

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF120523\
 Data File : BF136408.D
 Acq On : 05 Dec 2023 16:05
 Operator : CG\JU
 Sample : SSTDICCC040
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SSTDICCC040

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 12/07/2023
 Supervised By :mohammad ahmed 12/07/2023

Quant Time: Dec 06 09:35:05 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 09:31:19 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.804	152	122220	20.000	ng	0.00
21) Naphthalene-d8	8.081	136	499492	20.000	ng	0.00
39) Acenaphthene-d10	9.839	164	262580	20.000	ng	0.00
64) Phenanthrene-d10	11.327	188	499511	20.000	ng	0.00
76) Chrysene-d12	13.980	240	294765	20.000	ng	0.00
86) Perylene-d12	15.451	264	235965	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.434	112	688754	83.225	ng	0.00
7) Phenol-d6	6.445	99	857594	83.057	ng	0.00
23) Nitrobenzene-d5	7.369	82	777375	84.136	ng	0.00
42) 2,4,6-Tribromophenol	10.633	330	272345	84.119	ng	0.00
45) 2-Fluorobiphenyl	9.163	172	1582063	82.212	ng	0.00
79) Terphenyl-d14	12.921	244	1854978	82.946	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	2.575	88	137043	41.866	ng	100
3) Pyridine	3.340	79	340894	43.004	ng	100
4) n-Nitrosodimethylamine	3.310	42	146454	42.525	ng	100
6) Aniline	6.469	93	441215	42.282	ng	100
8) 2-Chlorophenol	6.592	128	374896	41.495	ng	100
9) Benzaldehyde	6.357	77	222488	43.501	ng	100
10) Phenol	6.457	94	458408	41.722	ng	100
11) bis(2-Chloroethyl)ether	6.545	93	337998	41.271	ng	100
12) 1,3-Dichlorobenzene	6.745	146	422609	41.593	ng	100
13) 1,4-Dichlorobenzene	6.822	146	427608	41.487	ng	100
14) 1,2-Dichlorobenzene	6.975	146	400882	41.361	ng	100
15) Benzyl Alcohol	6.945	79	292956	42.370	ng	100
16) 2,2'-oxybis(1-Chloropr...	7.081	45	435531	41.349	ng	100
17) 2-Methylphenol	7.057	107	307320	42.103	ng	100
18) Hexachloroethane	7.310	117	151353	42.060	ng	100
19) n-Nitroso-di-n-propyla...	7.222	70	249304	41.856	ng	100
20) 3+4-Methylphenols	7.210	107	374869	41.376	ng	100
22) Acetophenone	7.216	105	510609	41.397	ng	100
24) Nitrobenzene	7.387	77	387329	41.672	ng	100
25) Isophorone	7.622	82	696463	41.956	ng	100
26) 2-Nitrophenol	7.698	139	196338	42.967	ng	100
27) 2,4-Dimethylphenol	7.739	122	237682	42.184	ng	100
28) bis(2-Chloroethoxy)met...	7.834	93	423745	41.543	ng	100
29) 2,4-Dichlorophenol	7.939	162	315505	42.423	ng	100
30) 1,2,4-Trichlorobenzene	8.022	180	363910	41.963	ng	100
31) Naphthalene	8.104	128	1149557	41.734	ng	100
32) Benzoic acid	7.869	122	246366	43.971	ng	100
33) 4-Chloroaniline	8.157	127	416377	42.401	ng	100
34) Hexachlorobutadiene	8.216	225	214543	41.744	ng	100
35) Caprolactam	8.534	113	96554	42.158	ng	100
36) 4-Chloro-3-methylphenol	8.639	107	333052	42.177	ng	100
37) 2-Methylnaphthalene	8.792	142	724663	41.353	ng	100
38) 1-Methylnaphthalene	8.892	142	713122	41.471	ng	100
40) 1,2,4,5-Tetrachloroben...	8.957	216	337599	41.326	ng	100
41) Hexachlorocyclopentadiene	8.945	237	130871	43.242	ng	100
43) 2,4,6-Trichlorophenol	9.075	196	222673	41.862	ng	100

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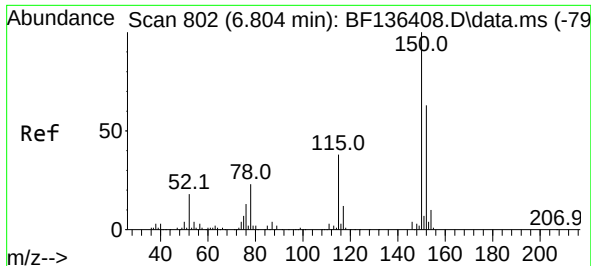
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.110	196	250124	42.131	ng	100
46) 1,1'-Biphenyl	9.263	154	922821	41.303	ng	100
47) 2-Chloronaphthalene	9.286	162	716203	41.185	ng	100
48) 2-Nitroaniline	9.381	65	198329	42.523	ng	100
49) Acenaphthylene	9.698	152	1026268	41.428	ng	100
50) Dimethylphthalate	9.569	163	800275	41.396	ng	100
51) 2,6-Dinitrotoluene	9.628	165	182443	41.949	ng	100
52) Acenaphthene	9.875	154	656254m	41.349	ng	
53) 3-Nitroaniline	9.798	138	186956	42.096	ng	100
54) 2,4-Dinitrophenol	9.904	184	99092	45.064	ng	100
55) Dibenzofuran	10.045	168	956775	41.257	ng	100
56) 4-Nitrophenol	9.957	139	146818	44.098	ng	100
57) 2,4-Dinitrotoluene	10.033	165	243225	42.275	ng	100
58) Fluorene	10.386	166	762011	40.934	ng	100
59) 2,3,4,6-Tetrachlorophenol	10.163	232	199833	42.022	ng	100
60) Diethylphthalate	10.269	149	791446	41.634	ng	100
61) 4-Chlorophenyl-phenyle...	10.380	204	368521	40.608	ng	100
62) 4-Nitroaniline	10.416	138	191118	43.338	ng	100
63) Azobenzene	10.545	77	718094	41.501	ng	100
65) 4,6-Dinitro-2-methylph...	10.439	198	141056	45.597	ng	100
66) n-Nitrosodiphenylamine	10.504	169	653230	40.755	ng	100
67) 4-Bromophenyl-phenylether	10.875	248	242524	41.760	ng	100
68) Hexachlorobenzene	10.933	284	277006	41.268	ng	100
69) Atrazine	11.033	200	177122	38.718	ng	100
70) Pentachlorophenol	11.127	266	162560	42.911	ng	100
71) Phenanthrene	11.351	178	1128725	41.111	ng	100
72) Anthracene	11.404	178	1140216	41.232	ng	100
73) Carbazole	11.563	167	1018076	41.596	ng	100
74) Di-n-butylphthalate	11.898	149	1251931	41.725	ng	100
75) Fluoranthene	12.545	202	1193823	41.493	ng	100
77) Benzidine	12.669	184	249505	38.257	ng	100
78) Pyrene	12.774	202	1207219	41.818	ng	100
80) Butylbenzylphthalate	13.404	149	440620	42.876	ng	100
81) Benzo(a)anthracene	13.968	228	836599	40.746	ng	100
82) 3,3'-Dichlorobenzidine	13.933	252	233490	40.559	ng	100
83) Chrysene	14.004	228	835621	41.366	ng	100
84) Bis(2-ethylhexyl)phtha...	13.963	149	538590	42.752	ng	100
85) Di-n-octyl phthalate	14.580	149	789836	42.445	ng	100
87) Indeno(1,2,3-cd)pyrene	16.962	276	724205	44.178	ng	100
88) Benzo(b)fluoranthene	15.021	252	648901	40.221	ng	100
89) Benzo(k)fluoranthene	15.051	252	643345	42.313	ng	100
90) Benzo(a)pyrene	15.392	252	556097	41.737	ng	100
91) Dibenzo(a,h)anthracene	16.980	278	590295	43.954	ng	100
92) Benzo(g,h,i)perylene	17.421	276	609921	44.247	ng	100

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

Manual Integrations

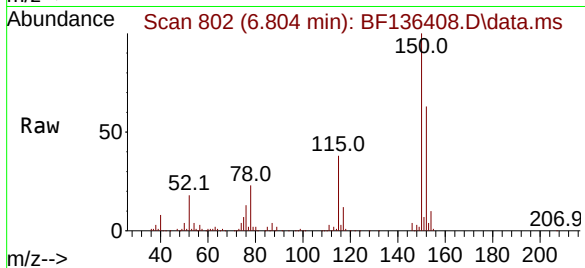
Reviewed By :Yogesh Patel 12/07/2023
Supervised By :mohammad ahmed 12/07/2023

[illegible]



#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.804 min Scan# 80
 Delta R.T. 0.000 min
 Lab File: BF136408.D
 Acq: 05 Dec 2023 16:05

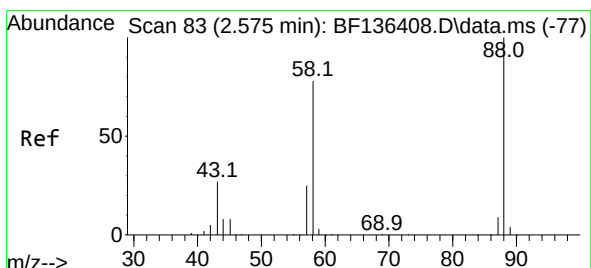
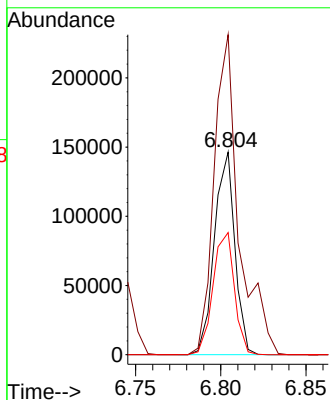
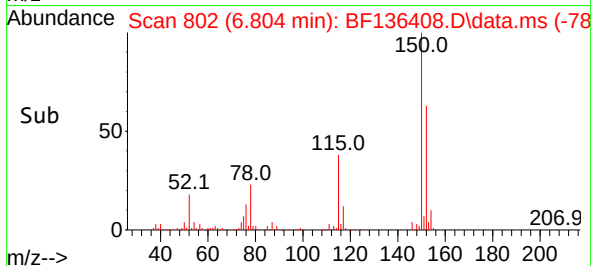
Instrument :
 BNA_F
 ClientSampleId :
 SSTDICC040



Tgt Ion:152 Resp: 122220
 Ion Ratio Lower Upper
 152 100
 150 158.0 126.4 189.6
 115 60.3 48.2 72.4

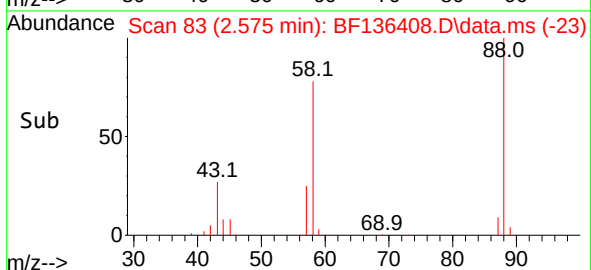
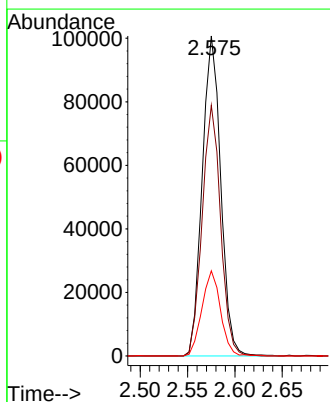
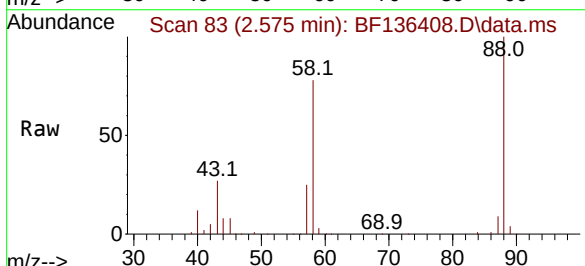
Manual Integrations
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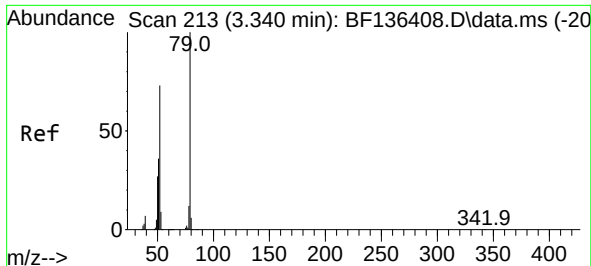
Reviewed By :Yogesh Patel 12/07/2023
 Supervised By :mohammad ahmed 12/07/2023



#2
 1,4-Dioxane
 Concen: 41.866 ng
 RT: 2.575 min Scan# 83
 Delta R.T. 0.000 min
 Lab File: BF136408.D
 Acq: 05 Dec 2023 16:05

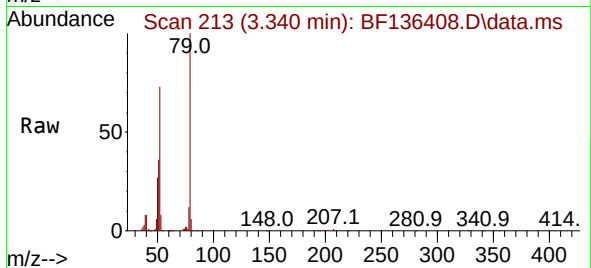
Tgt Ion: 88 Resp: 137043
 Ion Ratio Lower Upper
 88 100
 58 77.7 62.2 93.2
 43 26.9 21.5 32.3





#3
Pyridine
Concen: 43.004 ng
RT: 3.340 min Scan# 213
Delta R.T. 0.000 min
Lab File: BF136408.D
Acq: 05 Dec 2023 16:05

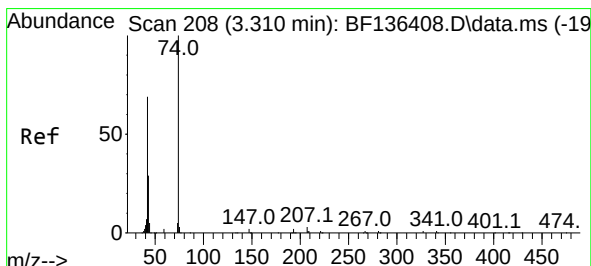
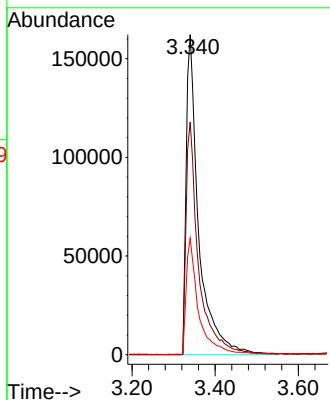
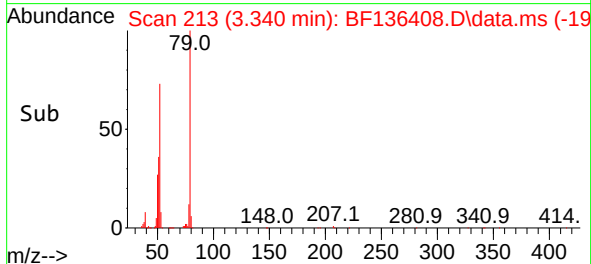
Instrument :
BNA_F
ClientSampleId :
SSTDICCC040



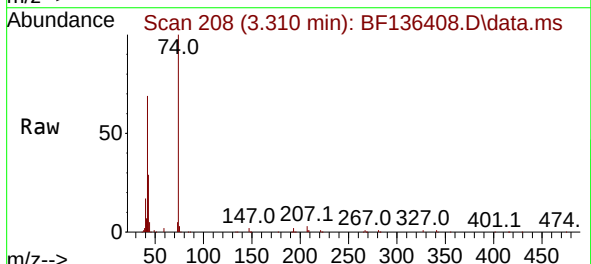
Tgt Ion: 79 Resp: 340894
Ion Ratio Lower Upper
79 100
52 72.7 58.2 87.2
51 36.4 29.1 43.7

Manual Integrations
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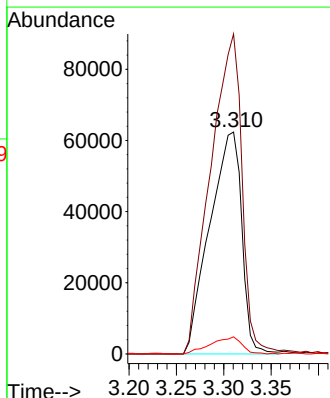
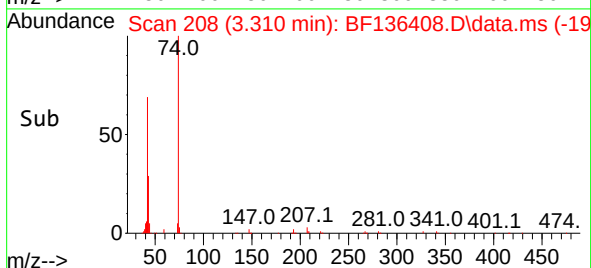
Reviewed By :Yogesh Patel 12/07/2023
Supervised By :mohammad ahmed 12/07/2023

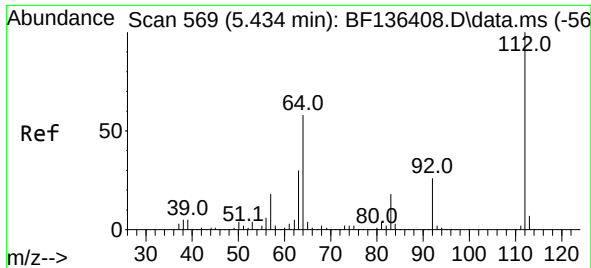


#4
n-Nitrosodimethylamine
Concen: 42.525 ng
RT: 3.310 min Scan# 208
Delta R.T. 0.000 min
Lab File: BF136408.D
Acq: 05 Dec 2023 16:05



Tgt Ion: 42 Resp: 146454
Ion Ratio Lower Upper
42 100
74 144.2 115.4 173.0
44 7.7 6.2 9.2





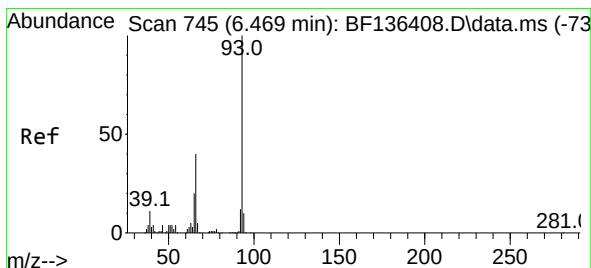
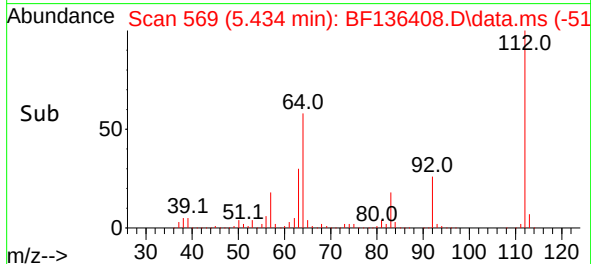
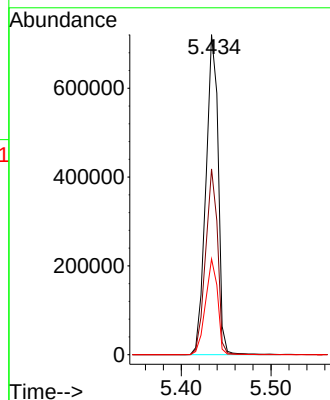
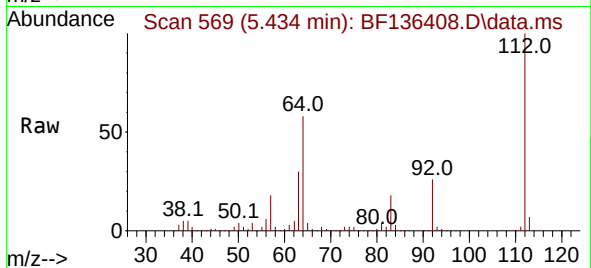
#5
2-Fluorophenol
Concen: 83.225 ng
RT: 5.434 min Scan# 569
Delta R.T. 0.000 min
Lab File: BF136408.D
Acq: 05 Dec 2023 16:05

Instrument :
BNA_F
ClientSampleId :
SSTDICCC040

Tgt Ion:112 Resp: 688754
Ion Ratio Lower Upper
112 100
64 58.1 46.5 69.7
63 29.9 23.9 35.9

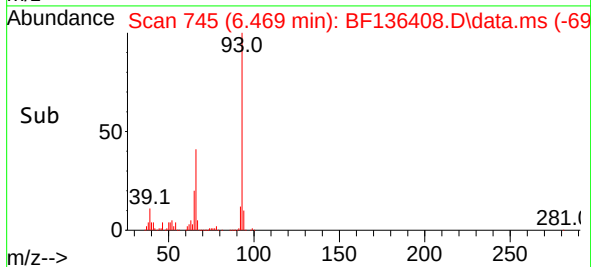
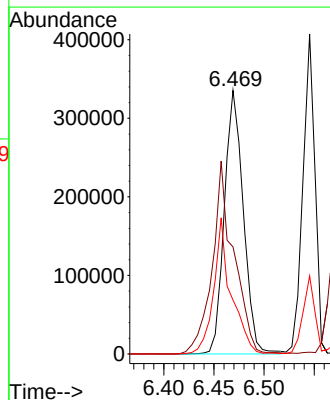
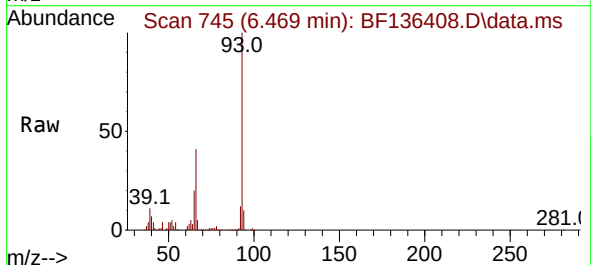
Manual Integrations
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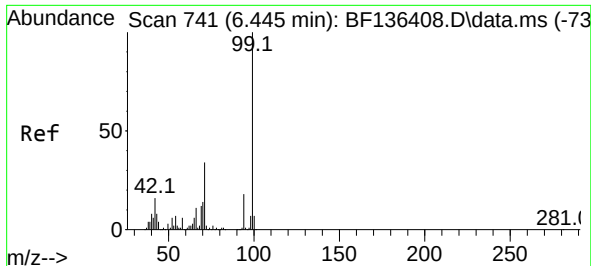
Reviewed By :Yogesh Patel 12/07/2023
Supervised By :mohammad ahmed 12/07/2023



#6
Aniline
Concen: 42.282 ng
RT: 6.469 min Scan# 745
Delta R.T. 0.000 min
Lab File: BF136408.D
Acq: 05 Dec 2023 16:05

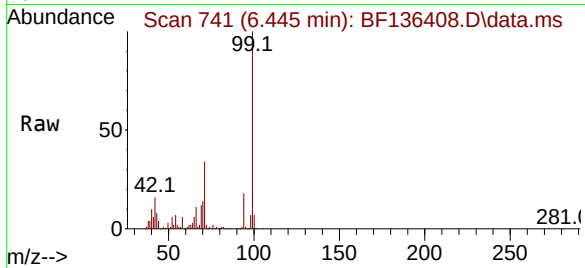
Tgt Ion: 93 Resp: 441215
Ion Ratio Lower Upper
93 100
66 40.6 32.5 48.7
65 20.5 16.4 24.6





#7
Phenol-d6
Concen: 83.057 ng
RT: 6.445 min Scan# 741
Delta R.T. 0.000 min
Lab File: BF136408.D
Acq: 05 Dec 2023 16:05

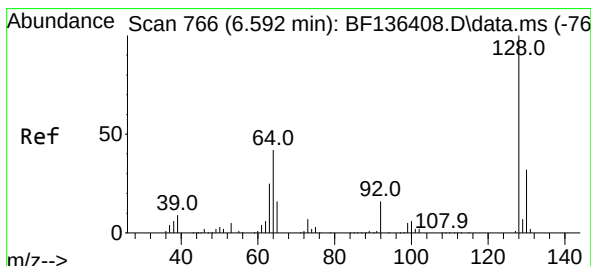
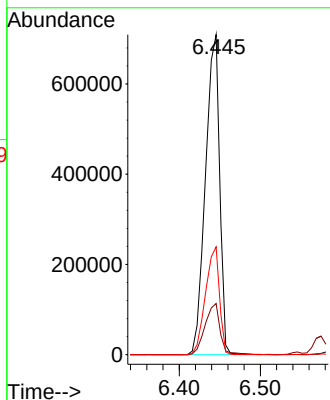
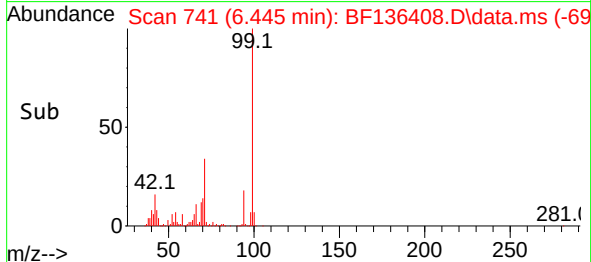
Instrument :
BNA_F
ClientSampleId :
SSTDICCC040



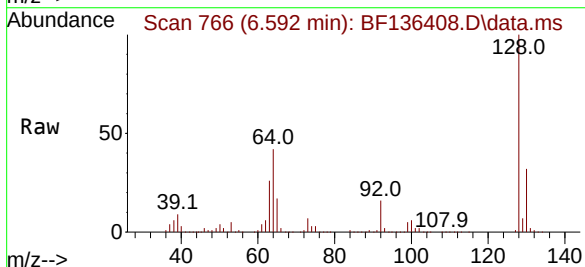
Tgt Ion: 99 Resp: 857594
Ion Ratio Lower Upper
99 100
42 16.0 12.8 19.2
71 33.7 27.0 40.4

Manual Integrations
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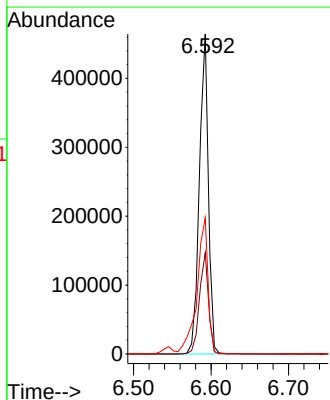
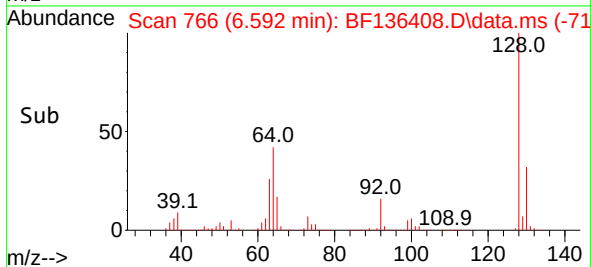
Reviewed By :Yogesh Patel 12/07/2023
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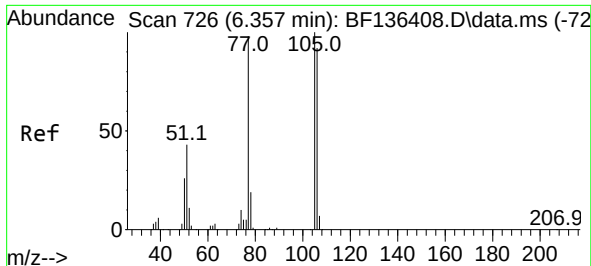


#8
2-Chlorophenol
Concen: 41.495 ng
RT: 6.592 min Scan# 766
Delta R.T. 0.000 min
Lab File: BF136408.D
Acq: 05 Dec 2023 16:05



Tgt Ion:128 Resp: 374896
Ion Ratio Lower Upper
128 100
130 31.7 11.7 51.7
64 42.5 22.5 62.5





#9

Benzaldehyde

Concen: 43.501 ng

RT: 6.357 min Scan# 726

Delta R.T. 0.000 min

Lab File: BF136408.D

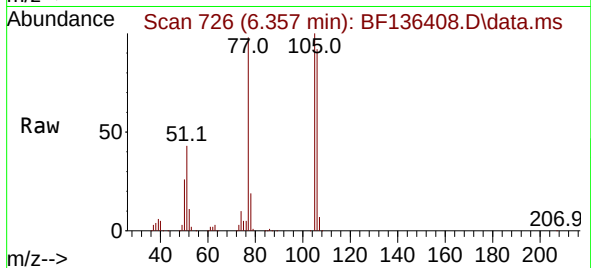
Acq: 05 Dec 2023 16:05

Instrument :

BNA_F

ClientSampleId :

SSTDICCC040



Tgt Ion: 77 Resp: 222488

Ion Ratio Lower Upper

77 100

105 102.5 82.5 122.5

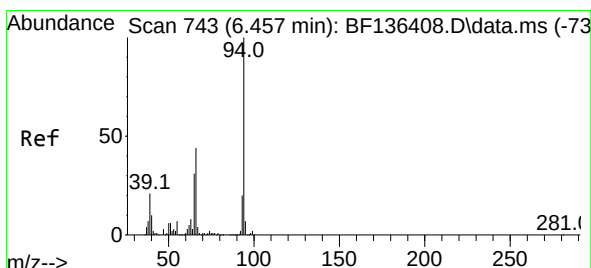
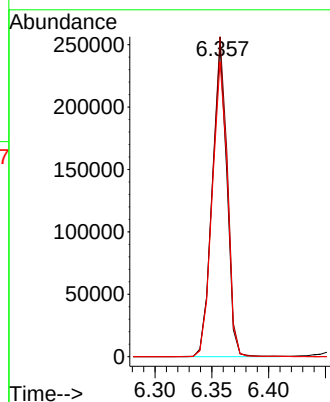
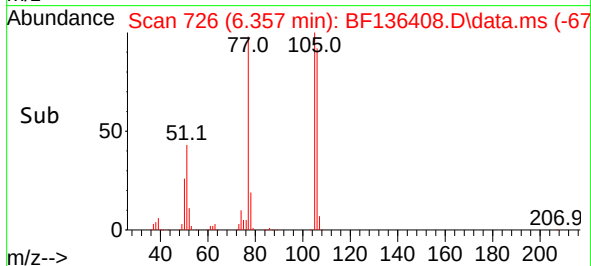
106 94.5 74.5 114.5

