

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF121923\
 Data File : BF136638.D
 Acq On : 19 Dec 2023 19:15
 Operator : CG\JU
 Sample : SSTDICV040
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :

BNA_F

ClientSampleId :

ICVBF121923

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 12/20/2023

Supervised By :mohammad ahmed 12/20/2023

Quant Time: Dec 20 04:18:03 2023

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF121923.M

Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

QLast Update : Wed Dec 20 04:16:58 2023

Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.792	152	67693	20.000	ng	0.00
21) Naphthalene-d8	8.069	136	270970	20.000	ng	0.00
39) Acenaphthene-d10	9.828	164	144125	20.000	ng	0.00
64) Phenanthrene-d10	11.316	188	274066	20.000	ng	0.00
76) Chrysene-d12	13.968	240	145609	20.000	ng	# 0.00
86) Perylene-d12	15.445	264	128291	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.434	112	358940	82.325	ng	0.00
7) Phenol-d6	6.440	99	455553	81.636	ng	0.00
23) Nitrobenzene-d5	7.357	82	429747	82.357	ng	0.00
42) 2,4,6-Tribromophenol	10.622	330	136030	80.939	ng	0.00
45) 2-Fluorobiphenyl	9.151	172	852152	80.781	ng	0.00
79) Terphenyl-d14	12.916	244	862850	83.445	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	2.552	88	71851	40.149	ng	95
3) Pyridine	3.316	79	182939	41.588	ng	98
4) n-Nitrosodimethylamine	3.281	42	100040	42.172	ng	94
6) Aniline	6.463	93	231441	41.685	ng	# 75
8) 2-Chlorophenol	6.587	128	197072	41.342	ng	95
9) Benzaldehyde	6.351	77	129450	38.631	ng	97
10) Phenol	6.457	94	243942	41.007	ng	96
11) bis(2-Chloroethyl)ether	6.540	93	184220	40.142	ng	100
12) 1,3-Dichlorobenzene	6.734	146	212616	41.106	ng	98
13) 1,4-Dichlorobenzene	6.810	146	216091	41.149	ng	99
14) 1,2-Dichlorobenzene	6.963	146	201067	41.022	ng	98
15) Benzyl Alcohol	6.940	79	161715	41.618	ng	99
16) 2,2'-oxybis(1-Chloropr...	7.069	45	309238	41.190	ng	95
17) 2-Methylphenol	7.057	107	158518	40.866	ng	98
18) Hexachloroethane	7.298	117	79237	41.549	ng	94
19) n-Nitroso-di-n-propyla...	7.210	70	139815	40.411	ng	97
20) 3+4-Methylphenols	7.210	107	199020	40.745	ng	# 88
22) Acetophenone	7.204	105	273871	40.399	ng	# 97
24) Nitrobenzene	7.381	77	220687	41.661	ng	97
25) Isophorone	7.616	82	393189	40.394	ng	99
26) 2-Nitrophenol	7.692	139	106376	42.381	ng	95
27) 2,4-Dimethylphenol	7.734	122	126066	39.989	ng	99
28) bis(2-Chloroethoxy)met...	7.822	93	238970	40.564	ng	98
29) 2,4-Dichlorophenol	7.934	162	163794	41.913	ng	98
30) 1,2,4-Trichlorobenzene	8.010	180	183180	41.656	ng	97
31) Naphthalene	8.092	128	602026	40.662	ng	99
32) Benzoic acid	7.863	122	131870m	45.098	ng	
33) 4-Chloroaniline	8.145	127	220852	40.080	ng	98
34) Hexachlorobutadiene	8.210	225	109534	40.743	ng	99
35) Caprolactam	8.522	113	53389m	40.860	ng	
36) 4-Chloro-3-methylphenol	8.634	107	182222	40.962	ng	98
37) 2-Methylnaphthalene	8.786	142	384938	40.459	ng	100
38) 1-Methylnaphthalene	8.881	142	376390	40.145	ng	98
40) 1,2,4,5-Tetrachloroben...	8.951	216	180620	41.297	ng	100
41) Hexachlorocyclopentadiene	8.934	237	52955	38.895	ng	99
43) 2,4,6-Trichlorophenol	9.063	196	117754	41.054	ng	100

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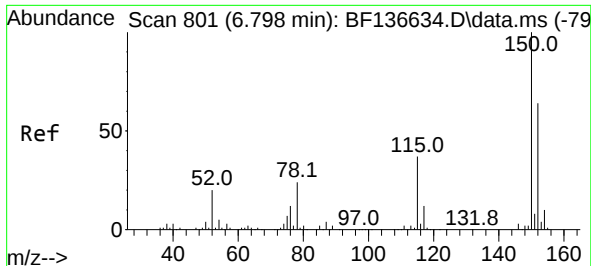
Manual Integrations
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 Supervised By :mohammad ahmed 12/20/2023

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 QLast Update : Wed Dec 20 04:16:58 2023
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.110	196	127438	40.304	ng	95
46) 1,1'-Biphenyl	9.251	154	487173	40.434	ng	98
47) 2-Chloronaphthalene	9.275	162	367861	40.431	ng	98
48) 2-Nitroaniline	9.375	65	119293	41.466	ng	97
49) Acenaphthylene	9.692	152	570525	40.831	ng	100
50) Dimethylphthalate	9.557	163	424368	41.060	ng	98
51) 2,6-Dinitrotoluene	9.616	165	97466	41.385	ng	97
52) Acenaphthene	9.863	154	349949	40.504	ng	97
53) 3-Nitroaniline	9.786	138	102790	40.623	ng	93
54) 2,4-Dinitrophenol	9.898	184	51669	43.014	ng	94
55) Dibenzofuran	10.033	168	527114	40.466	ng	98
56) 4-Nitrophenol	9.957	139	72904	42.245	ng	93
57) 2,4-Dinitrotoluene	10.022	165	125668	41.442	ng	95
58) Fluorene	10.380	166	411802	39.826	ng	98
59) 2,3,4,6-Tetrachlorophenol	10.157	232	99981	40.618	ng	98
60) Diethylphthalate	10.257	149	435080	40.484	ng	99
61) 4-Chlorophenyl-phenyle...	10.369	204	201474	40.457	ng	96
62) 4-Nitroaniline	10.404	138	102607	40.987	ng	97
63) Azobenzene	10.533	77	409957	40.831	ng	98
65) 4,6-Dinitro-2-methylph...	10.433	198	68561	42.369	ng	85
66) n-Nitrosodiphenylamine	10.492	169	366967	40.744	ng	100
67) 4-Bromophenyl-phenylether	10.863	248	124121	40.521	ng	94
68) Hexachlorobenzene	10.928	284	140538	41.119	ng	94
69) Atrazine	11.022	200	71861	33.579	ng	98
70) Pentachlorophenol	11.122	266	69526	41.852	ng	100
71) Phenanthrene	11.345	178	570731	40.317	ng	99
72) Anthracene	11.398	178	571500	39.932	ng	100
73) Carbazole	11.557	167	543172	40.513	ng	99
74) Di-n-butylphthalate	11.886	149	671405	40.986	ng	100
75) Fluoranthene	12.533	202	605585	40.143	ng	99
77) Benzidine	12.663	184	140840	34.984	ng	97
78) Pyrene	12.769	202	597760	41.615	ng	100
80) Butylbenzylphthalate	13.392	149	219072	42.960	ng	97
81) Benzo(a)anthracene	13.963	228	412328	40.842	ng	100
82) 3,3'-Dichlorobenzidine	13.927	252	109745	40.139	ng	96
83) Chrysene	13.998	228	403929	41.413	ng	99
84) Bis(2-ethylhexyl)phtha...	13.951	149	271693	42.625	ng	100
85) Di-n-octyl phthalate	14.568	149	431484	43.436	ng	100
87) Indeno(1,2,3-cd)pyrene	16.951	276	397331	43.558	ng	100
88) Benzo(b)fluoranthene	15.015	252	336909	39.109	ng	98
89) Benzo(k)fluoranthene	15.045	252	327961	40.706	ng	98
90) Benzo(a)pyrene	15.386	252	294549	40.459	ng	100
91) Dibenzo(a,h)anthracene	16.968	278	328735	43.954	ng	98
92) Benzo(g,h,i)perylene	17.409	276	339255	44.083	ng	97

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



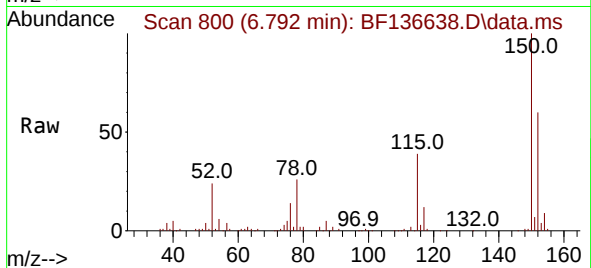
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 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.792 min Scan# 801
 Delta R.T. -0.006 min
 Lab File: BF136638.D
 Acq: 19 Dec 2023 19:15

Instrument :

BNA_F

ClientSampleId :

ICVBF121923

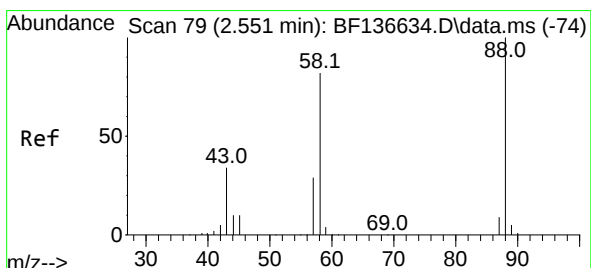
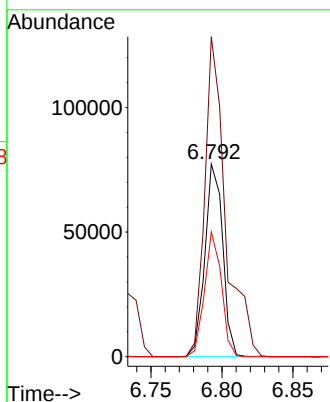
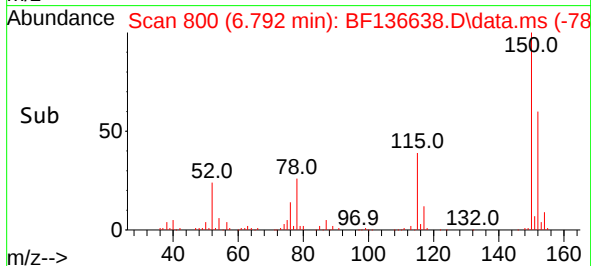


Tgt Ion:152 Resp: 6769
 Ion Ratio Lower Upper
 152 100
 150 166.1 125.3 187.9
 115 64.8 46.4 69.6

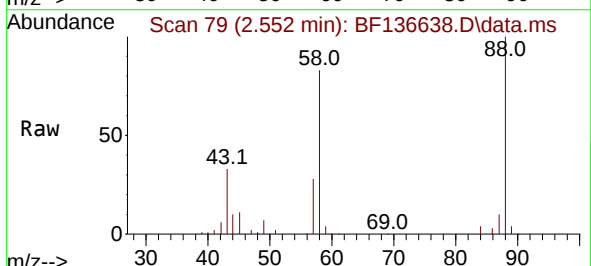
Manual Integrations

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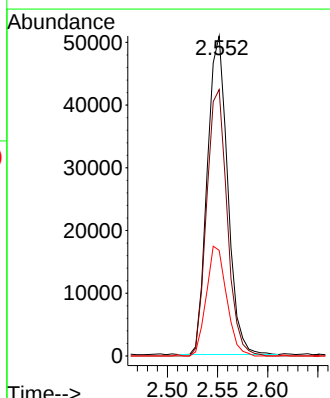
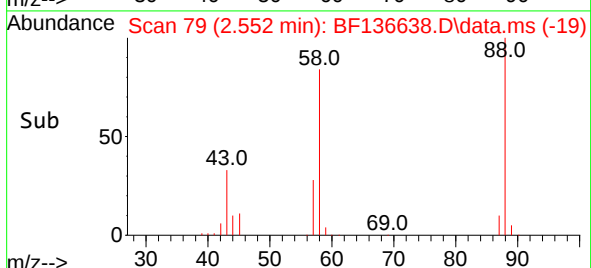
Reviewed By :Yogesh Patel 12/20/2023
 Supervised By :mohammad ahmed 12/20/2023

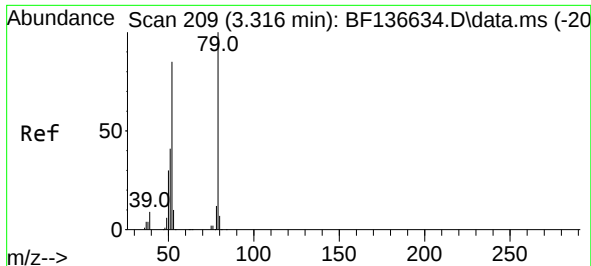


#2
 1,4-Dioxane
 Concen: 40.149 ng
 RT: 2.552 min Scan# 79
 Delta R.T. 0.000 min
 Lab File: BF136638.D
 Acq: 19 Dec 2023 19:15



Tgt Ion: 88 Resp: 71851
 Ion Ratio Lower Upper
 88 100
 58 83.9 63.3 94.9
 43 34.4 26.4 39.6





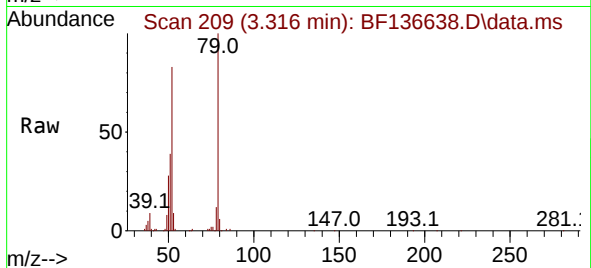
#3
Pyridine
Concen: 41.588 ng
RT: 3.316 min Scan# 209
Delta R.T. 0.000 min
Lab File: BF136638.D
Acq: 19 Dec 2023 19:15

Instrument :

BNA_F

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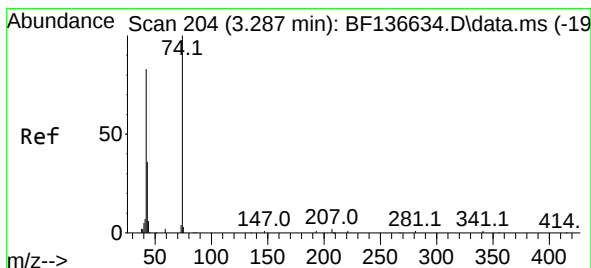
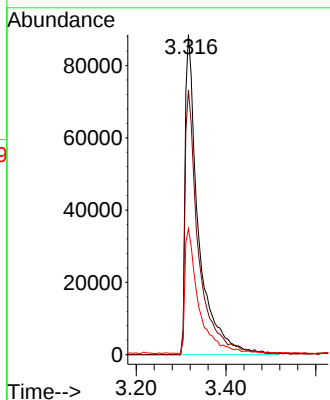
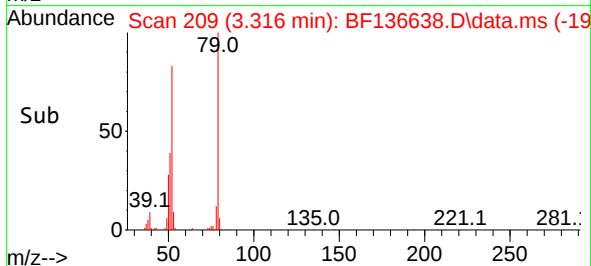


Tgt Ion: 79 Resp: 182935
Ion Ratio Lower Upper
79 100
52 82.7 67.6 101.4
51 39.4 32.9 49.3

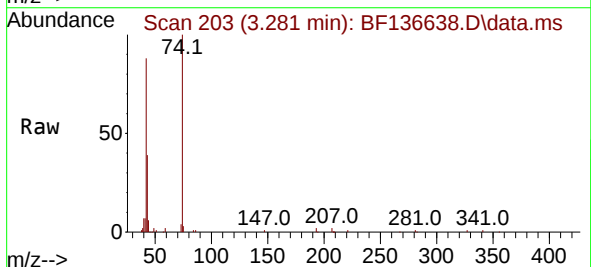
Manual Integrations

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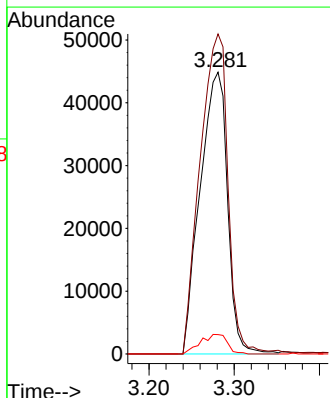
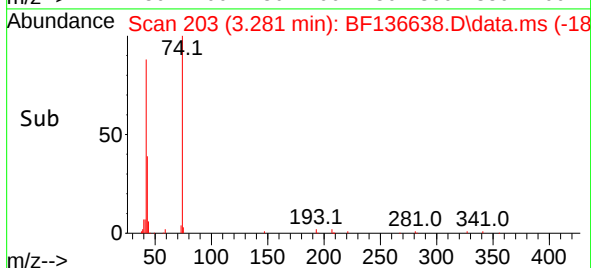
Reviewed By :Yogesh Patel 12/20/2023
Supervised By :mohammad ahmed 12/20/2023

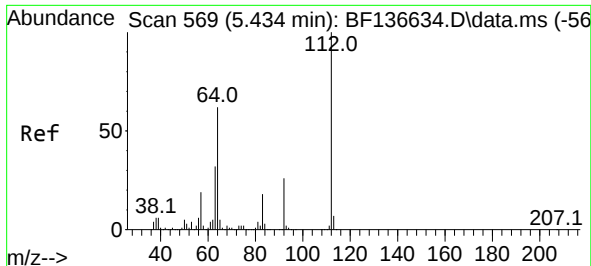


#4
n-Nitrosodimethylamine
Concen: 42.172 ng
RT: 3.281 min Scan# 203
Delta R.T. -0.006 min
Lab File: BF136638.D
Acq: 19 Dec 2023 19:15



Tgt Ion: 42 Resp: 100040
Ion Ratio Lower Upper
42 100
74 113.6 96.2 144.4
44 6.9 5.7 8.5





#5
2-Fluorophenol
Concen: 82.325 ng
RT: 5.434 min Scan# 509
Delta R.T. 0.000 min
Lab File: BF136638.D
Acq: 19 Dec 2023 19:15

Instrument :

BNA_F

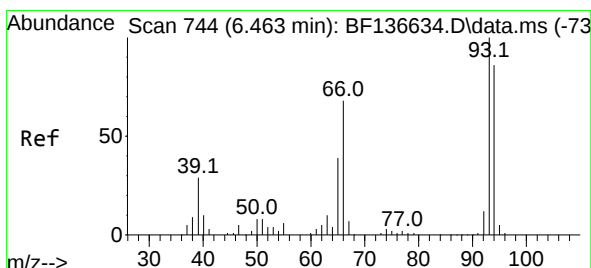
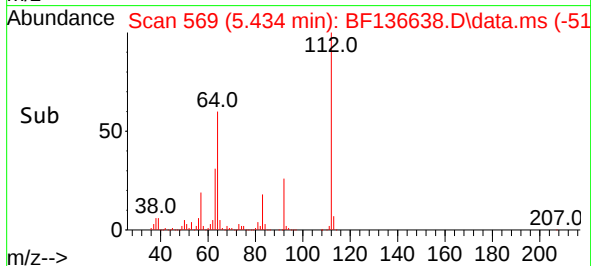
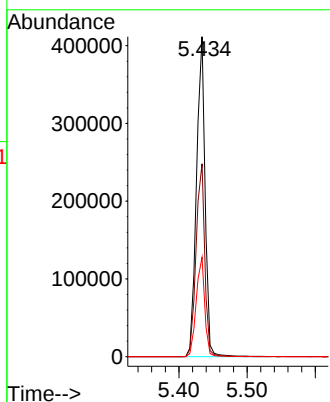
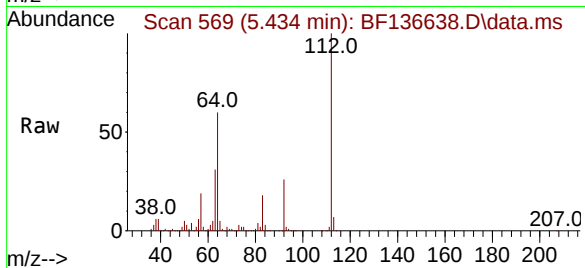
ClientSampleId :

ICVBF121923

Tgt Ion:112 Resp: 358940
Ion Ratio Lower Upper
112 100
64 60.3 49.7 74.5
63 31.0 25.8 38.6

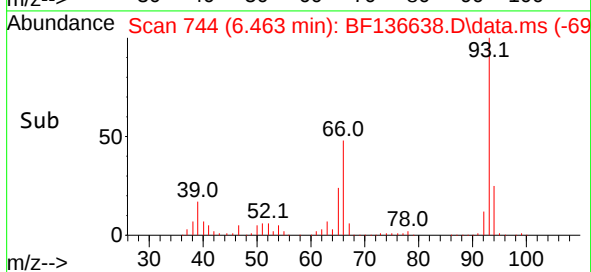
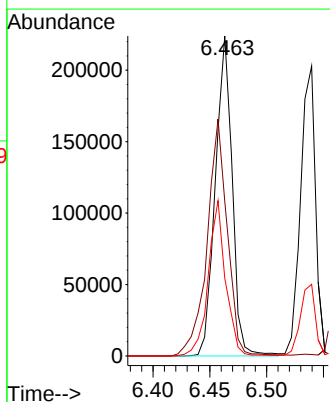
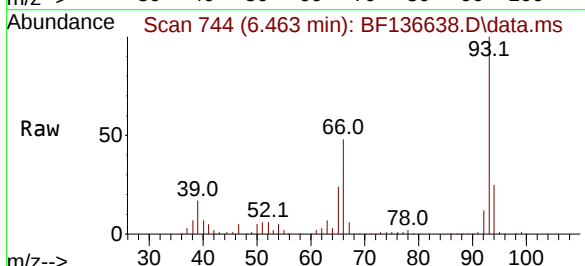
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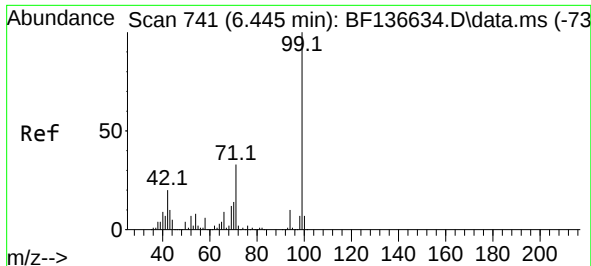
Reviewed By :Yogesh Patel 12/20/2023
Supervised By :mohammad ahmed 12/20/2023



#6
Aniline
Concen: 41.685 ng
RT: 6.463 min Scan# 744
Delta R.T. 0.000 min
Lab File: BF136638.D
Acq: 19 Dec 2023 19:15

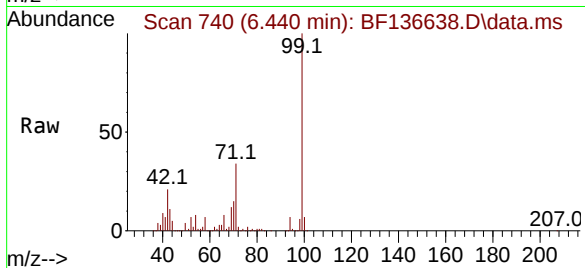
Tgt Ion: 93 Resp: 231441
Ion Ratio Lower Upper
93 100
66 48.3 55.5 83.3#
65 24.3 31.5 47.3#





#7
Phenol-d6
Concen: 81.636 ng
RT: 6.440 min Scan# 741
Delta R.T. -0.006 min
Lab File: BF136638.D
Acq: 19 Dec 2023 19:15

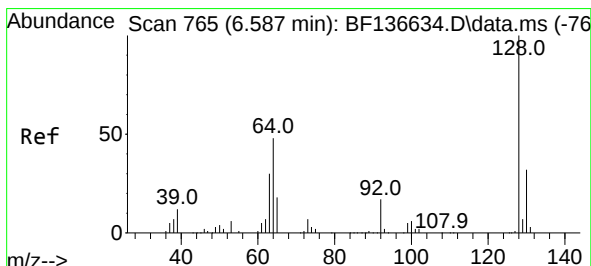
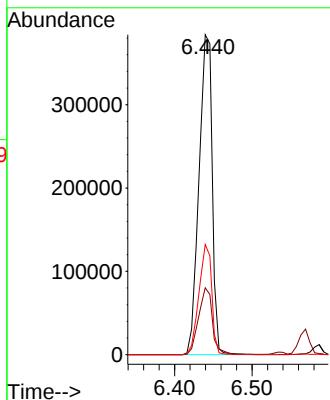
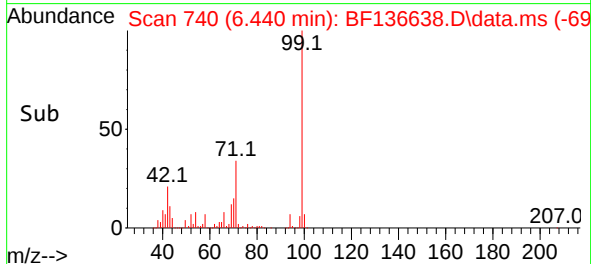
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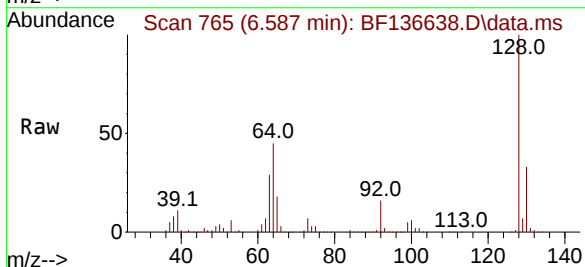
Tgt Ion: 99 Resp: 45555
Ion Ratio Lower Upper
99 100
42 20.9 16.2 24.4
71 34.4 26.6 39.8

Manual Integrations
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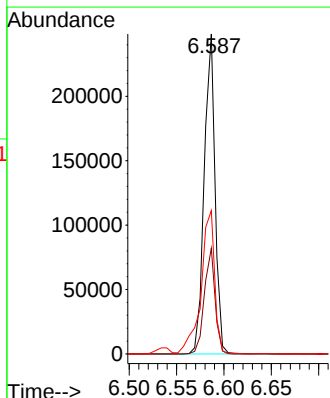
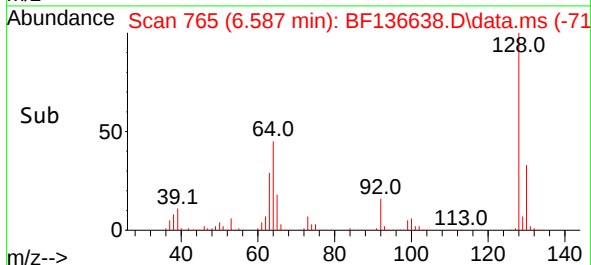
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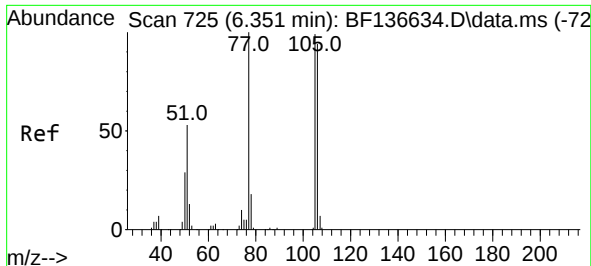


#8
2-Chlorophenol
Concen: 41.342 ng
RT: 6.587 min Scan# 765
Delta R.T. 0.000 min
Lab File: BF136638.D
Acq: 19 Dec 2023 19:15



Tgt Ion:128 Resp: 197072
Ion Ratio Lower Upper
128 100
130 33.0 12.0 52.0
64 44.8 29.2 69.2





#9

Benzaldehyde

Concen: 38.631 ng

RT: 6.351 min Scan# 725

Delta R.T. 0.000 min

Lab File: BF136638.D

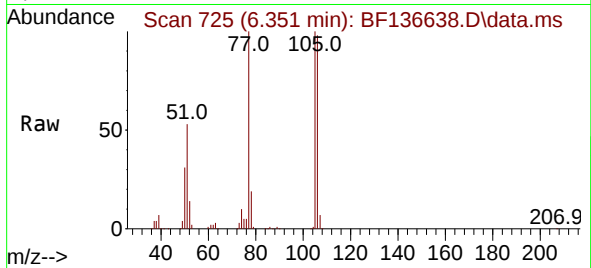
Acq: 19 Dec 2023 19:15

Instrument :

BNA_F

ClientSampleId :

ICVBF121923



Tgt Ion: 77 Resp: 129450

Ion Ratio Lower Upper

77 100

105 100.1 79.2 119.2

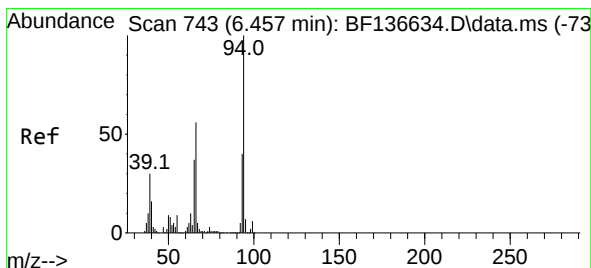
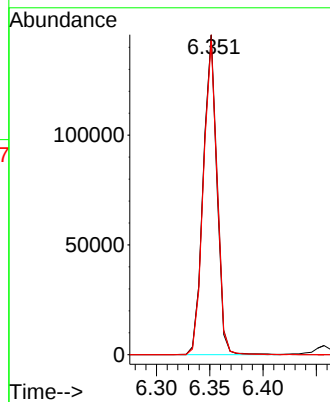
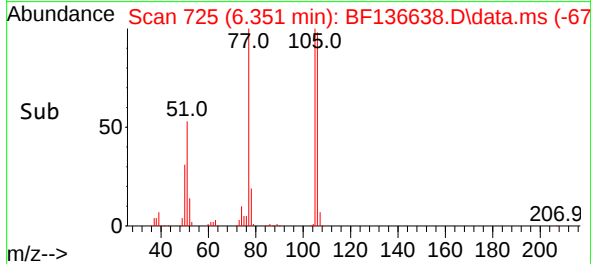
106 98.2 73.6 113.6

