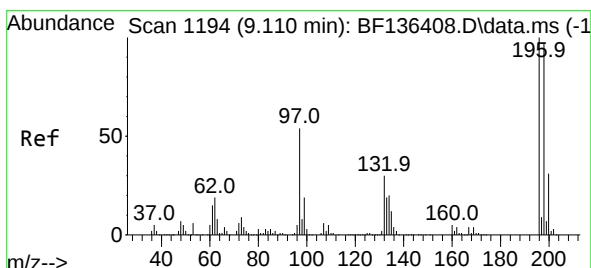
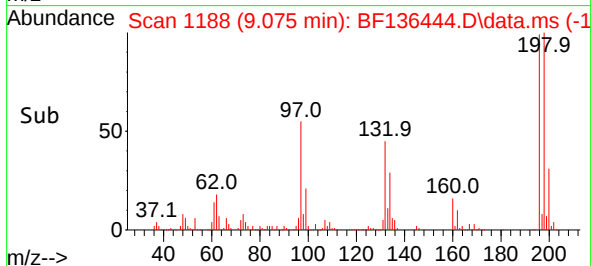
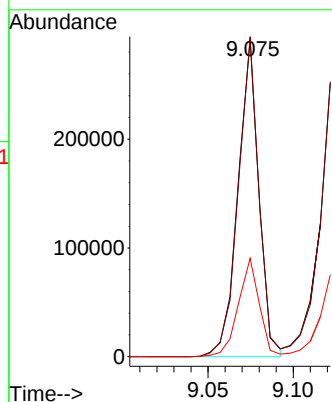
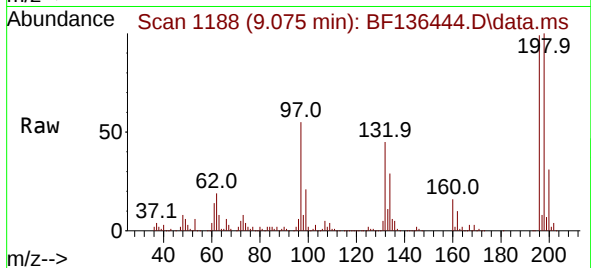
200 31.0 25.9 38.9

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 12/08/2023

Supervised By :mohammad ahmed 12/08/2023



#44

2,4,5-Trichlorophenol

Concen: 44.791 ng

RT: 9.122 min Scan# 1196

Delta R.T. 0.012 min

Lab File: BF136444.D

Acq: 07 Dec 2023 13:22

Tgt Ion:196 Resp: 279046

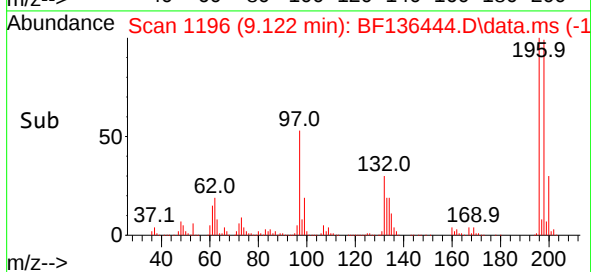
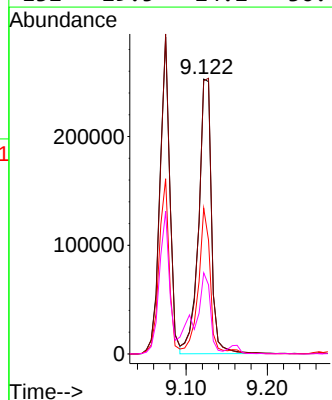
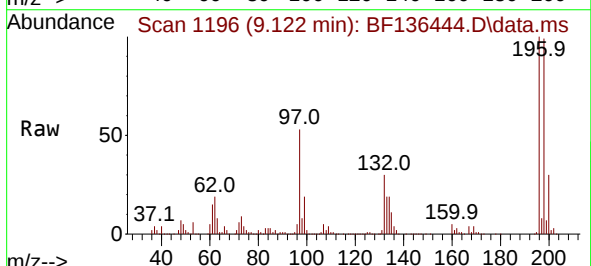
Ion Ratio Lower Upper

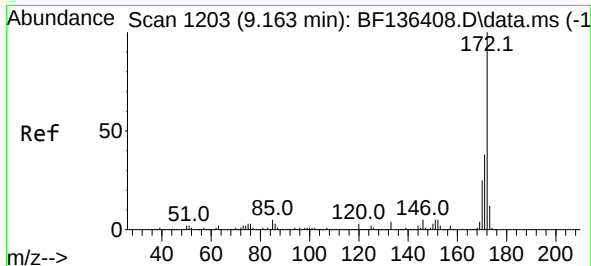
196 100

198 99.4 78.1 117.1

97 53.0 43.4 65.2

132 29.5 24.2 36.4





#45

2-Fluorobiphenyl

Concen: 81.036 ng

RT: 9.163 min Scan# 1203

Delta R.T. -0.000 min

Lab File: BF136444.D

Acq: 07 Dec 2023 13:22

Instrument :

BNA_F

ClientSampleId :

PB157532BS

Tgt Ion:172 Resp: 163644

Ion Ratio Lower Upper

172 100

171 38.2 30.5 45.7

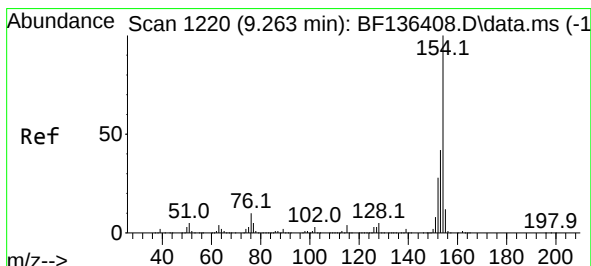
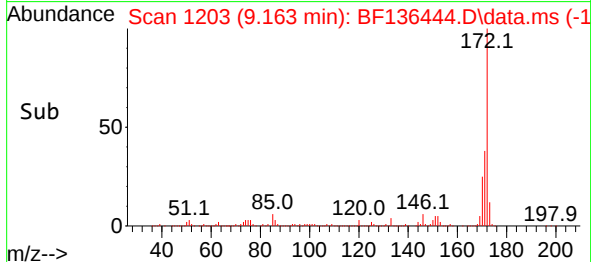
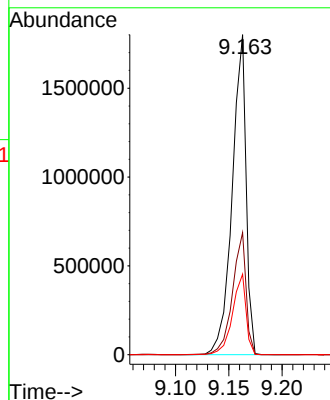
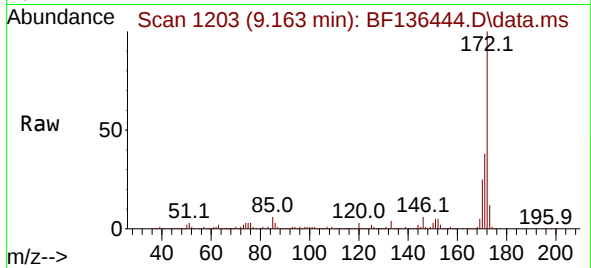
170 25.1 19.9 29.9

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 12/08/2023

Supervised By :mohammad ahmed 12/08/2023



#46

1,1'-Biphenyl

Concen: 43.175 ng

RT: 9.263 min Scan# 1220

Delta R.T. -0.000 min

Lab File: BF136444.D

Acq: 07 Dec 2023 13:22

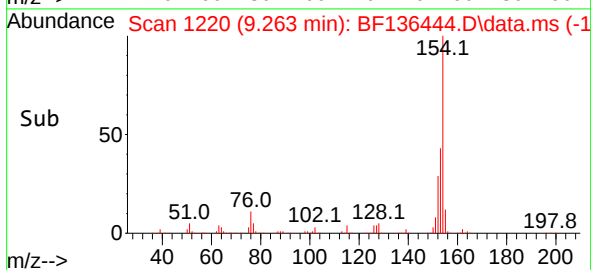
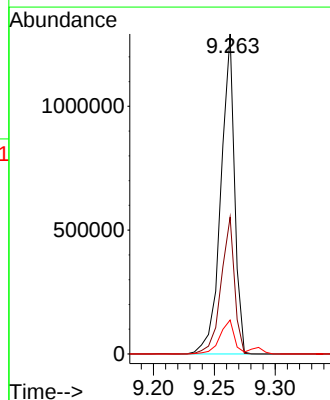
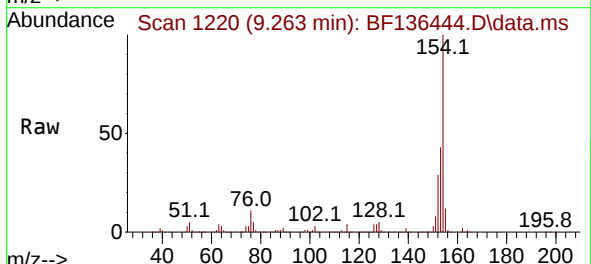
Tgt Ion:154 Resp: 1012282

Ion Ratio Lower Upper

154 100

153 42.7 22.5 62.5

76 10.6 0.0 29.9





#47
2-Chloronaphthalene
Concen: 41.630 ng
RT: 9.286 min Scan# 1224
Delta R.T. -0.000 min
Lab File: BF136444.D
Acq: 07 Dec 2023 13:22

Instrument :

BNA_F

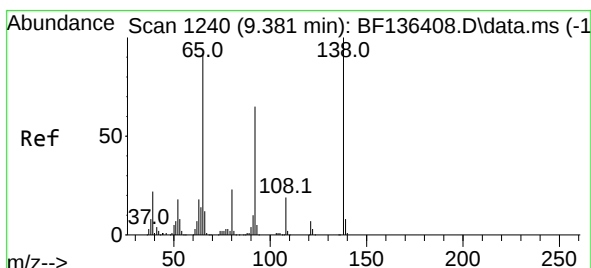
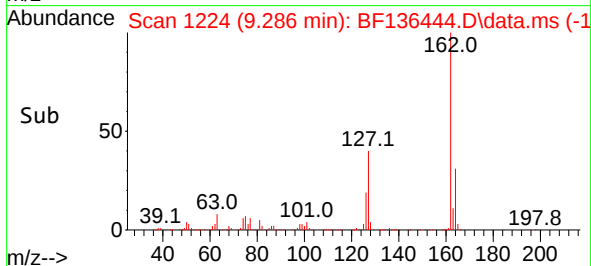
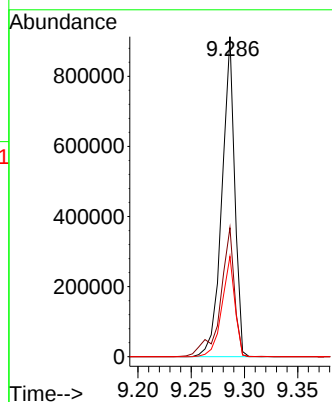
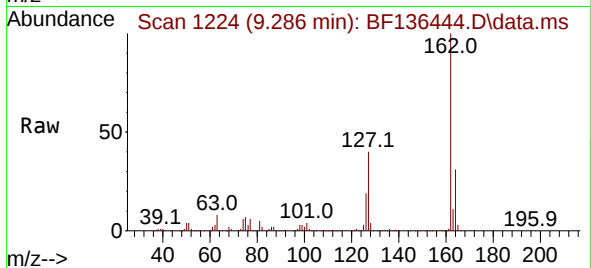
ClientSampleId :

PB157532BS

Tgt Ion:162 Resp: 759700
Ion Ratio Lower Upper
162 100
127 40.3 31.1 46.7
164 31.4 24.6 37.0

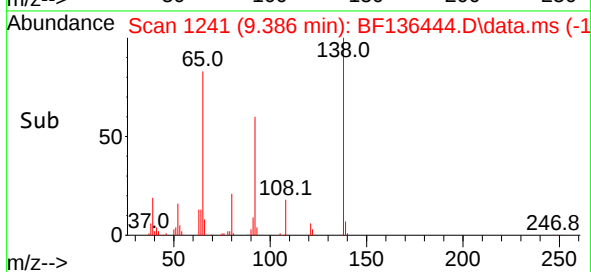
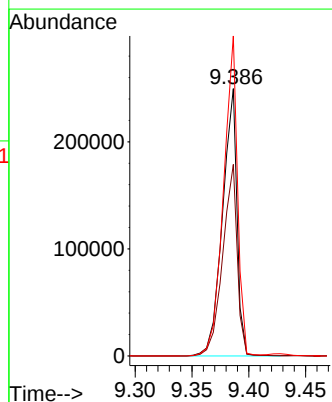
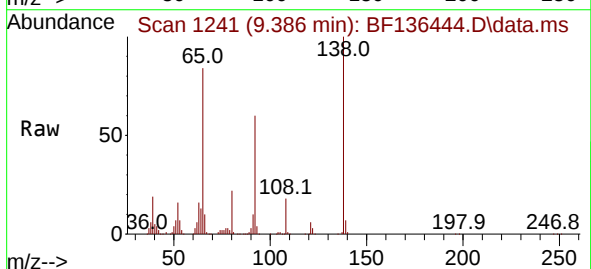
Manual Integrations
APPROVED

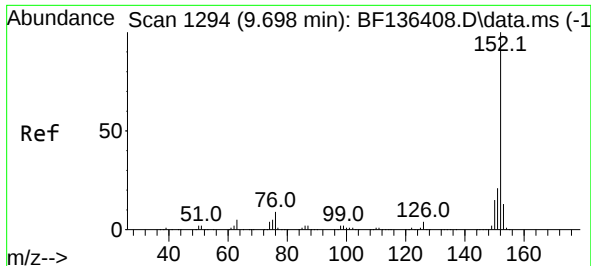
Reviewed By :Yogesh Patel 12/08/2023
Supervised By :mohammad ahmed 12/08/2023



#48
2-Nitroaniline
Concen: 45.502 ng
RT: 9.386 min Scan# 1241
Delta R.T. 0.006 min
Lab File: BF136444.D
Acq: 07 Dec 2023 13:22

Tgt Ion: 65 Resp: 222705
Ion Ratio Lower Upper
65 100
92 71.6 56.1 84.1
138 119.7 86.7 130.1





#49

Acenaphthylene

Concen: 44.603 ng

RT: 9.704 min Scan# 1295

Delta R.T. 0.006 min

Lab File: BF136444.D

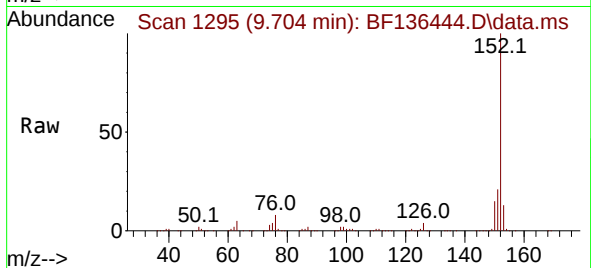
Acq: 07 Dec 2023 13:22

Instrument :

BNA_F

ClientSampleId :

