

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF120523\
 Data File : BF136411.D
 Acq On : 05 Dec 2023 17:41
 Operator : CG\JU
 Sample : SSTDICV040
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 ICVBF120523

Manual Integrations
 APPROVED

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

Quant Time: Dec 06 09:41:29 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF120523.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Dec 06 09:40:27 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.804	152	121147	20.000	ng	0.00
21) Naphthalene-d8	8.081	136	504259	20.000	ng	0.00
39) Acenaphthene-d10	9.839	164	259810	20.000	ng	0.00
64) Phenanthrene-d10	11.327	188	494232	20.000	ng	0.00
76) Chrysene-d12	13.980	240	275326	20.000	ng	0.00
86) Perylene-d12	15.451	264	232216	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.434	112	679082	82.783	ng	0.00
7) Phenol-d6	6.445	99	851075	83.155	ng	0.00
23) Nitrobenzene-d5	7.369	82	776498	83.246	ng	0.00
42) 2,4,6-Tribromophenol	10.633	330	268831	83.918	ng	0.00
45) 2-Fluorobiphenyl	9.163	172	1582618	83.118	ng	0.00
79) Terphenyl-d14	12.921	244	1793003	85.835	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	2.575	88	135950	41.900	ng	99
3) Pyridine	3.340	79	338733	43.109	ng	98
4) n-Nitrosodimethylamine	3.310	42	147084	43.086	ng	92
6) Aniline	6.469	93	433217	41.883	ng	99
8) 2-Chlorophenol	6.592	128	375826	41.966	ng	98
9) Benzaldehyde	6.357	77	230047	46.042	ng	96
10) Phenol	6.457	94	460350	42.270	ng	99
11) bis(2-Chloroethyl)ether	6.545	93	337062	41.522	ng	99
12) 1,3-Dichlorobenzene	6.745	146	419337	41.637	ng	98
13) 1,4-Dichlorobenzene	6.822	146	427850	41.878	ng	99
14) 1,2-Dichlorobenzene	6.975	146	396011	41.221	ng	99
15) Benzyl Alcohol	6.945	79	294088	42.911	ng	99
16) 2,2'-oxybis(1-Chloropr...	7.081	45	433045	41.477	ng	99
17) 2-Methylphenol	7.057	107	303110	41.894	ng	97
18) Hexachloroethane	7.310	117	149256	41.845	ng	98
19) n-Nitroso-di-n-propyla...	7.222	70	245469	41.577	ng	99
20) 3+4-Methylphenols	7.210	107	370986	41.311	ng	100
22) Acetophenone	7.216	105	511044	41.041	ng	99
24) Nitrobenzene	7.386	77	389652	41.526	ng	99
25) Isophorone	7.622	82	691540	41.266	ng	100
26) 2-Nitrophenol	7.698	139	197931	42.907	ng	99
27) 2,4-Dimethylphenol	7.739	122	238120	41.862	ng	99
28) bis(2-Chloroethoxy)met...	7.833	93	427756	41.539	ng	99
29) 2,4-Dichlorophenol	7.939	162	309933	41.280	ng	99
30) 1,2,4-Trichlorobenzene	8.022	180	367157	41.938	ng	99
31) Naphthalene	8.104	128	1139474	40.977	ng	100
32) Benzoic acid	7.869	122	248742	44.082	ng	97
33) 4-Chloroaniline	8.151	127	410891	41.447	ng	98
34) Hexachlorobutadiene	8.216	225	211441	40.751	ng	99
35) Caprolactam	8.533	113	94857	41.026	ng	99
36) 4-Chloro-3-methylphenol	8.639	107	330822	41.498	ng	99
37) 2-Methylnaphthalene	8.792	142	729375	41.228	ng	99
38) 1-Methylnaphthalene	8.892	142	712471	41.041	ng	99
40) 1,2,4,5-Tetrachloroben...	8.957	216	342327	42.351	ng	100
41) Hexachlorocyclopentadiene	8.945	237	126965	42.399	ng	99
43) 2,4,6-Trichlorophenol	9.075	196	225423	42.831	ng	99

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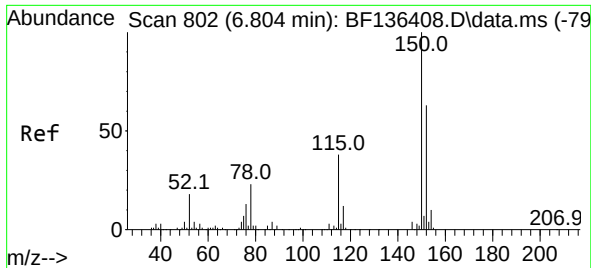
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.110	196	245571	41.805	ng	99
46) 1,1'-Biphenyl	9.263	154	916878	41.474	ng	100
47) 2-Chloronaphthalene	9.286	162	717630	41.707	ng	99
48) 2-Nitroaniline	9.380	65	195064	42.269	ng	99
49) Acenaphthylene	9.698	152	1031757	42.093	ng	99
50) Dimethylphthalate	9.569	163	787628	41.177	ng	100
51) 2,6-Dinitrotoluene	9.627	165	180205	41.876	ng	96
52) Acenaphthene	9.875	154	645480m	41.095	ng	
53) 3-Nitroaniline	9.798	138	185992	42.325	ng	97
54) 2,4-Dinitrophenol	9.904	184	100126	46.019	ng	100
55) Dibenzofuran	10.045	168	949953	41.400	ng	99
56) 4-Nitrophenol	9.957	139	141286	42.889	ng	98
57) 2,4-Dinitrotoluene	10.033	165	243701	42.809	ng	99
58) Fluorene	10.386	166	763536	41.453	ng	100
59) 2,3,4,6-Tetrachlorophenol	10.163	232	195477	41.544	ng	98
60) Diethylphthalate	10.263	149	787554	41.871	ng	99
61) 4-Chlorophenyl-phenyle...	10.380	204	369620	41.164	ng	98
62) 4-Nitroaniline	10.416	138	185206	42.445	ng	99
63) Azobenzene	10.539	77	708568	41.388	ng	94
65) 4,6-Dinitro-2-methylph...	10.439	198	138411	45.220	ng	99
66) n-Nitrosodiphenylamine	10.504	169	640397	40.381	ng	100
67) 4-Bromophenyl-phenylether	10.874	248	235159	40.924	ng	98
68) Hexachlorobenzene	10.933	284	274371	41.312	ng	99
69) Atrazine	11.033	200	174185	38.482	ng	98
70) Pentachlorophenol	11.127	266	161151	42.994	ng	99
71) Phenanthrene	11.351	178	1107456	40.767	ng	100
72) Anthracene	11.404	178	1124331	41.092	ng	100
73) Carbazole	11.563	167	987274	40.768	ng	99
74) Di-n-butylphthalate	11.898	149	1233205	41.540	ng	100
75) Fluoranthene	12.545	202	1133994	39.834	ng	100
77) Benzidine	12.668	184	213231	36.252	ng	98
78) Pyrene	12.774	202	1162699	43.120	ng	99
80) Butylbenzylphthalate	13.398	149	416410	43.381	ng	91
81) Benzo(a)anthracene	13.968	228	795810	41.496	ng	99
82) 3,3'-Dichlorobenzidine	13.933	252	214690	39.926	ng	100
83) Chrysene	14.004	228	776499	41.153	ng	99
84) Bis(2-ethylhexyl)phtha...	13.962	149	517083	43.943	ng	99
85) Di-n-octyl phthalate	14.580	149	767041	44.130	ng	100
87) Indeno(1,2,3-cd)pyrene	16.962	276	729556	45.223	ng	100
88) Benzo(b)fluoranthene	15.021	252	628258	39.570	ng	100
89) Benzo(k)fluoranthene	15.051	252	626086	41.843	ng	99
90) Benzo(a)pyrene	15.392	252	547120	41.726	ng	99
91) Dibenzo(a,h)anthracene	16.980	278	597360	45.198	ng	99
92) Benzo(g,h,i)perylene	17.421	276	613537	45.228	ng	99

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



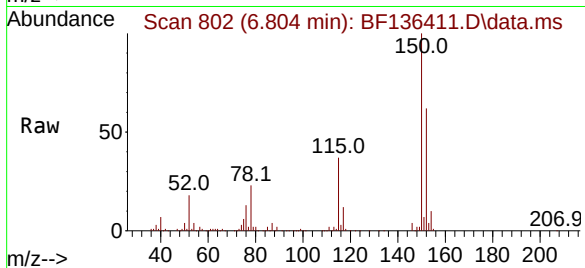
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 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.804 min Scan# 80
 Delta R.T. 0.000 min
 Lab File: BF136411.D
 Acq: 05 Dec 2023 17:41

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BNA_F

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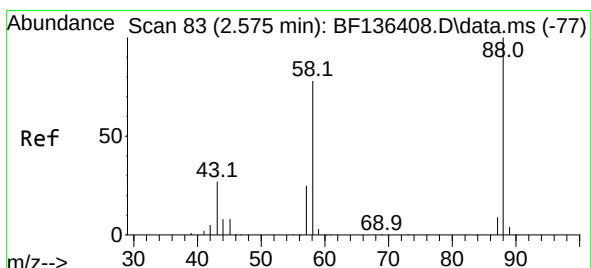
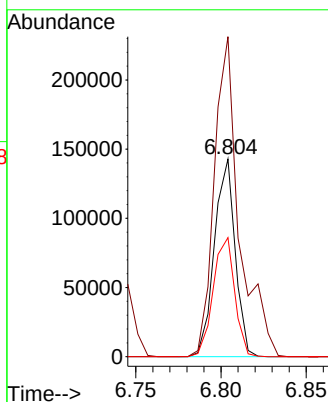
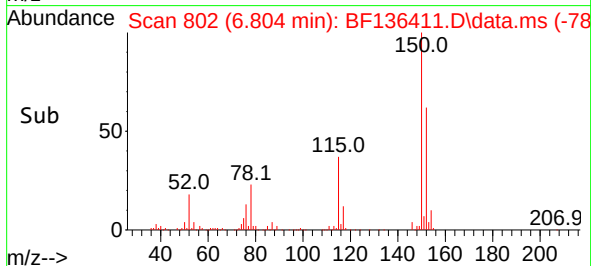


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 Ion Ratio Lower Upper
 152 100
 150 162.0 126.4 189.6
 115 60.3 48.2 72.4

Manual Integrations

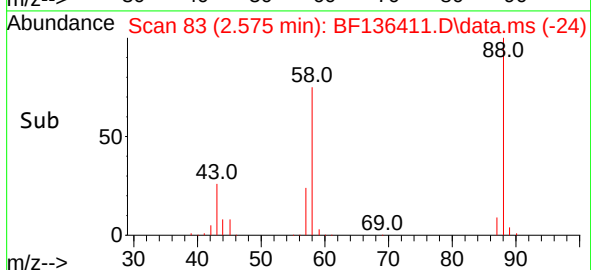
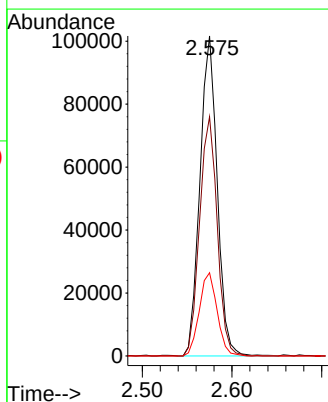
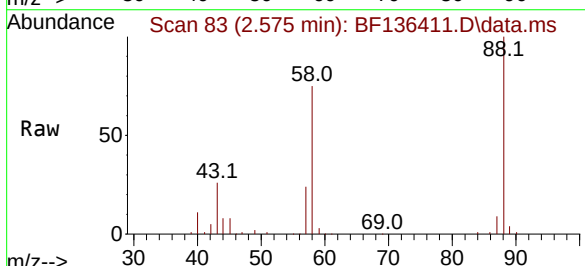
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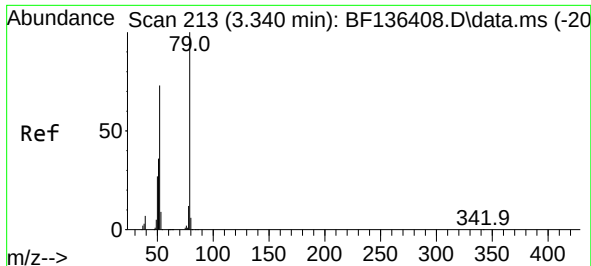
Reviewed By :Yogesh Patel 12/07/2023
 Supervised By :mohammad ahmed 12/07/2023



#2
 1,4-Dioxane
 Concen: 41.900 ng
 RT: 2.575 min Scan# 83
 Delta R.T. -0.000 min
 Lab File: BF136411.D
 Acq: 05 Dec 2023 17:41

Tgt Ion: 88 Resp: 135950
 Ion Ratio Lower Upper
 88 100
 58 76.2 62.2 93.2
 43 26.8 21.5 32.3





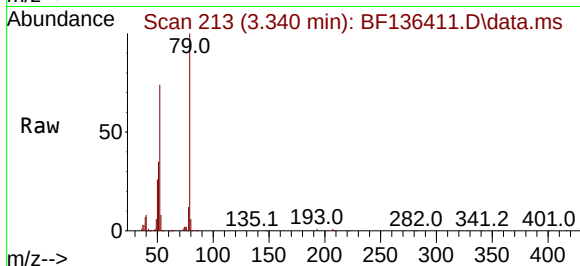
#3
Pyridine
Concen: 43.109 ng
RT: 3.340 min Scan# 213
Delta R.T. -0.000 min
Lab File: BF136411.D
Acq: 05 Dec 2023 17:41

Instrument :

BNA_F

ClientSampleId :

ICVBF120523



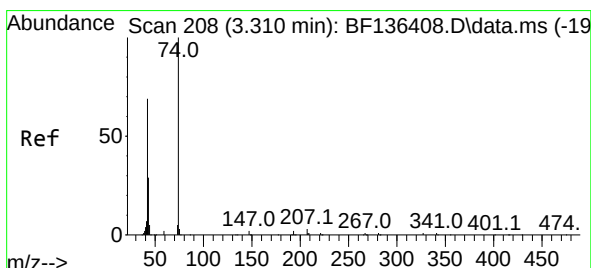
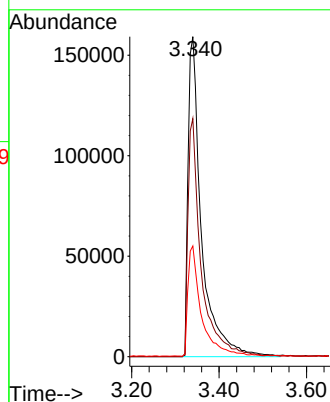
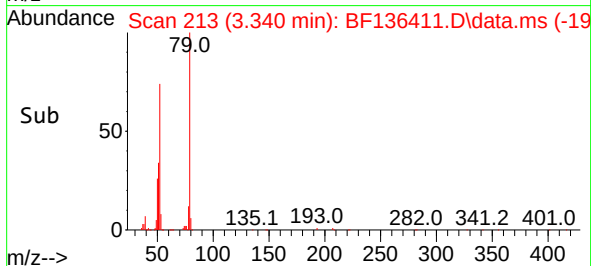
Tgt Ion: 79 Resp: 338733
Ion Ratio Lower Upper
79 100
52 74.4 58.2 87.2
51 34.6 29.1 43.7