Manual Integrations

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Supervised By :mohammad ahmed 12/20/2023



#10

Phenol

Concen: 41.007 ng

RT: 6.457 min Scan# 743

Delta R.T. 0.000 min

Lab File: BF136638.D

Acq: 19 Dec 2023 19:15

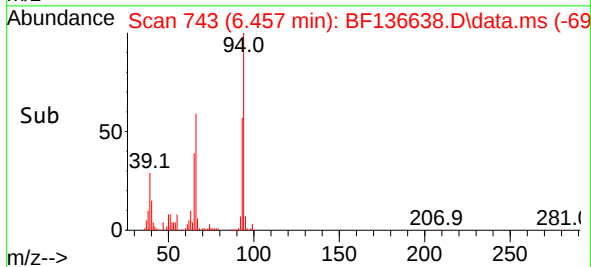
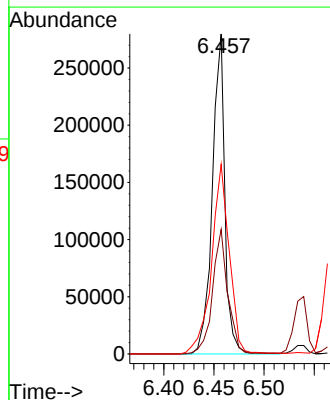
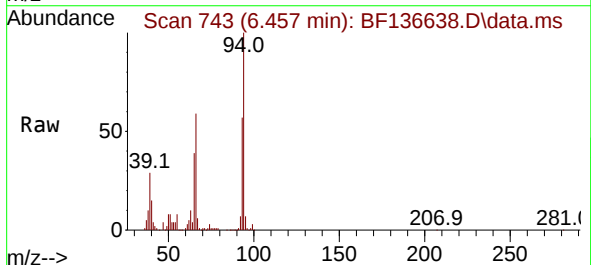
Tgt Ion: 94 Resp: 243942

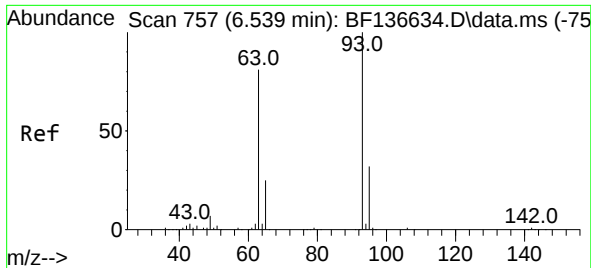
Ion Ratio Lower Upper

94 100

65 38.9 16.8 56.8

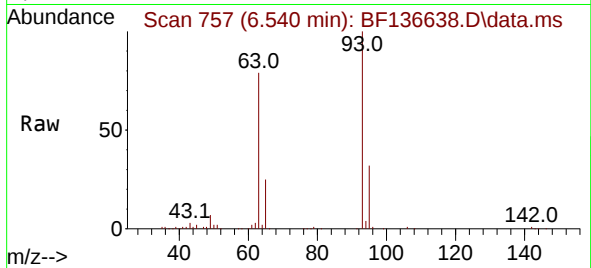
66 59.3 36.2 76.2





#11
bis(2-Chloroethyl)ether
Concen: 40.142 ng
RT: 6.540 min Scan# 757
Delta R.T. 0.000 min
Lab File: BF136638.D
Acq: 19 Dec 2023 19:15

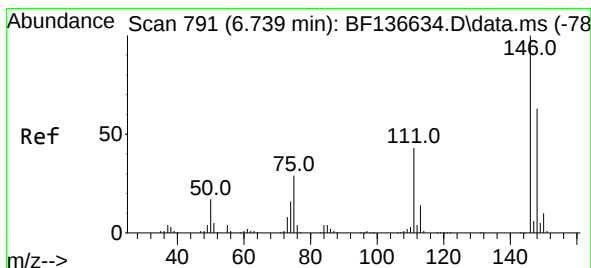
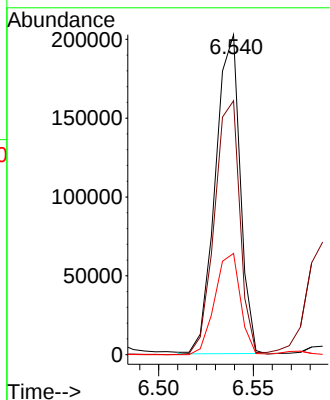
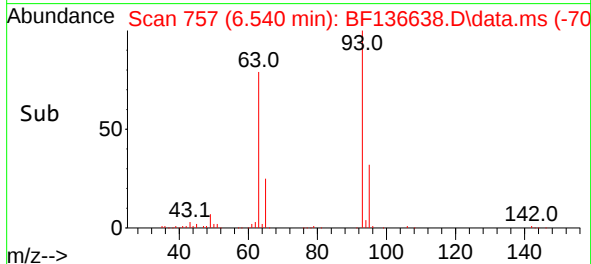
Instrument :
BNA_F
ClientSampleId :
ICVBF121923



Tgt Ion: 93 Resp: 184220
Ion Ratio Lower Upper
93 100
63 79.4 59.7 99.7
95 31.7 11.8 51.8

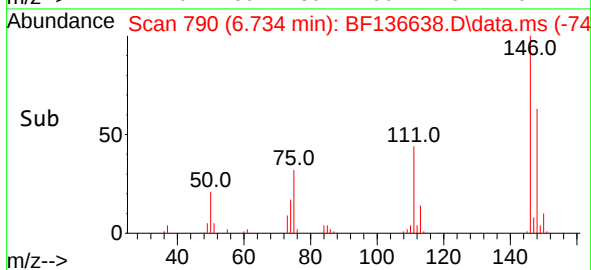
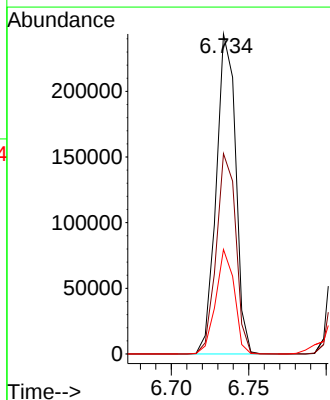
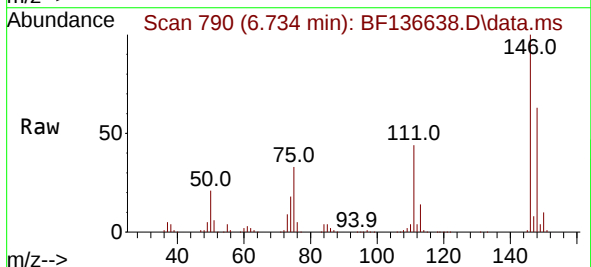
Manual Integrations
APPROVED

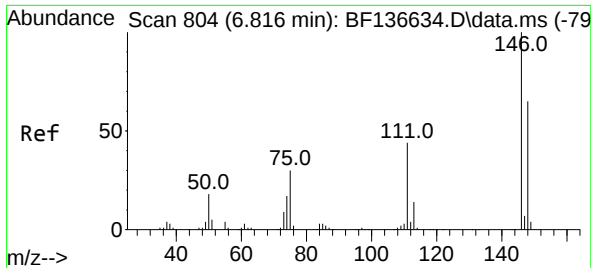
Reviewed By :Yogesh Patel 12/20/2023
Supervised By :mohammad ahmed 12/20/2023



#12
1,3-Dichlorobenzene
Concen: 41.106 ng
RT: 6.734 min Scan# 790
Delta R.T. -0.006 min
Lab File: BF136638.D
Acq: 19 Dec 2023 19:15

Tgt Ion:146 Resp: 212616
Ion Ratio Lower Upper
146 100
148 62.6 50.3 75.5
75 32.7 23.4 35.2





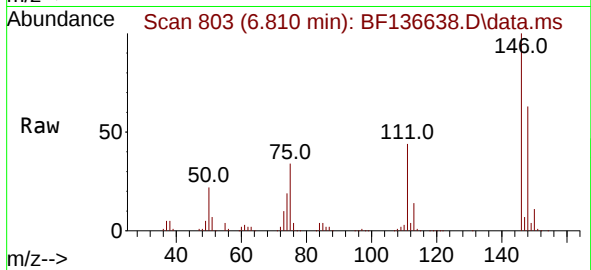
#13
1,4-Dichlorobenzene
Concen: 41.149 ng
RT: 6.810 min Scan# 804
Delta R.T. -0.006 min
Lab File: BF136638.D
Acq: 19 Dec 2023 19:15

Instrument :

BNA_F

ClientSampleId :

ICVBF121923

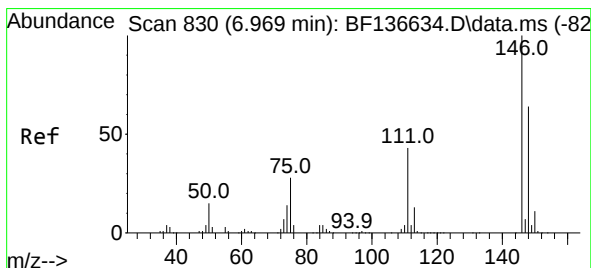
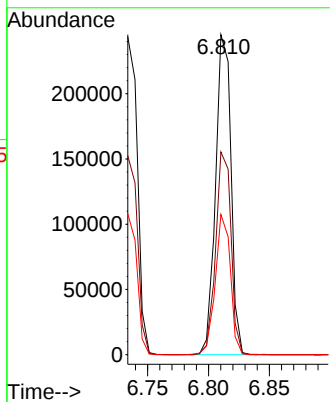
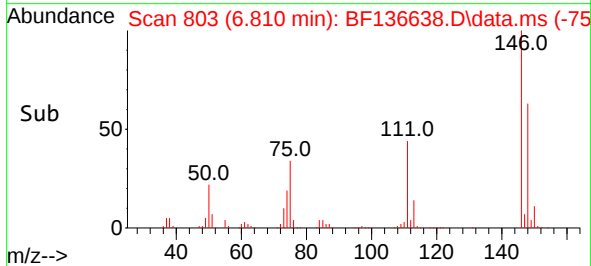


Tgt Ion:146 Resp: 21609
Ion Ratio Lower Upper
146 100
148 63.3 51.7 77.5
111 43.8 35.0 52.4

Manual Integrations

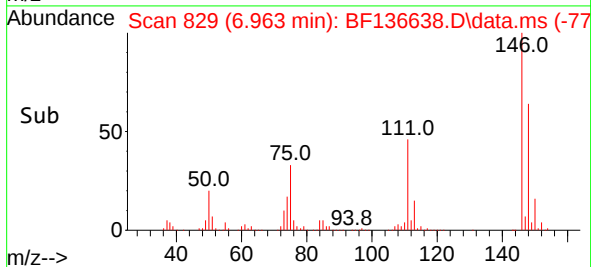
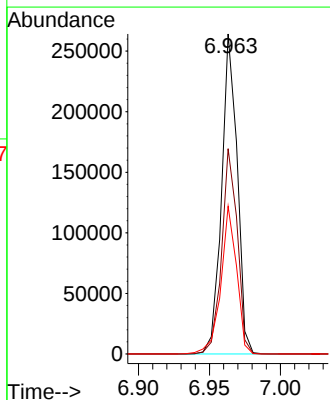
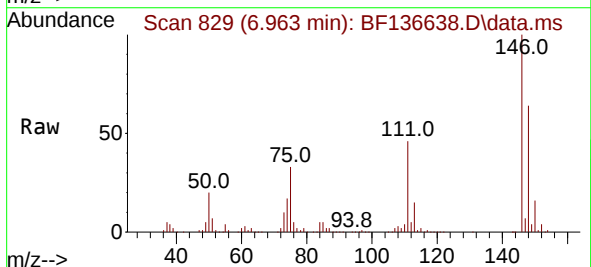
APPROVED

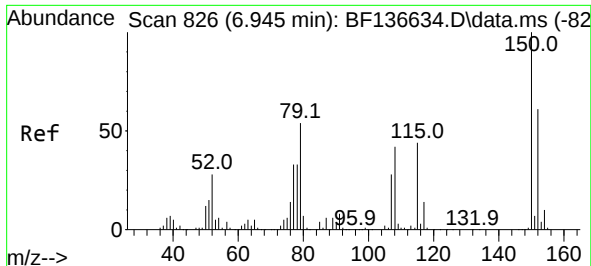
Reviewed By :Yogesh Patel 12/20/2023
Supervised By :mohammad ahmed 12/20/2023



#14
1,2-Dichlorobenzene
Concen: 41.022 ng
RT: 6.963 min Scan# 829
Delta R.T. -0.006 min
Lab File: BF136638.D
Acq: 19 Dec 2023 19:15

Tgt Ion:146 Resp: 201067
Ion Ratio Lower Upper
146 100
148 64.2 50.9 76.3
111 46.2 34.5 51.7





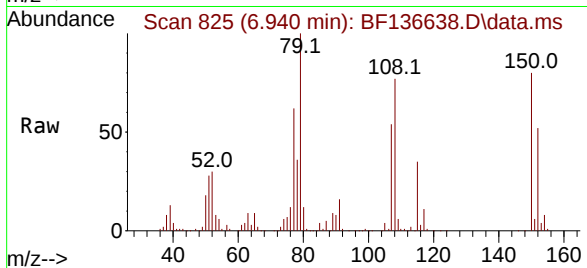
#15
Benzyl Alcohol
Concen: 41.618 ng
RT: 6.940 min Scan# 826
Delta R.T. -0.006 min
Lab File: BF136638.D
Acq: 19 Dec 2023 19:15

Instrument :

BNA_F

ClientSampleId :

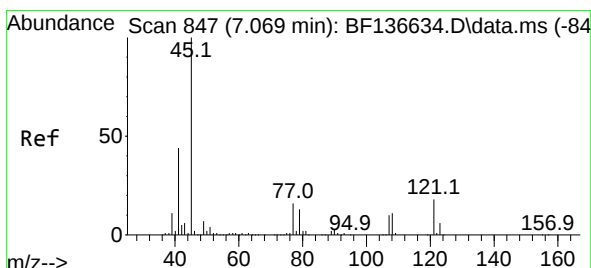
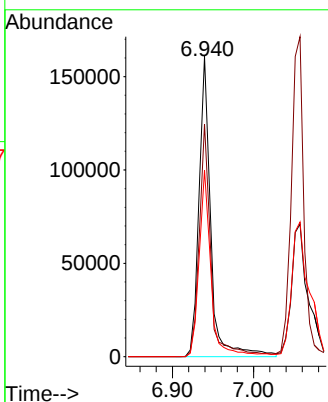
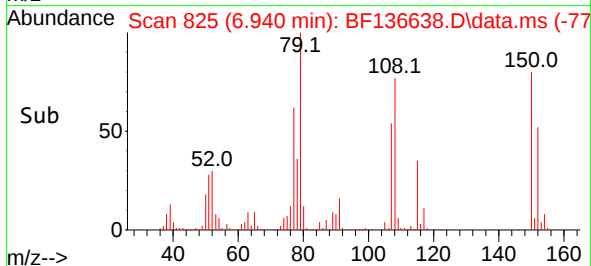
ICVBF121923



Tgt Ion: 79 Resp: 161715
Ion Ratio Lower Upper
79 100
108 77.5 62.3 93.5
77 62.1 48.3 72.5

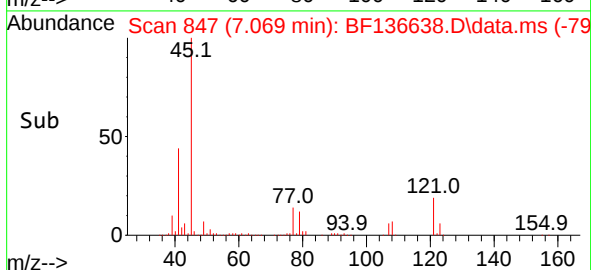
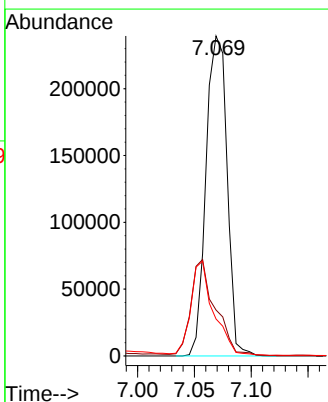
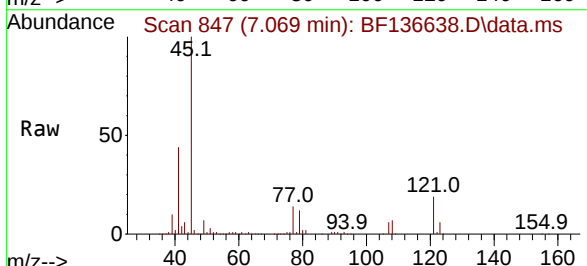
Manual Integrations
APPROVED

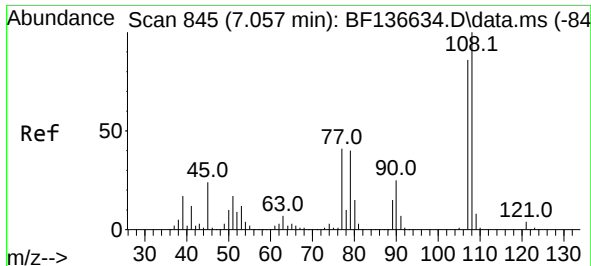
Reviewed By :Yogesh Patel 12/20/2023
Supervised By :mohammad ahmed 12/20/2023



#16
2,2'-oxybis(1-Chloropropane)
Concen: 41.190 ng
RT: 7.069 min Scan# 847
Delta R.T. 0.000 min
Lab File: BF136638.D
Acq: 19 Dec 2023 19:15

Tgt Ion: 45 Resp: 309238
Ion Ratio Lower Upper
45 100
77 14.3 0.0 36.5
79 11.6 0.0 33.7





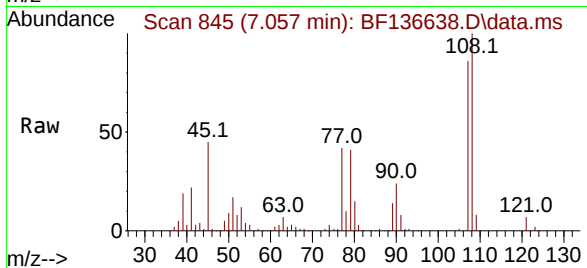
#17
2-Methylphenol
Concen: 40.866 ng
RT: 7.057 min Scan# 845
Delta R.T. 0.000 min
Lab File: BF136638.D
Acq: 19 Dec 2023 19:15

Instrument :

BNA_F

ClientSampleId :

ICVBF121923

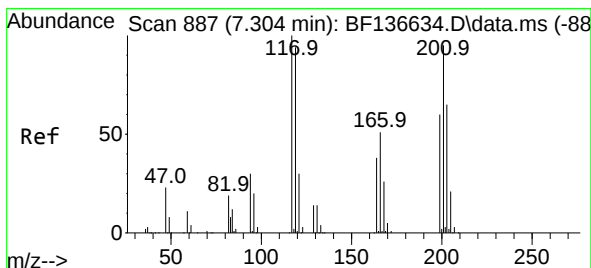
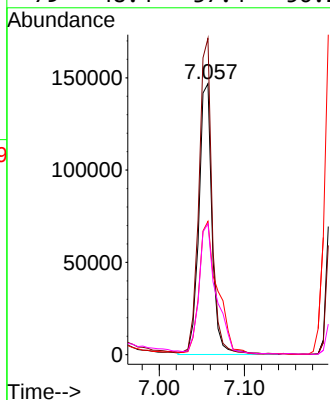
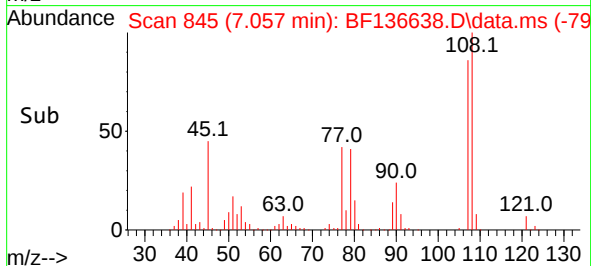


Tgt Ion:107 Resp: 158518
Ion Ratio Lower Upper
107 100
108 116.7 92.6 139.0
77 49.2 37.9 56.9
79 48.4 37.4 56.2

Manual Integrations

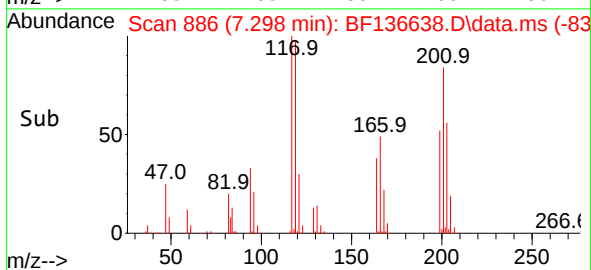
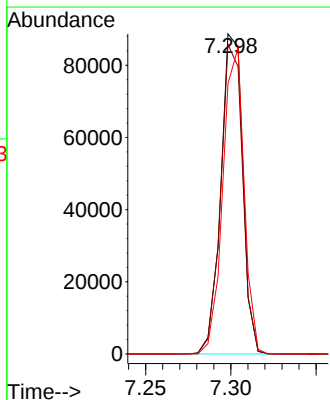
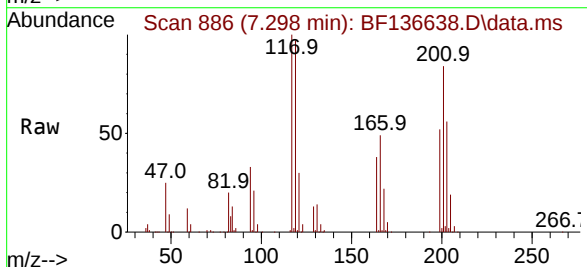
APPROVED

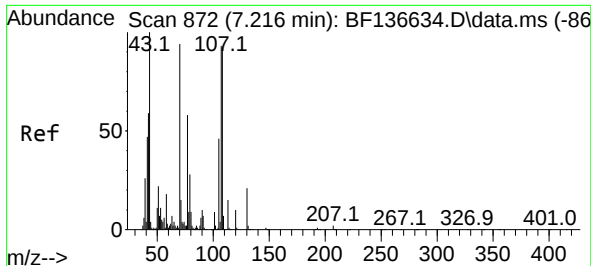
Reviewed By :Yogesh Patel 12/20/2023
Supervised By :mohammad ahmed 12/20/2023



#18
Hexachloroethane
Concen: 41.549 ng
RT: 7.298 min Scan# 886
Delta R.T. -0.006 min
Lab File: BF136638.D
Acq: 19 Dec 2023 19:15

Tgt Ion:117 Resp: 79237
Ion Ratio Lower Upper
117 100
119 96.7 75.6 113.4
201 84.5 75.7 113.5





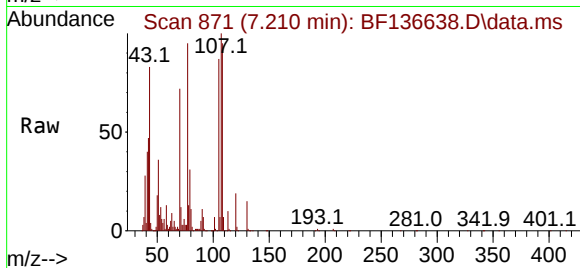
#19
n-Nitroso-di-n-propylamine
Concen: 40.411 ng
RT: 7.210 min Scan# 871
Delta R.T. -0.006 min
Lab File: BF136638.D
Acq: 19 Dec 2023 19:15

Instrument :

BNA_F

ClientSampleId :

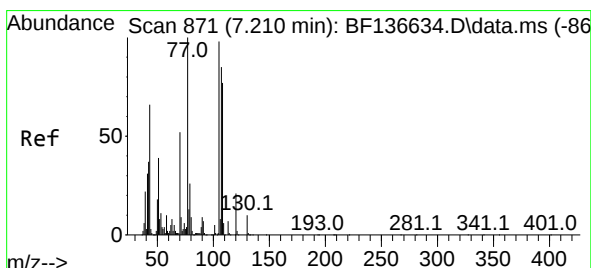
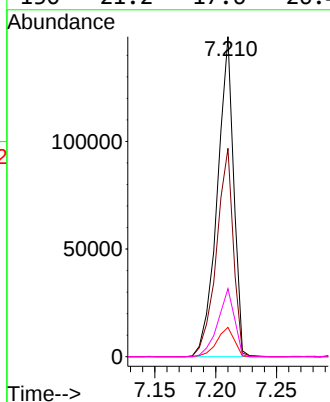
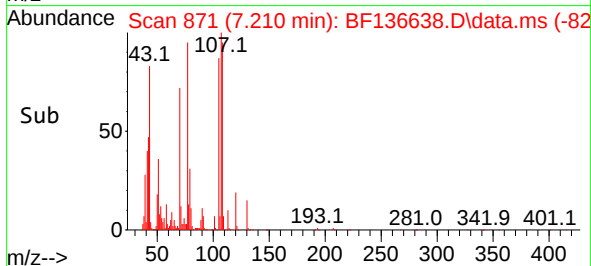
ICVBF121923



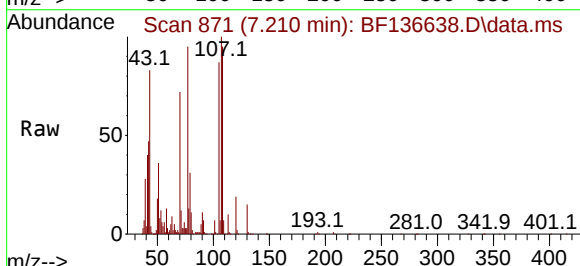
Tgt Ion: 70 Resp: 139815
Ion Ratio Lower Upper
70 100
42 65.1 50.1 75.1
101 9.1 8.1 12.1
130 21.2 17.6 26.4

Manual Integrations
APPROVED

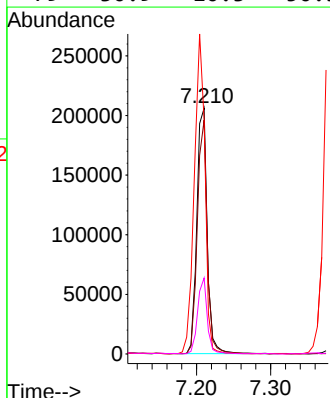
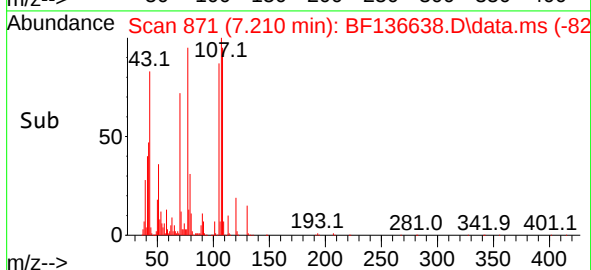
Reviewed By :Yogesh Patel 12/20/2023
Supervised By :mohammad ahmed 12/20/2023

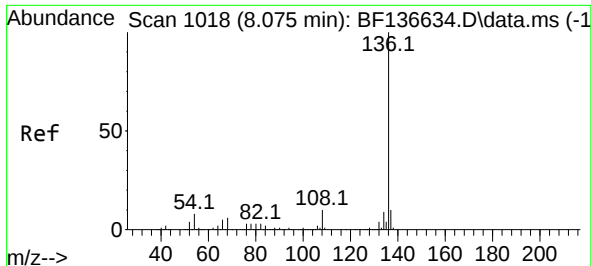


#20
3+4-Methylphenols
Concen: 40.745 ng
RT: 7.210 min Scan# 871
Delta R.T. 0.000 min
Lab File: BF136638.D
Acq: 19 Dec 2023 19:15



Tgt Ion:107 Resp: 199020
Ion Ratio Lower Upper
107 100
108 95.2 70.4 110.4
77 95.1 97.1 137.1#
79 30.9 10.3 50.3





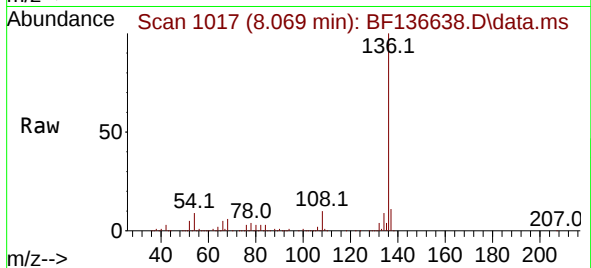
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.069 min Scan# 1018
Delta R.T. -0.006 min
Lab File: BF136638.D
Acq: 19 Dec 2023 19:15

Instrument :

BNA_F

ClientSampleId :