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 12/07/2023

Supervised By :mohammad ahmed 12/07/2023



#10

Phenol

Concen: 41.722 ng

RT: 6.457 min Scan# 743

Delta R.T. 0.000 min

Lab File: BF136408.D

Acq: 05 Dec 2023 16:05

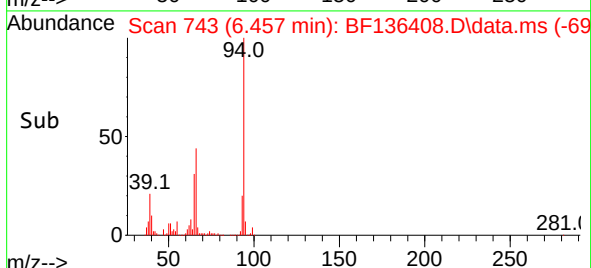
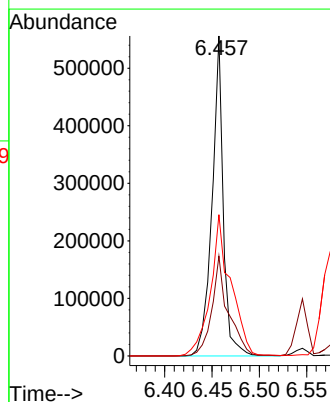
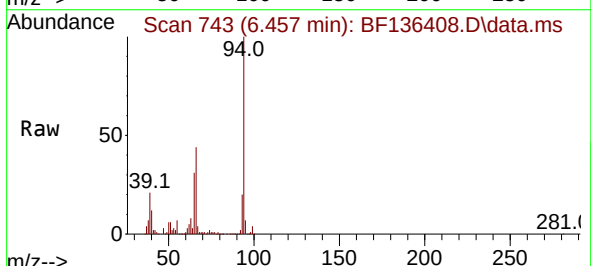
Tgt Ion: 94 Resp: 458408

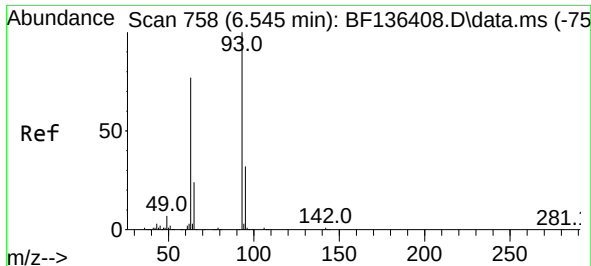
Ion Ratio Lower Upper

94 100

65 31.2 11.2 51.2

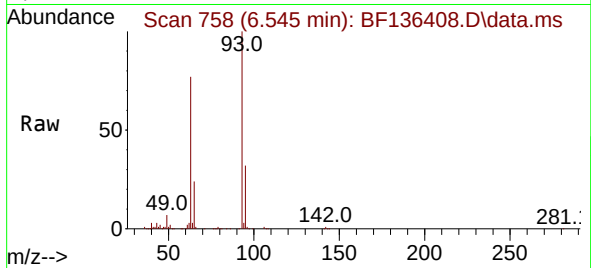
66 44.2 24.2 64.2





#11
bis(2-Chloroethyl)ether
Concen: 41.271 ng
RT: 6.545 min Scan# 758
Delta R.T. 0.000 min
Lab File: BF136408.D
Acq: 05 Dec 2023 16:05

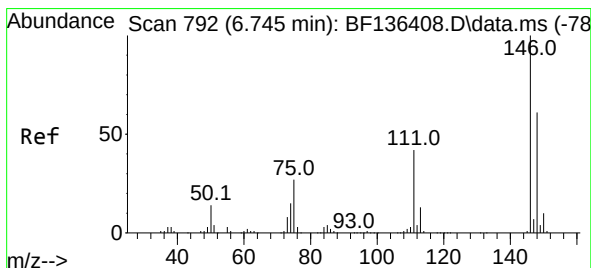
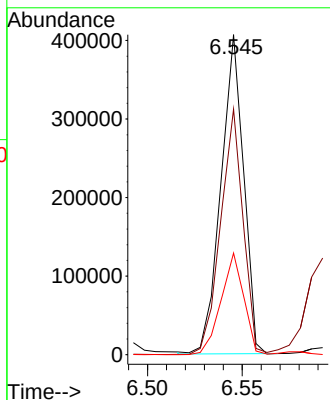
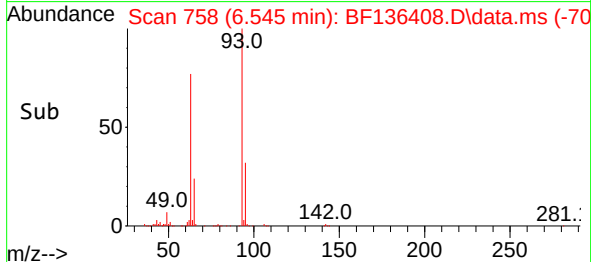
Instrument :
BNA_F
ClientSampleId :
SSTDICCC040



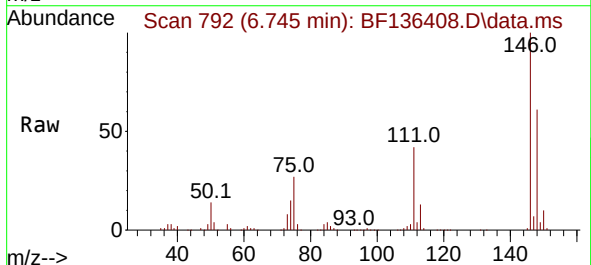
Tgt Ion: 93 Resp: 337998
Ion Ratio Lower Upper
93 100
63 76.8 56.8 96.8
95 31.8 11.8 51.8

Manual Integrations
APPROVED

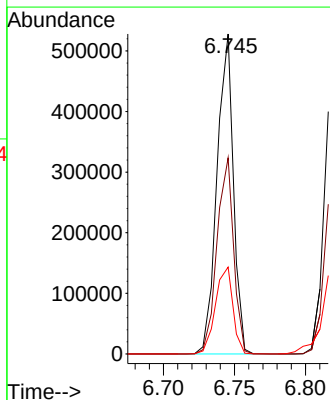
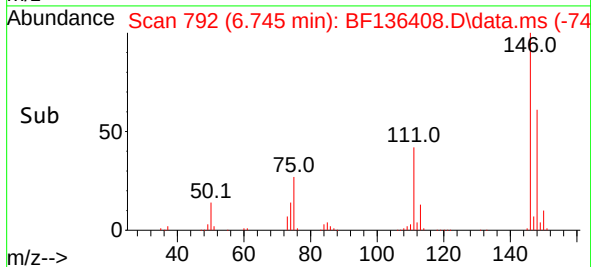
Reviewed By :Yogesh Patel 12/07/2023
Supervised By :mohammad ahmed 12/07/2023

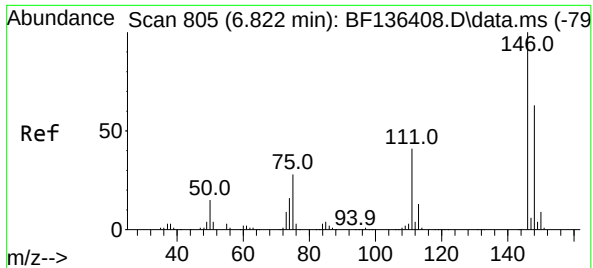


#12
1,3-Dichlorobenzene
Concen: 41.593 ng
RT: 6.745 min Scan# 792
Delta R.T. 0.000 min
Lab File: BF136408.D
Acq: 05 Dec 2023 16:05



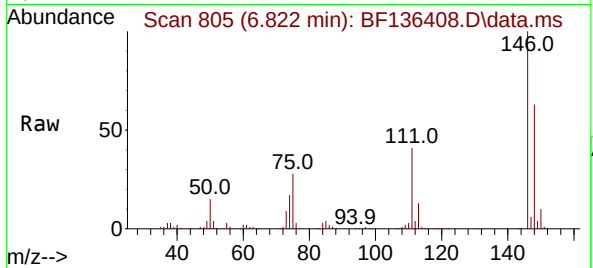
Tgt Ion:146 Resp: 422609
Ion Ratio Lower Upper
146 100
148 61.3 49.0 73.6
75 27.2 21.8 32.6





#13
1,4-Dichlorobenzene
Concen: 41.487 ng
RT: 6.822 min Scan# 805
Delta R.T. 0.000 min
Lab File: BF136408.D
Acq: 05 Dec 2023 16:05

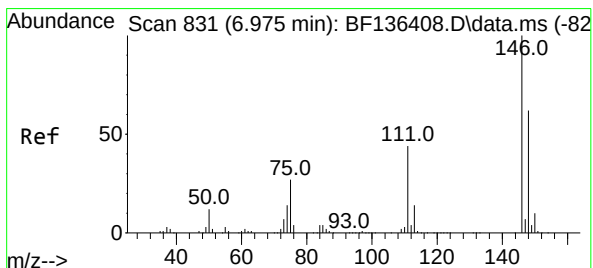
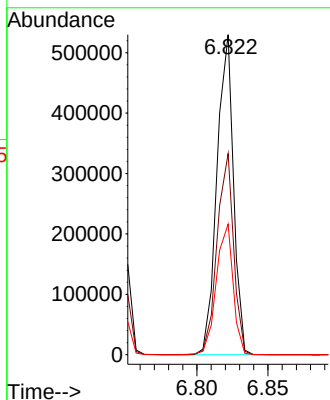
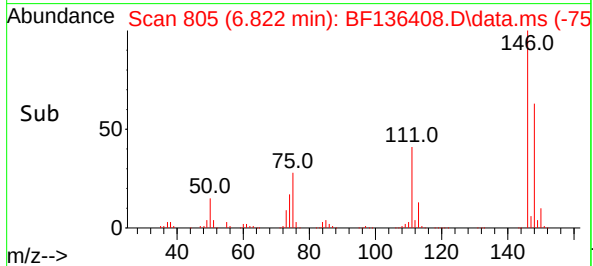
Instrument :
BNA_F
ClientSampleId :
SSTDICCC040



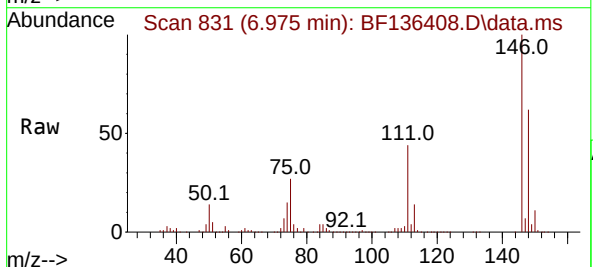
Tgt Ion:146 Resp: 427608
Ion Ratio Lower Upper
146 100
148 62.9 50.3 75.5
111 40.8 32.6 49.0

Manual Integrations
APPROVED

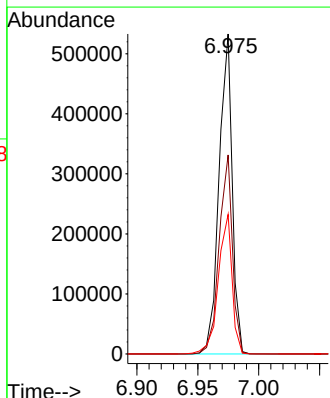
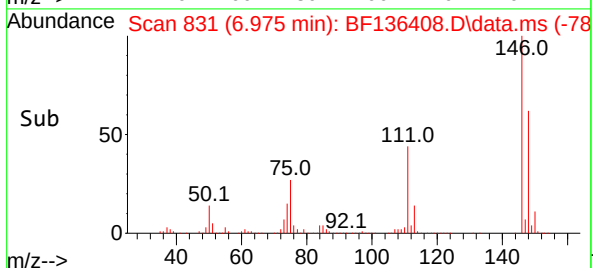
Reviewed By :Yogesh Patel 12/07/2023
Supervised By :mohammad ahmed 12/07/2023

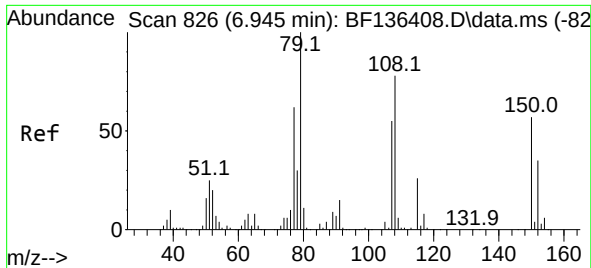


#14
1,2-Dichlorobenzene
Concen: 41.361 ng
RT: 6.975 min Scan# 831
Delta R.T. 0.000 min
Lab File: BF136408.D
Acq: 05 Dec 2023 16:05



Tgt Ion:146 Resp: 400882
Ion Ratio Lower Upper
146 100
148 62.2 49.8 74.6
111 43.6 34.9 52.3





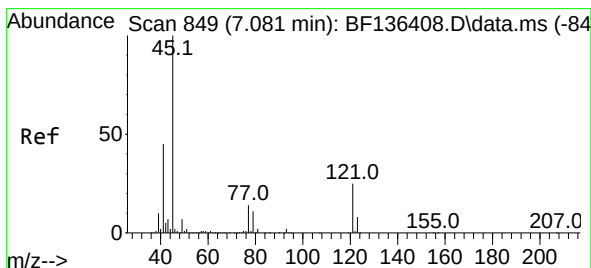
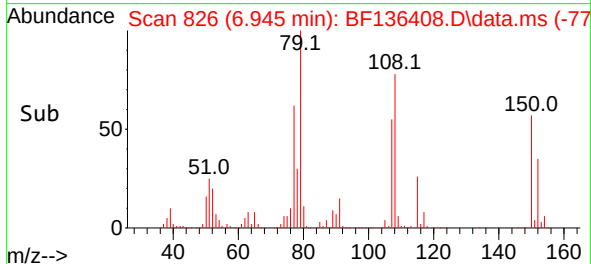
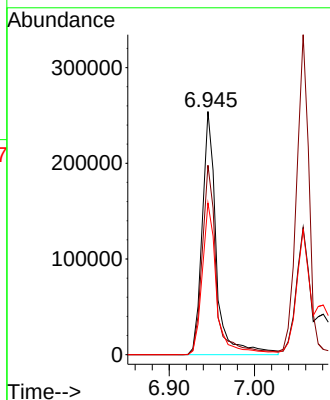
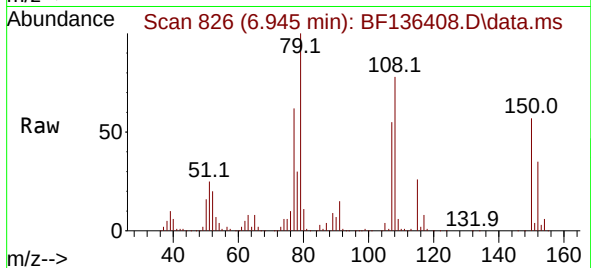
#15
Benzyl Alcohol
Concen: 42.370 ng
RT: 6.945 min Scan# 826
Delta R.T. 0.000 min
Lab File: BF136408.D
Acq: 05 Dec 2023 16:05

Instrument :
BNA_F
ClientSampleId :
SSTDICCC040

Tgt Ion: 79 Resp: 292950
Ion Ratio Lower Upper
79 100
108 77.9 62.3 93.5
77 62.3 49.8 74.8

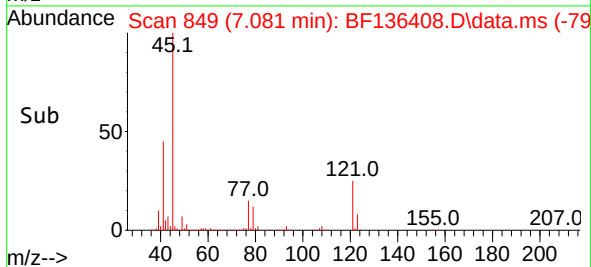
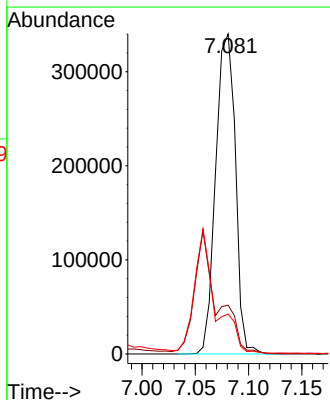
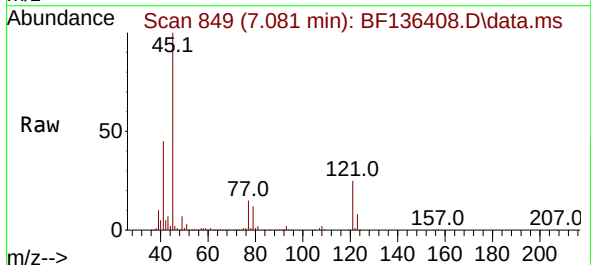
Manual Integrations
APPROVED

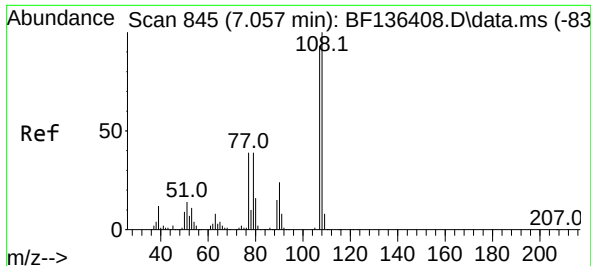
Reviewed By :Yogesh Patel 12/07/2023
Supervised By :mohammad ahmed 12/07/2023



#16
2,2'-oxybis(1-Chloropropane)
Concen: 41.349 ng
RT: 7.081 min Scan# 849
Delta R.T. 0.000 min
Lab File: BF136408.D
Acq: 05 Dec 2023 16:05

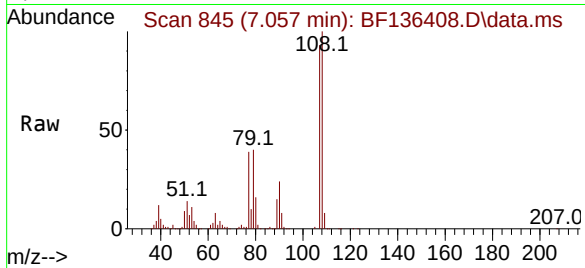
Tgt Ion: 45 Resp: 435531
Ion Ratio Lower Upper
45 100
77 15.3 0.0 35.3
79 12.5 0.0 32.5





#17
2-Methylphenol
Concen: 42.103 ng
RT: 7.057 min Scan# 845
Delta R.T. 0.000 min
Lab File: BF136408.D
Acq: 05 Dec 2023 16:05

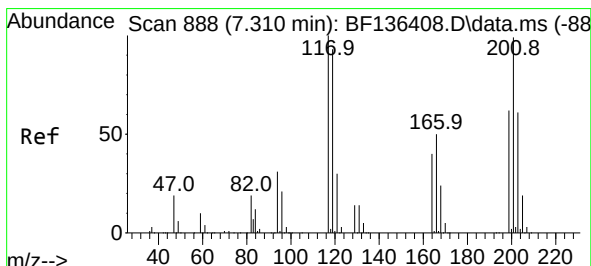
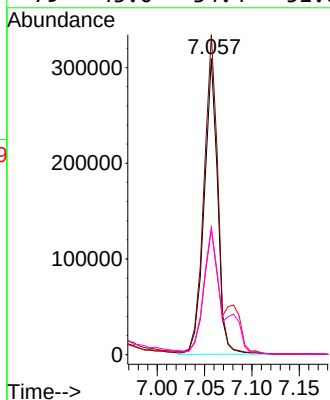
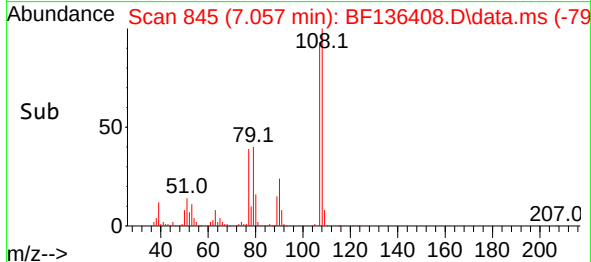
Instrument :
BNA_F
ClientSampleId :
SSTDICCC040



Tgt Ion:107 Resp: 307320
Ion Ratio Lower Upper
107 100
108 108.1 86.5 129.7
77 42.3 33.8 50.8
79 43.0 34.4 51.6

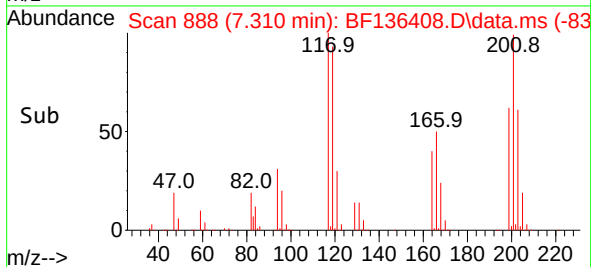
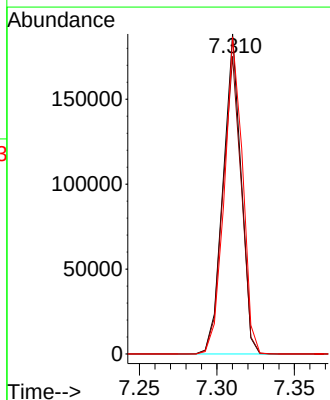
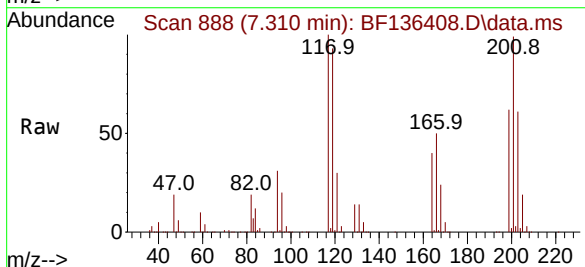
Manual Integrations
APPROVED

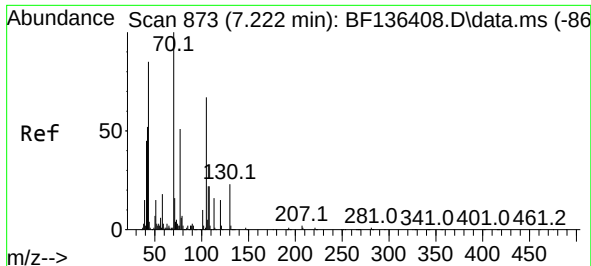
Reviewed By :Yogesh Patel 12/07/2023
Supervised By :mohammad ahmed 12/07/2023



#18
Hexachloroethane
Concen: 42.060 ng
RT: 7.310 min Scan# 888
Delta R.T. 0.000 min
Lab File: BF136408.D
Acq: 05 Dec 2023 16:05

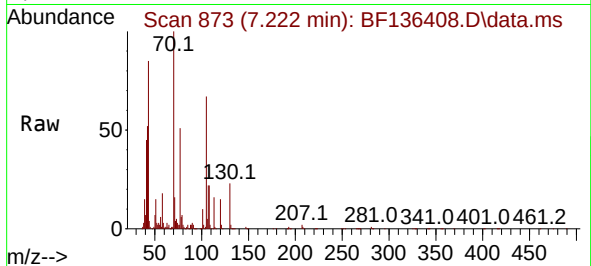
Tgt Ion:117 Resp: 151353
Ion Ratio Lower Upper
117 100
119 92.9 74.3 111.5
201 99.1 79.3 118.9





#19
n-Nitroso-di-n-propylamine
Concen: 41.856 ng
RT: 7.222 min Scan# 873
Delta R.T. 0.000 min
Lab File: BF136408.D
Acq: 05 Dec 2023 16:05

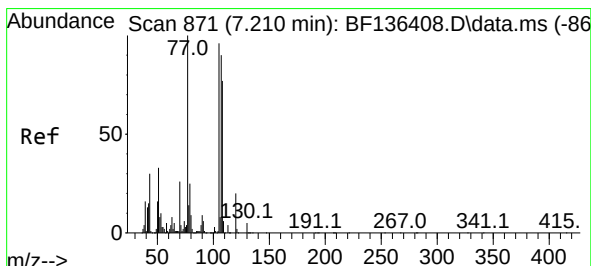
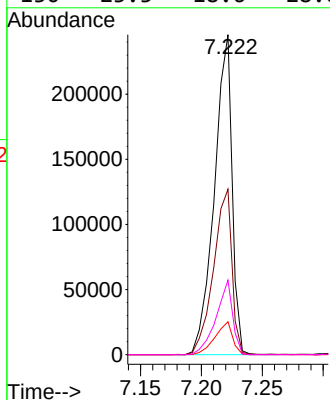
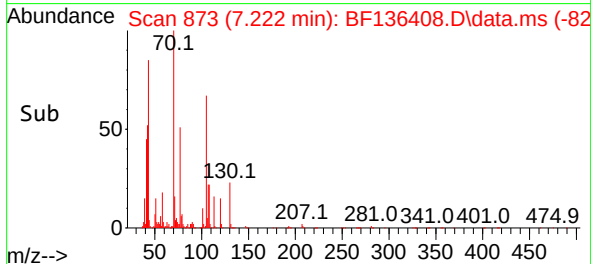
Instrument :
BNA_F
ClientSampleId :
SSTDICCC040



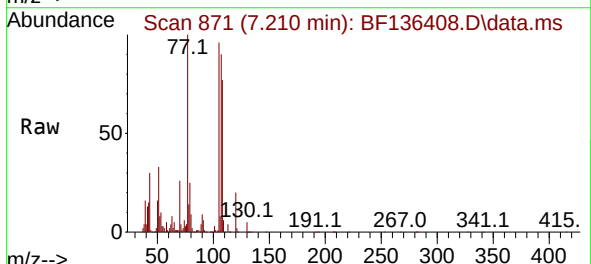
Tgt Ion: 70 Resp: 249304
Ion Ratio Lower Upper
70 100
42 51.7 41.4 62.0
101 10.3 8.2 12.4
130 23.3 18.6 28.0

Manual Integrations
APPROVED

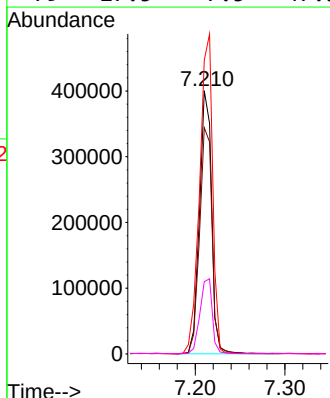
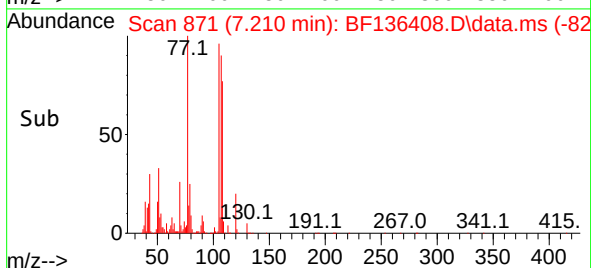
Reviewed By :Yogesh Patel 12/07/2023
Supervised By :mohammad ahmed 12/07/2023

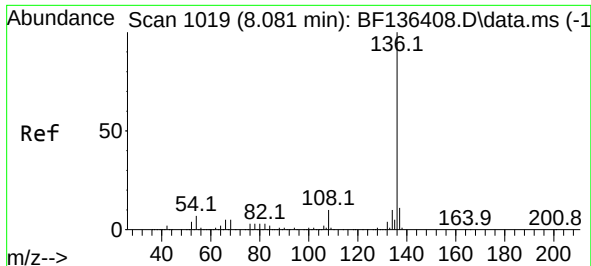


#20
3+4-Methylphenols
Concen: 41.376 ng
RT: 7.210 min Scan# 871
Delta R.T. 0.000 min
Lab File: BF136408.D
Acq: 05 Dec 2023 16:05



Tgt Ion:107 Resp: 374869
Ion Ratio Lower Upper
107 100
108 85.9 65.9 105.9
77 111.7 91.7 131.7
79 27.5 7.5 47.5





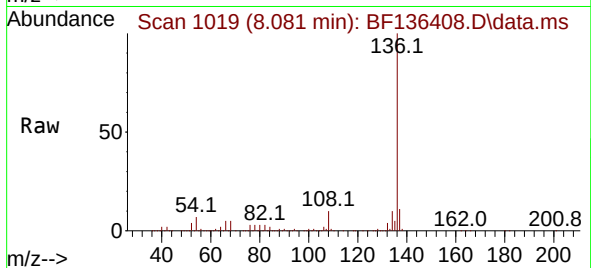
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.081 min Scan# 1019
Delta R.T. 0.000 min
Lab File: BF136408.D
Acq: 05 Dec 2023 16:05

Instrument :

BNA_F

ClientSampleId :