Manual Integrations

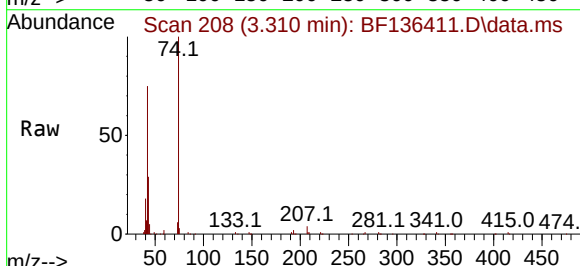
APPROVED

Reviewed By :Yogesh Patel 12/07/2023

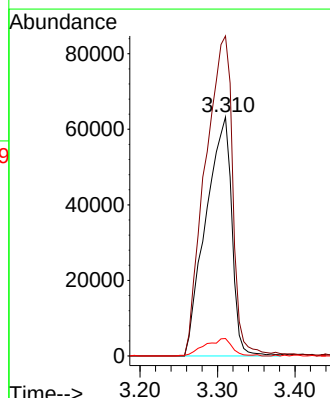
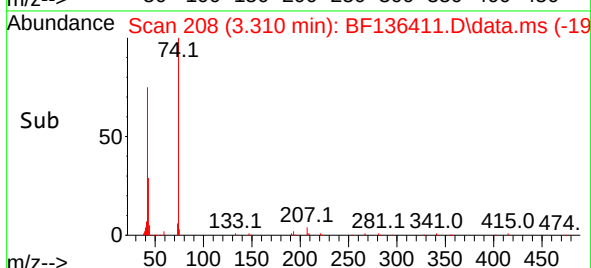
Supervised By :mohammad ahmed 12/07/2023

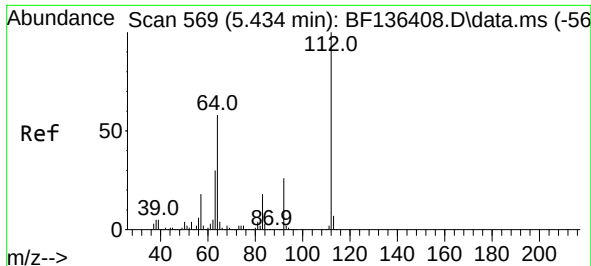


#4
n-Nitrosodimethylamine
Concen: 43.086 ng
RT: 3.310 min Scan# 208
Delta R.T. -0.000 min
Lab File: BF136411.D
Acq: 05 Dec 2023 17:41



Tgt Ion: 42 Resp: 147084
Ion Ratio Lower Upper
42 100
74 134.0 115.4 173.0
44 7.3 6.2 9.2





#5
2-Fluorophenol
Concen: 82.783 ng
RT: 5.434 min Scan# 509
Delta R.T. -0.000 min
Lab File: BF136411.D
Acq: 05 Dec 2023 17:41

Instrument :

BNA_F

ClientSampleId :

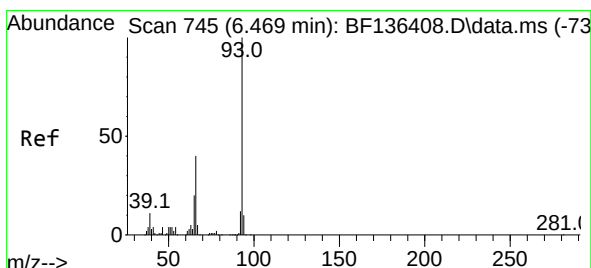
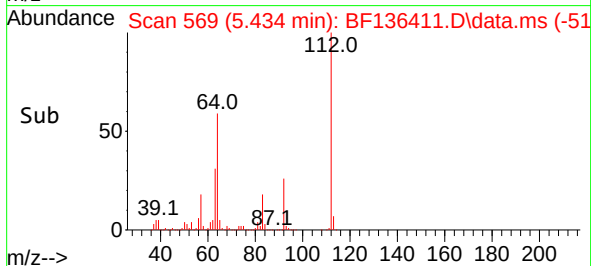
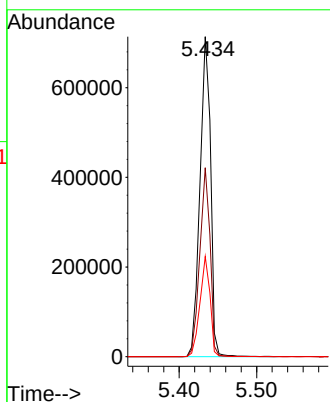
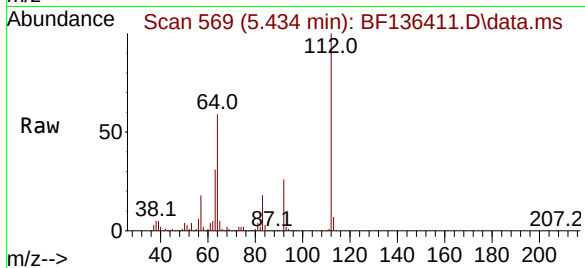
ICVBF120523

Tgt Ion:112 Resp: 679082
Ion Ratio Lower Upper
112 100
64 59.1 46.5 69.7
63 31.3 23.9 35.9

Manual Integrations

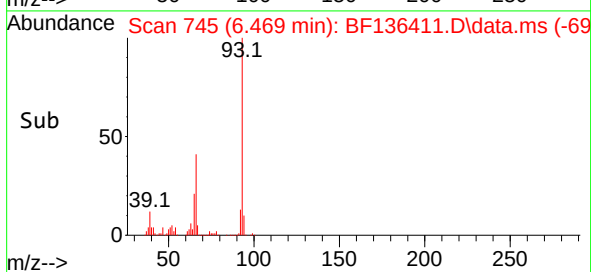
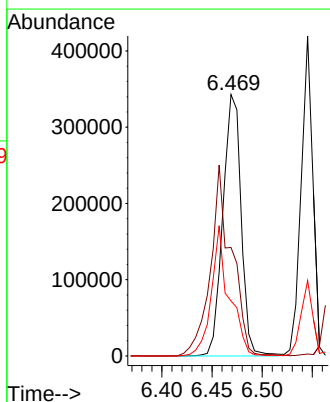
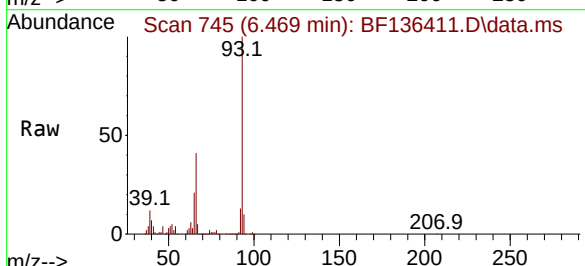
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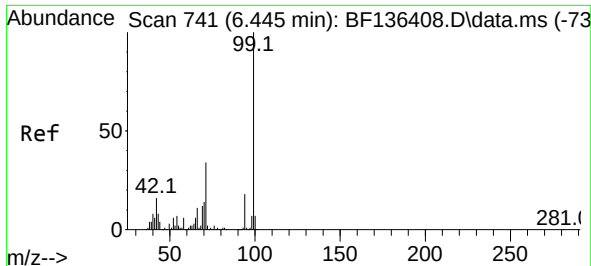
Reviewed By :Yogesh Patel 12/07/2023
Supervised By :mohammad ahmed 12/07/2023



#6
Aniline
Concen: 41.883 ng
RT: 6.469 min Scan# 745
Delta R.T. -0.000 min
Lab File: BF136411.D
Acq: 05 Dec 2023 17:41

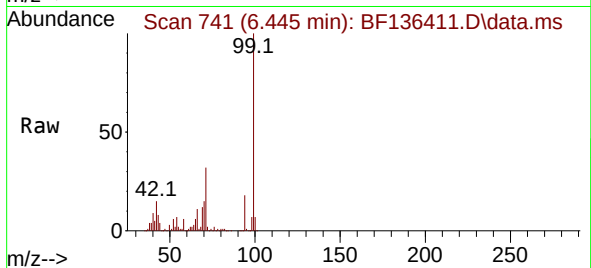
Tgt Ion: 93 Resp: 433217
Ion Ratio Lower Upper
93 100
66 41.5 32.5 48.7
65 21.0 16.4 24.6





#7
Phenol-d6
Concen: 83.155 ng
RT: 6.445 min Scan# 741
Delta R.T. -0.000 min
Lab File: BF136411.D
Acq: 05 Dec 2023 17:41

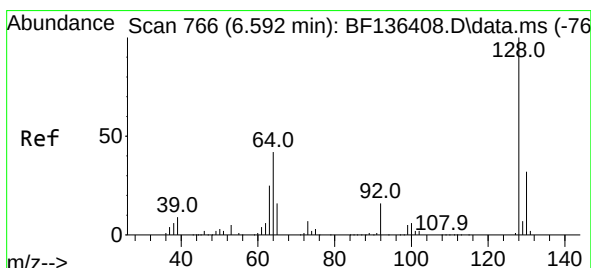
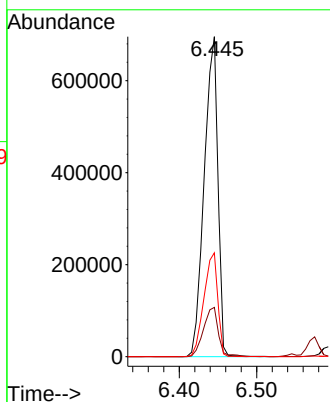
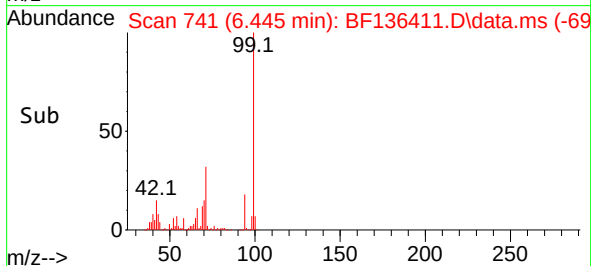
Instrument :
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ICVBF120523



Tgt Ion: 99 Resp: 851075
Ion Ratio Lower Upper
99 100
42 15.4 12.8 19.2
71 32.4 27.0 40.4

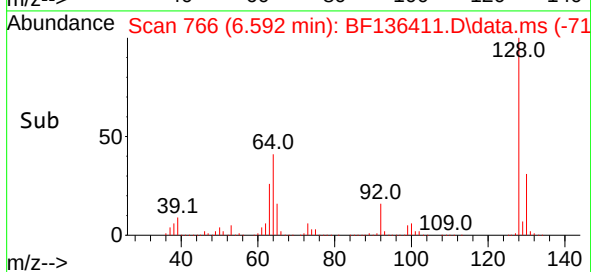
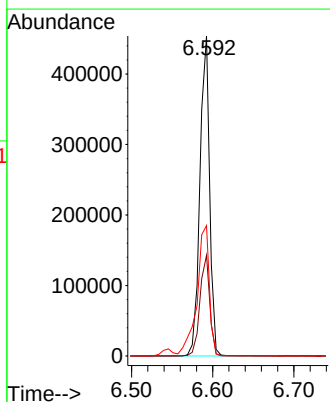
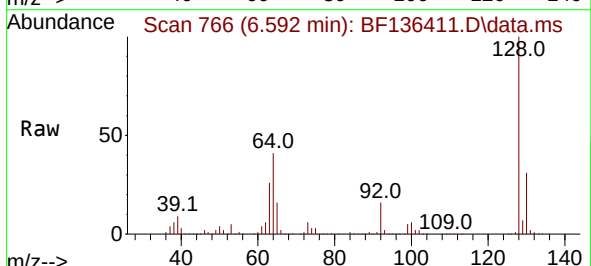
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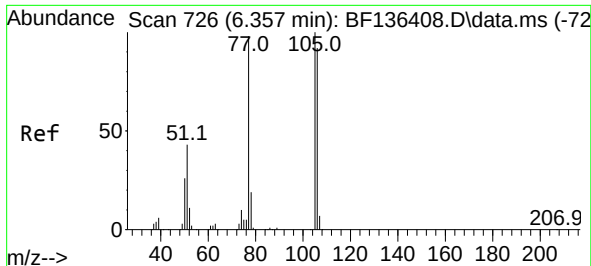
Reviewed By :Yogesh Patel 12/07/2023
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#8
2-Chlorophenol
Concen: 41.966 ng
RT: 6.592 min Scan# 766
Delta R.T. -0.000 min
Lab File: BF136411.D
Acq: 05 Dec 2023 17:41

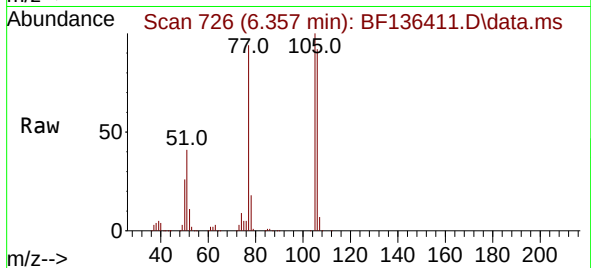
Tgt Ion:128 Resp: 375826
Ion Ratio Lower Upper
128 100
130 31.4 11.7 51.7
64 40.7 22.5 62.5





#9
Benzaldehyde
Concen: 46.042 ng
RT: 6.357 min Scan# 726
Delta R.T. -0.000 min
Lab File: BF136411.D
Acq: 05 Dec 2023 17:41

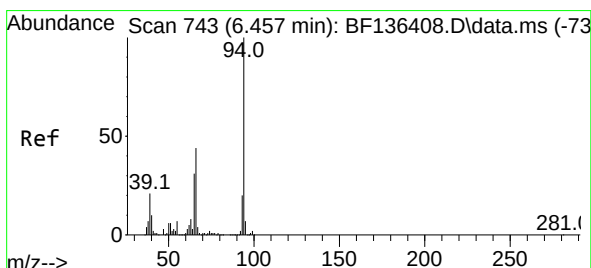
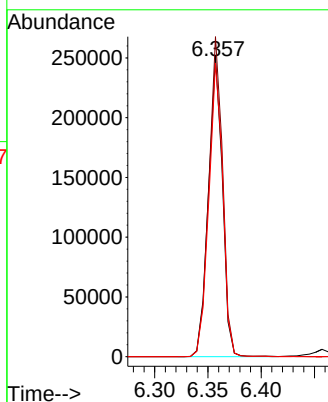
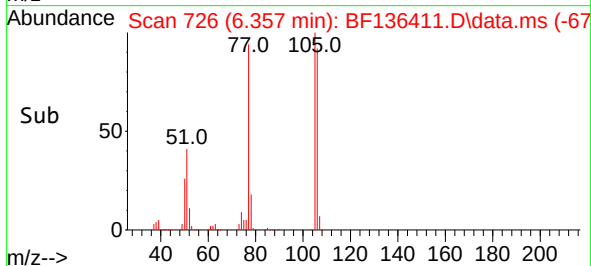
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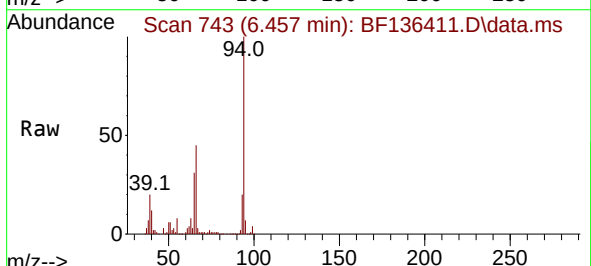
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Ion Ratio Lower Upper
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105 106.4 82.5 122.5
106 97.7 74.5 114.5

Manual Integrations
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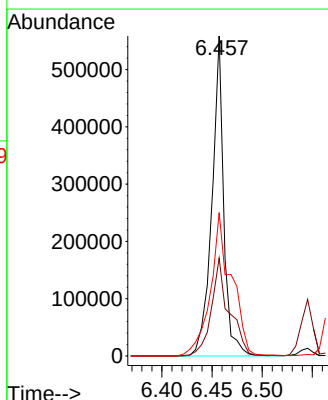
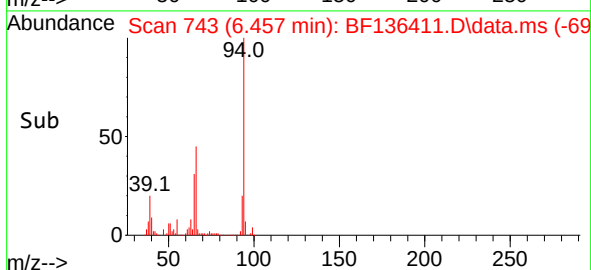
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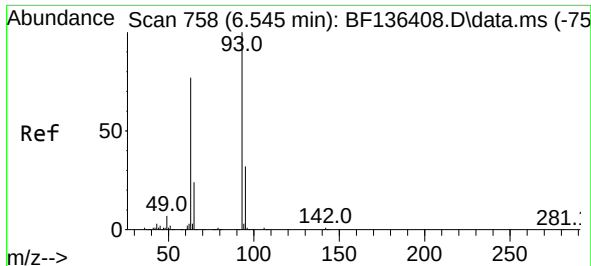