PB157532BS



Tgt Ion:152 Resp: 1159478

Ion Ratio Lower Upper

152 100

151 21.0 17.2 25.8

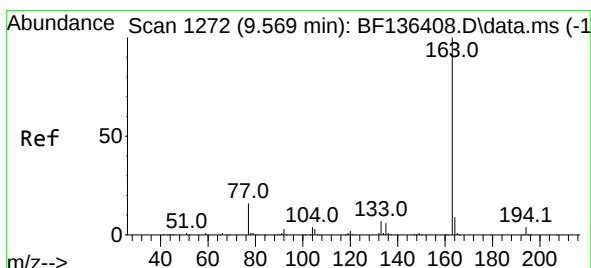
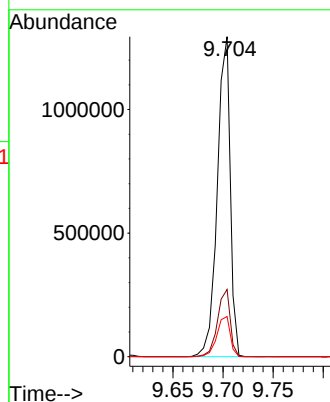
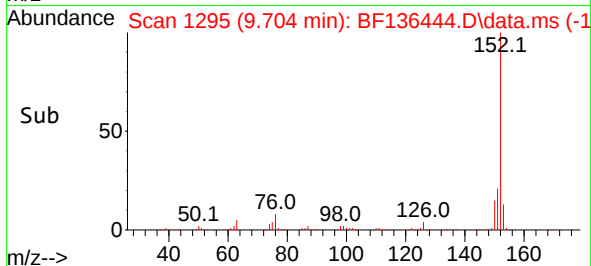
153 12.6 10.6 15.8

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 12/08/2023

Supervised By :mohammad ahmed 12/08/2023



#50

Dimethylphthalate

Concen: 44.346 ng

RT: 9.569 min Scan# 1272

Delta R.T. -0.000 min

Lab File: BF136444.D

Acq: 07 Dec 2023 13:22

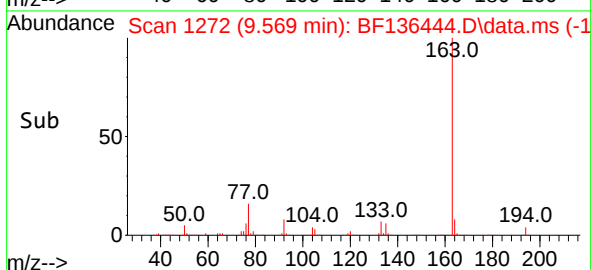
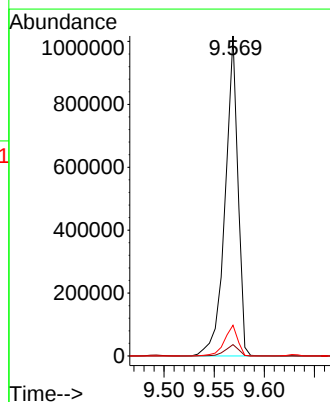
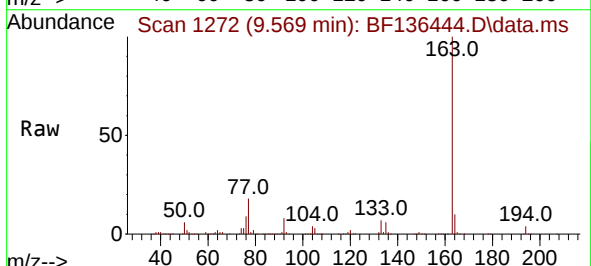
Tgt Ion:163 Resp: 899632

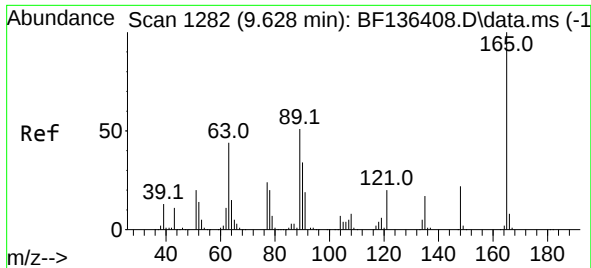
Ion Ratio Lower Upper

163 100

194 3.6 3.0 4.6

164 9.6 7.4 11.2





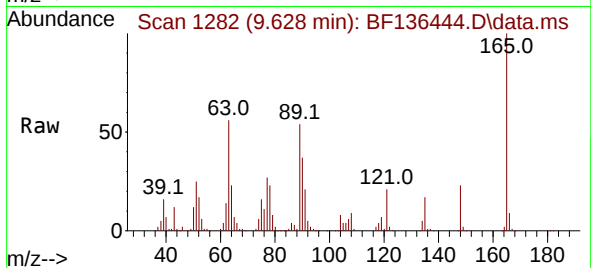
#51
2,6-Dinitrotoluene
Concen: 44.175 ng
RT: 9.628 min Scan# 1282
Delta R.T. -0.000 min
Lab File: BF136444.D
Acq: 07 Dec 2023 13:22

Instrument :

BNA_F

ClientSampleId :

PB157532BS

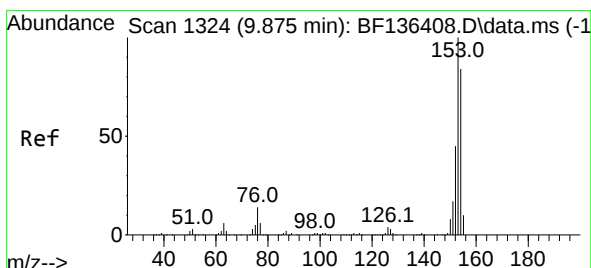
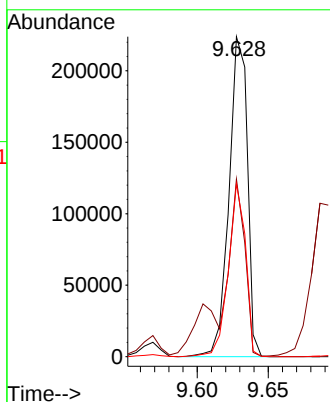
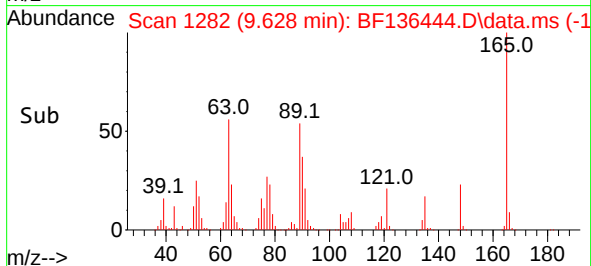


Tgt Ion:165 Resp: 201614
Ion Ratio Lower Upper
165 100
63 55.5 40.4 60.6
89 54.1 40.6 60.8

Manual Integrations

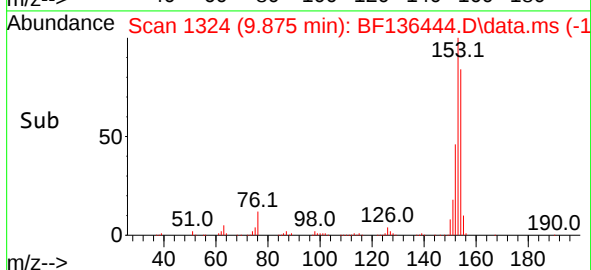
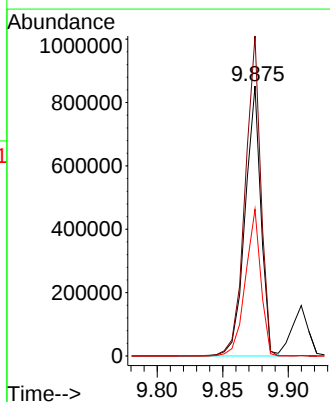
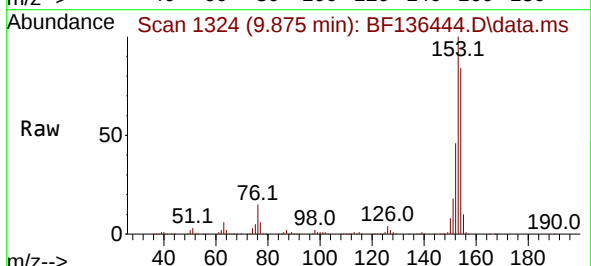
APPROVED

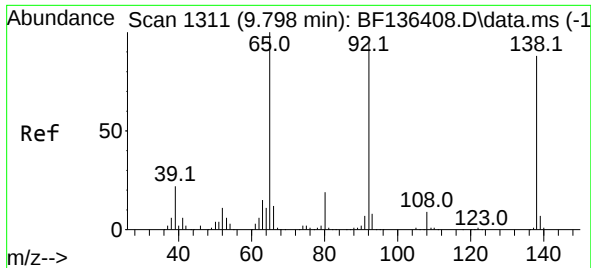
Reviewed By :Yogesh Patel 12/08/2023
Supervised By :mohammad ahmed 12/08/2023



#52
Acenaphthene
Concen: 43.180 ng
RT: 9.875 min Scan# 1324
Delta R.T. -0.000 min
Lab File: BF136444.D
Acq: 07 Dec 2023 13:22

Tgt Ion:154 Resp: 719302
Ion Ratio Lower Upper
154 100
153 118.6 95.3 142.9
152 54.4 43.2 64.8





#53
3-Nitroaniline
Concen: 40.825 ng
RT: 9.798 min Scan# 11
Delta R.T. -0.000 min
Lab File: BF136444.D
Acq: 07 Dec 2023 13:22

Instrument :

BNA_F

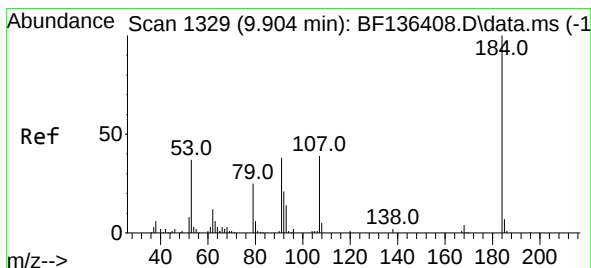
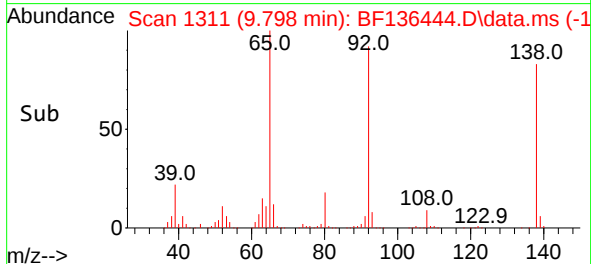
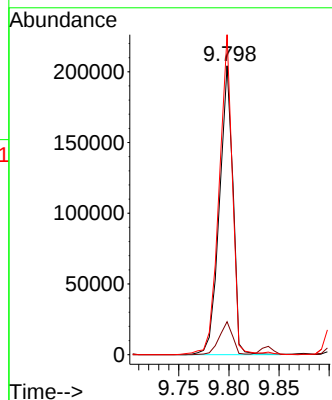
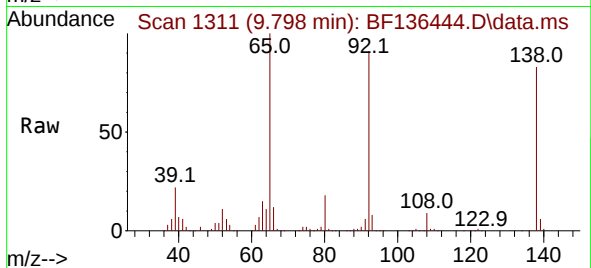
ClientSampleId :

PB157532BS

Tgt Ion:138 Resp: 19026
Ion Ratio Lower Upper
138 100
108 11.4 8.5 12.7
92 110.7 86.1 129.1

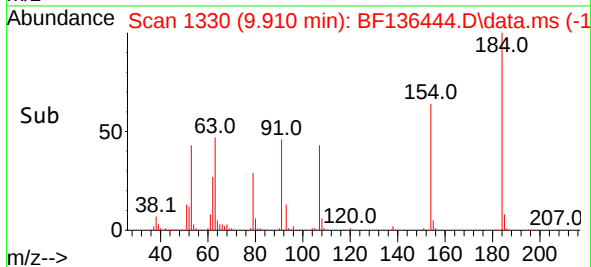
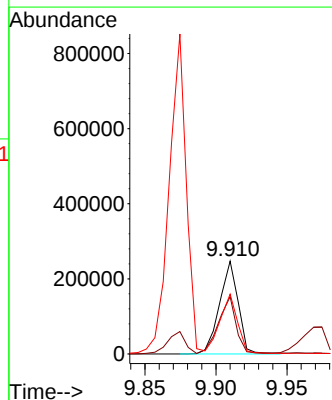
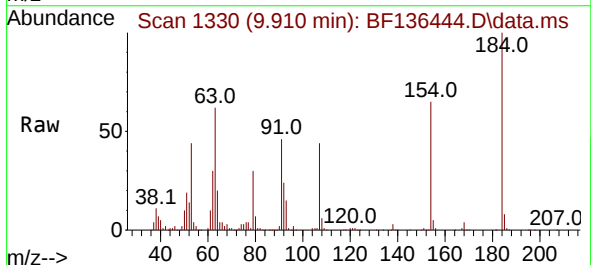
Manual Integrations
APPROVED

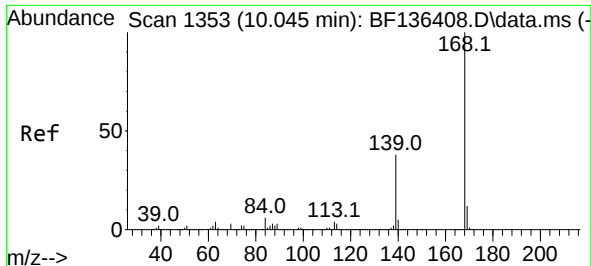
Reviewed By :Yogesh Patel 12/08/2023
Supervised By :mohammad ahmed 12/08/2023



#54
2,4-Dinitrophenol
Concen: 97.912 ng
RT: 9.910 min Scan# 1330
Delta R.T. 0.006 min
Lab File: BF136444.D
Acq: 07 Dec 2023 13:22

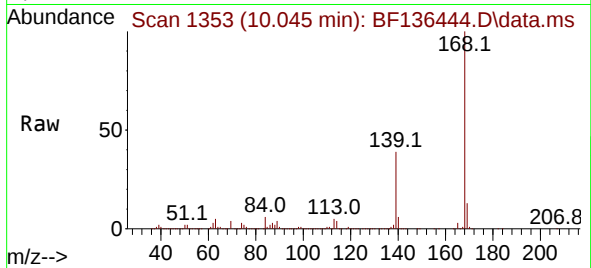
Tgt Ion:184 Resp: 225935
Ion Ratio Lower Upper
184 100
63 61.8 39.1 58.7#
154 64.5 49.9 74.9





#55
Dibenzenofuran
Concen: 43.774 ng
RT: 10.045 min Scan# 1353
Delta R.T. -0.000 min
Lab File: BF136444.D
Acq: 07 Dec 2023 13:22