SSTDICCC040

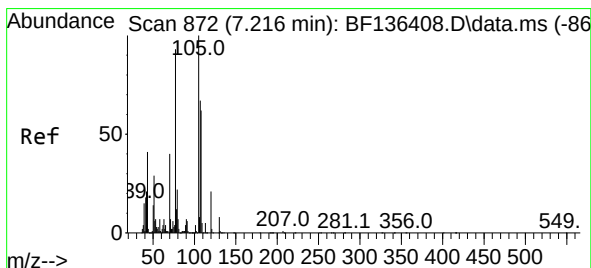
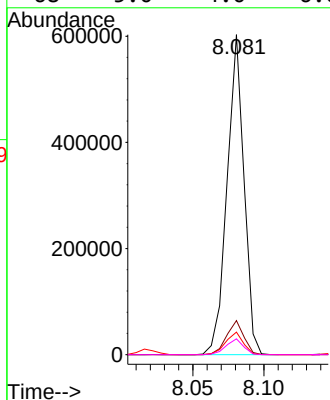
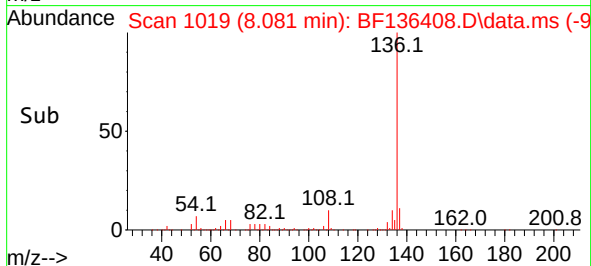


Tgt Ion:136 Resp: 499492
Ion Ratio Lower Upper
136 100
137 10.7 8.6 12.8
54 7.1 5.7 8.5
68 5.0 4.0 6.0

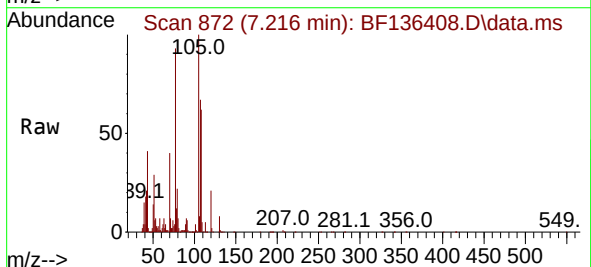
Manual Integrations

APPROVED

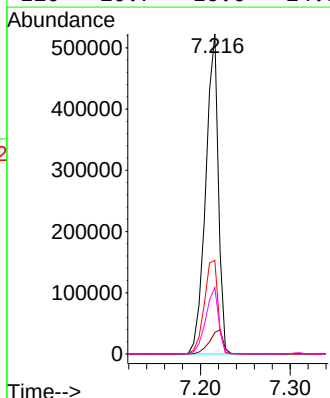
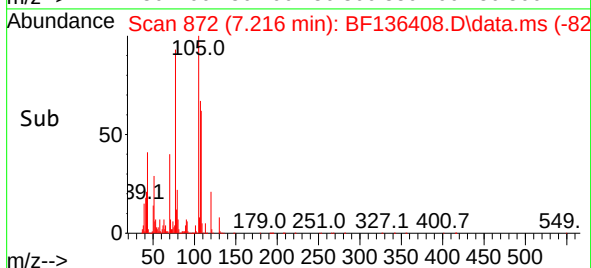
Reviewed By :Yogesh Patel 12/07/2023
Supervised By :mohammad ahmed 12/07/2023

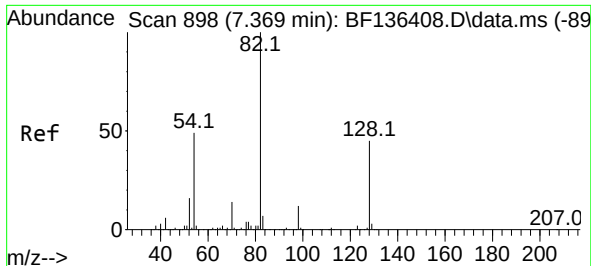


#22
Acetophenone
Concen: 41.397 ng
RT: 7.216 min Scan# 872
Delta R.T. 0.000 min
Lab File: BF136408.D
Acq: 05 Dec 2023 16:05



Tgt Ion:105 Resp: 510609
Ion Ratio Lower Upper
105 100
71 6.7 5.4 8.0
51 29.3 23.4 35.2
120 20.7 16.6 24.8





#23

Nitrobenzene-d5

Concen: 84.136 ng

RT: 7.369 min Scan# 898

Delta R.T. 0.000 min

Lab File: BF136408.D

Acq: 05 Dec 2023 16:05

Instrument :

BNA_F

ClientSampleId :

SSTDICCC040

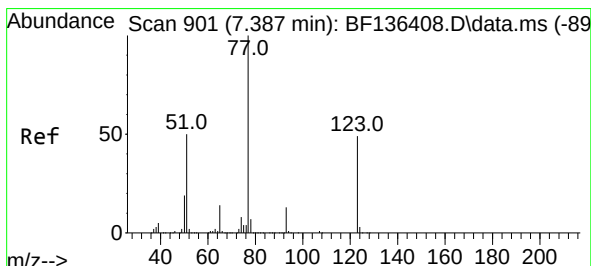
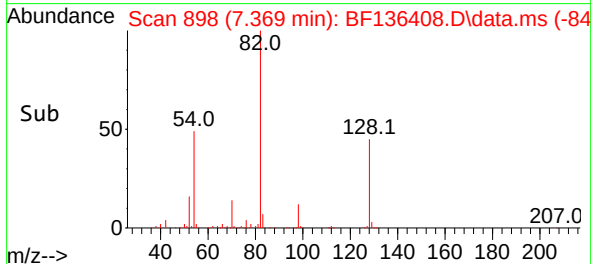
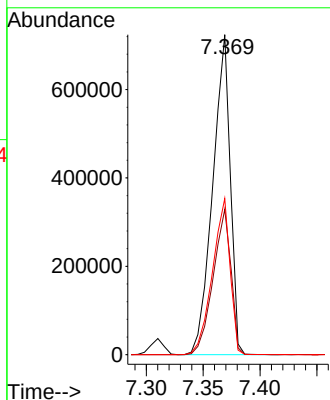
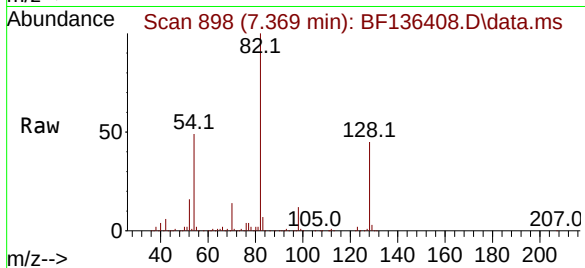
Tgt Ion:	82	Resp:	777375
Ion	Ratio	Lower	Upper
82	100		
128	45.4	36.3	54.5
54	48.8	39.0	58.6

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 12/07/2023

Supervised By :mohammad ahmed 12/07/2023



#24

Nitrobenzene

Concen: 41.672 ng

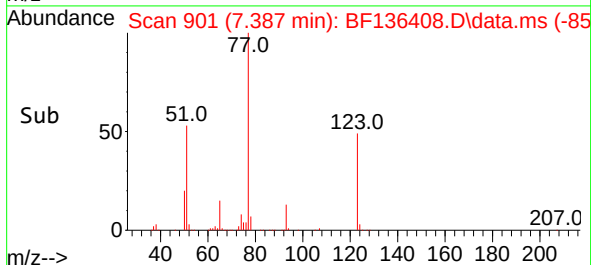
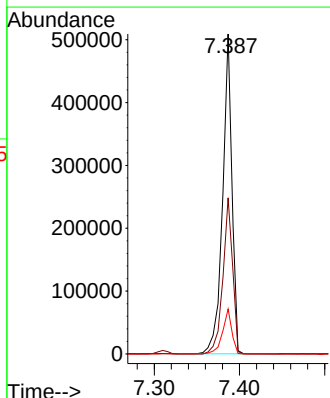
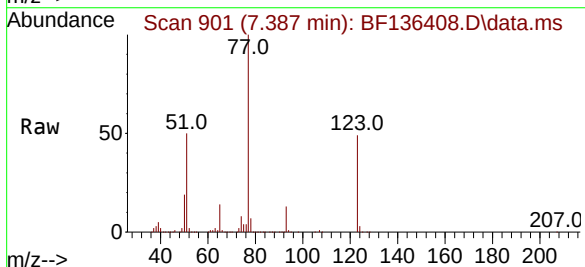
RT: 7.387 min Scan# 901

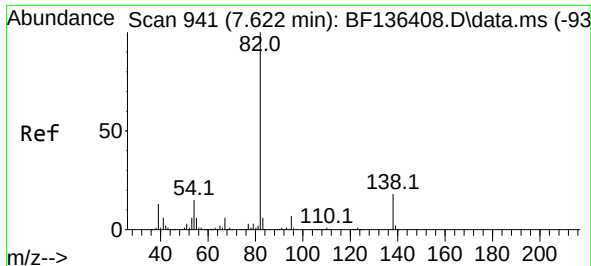
Delta R.T. 0.000 min

Lab File: BF136408.D

Acq: 05 Dec 2023 16:05

Tgt Ion:	77	Resp:	387329
Ion	Ratio	Lower	Upper
77	100		
123	48.8	39.0	58.6
65	14.1	11.3	16.9





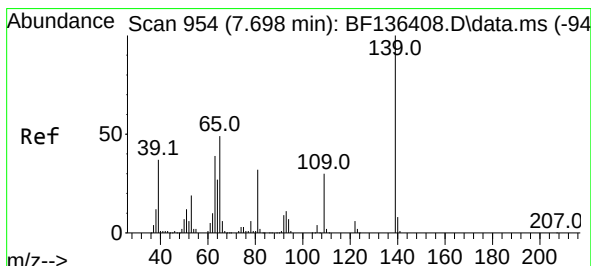
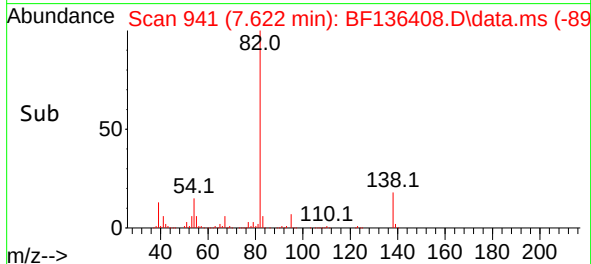
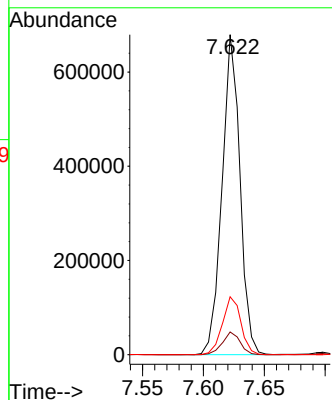
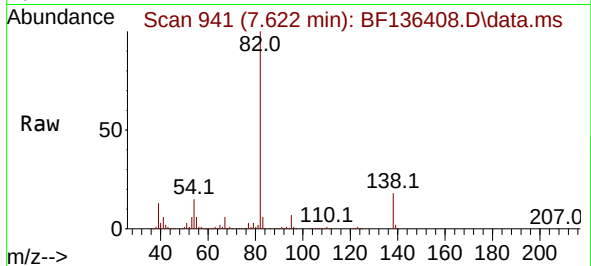
#25
Isophorone
Concen: 41.956 ng
RT: 7.622 min Scan# 941
Delta R.T. 0.000 min
Lab File: BF136408.D
Acq: 05 Dec 2023 16:05

Instrument :
BNA_F
ClientSampleId :
SSTDICCC040

Tgt Ion: 82 Resp: 696463
Ion Ratio Lower Upper
82 100
95 7.1 5.7 8.5
138 18.1 14.5 21.7

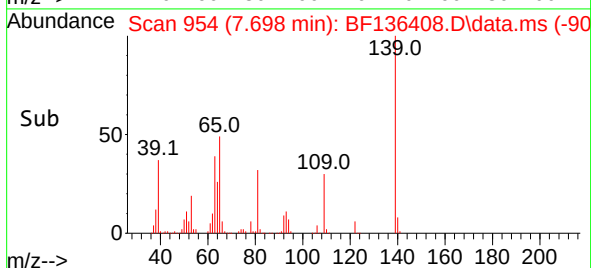
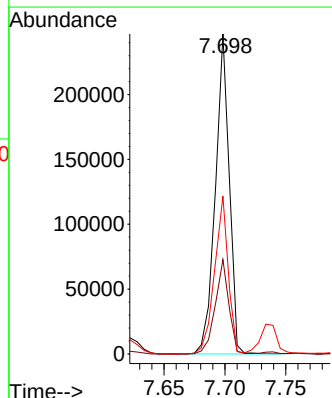
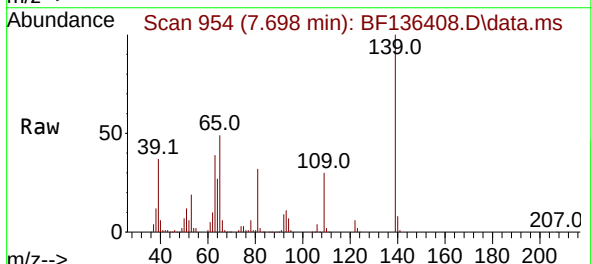
Manual Integrations
APPROVED

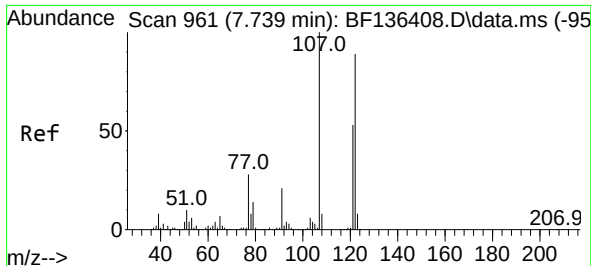
Reviewed By :Yogesh Patel 12/07/2023
Supervised By :mohammad ahmed 12/07/2023



#26
2-Nitrophenol
Concen: 42.967 ng
RT: 7.698 min Scan# 954
Delta R.T. 0.000 min
Lab File: BF136408.D
Acq: 05 Dec 2023 16:05

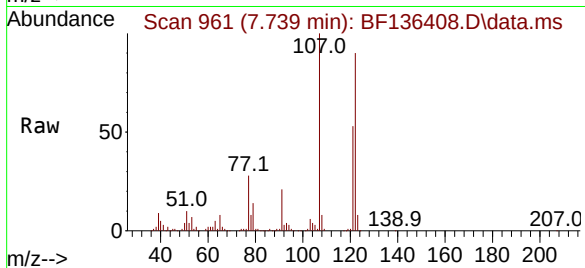
Tgt Ion:139 Resp: 196338
Ion Ratio Lower Upper
139 100
109 29.5 23.6 35.4
65 49.3 39.4 59.2





#27
2,4-Dimethylphenol
Concen: 42.184 ng
RT: 7.739 min Scan# 961
Delta R.T. 0.000 min
Lab File: BF136408.D
Acq: 05 Dec 2023 16:05

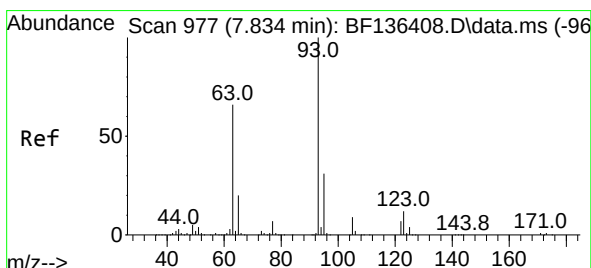
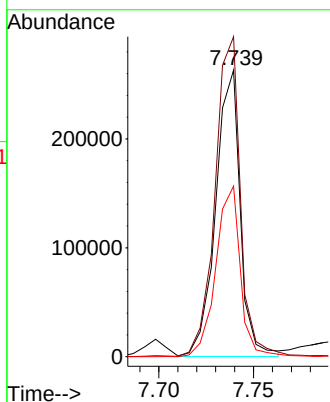
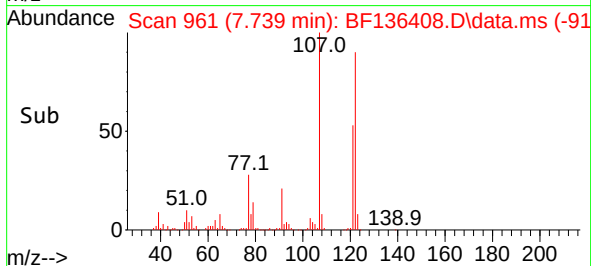
Instrument :
BNA_F
ClientSampleId :
SSTDICCC040



Tgt Ion:122 Resp: 23768
Ion Ratio Lower Upper
122 100
107 111.6 89.3 133.9
121 59.5 47.6 71.4

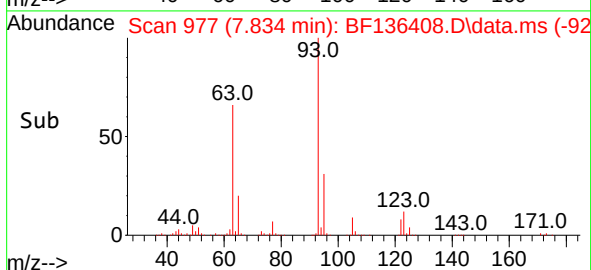
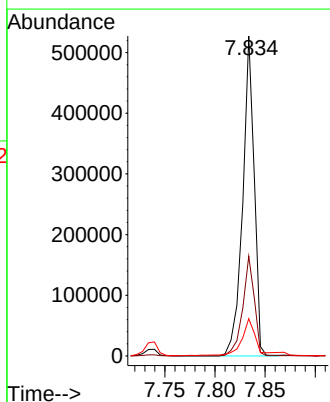
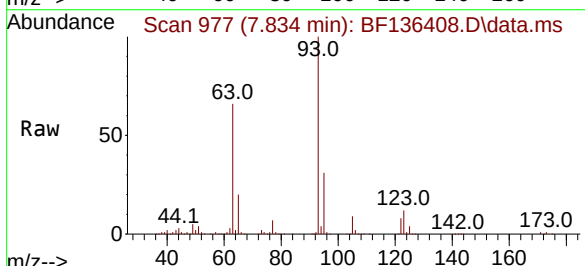
Manual Integrations
APPROVED

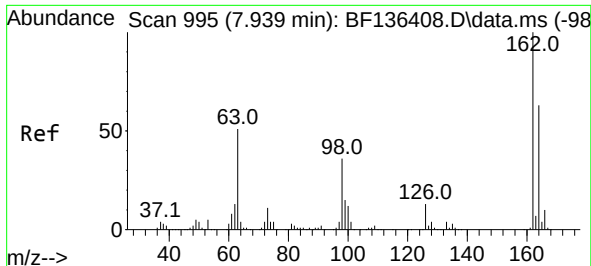
Reviewed By :Yogesh Patel 12/07/2023
Supervised By :mohammad ahmed 12/07/2023



#28
bis(2-Chloroethoxy)methane
Concen: 41.543 ng
RT: 7.834 min Scan# 977
Delta R.T. 0.000 min
Lab File: BF136408.D
Acq: 05 Dec 2023 16:05

Tgt Ion: 93 Resp: 423745
Ion Ratio Lower Upper
93 100
95 31.2 25.0 37.4
123 11.7 9.4 14.0





#29

2,4-Dichlorophenol

Concen: 42.423 ng

RT: 7.939 min Scan# 995

Delta R.T. 0.000 min

Lab File: BF136408.D

Acq: 05 Dec 2023 16:05

Instrument :

BNA_F

ClientSampleId :

SSTDICCC040

Tgt Ion:162 Resp: 31550

Ion Ratio Lower Upper

162 100

164 63.0 43.0 83.0

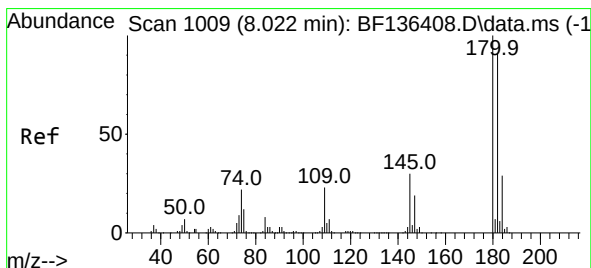
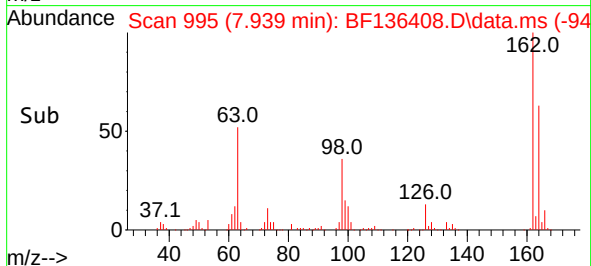
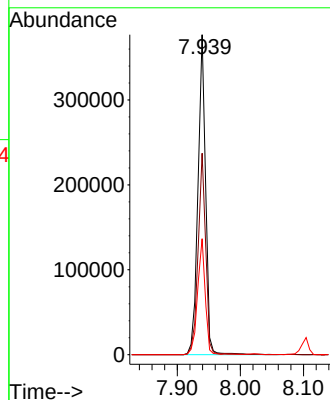
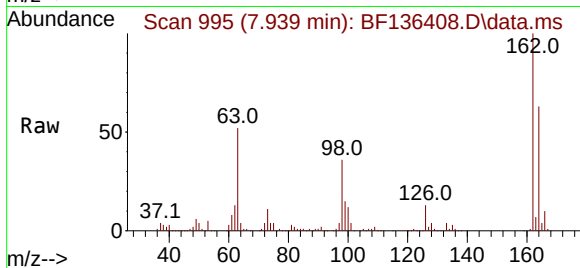
98 36.2 16.2 56.2

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 12/07/2023

Supervised By :mohammad ahmed 12/07/2023



#30

1,2,4-Trichlorobenzene

Concen: 41.963 ng

RT: 8.022 min Scan# 1009

Delta R.T. 0.000 min

Lab File: BF136408.D

Acq: 05 Dec 2023 16:05

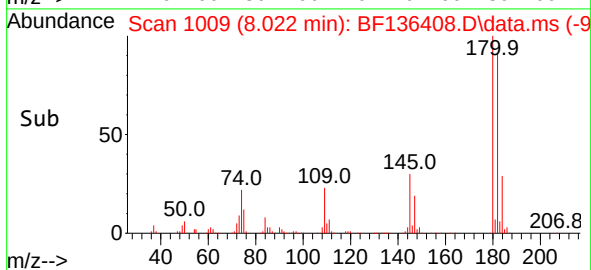
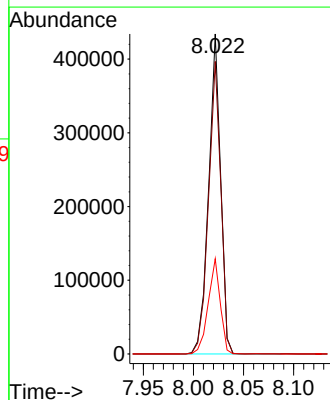
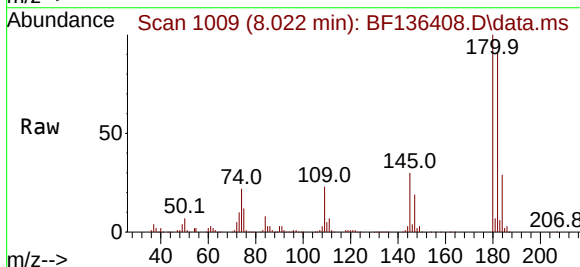
Tgt Ion:180 Resp: 363910

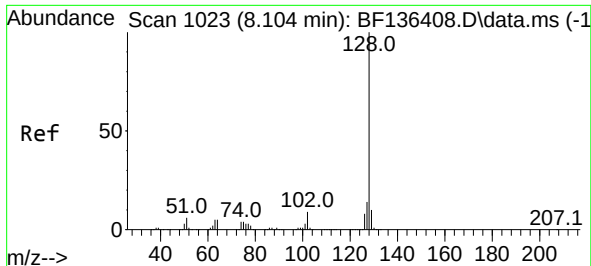
Ion Ratio Lower Upper

180 100

182 91.4 73.1 109.7

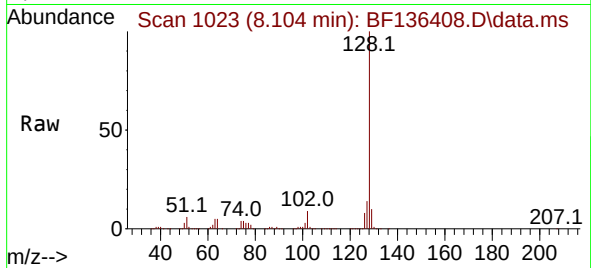
145 29.8 23.8 35.8





#31
Naphthalene
Concen: 41.734 ng
RT: 8.104 min Scan# 1023
Delta R.T. 0.000 min
Lab File: BF136408.D
Acq: 05 Dec 2023 16:05

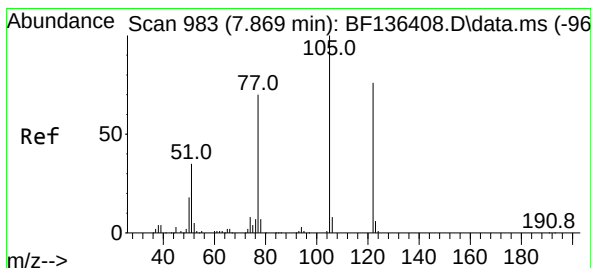
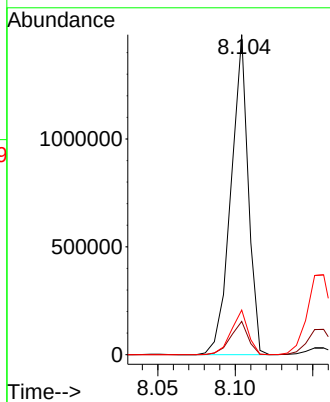
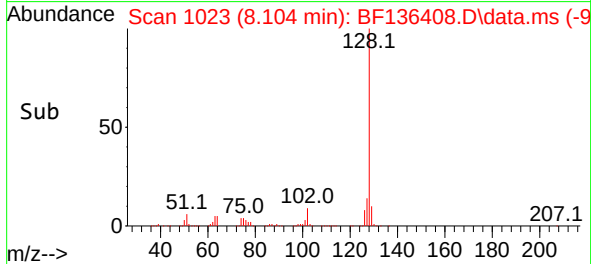
Instrument :
BNA_F
ClientSampleId :
SSTDICCC040



Tgt Ion:128 Resp: 114955
Ion Ratio Lower Upper
128 100
129 10.4 8.3 12.5
127 13.9 11.1 16.7

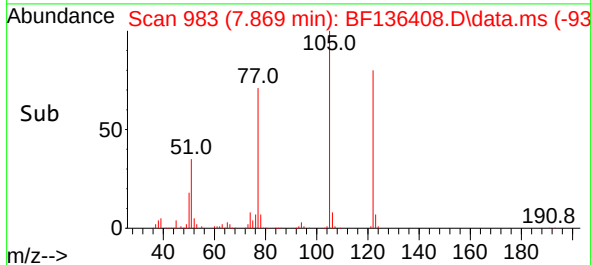
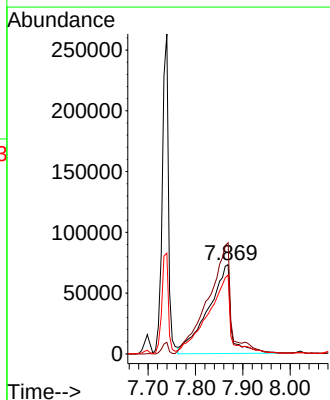
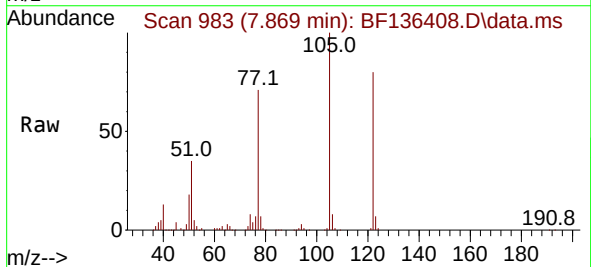
Manual Integrations
APPROVED

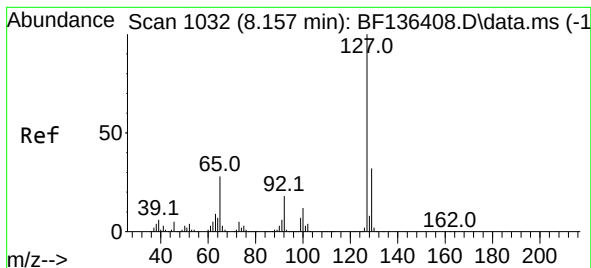
Reviewed By :Yogesh Patel 12/07/2023
Supervised By :mohammad ahmed 12/07/2023



#32
Benzoic acid
Concen: 43.971 ng
RT: 7.869 min Scan# 983
Delta R.T. 0.000 min
Lab File: BF136408.D
Acq: 05 Dec 2023 16:05

Tgt Ion:122 Resp: 246366
Ion Ratio Lower Upper
122 100
105 124.7 104.7 144.7
77 88.5 68.5 108.5





#33
4-Chloroaniline
Concen: 42.401 ng
RT: 8.157 min Scan# 1032
Delta R.T. 0.000 min
Lab File: BF136408.D
Acq: 05 Dec 2023 16:05

Instrument :

BNA_F

ClientSampleId :