ICVBF121923

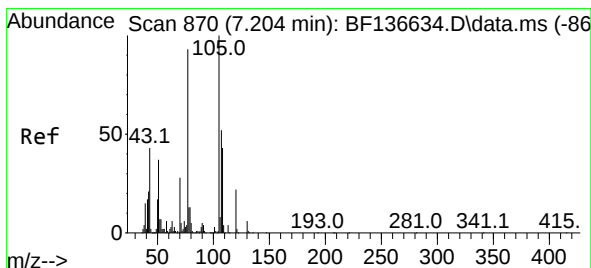
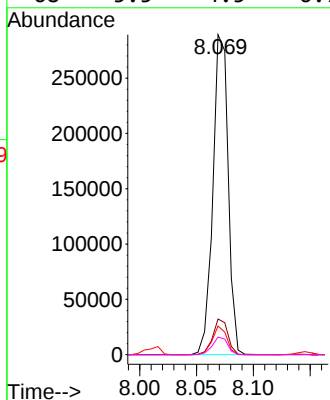
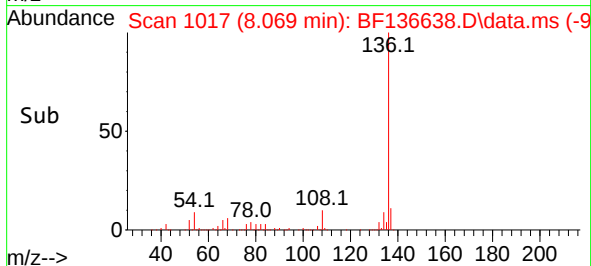


Tgt Ion:136 Resp: 270970
Ion Ratio Lower Upper
136 100
137 11.2 8.2 12.4
54 9.0 6.4 9.6
68 5.5 4.5 6.7

Manual Integrations

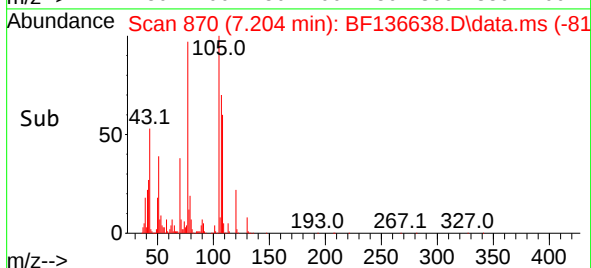
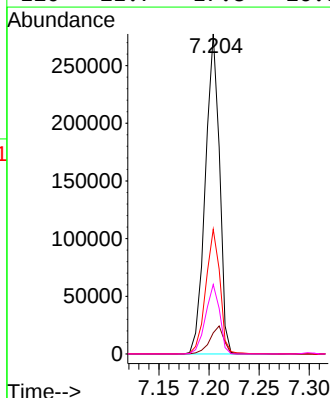
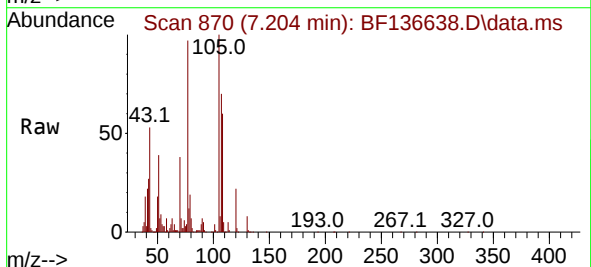
APPROVED

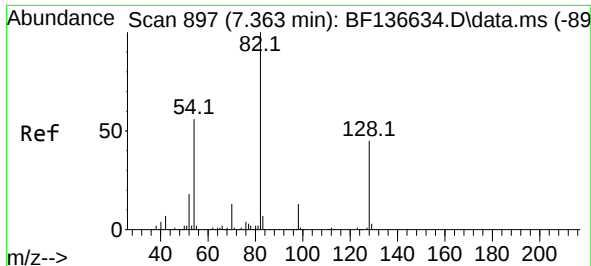
Reviewed By :Yogesh Patel 12/20/2023
Supervised By :mohammad ahmed 12/20/2023



#22
Acetophenone
Concen: 40.399 ng
RT: 7.204 min Scan# 870
Delta R.T. 0.000 min
Lab File: BF136638.D
Acq: 19 Dec 2023 19:15

Tgt Ion:105 Resp: 273871
Ion Ratio Lower Upper
105 100
71 6.6 3.8 5.6#
51 39.0 29.8 44.6
120 21.7 17.8 26.8





#23

Nitrobenzene-d5

Concen: 82.357 ng

RT: 7.357 min Scan# 897

Delta R.T. -0.006 min

Lab File: BF136638.D

Acq: 19 Dec 2023 19:15

Instrument :

BNA_F

ClientSampleId :

ICVBF121923

Tgt Ion: 82 Resp: 42974

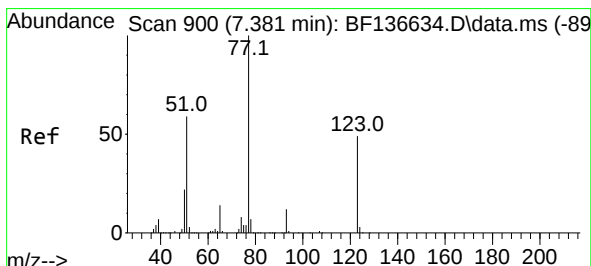
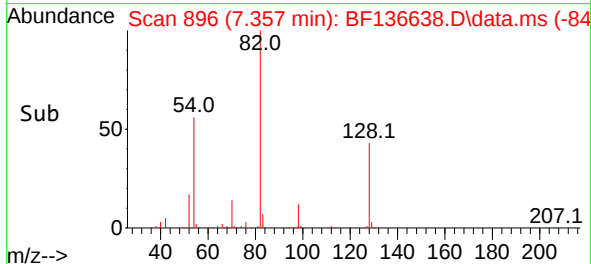
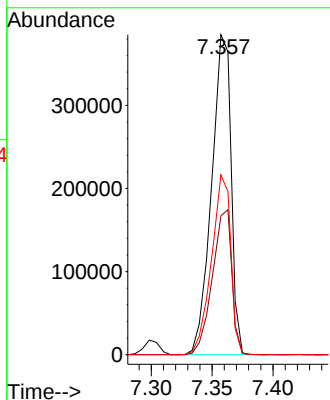
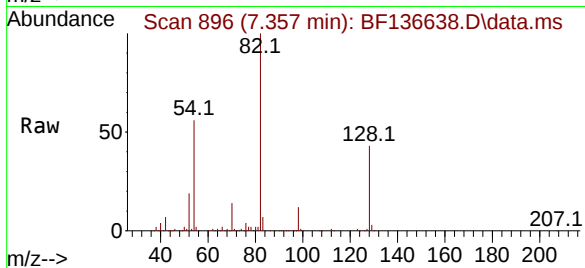
Ion	Ratio	Lower	Upper
82	100		
128	43.4	35.7	53.5
54	56.2	44.5	66.7

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 12/20/2023

Supervised By :mohammad ahmed 12/20/2023



#24

Nitrobenzene

Concen: 41.661 ng

RT: 7.381 min Scan# 900

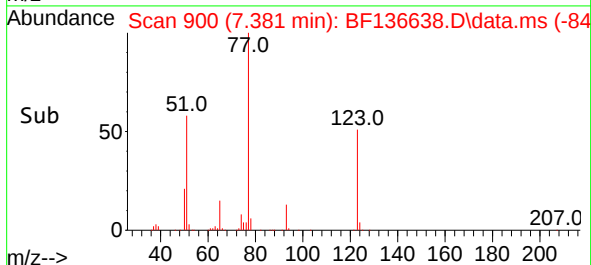
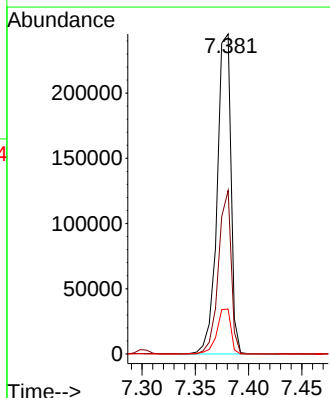
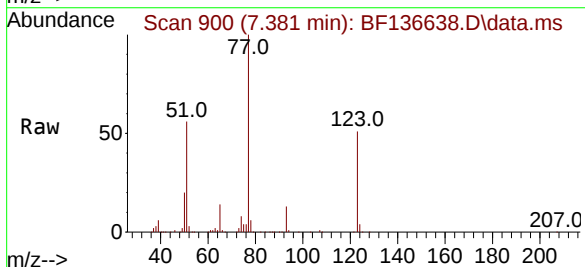
Delta R.T. 0.000 min

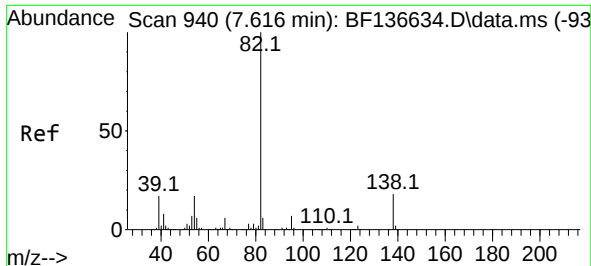
Lab File: BF136638.D

Acq: 19 Dec 2023 19:15

Tgt Ion: 77 Resp: 220687

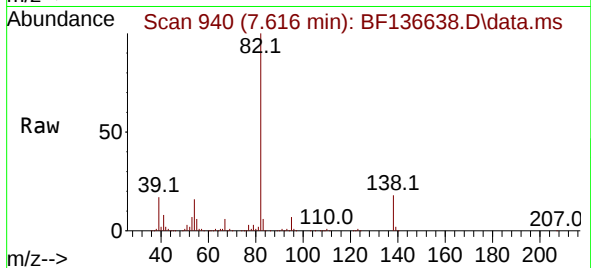
Ion	Ratio	Lower	Upper
77	100		
123	51.1	39.2	58.8
65	14.1	11.5	17.3





#25
Isophorone
Concen: 40.394 ng
RT: 7.616 min Scan# 940
Delta R.T. 0.000 min
Lab File: BF136638.D
Acq: 19 Dec 2023 19:15

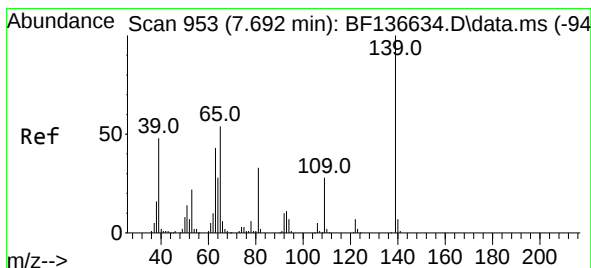
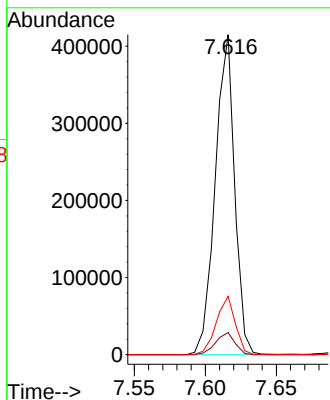
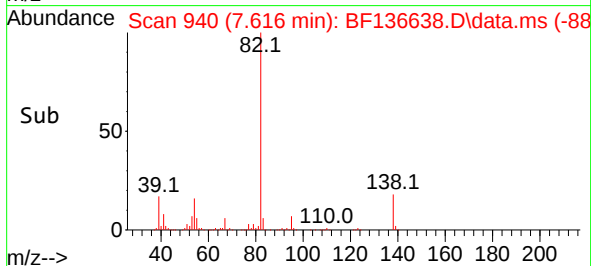
Instrument :
BNA_F
ClientSampleId :
ICVBF121923



Tgt Ion: 82 Resp: 393189
Ion Ratio Lower Upper
82 100
95 6.9 5.6 8.4
138 18.3 14.2 21.4

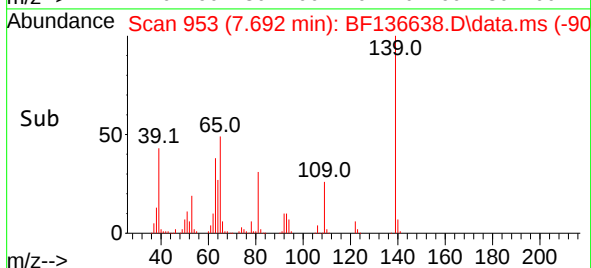
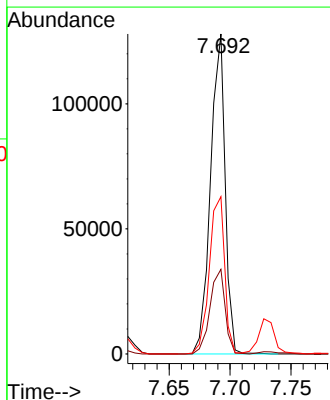
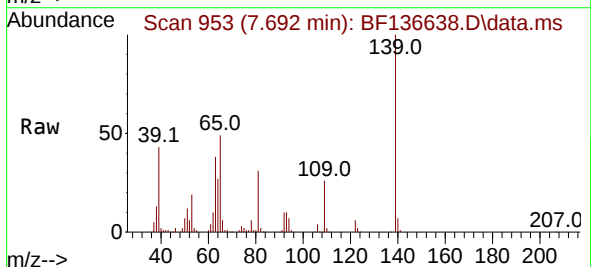
Manual Integrations
APPROVED

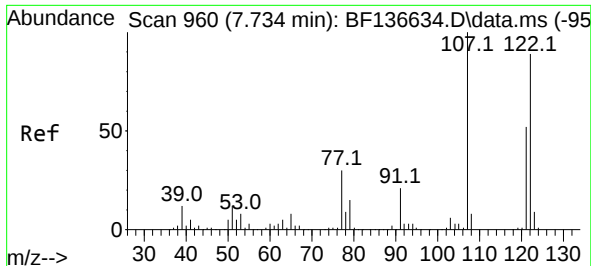
Reviewed By :Yogesh Patel 12/20/2023
Supervised By :mohammad ahmed 12/20/2023



#26
2-Nitrophenol
Concen: 42.381 ng
RT: 7.692 min Scan# 953
Delta R.T. 0.000 min
Lab File: BF136638.D
Acq: 19 Dec 2023 19:15

Tgt Ion:139 Resp: 106376
Ion Ratio Lower Upper
139 100
109 26.5 22.4 33.6
65 49.2 43.0 64.4





#27

2,4-Dimethylphenol

Concen: 39.989 ng

RT: 7.734 min Scan# 90

Delta R.T. 0.000 min

Lab File: BF136638.D

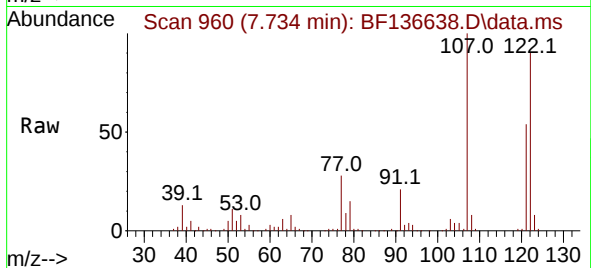
Acq: 19 Dec 2023 19:15

Instrument :

BNA_F

ClientSampleId :

ICVBF121923



Tgt Ion: 122 Resp: 126060

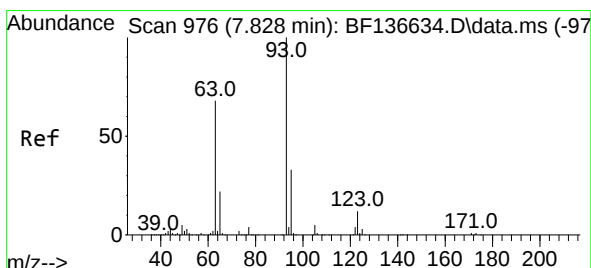
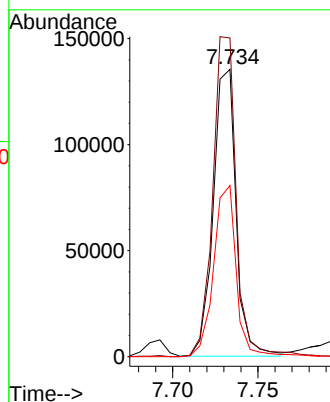
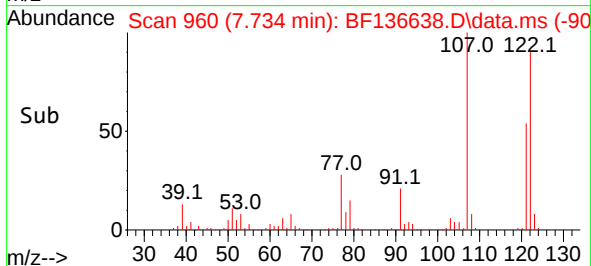
Ion	Ratio	Lower	Upper
122	100		
107	110.9	89.4	134.2
121	59.6	46.7	70.1

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 12/20/2023

Supervised By :mohammad ahmed 12/20/2023



#28

bis(2-Chloroethoxy)methane

Concen: 40.564 ng

RT: 7.822 min Scan# 975

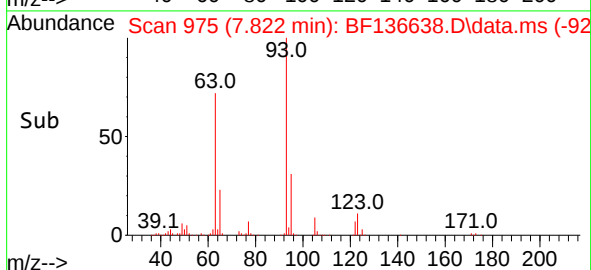
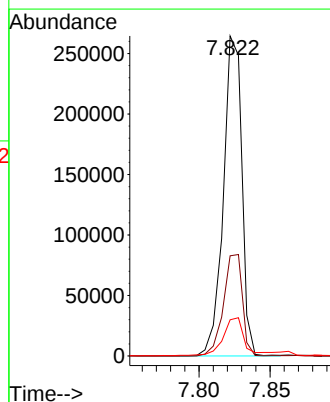
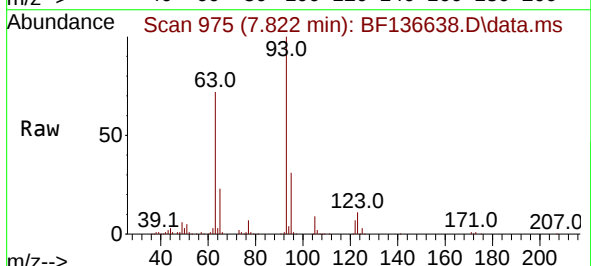
Delta R.T. -0.006 min

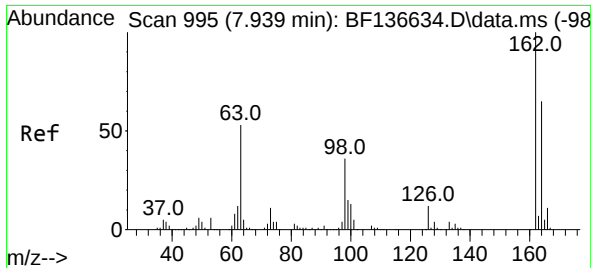
Lab File: BF136638.D

Acq: 19 Dec 2023 19:15

Tgt Ion: 93 Resp: 238970

Ion	Ratio	Lower	Upper
93	100		
95	31.3	26.2	39.2
123	11.3	9.5	14.3





#29

2,4-Dichlorophenol

Concen: 41.913 ng

RT: 7.934 min Scan# 995

Delta R.T. -0.006 min

Lab File: BF136638.D

Acq: 19 Dec 2023 19:15

Instrument :

BNA_F

ClientSampleId :

ICVBF121923

Tgt Ion:162 Resp: 163794

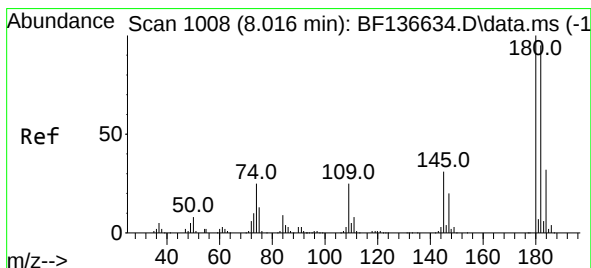
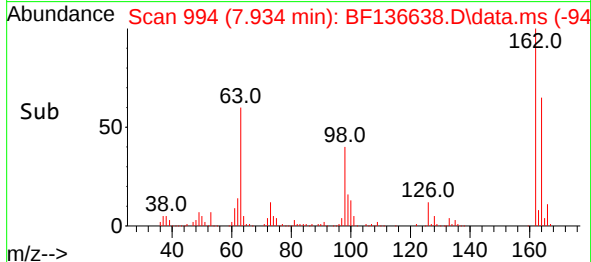
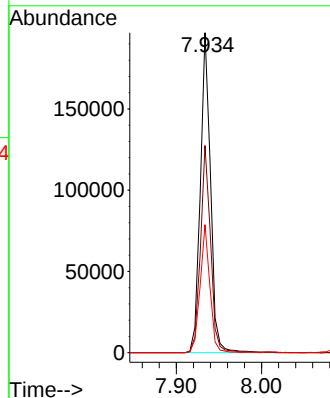
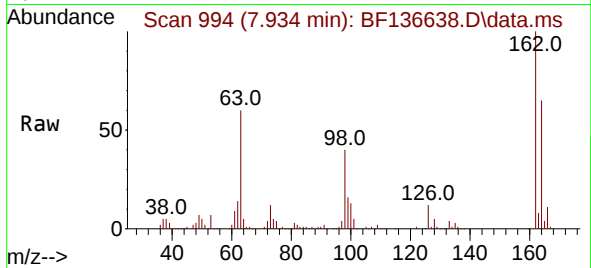
Ion	Ratio	Lower	Upper
162	100		
164	64.8	44.9	84.9
98	40.0	16.4	56.4

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 12/20/2023

Supervised By :mohammad ahmed 12/20/2023



#30

1,2,4-Trichlorobenzene

Concen: 41.656 ng

RT: 8.010 min Scan# 1007

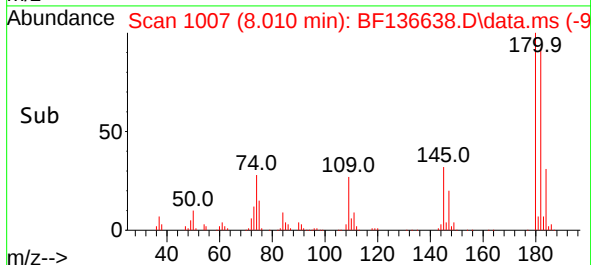
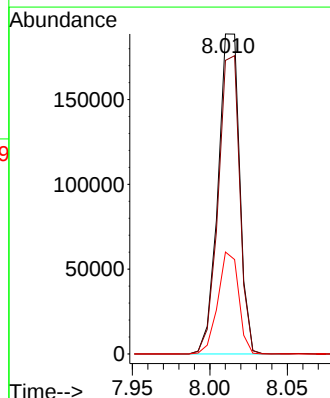
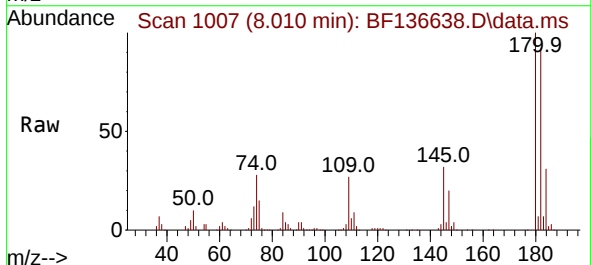
Delta R.T. -0.006 min

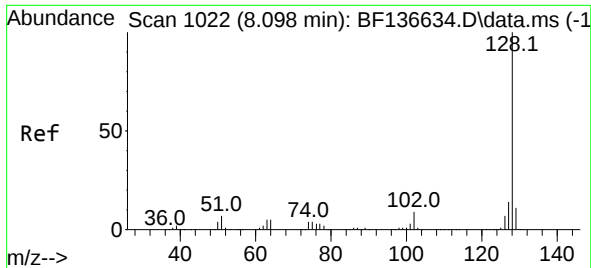
Lab File: BF136638.D

Acq: 19 Dec 2023 19:15

Tgt Ion:180 Resp: 183180

Ion	Ratio	Lower	Upper
180	100		
182	91.8	75.8	113.6
145	31.9	24.6	37.0





#31
Naphthalene
Concen: 40.662 ng
RT: 8.092 min Scan# 1022
Delta R.T. -0.006 min
Lab File: BF136638.D
Acq: 19 Dec 2023 19:15

Instrument :

BNA_F

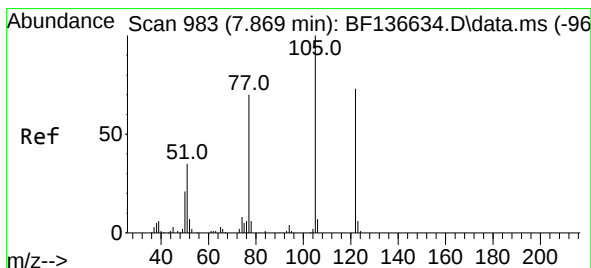
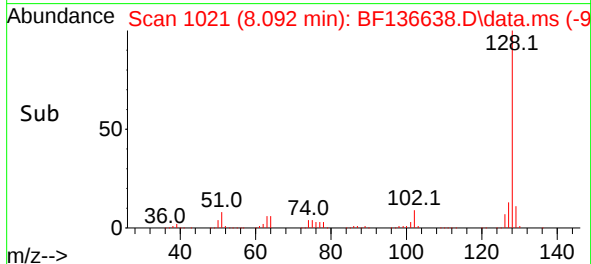
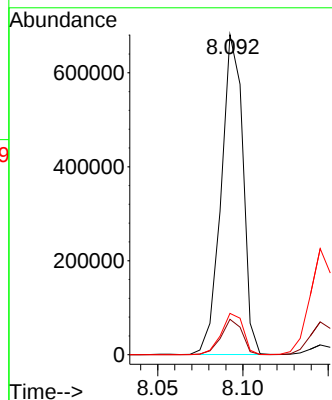
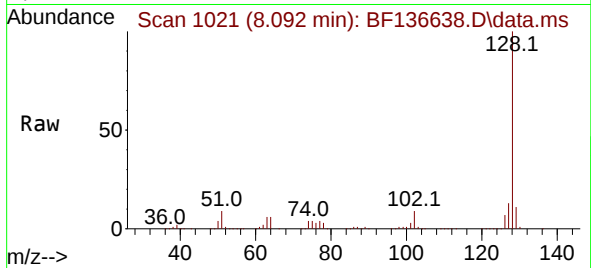
ClientSampleId :

ICVBF121923

Tgt Ion:128 Resp: 602020
Ion Ratio Lower Upper
128 100
129 11.1 8.5 12.7
127 12.9 10.8 16.2

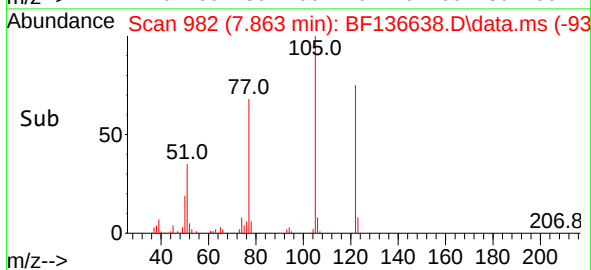
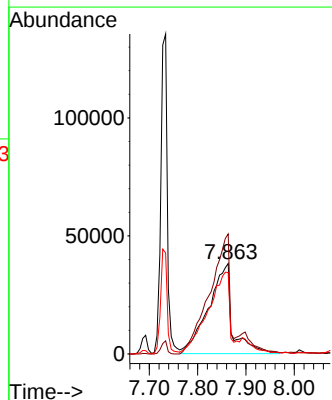
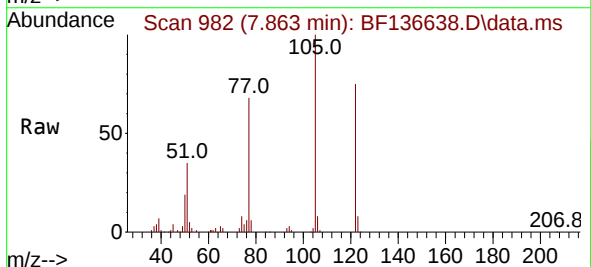
Manual Integrations
APPROVED

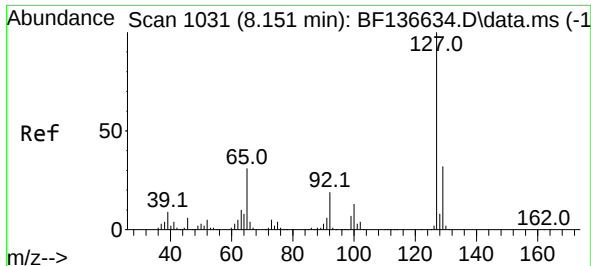
Reviewed By :Yogesh Patel 12/20/2023
Supervised By :mohammad ahmed 12/20/2023



#32
Benzoic acid
Concen: 45.098 ng m
RT: 7.863 min Scan# 982
Delta R.T. -0.006 min
Lab File: BF136638.D
Acq: 19 Dec 2023 19:15

Tgt Ion:122 Resp: 131870
Ion Ratio Lower Upper
122 100
105 132.6 111.6 151.6
77 90.0 73.3 113.3





#33
4-Chloroaniline
Concen: 40.080 ng
RT: 8.145 min Scan# 1030
Delta R.T. -0.006 min
Lab File: BF136638.D
Acq: 19 Dec 2023 19:15

Instrument :