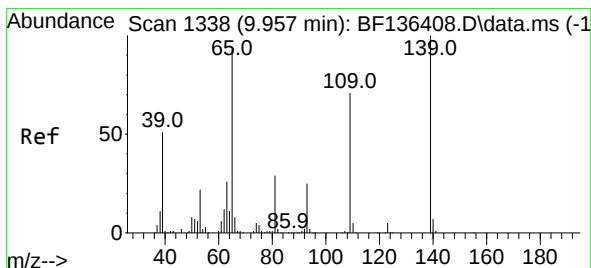
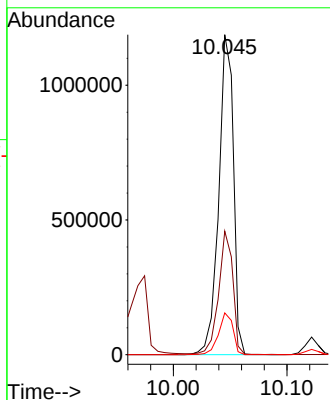
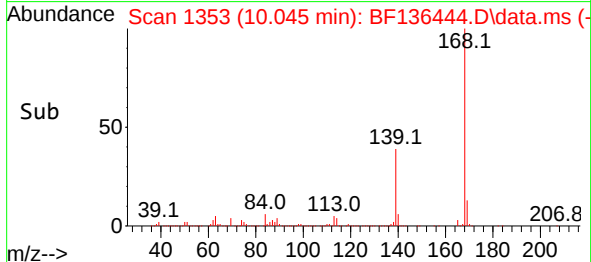
Instrument :
BNA_F
ClientSampleId :
PB157532BS



Tgt Ion:168 Resp: 106526
Ion Ratio Lower Upper
168 100
139 38.6 30.4 45.6
169 13.0 9.9 14.9

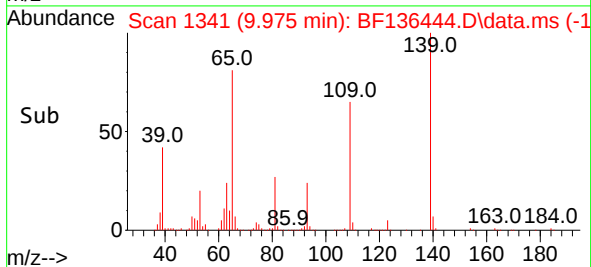
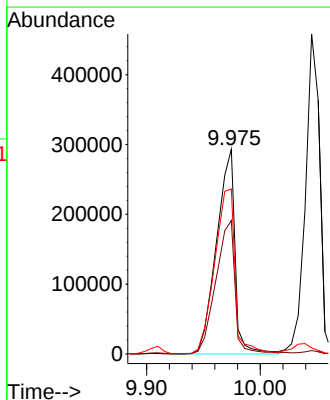
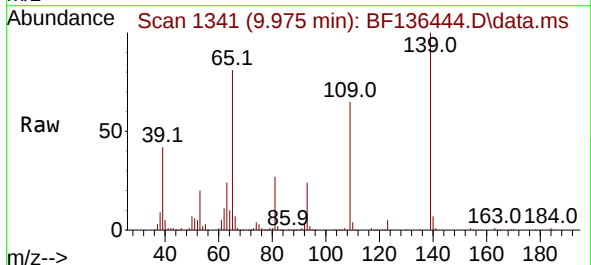
Manual Integrations
APPROVED

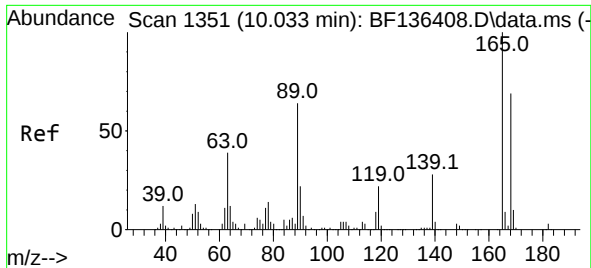
Reviewed By :Yogesh Patel 12/08/2023
Supervised By :mohammad ahmed 12/08/2023



#56
4-Nitrophenol
Concen: 94.934 ng
RT: 9.975 min Scan# 1341
Delta R.T. 0.018 min
Lab File: BF136444.D
Acq: 07 Dec 2023 13:22

Tgt Ion:139 Resp: 331677
Ion Ratio Lower Upper
139 100
109 65.2 50.6 90.6
65 80.6 73.1 113.1





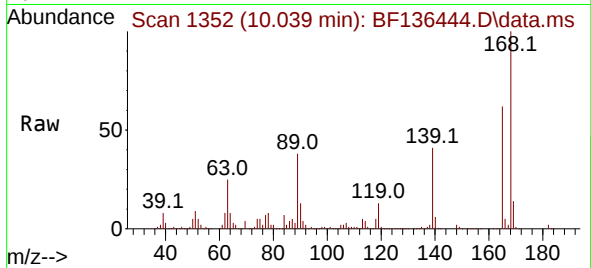
#57
2,4-Dinitrotoluene
Concen: 44.680 ng
RT: 10.039 min Scan# 1411
Delta R.T. 0.006 min
Lab File: BF136444.D
Acq: 07 Dec 2023 13:22

Instrument :

BNA_F

ClientSampleId :

PB157532BS

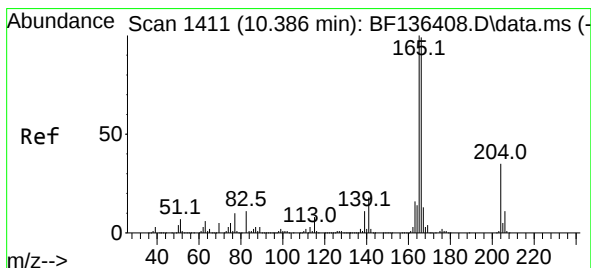
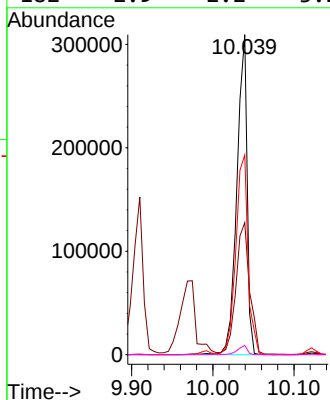
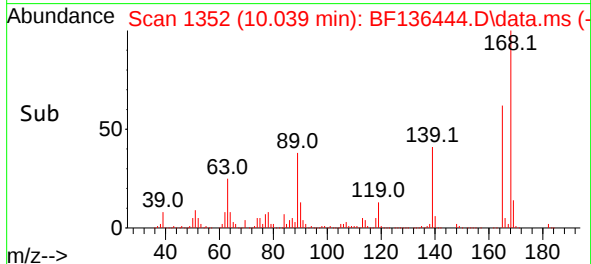


Tgt Ion:165 Resp: 269758
Ion Ratio Lower Upper
165 100
63 41.2 31.4 47.2
89 62.4 51.7 77.5
182 2.9 2.2 3.2

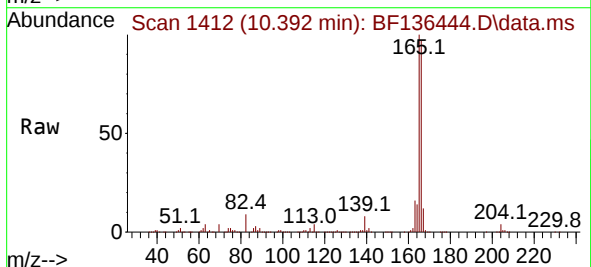
Manual Integrations

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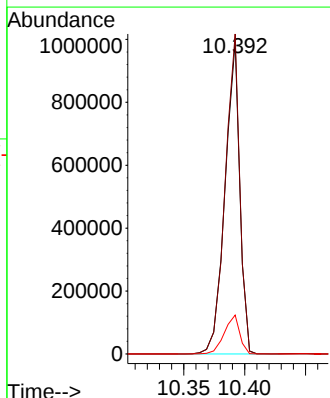
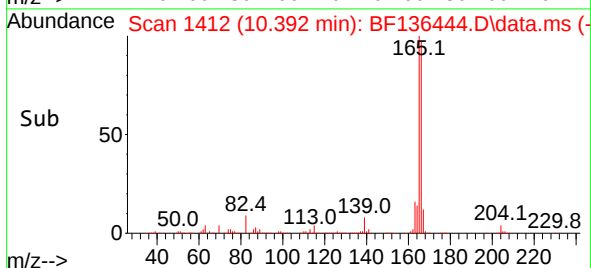
Reviewed By :Yogesh Patel 12/08/2023
Supervised By :mohammad ahmed 12/08/2023

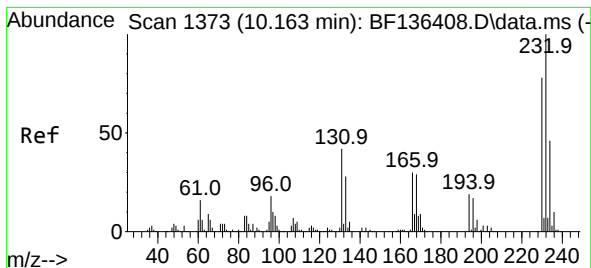


#58
Fluorene
Concen: 42.960 ng
RT: 10.392 min Scan# 1412
Delta R.T. 0.006 min
Lab File: BF136444.D
Acq: 07 Dec 2023 13:22



Tgt Ion:166 Resp: 839234
Ion Ratio Lower Upper
166 100
165 102.6 80.5 120.7
167 12.5 10.5 15.7





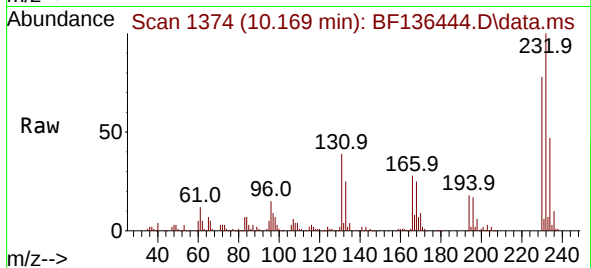
#59
2,3,4,6-Tetrachlorophenol
Concen: 47.681 ng
RT: 10.169 min Scan# 1374
Delta R.T. 0.006 min
Lab File: BF136444.D
Acq: 07 Dec 2023 13:22

Instrument :

BNA_F

ClientSampleId :

PB157532BS

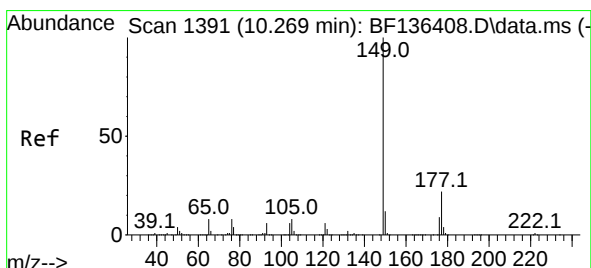
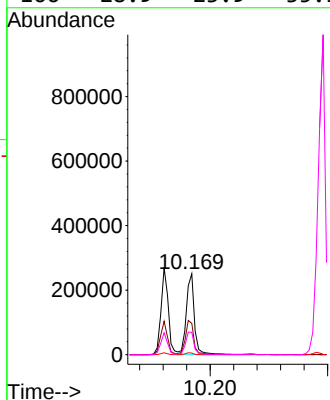
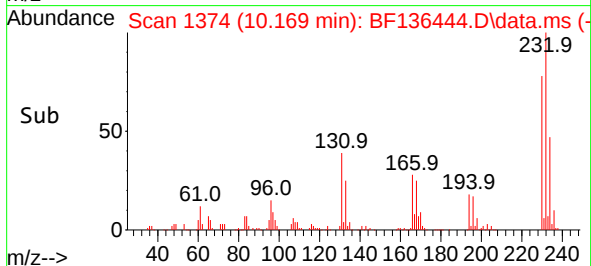


Tgt Ion:232 Resp: 23794
Ion Ratio Lower Upper
232 100
131 43.0 34.3 51.5
130 2.3 1.6 2.4
166 28.9 23.9 35.9

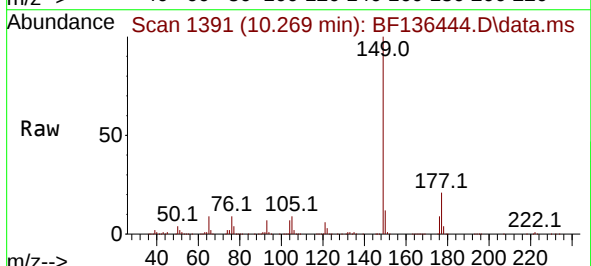
Manual Integrations

APPROVED

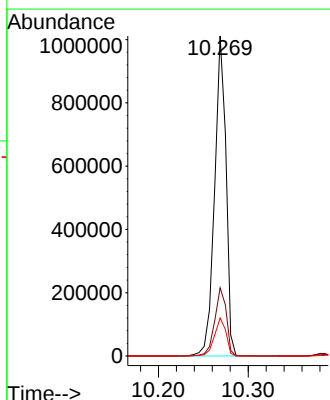
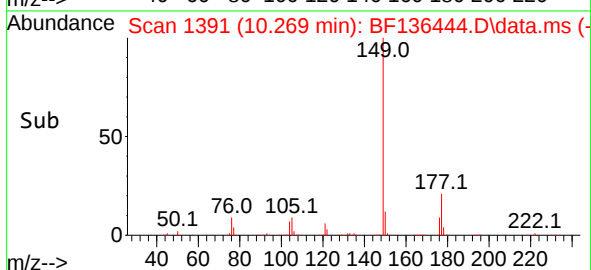
Reviewed By :Yogesh Patel 12/08/2023
Supervised By :mohammad ahmed 12/08/2023

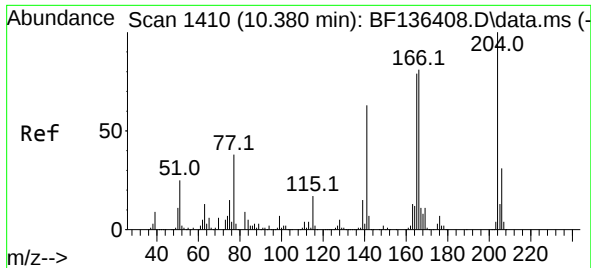


#60
Diethylphthalate
Concen: 44.585 ng
RT: 10.269 min Scan# 1391
Delta R.T. -0.000 min
Lab File: BF136444.D
Acq: 07 Dec 2023 13:22



Tgt Ion:149 Resp: 889399
Ion Ratio Lower Upper
149 100
177 21.3 17.8 26.8
150 11.9 9.4 14.0





#61
4-Chlorophenyl-phenylether
Concen: 43.061 ng
RT: 10.380 min Scan# 1410
Delta R.T. -0.000 min
Lab File: BF136444.D
Acq: 07 Dec 2023 13:22

Instrument :

BNA_F

ClientSampleId :

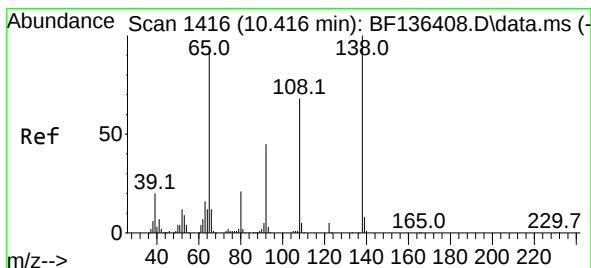
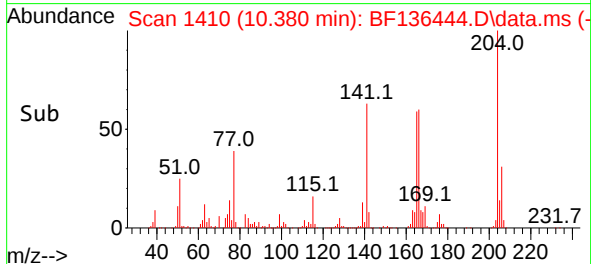
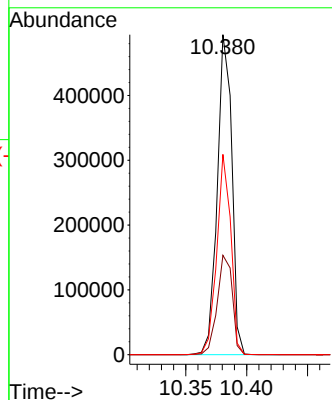
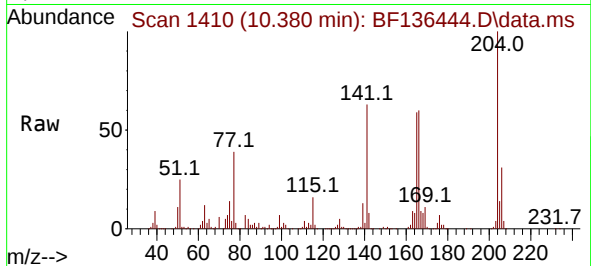
PB157532BS