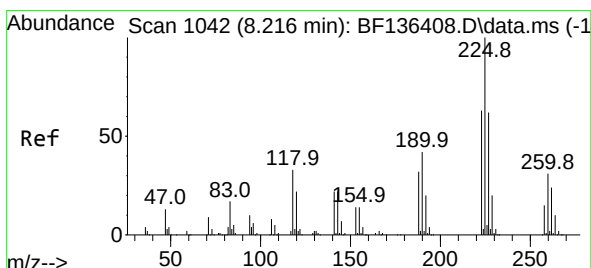
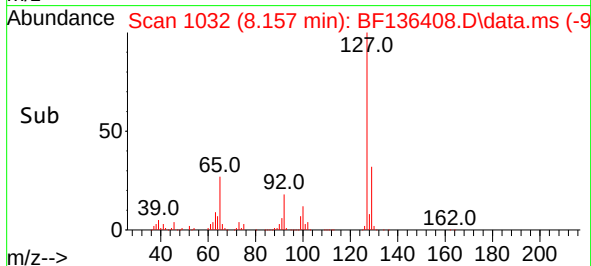
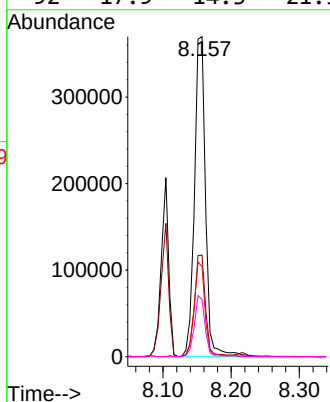
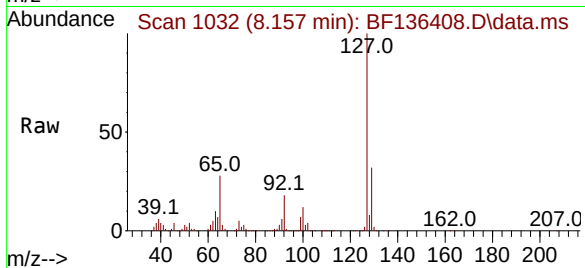
SSTDICCC040

Tgt Ion:127 Resp: 41637
Ion Ratio Lower Upper
127 100
129 31.8 25.4 38.2
65 28.1 22.5 33.7
92 17.9 14.3 21.5

Manual Integrations

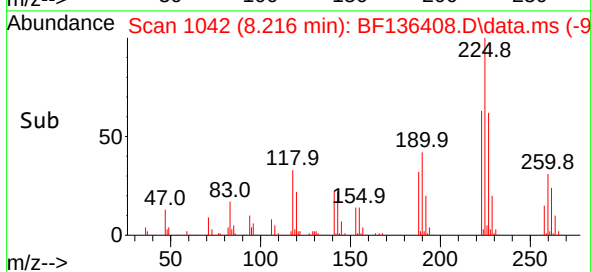
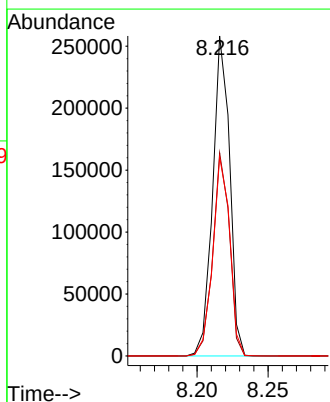
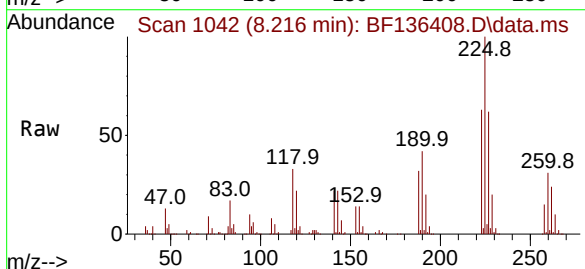
APPROVED

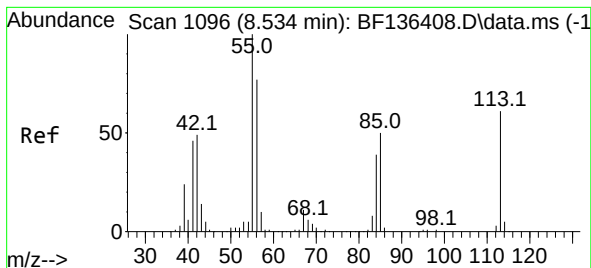
Reviewed By :Yogesh Patel 12/07/2023
Supervised By :mohammad ahmed 12/07/2023



#34
Hexachlorobutadiene
Concen: 41.744 ng
RT: 8.216 min Scan# 1042
Delta R.T. 0.000 min
Lab File: BF136408.D
Acq: 05 Dec 2023 16:05

Tgt Ion:225 Resp: 214543
Ion Ratio Lower Upper
225 100
223 63.5 50.8 76.2
227 62.3 49.8 74.8





#35

Caprolactam

Concen: 42.158 ng

RT: 8.534 min Scan# 1096

Delta R.T. 0.000 min

Lab File: BF136408.D

Acq: 05 Dec 2023 16:05

Instrument :

BNA_F

ClientSampleId :

SSTDICCC040

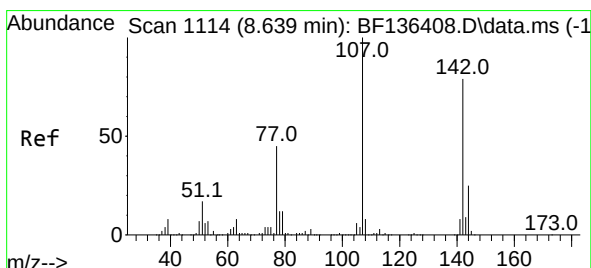
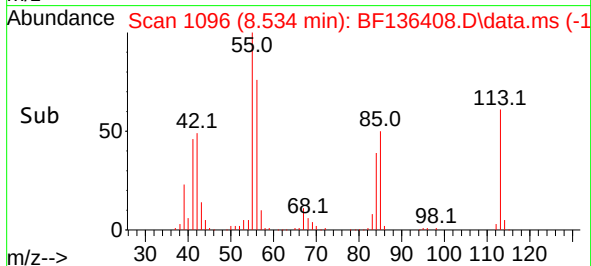
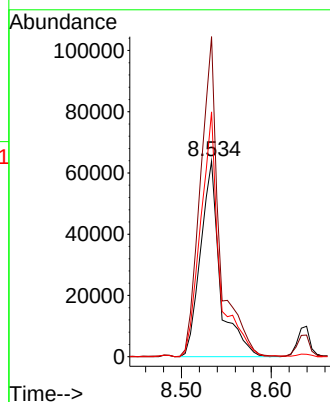
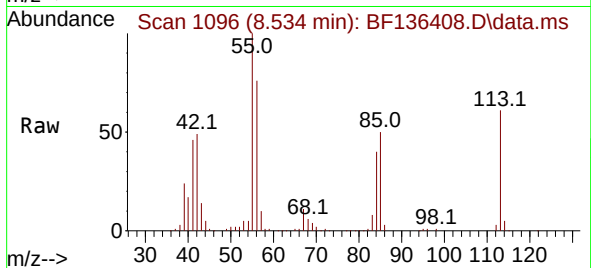
Tgt Ion:	113	Resp:	96554
Ion Ratio	Lower	Upper	
113	100		
55	163.7	143.7	183.7
56	125.2	105.2	145.2

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 12/07/2023

Supervised By :mohammad ahmed 12/07/2023



#36

4-Chloro-3-methylphenol

Concen: 42.177 ng

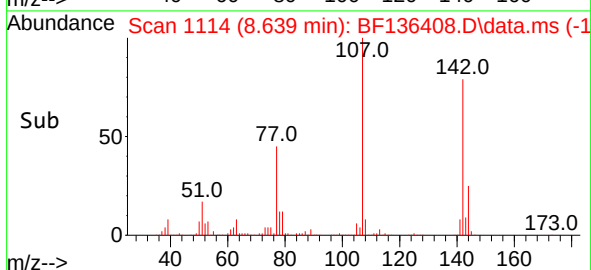
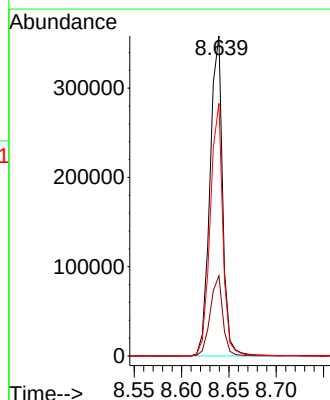
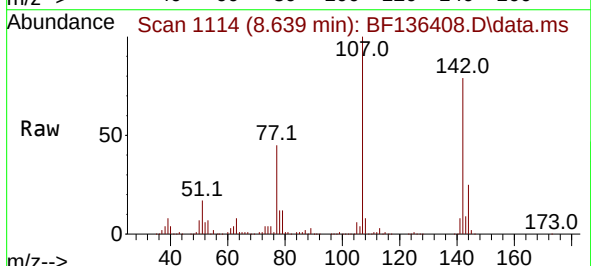
RT: 8.639 min Scan# 1114

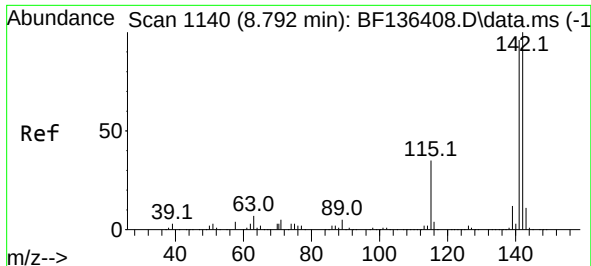
Delta R.T. 0.000 min

Lab File: BF136408.D

Acq: 05 Dec 2023 16:05

Tgt Ion:	107	Resp:	333052
Ion Ratio	Lower	Upper	
107	100		
144	25.1	20.1	30.1
142	78.9	63.1	94.7





#37
2-Methylnaphthalene
Concen: 41.353 ng
RT: 8.792 min Scan# 1140
Delta R.T. 0.000 min
Lab File: BF136408.D
Acq: 05 Dec 2023 16:05

Instrument :

BNA_F

ClientSampleId :

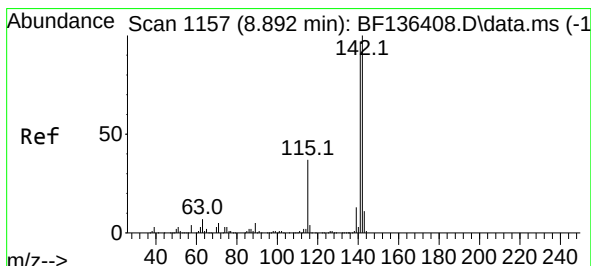
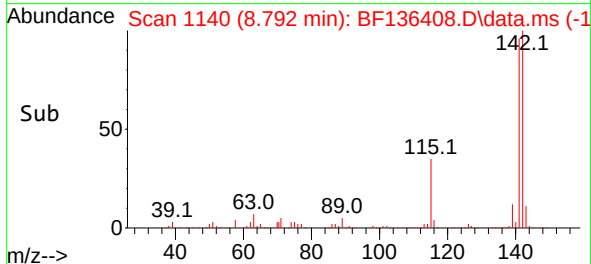
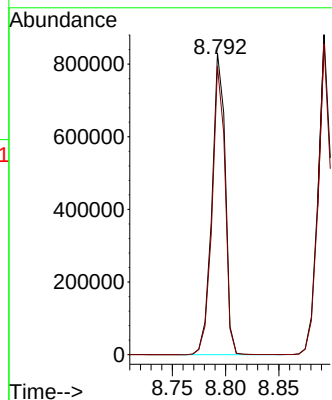
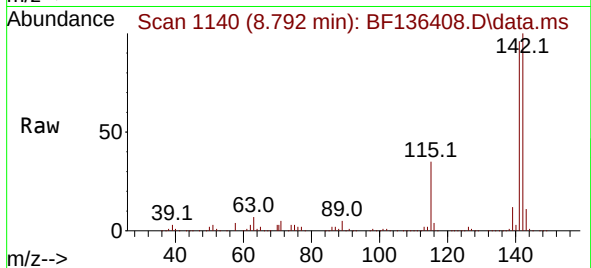
SSTDICCC040

Tgt Ion:142 Resp: 72466
Ion Ratio Lower Upper
142 100
141 95.5 76.4 114.6

Manual Integrations

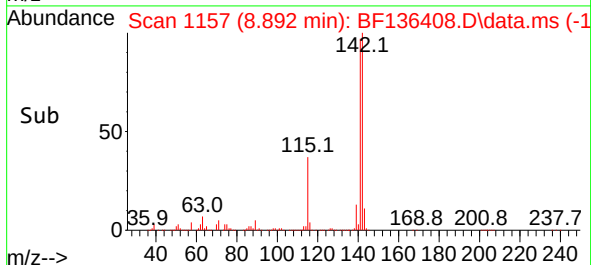
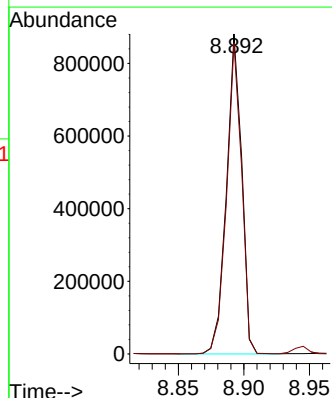
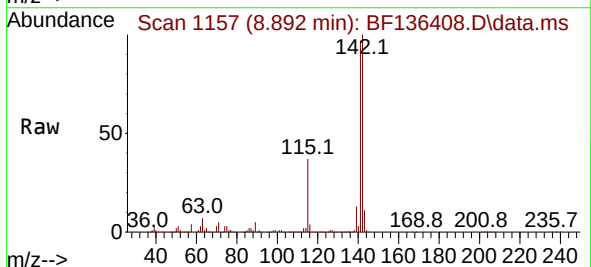
APPROVED

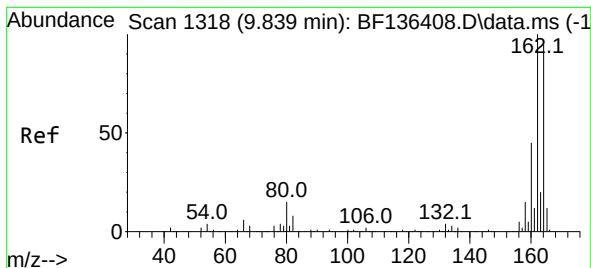
Reviewed By :Yogesh Patel 12/07/2023
Supervised By :mohammad ahmed 12/07/2023



#38
1-Methylnaphthalene
Concen: 41.471 ng
RT: 8.892 min Scan# 1157
Delta R.T. 0.000 min
Lab File: BF136408.D
Acq: 05 Dec 2023 16:05

Tgt Ion:142 Resp: 713122
Ion Ratio Lower Upper
142 100
141 97.1 77.7 116.5





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.839 min Scan# 1168

Delta R.T. 0.000 min

Lab File: BF136408.D

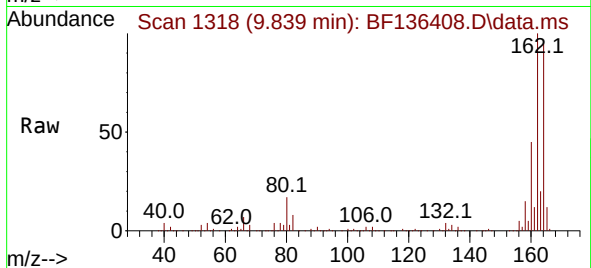
Acq: 05 Dec 2023 16:05

Instrument :

BNF

ClientSampleId :

SSTDICCC040



Tgt Ion:164 Resp: 262580

Ion Ratio Lower Upper

164 100

162 105.5 84.4 126.6

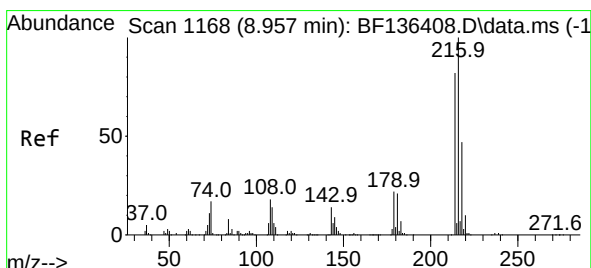
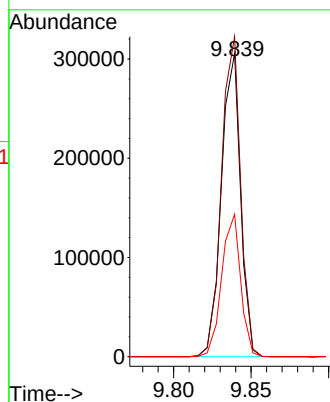
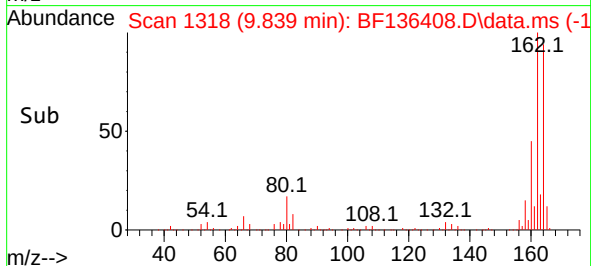
160 47.0 37.6 56.4

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 12/07/2023

Supervised By :mohammad ahmed 12/07/2023



#40

1,2,4,5-Tetrachlorobenzene

Concen: 41.326 ng

RT: 8.957 min Scan# 1168

Delta R.T. 0.000 min

Lab File: BF136408.D

Acq: 05 Dec 2023 16:05

Tgt Ion:216 Resp: 337599

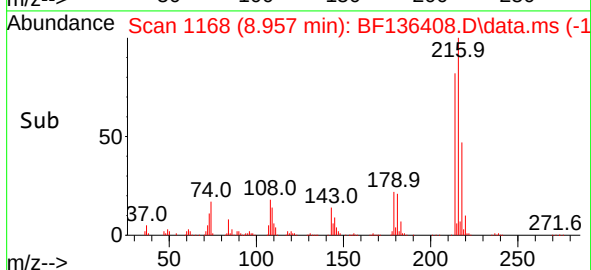
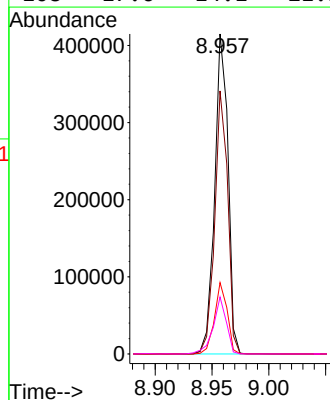
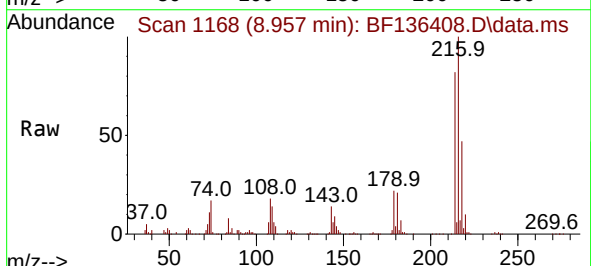
Ion Ratio Lower Upper

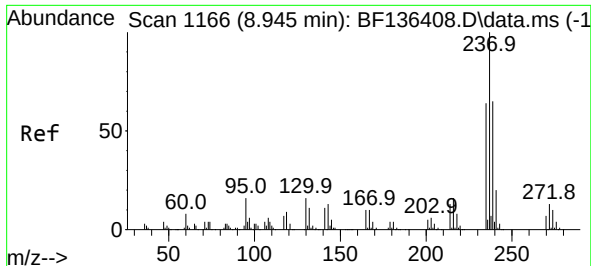
216 100

214 80.1 64.1 96.1

179 21.3 17.0 25.6

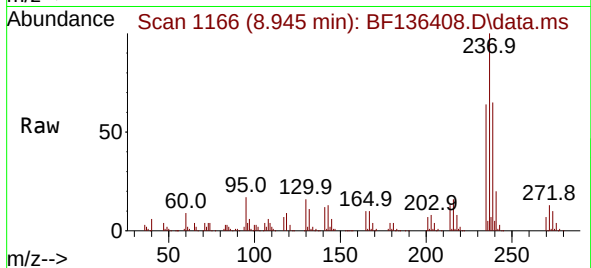
108 17.6 14.1 21.1





#41
Hexachlorocyclopentadiene
Concen: 43.242 ng
RT: 8.945 min Scan# 1166
Delta R.T. 0.000 min
Lab File: BF136408.D
Acq: 05 Dec 2023 16:05

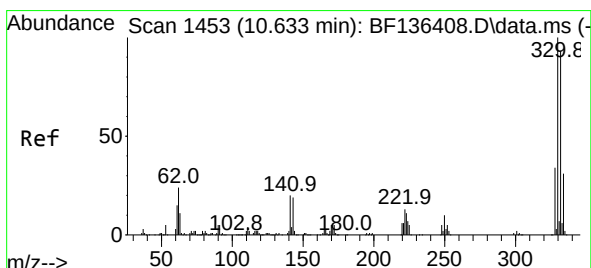
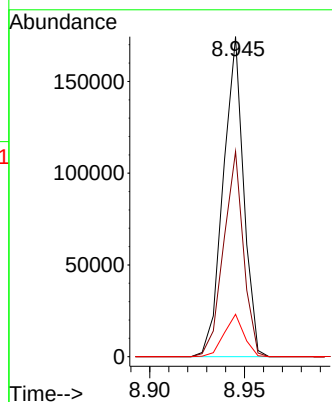
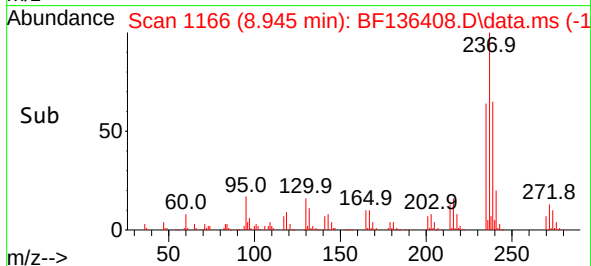
Instrument :
BNA_F
ClientSampleId :
SSTDICCC040



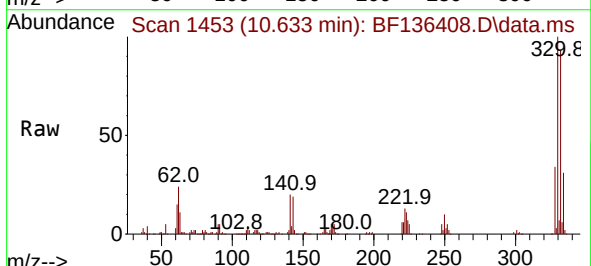
Tgt Ion:237 Resp: 13087
Ion Ratio Lower Upper
237 100
235 64.1 44.1 84.1
272 13.3 0.0 33.3

Manual Integrations
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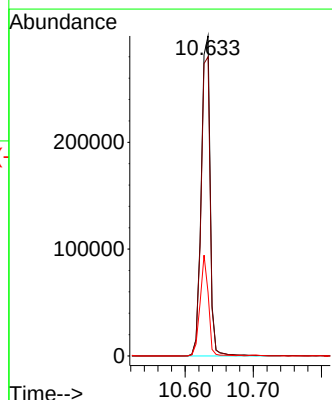
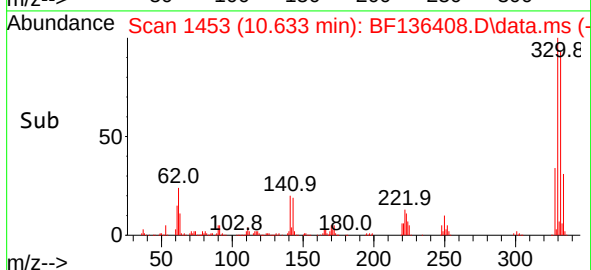
Reviewed By :Yogesh Patel 12/07/2023
Supervised By :mohammad ahmed 12/07/2023

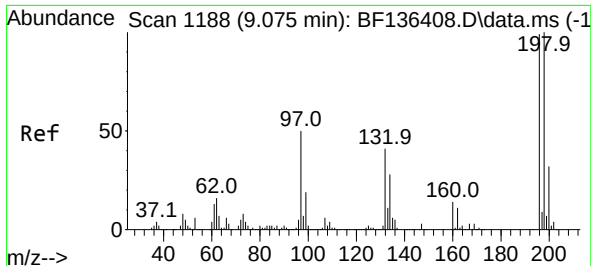


#42
2,4,6-Tribromophenol
Concen: 84.119 ng
RT: 10.633 min Scan# 1453
Delta R.T. 0.000 min
Lab File: BF136408.D
Acq: 05 Dec 2023 16:05



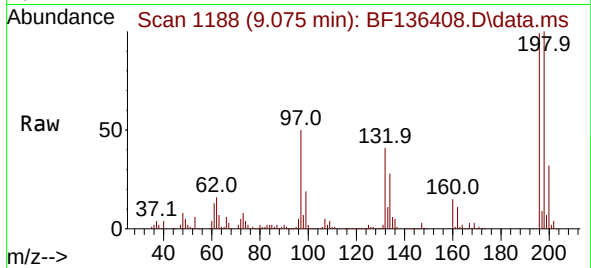
Tgt Ion:330 Resp: 272345
Ion Ratio Lower Upper
330 100
332 95.5 76.4 114.6
141 29.3 23.4 35.2





#43
2,4,6-Trichlorophenol
Concen: 41.862 ng
RT: 9.075 min Scan# 1188
Delta R.T. 0.000 min
Lab File: BF136408.D
Acq: 05 Dec 2023 16:05

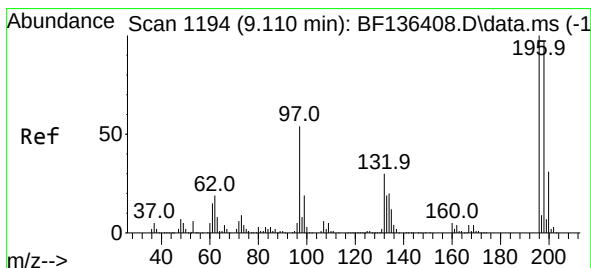
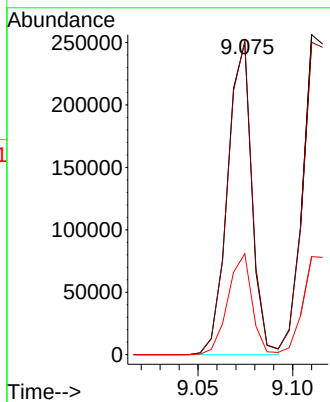
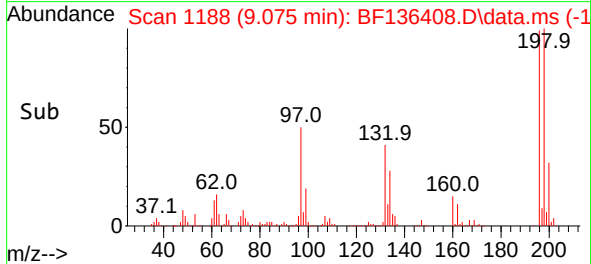
Instrument :
BNA_F
ClientSampleId :
SSTDICCC040



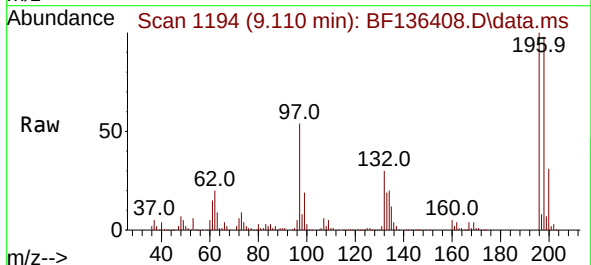
Tgt Ion:196 Resp: 22267
Ion Ratio Lower Upper
196 100
198 100.5 80.4 120.6
200 32.4 25.9 38.9

Manual Integrations
APPROVED

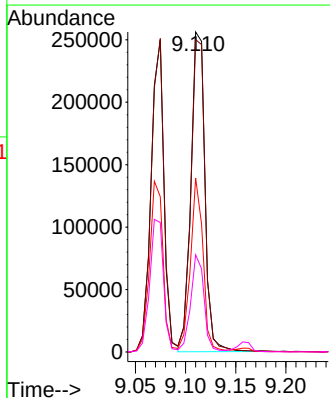
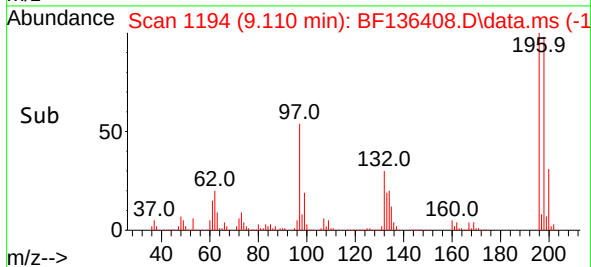
Reviewed By :Yogesh Patel 12/07/2023
Supervised By :mohammad ahmed 12/07/2023

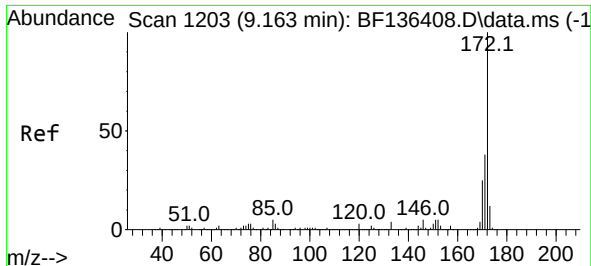


#44
2,4,5-Trichlorophenol
Concen: 42.131 ng
RT: 9.110 min Scan# 1194
Delta R.T. 0.000 min
Lab File: BF136408.D
Acq: 05 Dec 2023 16:05



Tgt Ion:196 Resp: 250124
Ion Ratio Lower Upper
196 100
198 97.6 78.1 117.1
97 54.3 43.4 65.2
132 30.3 24.2 36.4





#45

2-Fluorobiphenyl

Concen: 82.212 ng

RT: 9.163 min Scan# 1203

Delta R.T. 0.000 min

Lab File: BF136408.D

Acq: 05 Dec 2023 16:05

Instrument :