#10
Phenol
Concen: 42.270 ng
RT: 6.457 min Scan# 743
Delta R.T. -0.000 min
Lab File: BF136411.D
Acq: 05 Dec 2023 17:41



Tgt Ion: 94 Resp: 460350
Ion Ratio Lower Upper
94 100
65 30.6 11.2 51.2
66 44.8 24.2 64.2





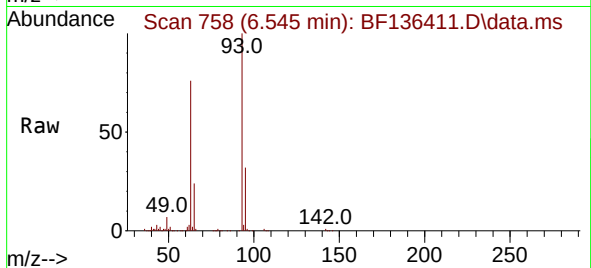
#11
bis(2-Chloroethyl)ether
Concen: 41.522 ng
RT: 6.545 min Scan# 758
Delta R.T. -0.000 min
Lab File: BF136411.D
Acq: 05 Dec 2023 17:41

Instrument :

BNA_F

Client Sample Id :

ICVBF120523

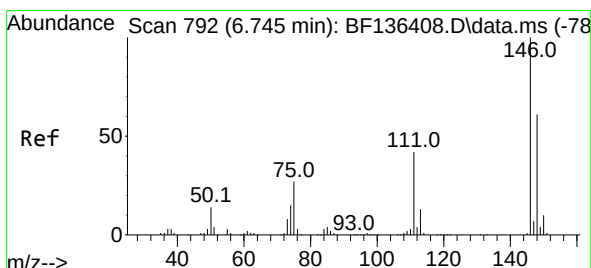
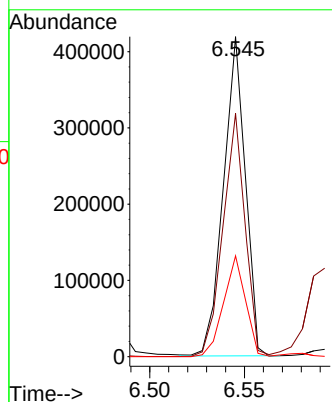
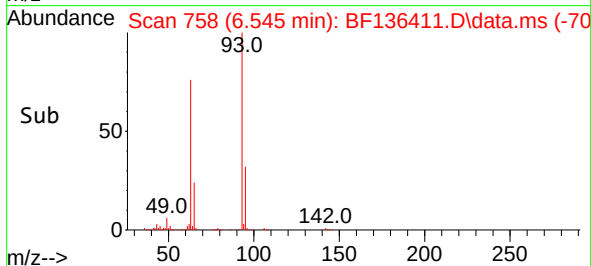


Tgt Ion: 93 Resp: 337062
Ion Ratio Lower Upper
93 100
63 76.0 56.8 96.8
95 31.5 11.8 51.8

Manual Integrations

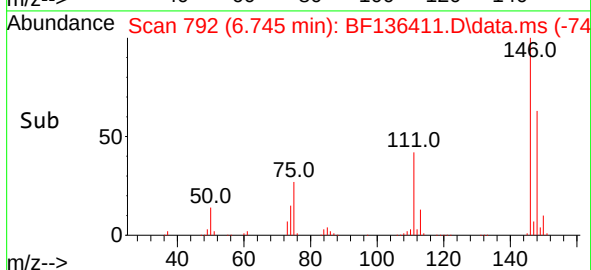
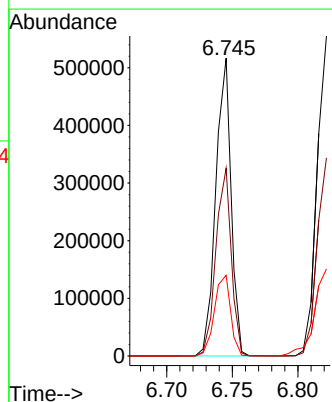
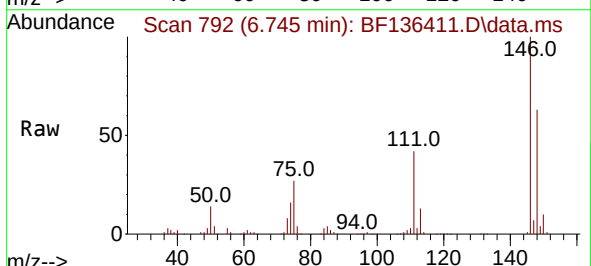
APPROVED

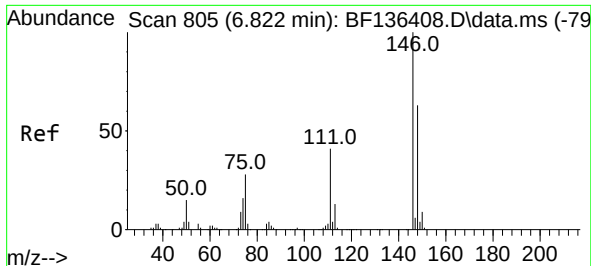
Reviewed By :Yogesh Patel 12/07/2023
Supervised By :mohammad ahmed 12/07/2023



#12
1,3-Dichlorobenzene
Concen: 41.637 ng
RT: 6.745 min Scan# 792
Delta R.T. -0.000 min
Lab File: BF136411.D
Acq: 05 Dec 2023 17:41

Tgt Ion:146 Resp: 419337
Ion Ratio Lower Upper
146 100
148 63.0 49.0 73.6
75 27.1 21.8 32.6





#13

1,4-Dichlorobenzene

Concen: 41.878 ng

RT: 6.822 min Scan# 805

Delta R.T. -0.000 min

Lab File: BF136411.D

Acq: 05 Dec 2023 17:41

Instrument :

BNA_F

ClientSampleId :

ICVBF120523

Tgt Ion:146 Resp: 427850

Ion Ratio Lower Upper

146 100

148 61.9 50.3 75.5

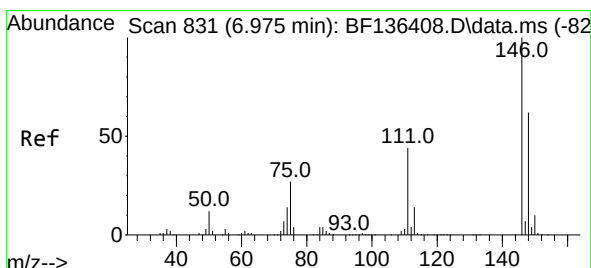
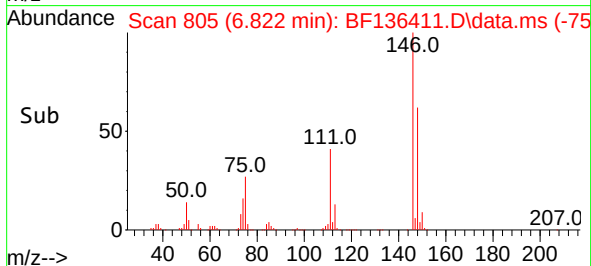
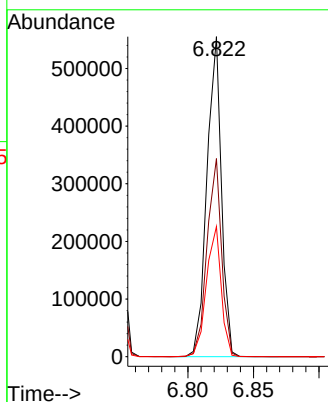
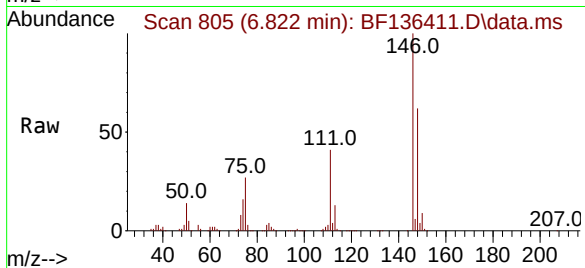
111 40.6 32.6 49.0

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 12/07/2023

Supervised By :mohammad ahmed 12/07/2023



#14

1,2-Dichlorobenzene

Concen: 41.221 ng

RT: 6.975 min Scan# 831

Delta R.T. -0.000 min

Lab File: BF136411.D

Acq: 05 Dec 2023 17:41

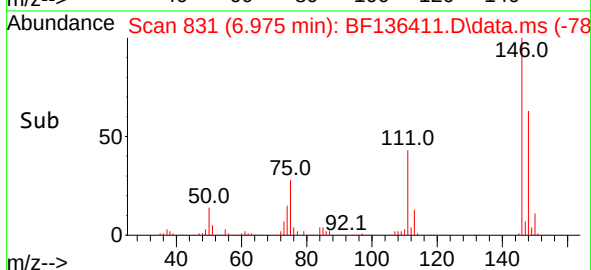
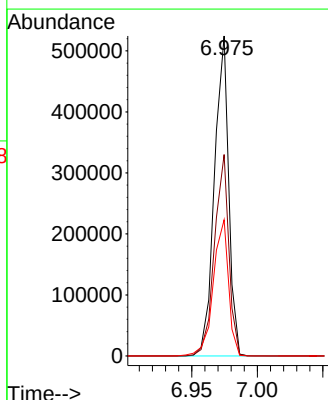
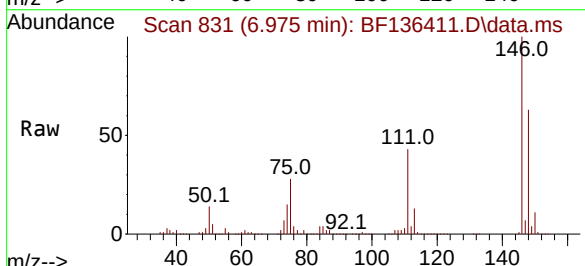
Tgt Ion:146 Resp: 396011

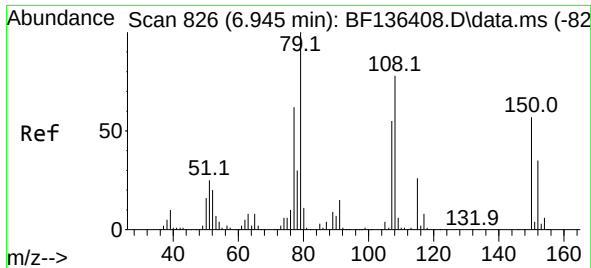
Ion Ratio Lower Upper

146 100

148 63.0 49.8 74.6

111 42.6 34.9 52.3





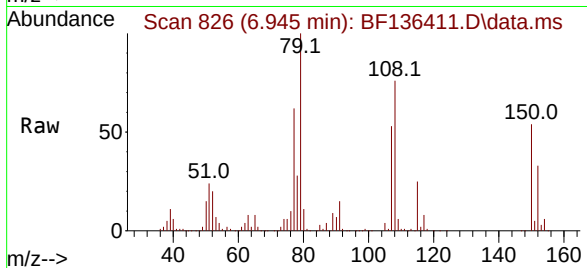
#15
Benzyl Alcohol
Concen: 42.911 ng
RT: 6.945 min Scan# 826
Delta R.T. -0.000 min
Lab File: BF136411.D
Acq: 05 Dec 2023 17:41

Instrument :

BNA_F

ClientSampleId :

ICVBF120523

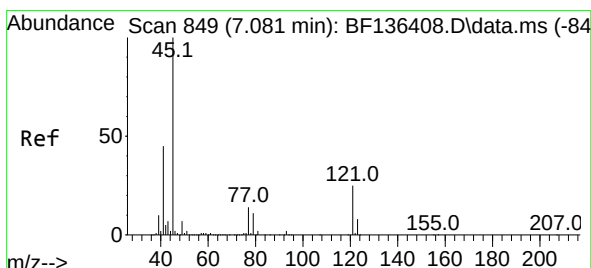
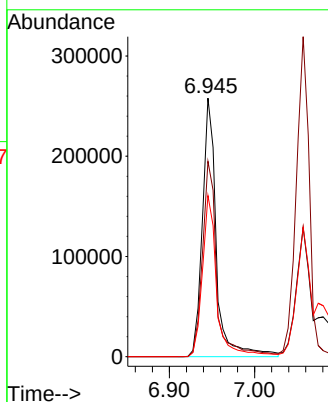
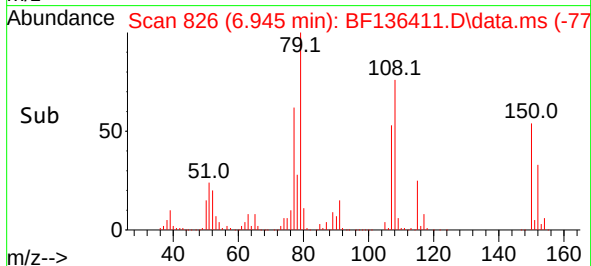


Tgt Ion: 79 Resp: 294088
Ion Ratio Lower Upper
79 100
108 75.6 62.3 93.5
77 62.3 49.8 74.8

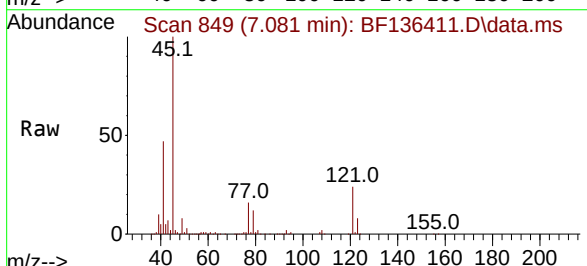
Manual Integrations

APPROVED

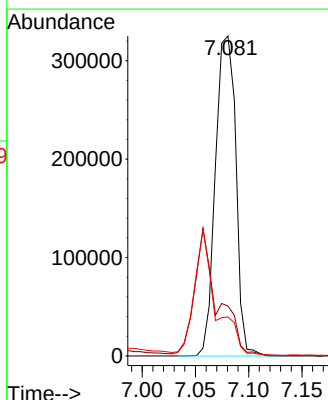
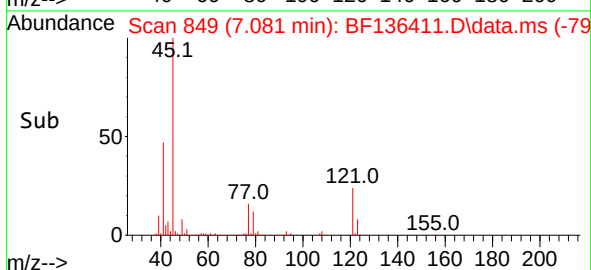
Reviewed By :Yogesh Patel 12/07/2023
Supervised By :mohammad ahmed 12/07/2023

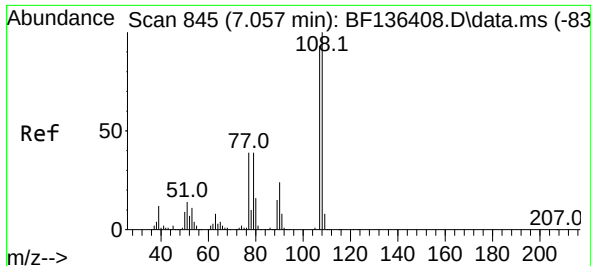


#16
2,2'-oxybis(1-Chloropropane)
Concen: 41.477 ng
RT: 7.081 min Scan# 849
Delta R.T. -0.000 min
Lab File: BF136411.D
Acq: 05 Dec 2023 17:41



Tgt Ion: 45 Resp: 433045
Ion Ratio Lower Upper
45 100
77 15.6 0.0 35.3
79 12.2 0.0 32.5