Tgt Ion:204 Resp: 410079
Ion Ratio Lower Upper
204 100
206 31.1 24.6 36.8
141 62.6 50.3 75.5

Manual Integrations

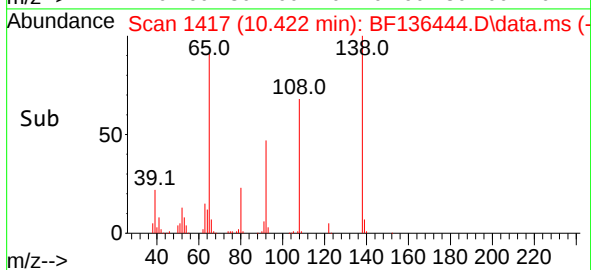
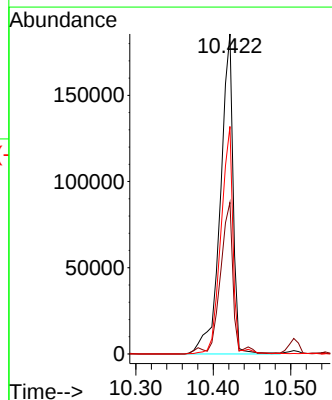
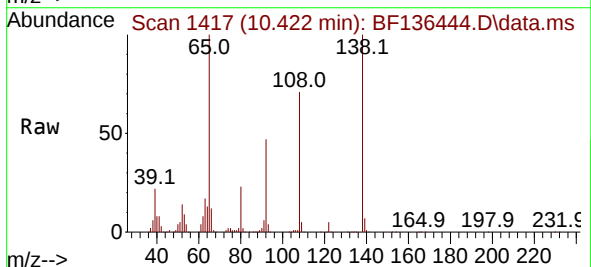
APPROVED

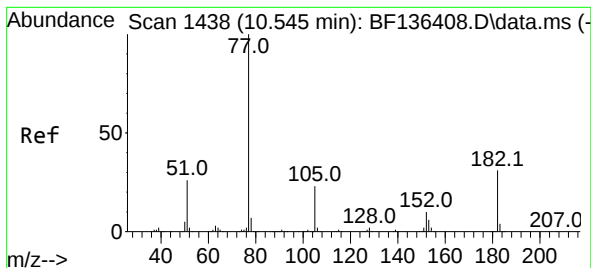
Reviewed By :Yogesh Patel 12/08/2023
Supervised By :mohammad ahmed 12/08/2023



#62
4-Nitroaniline
Concen: 45.846 ng
RT: 10.422 min Scan# 1417
Delta R.T. 0.006 min
Lab File: BF136444.D
Acq: 07 Dec 2023 13:22

Tgt Ion:138 Resp: 212160
Ion Ratio Lower Upper
138 100
92 47.4 25.0 65.0
108 71.1 47.9 87.9





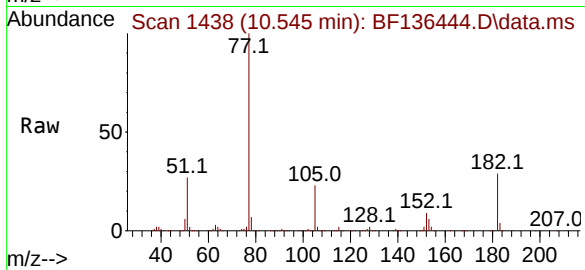
#63
Azobenzene
Concen: 42.907 ng
RT: 10.545 min Scan# 1438
Delta R.T. -0.000 min
Lab File: BF136444.D
Acq: 07 Dec 2023 13:22

Instrument :

BNA_F

ClientSampleId :

PB157532BS

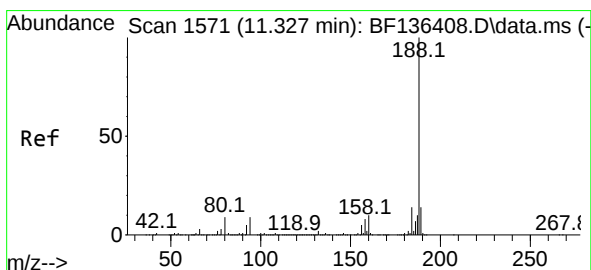
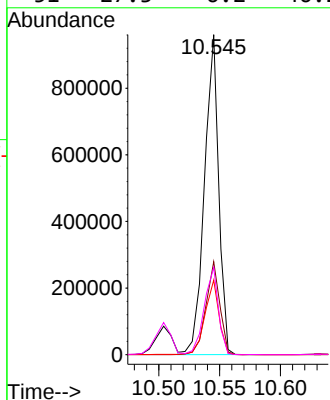
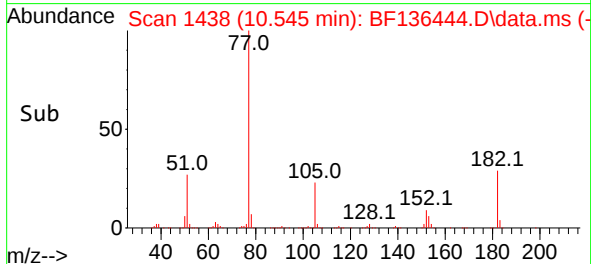


Tgt Ion: 77 Resp: 779085
Ion Ratio Lower Upper
77 100
182 29.1 10.8 50.8
105 23.3 2.6 42.6
51 27.3 6.2 46.2

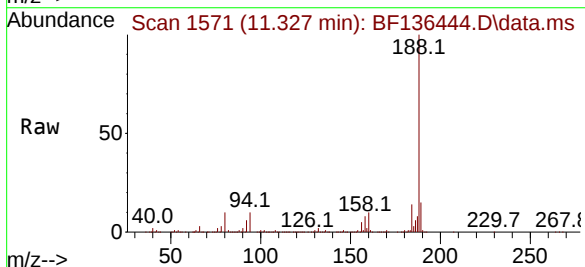
Manual Integrations

APPROVED

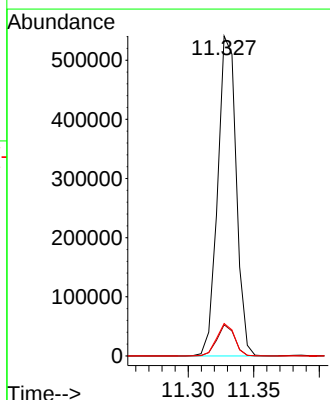
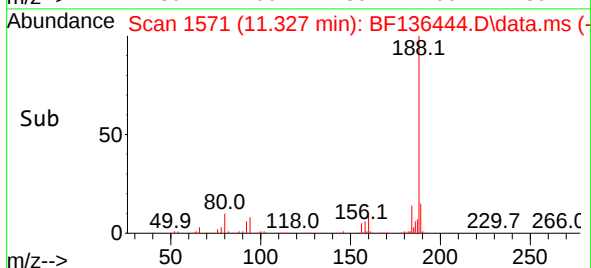
Reviewed By :Yogesh Patel 12/08/2023
Supervised By :mohammad ahmed 12/08/2023

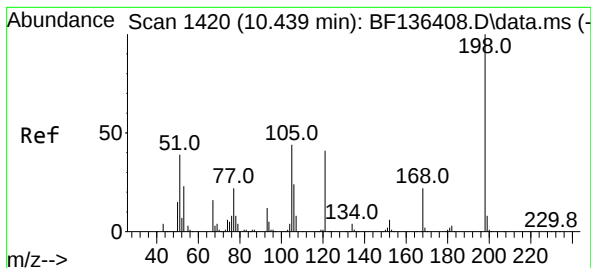


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.327 min Scan# 1571
Delta R.T. -0.000 min
Lab File: BF136444.D
Acq: 07 Dec 2023 13:22



Tgt Ion:188 Resp: 531039
Ion Ratio Lower Upper
188 100
94 9.8 7.2 10.8
80 10.1 7.2 10.8





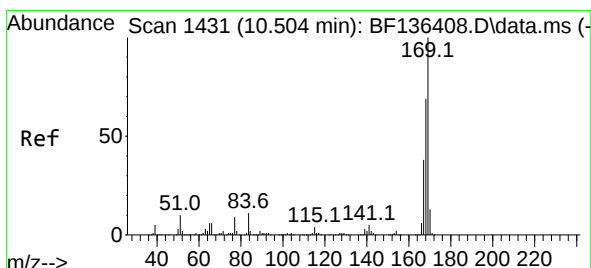
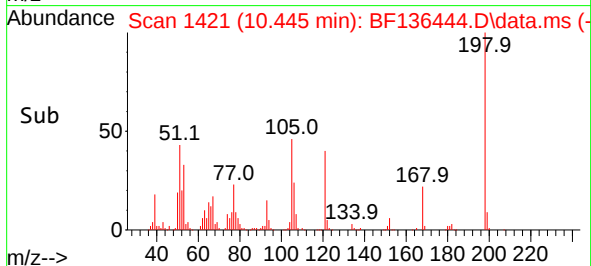
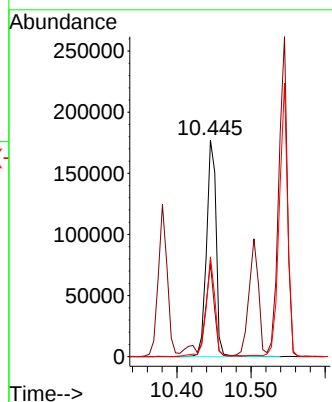
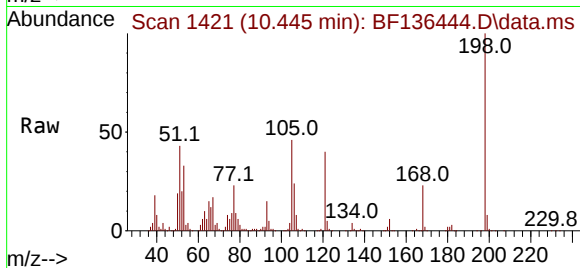
#65
4,6-Dinitro-2-methylphenol
Concen: 48.579 ng
RT: 10.445 min Scan# 1420
Delta R.T. 0.006 min
Lab File: BF136444.D
Acq: 07 Dec 2023 13:22

Instrument :
BNA_F
ClientSampleId :
PB157532BS

Tgt Ion:198 Resp: 15976
Ion Ratio Lower Upper
198 100
51 43.1 24.1 64.1
105 46.1 24.8 64.8

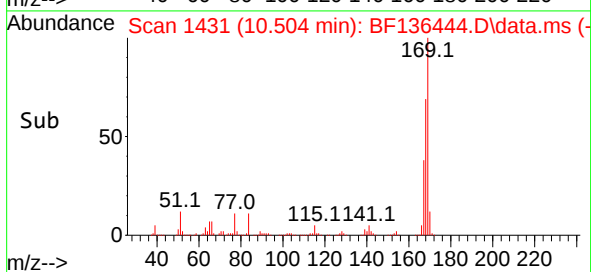
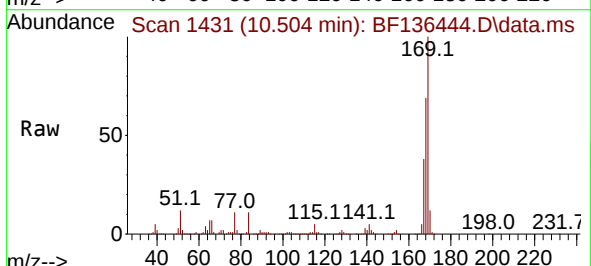
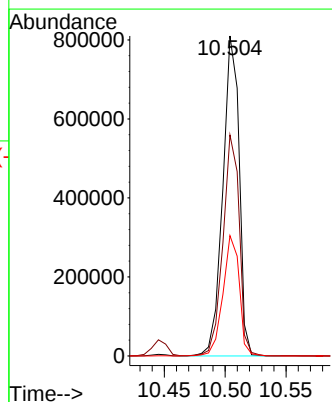
Manual Integrations
APPROVED

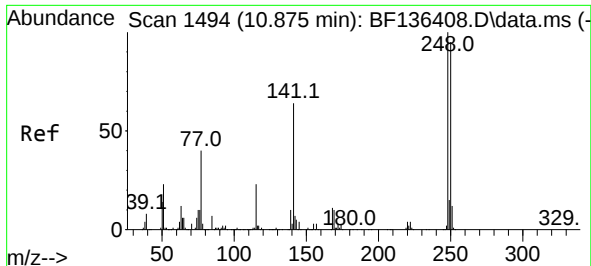
Reviewed By :Yogesh Patel 12/08/2023
Supervised By :mohammad ahmed 12/08/2023



#66
n-Nitrosodiphenylamine
Concen: 44.480 ng
RT: 10.504 min Scan# 1431
Delta R.T. -0.000 min
Lab File: BF136444.D
Acq: 07 Dec 2023 13:22

Tgt Ion:169 Resp: 757937
Ion Ratio Lower Upper
169 100
168 69.1 55.3 82.9
167 37.6 30.1 45.1





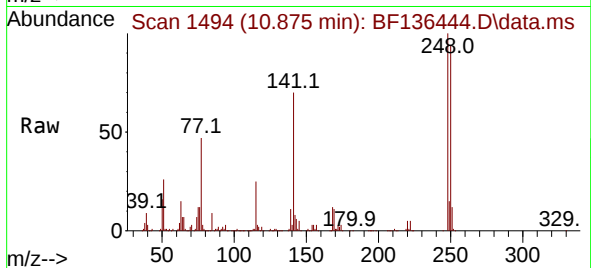
#67
4-Bromophenyl-phenylether
Concen: 42.873 ng
RT: 10.875 min Scan# 1494
Delta R.T. -0.000 min
Lab File: BF136444.D
Acq: 07 Dec 2023 13:22

Instrument :

BNA_F

ClientSampleId :

PB157532BS

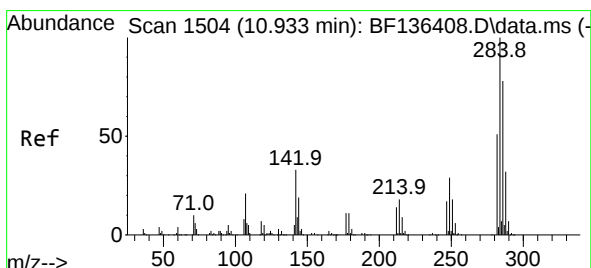
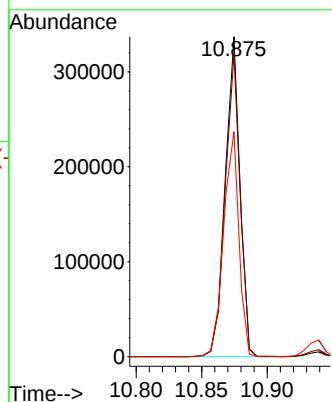
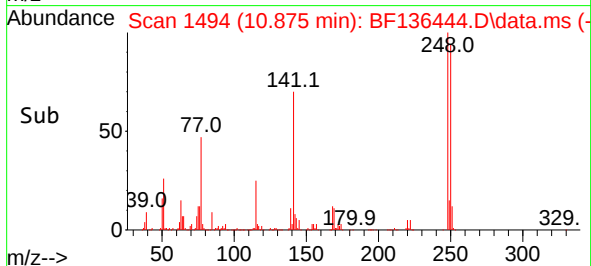