BNA_F

ClientSampleId :

SSTDICCC040

Tgt Ion:172 Resp: 158206

Ion Ratio Lower Upper

172 100

171 38.1 30.5 45.7

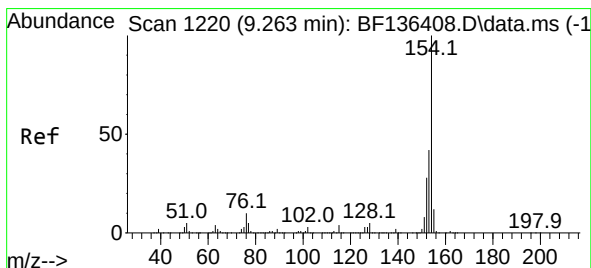
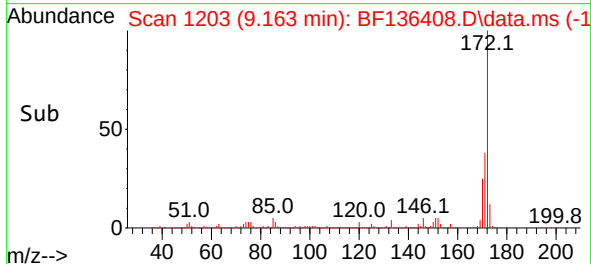
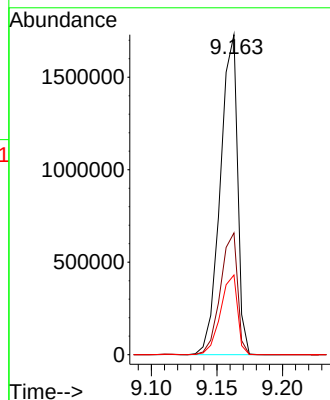
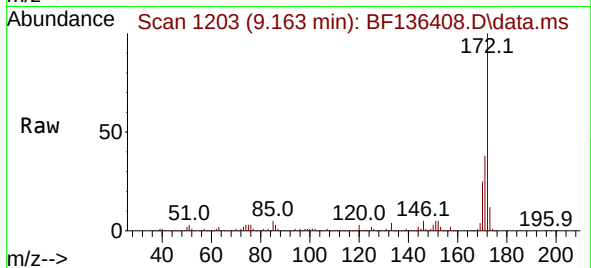
170 24.9 19.9 29.9

Manual Integrations

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Reviewed By :Yogesh Patel 12/07/2023

Supervised By :mohammad ahmed 12/07/2023



#46

1,1'-Biphenyl

Concen: 41.303 ng

RT: 9.263 min Scan# 1220

Delta R.T. 0.000 min

Lab File: BF136408.D

Acq: 05 Dec 2023 16:05

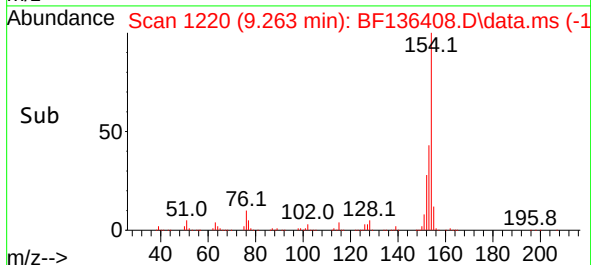
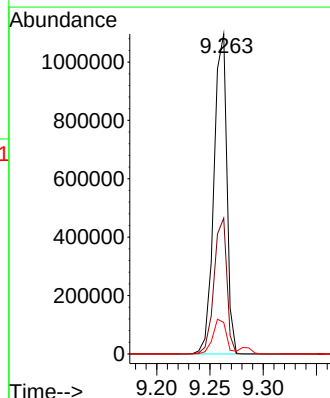
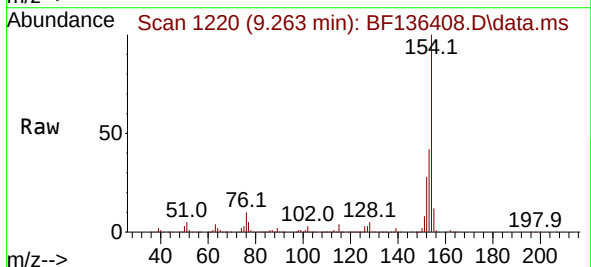
Tgt Ion:154 Resp: 922821

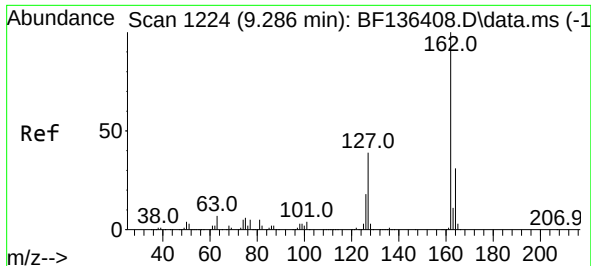
Ion Ratio Lower Upper

154 100

153 42.5 22.5 62.5

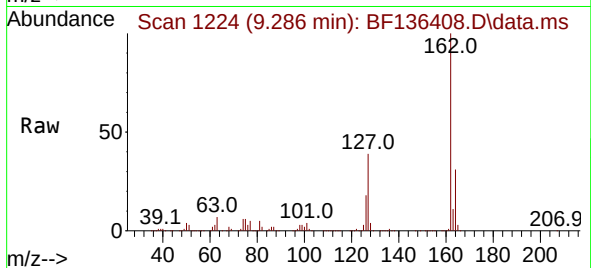
76 9.9 0.0 29.9





#47
2-Chloronaphthalene
Concen: 41.185 ng
RT: 9.286 min Scan# 1224
Delta R.T. 0.000 min
Lab File: BF136408.D
Acq: 05 Dec 2023 16:05

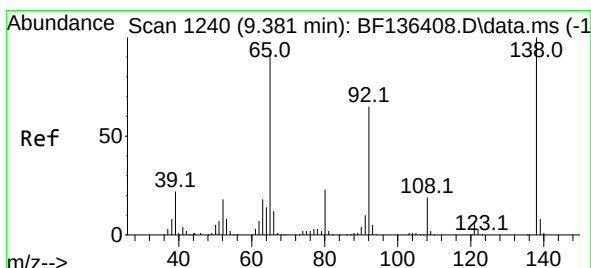
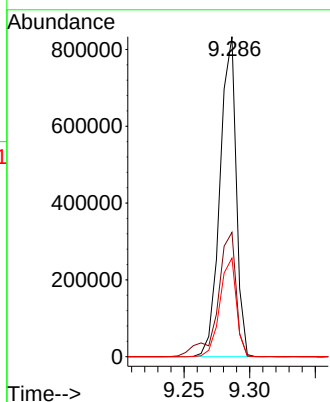
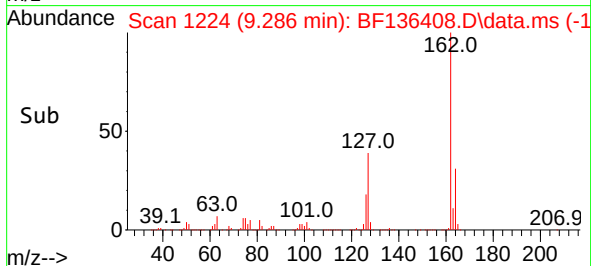
Instrument :
BNA_F
ClientSampleId :
SSTDICCC040



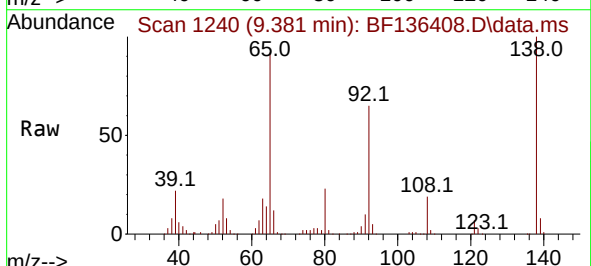
Tgt Ion:162 Resp: 716200
Ion Ratio Lower Upper
162 100
127 38.9 31.1 46.7
164 30.8 24.6 37.0

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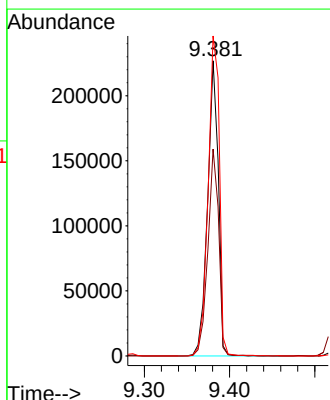
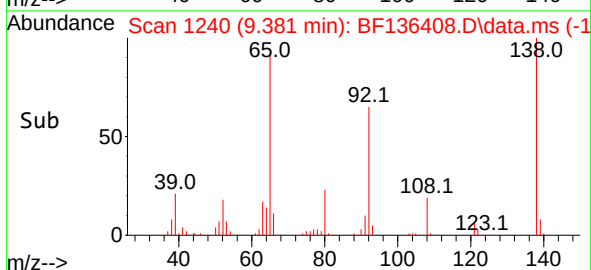
Reviewed By :Yogesh Patel 12/07/2023
Supervised By :mohammad ahmed 12/07/2023

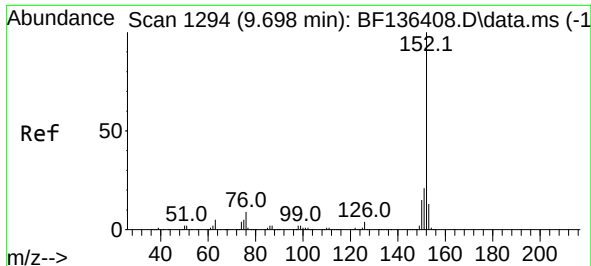


#48
2-Nitroaniline
Concen: 42.523 ng
RT: 9.381 min Scan# 1240
Delta R.T. 0.000 min
Lab File: BF136408.D
Acq: 05 Dec 2023 16:05



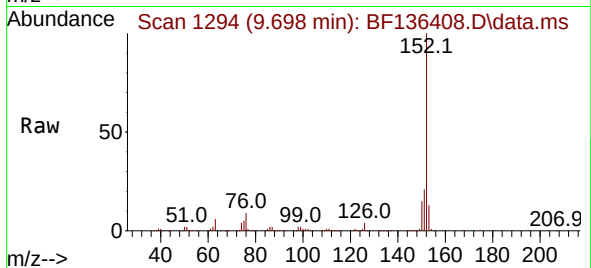
Tgt Ion: 65 Resp: 198329
Ion Ratio Lower Upper
65 100
92 70.1 56.1 84.1
138 108.4 86.7 130.1





#49
Acenaphthylene
Concen: 41.428 ng
RT: 9.698 min Scan# 1294
Delta R.T. 0.000 min
Lab File: BF136408.D
Acq: 05 Dec 2023 16:05

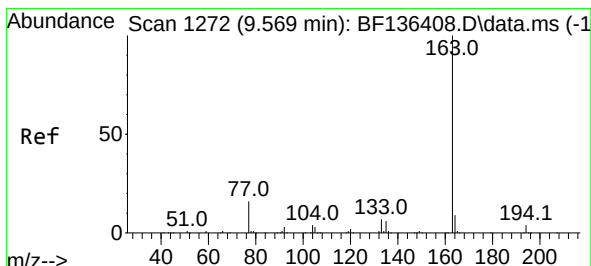
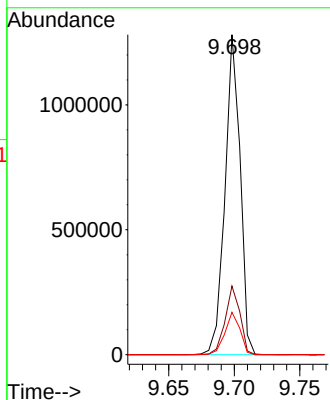
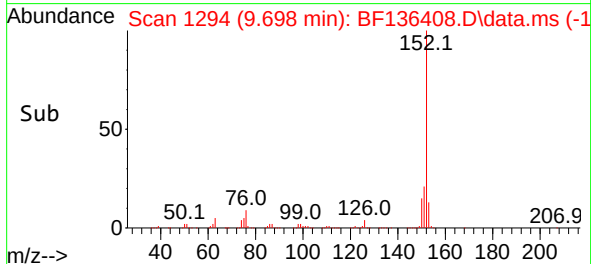
Instrument :
BNA_F
ClientSampleId :
SSTDICCC040



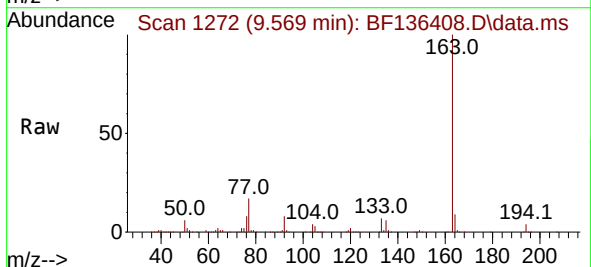
Tgt Ion:152 Resp: 102626
Ion Ratio Lower Upper
152 100
151 21.5 17.2 25.8
153 13.2 10.6 15.8

Manual Integrations
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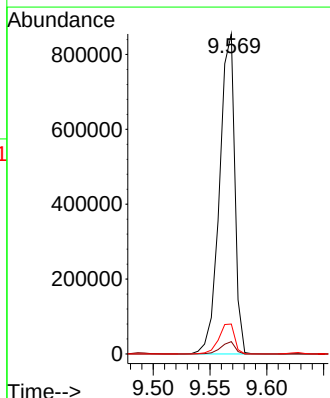
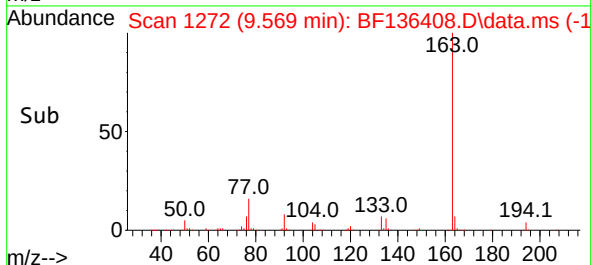
Reviewed By :Yogesh Patel 12/07/2023
Supervised By :mohammad ahmed 12/07/2023

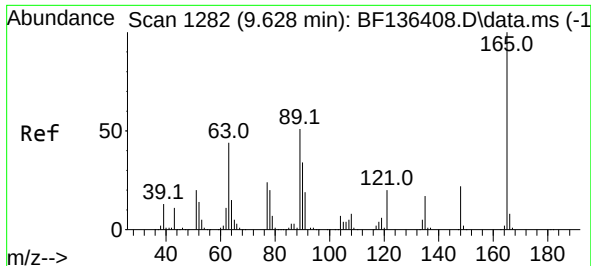


#50
Dimethylphthalate
Concen: 41.396 ng
RT: 9.569 min Scan# 1272
Delta R.T. 0.000 min
Lab File: BF136408.D
Acq: 05 Dec 2023 16:05



Tgt Ion:163 Resp: 800275
Ion Ratio Lower Upper
163 100
194 3.8 3.0 4.6
164 9.3 7.4 11.2





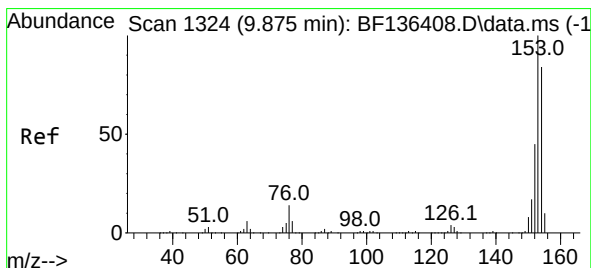
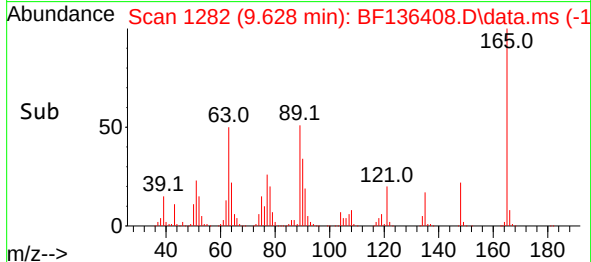
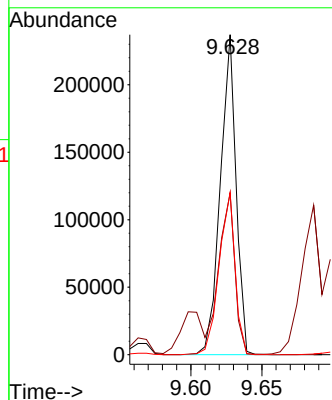
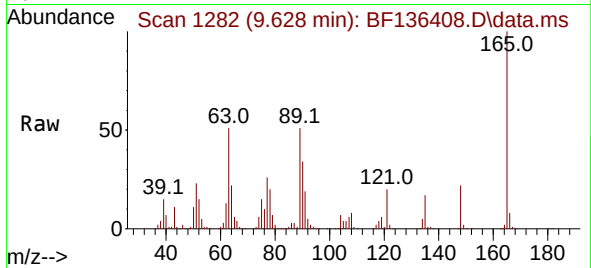
#51
2,6-Dinitrotoluene
Concen: 41.949 ng
RT: 9.628 min Scan# 1282
Delta R.T. 0.000 min
Lab File: BF136408.D
Acq: 05 Dec 2023 16:05

Instrument :
BNA_F
ClientSampleId :
SSTDICCC040

Tgt Ion:165 Resp: 18244
Ion Ratio Lower Upper
165 100
63 50.5 40.4 60.6
89 50.7 40.6 60.8

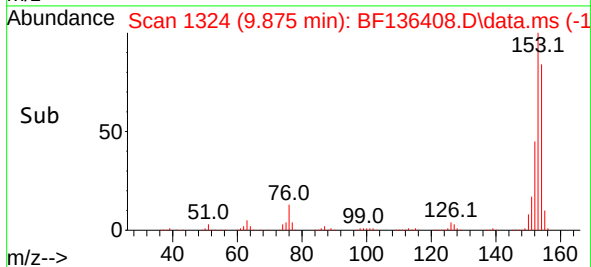
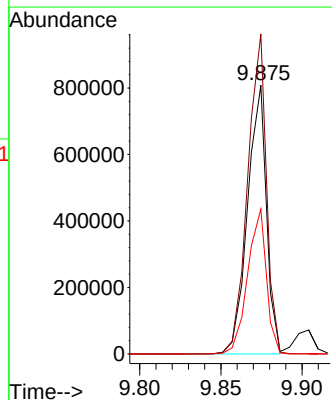
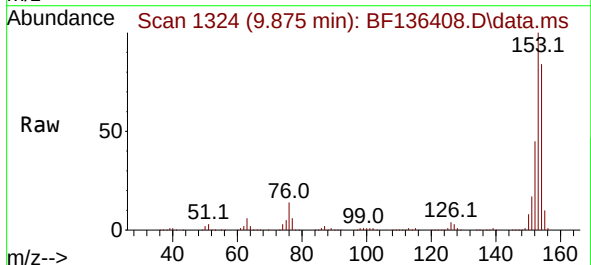
Manual Integrations
APPROVED

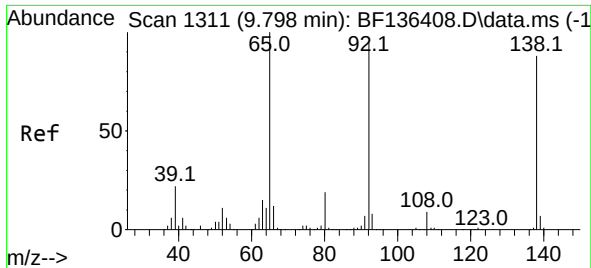
Reviewed By :Yogesh Patel 12/07/2023
Supervised By :mohammad ahmed 12/07/2023



#52
Acenaphthene
Concen: 41.349 ng m
RT: 9.875 min Scan# 1324
Delta R.T. 0.000 min
Lab File: BF136408.D
Acq: 05 Dec 2023 16:05

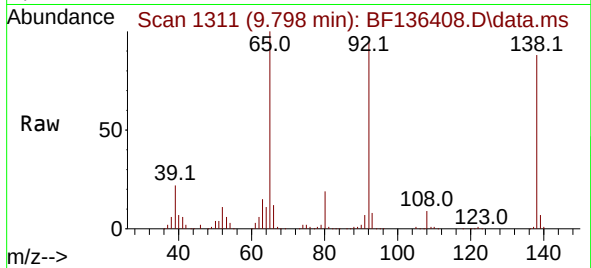
Tgt Ion:154 Resp: 656254
Ion Ratio Lower Upper
154 100
153 119.1 95.3 142.9
152 54.0 43.2 64.8





#53
3-Nitroaniline
Concen: 42.096 ng
RT: 9.798 min Scan# 1311
Delta R.T. 0.000 min
Lab File: BF136408.D
Acq: 05 Dec 2023 16:05

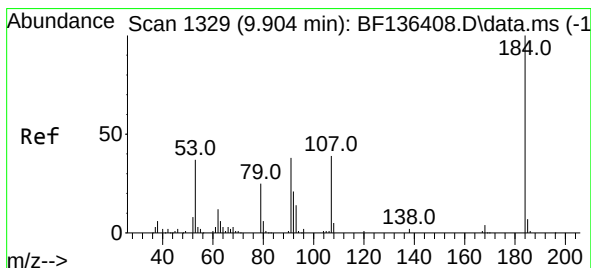
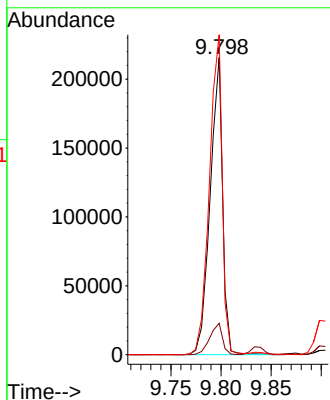
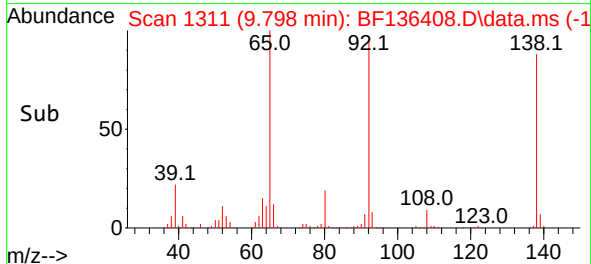
Instrument :
BNA_F
ClientSampleId :
SSTDICCC040



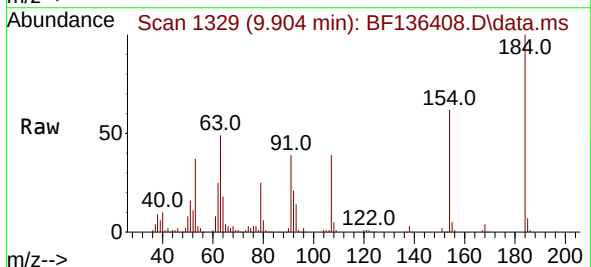
Tgt Ion:138 Resp: 186950
Ion Ratio Lower Upper
138 100
108 10.6 8.5 12.7
92 107.6 86.1 129.1

Manual Integrations
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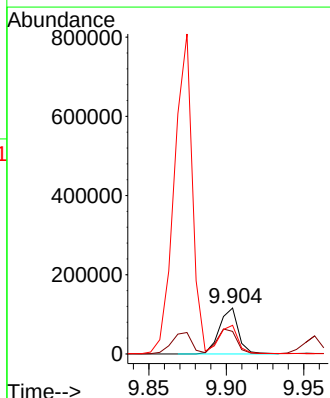
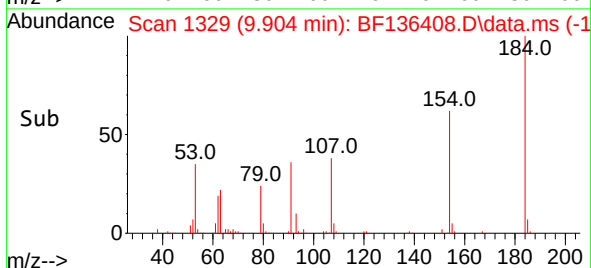
Reviewed By :Yogesh Patel 12/07/2023
Supervised By :mohammad ahmed 12/07/2023

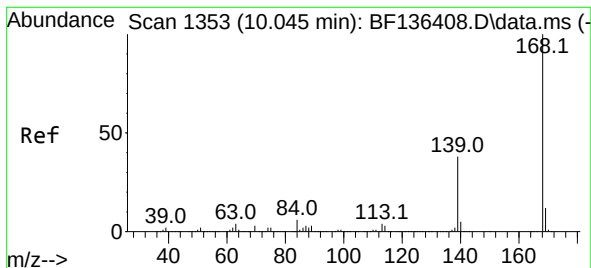


#54
2,4-Dinitrophenol
Concen: 45.064 ng
RT: 9.904 min Scan# 1329
Delta R.T. 0.000 min
Lab File: BF136408.D
Acq: 05 Dec 2023 16:05



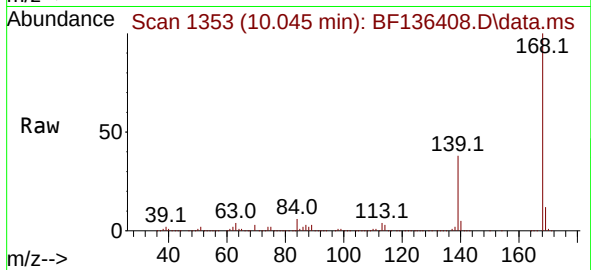
Tgt Ion:184 Resp: 99092
Ion Ratio Lower Upper
184 100
63 48.9 39.1 58.7
154 62.4 49.9 74.9





#55
Dibenzenofuran
Concen: 41.257 ng
RT: 10.045 min Scan# 1353
Delta R.T. 0.000 min
Lab File: BF136408.D
Acq: 05 Dec 2023 16:05

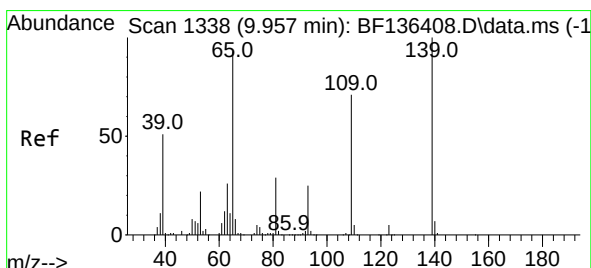
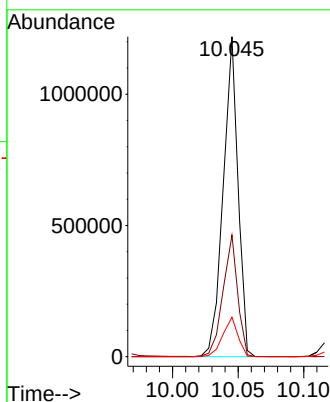
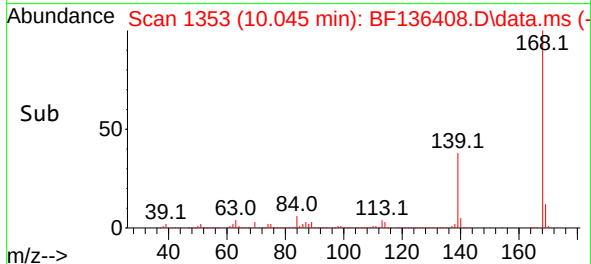
Instrument :
BNA_F
ClientSampleId :
SSTDICCC040



Tgt Ion:168 Resp: 956779
Ion Ratio Lower Upper
168 100
139 38.0 30.4 45.6
169 12.4 9.9 14.9

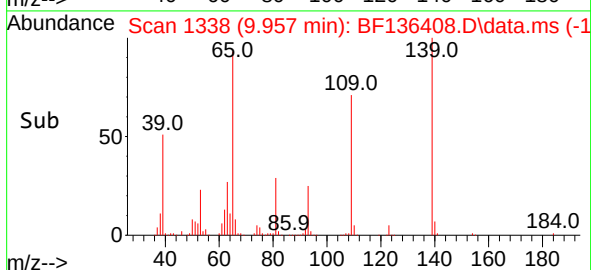
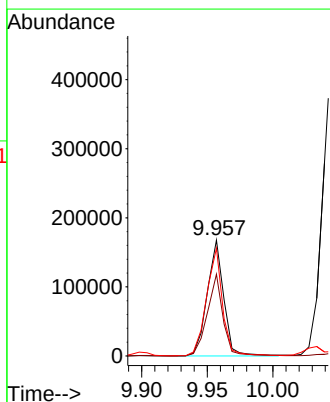
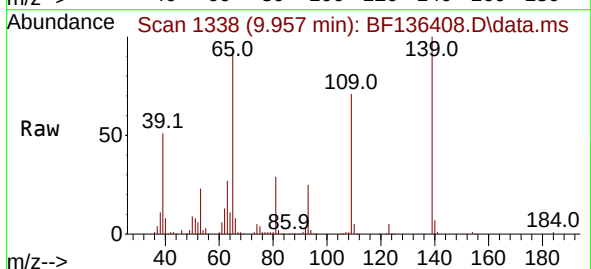
Manual Integrations
APPROVED

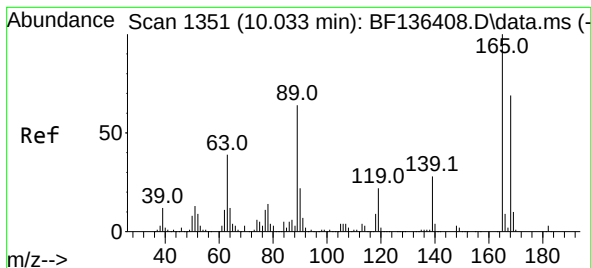
Reviewed By :Yogesh Patel 12/07/2023
Supervised By :mohammad ahmed 12/07/2023