BNA_F

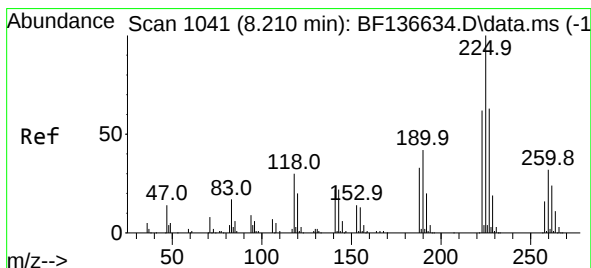
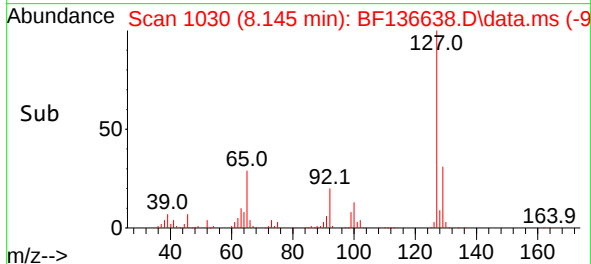
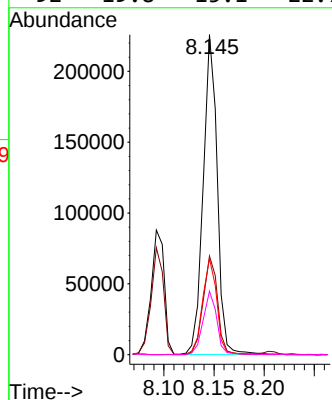
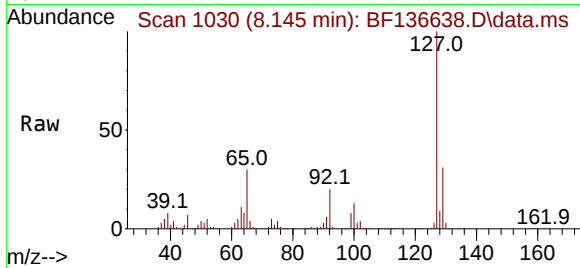
ClientSampleId :

ICVBF121923

Tgt Ion:127 Resp: 220852
Ion Ratio Lower Upper
127 100
129 30.9 25.6 38.4
65 30.1 24.9 37.3
92 19.8 15.1 22.7

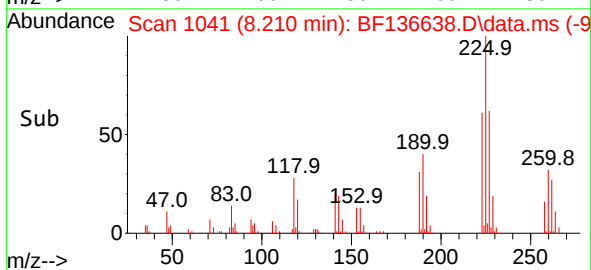
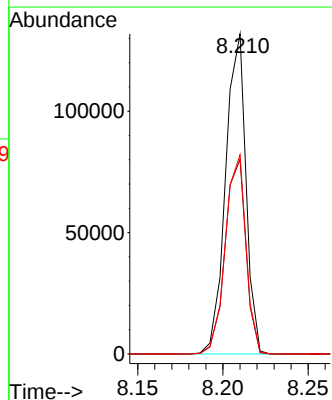
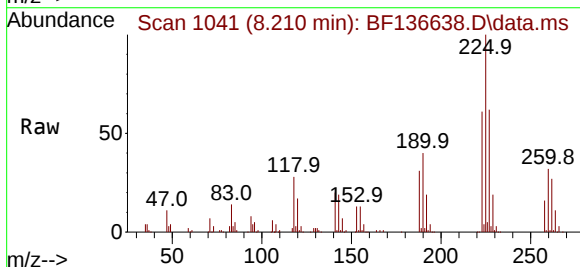
Manual Integrations
APPROVED

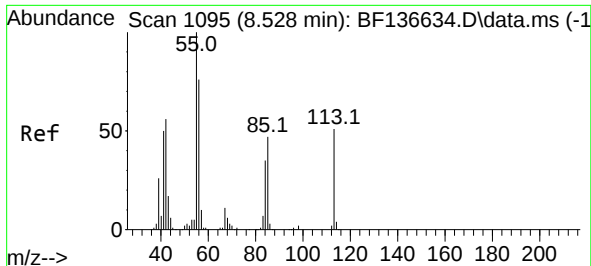
Reviewed By :Yogesh Patel 12/20/2023
Supervised By :mohammad ahmed 12/20/2023



#34
Hexachlorobutadiene
Concen: 40.743 ng
RT: 8.210 min Scan# 1041
Delta R.T. 0.000 min
Lab File: BF136638.D
Acq: 19 Dec 2023 19:15

Tgt Ion:225 Resp: 109534
Ion Ratio Lower Upper
225 100
223 60.8 49.4 74.2
227 62.3 50.2 75.2





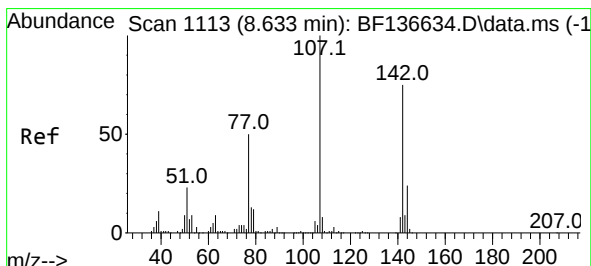
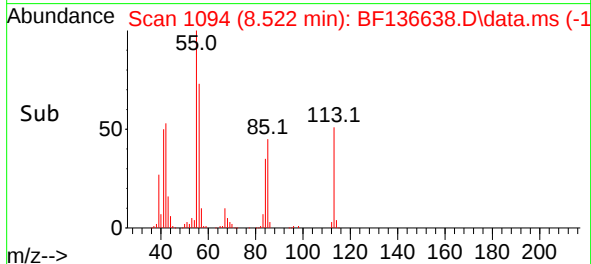
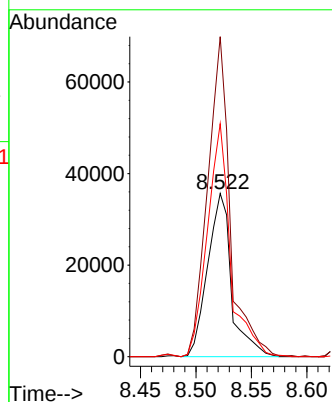
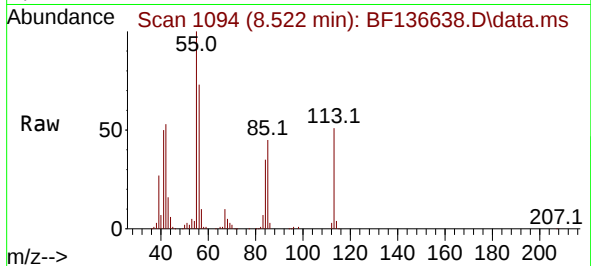
#35
Caprolactam
Concen: 40.860 ng m
RT: 8.522 min Scan# 1095
Delta R.T. -0.006 min
Lab File: BF136638.D
Acq: 19 Dec 2023 19:15

Instrument :
BNA_F
ClientSampleId :
ICVBF121923

Tgt Ion:113 Resp: 53389
Ion Ratio Lower Upper
113 100
55 196.1 174.3 214.3
56 142.7 127.6 167.6

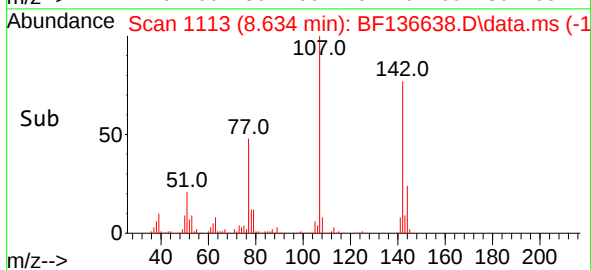
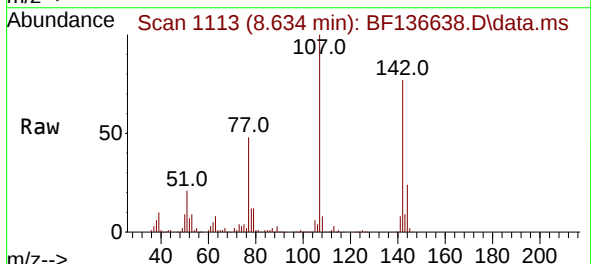
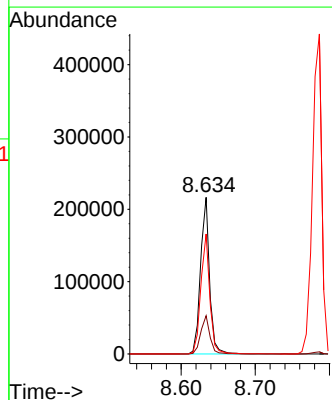
Manual Integrations
APPROVED

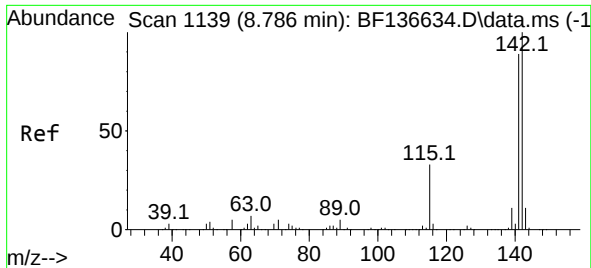
Reviewed By :Yogesh Patel 12/20/2023
Supervised By :mohammad ahmed 12/20/2023



#36
4-Chloro-3-methylphenol
Concen: 40.962 ng
RT: 8.634 min Scan# 1113
Delta R.T. 0.000 min
Lab File: BF136638.D
Acq: 19 Dec 2023 19:15

Tgt Ion:107 Resp: 182222
Ion Ratio Lower Upper
107 100
144 24.4 19.0 28.6
142 76.7 59.8 89.8





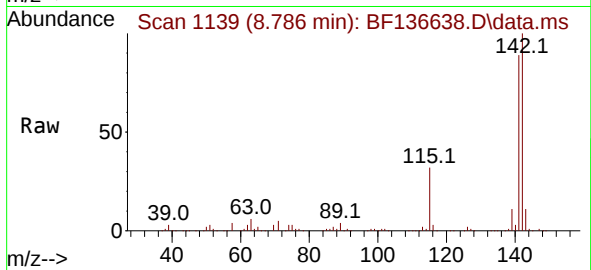
#37
2-Methylnaphthalene
Concen: 40.459 ng
RT: 8.786 min Scan# 1139
Delta R.T. 0.000 min
Lab File: BF136638.D
Acq: 19 Dec 2023 19:15

Instrument :

BNA_F

ClientSampleId :

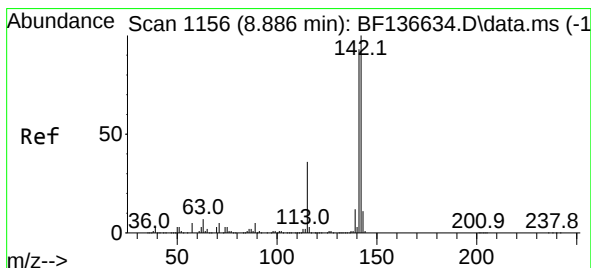
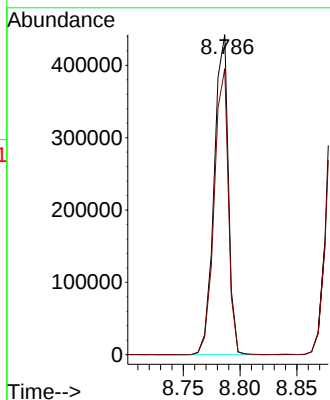
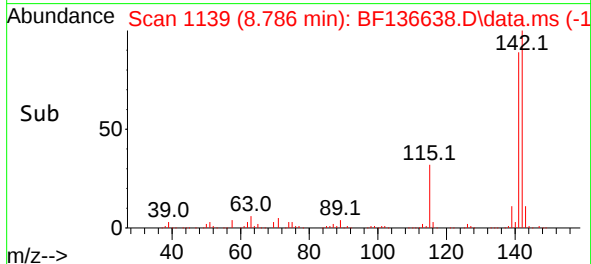
ICVBF121923



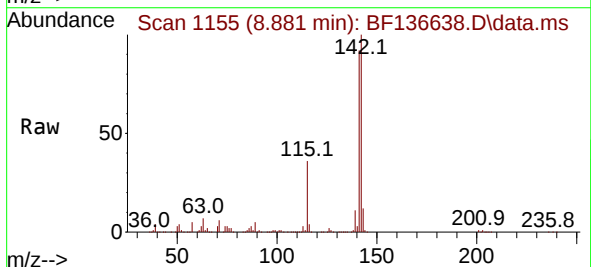
Tgt Ion:142 Resp: 384938
Ion Ratio Lower Upper
142 100
141 89.4 71.5 107.3

Manual Integrations
APPROVED

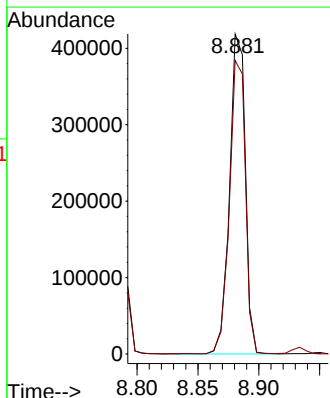
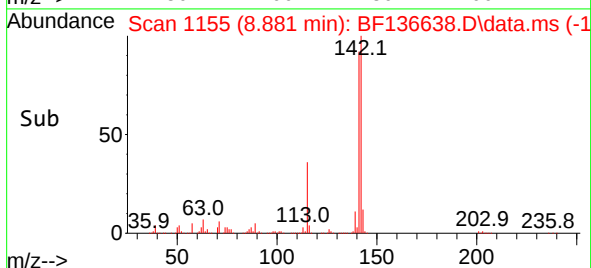
Reviewed By :Yogesh Patel 12/20/2023
Supervised By :mohammad ahmed 12/20/2023

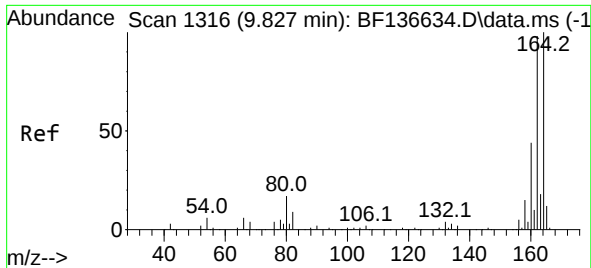


#38
1-Methylnaphthalene
Concen: 40.145 ng
RT: 8.881 min Scan# 1155
Delta R.T. -0.006 min
Lab File: BF136638.D
Acq: 19 Dec 2023 19:15



Tgt Ion:142 Resp: 376390
Ion Ratio Lower Upper
142 100
141 91.7 74.6 112.0





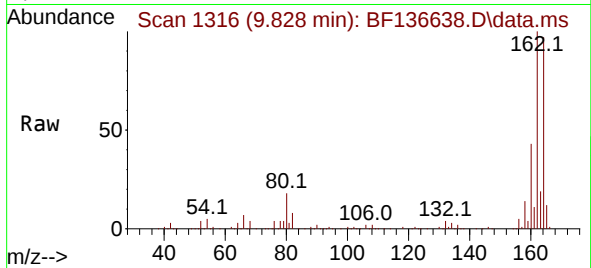
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.828 min Scan# 1167
Delta R.T. 0.000 min
Lab File: BF136638.D
Acq: 19 Dec 2023 19:15

Instrument :

BNA_F

ClientSampleId :

ICVBF121923

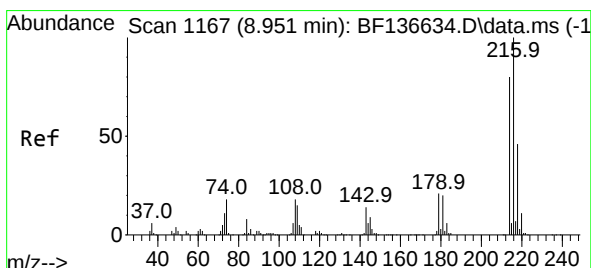
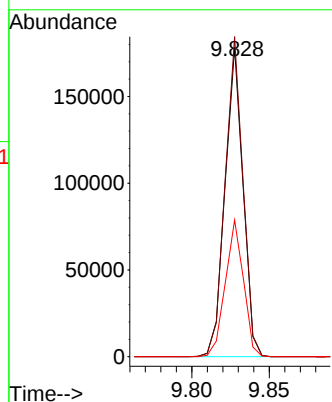
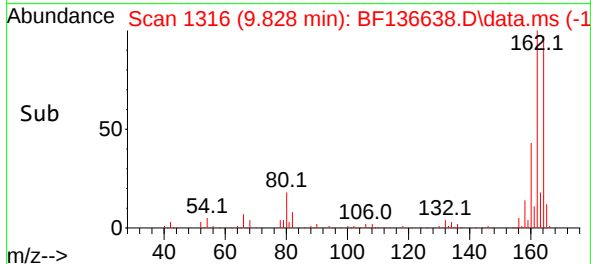


Tgt Ion:164 Resp: 144129
Ion Ratio Lower Upper
164 100
162 103.5 78.4 117.6
160 44.2 35.2 52.8

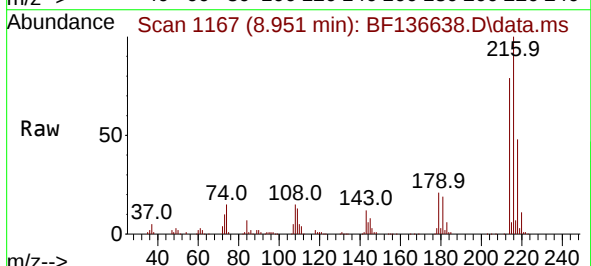
Manual Integrations

APPROVED

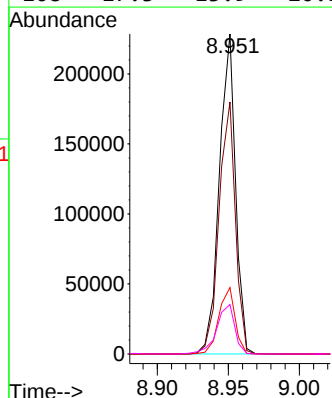
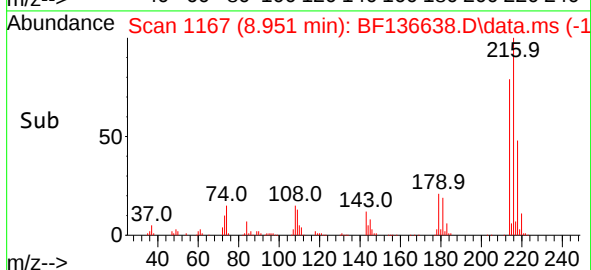
Reviewed By :Yogesh Patel 12/20/2023
Supervised By :mohammad ahmed 12/20/2023

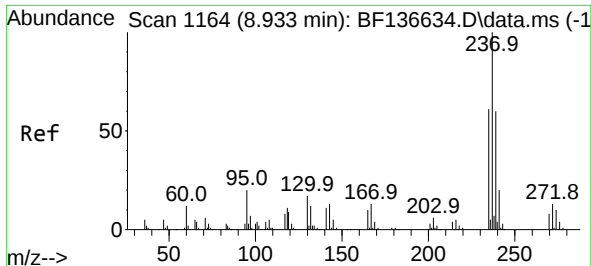


#40
1,2,4,5-Tetrachlorobenzene
Concen: 41.297 ng
RT: 8.951 min Scan# 1167
Delta R.T. 0.000 min
Lab File: BF136638.D
Acq: 19 Dec 2023 19:15



Tgt Ion:216 Resp: 180620
Ion Ratio Lower Upper
216 100
214 79.7 63.4 95.2
179 20.8 16.5 24.7
108 17.3 13.9 20.9





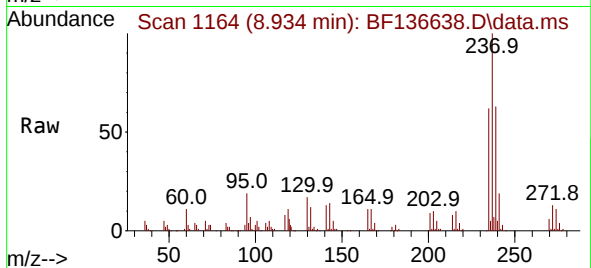
#41
Hexachlorocyclopentadiene
Concen: 38.895 ng
RT: 8.934 min Scan# 1164
Delta R.T. 0.001 min
Lab File: BF136638.D
Acq: 19 Dec 2023 19:15

Instrument :

BNA_F

ClientSampleId :

ICVBF121923

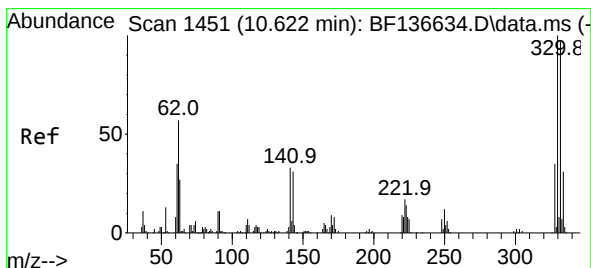
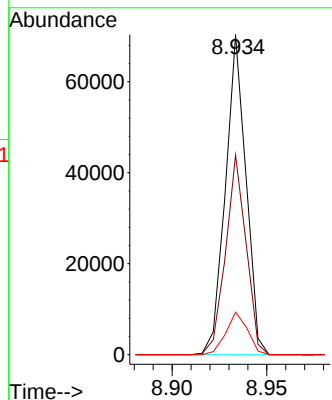
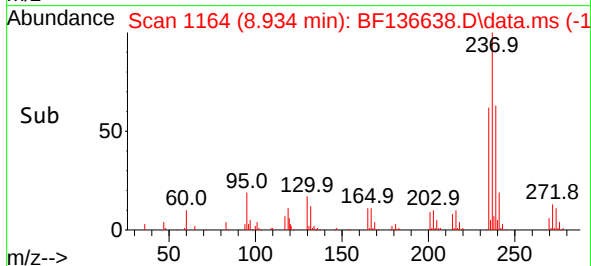


Tgt Ion:237 Resp: 5295
Ion Ratio Lower Upper
237 100
235 62.4 41.4 81.4
272 13.3 0.0 32.8

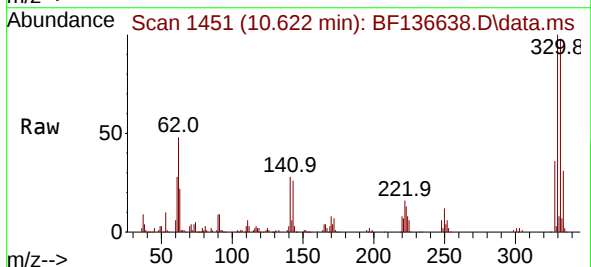
Manual Integrations

APPROVED

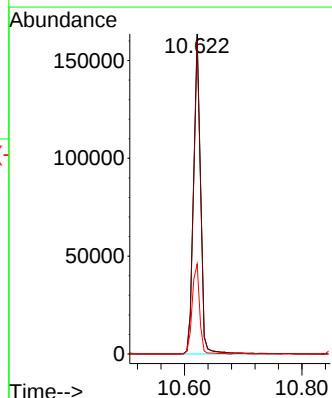
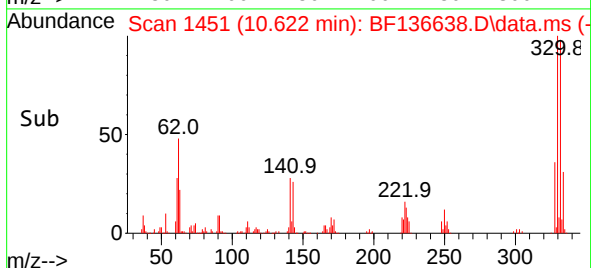
Reviewed By :Yogesh Patel 12/20/2023
Supervised By :mohammad ahmed 12/20/2023

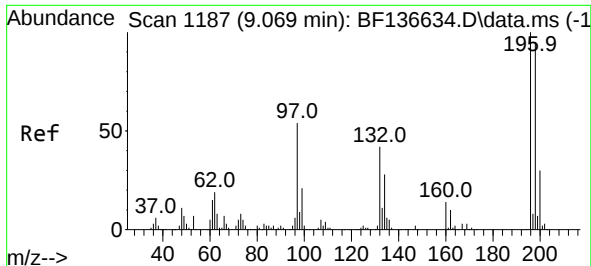


#42
2,4,6-Tribromophenol
Concen: 80.939 ng
RT: 10.622 min Scan# 1451
Delta R.T. 0.000 min
Lab File: BF136638.D
Acq: 19 Dec 2023 19:15



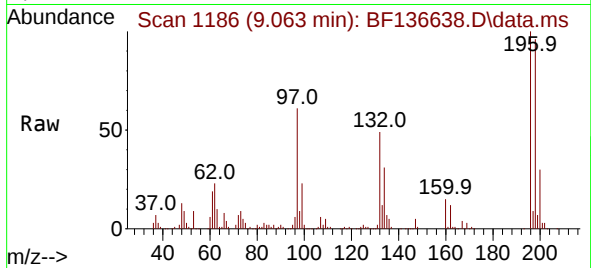
Tgt Ion:330 Resp: 136030
Ion Ratio Lower Upper
330 100
332 96.9 77.4 116.0
141 29.7 23.4 35.0





#43
2,4,6-Trichlorophenol
Concen: 41.054 ng
RT: 9.063 min Scan# 1186
Delta R.T. -0.006 min
Lab File: BF136638.D
Acq: 19 Dec 2023 19:15

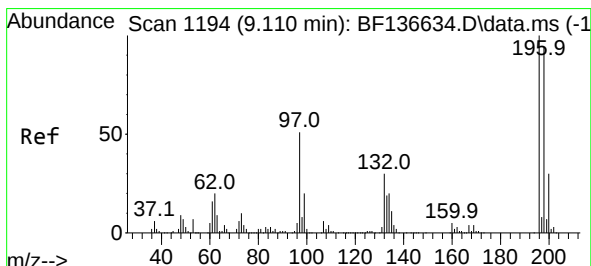
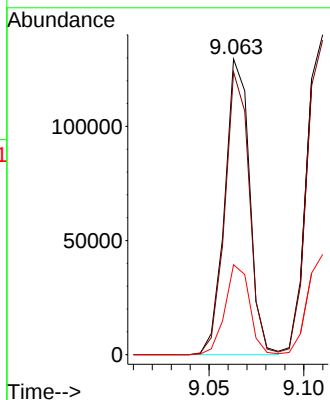
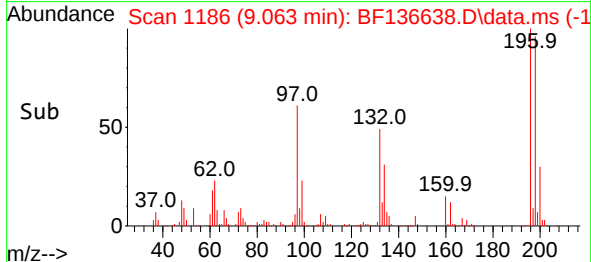
Instrument :
BNA_F
ClientSampleId :
ICVBF121923



Tgt Ion:196 Resp: 117754
Ion Ratio Lower Upper
196 100
198 95.6 76.2 114.2
200 30.4 24.2 36.2

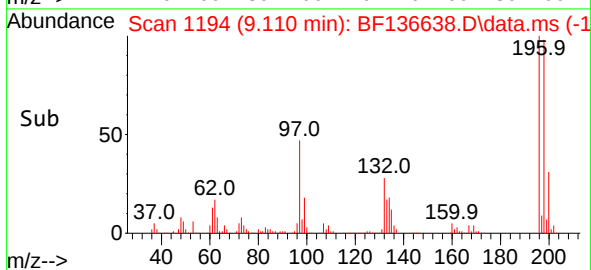
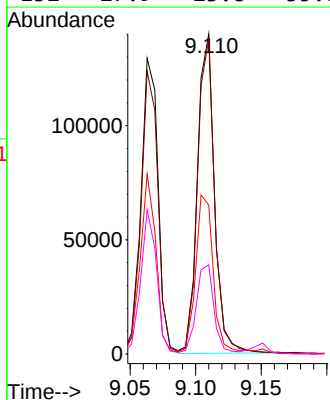
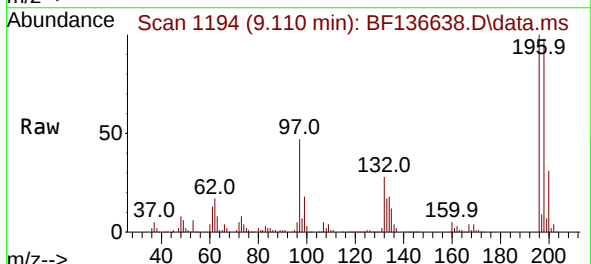
Manual Integrations
APPROVED

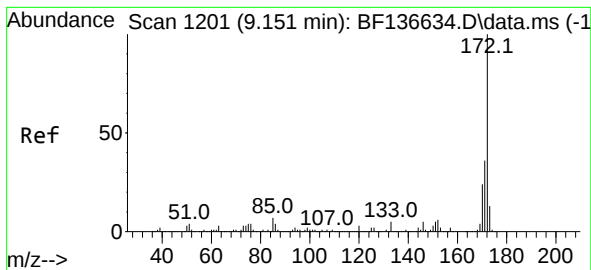
Reviewed By :Yogesh Patel 12/20/2023
Supervised By :mohammad ahmed 12/20/2023



#44
2,4,5-Trichlorophenol
Concen: 40.304 ng
RT: 9.110 min Scan# 1194
Delta R.T. 0.000 min
Lab File: BF136638.D
Acq: 19 Dec 2023 19:15

Tgt Ion:196 Resp: 127438
Ion Ratio Lower Upper
196 100
198 98.3 75.4 113.0
97 46.5 41.0 61.6
132 27.9 23.8 35.8





#45

2-Fluorobiphenyl

Concen: 80.781 ng

RT: 9.151 min Scan# 1201

Delta R.T. 0.000 min

Lab File: BF136638.D

Acq: 19 Dec 2023 19:15

Instrument :

BNA_F

ClientSampleId :