Tgt Ion:248 Resp: 264700
Ion Ratio Lower Upper
248 100
250 94.5 76.2 114.2
141 70.3 51.0 76.4

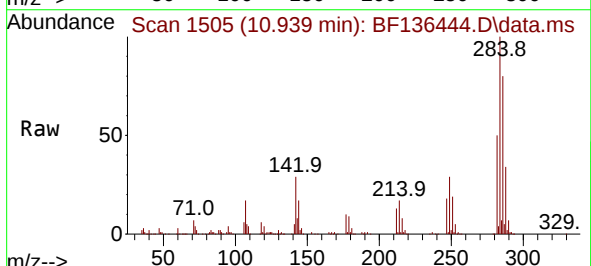
Manual Integrations

APPROVED

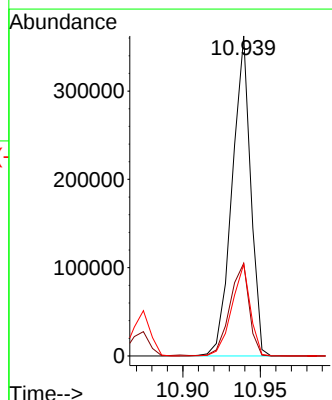
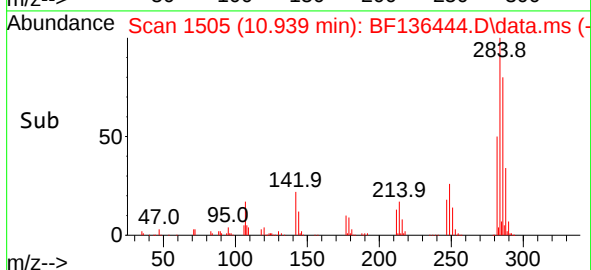
Reviewed By :Yogesh Patel 12/08/2023
Supervised By :mohammad ahmed 12/08/2023

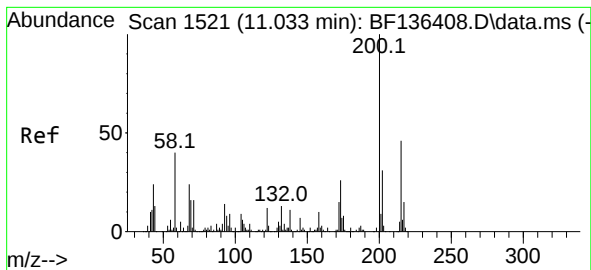


#68
Hexachlorobenzene
Concen: 42.179 ng
RT: 10.939 min Scan# 1505
Delta R.T. 0.006 min
Lab File: BF136444.D
Acq: 07 Dec 2023 13:22



Tgt Ion:284 Resp: 300991
Ion Ratio Lower Upper
284 100
142 28.9 26.5 39.7
249 28.7 23.4 35.0





#69

Atrazine

Concen: 36.995 ng

RT: 11.033 min Scan# 1521

Delta R.T. -0.000 min

Lab File: BF136444.D

Acq: 07 Dec 2023 13:22

Instrument :

BNA_F

ClientSampleId :

PB157532BS

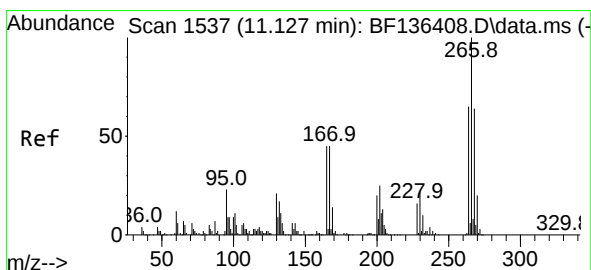
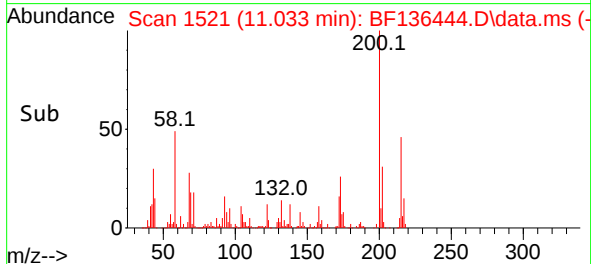
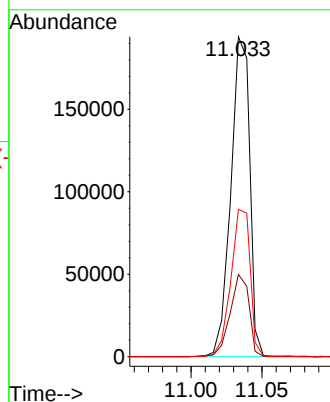
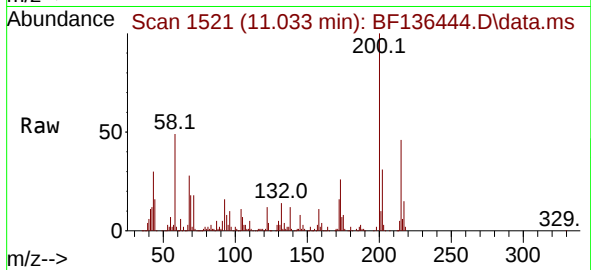
Tgt Ion:200 Resp: 179924
 Ion Ratio Lower Upper
 200 100
 173 25.7 6.0 46.0
 215 46.1 25.5 65.5

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 12/08/2023

Supervised By :mohammad ahmed 12/08/2023



#70

Pentachlorophenol

Concen: 80.688 ng

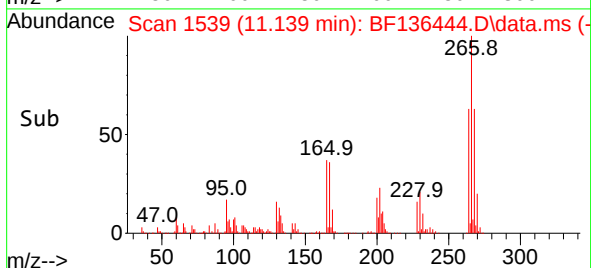
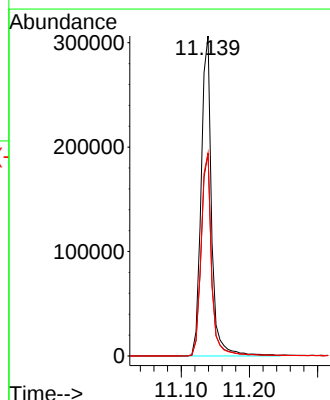
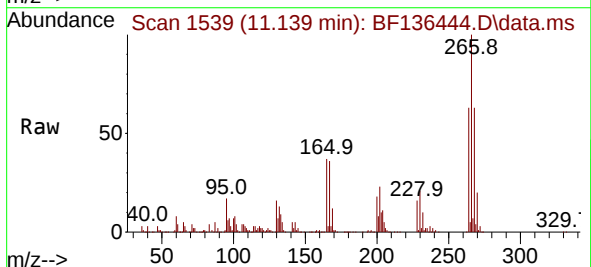
RT: 11.139 min Scan# 1539

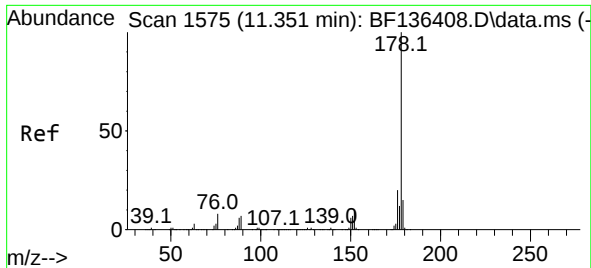
Delta R.T. 0.012 min

Lab File: BF136444.D

Acq: 07 Dec 2023 13:22

Tgt Ion:266 Resp: 324963
 Ion Ratio Lower Upper
 266 100
 268 63.3 51.0 76.6
 264 63.5 52.2 78.4





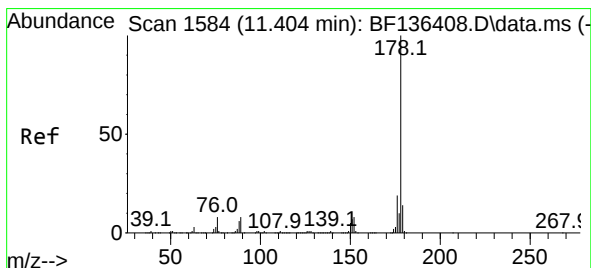
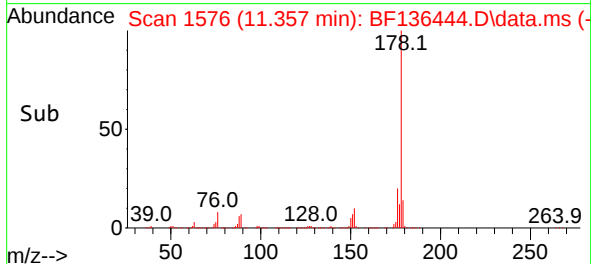
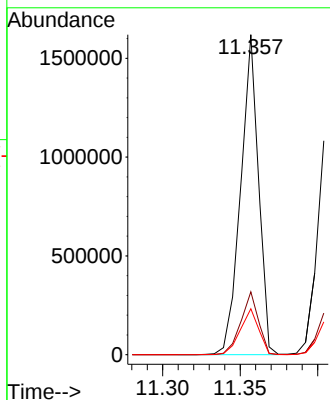
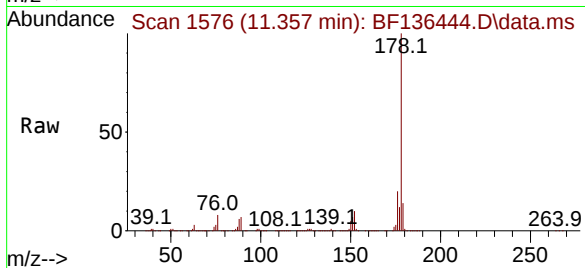
#71
Phenanthrene
Concen: 44.455 ng
RT: 11.357 min Scan# 1575
Delta R.T. 0.006 min
Lab File: BF136444.D
Acq: 07 Dec 2023 13:22

Instrument :
BNA_F
ClientSampleId :
PB157532BS

Tgt Ion:178 Resp: 129756
Ion Ratio Lower Upper
178 100
176 19.7 15.9 23.9
179 14.4 11.8 17.6

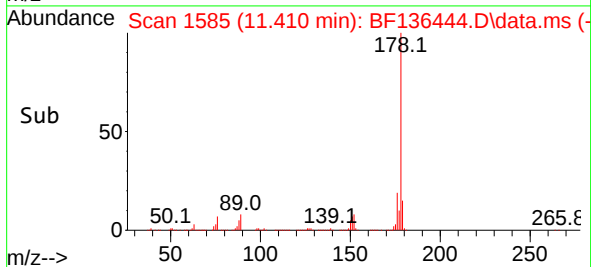
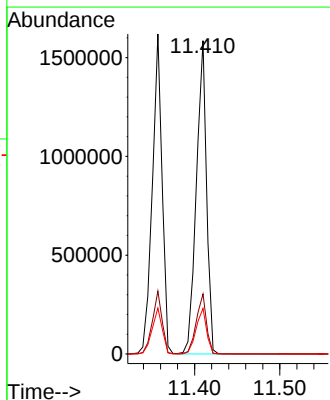
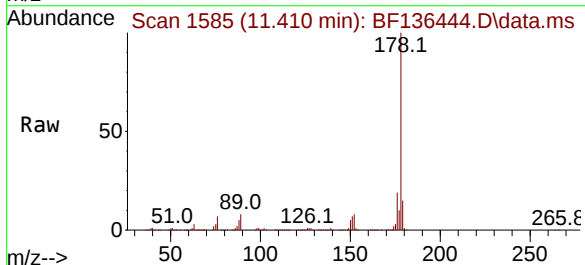
Manual Integrations
APPROVED

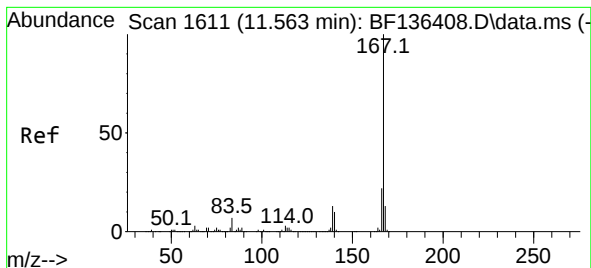
Reviewed By :Yogesh Patel 12/08/2023
Supervised By :mohammad ahmed 12/08/2023



#72
Anthracene
Concen: 44.952 ng
RT: 11.410 min Scan# 1585
Delta R.T. 0.006 min
Lab File: BF136444.D
Acq: 07 Dec 2023 13:22

Tgt Ion:178 Resp: 1321541
Ion Ratio Lower Upper
178 100
176 19.2 15.3 22.9
179 14.5 11.4 17.0





#73

Carbazole

Concen: 45.189 ng

RT: 11.569 min Scan# 1612

Delta R.T. 0.006 min

Lab File: BF136444.D

Acq: 07 Dec 2023 13:22

Instrument :

BNA_F

ClientSampleId :

PB157532BS

Tgt Ion:167 Resp: 117583

Ion Ratio Lower Upper

167 100

166 22.2 18.0 27.0

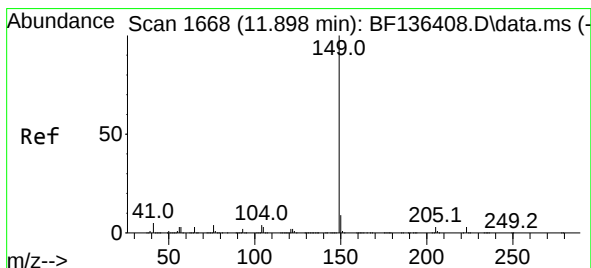
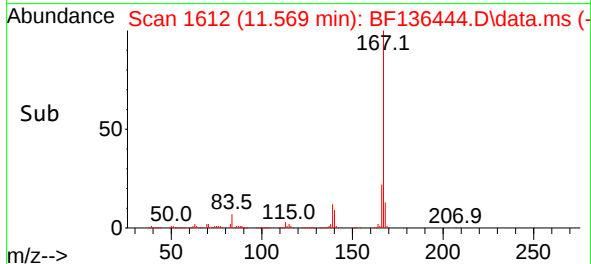
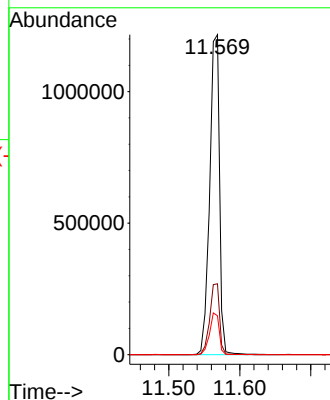
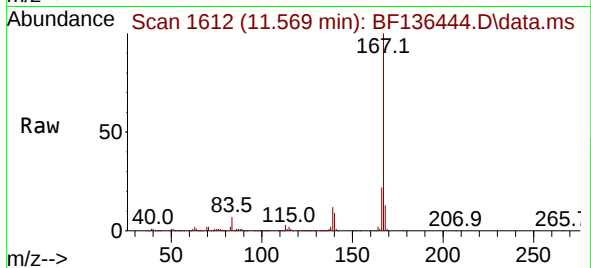
139 12.2 10.2 15.4