#56
4-Nitrophenol
Concen: 44.098 ng
RT: 9.957 min Scan# 1338
Delta R.T. 0.000 min
Lab File: BF136408.D
Acq: 05 Dec 2023 16:05

Tgt Ion:139 Resp: 146818
Ion Ratio Lower Upper
139 100
109 70.6 50.6 90.6
65 93.1 73.1 113.1





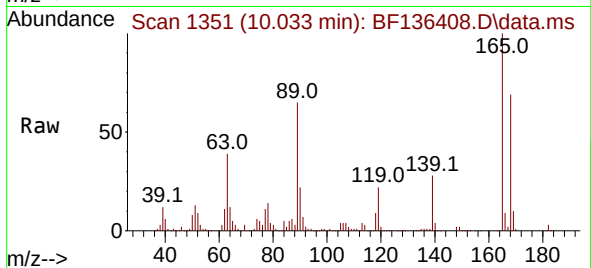
#57
2,4-Dinitrotoluene
Concen: 42.275 ng
RT: 10.033 min Scan# 1351
Delta R.T. 0.000 min
Lab File: BF136408.D
Acq: 05 Dec 2023 16:05

Instrument :

BNA_F

ClientSampleId :

SSTDICCC040

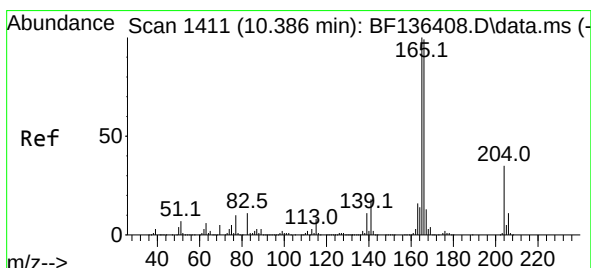
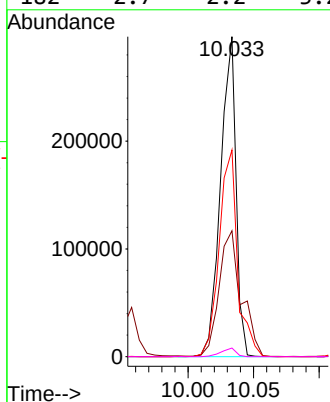
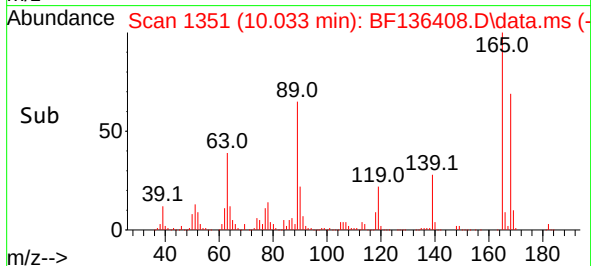


Tgt Ion:165 Resp: 243225
Ion Ratio Lower Upper
165 100
63 39.3 31.4 47.2
89 64.6 51.7 77.5
182 2.7 2.2 3.2

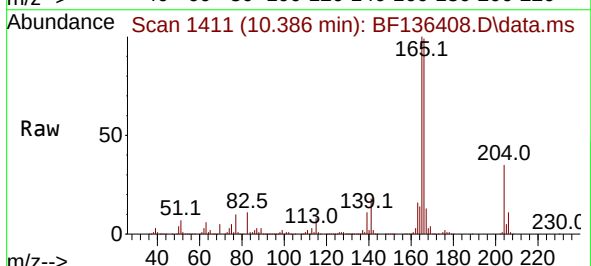
Manual Integrations

APPROVED

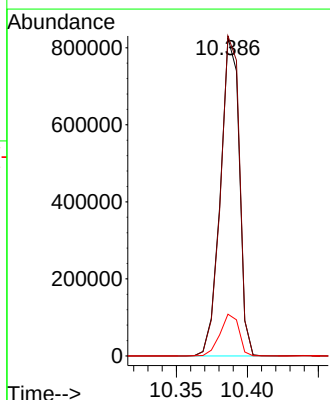
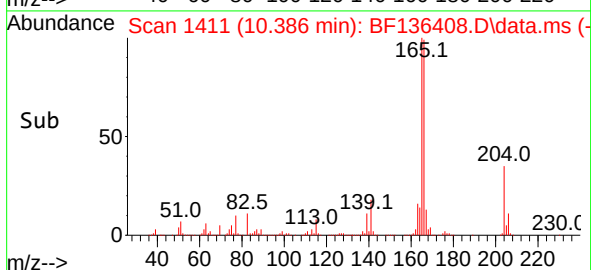
Reviewed By :Yogesh Patel 12/07/2023
Supervised By :mohammad ahmed 12/07/2023

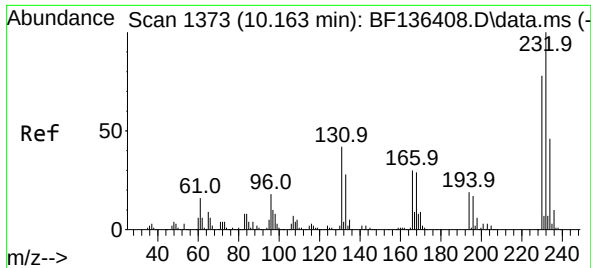


#58
Fluorene
Concen: 40.934 ng
RT: 10.386 min Scan# 1411
Delta R.T. 0.000 min
Lab File: BF136408.D
Acq: 05 Dec 2023 16:05



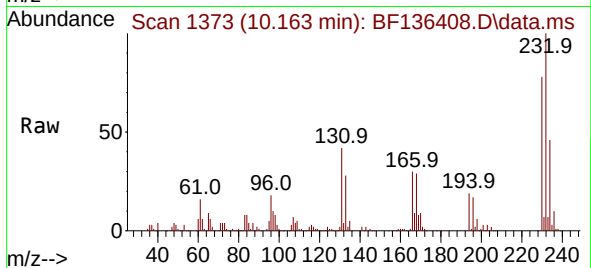
Tgt Ion:166 Resp: 762011
Ion Ratio Lower Upper
166 100
165 100.6 80.5 120.7
167 13.1 10.5 15.7





#59
2,3,4,6-Tetrachlorophenol
Concen: 42.022 ng
RT: 10.163 min Scan# 1373
Delta R.T. 0.000 min
Lab File: BF136408.D
Acq: 05 Dec 2023 16:05

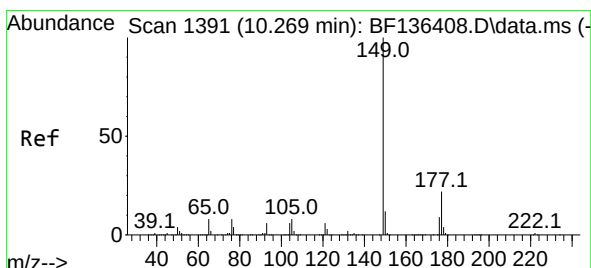
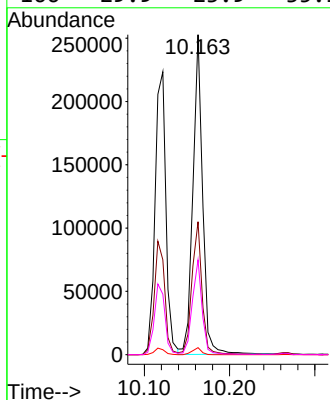
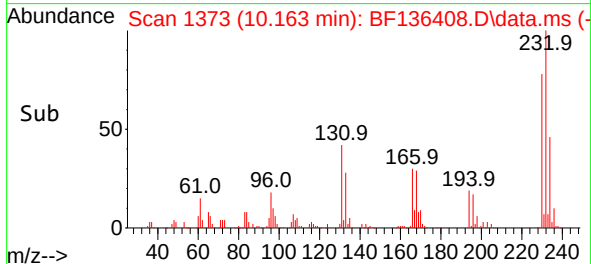
Instrument :
BNA_F
ClientSampleId :
SSTDICCC040



Tgt Ion:232 Resp: 19983
Ion Ratio Lower Upper
232 100
131 42.9 34.3 51.5
130 2.0 1.6 2.4
166 29.9 23.9 35.9

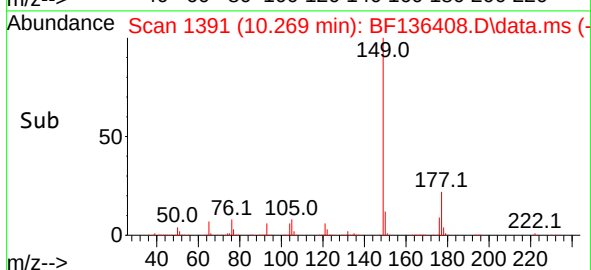
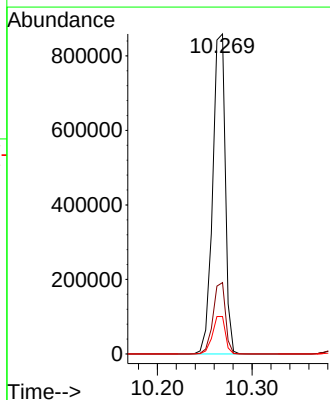
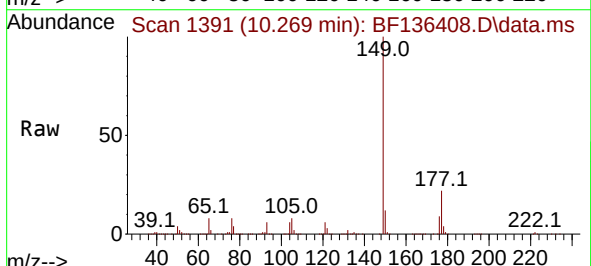
Manual Integrations
APPROVED

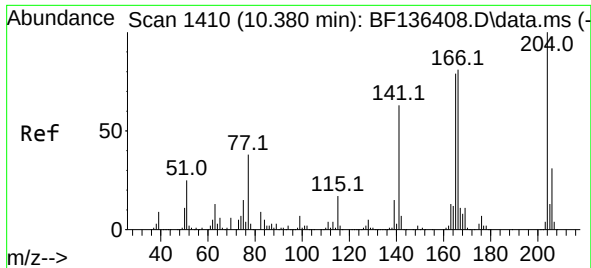
Reviewed By :Yogesh Patel 12/07/2023
Supervised By :mohammad ahmed 12/07/2023



#60
Diethylphthalate
Concen: 41.634 ng
RT: 10.269 min Scan# 1391
Delta R.T. 0.000 min
Lab File: BF136408.D
Acq: 05 Dec 2023 16:05

Tgt Ion:149 Resp: 791446
Ion Ratio Lower Upper
149 100
177 22.3 17.8 26.8
150 11.7 9.4 14.0





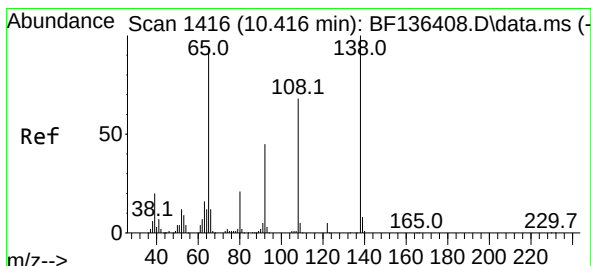
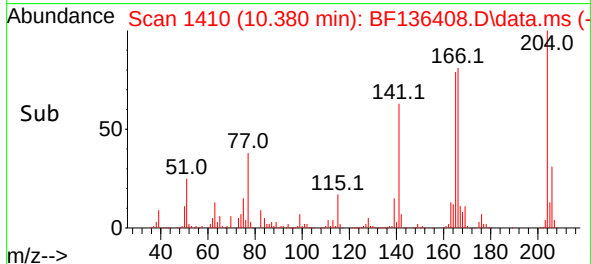
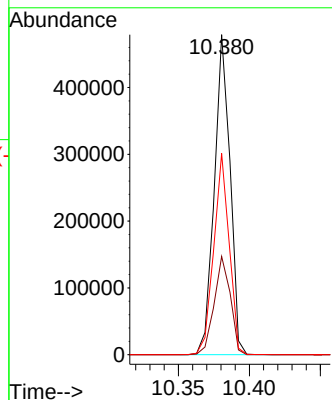
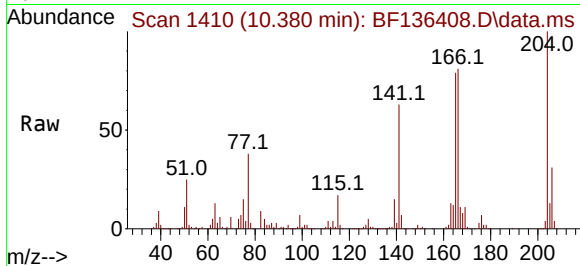
#61
4-Chlorophenyl-phenylether
Concen: 40.608 ng
RT: 10.380 min Scan# 1410
Delta R.T. 0.000 min
Lab File: BF136408.D
Acq: 05 Dec 2023 16:05

Instrument :
BNA_F
ClientSampleId :
SSTDICCC040

Tgt Ion:204 Resp: 36852
Ion Ratio Lower Upper
204 100
206 30.7 24.6 36.8
141 62.9 50.3 75.5

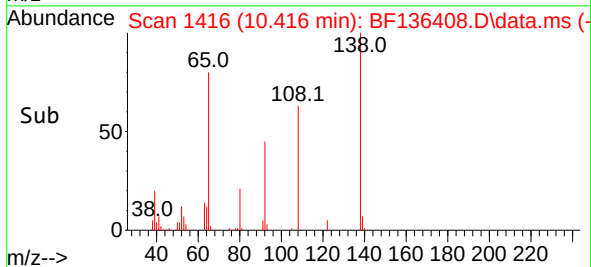
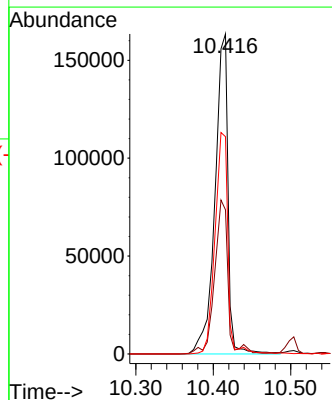
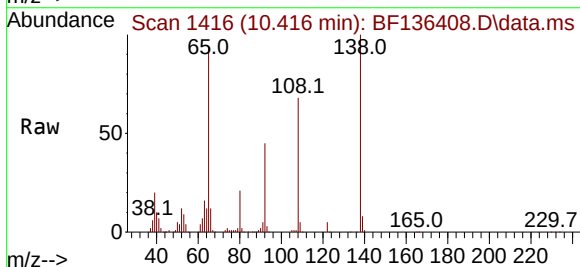
Manual Integrations
APPROVED

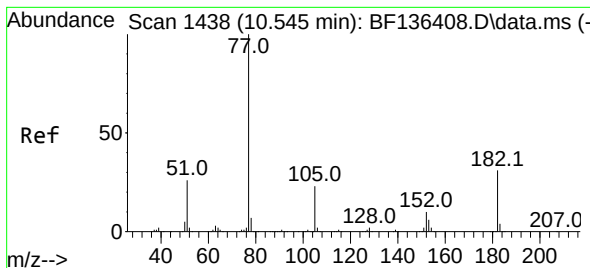
Reviewed By :Yogesh Patel 12/07/2023
Supervised By :mohammad ahmed 12/07/2023



#62
4-Nitroaniline
Concen: 43.338 ng
RT: 10.416 min Scan# 1416
Delta R.T. 0.000 min
Lab File: BF136408.D
Acq: 05 Dec 2023 16:05

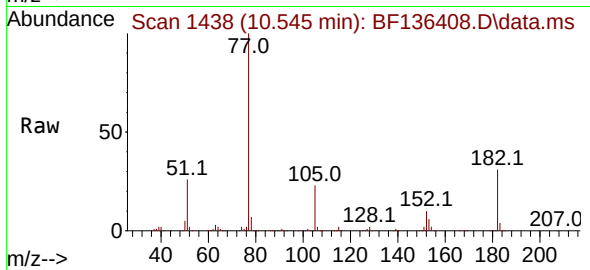
Tgt Ion:138 Resp: 191118
Ion Ratio Lower Upper
138 100
92 45.0 25.0 65.0
108 67.9 47.9 87.9





#63
Azobenzene
Concen: 41.501 ng
RT: 10.545 min Scan# 1438
Delta R.T. 0.000 min
Lab File: BF136408.D
Acq: 05 Dec 2023 16:05

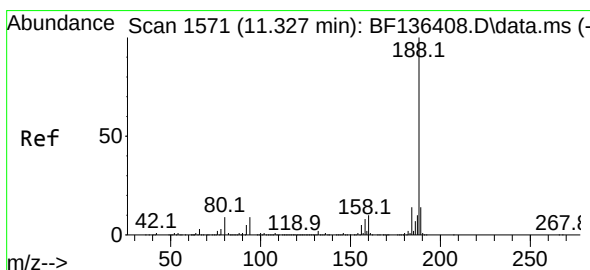
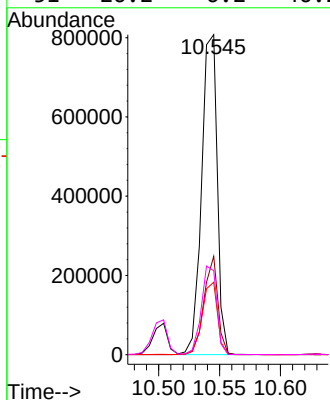
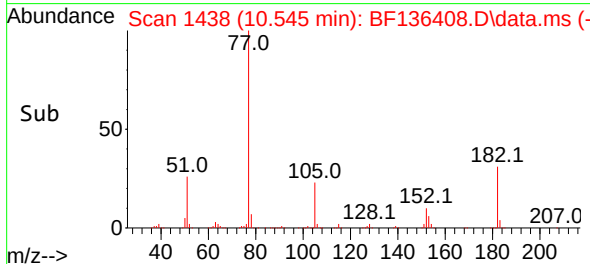
Instrument :
BNA_F
ClientSampleId :
SSTDICCC040



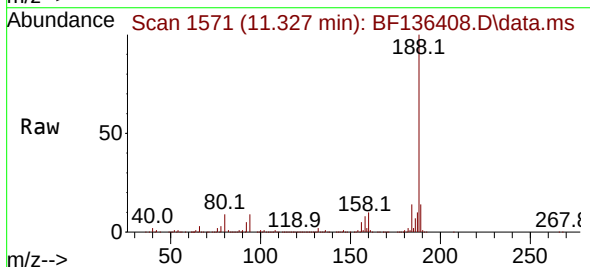
Tgt Ion: 77 Resp: 718094
Ion Ratio Lower Upper
77 100
182 30.8 10.8 50.8
105 22.6 2.6 42.6
51 26.2 6.2 46.2

Manual Integrations
APPROVED

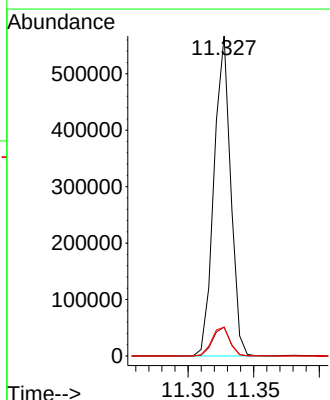
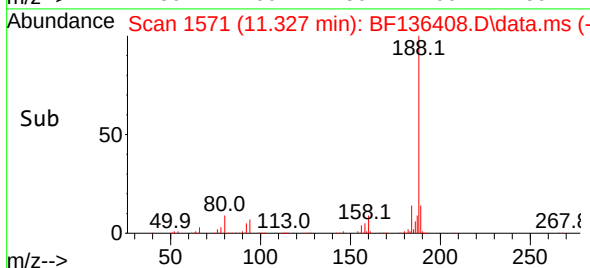
Reviewed By :Yogesh Patel 12/07/2023
Supervised By :mohammad ahmed 12/07/2023

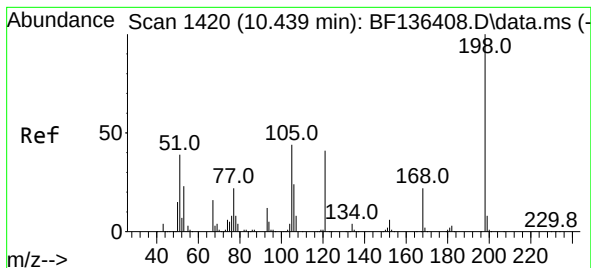


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.327 min Scan# 1571
Delta R.T. 0.000 min
Lab File: BF136408.D
Acq: 05 Dec 2023 16:05



Tgt Ion:188 Resp: 499511
Ion Ratio Lower Upper
188 100
94 9.0 7.2 10.8
80 9.0 7.2 10.8





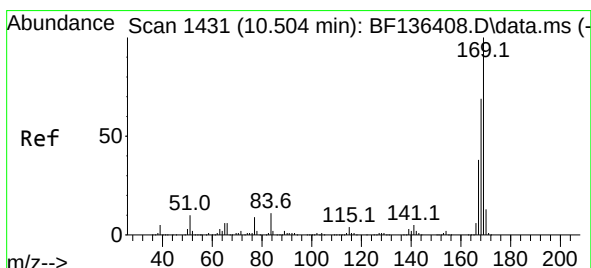
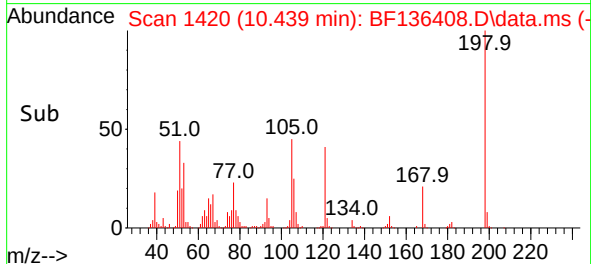
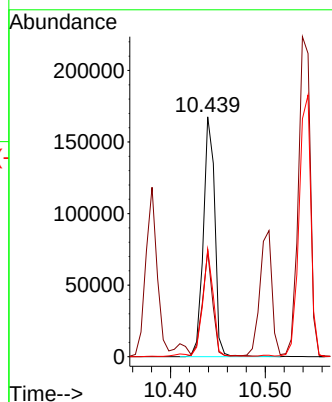
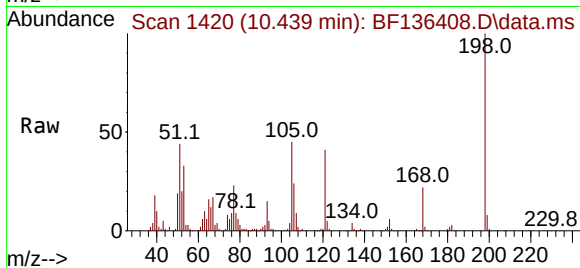
#65
4,6-Dinitro-2-methylphenol
Concen: 45.597 ng
RT: 10.439 min Scan# 1420
Delta R.T. 0.000 min
Lab File: BF136408.D
Acq: 05 Dec 2023 16:05

Instrument :
BNA_F
ClientSampleId :
SSTDICCC040

Tgt Ion:198 Resp: 141050
Ion Ratio Lower Upper
198 100
51 44.1 24.1 64.1
105 44.8 24.8 64.8

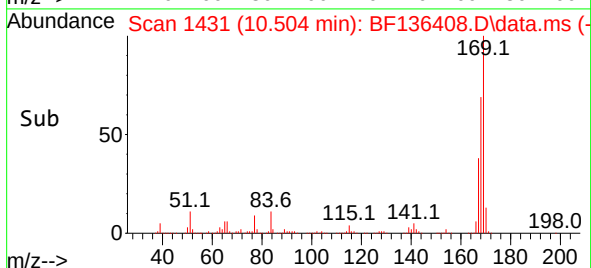
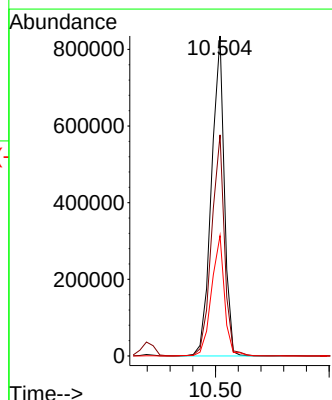
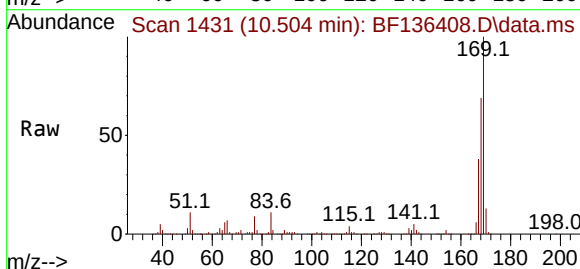
Manual Integrations
APPROVED

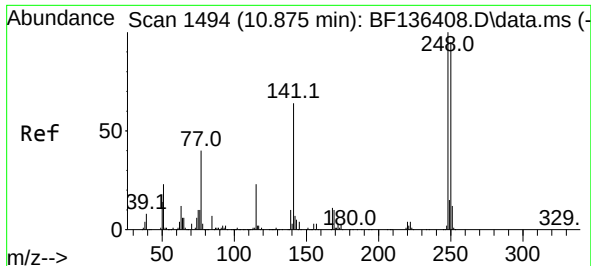
Reviewed By :Yogesh Patel 12/07/2023
Supervised By :mohammad ahmed 12/07/2023



#66
n-Nitrosodiphenylamine
Concen: 40.755 ng
RT: 10.504 min Scan# 1431
Delta R.T. 0.000 min
Lab File: BF136408.D
Acq: 05 Dec 2023 16:05

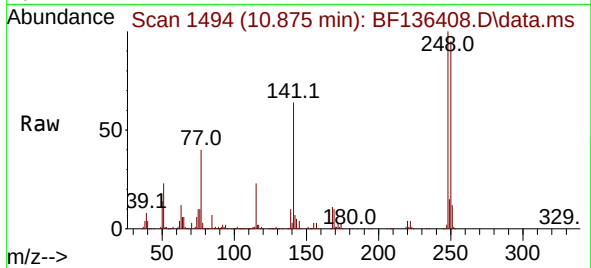
Tgt Ion:169 Resp: 653230
Ion Ratio Lower Upper
169 100
168 69.1 55.3 82.9
167 37.6 30.1 45.1





#67
4-Bromophenyl-phenylether
Concen: 41.760 ng
RT: 10.875 min Scan# 1494
Delta R.T. 0.000 min
Lab File: BF136408.D
Acq: 05 Dec 2023 16:05

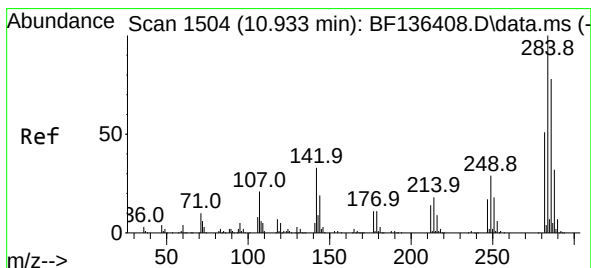
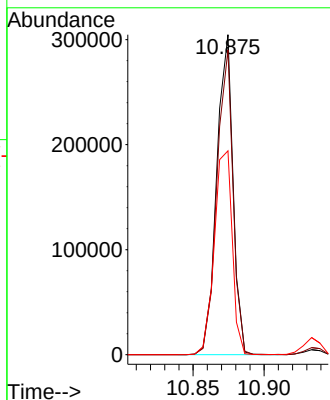
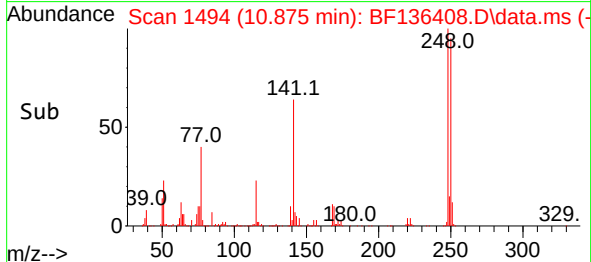
Instrument :
BNA_F
ClientSampleId :
SSTDICCC040



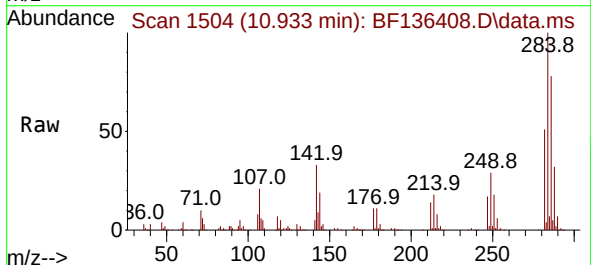
Tgt Ion:248 Resp: 242524
Ion Ratio Lower Upper
248 100
250 95.2 76.2 114.2
141 63.7 51.0 76.4

Manual Integrations
APPROVED

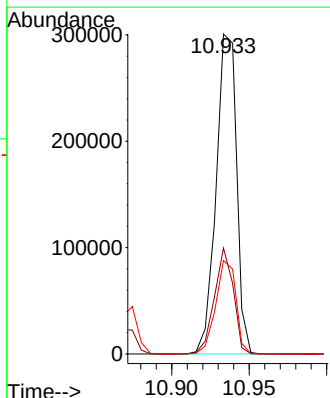
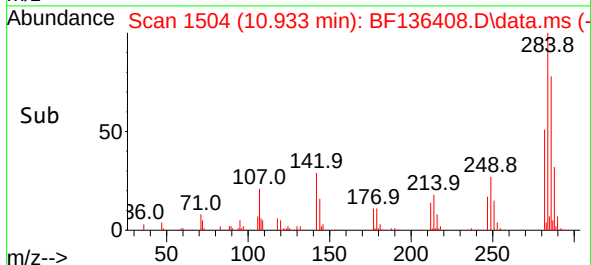
Reviewed By :Yogesh Patel 12/07/2023
Supervised By :mohammad ahmed 12/07/2023