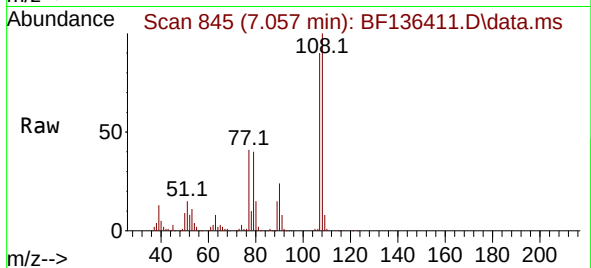
#17
2-Methylphenol
Concen: 41.894 ng
RT: 7.057 min Scan# 845
Delta R.T. -0.000 min
Lab File: BF136411.D
Acq: 05 Dec 2023 17:41

Instrument :

BNA_F

ClientSampleId :

ICVBF120523

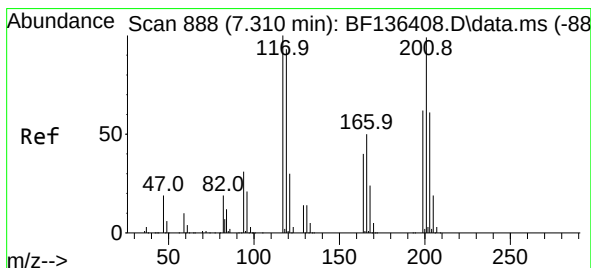
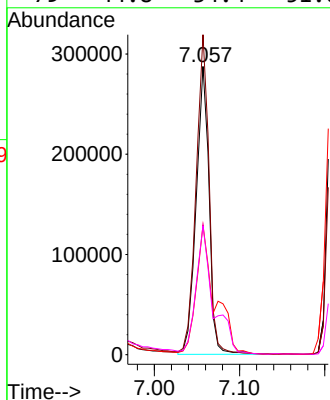
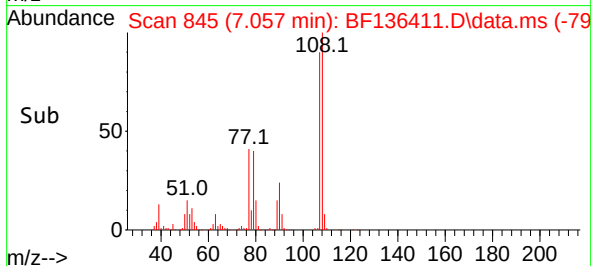


Tgt Ion:107 Resp: 303110
Ion Ratio Lower Upper
107 100
108 111.0 86.5 129.7
77 45.0 33.8 50.8
79 44.8 34.4 51.6

Manual Integrations

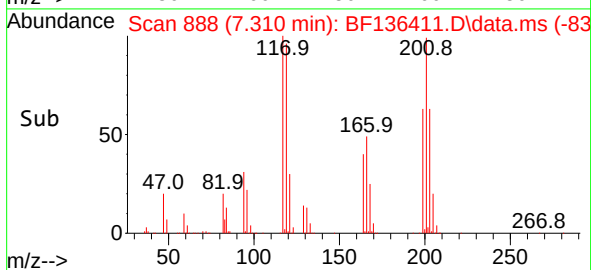
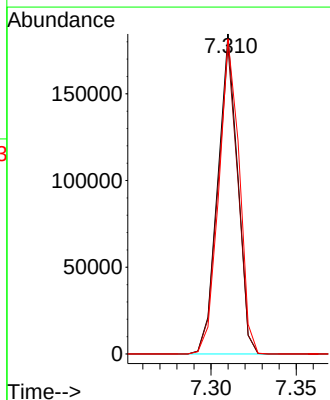
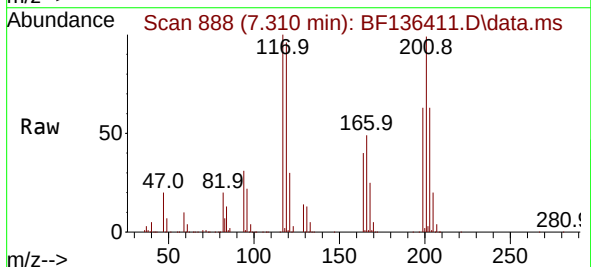
APPROVED

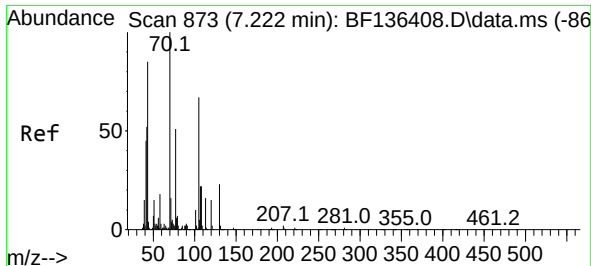
Reviewed By :Yogesh Patel 12/07/2023
Supervised By :mohammad ahmed 12/07/2023



#18
Hexachloroethane
Concen: 41.845 ng
RT: 7.310 min Scan# 888
Delta R.T. -0.000 min
Lab File: BF136411.D
Acq: 05 Dec 2023 17:41

Tgt Ion:117 Resp: 149256
Ion Ratio Lower Upper
117 100
119 95.8 74.3 111.5
201 98.5 79.3 118.9





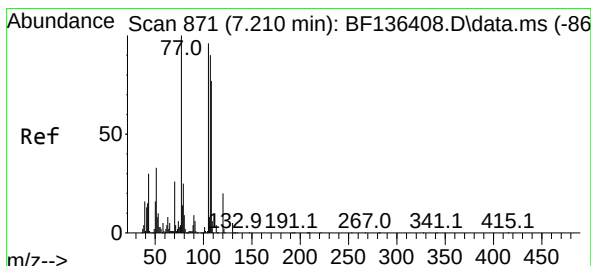
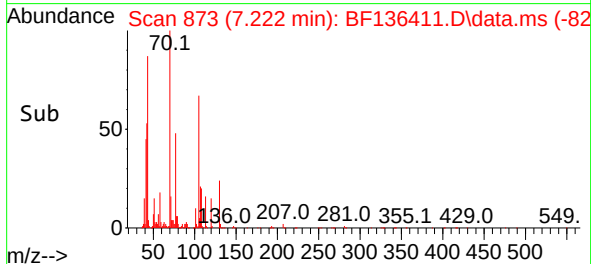
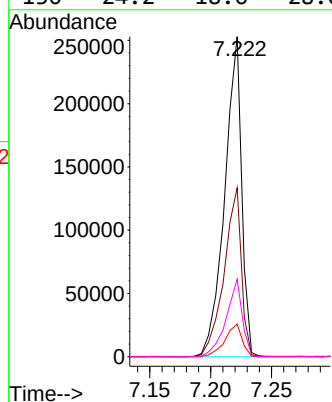
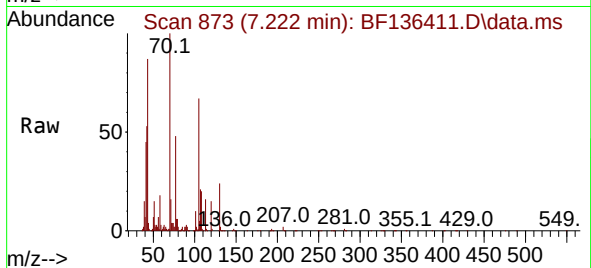
#19
n-Nitroso-di-n-propylamine
Concen: 41.577 ng
RT: 7.222 min Scan# 873
Delta R.T. -0.000 min
Lab File: BF136411.D
Acq: 05 Dec 2023 17:41

Instrument :
BNA_F
ClientSampleId :
ICVBF120523

Tgt Ion: 70 Resp: 245469
Ion Ratio Lower Upper
70 100
42 52.8 41.4 62.0
101 10.2 8.2 12.4
130 24.2 18.6 28.0

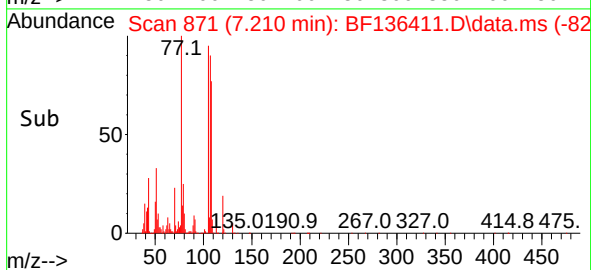
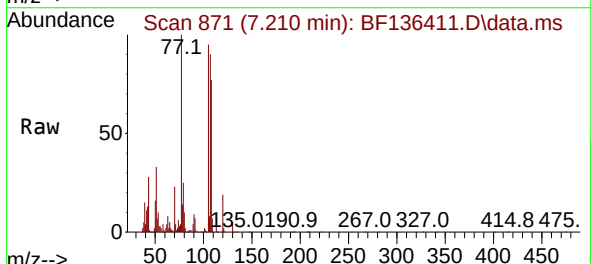
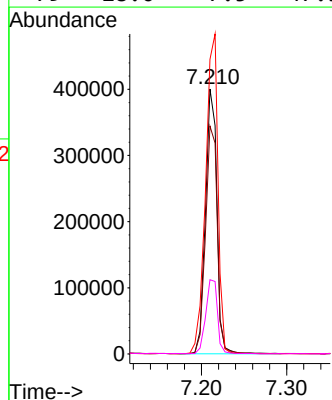
Manual Integrations
APPROVED

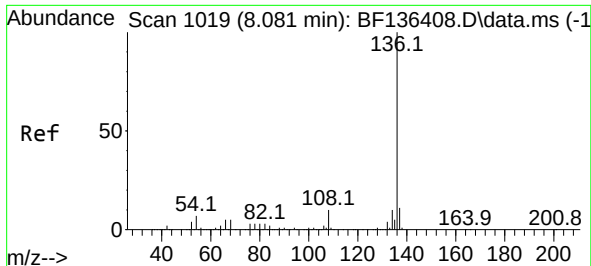
Reviewed By :Yogesh Patel 12/07/2023
Supervised By :mohammad ahmed 12/07/2023



#20
3+4-Methylphenols
Concen: 41.311 ng
RT: 7.210 min Scan# 871
Delta R.T. -0.000 min
Lab File: BF136411.D
Acq: 05 Dec 2023 17:41

Tgt Ion:107 Resp: 370986
Ion Ratio Lower Upper
107 100
108 86.0 65.9 105.9
77 111.2 91.7 131.7
79 28.0 7.5 47.5





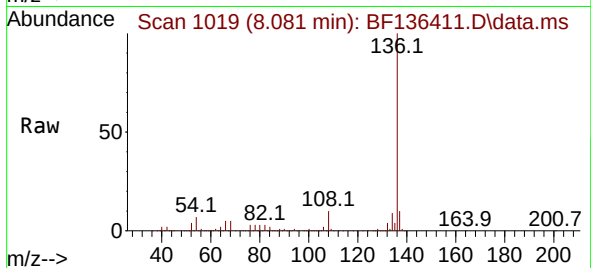
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.081 min Scan# 1019
Delta R.T. -0.000 min
Lab File: BF136411.D
Acq: 05 Dec 2023 17:41

Instrument :

BNA_F

ClientSampleId :

ICVBF120523

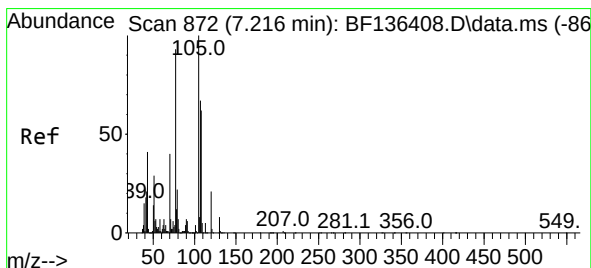
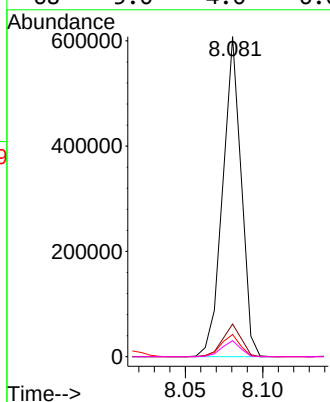
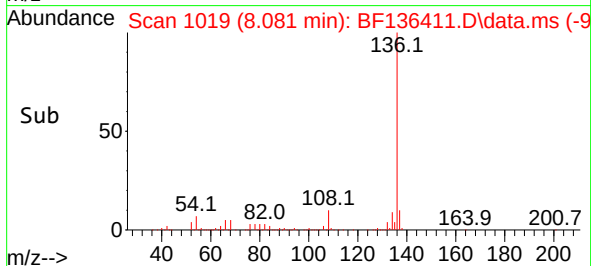


Tgt Ion:136 Resp: 504259
Ion Ratio Lower Upper
136 100
137 10.2 8.6 12.8
54 7.0 5.7 8.5
68 5.0 4.0 6.0

Manual Integrations

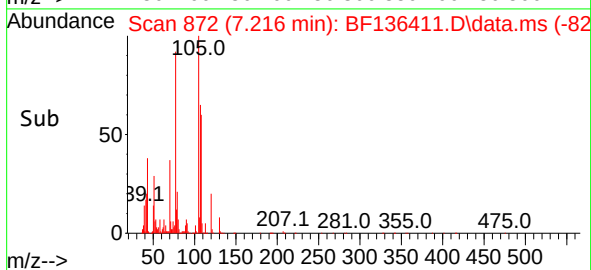
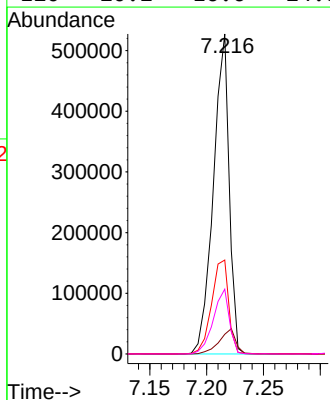
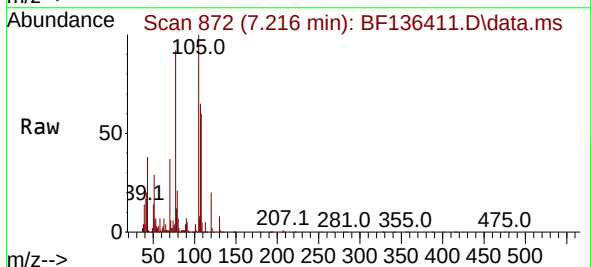
APPROVED

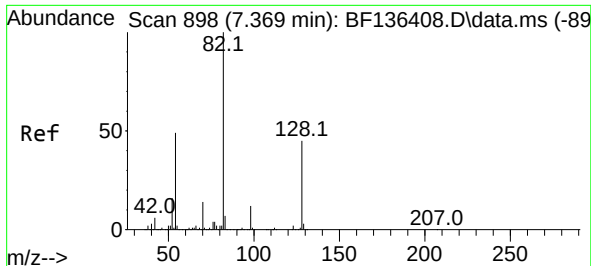
Reviewed By :Yogesh Patel 12/07/2023
Supervised By :mohammad ahmed 12/07/2023



#22
Acetophenone
Concen: 41.041 ng
RT: 7.216 min Scan# 872
Delta R.T. -0.000 min
Lab File: BF136411.D
Acq: 05 Dec 2023 17:41

Tgt Ion:105 Resp: 511044
Ion Ratio Lower Upper
105 100
71 6.2 5.4 8.0
51 29.3 23.4 35.2
120 20.2 16.6 24.8





#23

Nitrobenzene-d5

Concen: 83.246 ng

RT: 7.369 min Scan# 898

Delta R.T. -0.000 min

Lab File: BF136411.D

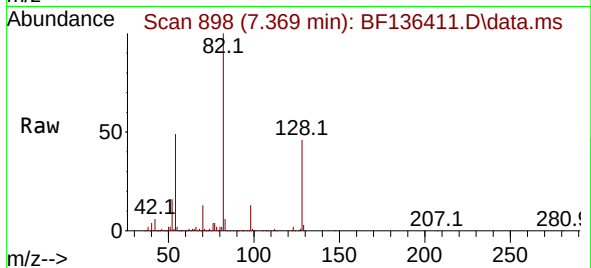
Acq: 05 Dec 2023 17:41

Instrument :