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 12/08/2023

Supervised By :mohammad ahmed 12/08/2023



#74

Di-n-butylphthalate

Concen: 44.621 ng

RT: 11.898 min Scan# 1668

Delta R.T. -0.000 min

Lab File: BF136444.D

Acq: 07 Dec 2023 13:22

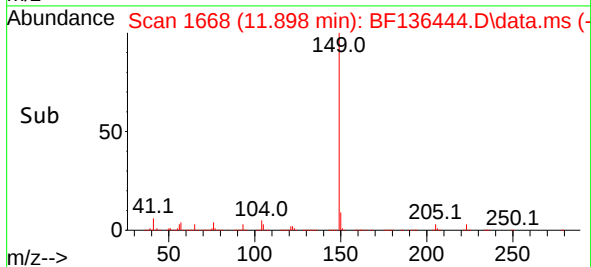
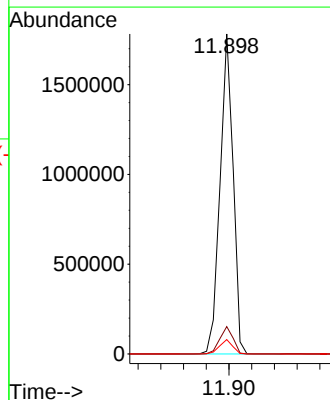
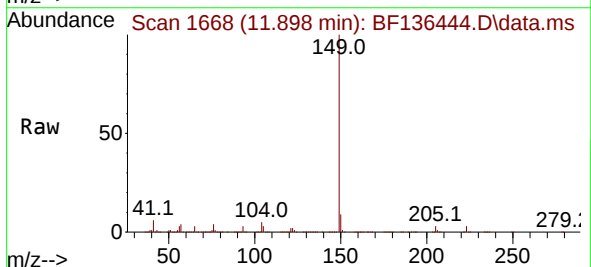
Tgt Ion:149 Resp: 1423337

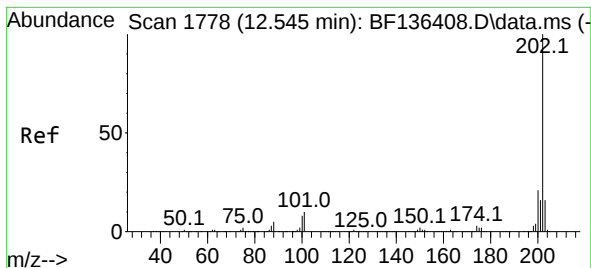
Ion Ratio Lower Upper

149 100

150 8.6 6.9 10.3

104 4.5 3.5 5.3





#75

Fluoranthene

Concen: 44.149 ng

RT: 12.551 min Scan# 1

Delta R.T. 0.006 min

Lab File: BF136444.D

Acq: 07 Dec 2023 13:22

Instrument :

BNA_F

ClientSampleId :

PB157532BS

Tgt Ion:202 Resp: 135040

Ion Ratio Lower Upper

202 100

101 9.7 0.0 29.9

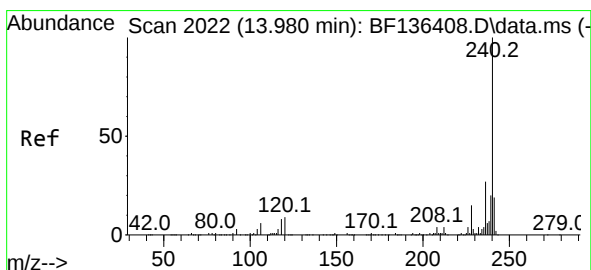
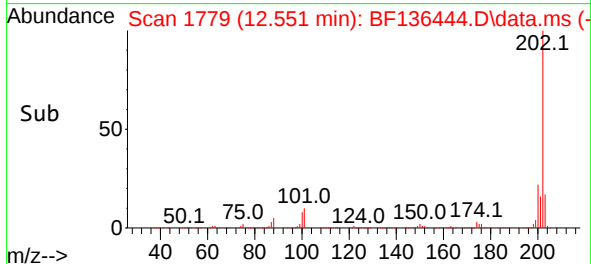
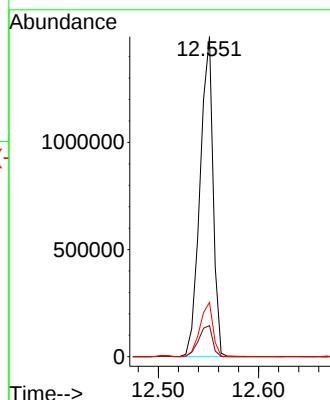
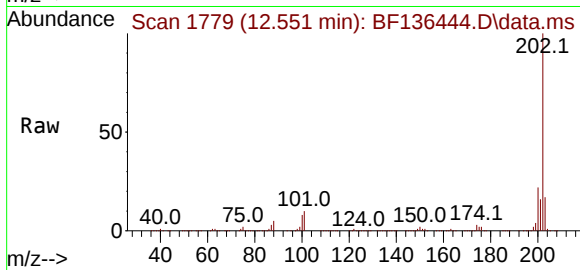
203 16.9 0.0 36.3

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 12/08/2023

Supervised By :mohammad ahmed 12/08/2023



#76

Chrysene-d12

Concen: 20.000 ng

RT: 13.986 min Scan# 2023

Delta R.T. 0.006 min

Lab File: BF136444.D

Acq: 07 Dec 2023 13:22

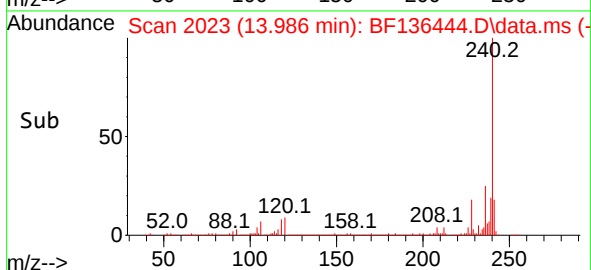
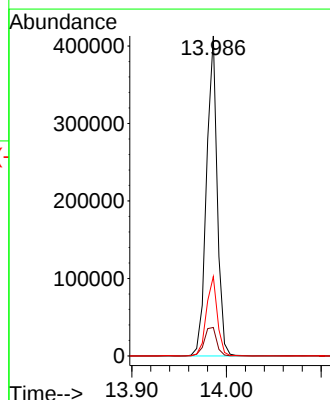
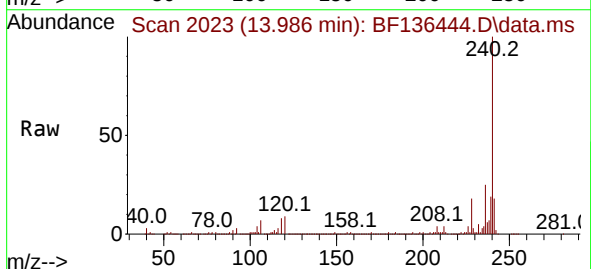
Tgt Ion:240 Resp: 324448

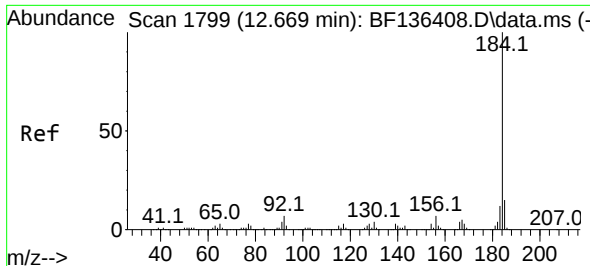
Ion Ratio Lower Upper

240 100

120 8.9 7.3 10.9

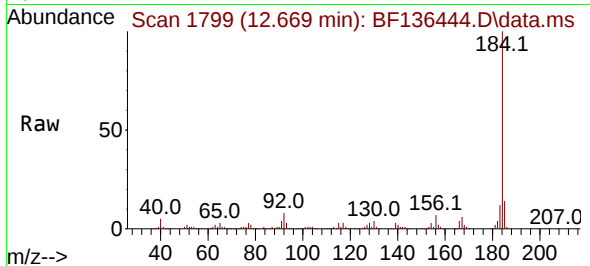
236 24.8 21.3 31.9





#77
Benzidine
Concen: 35.213 ng
RT: 12.669 min Scan# 1799
Delta R.T. -0.000 min
Lab File: BF136444.D
Acq: 07 Dec 2023 13:22

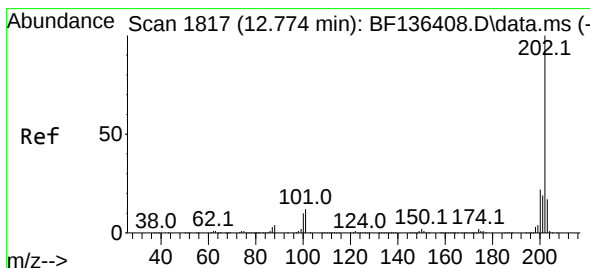
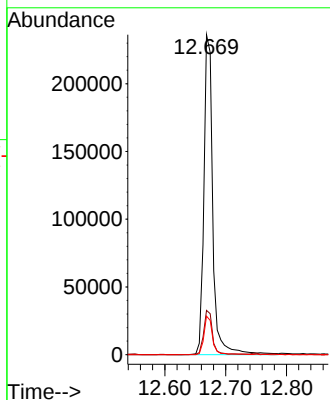
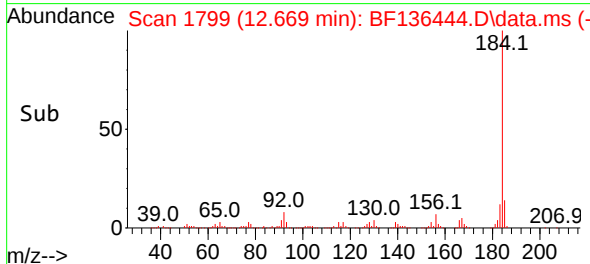
Instrument :
BNA_F
ClientSampleId :
PB157532BS



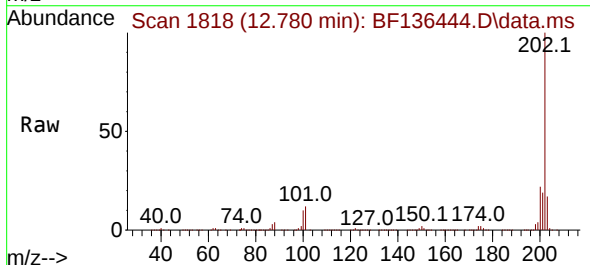
Tgt Ion:184 Resp: 239597
Ion Ratio Lower Upper
184 100
185 13.9 12.0 18.0
183 12.0 9.4 14.0

Manual Integrations
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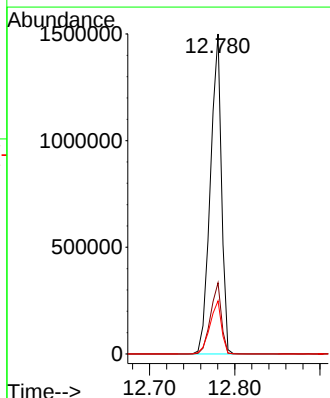
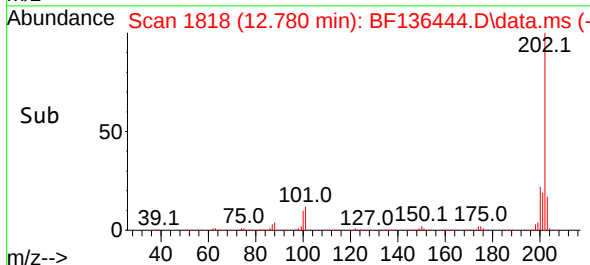
Reviewed By :Yogesh Patel 12/08/2023
Supervised By :mohammad ahmed 12/08/2023

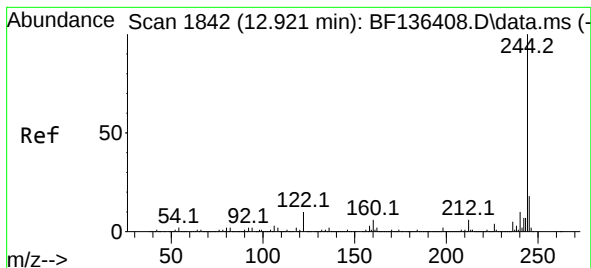


#78
Pyrene
Concen: 42.901 ng
RT: 12.780 min Scan# 1818
Delta R.T. 0.006 min
Lab File: BF136444.D
Acq: 07 Dec 2023 13:22



Tgt Ion:202 Resp: 1363173
Ion Ratio Lower Upper
202 100
200 22.3 18.0 27.0
203 16.6 13.5 20.3





#79

Terphenyl-d14

Concen: 83.840 ng

RT: 12.927 min Scan# 1843

Delta R.T. 0.006 min

Lab File: BF136444.D

Acq: 07 Dec 2023 13:22

Instrument :

BNA_F

ClientSampleId :

PB157532BS

Tgt Ion:244 Resp: 2063800

Ion Ratio Lower Upper

244 100

212 6.2 5.0 7.4

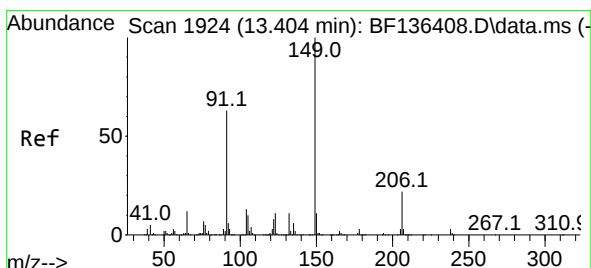
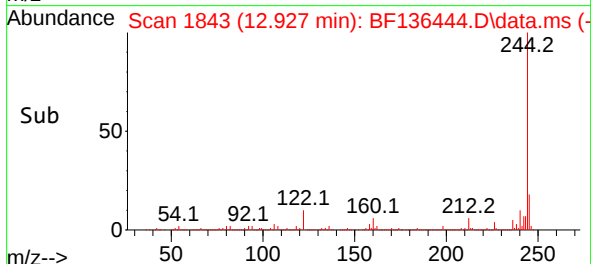
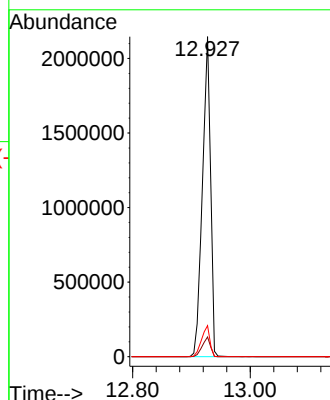
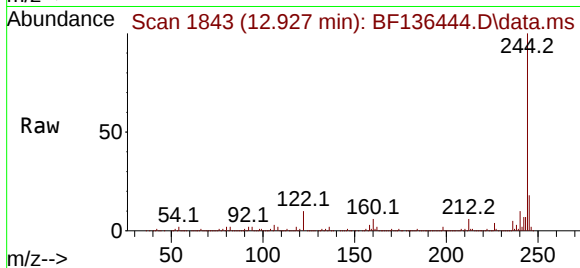
122 9.7 8.3 12.5