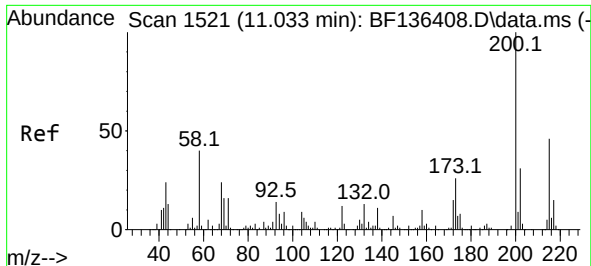


#68
Hexachlorobenzene
Concen: 41.268 ng
RT: 10.933 min Scan# 1504
Delta R.T. 0.000 min
Lab File: BF136408.D
Acq: 05 Dec 2023 16:05



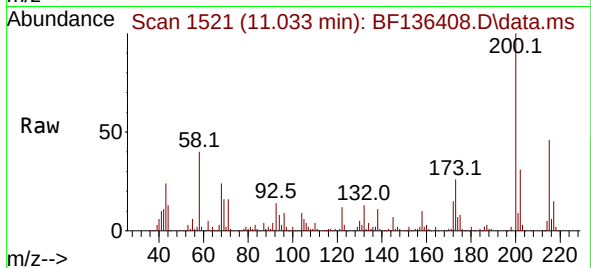
Tgt Ion:284 Resp: 277006
Ion Ratio Lower Upper
284 100
142 33.1 26.5 39.7
249 29.2 23.4 35.0





#69
Atrazine
Concen: 38.718 ng
RT: 11.033 min Scan# 1521
Delta R.T. 0.000 min
Lab File: BF136408.D
Acq: 05 Dec 2023 16:05

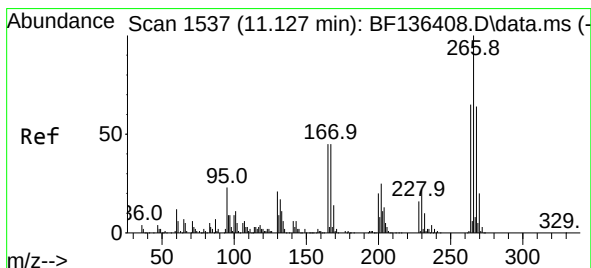
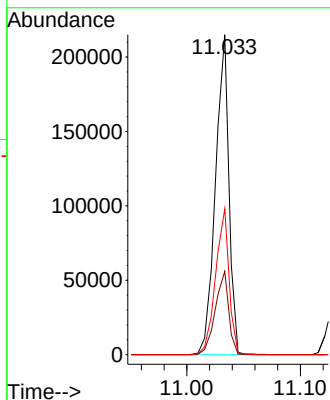
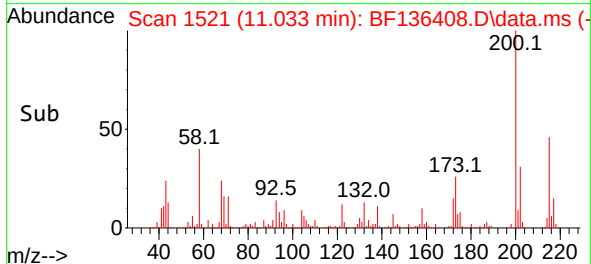
Instrument :
BNA_F
ClientSampleId :
SSTDICCC040



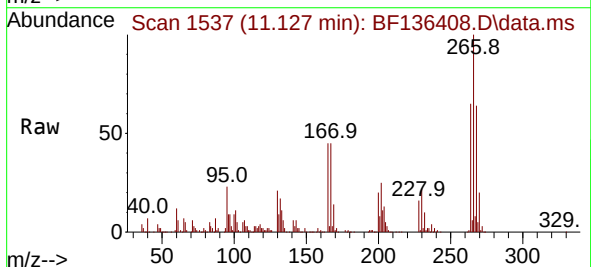
Tgt Ion:200 Resp: 17712
Ion Ratio Lower Upper
200 100
173 26.0 6.0 46.0
215 45.5 25.5 65.5

Manual Integrations
APPROVED

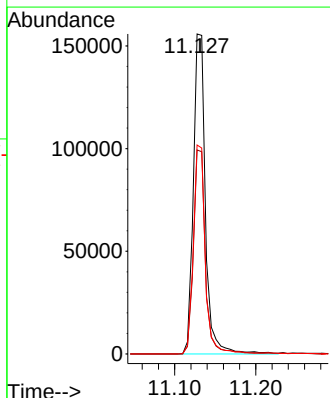
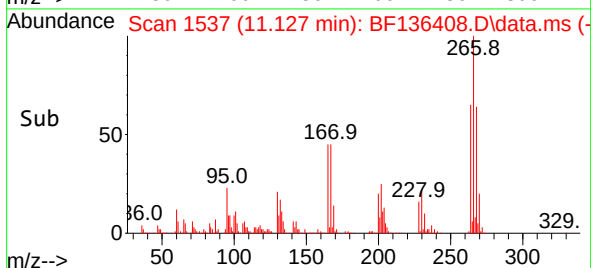
Reviewed By :Yogesh Patel 12/07/2023
Supervised By :mohammad ahmed 12/07/2023

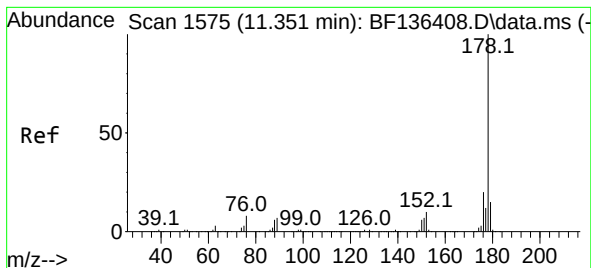


#70
Pentachlorophenol
Concen: 42.911 ng
RT: 11.127 min Scan# 1537
Delta R.T. 0.000 min
Lab File: BF136408.D
Acq: 05 Dec 2023 16:05



Tgt Ion:266 Resp: 162560
Ion Ratio Lower Upper
266 100
268 63.8 51.0 76.6
264 65.3 52.2 78.4





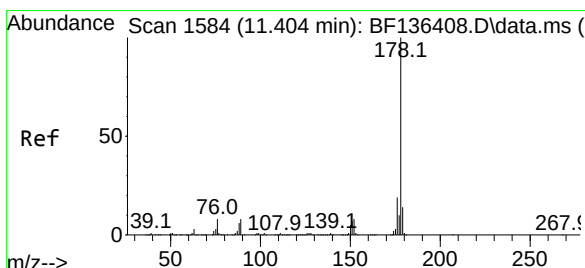
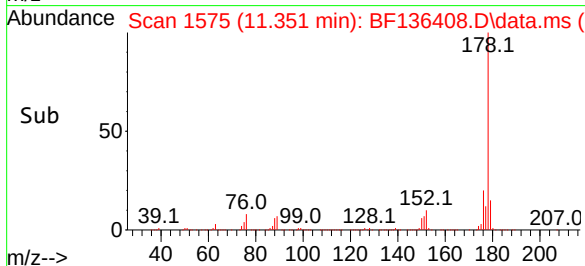
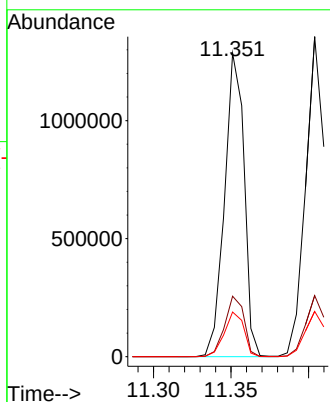
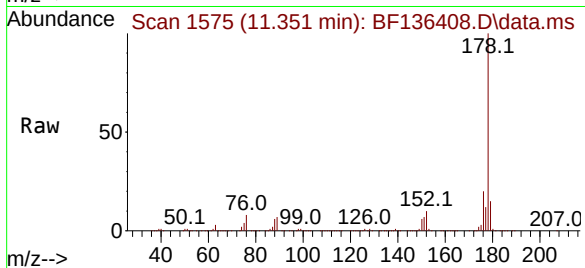
#71
Phenanthrene
Concen: 41.111 ng
RT: 11.351 min Scan# 1575
Delta R.T. 0.000 min
Lab File: BF136408.D
Acq: 05 Dec 2023 16:05

Instrument :
BNA_F
ClientSampleId :
SSTDICCC040

Tgt Ion:178 Resp: 1128725
Ion Ratio Lower Upper
178 100
176 19.9 15.9 23.9
179 14.7 11.8 17.6

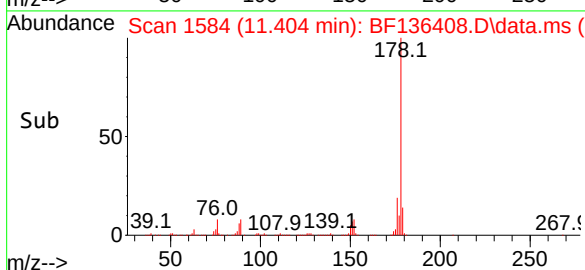
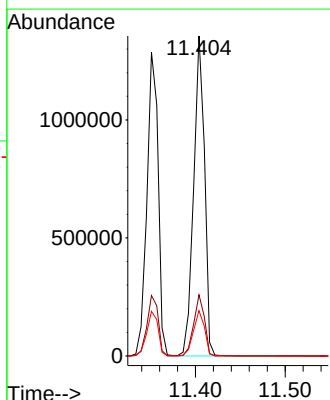
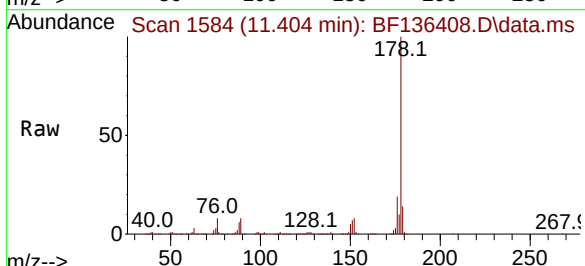
Manual Integrations
APPROVED

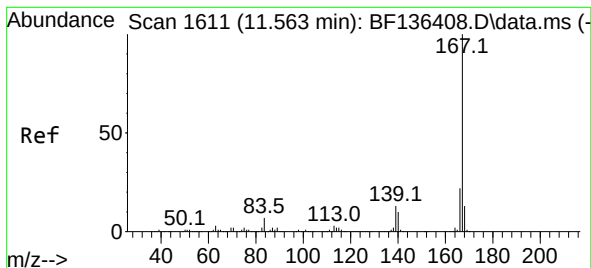
Reviewed By :Yogesh Patel 12/07/2023
Supervised By :mohammad ahmed 12/07/2023



#72
Anthracene
Concen: 41.232 ng
RT: 11.404 min Scan# 1584
Delta R.T. 0.000 min
Lab File: BF136408.D
Acq: 05 Dec 2023 16:05

Tgt Ion:178 Resp: 1140216
Ion Ratio Lower Upper
178 100
176 19.1 15.3 22.9
179 14.2 11.4 17.0





#73

Carbazole

Concen: 41.596 ng

RT: 11.563 min Scan# 1611

Delta R.T. 0.000 min

Lab File: BF136408.D

Acq: 05 Dec 2023 16:05

Instrument :

BNA_F

ClientSampleId :

SSTDICCC040

Tgt Ion:167 Resp: 1018070

Ion Ratio Lower Upper

167 100

166 22.5 18.0 27.0

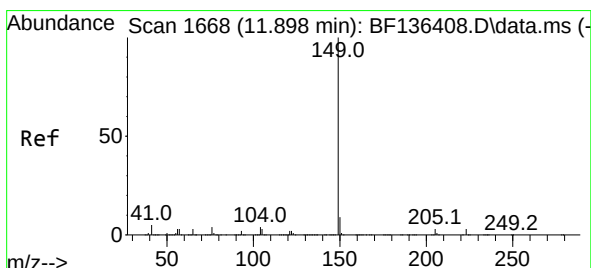
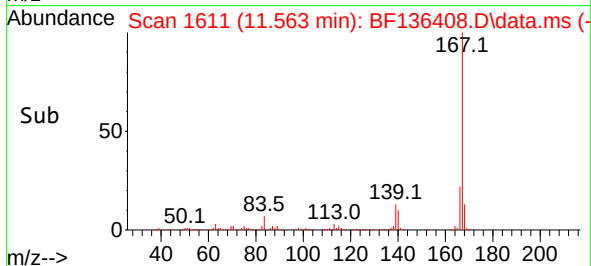
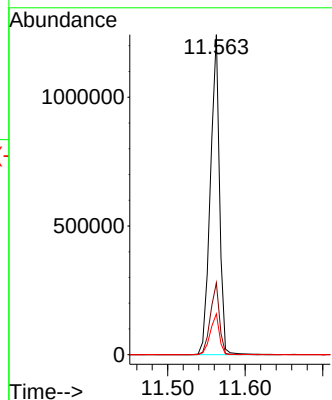
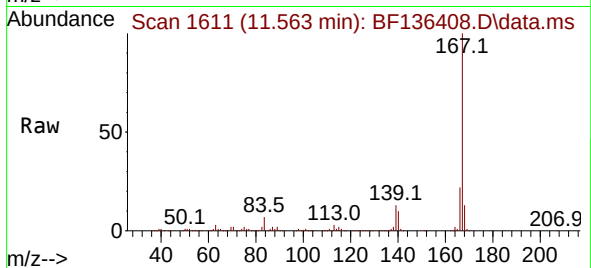
139 12.8 10.2 15.4

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 12/07/2023

Supervised By :mohammad ahmed 12/07/2023



#74

Di-n-butylphthalate

Concen: 41.725 ng

RT: 11.898 min Scan# 1668

Delta R.T. 0.000 min

Lab File: BF136408.D

Acq: 05 Dec 2023 16:05

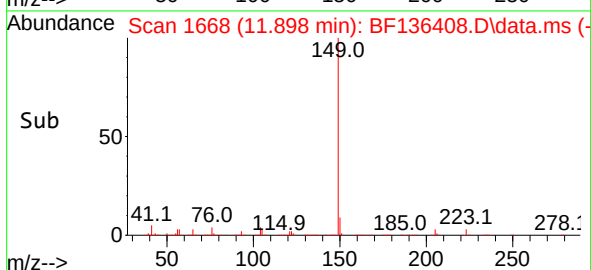
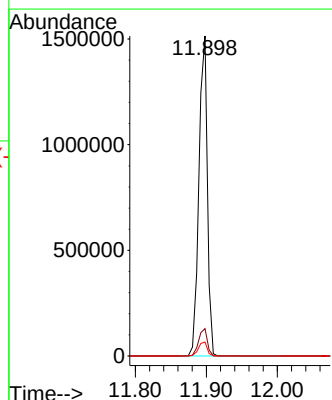
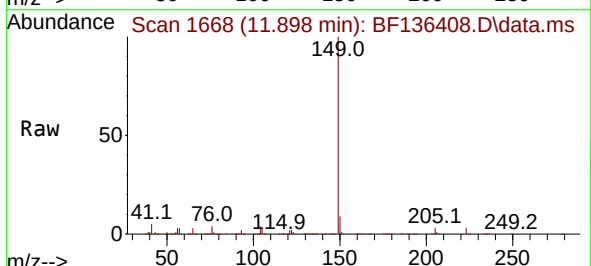
Tgt Ion:149 Resp: 1251931

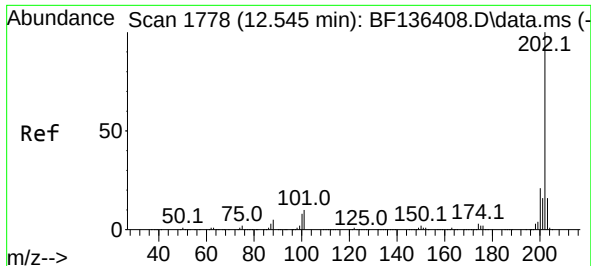
Ion Ratio Lower Upper

149 100

150 8.6 6.9 10.3

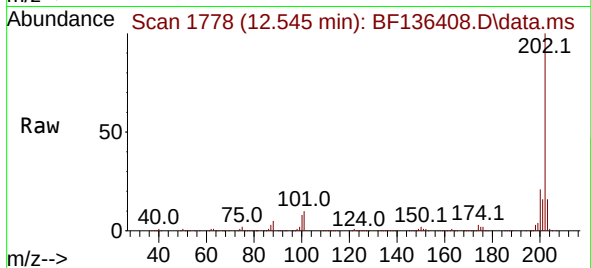
104 4.4 3.5 5.3





#75
Fluoranthene
Concen: 41.493 ng
RT: 12.545 min Scan# 11
Delta R.T. 0.000 min
Lab File: BF136408.D
Acq: 05 Dec 2023 16:05

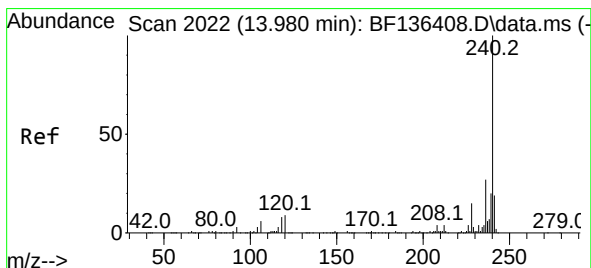
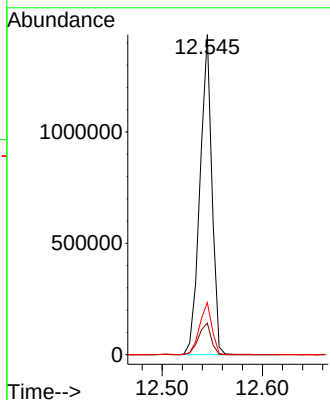
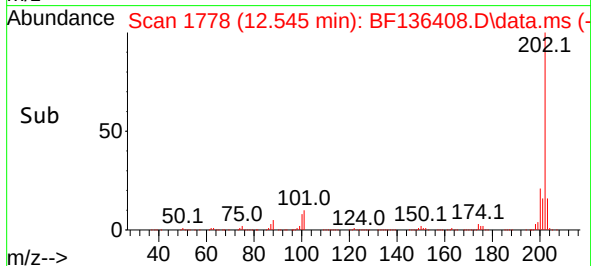
Instrument :
BNA_F
ClientSampleId :
SSTDICCC040



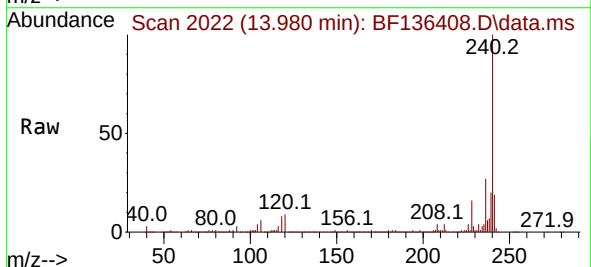
Tgt Ion:202 Resp: 119382
Ion Ratio Lower Upper
202 100
101 9.9 0.0 29.9
203 16.3 0.0 36.3

Manual Integrations
APPROVED

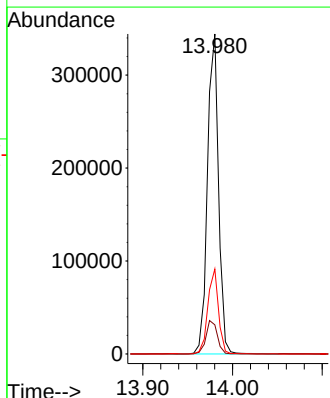
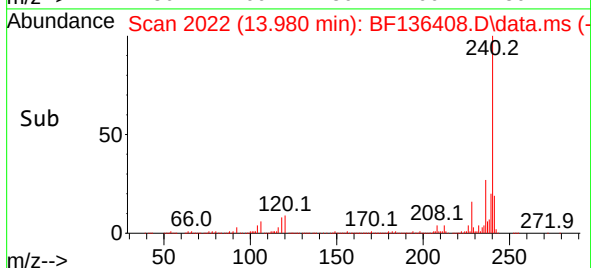
Reviewed By :Yogesh Patel 12/07/2023
Supervised By :mohammad ahmed 12/07/2023

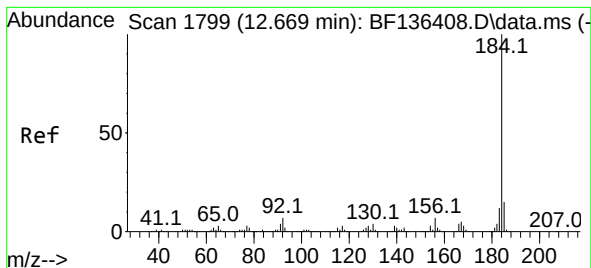


#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.980 min Scan# 2022
Delta R.T. 0.000 min
Lab File: BF136408.D
Acq: 05 Dec 2023 16:05



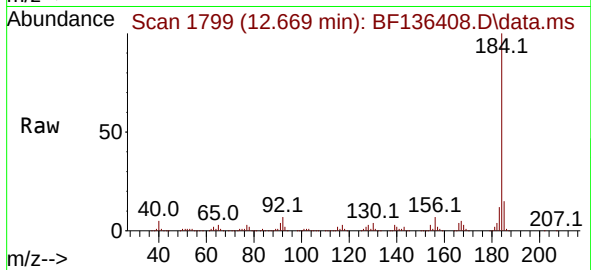
Tgt Ion:240 Resp: 294765
Ion Ratio Lower Upper
240 100
120 9.1 7.3 10.9
236 26.6 21.3 31.9





#77
Benzidine
Concen: 38.257 ng
RT: 12.669 min Scan# 1799
Delta R.T. -0.000 min
Lab File: BF136408.D
Acq: 05 Dec 2023 16:05

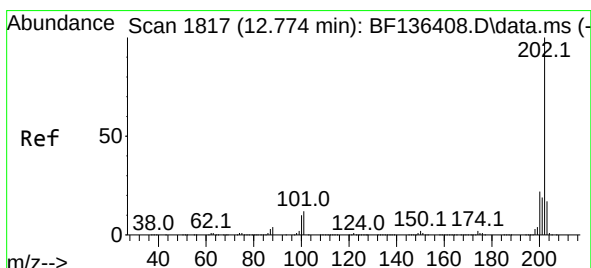
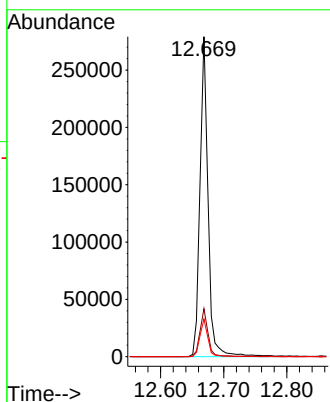
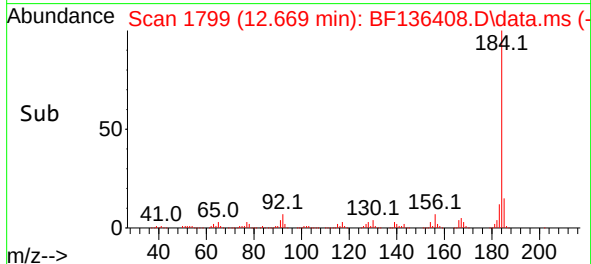
Instrument :
BNA_F
ClientSampleId :
SSTDICCC040



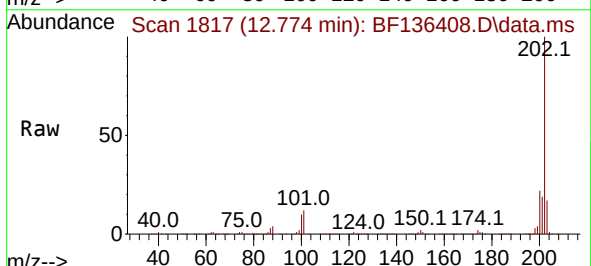
Tgt Ion:184 Resp: 24950
Ion Ratio Lower Upper
184 100
185 15.0 12.0 18.0
183 11.7 9.4 14.0

Manual Integrations
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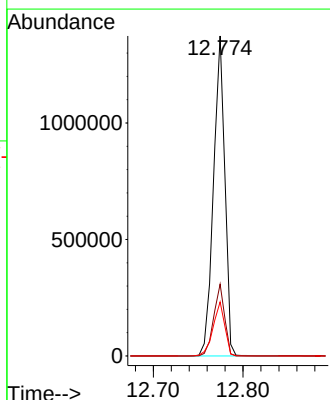
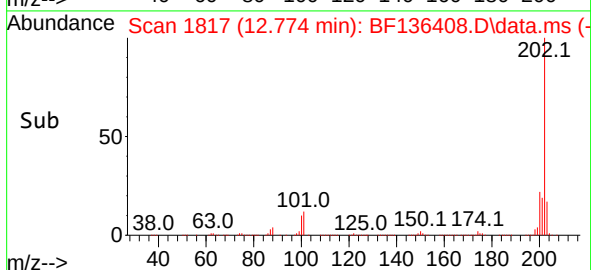
Reviewed By :Yogesh Patel 12/07/2023
Supervised By :mohammad ahmed 12/07/2023

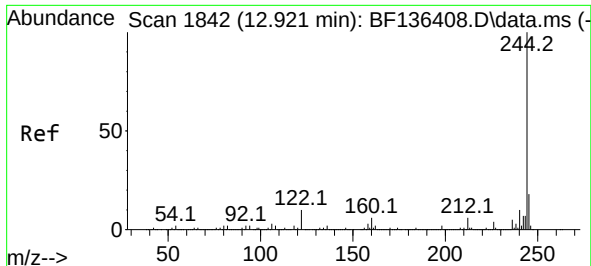


#78
Pyrene
Concen: 41.818 ng
RT: 12.774 min Scan# 1817
Delta R.T. 0.000 min
Lab File: BF136408.D
Acq: 05 Dec 2023 16:05



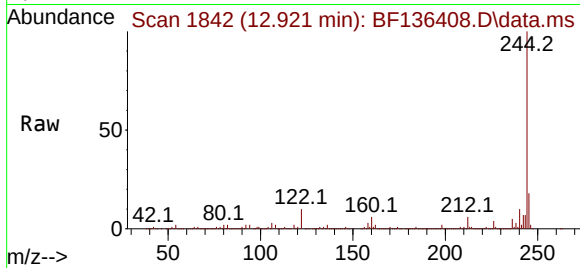
Tgt Ion:202 Resp: 1207219
Ion Ratio Lower Upper
202 100
200 22.5 18.0 27.0
203 16.9 13.5 20.3





#79
 Terphenyl-d14
 Concen: 82.946 ng
 RT: 12.921 min Scan# 1842
 Delta R.T. 0.000 min
 Lab File: BF136408.D
 Acq: 05 Dec 2023 16:05

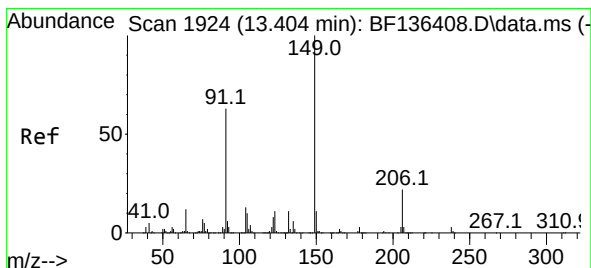
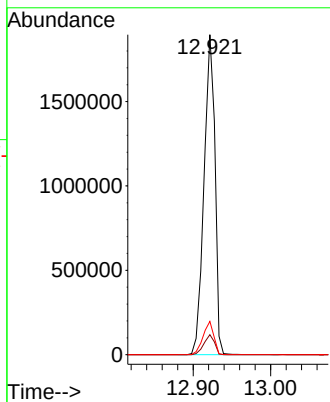
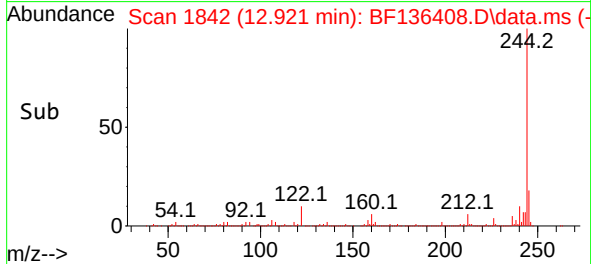
Instrument :
 BNA_F
 ClientSampleId :
 SSTDICC040



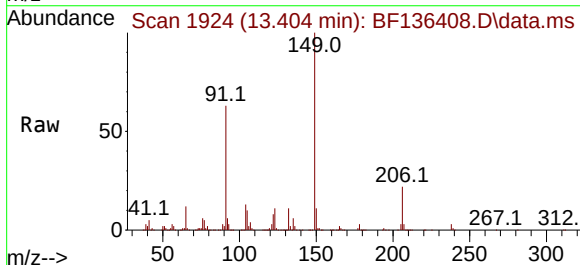
Tgt Ion:244 Resp: 1854978
 Ion Ratio Lower Upper
 244 100
 212 6.2 5.0 7.4
 122 10.4 8.3 12.5

Manual Integrations
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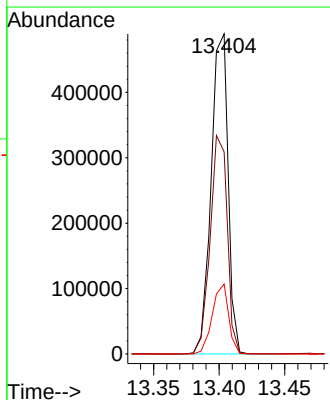
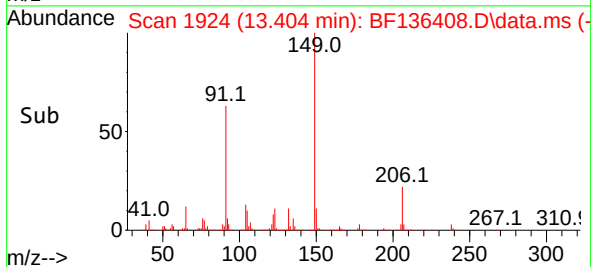
Reviewed By :Yogesh Patel 12/07/2023
 Supervised By :mohammad ahmed 12/07/2023