BNA_F

ClientSampleId :

ICVBF120523



Tgt Ion: 82 Resp: 776498

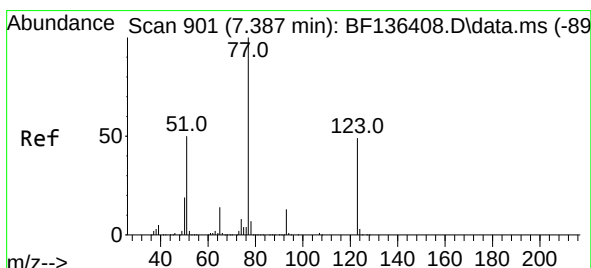
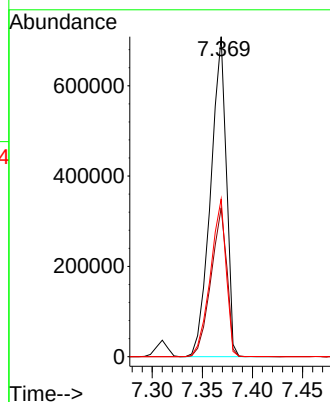
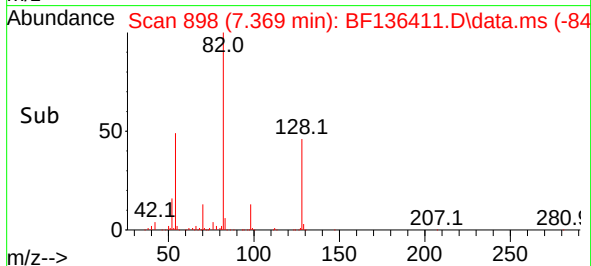
Ion	Ratio	Lower	Upper
82	100		
128	46.4	36.3	54.5
54	49.2	39.0	58.6

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 12/07/2023

Supervised By :mohammad ahmed 12/07/2023



#24

Nitrobenzene

Concen: 41.526 ng

RT: 7.386 min Scan# 901

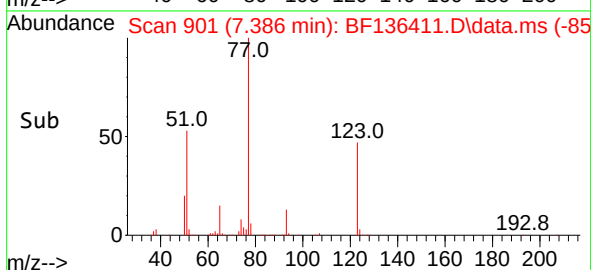
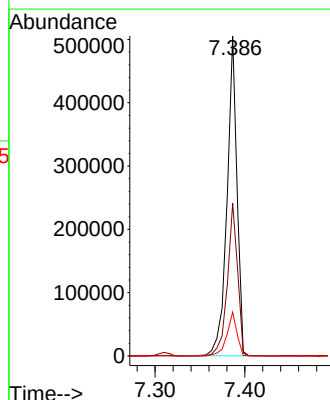
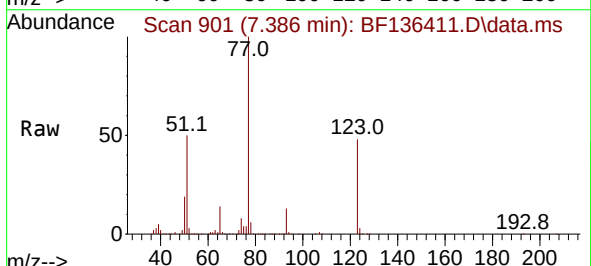
Delta R.T. -0.000 min

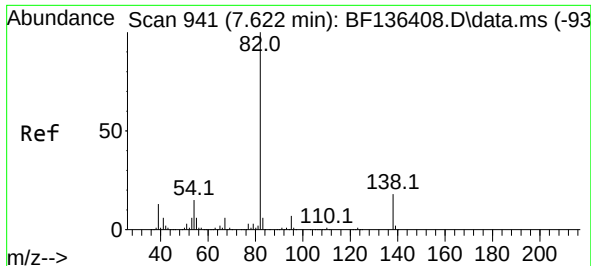
Lab File: BF136411.D

Acq: 05 Dec 2023 17:41

Tgt Ion: 77 Resp: 389652

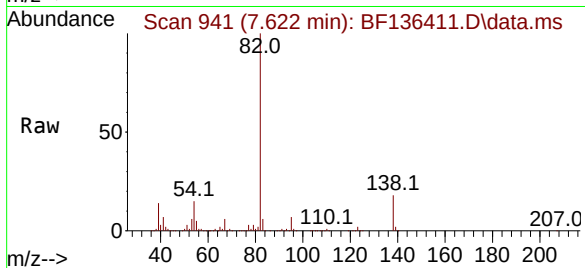
Ion	Ratio	Lower	Upper
77	100		
123	47.8	39.0	58.6
65	13.7	11.3	16.9





#25
Isophorone
Concen: 41.266 ng
RT: 7.622 min Scan# 941
Delta R.T. -0.000 min
Lab File: BF136411.D
Acq: 05 Dec 2023 17:41

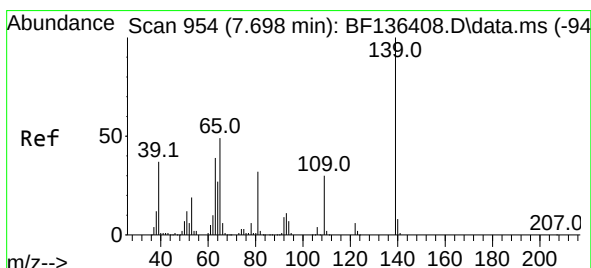
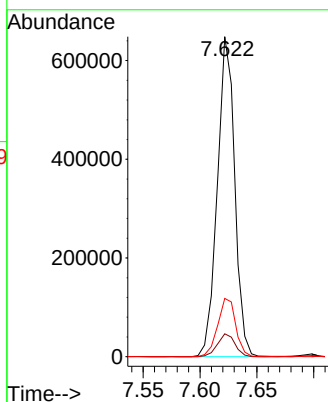
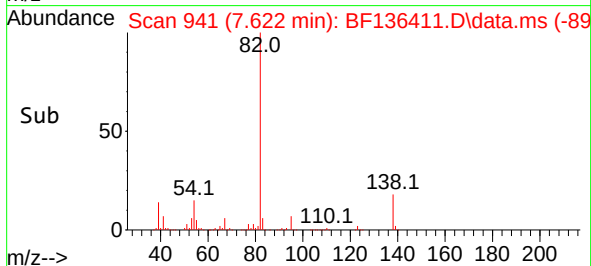
Instrument :
BNA_F
ClientSampleId :
ICVBF120523



Tgt Ion: 82 Resp: 691540
Ion Ratio Lower Upper
82 100
95 7.2 5.7 8.5
138 18.2 14.5 21.7

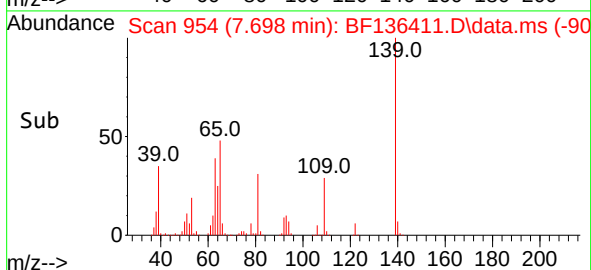
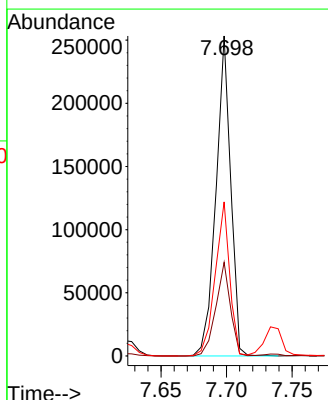
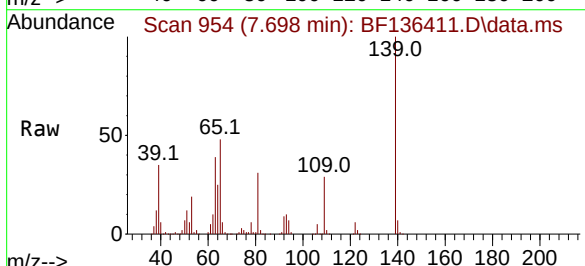
Manual Integrations
APPROVED

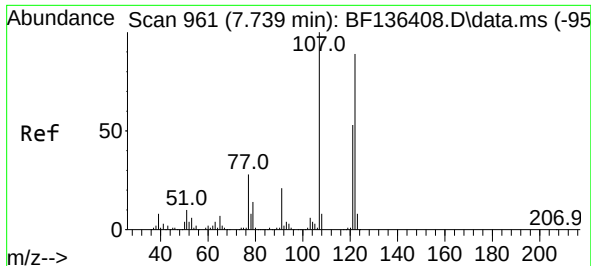
Reviewed By :Yogesh Patel 12/07/2023
Supervised By :mohammad ahmed 12/07/2023



#26
2-Nitrophenol
Concen: 42.907 ng
RT: 7.698 min Scan# 954
Delta R.T. -0.000 min
Lab File: BF136411.D
Acq: 05 Dec 2023 17:41

Tgt Ion:139 Resp: 197931
Ion Ratio Lower Upper
139 100
109 29.2 23.6 35.4
65 48.1 39.4 59.2





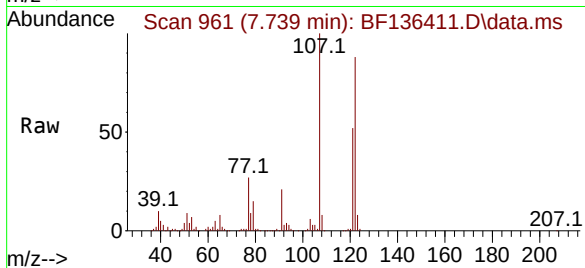
#27
2,4-Dimethylphenol
Concen: 41.862 ng
RT: 7.739 min Scan# 961
Delta R.T. -0.000 min
Lab File: BF136411.D
Acq: 05 Dec 2023 17:41

Instrument :

BNA_F

ClientSampleId :

ICVBF120523

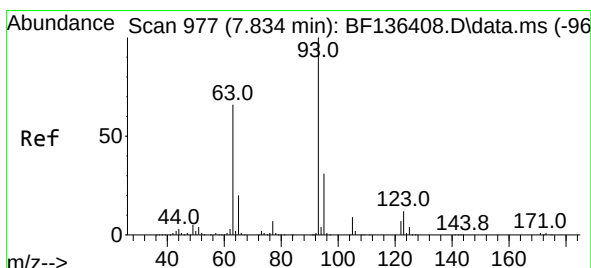
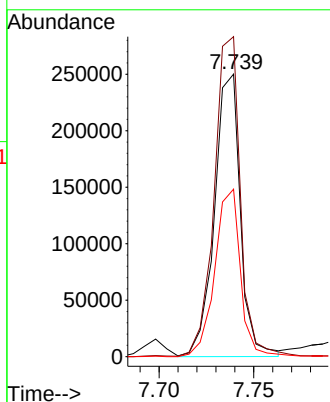
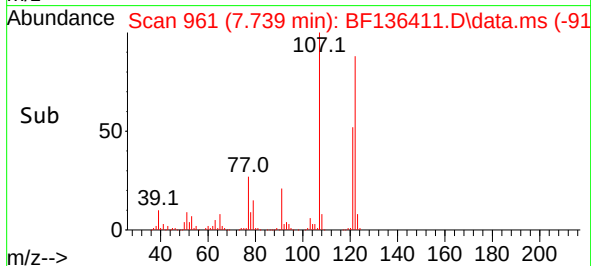


Tgt Ion:122 Resp: 238120
Ion Ratio Lower Upper
122 100
107 113.3 89.3 133.9
121 59.3 47.6 71.4

Manual Integrations

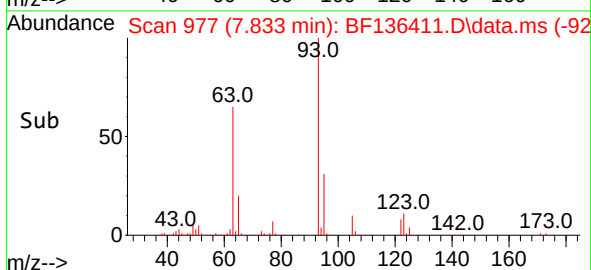
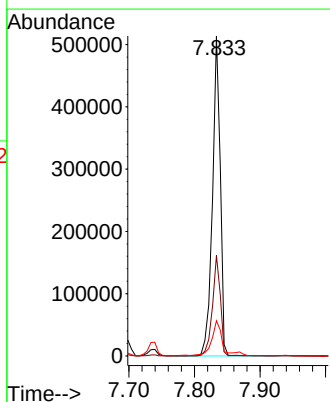
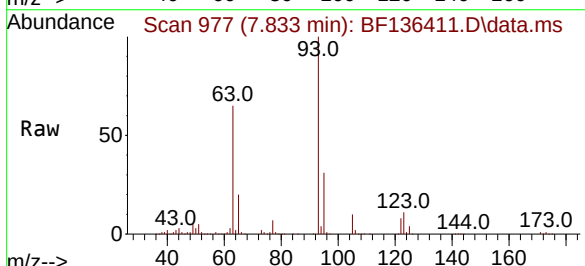
APPROVED

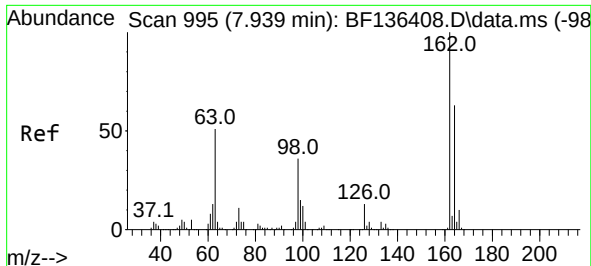
Reviewed By :Yogesh Patel 12/07/2023
Supervised By :mohammad ahmed 12/07/2023



#28
bis(2-Chloroethoxy)methane
Concen: 41.539 ng
RT: 7.833 min Scan# 977
Delta R.T. -0.000 min
Lab File: BF136411.D
Acq: 05 Dec 2023 17:41

Tgt Ion: 93 Resp: 427756
Ion Ratio Lower Upper
93 100
95 31.4 25.0 37.4
123 11.0 9.4 14.0





#29

2,4-Dichlorophenol

Concen: 41.280 ng

RT: 7.939 min Scan# 995

Delta R.T. -0.000 min

Lab File: BF136411.D

Acq: 05 Dec 2023 17:41

Instrument :

BNA_F

ClientSampleId :