ICVBF121923

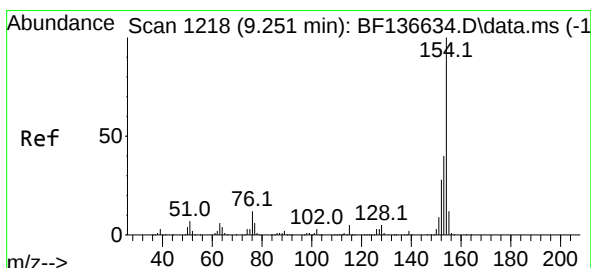
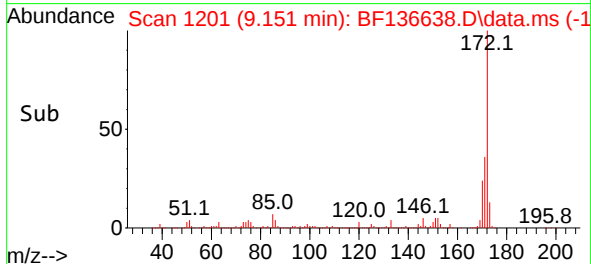
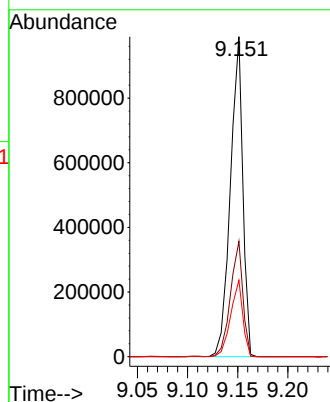
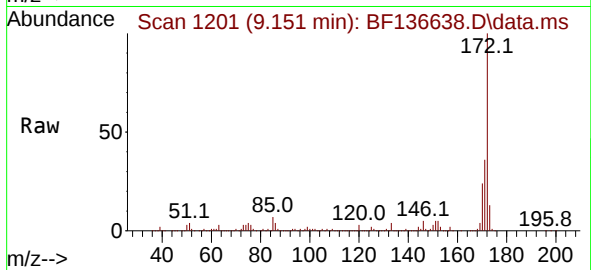
Tgt Ion:172 Resp: 852152
 Ion Ratio Lower Upper
 172 100
 171 36.1 29.0 43.6
 170 23.9 18.9 28.3

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 12/20/2023

Supervised By :mohammad ahmed 12/20/2023



#46

1,1'-Biphenyl

Concen: 40.434 ng

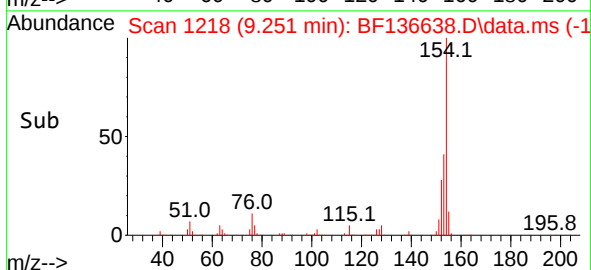
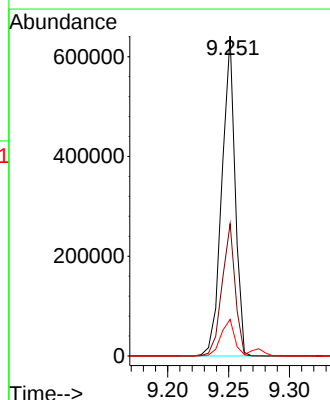
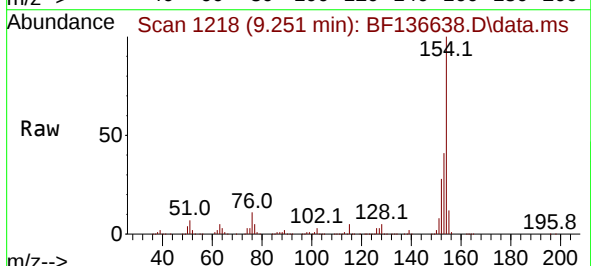
RT: 9.251 min Scan# 1218

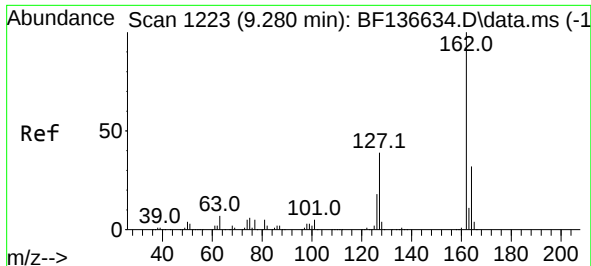
Delta R.T. 0.000 min

Lab File: BF136638.D

Acq: 19 Dec 2023 19:15

Tgt Ion:154 Resp: 487173
 Ion Ratio Lower Upper
 154 100
 153 41.4 20.5 60.5
 76 11.5 0.0 32.2





#47

2-Chloronaphthalene

Concen: 40.431 ng

RT: 9.275 min Scan# 1222

Delta R.T. -0.006 min

Lab File: BF136638.D

Acq: 19 Dec 2023 19:15

Instrument :

BNA_F

ClientSampleId :

ICVBF121923

Tgt Ion:162 Resp: 36786

Ion Ratio Lower Upper

162 100

127 41.7 31.8 47.6

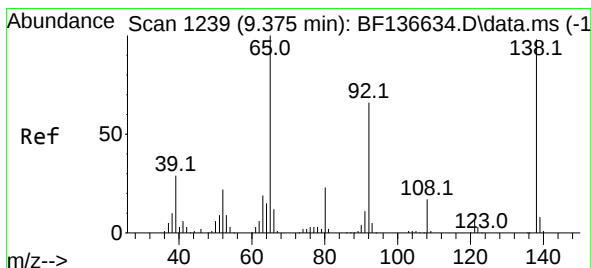
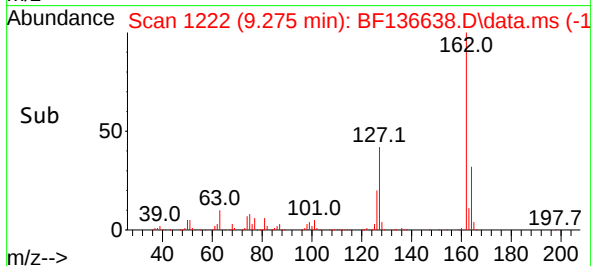
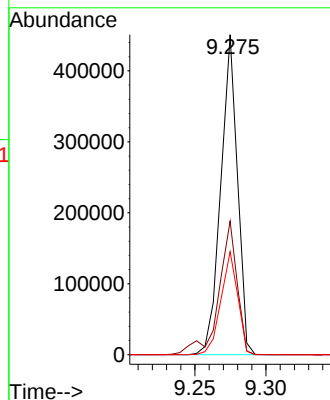
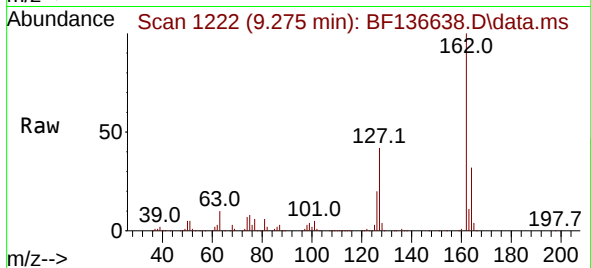
164 32.2 26.0 39.0

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 12/20/2023

Supervised By :mohammad ahmed 12/20/2023



#48

2-Nitroaniline

Concen: 41.466 ng

RT: 9.375 min Scan# 1239

Delta R.T. 0.000 min

Lab File: BF136638.D

Acq: 19 Dec 2023 19:15

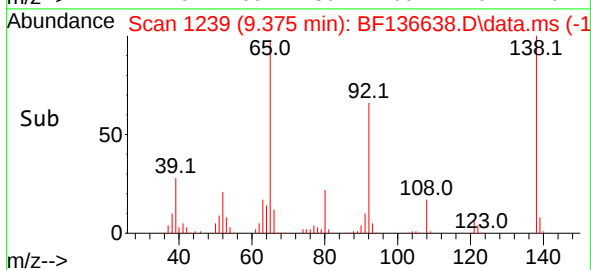
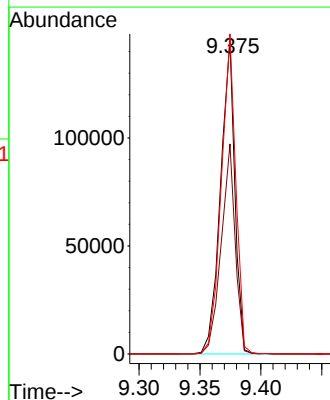
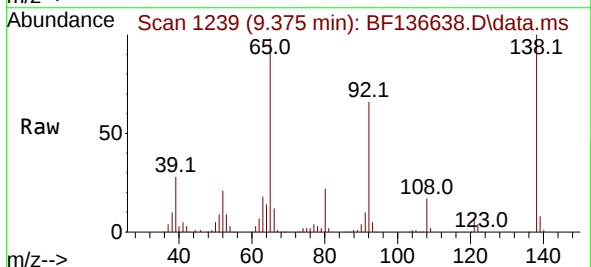
Tgt Ion: 65 Resp: 119293

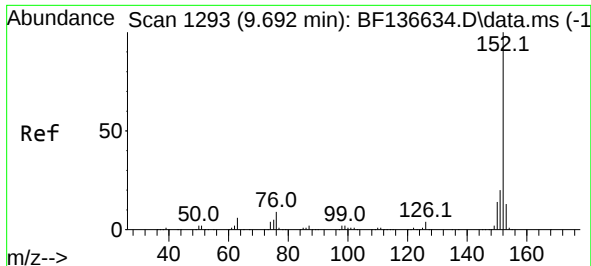
Ion Ratio Lower Upper

65 100

92 66.9 52.6 79.0

138 102.0 78.2 117.2





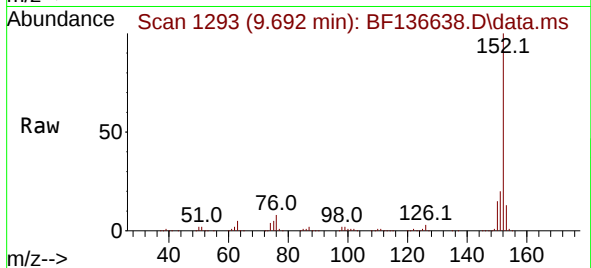
#49
Acenaphthylene
Concen: 40.831 ng
RT: 9.692 min Scan# 1293
Delta R.T. 0.000 min
Lab File: BF136638.D
Acq: 19 Dec 2023 19:15

Instrument :

BNA_F

ClientSampleId :

ICVBF121923



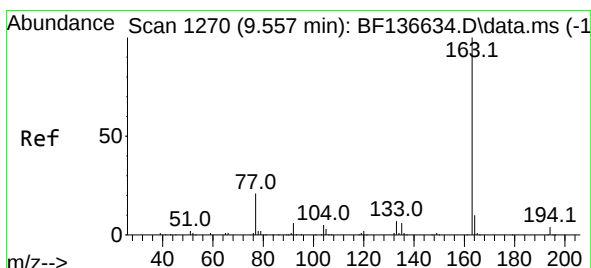
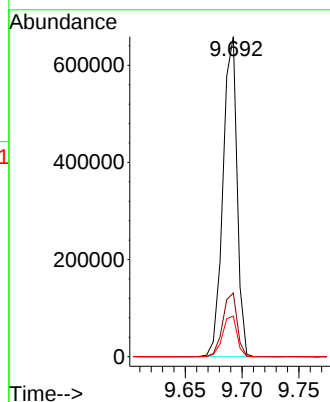
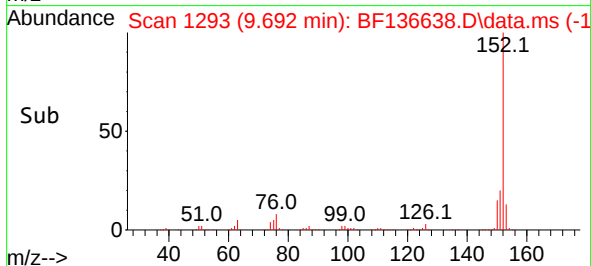
Tgt Ion:152 Resp: 570529
Ion Ratio Lower Upper
152 100
151 19.9 16.1 24.1
153 12.7 10.3 15.5

Manual Integrations

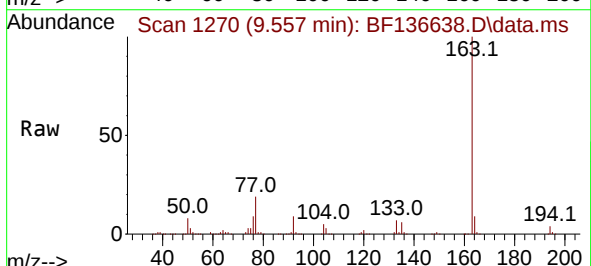
APPROVED

Reviewed By :Yogesh Patel 12/20/2023

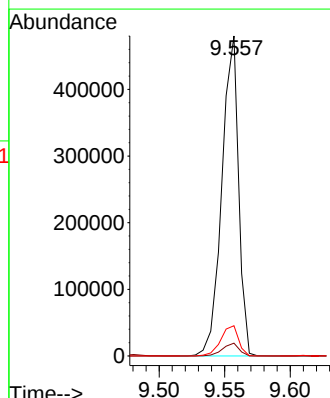
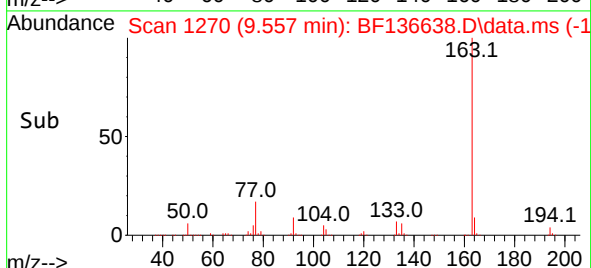
Supervised By :mohammad ahmed 12/20/2023

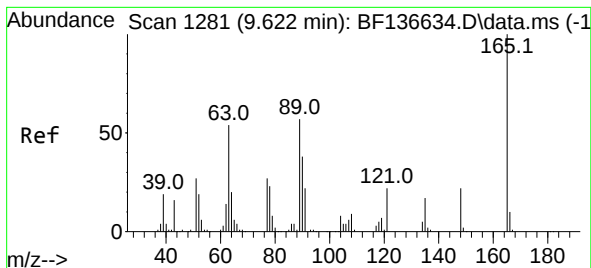


#50
Dimethylphthalate
Concen: 41.060 ng
RT: 9.557 min Scan# 1270
Delta R.T. 0.000 min
Lab File: BF136638.D
Acq: 19 Dec 2023 19:15



Tgt Ion:163 Resp: 424368
Ion Ratio Lower Upper
163 100
194 4.0 3.2 4.8
164 9.5 8.2 12.4





#51
2,6-Dinitrotoluene
Concen: 41.385 ng
RT: 9.616 min Scan# 1280
Delta R.T. -0.006 min
Lab File: BF136638.D
Acq: 19 Dec 2023 19:15

Instrument :

BNA_F

ClientSampleId :

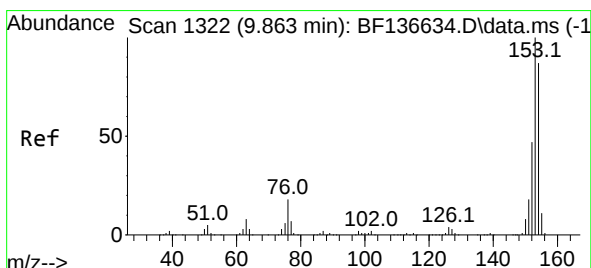
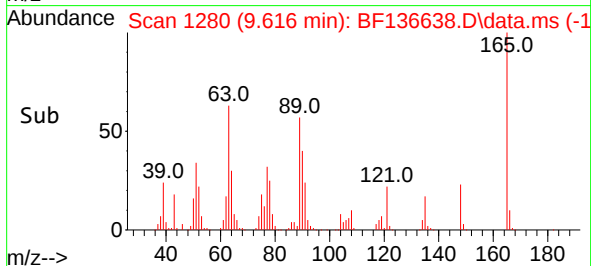
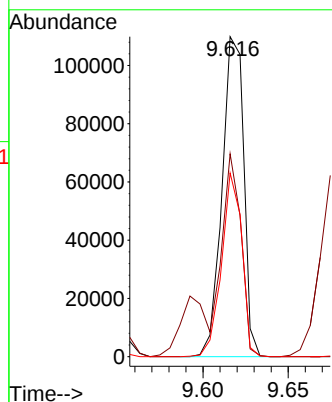
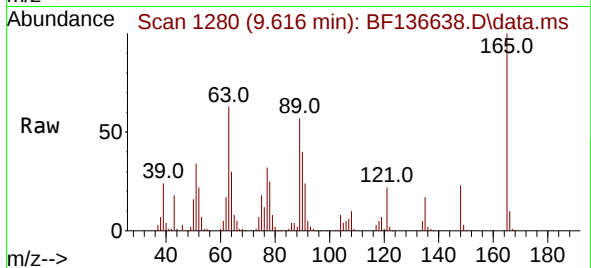
ICVBF121923

Tgt Ion:165 Resp: 97460
Ion Ratio Lower Upper
165 100
63 63.4 47.3 70.9
89 57.4 45.5 68.3

Manual Integrations

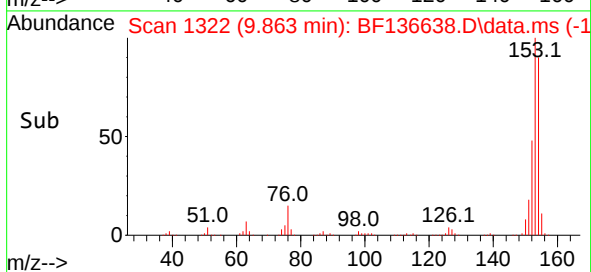
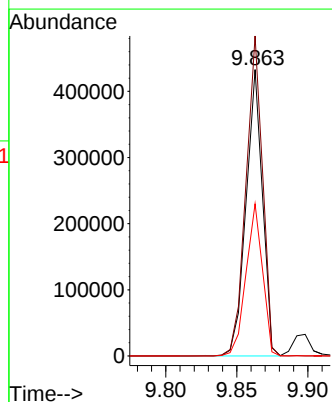
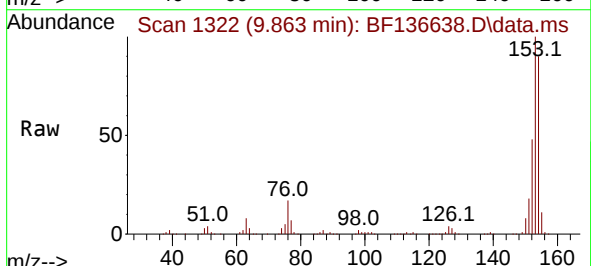
APPROVED

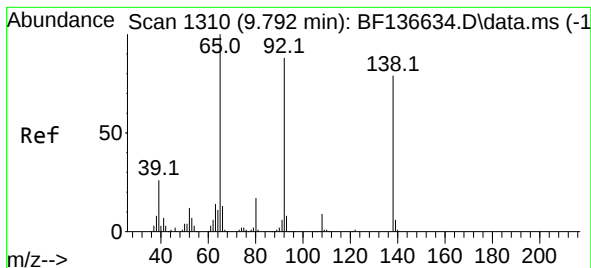
Reviewed By :Yogesh Patel 12/20/2023
Supervised By :mohammad ahmed 12/20/2023



#52
Acenaphthene
Concen: 40.504 ng
RT: 9.863 min Scan# 1322
Delta R.T. 0.000 min
Lab File: BF136638.D
Acq: 19 Dec 2023 19:15

Tgt Ion:154 Resp: 349949
Ion Ratio Lower Upper
154 100
153 111.7 92.3 138.5
152 53.1 43.4 65.0





#53
3-Nitroaniline
Concen: 40.623 ng
RT: 9.786 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF136638.D
Acq: 19 Dec 2023 19:15

Instrument :

BNA_F

ClientSampleId :

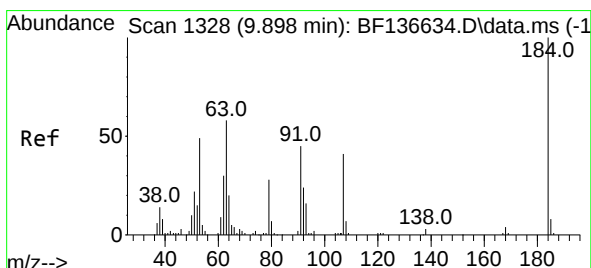
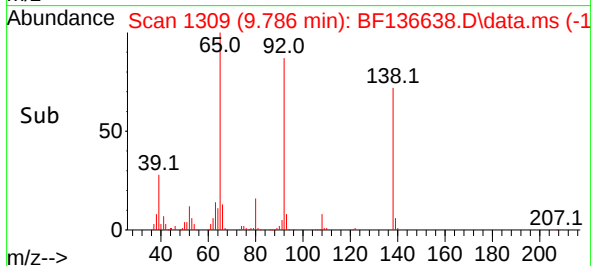
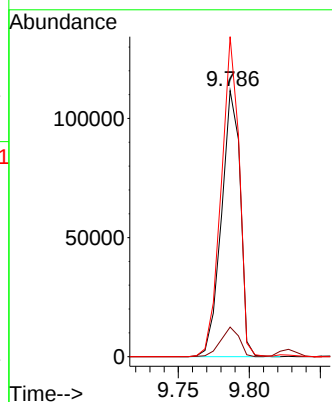
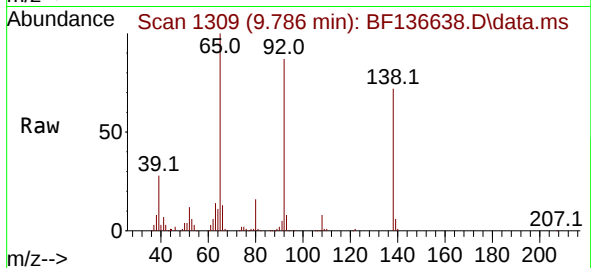
ICVBF121923

Tgt Ion:138 Resp: 102790
Ion Ratio Lower Upper
138 100
108 11.1 8.8 13.2
92 120.3 89.7 134.5

Manual Integrations

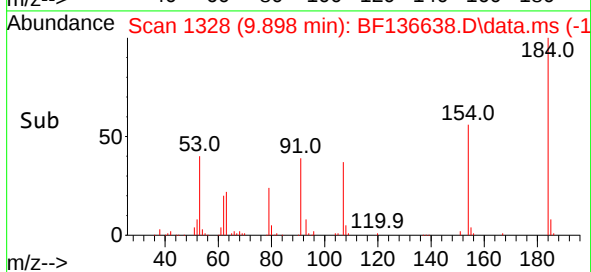
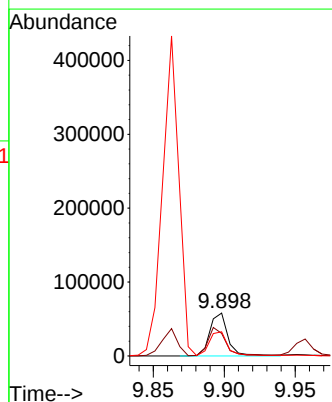
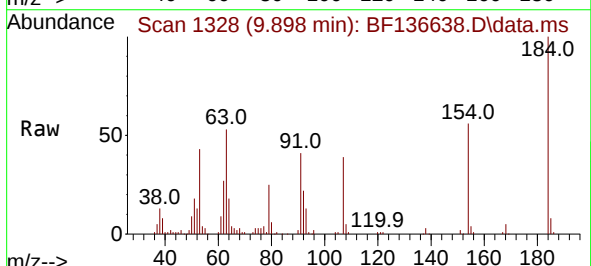
APPROVED

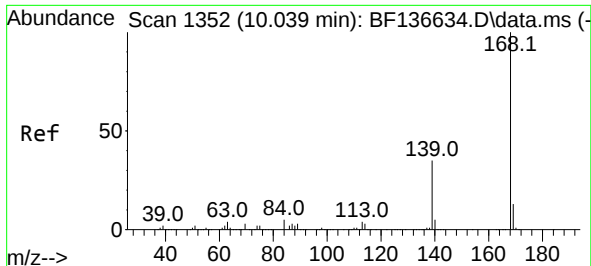
Reviewed By :Yogesh Patel 12/20/2023
Supervised By :mohammad ahmed 12/20/2023



#54
2,4-Dinitrophenol
Concen: 43.014 ng
RT: 9.898 min Scan# 1328
Delta R.T. 0.000 min
Lab File: BF136638.D
Acq: 19 Dec 2023 19:15

Tgt Ion:184 Resp: 51669
Ion Ratio Lower Upper
184 100
63 52.7 48.5 72.7
154 56.3 45.9 68.9





#55
Dibenzenofuran
Concen: 40.466 ng
RT: 10.033 min Scan# 1352
Delta R.T. -0.006 min
Lab File: BF136638.D
Acq: 19 Dec 2023 19:15

Instrument :

BNA_F

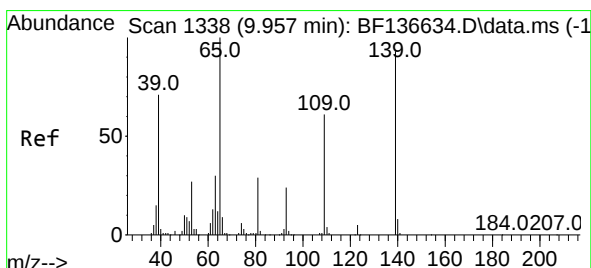
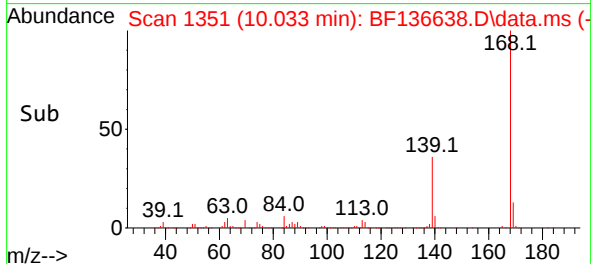
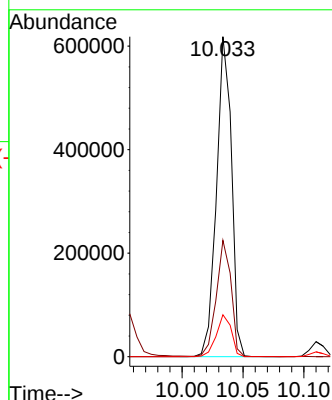
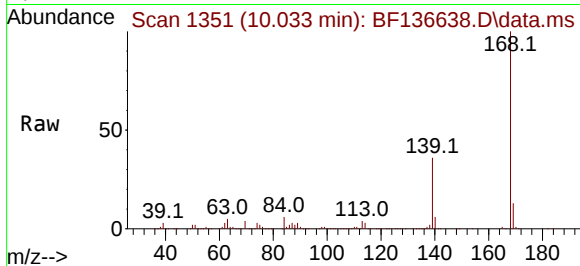
ClientSampleId :

ICVBF121923

Tgt Ion:168 Resp: 527114
Ion Ratio Lower Upper
168 100
139 36.4 27.8 41.8
169 13.1 10.2 15.2

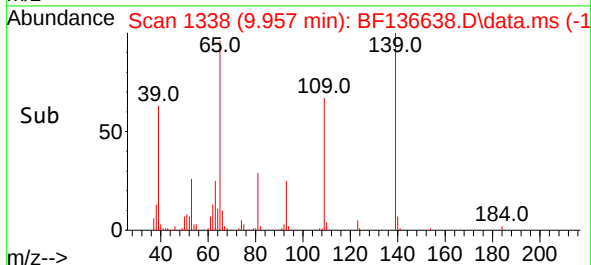
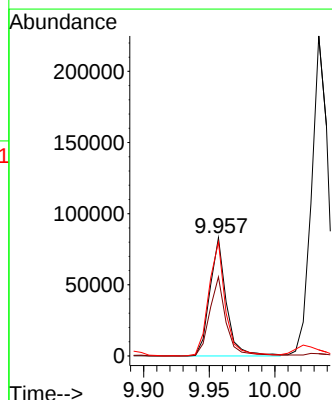
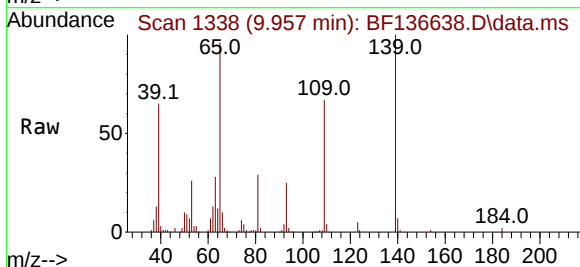
Manual Integrations
APPROVED

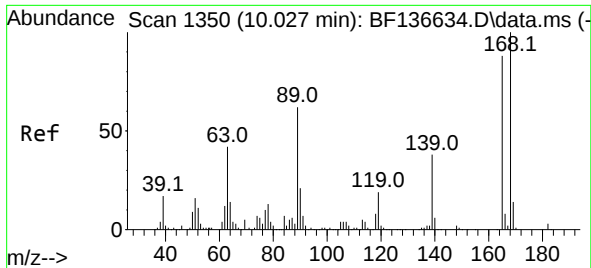
Reviewed By :Yogesh Patel 12/20/2023
Supervised By :mohammad ahmed 12/20/2023



#56
4-Nitrophenol
Concen: 42.245 ng
RT: 9.957 min Scan# 1338
Delta R.T. 0.000 min
Lab File: BF136638.D
Acq: 19 Dec 2023 19:15