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 12/08/2023

Supervised By :mohammad ahmed 12/08/2023



#80

Butylbenzylphthalate

Concen: 47.512 ng

RT: 13.404 min Scan# 1924

Delta R.T. -0.000 min

Lab File: BF136444.D

Acq: 07 Dec 2023 13:22

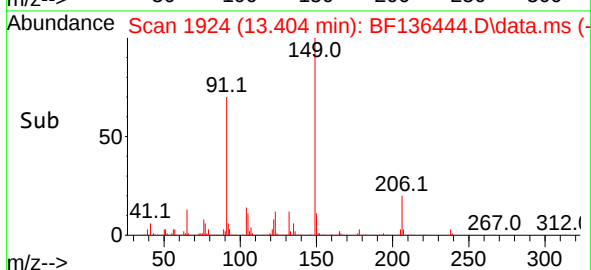
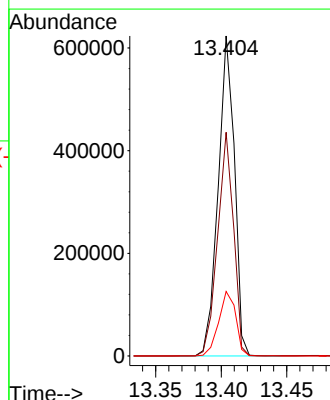
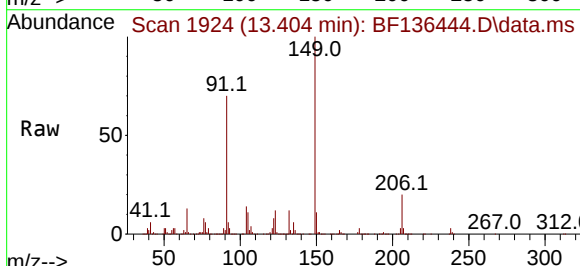
Tgt Ion:149 Resp: 537431

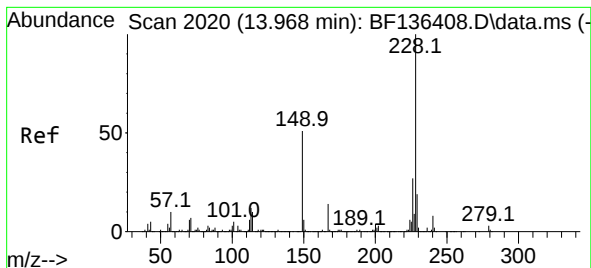
Ion Ratio Lower Upper

149 100

91 69.9 50.5 75.7

206 20.1 17.4 26.2





#81

Benzo(a)anthracene

Concen: 44.345 ng

RT: 13.974 min Scan# 2021

Delta R.T. 0.006 min

Lab File: BF136444.D

Acq: 07 Dec 2023 13:22

Instrument :

BNA_F

ClientSampleId :

PB157532BS

Tgt Ion:228 Resp: 1002184

Ion Ratio Lower Upper

228 100

226 27.5 21.8 32.8

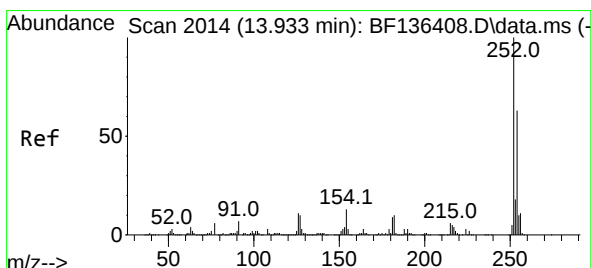
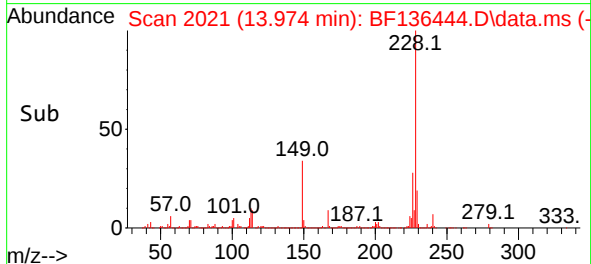
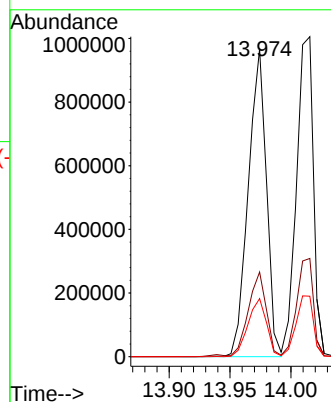
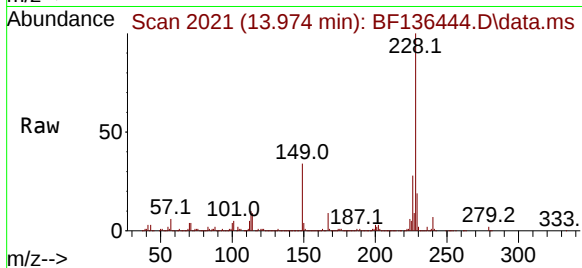
229 18.9 15.0 22.4

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 12/08/2023

Supervised By :mohammad ahmed 12/08/2023



#82

3,3'-Dichlorobenzidine

Concen: 51.745 ng

RT: 13.939 min Scan# 2015

Delta R.T. 0.006 min

Lab File: BF136444.D

Acq: 07 Dec 2023 13:22

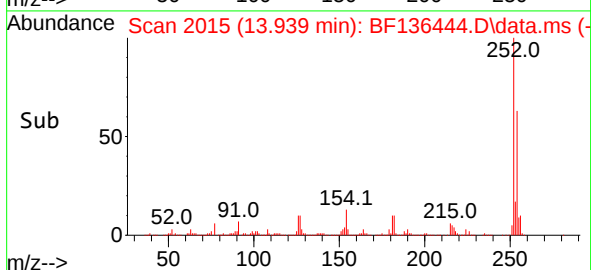
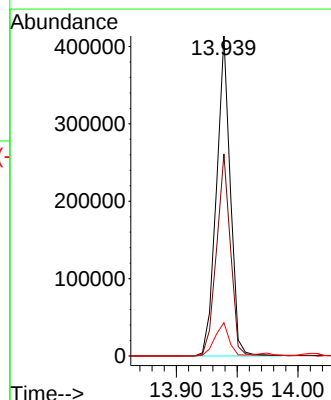
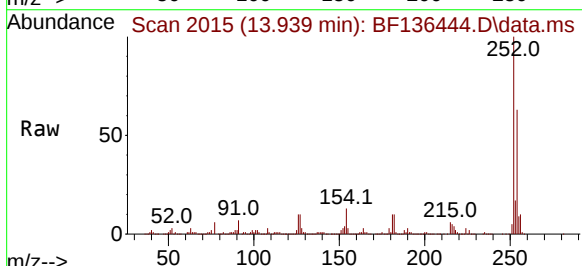
Tgt Ion:252 Resp: 327888

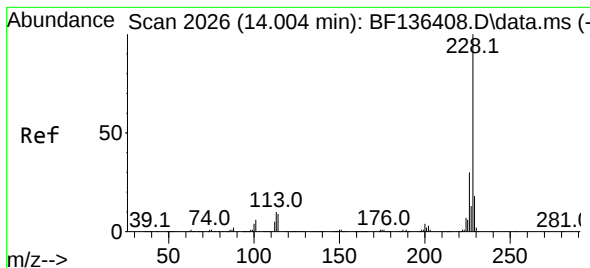
Ion Ratio Lower Upper

252 100

254 63.1 50.8 76.2

126 10.4 8.6 12.8





#83

Chrysene

Concen: 43.706 ng

RT: 14.015 min Scan# 2026

Delta R.T. 0.012 min

Lab File: BF136444.D

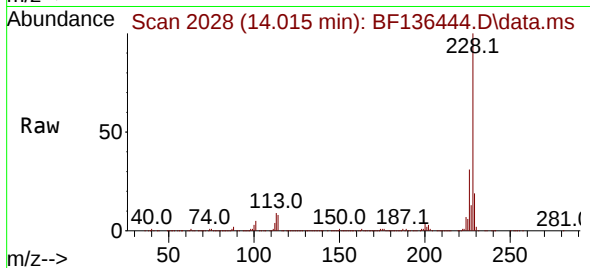
Acq: 07 Dec 2023 13:22

Instrument :

BNA_F

ClientSampleId :

PB157532BS



Tgt Ion:228 Resp: 971819

Ion Ratio Lower Upper

228 100

226 30.7 23.8 35.6

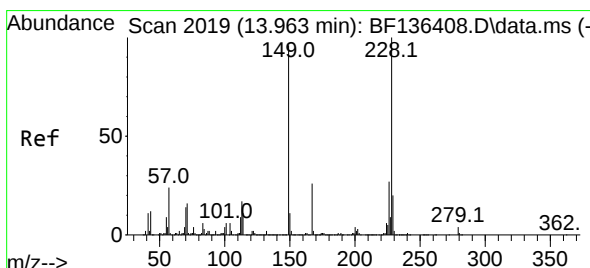
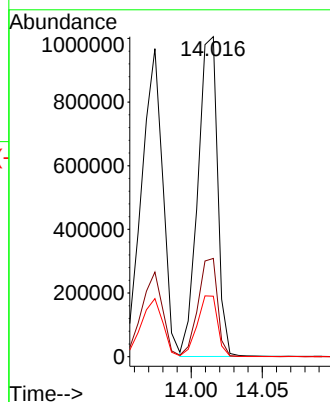
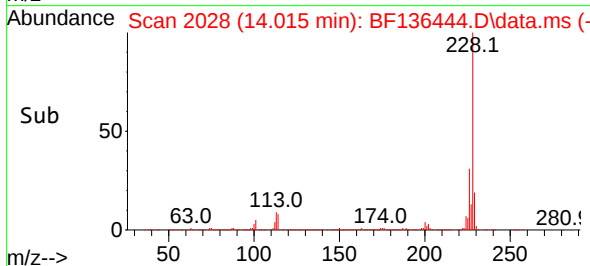
229 18.9 14.8 22.2

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 12/08/2023

Supervised By :mohammad ahmed 12/08/2023



#84

Bis(2-ethylhexyl)phthalate

Concen: 49.665 ng

RT: 13.968 min Scan# 2020

Delta R.T. 0.006 min

Lab File: BF136444.D

Acq: 07 Dec 2023 13:22

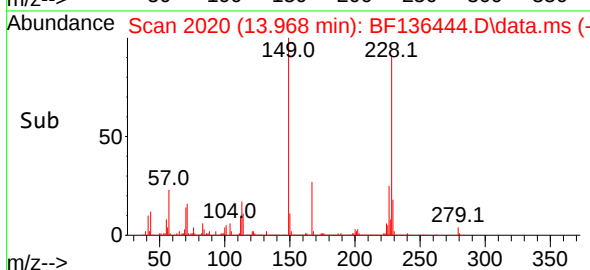
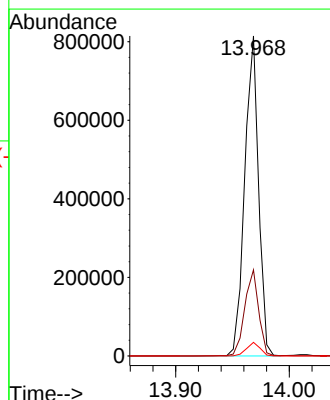
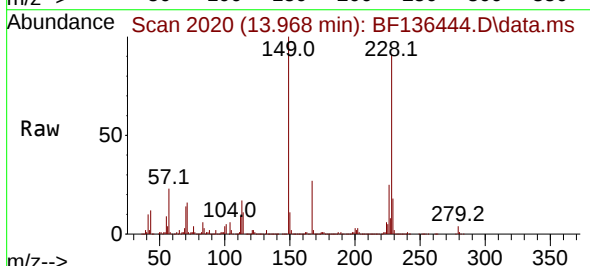
Tgt Ion:149 Resp: 688684

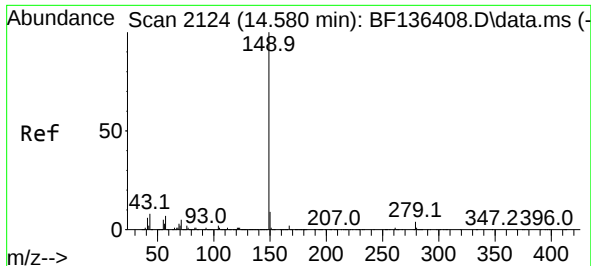
Ion Ratio Lower Upper

149 100

167 26.9 21.2 31.8

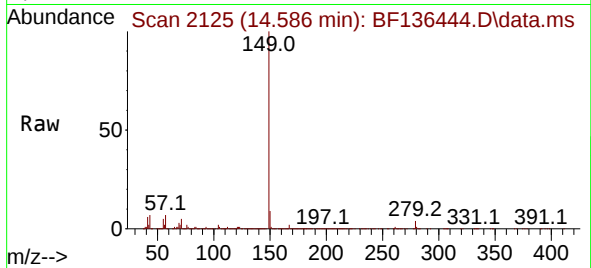
279 4.3 3.1 4.7





#85
Di-n-octyl phthalate
Concen: 51.105 ng
RT: 14.586 min Scan# 2124
Delta R.T. 0.006 min
Lab File: BF136444.D
Acq: 07 Dec 2023 13:22

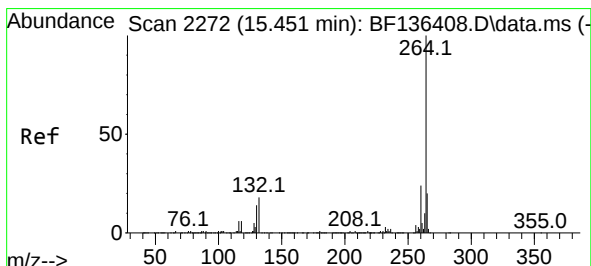
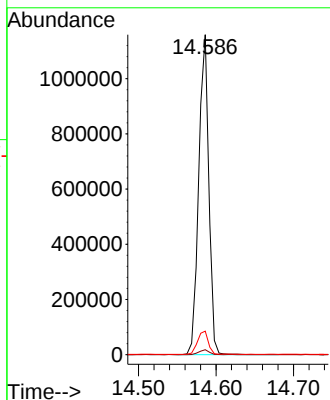
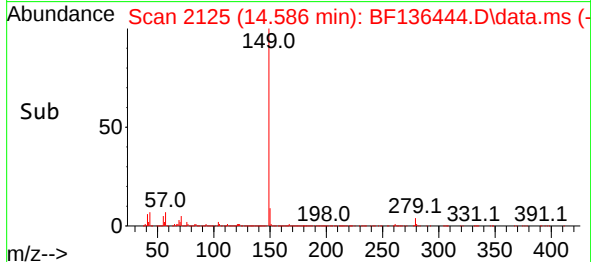
Instrument :
BNA_F
ClientSampleId :
PB157532BS



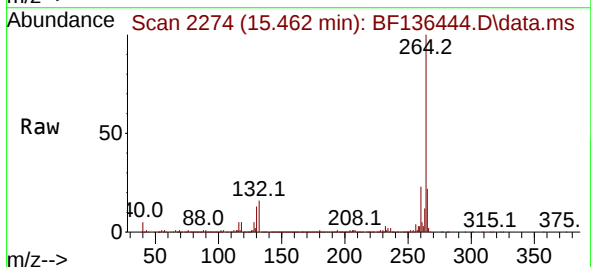
Tgt Ion:149 Resp: 1046750
Ion Ratio Lower Upper
149 100
167 1.5 1.3 1.9
43 7.8 6.8 10.2