ICVBF120523

Tgt Ion:162 Resp: 30993

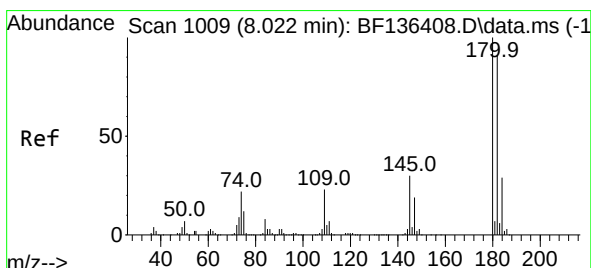
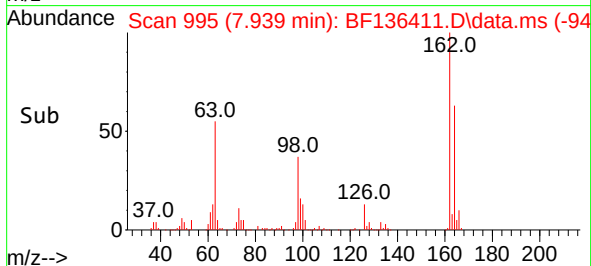
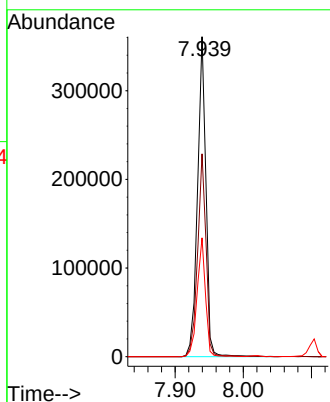
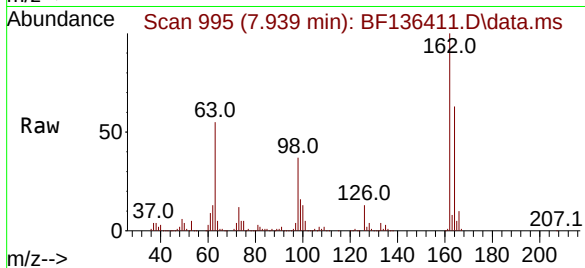
Ion	Ratio	Lower	Upper
162	100		
164	63.4	43.0	83.0
98	37.1	16.2	56.2

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 12/07/2023

Supervised By :mohammad ahmed 12/07/2023



#30

1,2,4-Trichlorobenzene

Concen: 41.938 ng

RT: 8.022 min Scan# 1009

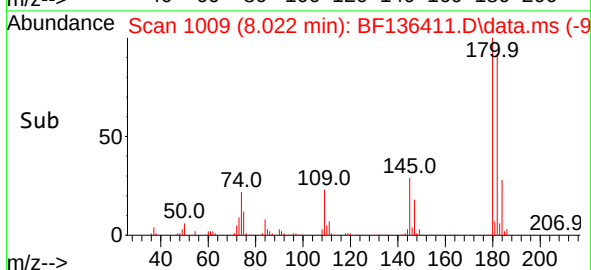
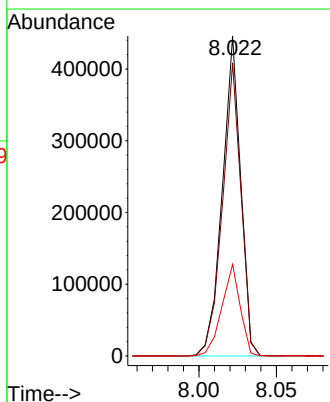
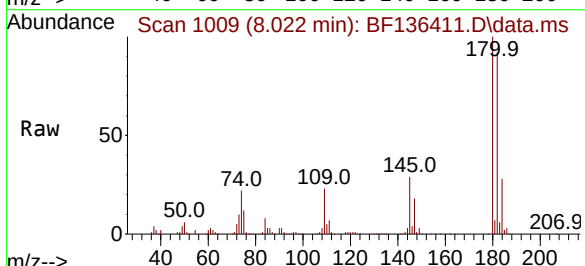
Delta R.T. -0.000 min

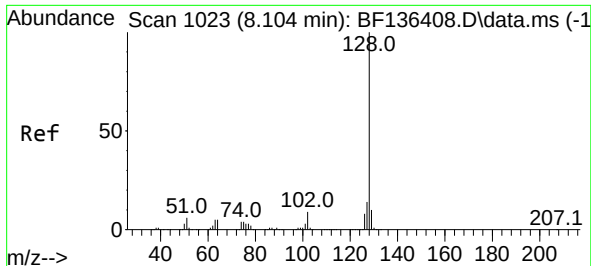
Lab File: BF136411.D

Acq: 05 Dec 2023 17:41

Tgt Ion:180 Resp: 367157

Ion	Ratio	Lower	Upper
180	100		
182	91.6	73.1	109.7
145	28.6	23.8	35.8





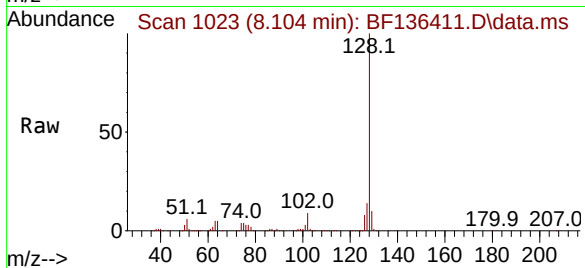
#31
Naphthalene
Concen: 40.977 ng
RT: 8.104 min Scan# 1023
Delta R.T. -0.000 min
Lab File: BF136411.D
Acq: 05 Dec 2023 17:41

Instrument :

BNA_F

ClientSampleId :

ICVBF120523



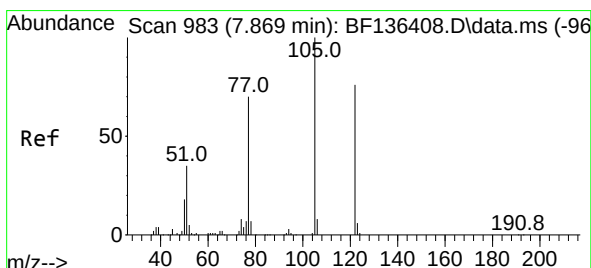
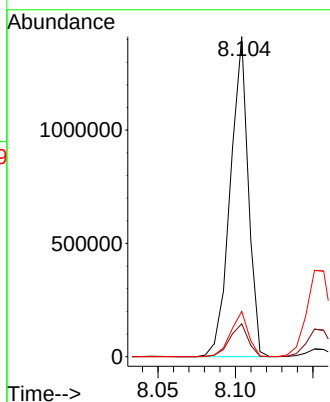
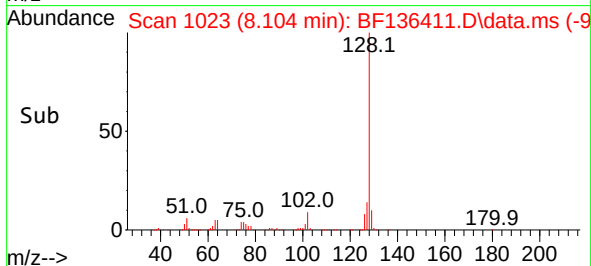
Tgt Ion:128 Resp: 1139474
Ion Ratio Lower Upper
128 100
129 10.3 8.3 12.5
127 14.2 11.1 16.7

Manual Integrations

APPROVED

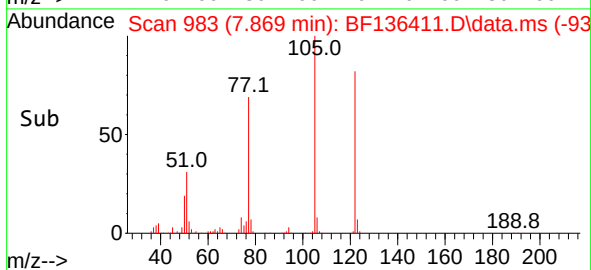
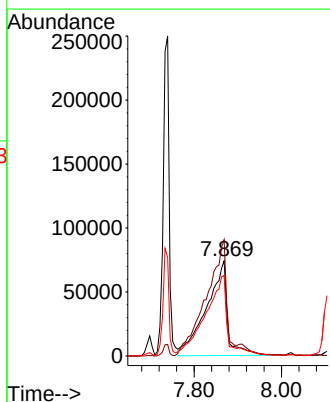
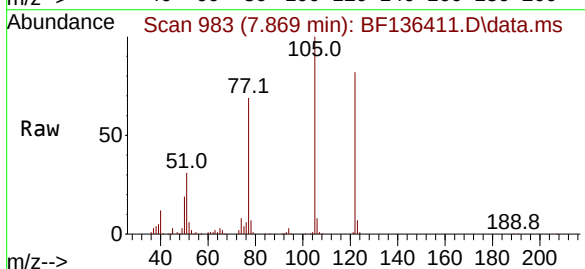
Reviewed By :Yogesh Patel 12/07/2023

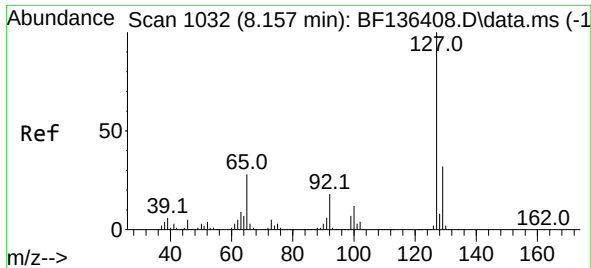
Supervised By :mohammad ahmed 12/07/2023



#32
Benzoic acid
Concen: 44.082 ng
RT: 7.869 min Scan# 983
Delta R.T. -0.000 min
Lab File: BF136411.D
Acq: 05 Dec 2023 17:41

Tgt Ion:122 Resp: 248742
Ion Ratio Lower Upper
122 100
105 122.4 104.7 144.7
77 84.6 68.5 108.5





#33
4-Chloroaniline
Concen: 41.447 ng
RT: 8.151 min Scan# 1032
Delta R.T. -0.006 min
Lab File: BF136411.D
Acq: 05 Dec 2023 17:41

Instrument :

BNA_F

ClientSampleId :

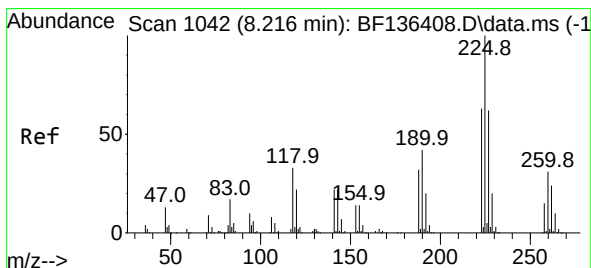
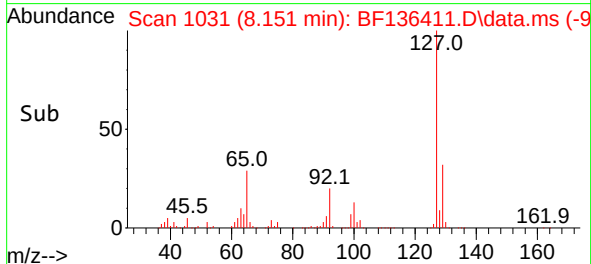
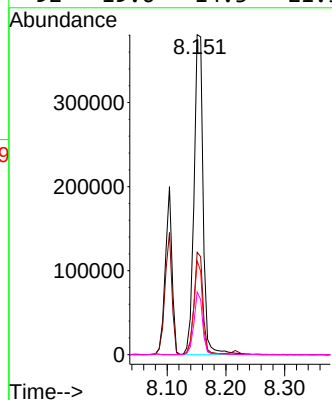
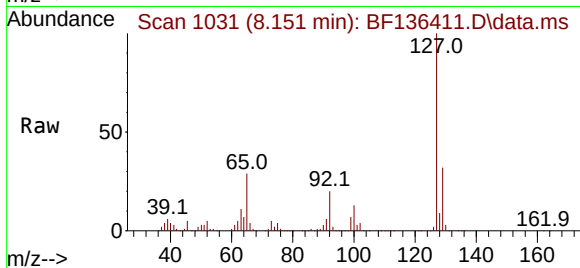
ICVBF120523

Tgt Ion:127 Resp: 41089
Ion Ratio Lower Upper
127 100
129 32.0 25.4 38.2
65 29.3 22.5 33.7
92 19.6 14.3 21.5

Manual Integrations

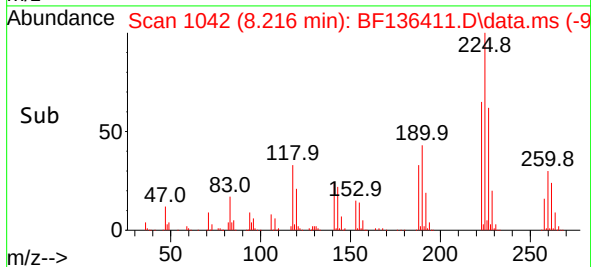
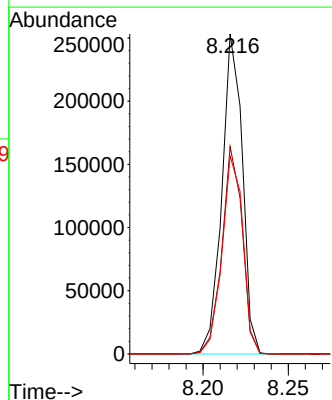
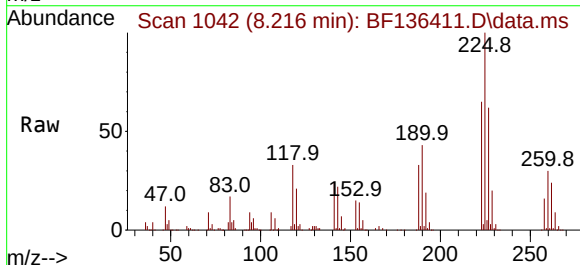
APPROVED

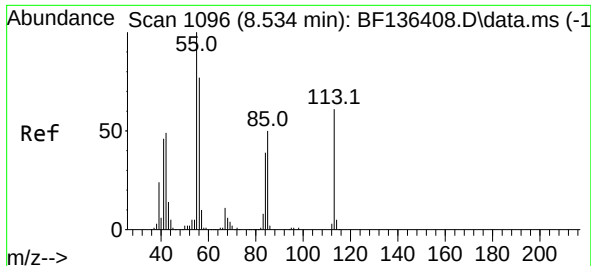
Reviewed By :Yogesh Patel 12/07/2023
Supervised By :mohammad ahmed 12/07/2023



#34
Hexachlorobutadiene
Concen: 40.751 ng
RT: 8.216 min Scan# 1042
Delta R.T. -0.000 min
Lab File: BF136411.D
Acq: 05 Dec 2023 17:41

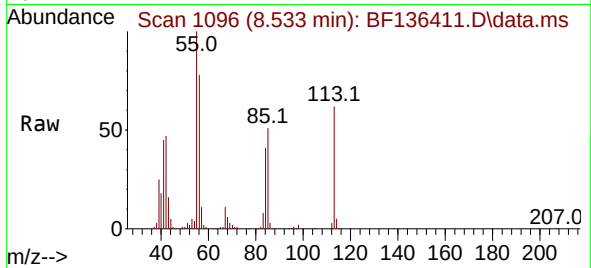
Tgt Ion:225 Resp: 211441
Ion Ratio Lower Upper
225 100
223 64.8 50.8 76.2
227 61.8 49.8 74.8





#35
 Caprolactam
 Concen: 41.026 ng
 RT: 8.533 min Scan# 1096
 Delta R.T. -0.000 min
 Lab File: BF136411.D
 Acq: 05 Dec 2023 17:41

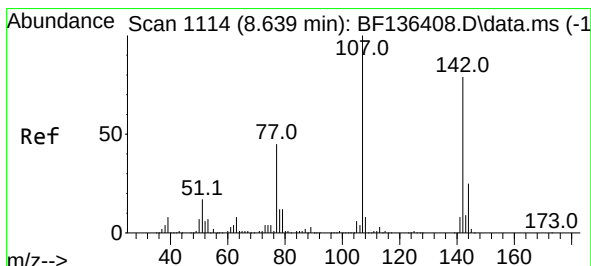
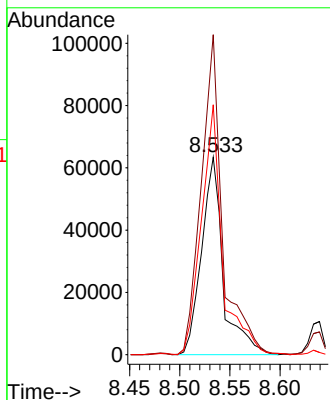
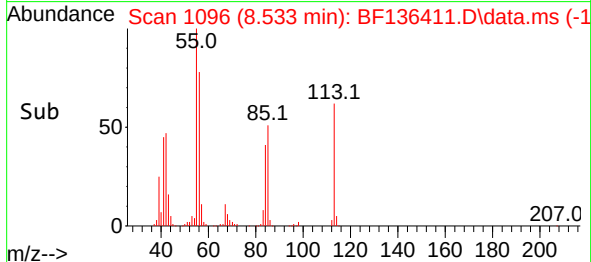
Instrument :
 BNA_F
 ClientSampleId :
 ICVBF120523