Tgt Ion:139 Resp: 72904
Ion Ratio Lower Upper
139 100
109 66.8 46.2 86.2
65 96.4 87.8 127.8





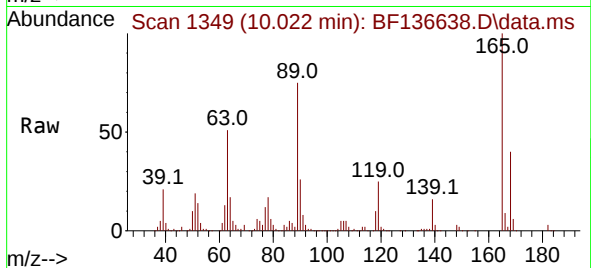
#57
2,4-Dinitrotoluene
Concen: 41.442 ng
RT: 10.022 min Scan# 1350
Delta R.T. -0.006 min
Lab File: BF136638.D
Acq: 19 Dec 2023 19:15

Instrument :

BNA_F

ClientSampleId :

ICVBF121923

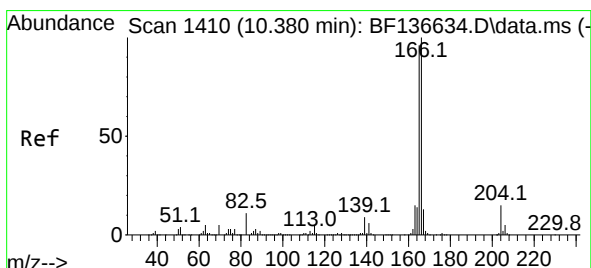
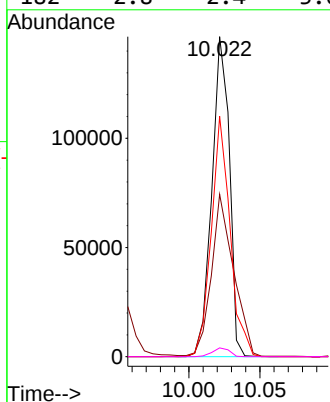
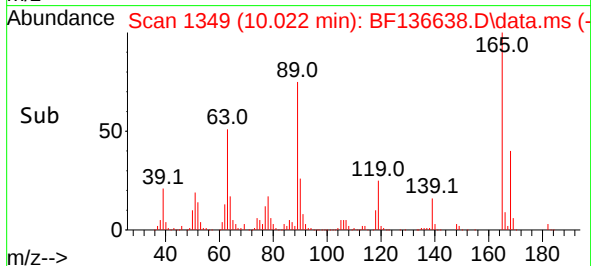


Tgt Ion:165 Resp: 125668
Ion Ratio Lower Upper
165 100
63 50.7 38.4 57.6
89 75.1 56.2 84.4
182 2.8 2.4 3.6

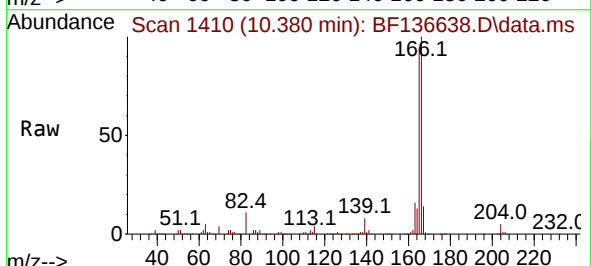
Manual Integrations

APPROVED

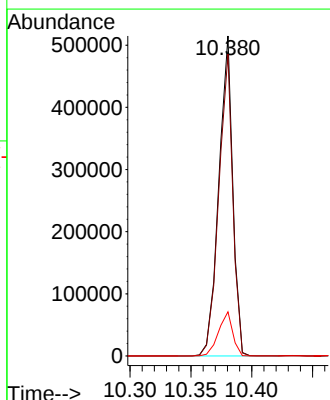
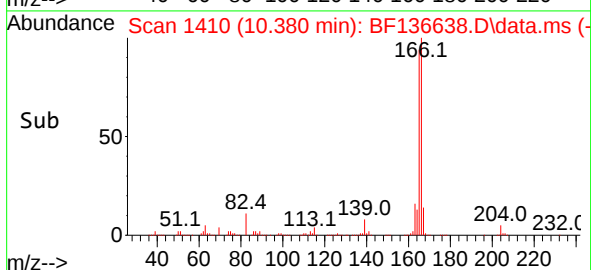
Reviewed By :Yogesh Patel 12/20/2023
Supervised By :mohammad ahmed 12/20/2023

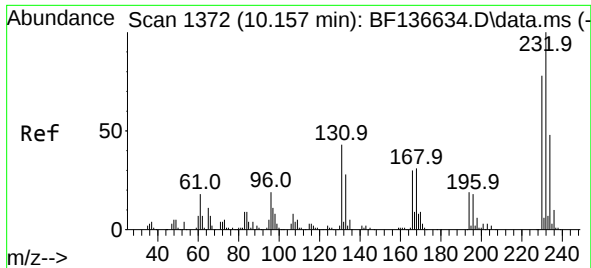


#58
Fluorene
Concen: 39.826 ng
RT: 10.380 min Scan# 1410
Delta R.T. 0.000 min
Lab File: BF136638.D
Acq: 19 Dec 2023 19:15



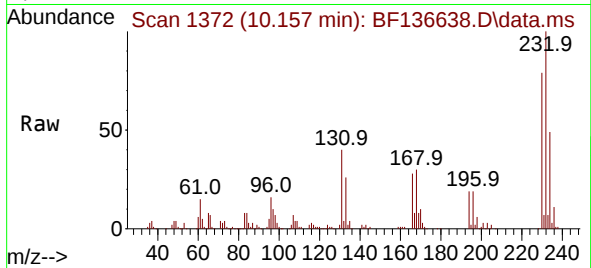
Tgt Ion:166 Resp: 411802
Ion Ratio Lower Upper
166 100
165 94.4 77.0 115.6
167 13.8 10.7 16.1





#59
2,3,4,6-Tetrachlorophenol
Concen: 40.618 ng
RT: 10.157 min Scan# 1372
Delta R.T. 0.000 min
Lab File: BF136638.D
Acq: 19 Dec 2023 19:15

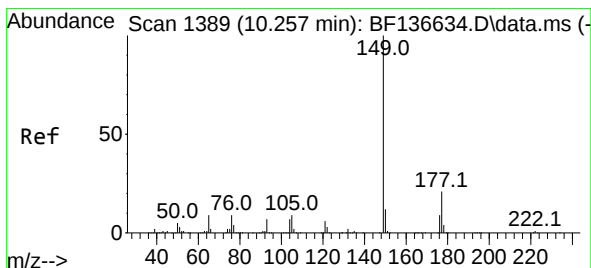
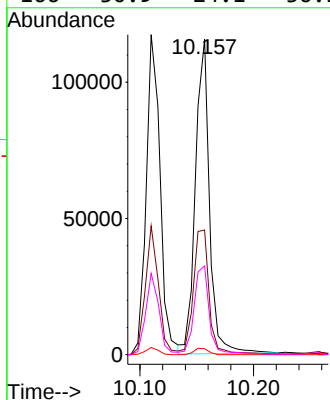
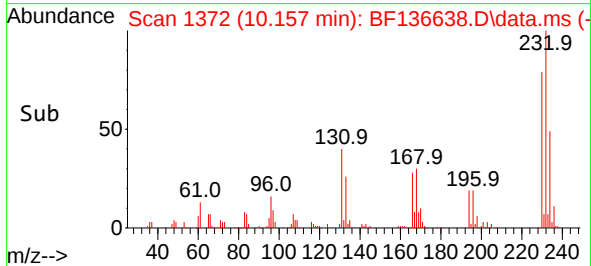
Instrument :
BNA_F
ClientSampleId :
ICVBF121923



Tgt Ion:232 Resp: 9998
Ion Ratio Lower Upper
232 100
131 44.2 33.7 50.5
130 2.1 1.7 2.5
166 30.9 24.1 36.1

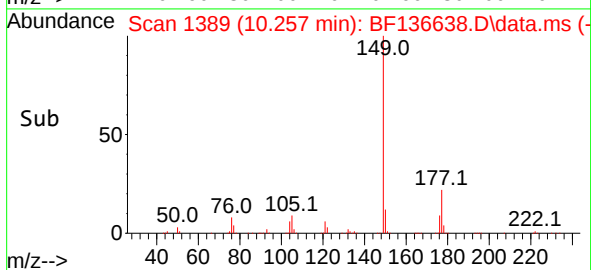
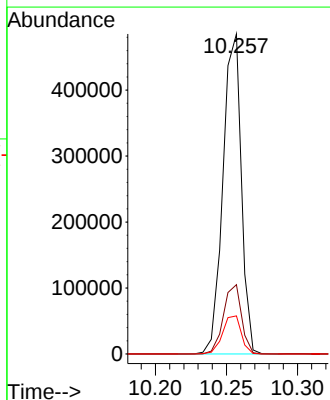
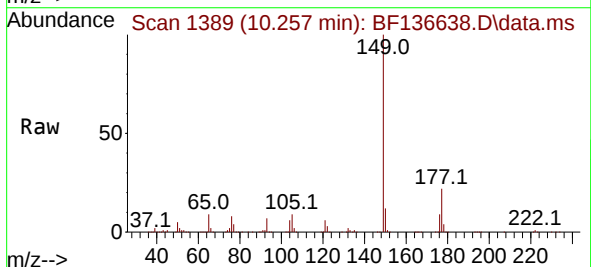
Manual Integrations
APPROVED

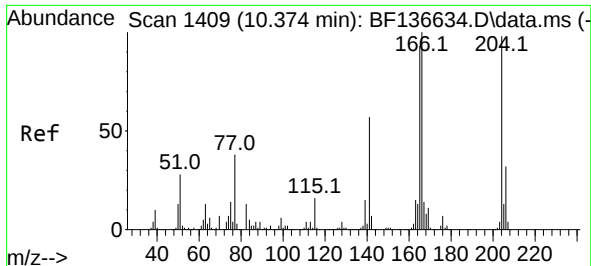
Reviewed By :Yogesh Patel 12/20/2023
Supervised By :mohammad ahmed 12/20/2023



#60
Diethylphthalate
Concen: 40.484 ng
RT: 10.257 min Scan# 1389
Delta R.T. 0.000 min
Lab File: BF136638.D
Acq: 19 Dec 2023 19:15

Tgt Ion:149 Resp: 435080
Ion Ratio Lower Upper
149 100
177 21.7 16.9 25.3
150 11.9 9.9 14.9





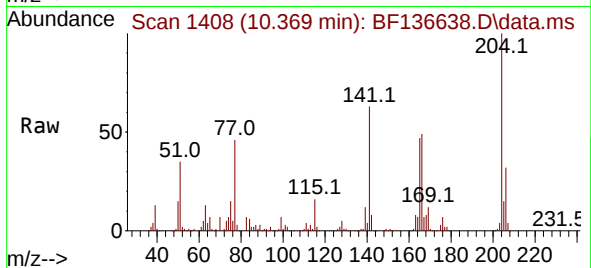
#61
4-Chlorophenyl-phenylether
Concen: 40.457 ng
RT: 10.369 min Scan# 1408
Delta R.T. -0.006 min
Lab File: BF136638.D
Acq: 19 Dec 2023 19:15

Instrument :

BNA_F

ClientSampleId :

ICVBF121923

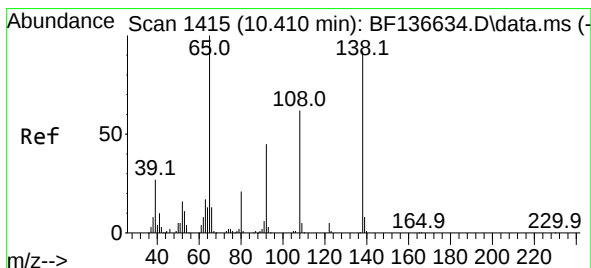
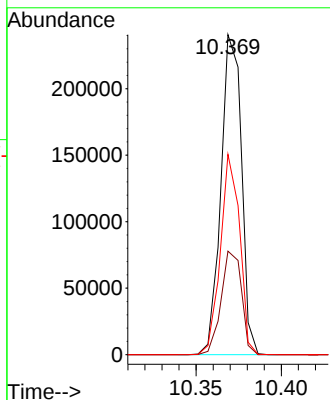
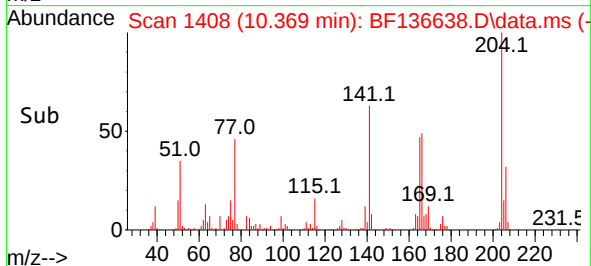


Tgt Ion:204 Resp: 201474
Ion Ratio Lower Upper
204 100
206 32.4 26.3 39.5
141 62.6 46.2 69.4

Manual Integrations

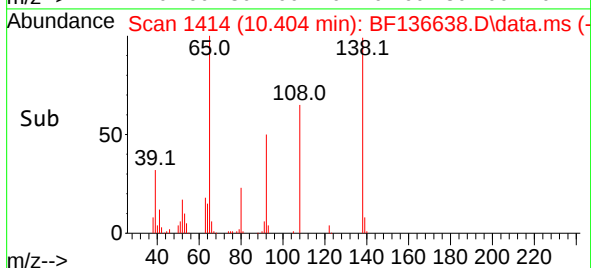
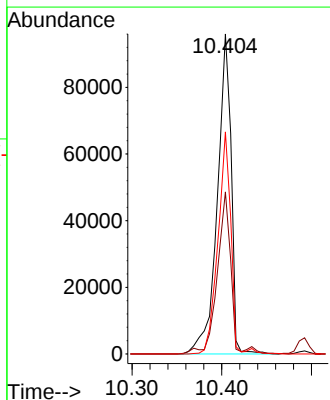
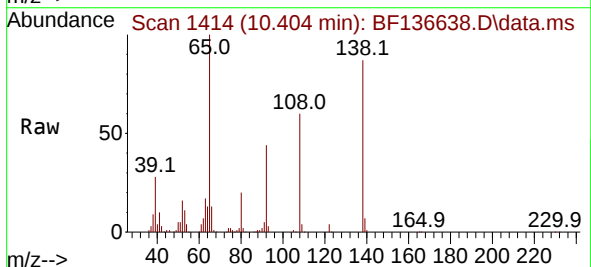
APPROVED

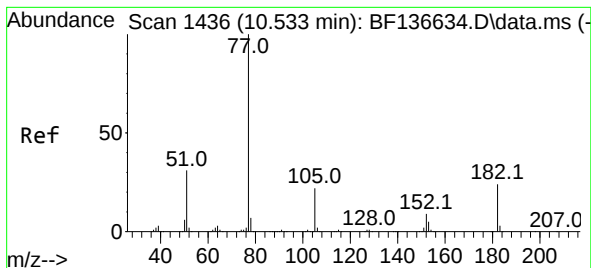
Reviewed By :Yogesh Patel 12/20/2023
Supervised By :mohammad ahmed 12/20/2023



#62
4-Nitroaniline
Concen: 40.987 ng
RT: 10.404 min Scan# 1414
Delta R.T. -0.006 min
Lab File: BF136638.D
Acq: 19 Dec 2023 19:15

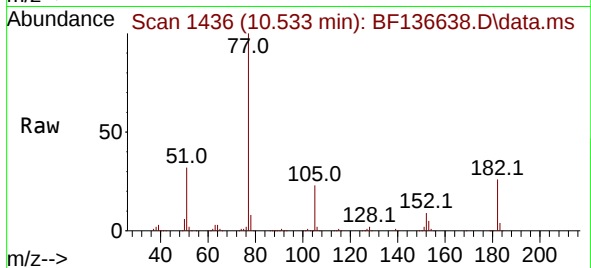
Tgt Ion:138 Resp: 102607
Ion Ratio Lower Upper
138 100
92 50.7 28.8 68.8
108 69.4 47.2 87.2





#63
Azobenzene
Concen: 40.831 ng
RT: 10.533 min Scan# 1436
Delta R.T. 0.000 min
Lab File: BF136638.D
Acq: 19 Dec 2023 19:15

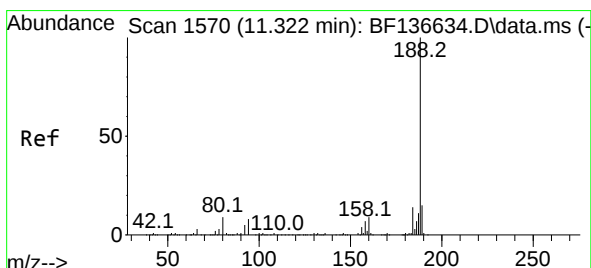
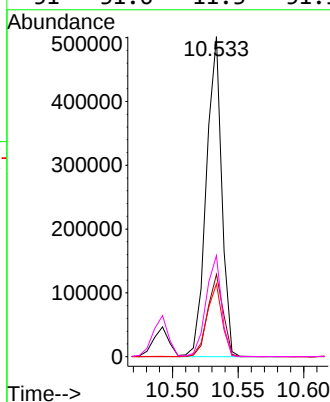
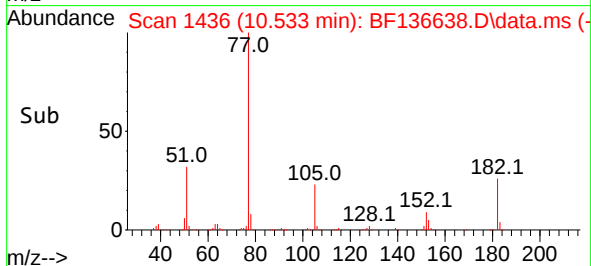
Instrument :
BNA_F
ClientSampleId :
ICVBF121923



Tgt Ion: 77 Resp: 40995
Ion Ratio Lower Upper
77 100
182 25.7 3.7 43.7
105 22.8 1.5 41.5
51 31.6 11.3 51.3

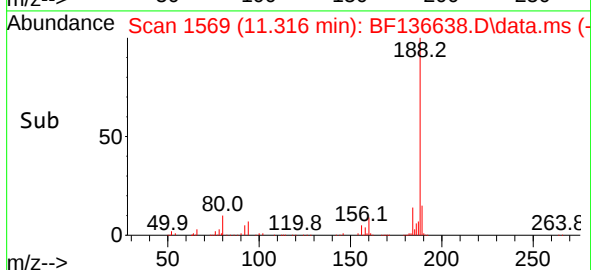
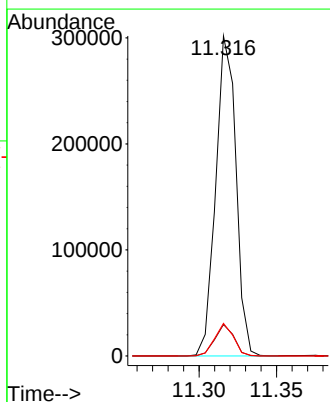
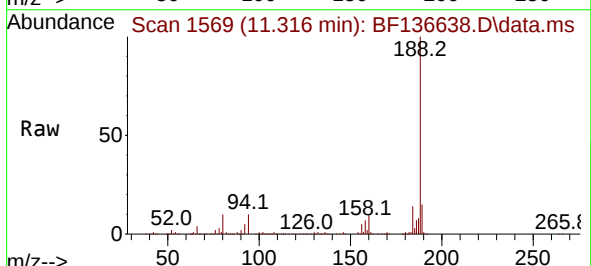
Manual Integrations
APPROVED

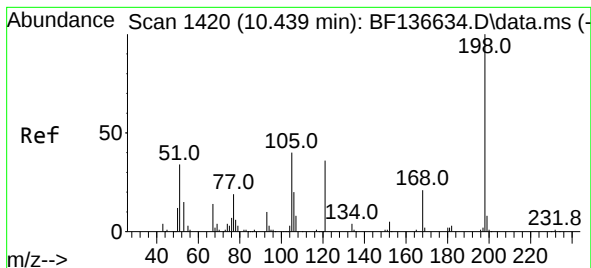
Reviewed By :Yogesh Patel 12/20/2023
Supervised By :mohammad ahmed 12/20/2023



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.316 min Scan# 1569
Delta R.T. -0.006 min
Lab File: BF136638.D
Acq: 19 Dec 2023 19:15

Tgt Ion:188 Resp: 274066
Ion Ratio Lower Upper
188 100
94 9.8 6.6 10.0
80 10.2 7.0 10.4





#65
4,6-Dinitro-2-methylphenol
Concen: 42.369 ng
RT: 10.433 min Scan# 1420
Delta R.T. -0.006 min
Lab File: BF136638.D
Acq: 19 Dec 2023 19:15

Instrument :

BNA_F

ClientSampleId :

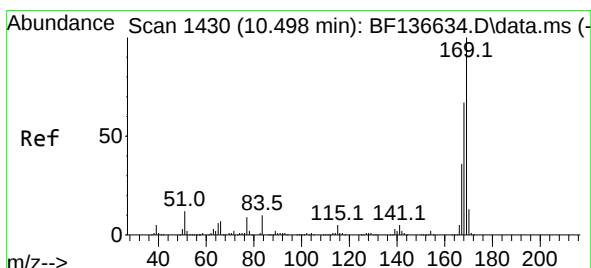
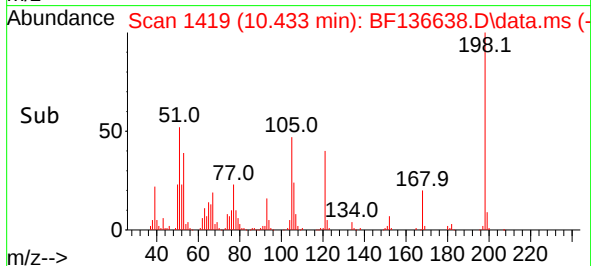
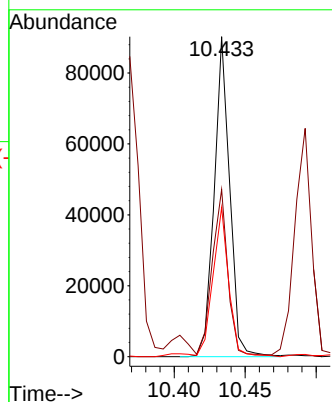
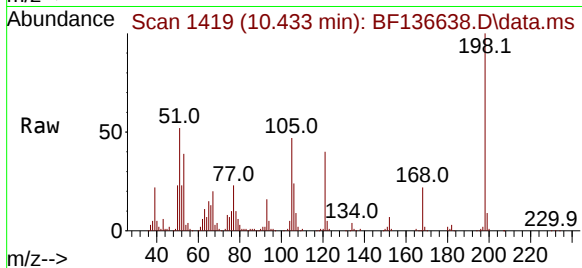
ICVBF121923

Tgt Ion:198 Resp: 6856
Ion Ratio Lower Upper
198 100
51 52.3 20.2 60.2
105 46.6 20.6 60.6

Manual Integrations

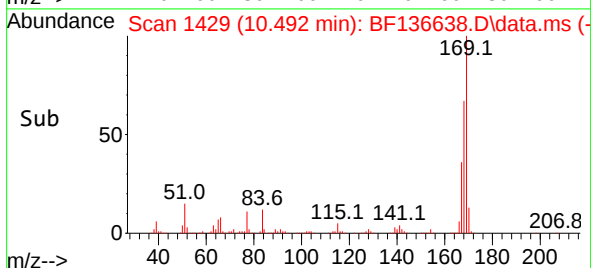
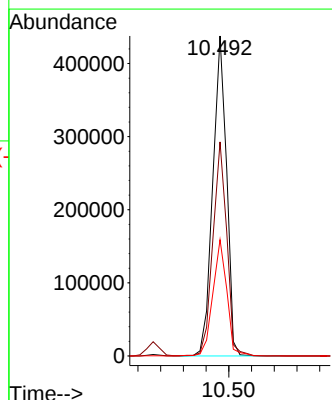
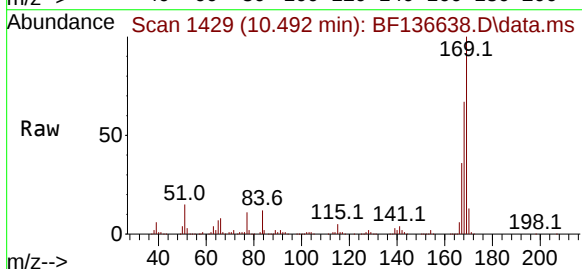
APPROVED

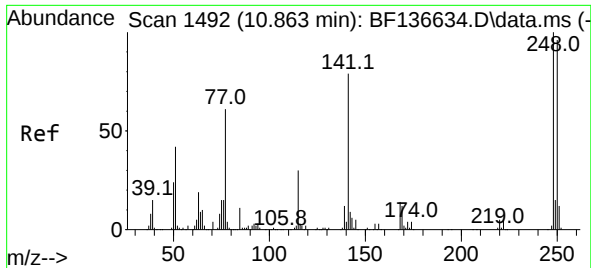
Reviewed By :Yogesh Patel 12/20/2023
Supervised By :mohammad ahmed 12/20/2023



#66
n-Nitrosodiphenylamine
Concen: 40.744 ng
RT: 10.492 min Scan# 1429
Delta R.T. -0.006 min
Lab File: BF136638.D
Acq: 19 Dec 2023 19:15

Tgt Ion:169 Resp: 366967
Ion Ratio Lower Upper
169 100
168 66.9 53.7 80.5
167 36.3 29.2 43.8





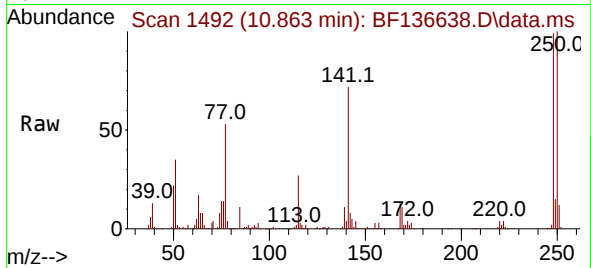
#67
4-Bromophenyl-phenylether
Concen: 40.521 ng
RT: 10.863 min Scan# 1492
Delta R.T. 0.000 min
Lab File: BF136638.D
Acq: 19 Dec 2023 19:15

Instrument :

BNA_F

ClientSampleId :

ICVBF121923



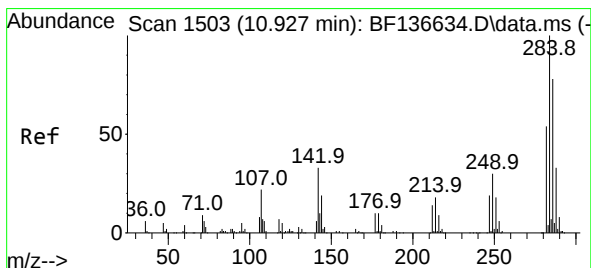
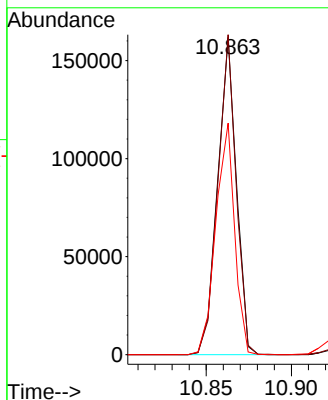
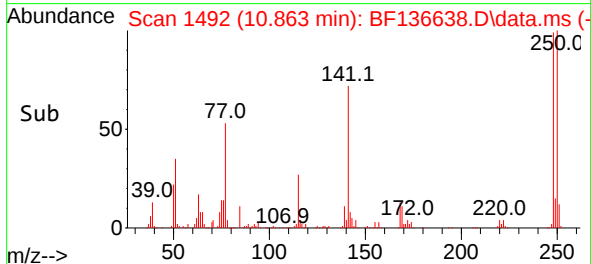
Tgt Ion:248 Resp: 12412
Ion Ratio Lower Upper
248 100
250 100.8 77.0 115.4
141 73.0 63.0 94.4

Manual Integrations

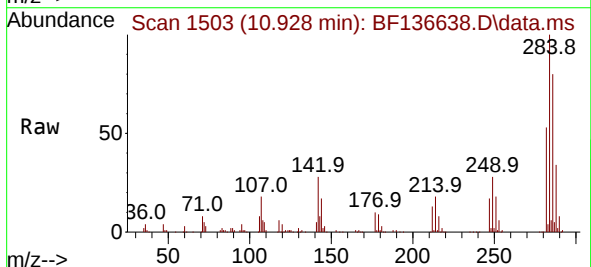
APPROVED

Reviewed By :Yogesh Patel 12/20/2023

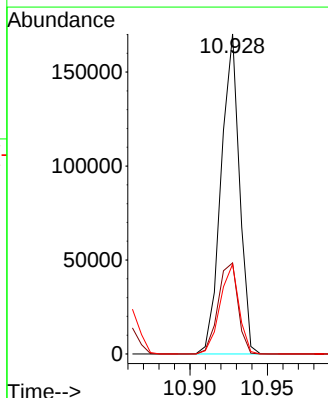
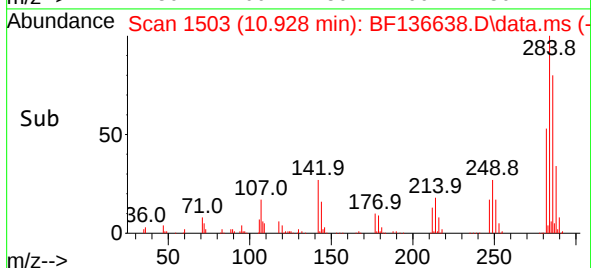
Supervised By :mohammad ahmed 12/20/2023