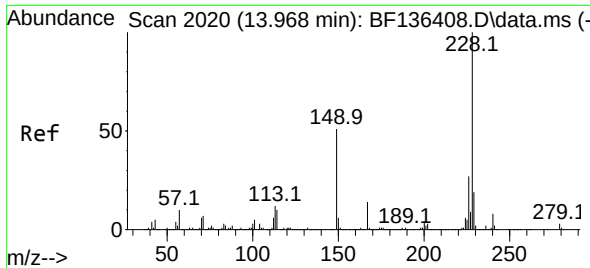


#80
 Butylbenzylphthalate
 Concen: 42.876 ng
 RT: 13.404 min Scan# 1924
 Delta R.T. 0.000 min
 Lab File: BF136408.D
 Acq: 05 Dec 2023 16:05



Tgt Ion:149 Resp: 440620
 Ion Ratio Lower Upper
 149 100
 91 63.1 50.5 75.7
 206 21.8 17.4 26.2





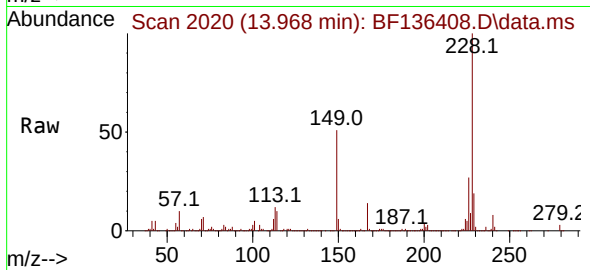
#81
Benzo(a)anthracene
Concen: 40.746 ng
RT: 13.968 min Scan# 2020
Delta R.T. 0.000 min
Lab File: BF136408.D
Acq: 05 Dec 2023 16:05

Instrument :

BNA_F

ClientSampleId :

SSTDICCC040

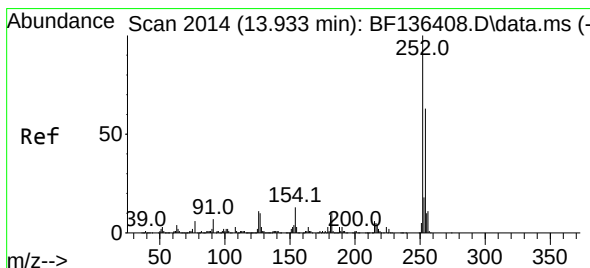
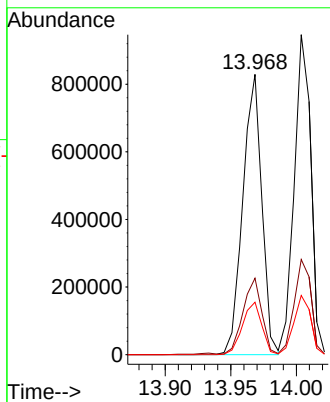
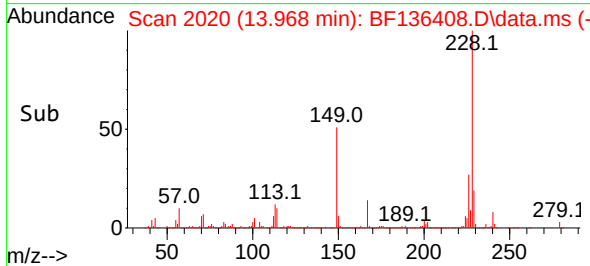


Tgt Ion:228 Resp: 836599
Ion Ratio Lower Upper
228 100
226 27.3 21.8 32.8
229 18.7 15.0 22.4

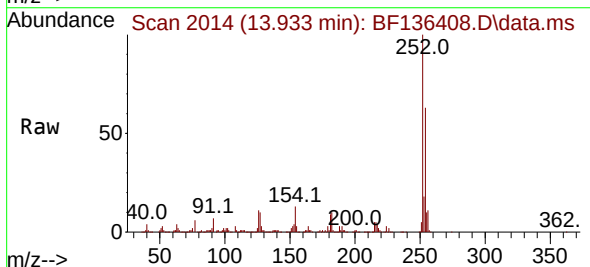
Manual Integrations

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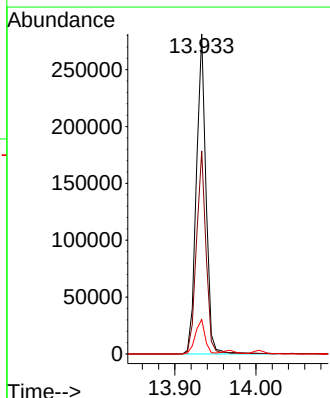
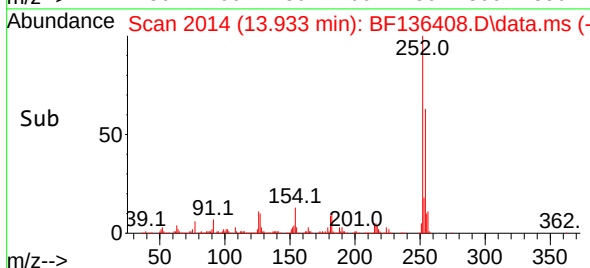
Reviewed By :Yogesh Patel 12/07/2023
Supervised By :mohammad ahmed 12/07/2023

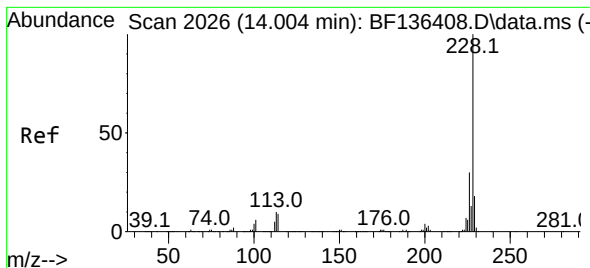


#82
3,3'-Dichlorobenzidine
Concen: 40.559 ng
RT: 13.933 min Scan# 2014
Delta R.T. 0.000 min
Lab File: BF136408.D
Acq: 05 Dec 2023 16:05



Tgt Ion:252 Resp: 233490
Ion Ratio Lower Upper
252 100
254 63.5 50.8 76.2
126 10.7 8.6 12.8





#83

Chrysene

Concen: 41.366 ng

RT: 14.004 min Scan# 2026

Delta R.T. 0.000 min

Lab File: BF136408.D

Acq: 05 Dec 2023 16:05

Instrument :

BNA_F

ClientSampleId :

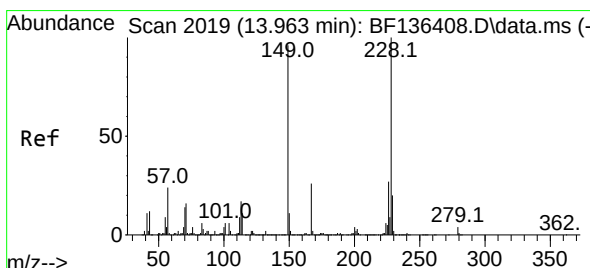
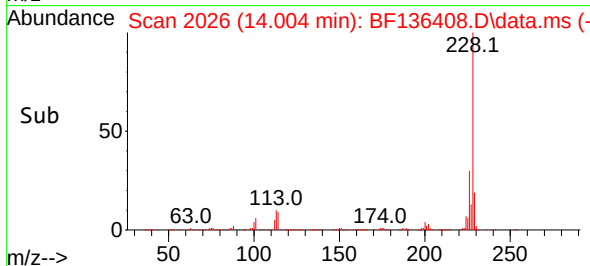
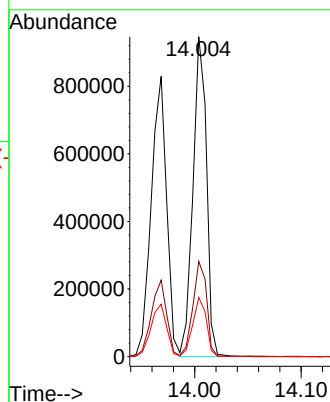
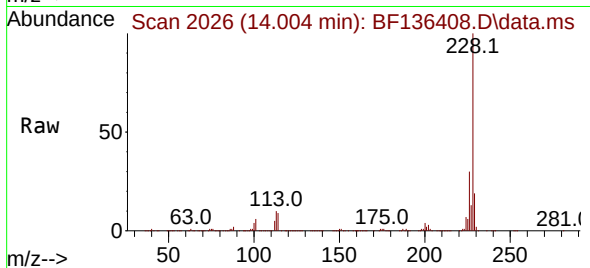
SSTDICCC040

Tgt Ion:228 Resp: 83562
 Ion Ratio Lower Upper
 228 100
 226 29.7 23.8 35.6
 229 18.5 14.8 22.2

Manual Integrations

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Reviewed By :Yogesh Patel 12/07/2023
 Supervised By :mohammad ahmed 12/07/2023



#84

Bis(2-ethylhexyl)phthalate

Concen: 42.752 ng

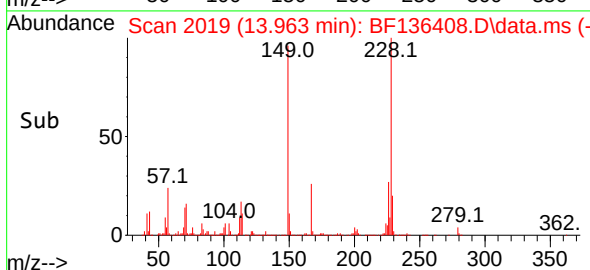
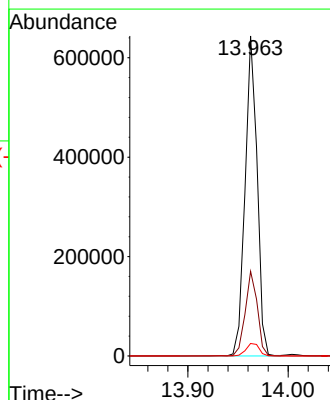
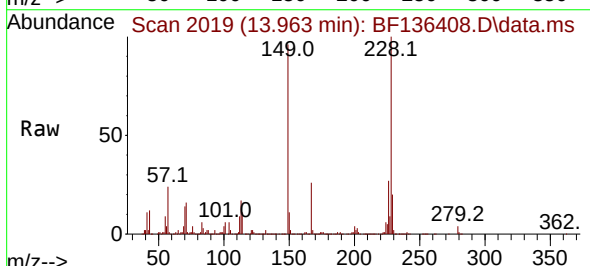
RT: 13.963 min Scan# 2019

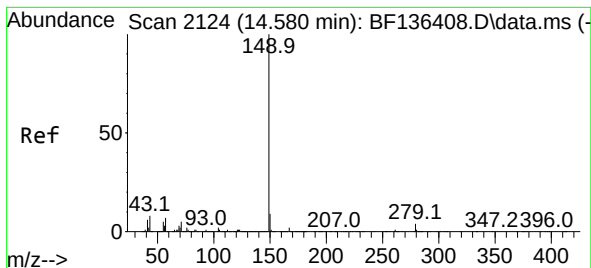
Delta R.T. 0.000 min

Lab File: BF136408.D

Acq: 05 Dec 2023 16:05

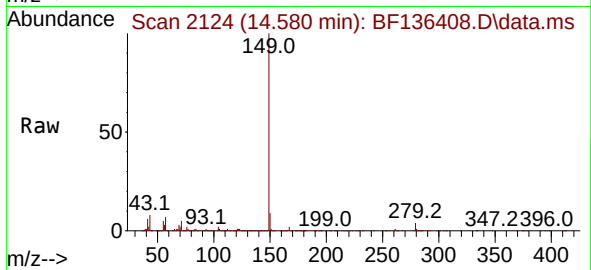
Tgt Ion:149 Resp: 538590
 Ion Ratio Lower Upper
 149 100
 167 26.5 21.2 31.8
 279 3.9 3.1 4.7





#85
Di-n-octyl phthalate
Concen: 42.445 ng
RT: 14.580 min Scan# 2124
Delta R.T. 0.000 min
Lab File: BF136408.D
Acq: 05 Dec 2023 16:05

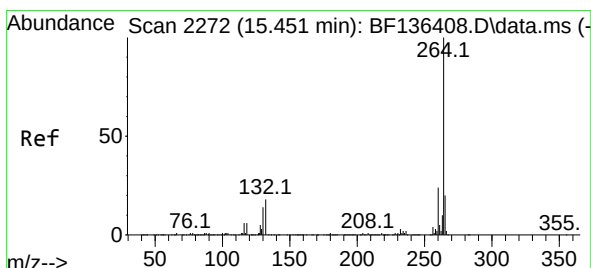
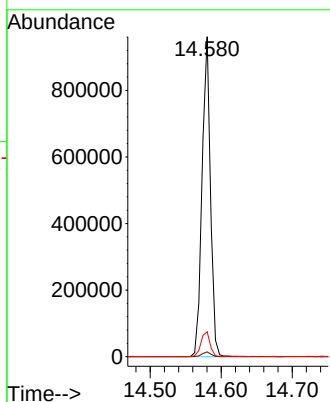
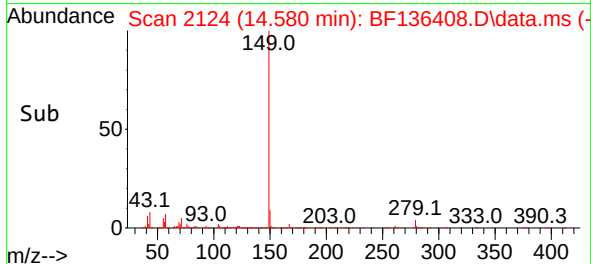
Instrument :
BNA_F
ClientSampleId :
SSTDICCC040



Tgt Ion:149 Resp: 789830
Ion Ratio Lower Upper
149 100
167 1.6 1.3 1.9
43 8.5 6.8 10.2

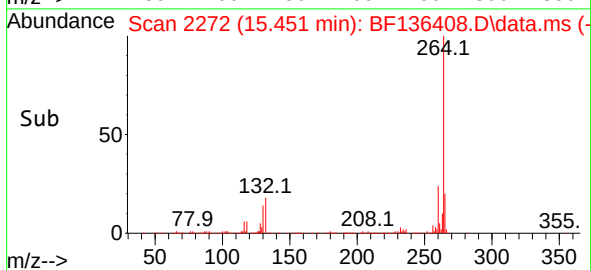
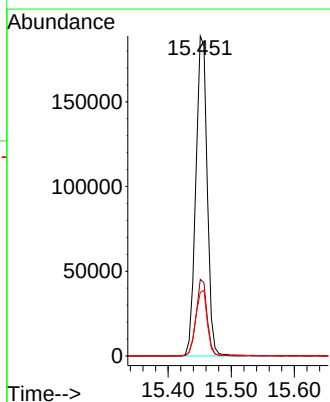
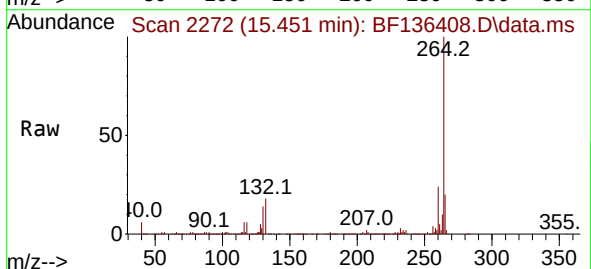
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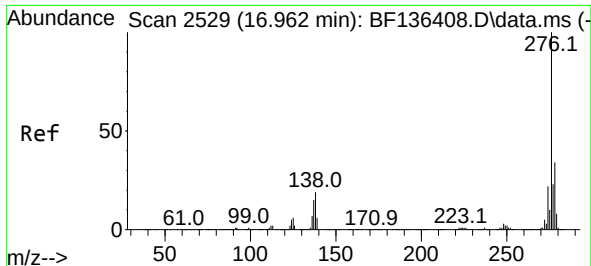
Reviewed By :Yogesh Patel 12/07/2023
Supervised By :mohammad ahmed 12/07/2023



#86
Perylene-d12
Concen: 20.000 ng
RT: 15.451 min Scan# 2272
Delta R.T. 0.000 min
Lab File: BF136408.D
Acq: 05 Dec 2023 16:05

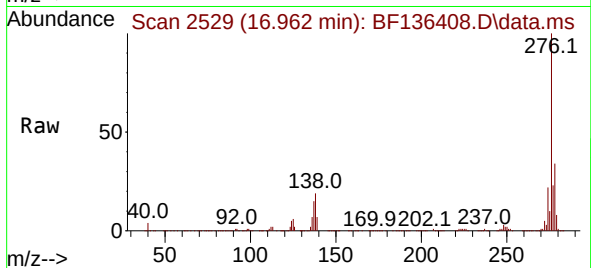
Tgt Ion:264 Resp: 235965
Ion Ratio Lower Upper
264 100
260 24.0 19.2 28.8
265 19.9 15.9 23.9





#87
 Indeno(1,2,3-cd)pyrene
 Concen: 44.178 ng
 RT: 16.962 min Scan# 2199
 Delta R.T. 0.000 min
 Lab File: BF136408.D
 Acq: 05 Dec 2023 16:05

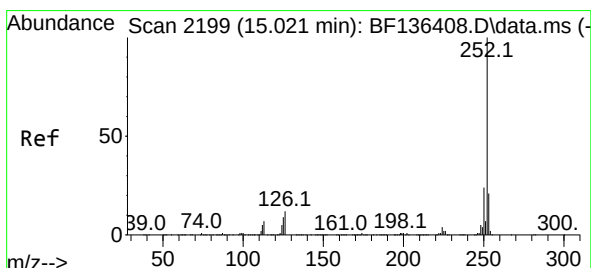
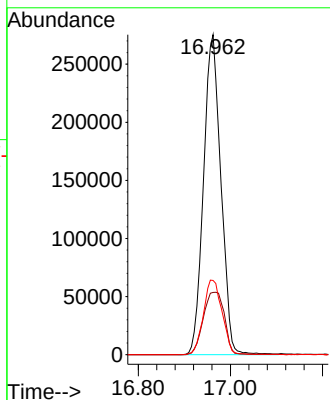
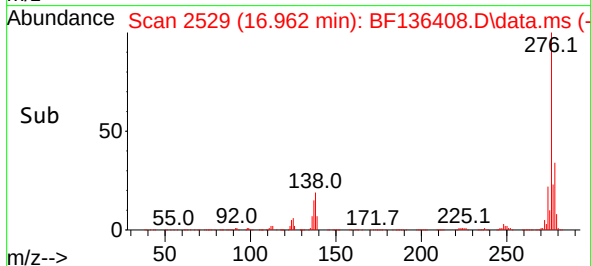
Instrument :
 BNA_F
 ClientSampleId :
 SSTDICCC040



Tgt Ion:276 Resp: 724205
 Ion Ratio Lower Upper
 276 100
 138 23.7 19.0 28.4
 277 25.0 20.0 30.0

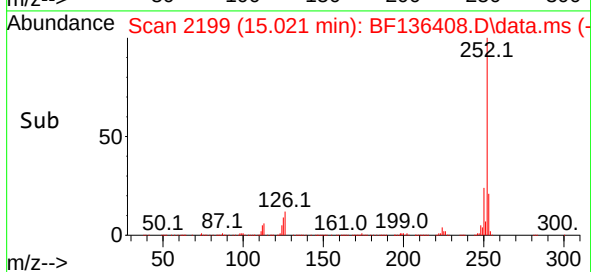
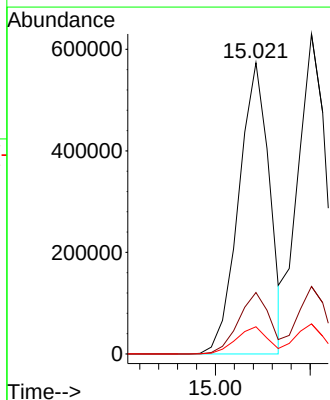
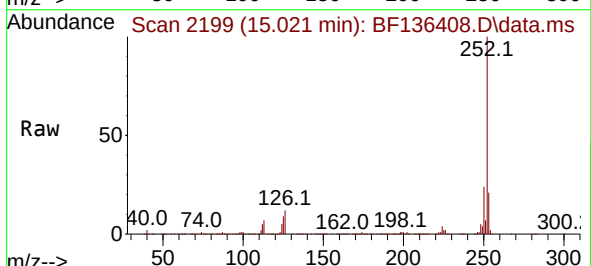
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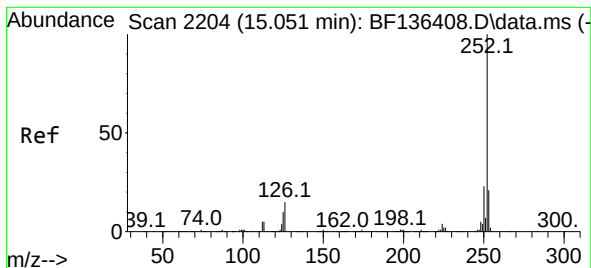
Reviewed By :Yogesh Patel 12/07/2023
 Supervised By :mohammad ahmed 12/07/2023



#88
 Benzo(b)fluoranthene
 Concen: 40.221 ng
 RT: 15.021 min Scan# 2199
 Delta R.T. 0.000 min
 Lab File: BF136408.D
 Acq: 05 Dec 2023 16:05

Tgt Ion:252 Resp: 648901
 Ion Ratio Lower Upper
 252 100
 253 21.1 16.9 25.3
 125 9.3 7.4 11.2





#89

Benzo(k)fluoranthene

Concen: 42.313 ng

RT: 15.051 min Scan# 2204

Delta R.T. 0.000 min

Lab File: BF136408.D

Acq: 05 Dec 2023 16:05

Instrument :

BNA_F

ClientSampleId :

SSTDICCC040

Tgt Ion:252 Resp: 64334

Ion Ratio Lower Upper

252 100

253 21.1 16.9 25.3

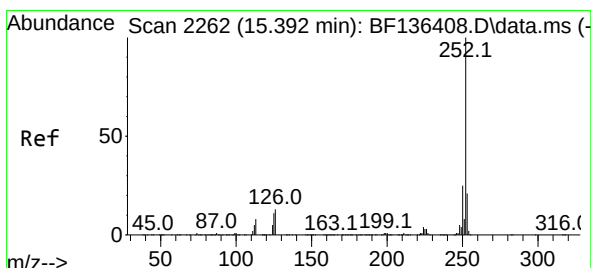
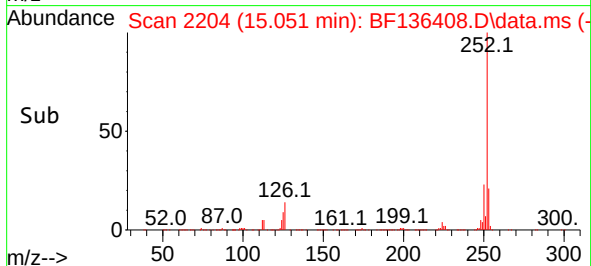
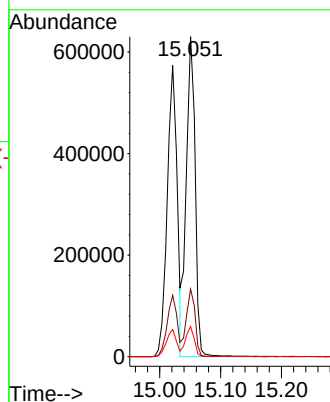
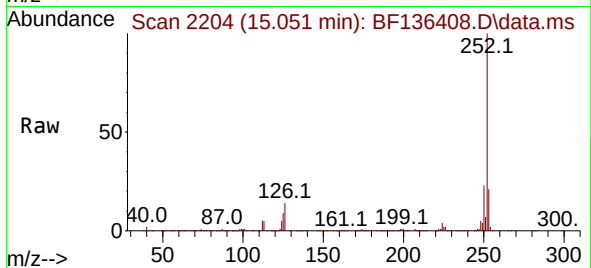
125 9.4 7.5 11.3

Manual Integrations

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Reviewed By :Yogesh Patel 12/07/2023

Supervised By :mohammad ahmed 12/07/2023



#90

Benzo(a)pyrene

Concen: 41.737 ng

RT: 15.392 min Scan# 2262

Delta R.T. 0.000 min

Lab File: BF136408.D

Acq: 05 Dec 2023 16:05

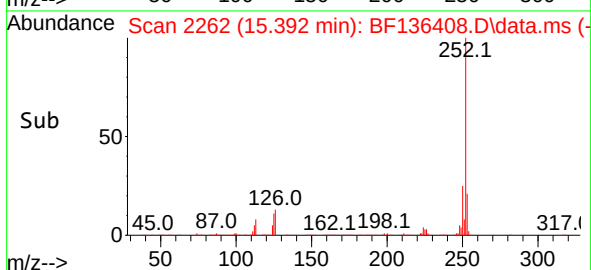
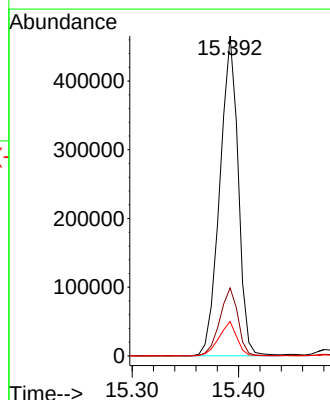
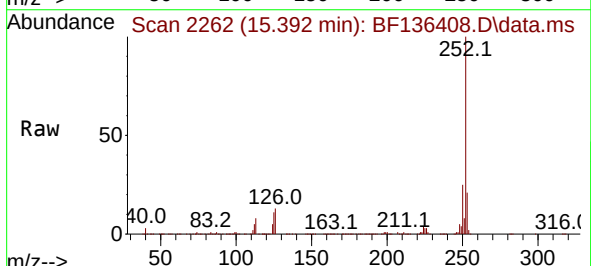
Tgt Ion:252 Resp: 556097

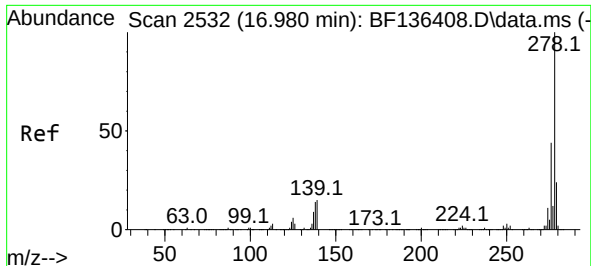
Ion Ratio Lower Upper

252 100

253 21.2 17.0 25.4

125 10.8 8.6 13.0





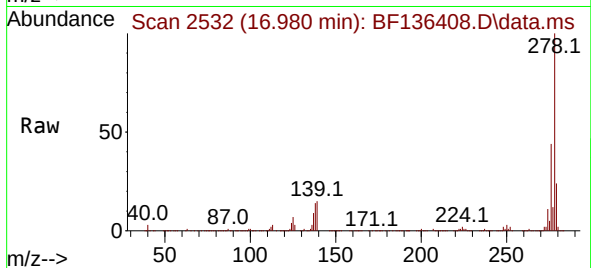
#91
Dibenzo(a,h)anthracene
Concen: 43.954 ng
RT: 16.980 min Scan# 2532
Delta R.T. 0.000 min
Lab File: BF136408.D
Acq: 05 Dec 2023 16:05

Instrument :

BNA_F

ClientSampleId :

SSTDICCC040

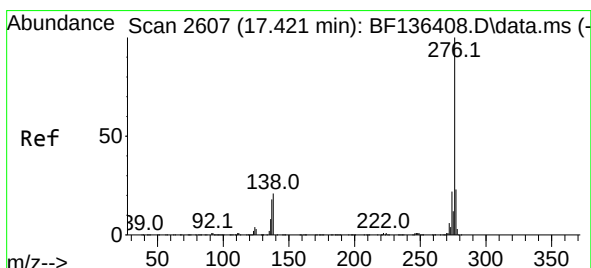
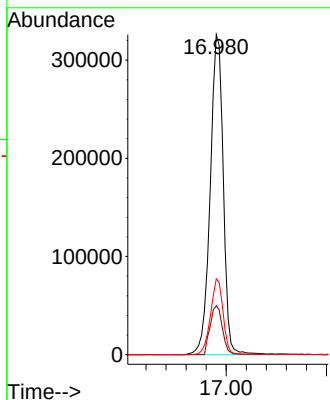
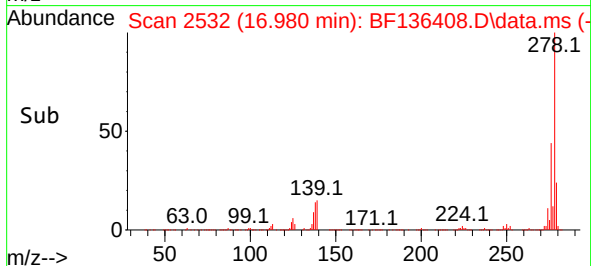


Tgt Ion:278 Resp: 590295
Ion Ratio Lower Upper
278 100
139 15.3 12.2 18.4
279 23.7 19.0 28.4

Manual Integrations

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Reviewed By :Yogesh Patel 12/07/2023
Supervised By :mohammad ahmed 12/07/2023



#92
Benzo(g,h,i)perylene
Concen: 44.247 ng
RT: 17.421 min Scan# 2607
Delta R.T. 0.000 min
Lab File: BF136408.D
Acq: 05 Dec 2023 16:05

Tgt Ion:276 Resp: 609921
Ion Ratio Lower Upper
276 100
277 23.4 18.7 28.1
138 20.8 16.6 25.0