Tgt Ion:113 Resp: 9485
 Ion Ratio Lower Upper
 113 100
 55 162.1 143.7 183.7
 56 126.5 105.2 145.2

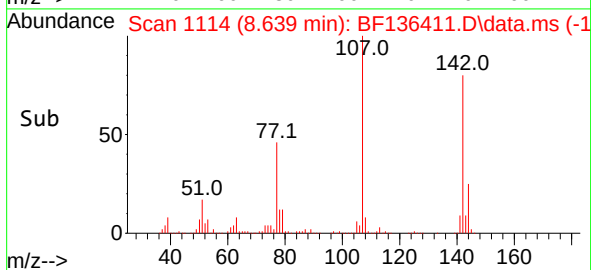
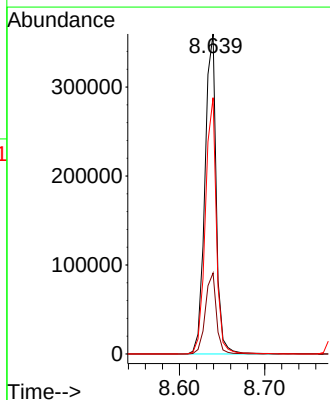
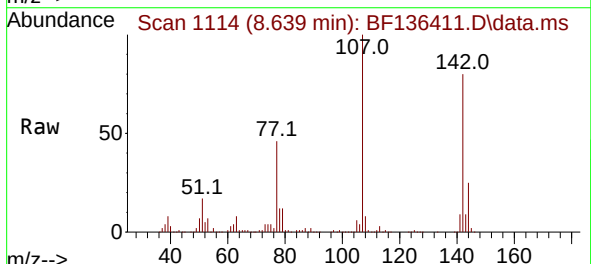
Manual Integrations
 APPROVED

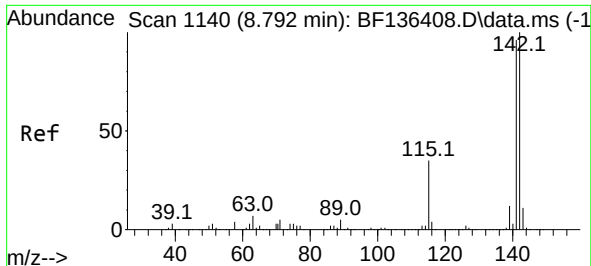
Reviewed By :Yogesh Patel 12/07/2023
 Supervised By :mohammad ahmed 12/07/2023



#36
 4-Chloro-3-methylphenol
 Concen: 41.498 ng
 RT: 8.639 min Scan# 1114
 Delta R.T. -0.000 min
 Lab File: BF136411.D
 Acq: 05 Dec 2023 17:41

Tgt Ion:107 Resp: 330822
 Ion Ratio Lower Upper
 107 100
 144 25.3 20.1 30.1
 142 80.1 63.1 94.7





#37

2-Methylnaphthalene

Concen: 41.228 ng

RT: 8.792 min Scan# 1140

Delta R.T. -0.000 min

Lab File: BF136411.D

Acq: 05 Dec 2023 17:41

Instrument :

BNA_F

ClientSampleId :

ICVBF120523

Tgt Ion:142 Resp: 729375

Ion Ratio Lower Upper

142 100

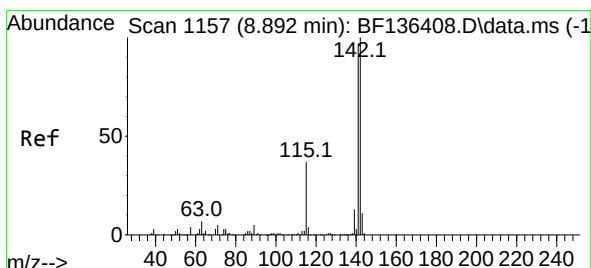
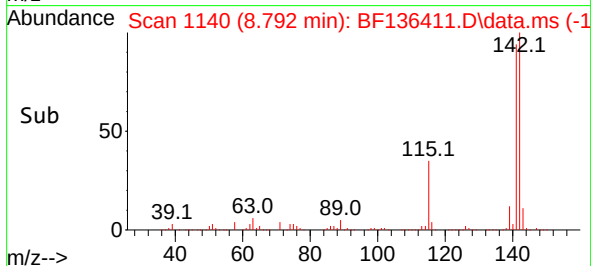
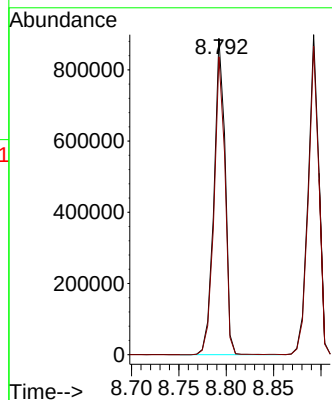
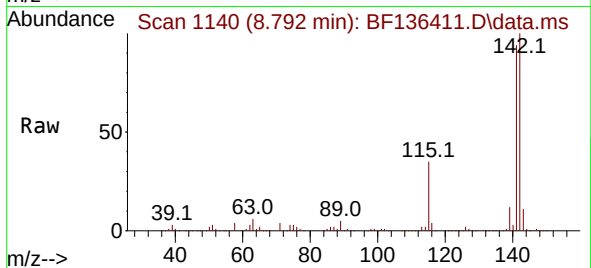
141 94.2 76.4 114.6

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 12/07/2023

Supervised By :mohammad ahmed 12/07/2023



#38

1-Methylnaphthalene

Concen: 41.041 ng

RT: 8.892 min Scan# 1157

Delta R.T. -0.000 min

Lab File: BF136411.D

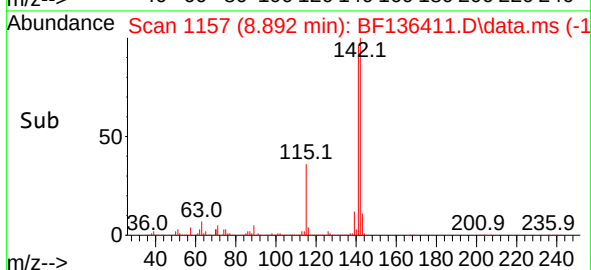
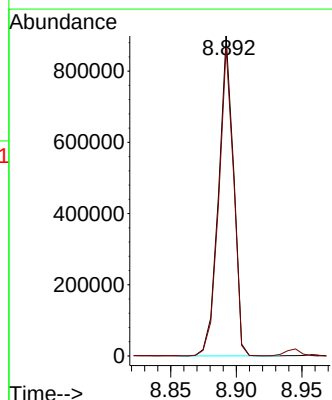
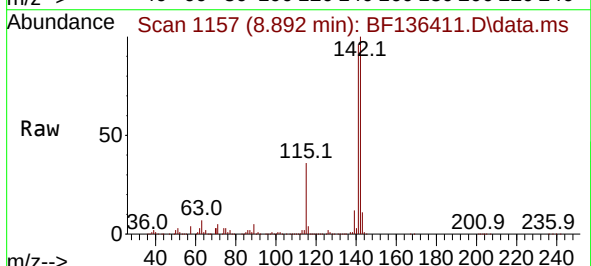
Acq: 05 Dec 2023 17:41

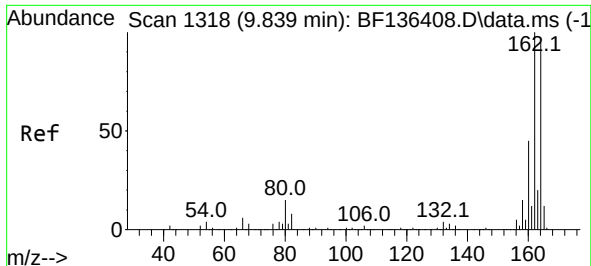
Tgt Ion:142 Resp: 712471

Ion Ratio Lower Upper

142 100

141 96.3 77.7 116.5





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.839 min Scan# 1118

Delta R.T. -0.000 min

Lab File: BF136411.D

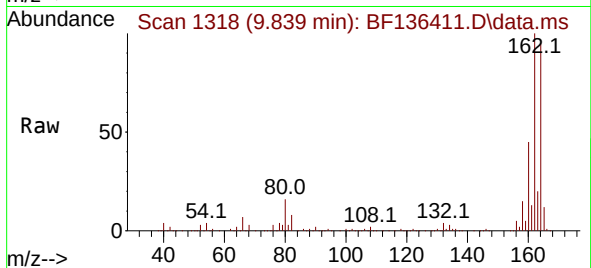
Acq: 05 Dec 2023 17:41

Instrument :

BNA_F

ClientSampleId :

ICVBF120523



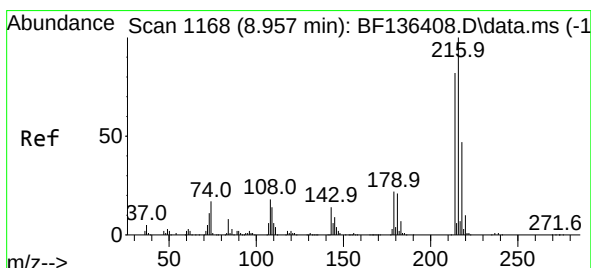
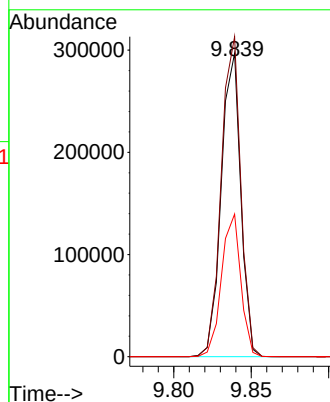
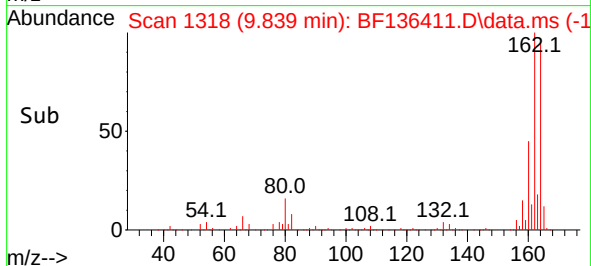
Tgt Ion:164	Resp: 259810
Ion Ratio	Lower Upper
164 100	
162 105.4	84.4 126.6
160 47.0	37.6 56.4

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 12/07/2023

Supervised By :mohammad ahmed 12/07/2023



#40

1,2,4,5-Tetrachlorobenzene

Concen: 42.351 ng

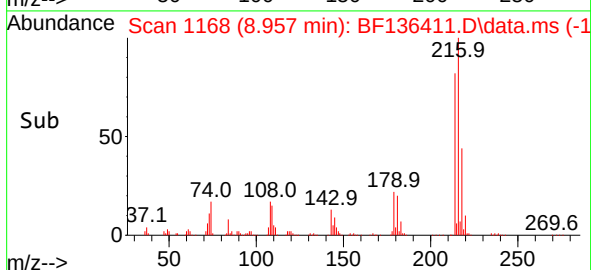
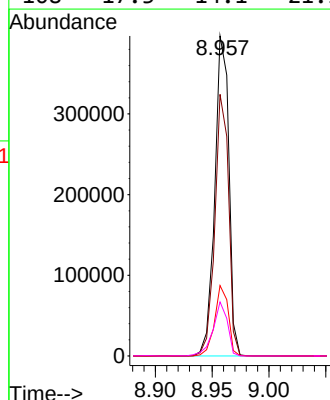
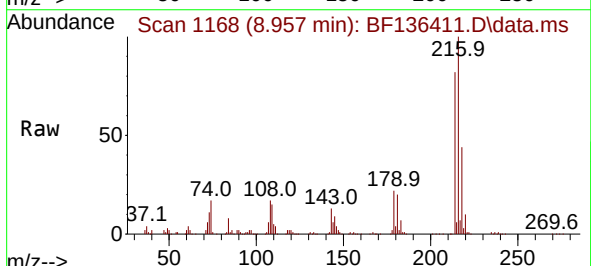
RT: 8.957 min Scan# 1168

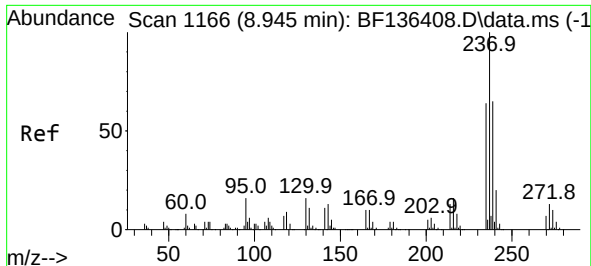
Delta R.T. -0.000 min

Lab File: BF136411.D

Acq: 05 Dec 2023 17:41

Tgt Ion:216	Resp: 342327
Ion Ratio	Lower Upper
216 100	
214 79.6	64.1 96.1
179 21.3	17.0 25.6
108 17.3	14.1 21.1





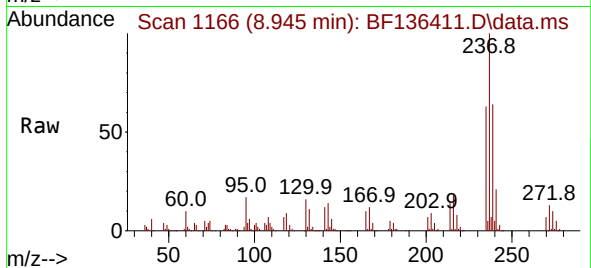
#41
Hexachlorocyclopentadiene
Concen: 42.399 ng
RT: 8.945 min Scan# 1166
Delta R.T. -0.000 min
Lab File: BF136411.D
Acq: 05 Dec 2023 17:41

Instrument :

BNA_F

ClientSampleId :

ICVBF120523

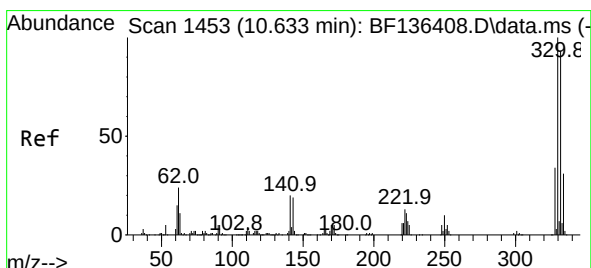
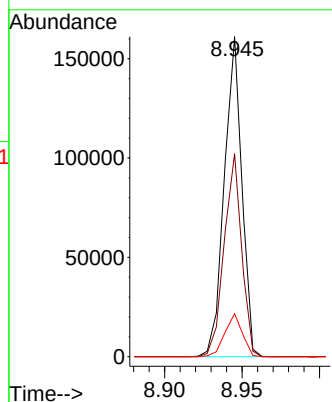
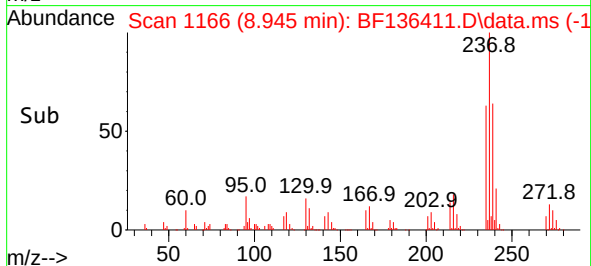


Tgt Ion:237 Resp: 126968
Ion Ratio Lower Upper
237 100
235 63.4 44.1 84.1
272 13.5 0.0 33.3