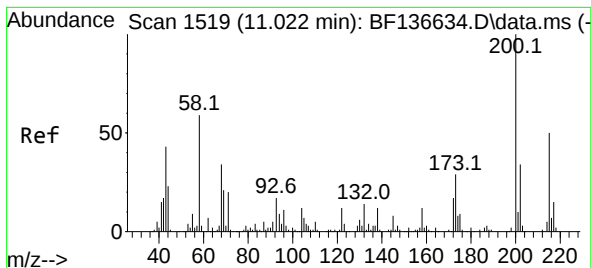


#68
Hexachlorobenzene
Concen: 41.119 ng
RT: 10.928 min Scan# 1503
Delta R.T. 0.000 min
Lab File: BF136638.D
Acq: 19 Dec 2023 19:15



Tgt Ion:284 Resp: 140538
Ion Ratio Lower Upper
284 100
142 28.4 26.6 40.0
249 28.0 23.9 35.9





#69

Atrazine

Concen: 33.579 ng

RT: 11.022 min Scan# 1519

Delta R.T. -0.000 min

Lab File: BF136638.D

Acq: 19 Dec 2023 19:15

Instrument :

BNA_F

ClientSampleId :

ICVBF121923

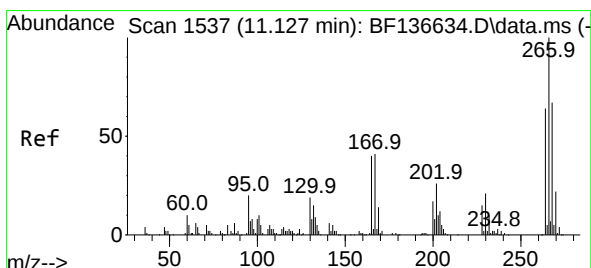
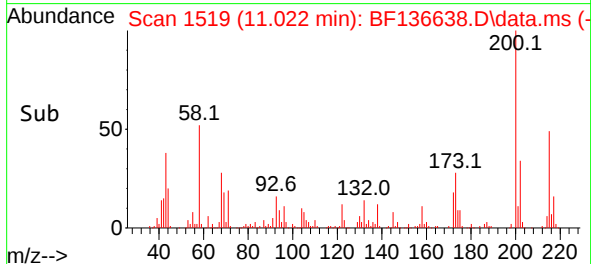
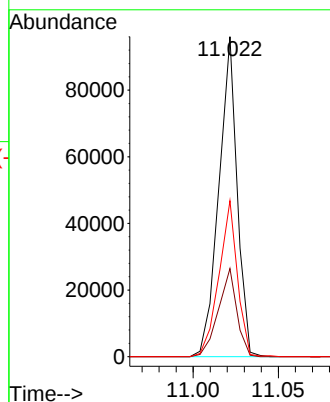
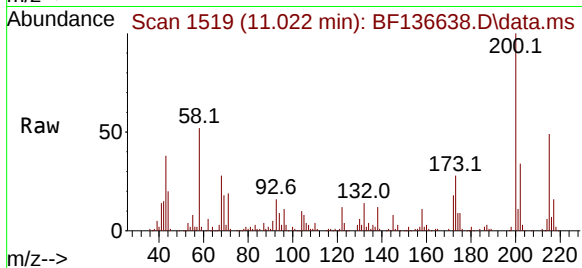
Tgt Ion:200 Resp: 71863
 Ion Ratio Lower Upper
 200 100
 173 27.5 8.8 48.8
 215 48.7 29.7 69.7

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 12/20/2023

Supervised By :mohammad ahmed 12/20/2023



#70

Pentachlorophenol

Concen: 41.852 ng

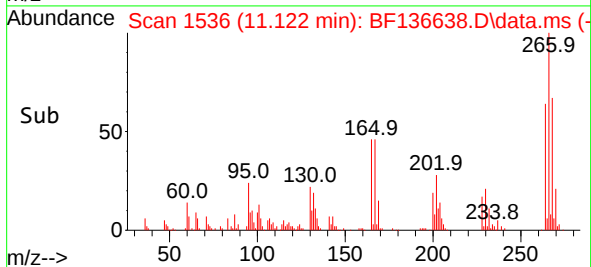
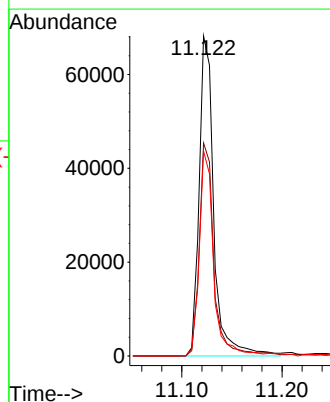
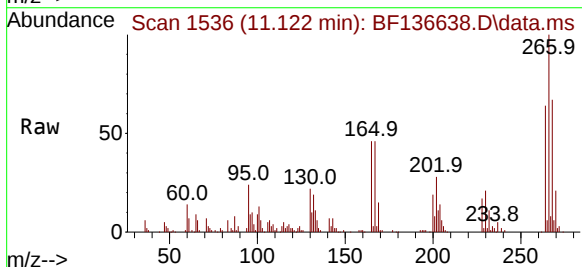
RT: 11.122 min Scan# 1536

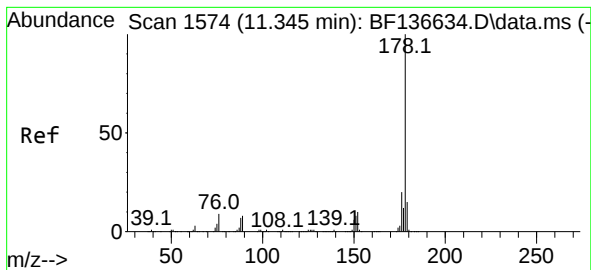
Delta R.T. -0.006 min

Lab File: BF136638.D

Acq: 19 Dec 2023 19:15

Tgt Ion:266 Resp: 69526
 Ion Ratio Lower Upper
 266 100
 268 66.5 53.6 80.4
 264 64.1 51.3 76.9





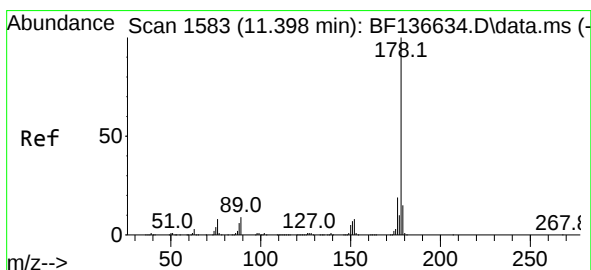
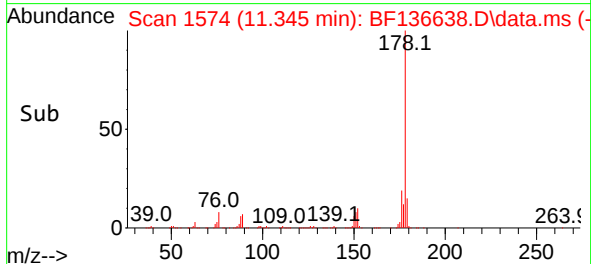
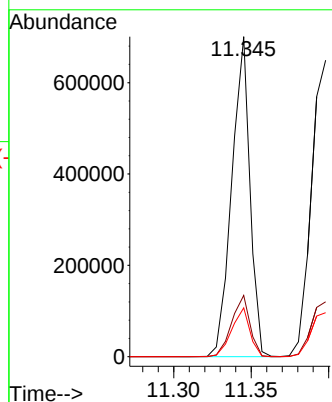
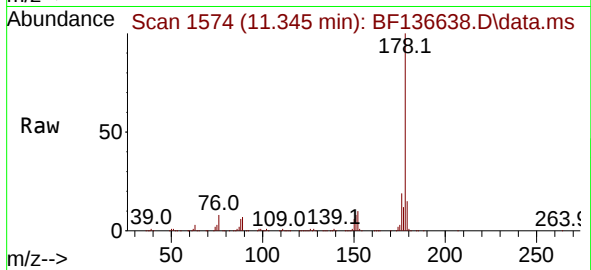
#71
Phenanthrene
Concen: 40.317 ng
RT: 11.345 min Scan# 1574
Delta R.T. 0.000 min
Lab File: BF136638.D
Acq: 19 Dec 2023 19:15

Instrument :
BNA_F
ClientSampleId :
ICVBF121923

Tgt Ion:178 Resp: 570731
Ion Ratio Lower Upper
178 100
176 19.2 15.8 23.6
179 15.3 11.9 17.9

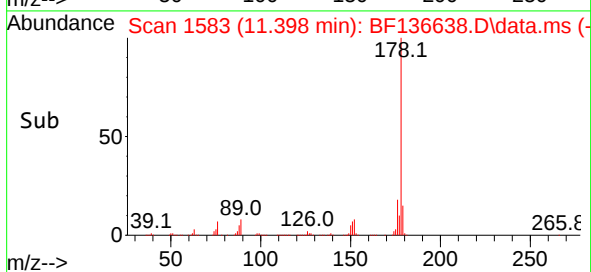
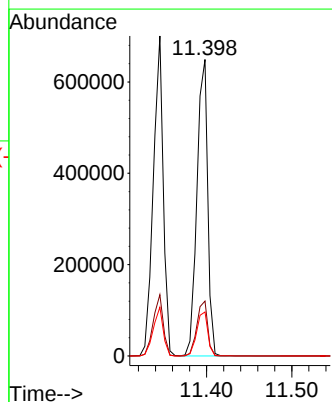
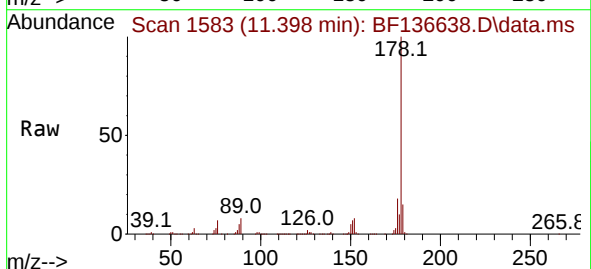
Manual Integrations
APPROVED

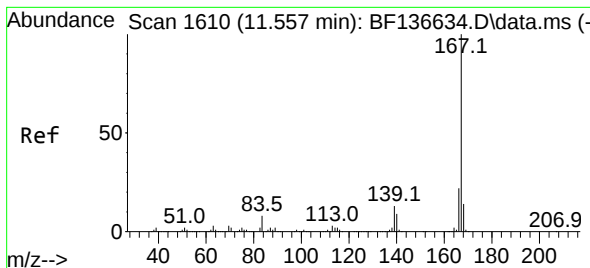
Reviewed By :Yogesh Patel 12/20/2023
Supervised By :mohammad ahmed 12/20/2023



#72
Anthracene
Concen: 39.932 ng
RT: 11.398 min Scan# 1583
Delta R.T. 0.000 min
Lab File: BF136638.D
Acq: 19 Dec 2023 19:15

Tgt Ion:178 Resp: 571500
Ion Ratio Lower Upper
178 100
176 18.5 14.9 22.3
179 14.8 12.0 18.0





#73

Carbazole

Concen: 40.513 ng

RT: 11.557 min Scan# 1610

Delta R.T. 0.000 min

Lab File: BF136638.D

Acq: 19 Dec 2023 19:15

Instrument :

BNA_F

ClientSampleId :

ICVBF121923

Tgt Ion:167 Resp: 543172

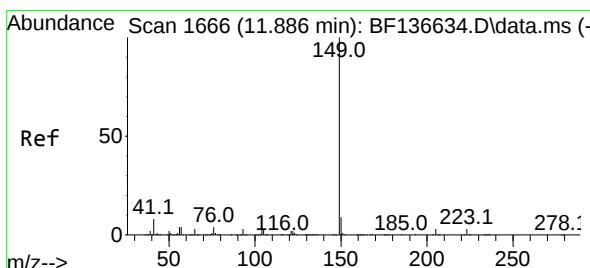
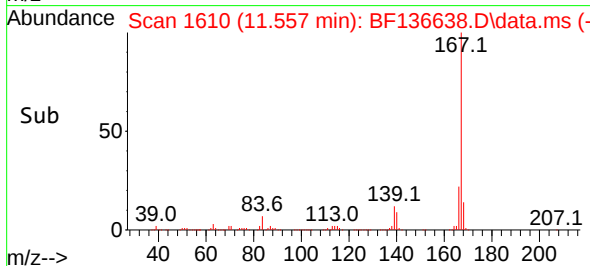
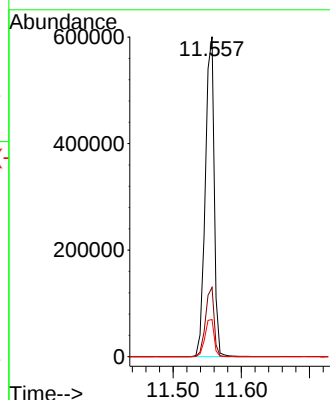
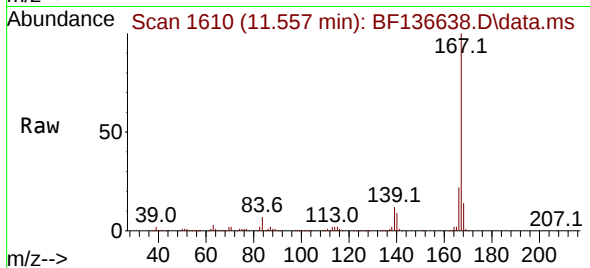
Ion	Ratio	Lower	Upper
167	100		
166	21.6	17.4	26.0
139	11.6	10.0	15.0

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 12/20/2023

Supervised By :mohammad ahmed 12/20/2023



#74

Di-n-butylphthalate

Concen: 40.986 ng

RT: 11.886 min Scan# 1666

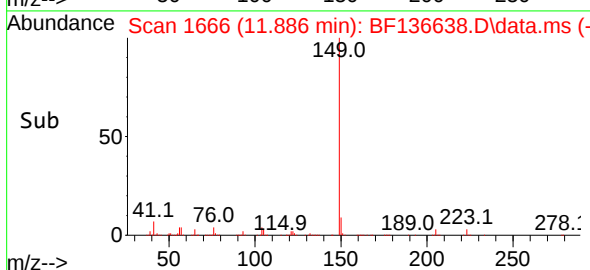
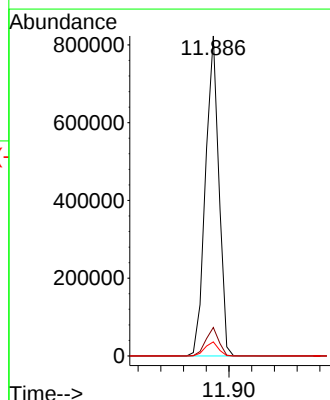
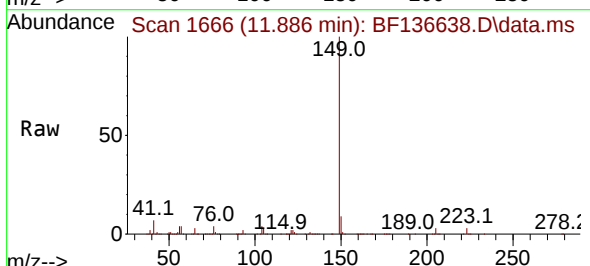
Delta R.T. 0.000 min

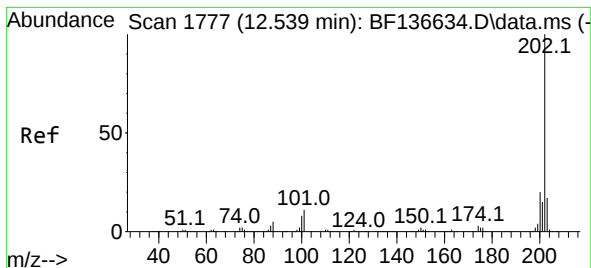
Lab File: BF136638.D

Acq: 19 Dec 2023 19:15

Tgt Ion:149 Resp: 671405

Ion	Ratio	Lower	Upper
149	100		
150	8.9	7.2	10.8
104	4.4	3.6	5.4





#75

Fluoranthene

Concen: 40.143 ng

RT: 12.533 min Scan# 1

Delta R.T. -0.006 min

Lab File: BF136638.D

Acq: 19 Dec 2023 19:15

Instrument :

BNA_F

ClientSampleId :

ICVBF121923

Tgt Ion:202 Resp: 60558

Ion Ratio Lower Upper

202 100

101 11.6 0.0 31.2

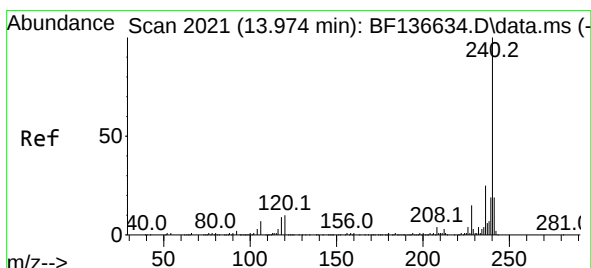
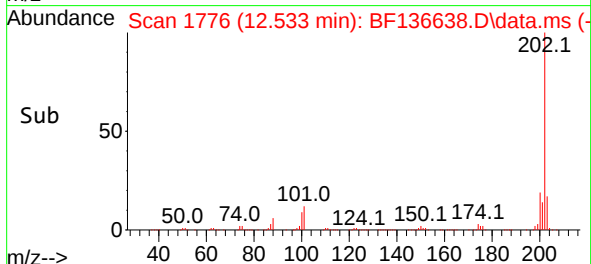
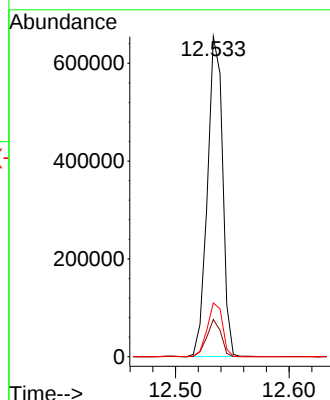
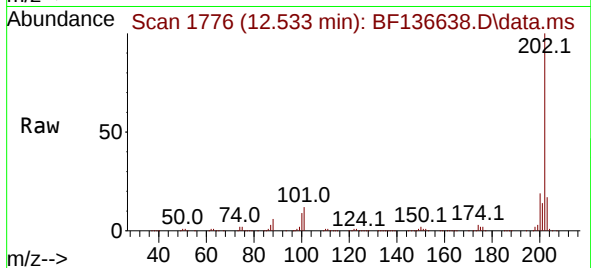
203 16.8 0.0 37.4

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 12/20/2023

Supervised By :mohammad ahmed 12/20/2023



#76

Chrysene-d12

Concen: 20.000 ng

RT: 13.968 min Scan# 2020

Delta R.T. -0.006 min

Lab File: BF136638.D

Acq: 19 Dec 2023 19:15

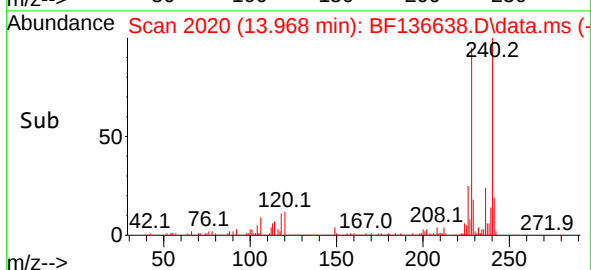
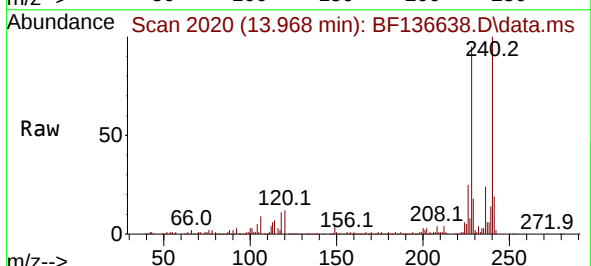
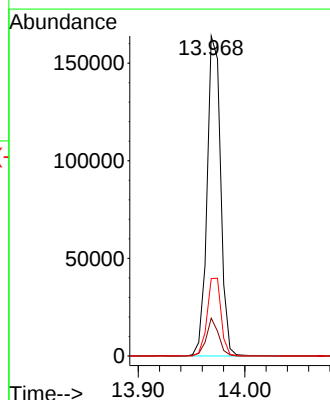
Tgt Ion:240 Resp: 145609

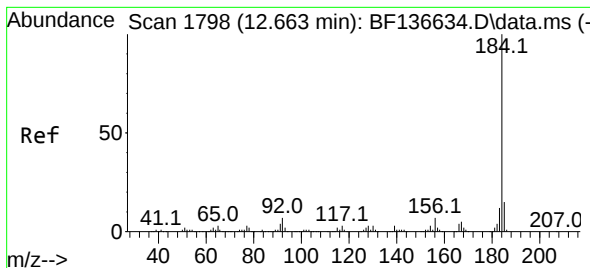
Ion Ratio Lower Upper

240 100

120 11.8 7.6 11.4#

236 24.2 20.2 30.2





#77

Benzidine

Concen: 34.984 ng

RT: 12.663 min Scan# 1798

Delta R.T. 0.000 min

Lab File: BF136638.D

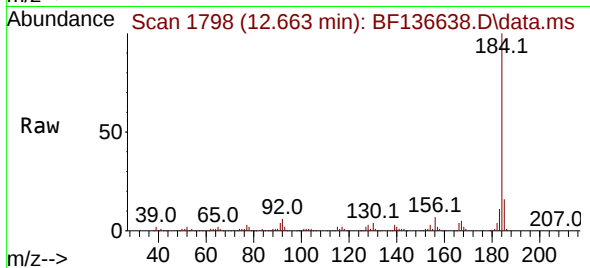
Acq: 19 Dec 2023 19:15

Instrument :

BNA_F

ClientSampleId :

ICVBF121923



Tgt Ion:184 Resp: 140840

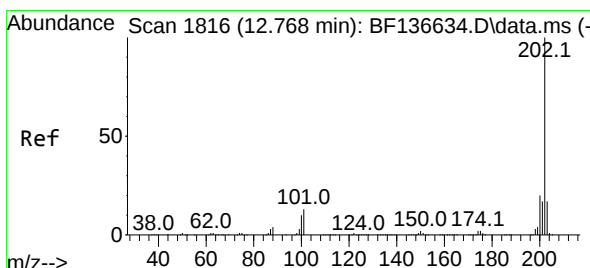
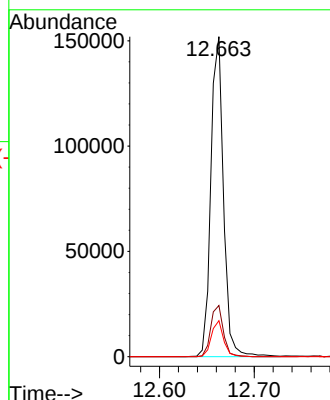
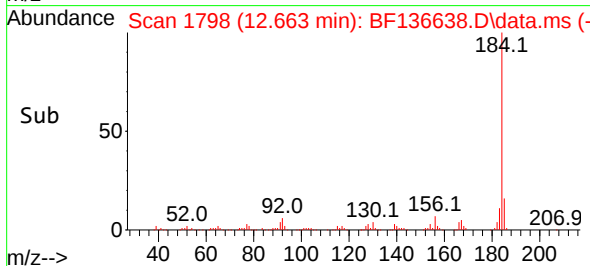
Ion	Ratio	Lower	Upper
184	100		
185	16.0	11.7	17.5
183	11.3	9.5	14.3

Manual Integrations

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Reviewed By :Yogesh Patel 12/20/2023

Supervised By :mohammad ahmed 12/20/2023



#78

Pyrene

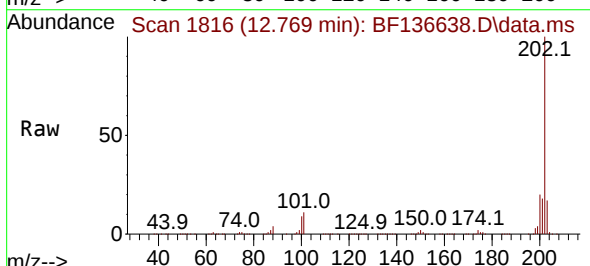
Concen: 41.615 ng

RT: 12.769 min Scan# 1816

Delta R.T. 0.000 min

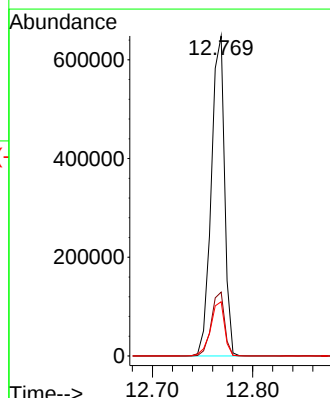
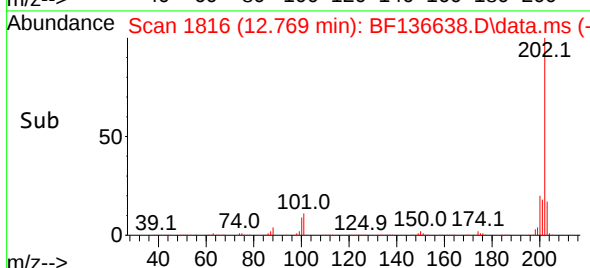
Lab File: BF136638.D

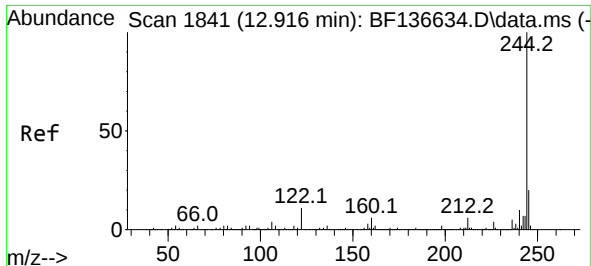
Acq: 19 Dec 2023 19:15



Tgt Ion:202 Resp: 597760

Ion	Ratio	Lower	Upper
202	100		
200	20.0	15.9	23.9
203	16.9	13.4	20.2





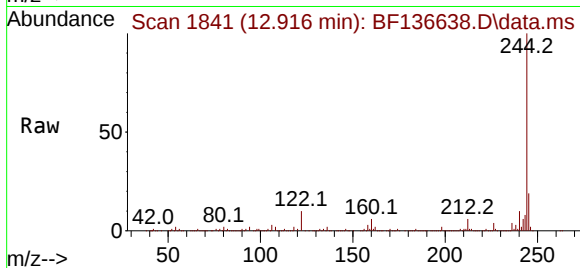
#79
 Terphenyl-d14
 Concen: 83.445 ng
 RT: 12.916 min Scan# 1841
 Delta R.T. 0.000 min
 Lab File: BF136638.D
 Acq: 19 Dec 2023 19:15

Instrument :

BNA_F

ClientSampleId :

ICVBF121923

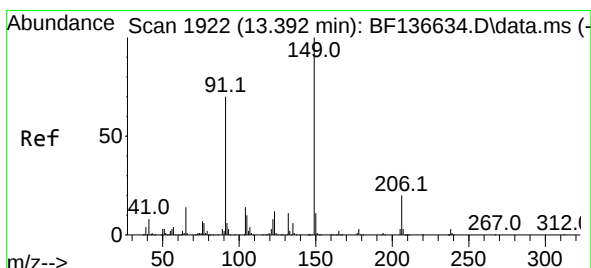
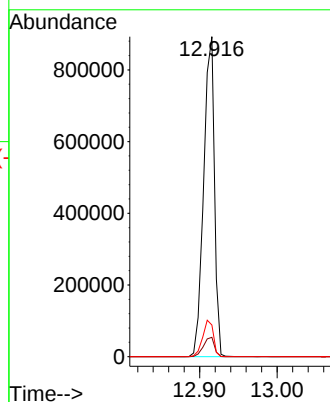
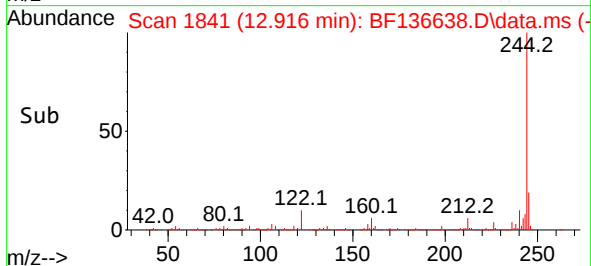


Tgt Ion:244 Resp: 862850
 Ion Ratio Lower Upper
 244 100
 212 6.0 5.1 7.7
 122 9.9 9.2 13.8

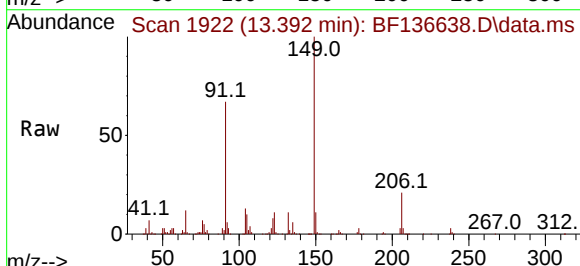
Manual Integrations

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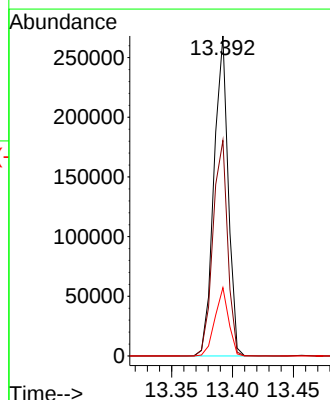
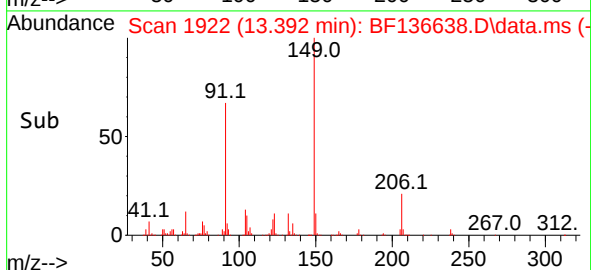
Reviewed By :Yogesh Patel 12/20/2023
 Supervised By :mohammad ahmed 12/20/2023