Manual Integrations
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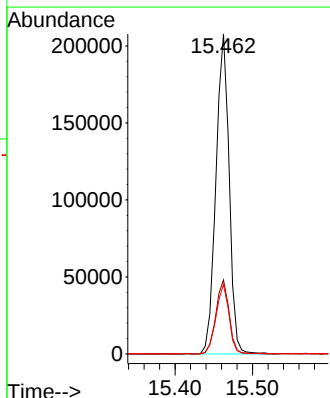
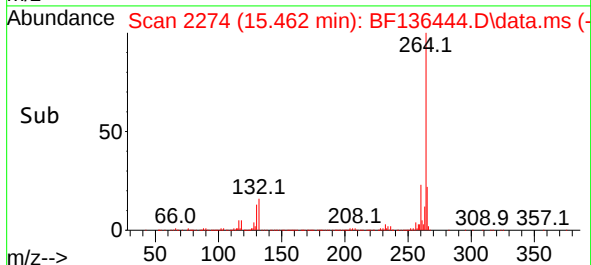
Reviewed By :Yogesh Patel 12/08/2023
Supervised By :mohammad ahmed 12/08/2023

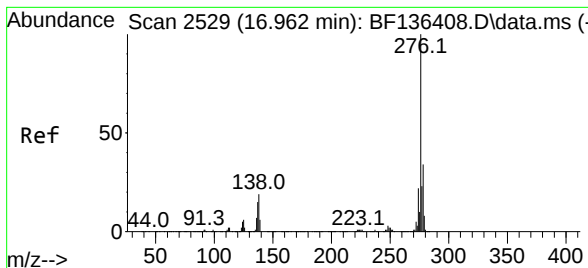


#86
Perylene-d12
Concen: 20.000 ng
RT: 15.462 min Scan# 2274
Delta R.T. 0.012 min
Lab File: BF136444.D
Acq: 07 Dec 2023 13:22



Tgt Ion:264 Resp: 246230
Ion Ratio Lower Upper
264 100
260 23.1 19.2 28.8
265 21.8 15.9 23.9





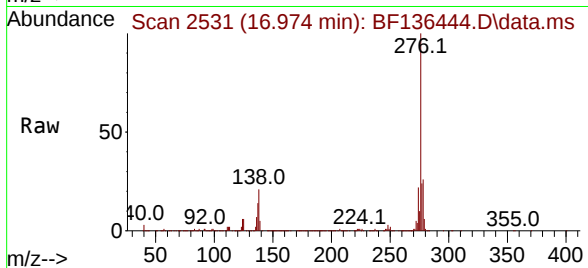
#87
Indeno(1,2,3-cd)pyrene
Concen: 50.095 ng
RT: 16.974 min Scan# 21
Delta R.T. 0.012 min
Lab File: BF136444.D
Acq: 07 Dec 2023 13:22

Instrument :

BNA_F

ClientSampleId :

PB157532BS

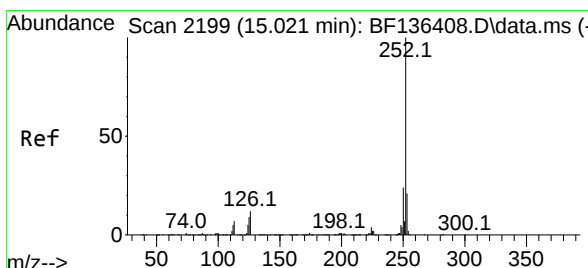
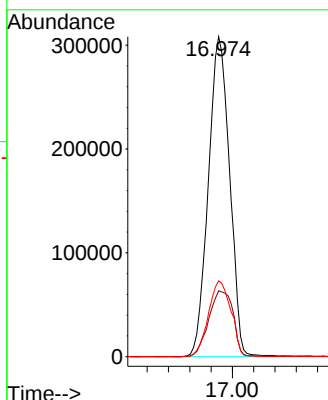
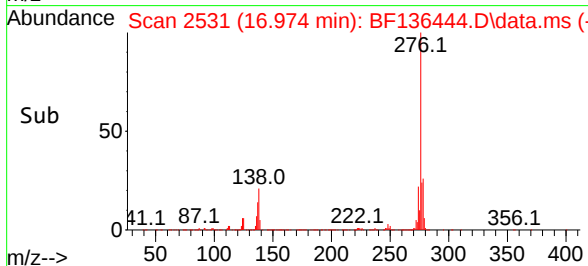


Tgt Ion:276 Resp: 856929
Ion Ratio Lower Upper
276 100
138 23.7 19.0 28.4
277 25.2 20.0 30.0

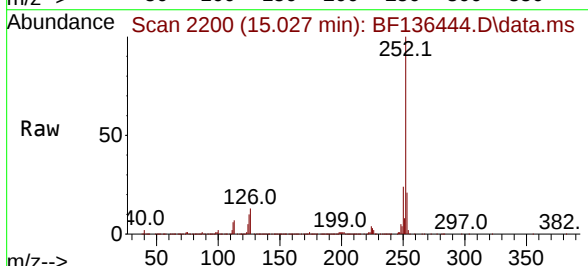
Manual Integrations

APPROVED

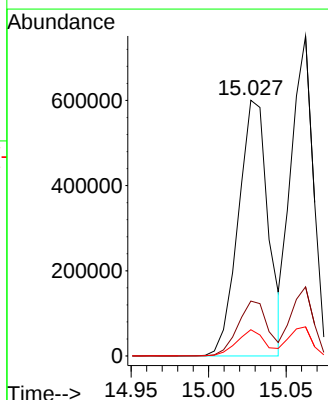
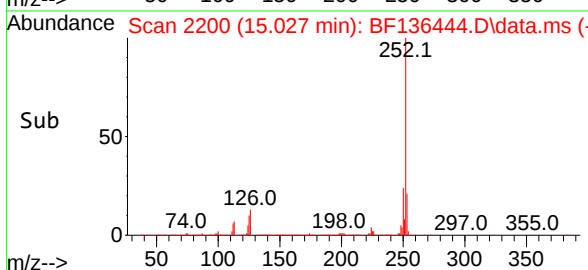
Reviewed By :Yogesh Patel 12/08/2023
Supervised By :mohammad ahmed 12/08/2023

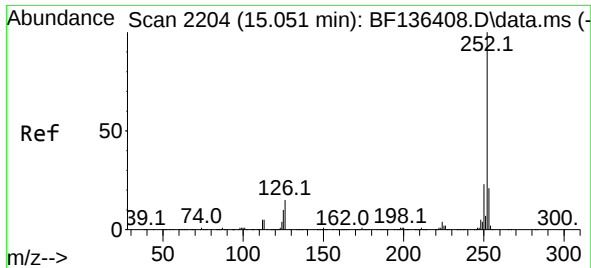


#88
Benzo(b)fluoranthene
Concen: 47.927 ng
RT: 15.027 min Scan# 2200
Delta R.T. 0.006 min
Lab File: BF136444.D
Acq: 07 Dec 2023 13:22



Tgt Ion:252 Resp: 806877
Ion Ratio Lower Upper
252 100
253 21.4 16.9 25.3
125 10.2 7.4 11.2





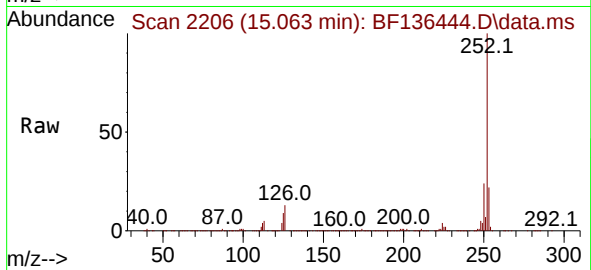
#89
Benzo(k)fluoranthene
Concen: 47.364 ng
RT: 15.063 min Scan# 2206
Delta R.T. 0.012 min
Lab File: BF136444.D
Acq: 07 Dec 2023 13:22

Instrument :

BNA_F

ClientSampleId :

PB157532BS

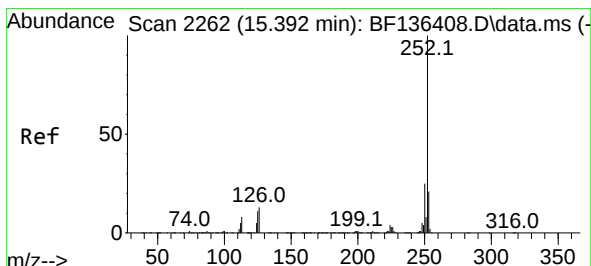
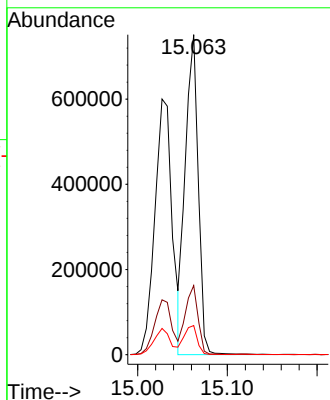
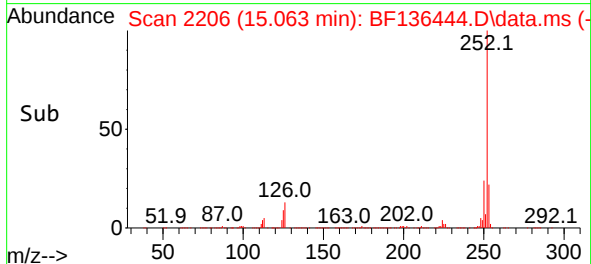


Tgt Ion:252 Resp: 751478
Ion Ratio Lower Upper
252 100
253 21.6 16.9 25.3
125 9.1 7.5 11.3

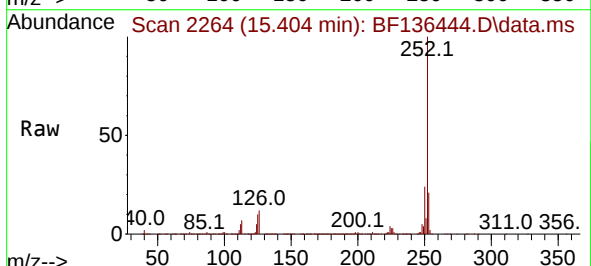
Manual Integrations

APPROVED

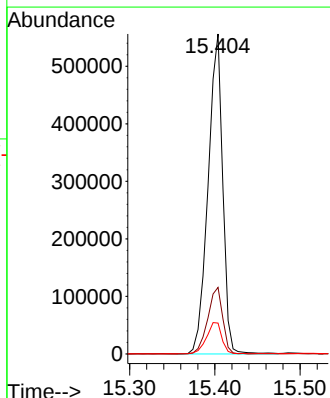
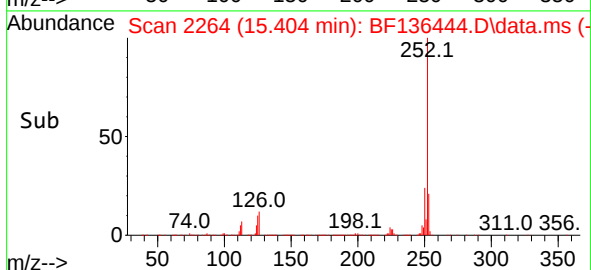
Reviewed By :Yogesh Patel 12/08/2023
Supervised By :mohammad ahmed 12/08/2023

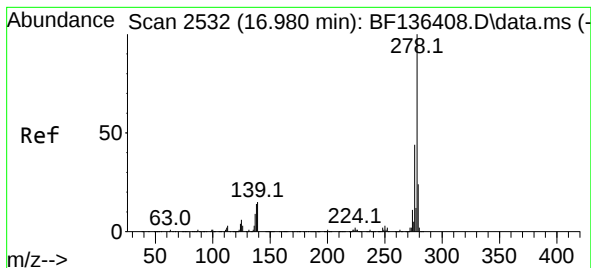


#90
Benzo(a)pyrene
Concen: 47.707 ng
RT: 15.404 min Scan# 2264
Delta R.T. 0.012 min
Lab File: BF136444.D
Acq: 07 Dec 2023 13:22



Tgt Ion:252 Resp: 663292
Ion Ratio Lower Upper
252 100
253 20.8 17.0 25.4
125 9.7 8.6 13.0





#91

Dibenzo(a,h)anthracene

Concen: 50.994 ng

RT: 16.998 min Scan# 2535

Delta R.T. 0.018 min

Lab File: BF136444.D

Acq: 07 Dec 2023 13:22

Instrument :

BNA_F

ClientSampleId :

PB157532BS

Tgt Ion:278 Resp: 71463

Ion Ratio Lower Upper

278 100

139 15.0 12.2 18.4

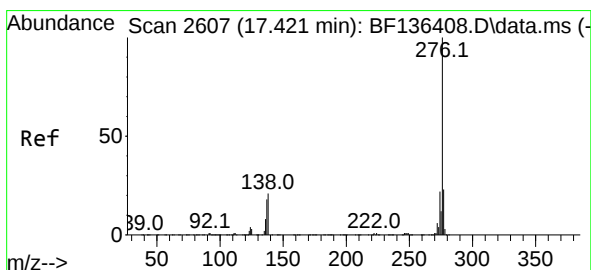
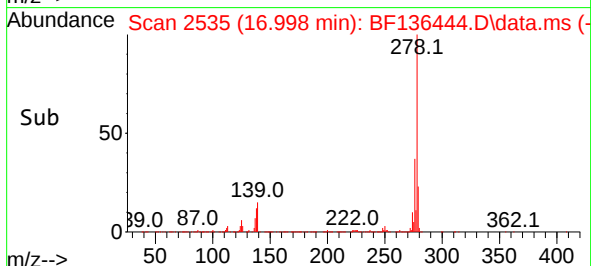
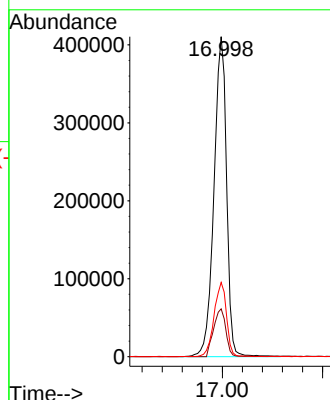
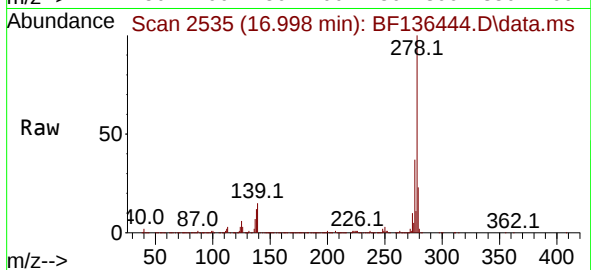
279 23.2 19.0 28.4

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 12/08/2023

Supervised By :mohammad ahmed 12/08/2023



#92

Benzo(g,h,i)perylene

Concen: 50.010 ng

RT: 17.439 min Scan# 2610

Delta R.T. 0.018 min

Lab File: BF136444.D

Acq: 07 Dec 2023 13:22

Tgt Ion:276 Resp: 719342

Ion Ratio Lower Upper

276 100

277 23.8 18.7 28.1

138 19.8 16.6 25.0