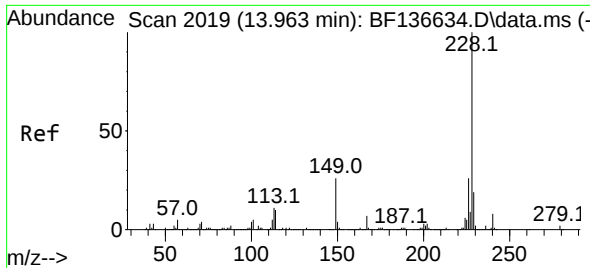


#80
 Butylbenzylphthalate
 Concen: 42.960 ng
 RT: 13.392 min Scan# 1922
 Delta R.T. 0.000 min
 Lab File: BF136638.D
 Acq: 19 Dec 2023 19:15



Tgt Ion:149 Resp: 219072
 Ion Ratio Lower Upper
 149 100
 91 67.4 56.0 84.0
 206 21.3 16.2 24.4





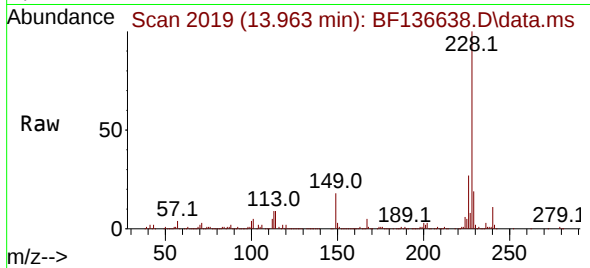
#81
Benzo(a)anthracene
Concen: 40.842 ng
RT: 13.963 min Scan# 2019
Delta R.T. 0.000 min
Lab File: BF136638.D
Acq: 19 Dec 2023 19:15

Instrument :

BNA_F

ClientSampleId :

ICVBF121923

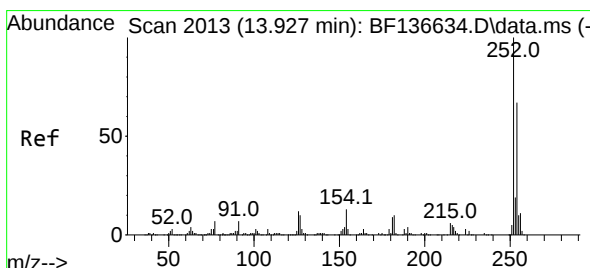
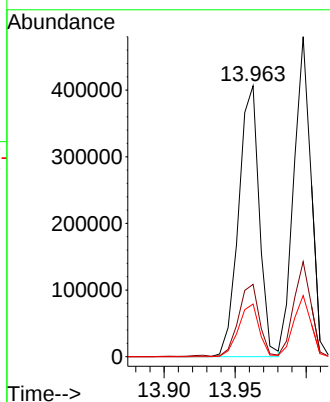
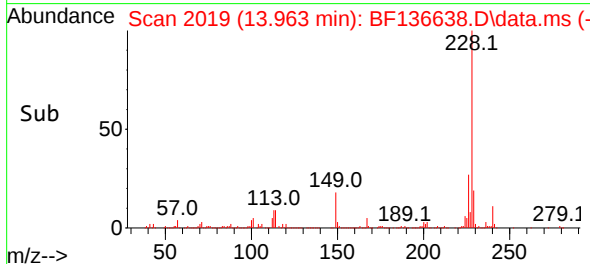


Tgt Ion:228 Resp: 412328
Ion Ratio Lower Upper
228 100
226 26.7 21.2 31.8
229 19.4 15.4 23.0

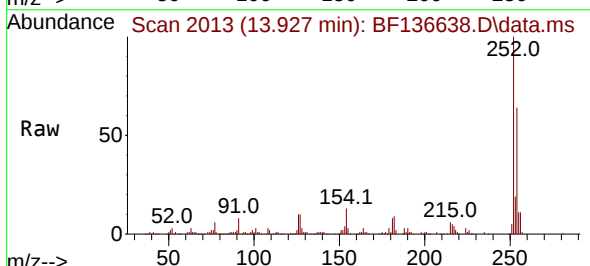
Manual Integrations

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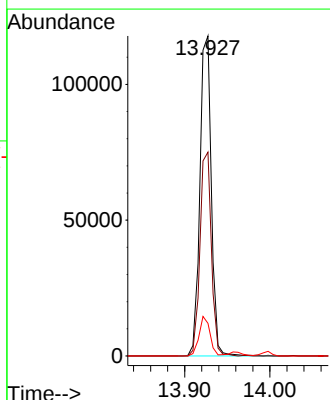
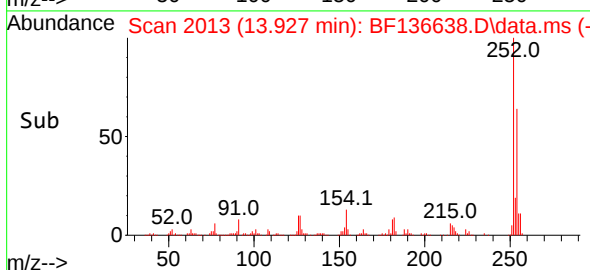
Reviewed By :Yogesh Patel 12/20/2023
Supervised By :mohammad ahmed 12/20/2023

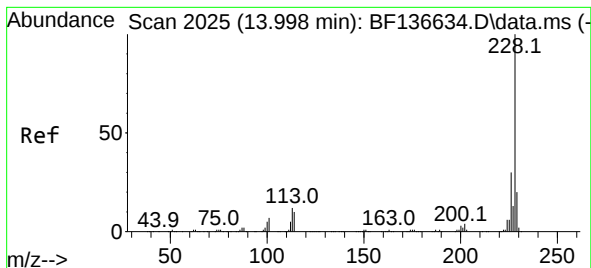


#82
3,3'-Dichlorobenzidine
Concen: 40.139 ng
RT: 13.927 min Scan# 2013
Delta R.T. 0.000 min
Lab File: BF136638.D
Acq: 19 Dec 2023 19:15



Tgt Ion:252 Resp: 109745
Ion Ratio Lower Upper
252 100
254 63.7 53.4 80.0
126 10.2 9.4 14.2





#83

Chrysene

Concen: 41.413 ng

RT: 13.998 min Scan# 2025

Delta R.T. 0.000 min

Lab File: BF136638.D

Acq: 19 Dec 2023 19:15

Instrument :

BNA_F

ClientSampleId :

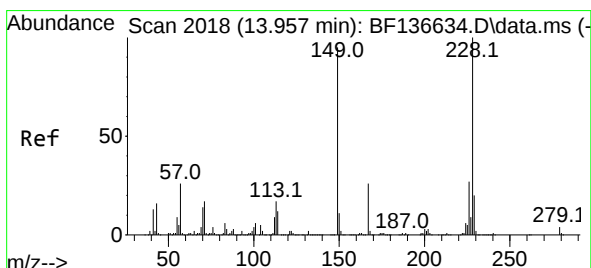
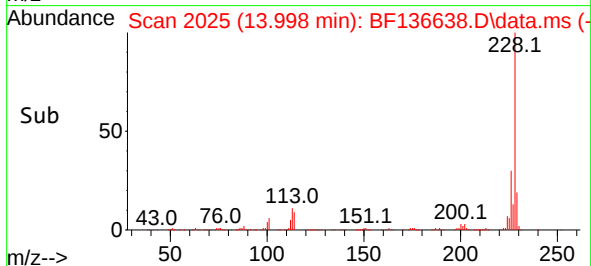
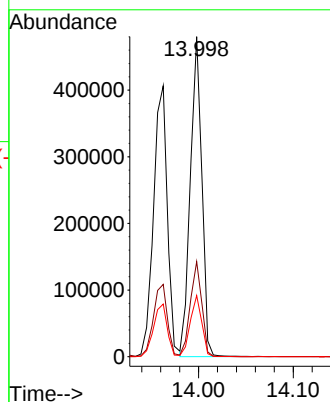
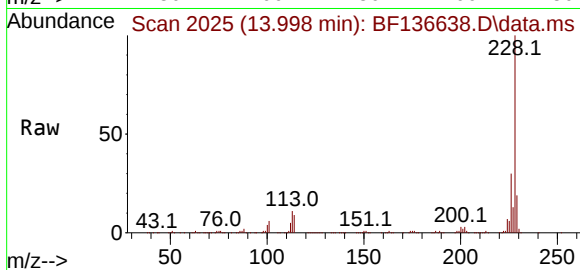
ICVBF121923

Tgt Ion:228	Resp: 403929
Ion Ratio	Lower Upper
228 100	
226 29.7	24.2 36.2
229 19.1	15.8 23.8

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 12/20/2023
Supervised By :mohammad ahmed 12/20/2023



#84

Bis(2-ethylhexyl)phthalate

Concen: 42.625 ng

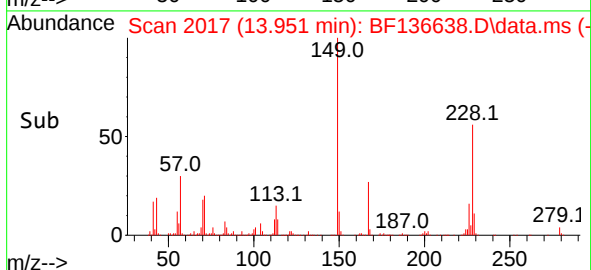
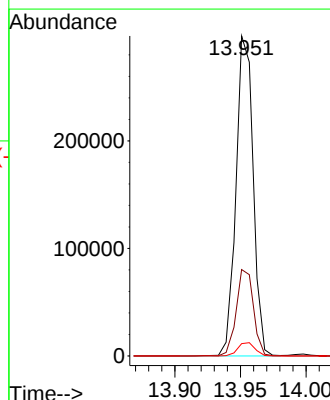
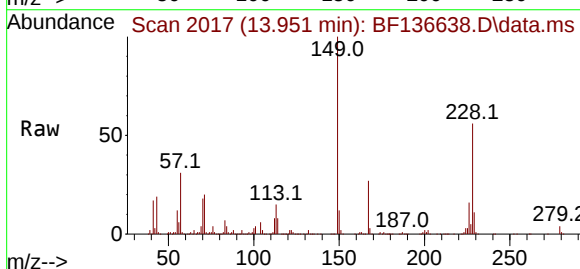
RT: 13.951 min Scan# 2017

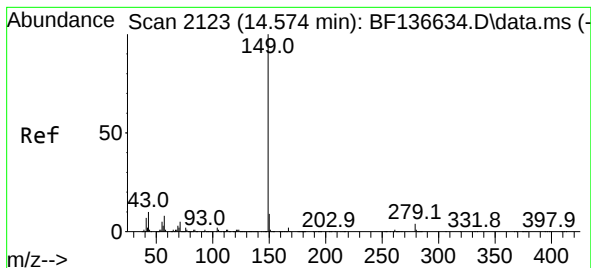
Delta R.T. -0.006 min

Lab File: BF136638.D

Acq: 19 Dec 2023 19:15

Tgt Ion:149	Resp: 271693
Ion Ratio	Lower Upper
149 100	
167 27.0	21.5 32.3
279 3.9	3.4 5.2





#85

Di-n-octyl phthalate

Concen: 43.436 ng

RT: 14.568 min Scan# 2123

Delta R.T. -0.006 min

Lab File: BF136638.D

Acq: 19 Dec 2023 19:15

Instrument :

BNA_F

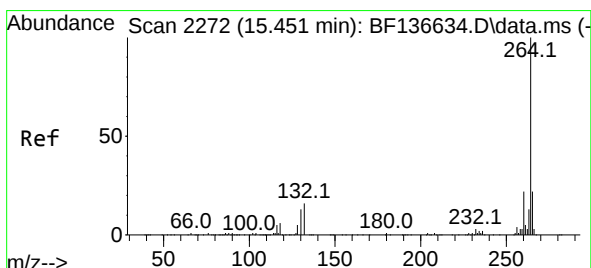
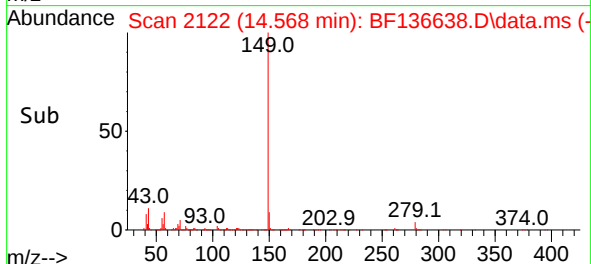
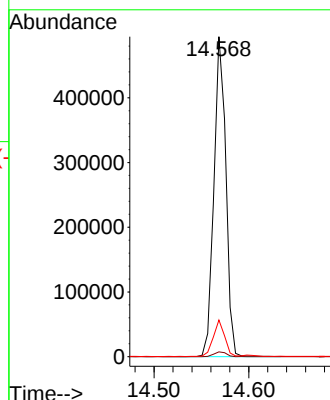
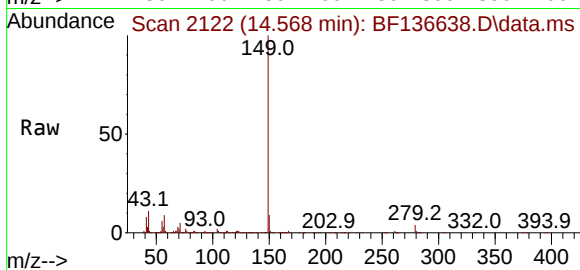
ClientSampleId :

ICVBF121923

Tgt Ion:149 Resp: 431484
 Ion Ratio Lower Upper
 149 100
 167 1.6 1.4 2.0
 43 10.8 8.7 13.1

Manual Integrations
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Reviewed By :Yogesh Patel 12/20/2023
 Supervised By :mohammad ahmed 12/20/2023



#86

Perylene-d12

Concen: 20.000 ng

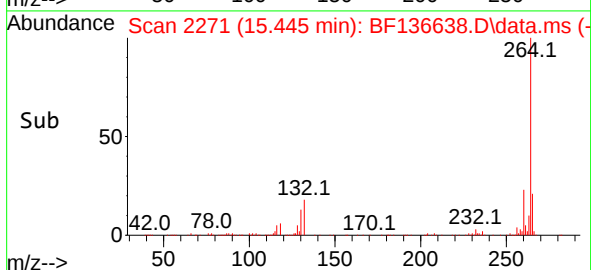
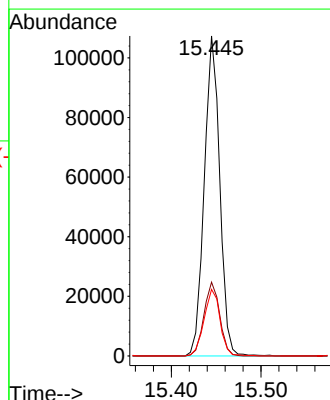
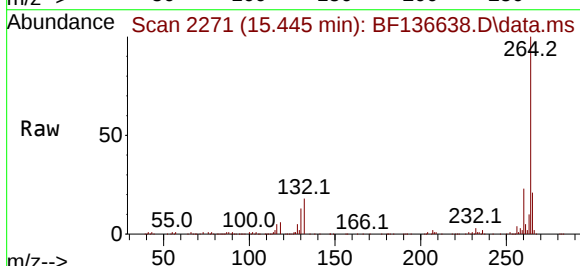
RT: 15.445 min Scan# 2271

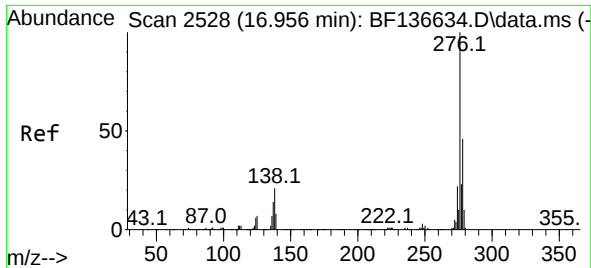
Delta R.T. -0.006 min

Lab File: BF136638.D

Acq: 19 Dec 2023 19:15

Tgt Ion:264 Resp: 128291
 Ion Ratio Lower Upper
 264 100
 260 23.1 17.9 26.9
 265 20.8 17.4 26.2





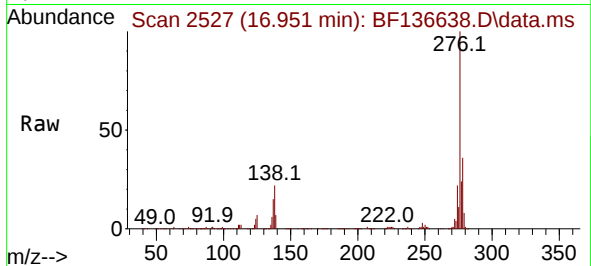
#87
Indeno(1,2,3-cd)pyrene
Concen: 43.558 ng
RT: 16.951 min Scan# 2198
Delta R.T. -0.006 min
Lab File: BF136638.D
Acq: 19 Dec 2023 19:15

Instrument :

BNA_F

ClientSampleId :

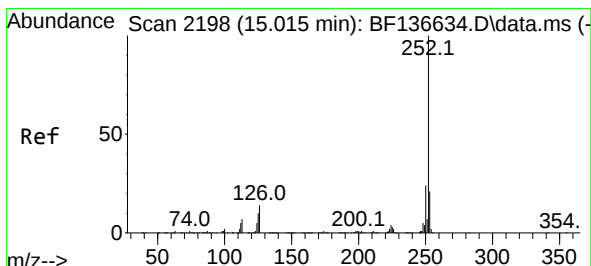
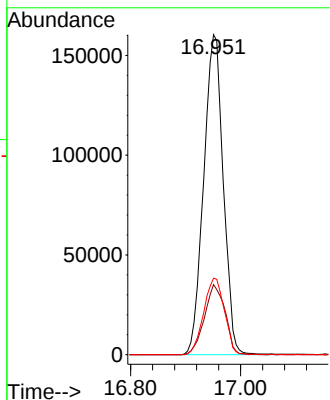
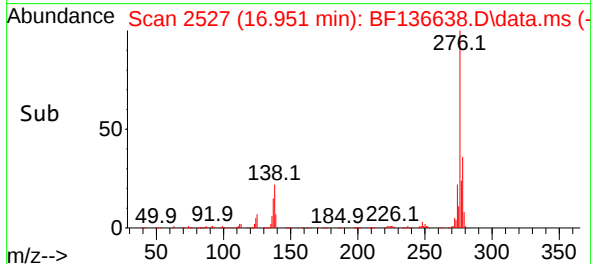
ICVBF121923



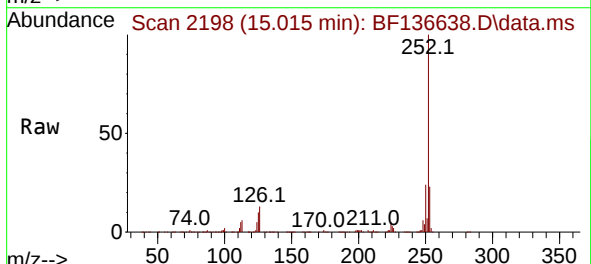
Tgt Ion:276 Resp: 39733
Ion Ratio Lower Upper
276 100
138 23.1 18.5 27.7
277 25.1 19.9 29.9

Manual Integrations
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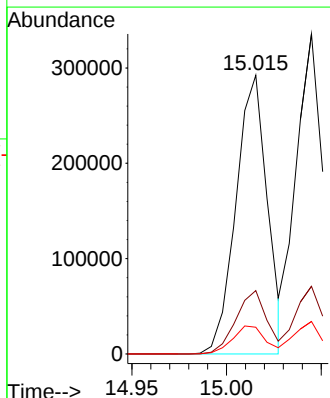
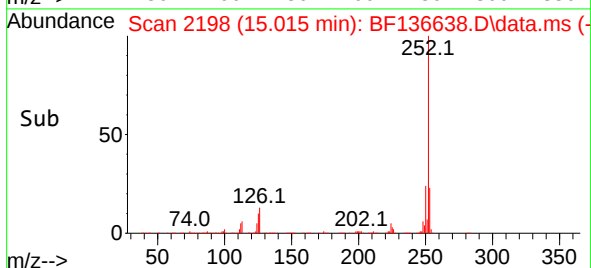
Reviewed By :Yogesh Patel 12/20/2023
Supervised By :mohammad ahmed 12/20/2023

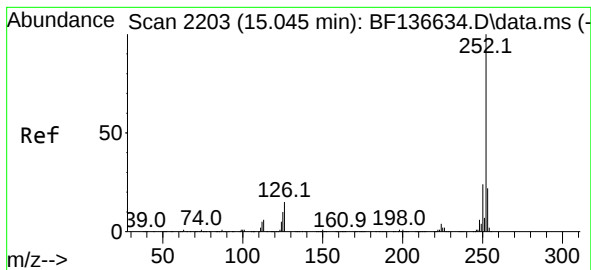


#88
Benzo(b)fluoranthene
Concen: 39.109 ng
RT: 15.015 min Scan# 2198
Delta R.T. 0.000 min
Lab File: BF136638.D
Acq: 19 Dec 2023 19:15



Tgt Ion:252 Resp: 336909
Ion Ratio Lower Upper
252 100
253 22.7 17.1 25.7
125 9.6 8.1 12.1





#89

Benzo(k)fluoranthene

Concen: 40.706 ng

RT: 15.045 min Scan# 2203

Delta R.T. 0.000 min

Lab File: BF136638.D

Acq: 19 Dec 2023 19:15

Instrument :

BNA_F

ClientSampleId :

ICVBF121923

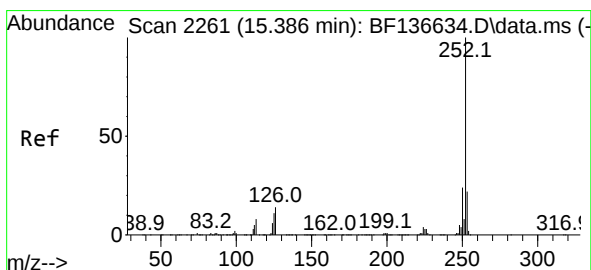
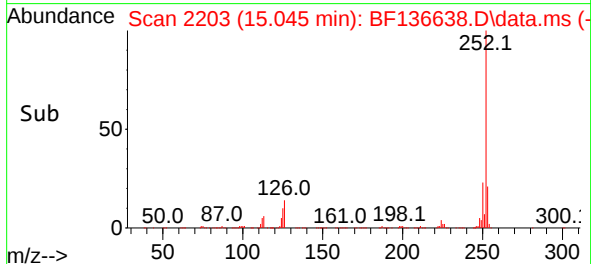
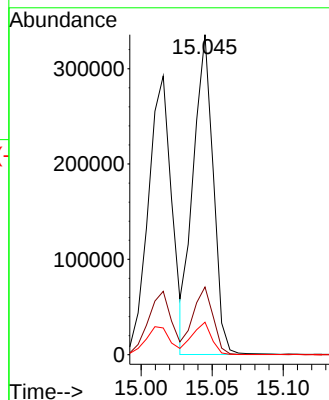
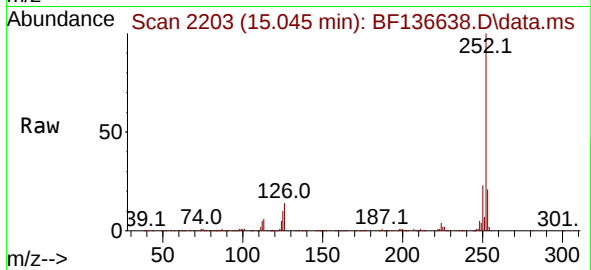
Tgt Ion:252 Resp: 32796
 Ion Ratio Lower Upper
 252 100
 253 21.2 17.5 26.3
 125 10.1 8.6 13.0

Manual Integrations

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Reviewed By :Yogesh Patel 12/20/2023

Supervised By :mohammad ahmed 12/20/2023



#90

Benzo(a)pyrene

Concen: 40.459 ng

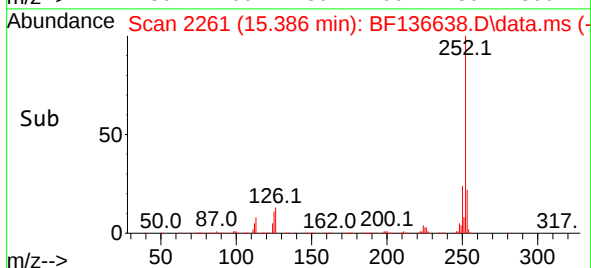
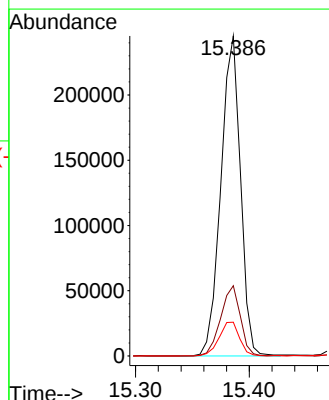
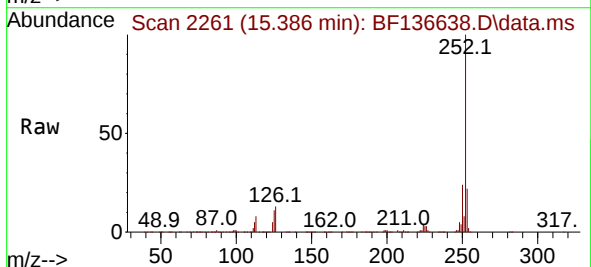
RT: 15.386 min Scan# 2261

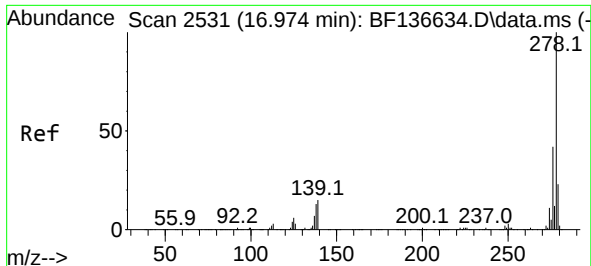
Delta R.T. 0.000 min

Lab File: BF136638.D

Acq: 19 Dec 2023 19:15

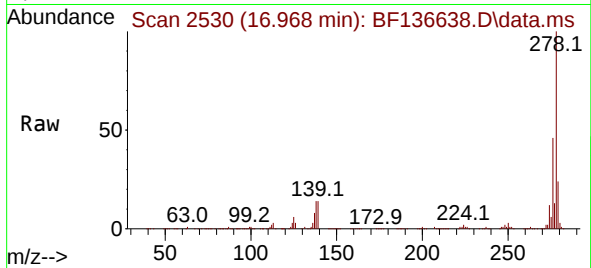
Tgt Ion:252 Resp: 294549
 Ion Ratio Lower Upper
 252 100
 253 22.0 17.6 26.4
 125 10.6 8.7 13.1





#91
Dibenzo(a,h)anthracene
Concen: 43.954 ng
RT: 16.968 min Scan# 2531
Delta R.T. -0.006 min
Lab File: BF136638.D
Acq: 19 Dec 2023 19:15

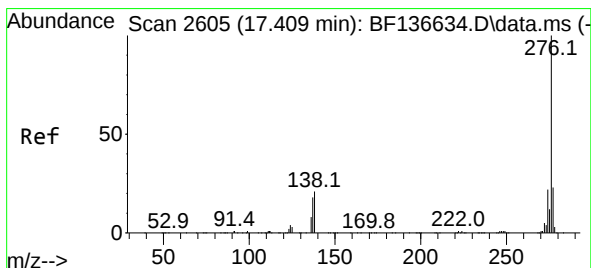
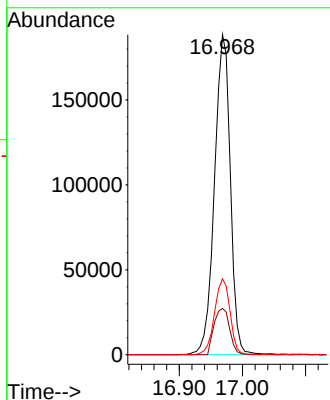
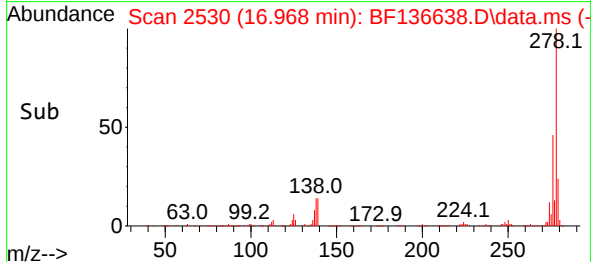
Instrument :
BNA_F
ClientSampleId :
ICVBF121923



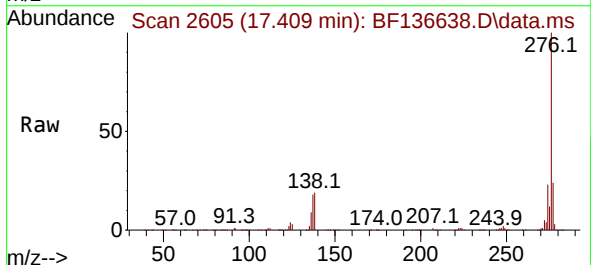
Tgt Ion:278 Resp: 328735
Ion Ratio Lower Upper
278 100
139 14.5 11.9 17.9
279 23.7 18.2 27.4

Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 12/20/2023
Supervised By :mohammad ahmed 12/20/2023



#92
Benzo(g,h,i)perylene
Concen: 44.083 ng
RT: 17.409 min Scan# 2605
Delta R.T. 0.000 min
Lab File: BF136638.D
Acq: 19 Dec 2023 19:15



Tgt Ion:276 Resp: 339255
Ion Ratio Lower Upper
276 100
277 23.9 18.4 27.6
138 18.9 16.6 24.8