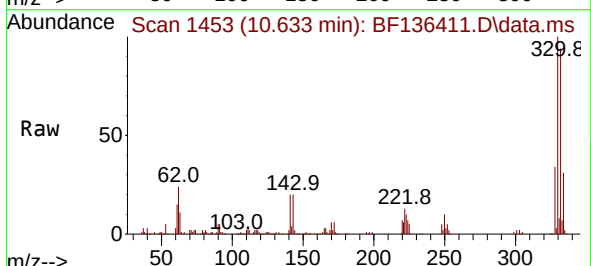
Manual Integrations

APPROVED

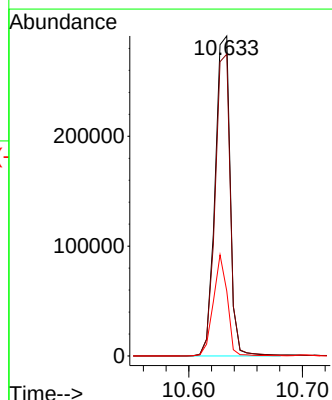
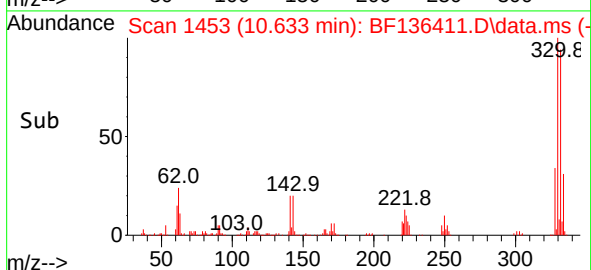
Reviewed By :Yogesh Patel 12/07/2023
Supervised By :mohammad ahmed 12/07/2023

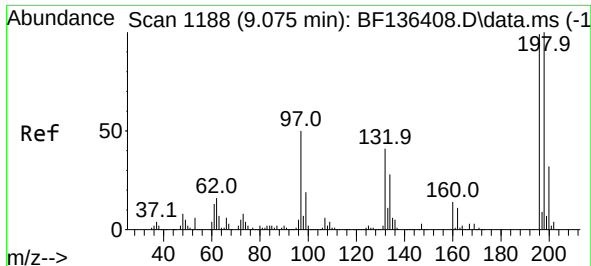


#42
2,4,6-Tribromophenol
Concen: 83.918 ng
RT: 10.633 min Scan# 1453
Delta R.T. -0.000 min
Lab File: BF136411.D
Acq: 05 Dec 2023 17:41



Tgt Ion:330 Resp: 268831
Ion Ratio Lower Upper
330 100
332 95.2 76.4 114.6
141 29.2 23.4 35.2





#43
2,4,6-Trichlorophenol
Concen: 42.831 ng
RT: 9.075 min Scan# 1188
Delta R.T. -0.000 min
Lab File: BF136411.D
Acq: 05 Dec 2023 17:41

Instrument :

BNA_F

ClientSampleId :

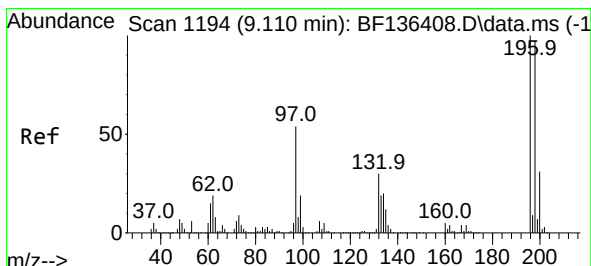
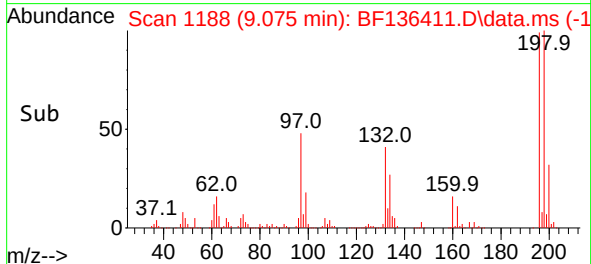
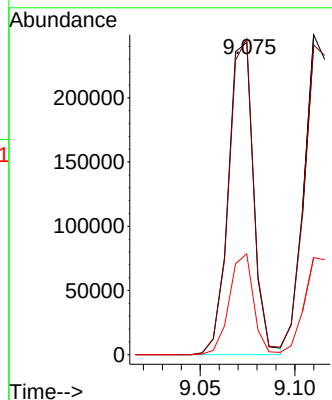
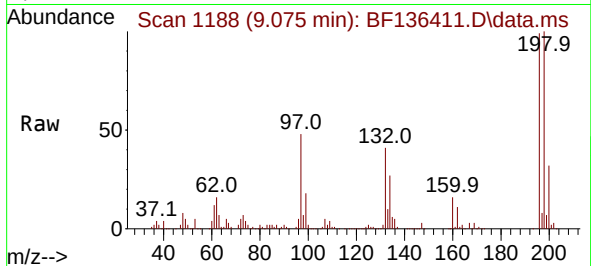
ICVBF120523

Tgt Ion:196 Resp: 225423
Ion Ratio Lower Upper
196 100
198 101.2 80.4 120.6
200 32.3 25.9 38.9

Manual Integrations

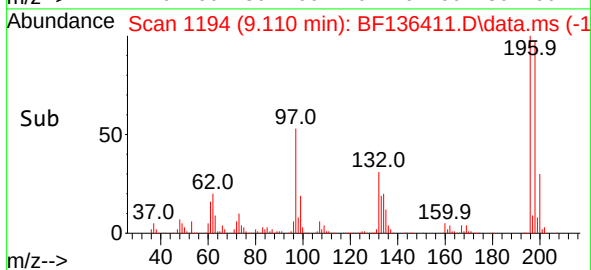
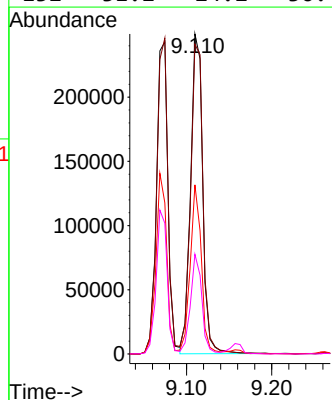
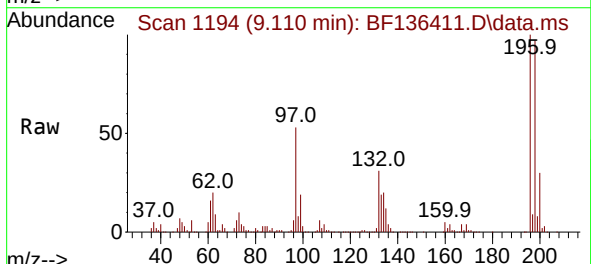
APPROVED

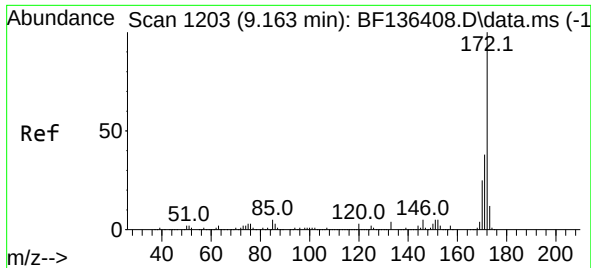
Reviewed By :Yogesh Patel 12/07/2023
Supervised By :mohammad ahmed 12/07/2023



#44
2,4,5-Trichlorophenol
Concen: 41.805 ng
RT: 9.110 min Scan# 1194
Delta R.T. -0.000 min
Lab File: BF136411.D
Acq: 05 Dec 2023 17:41

Tgt Ion:196 Resp: 245571
Ion Ratio Lower Upper
196 100
198 96.8 78.1 117.1
97 52.9 43.4 65.2
132 31.2 24.2 36.4





#45
2-Fluorobiphenyl
Concen: 83.118 ng
RT: 9.163 min Scan# 1203
Delta R.T. -0.000 min
Lab File: BF136411.D
Acq: 05 Dec 2023 17:41

Instrument :

BNA_F

ClientSampleId :

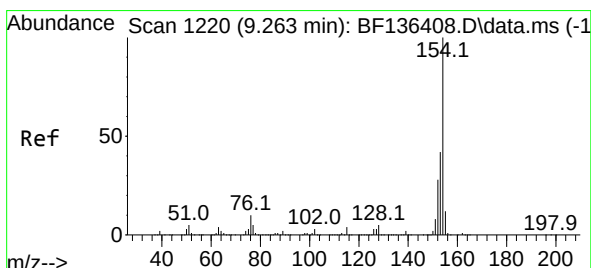
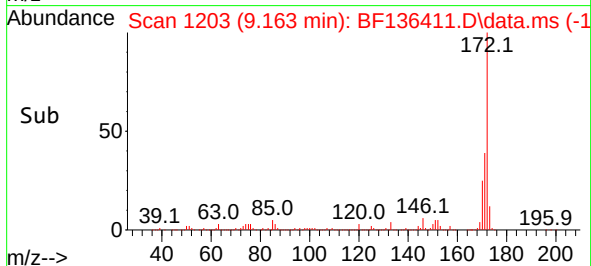
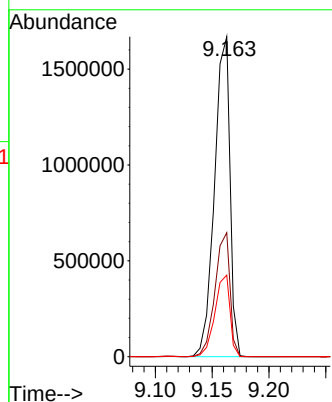
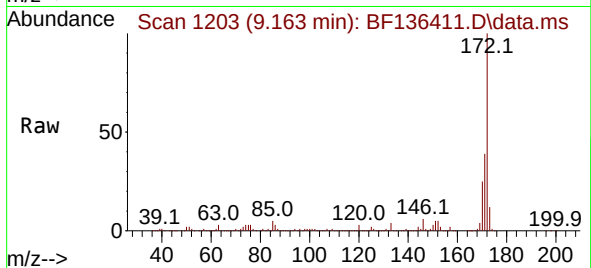
ICVBF120523

Tgt Ion:172 Resp: 1582618
Ion Ratio Lower Upper
172 100
171 38.8 30.5 45.7
170 25.5 19.9 29.9

Manual Integrations

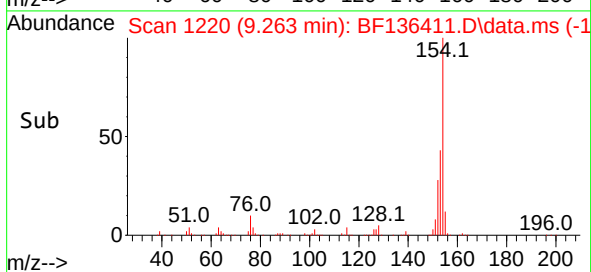
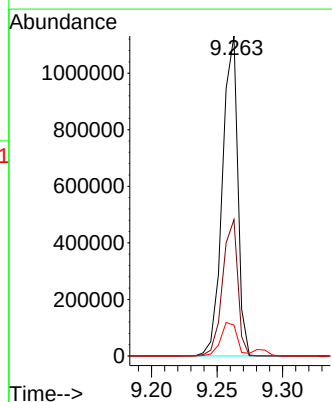
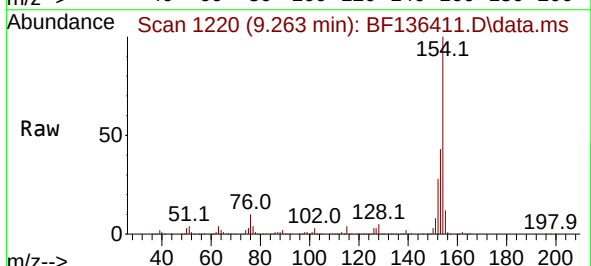
APPROVED

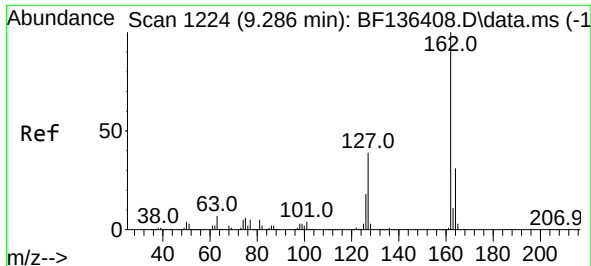
Reviewed By :Yogesh Patel 12/07/2023
Supervised By :mohammad ahmed 12/07/2023



#46
1,1'-Biphenyl
Concen: 41.474 ng
RT: 9.263 min Scan# 1220
Delta R.T. -0.000 min
Lab File: BF136411.D
Acq: 05 Dec 2023 17:41

Tgt Ion:154 Resp: 916878
Ion Ratio Lower Upper
154 100
153 42.6 22.5 62.5
76 9.7 0.0 29.9





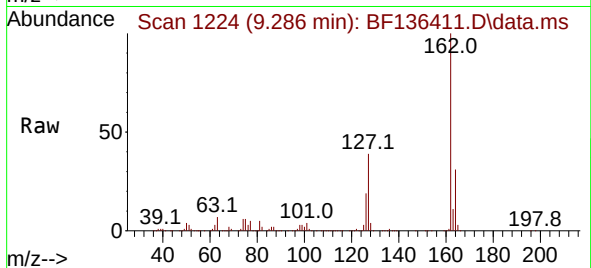
#47
2-Chloronaphthalene
Concen: 41.707 ng
RT: 9.286 min Scan# 1224
Delta R.T. -0.000 min
Lab File: BF136411.D
Acq: 05 Dec 2023 17:41

Instrument :

BNA_F

ClientSampleId :

ICVBF120523

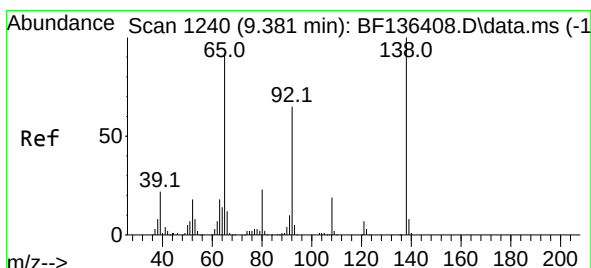
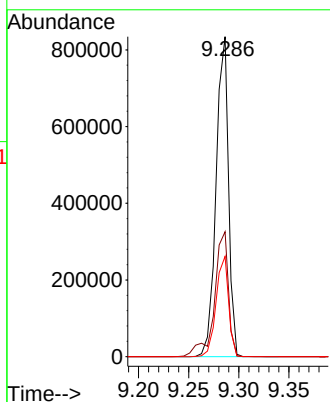
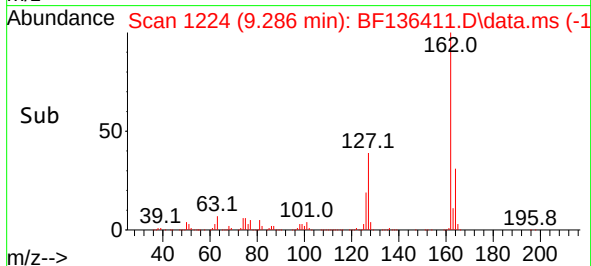


Tgt Ion:162 Resp: 717630
Ion Ratio Lower Upper
162 100
127 39.1 31.1 46.7
164 31.3 24.6 37.0

Manual Integrations

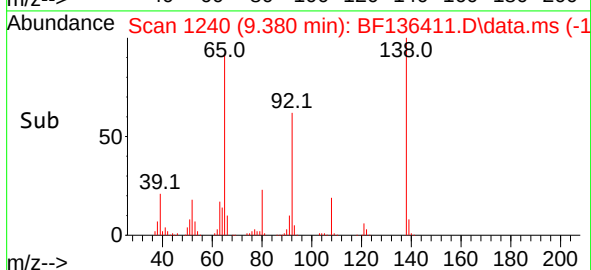
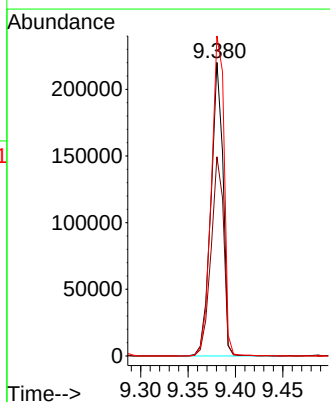
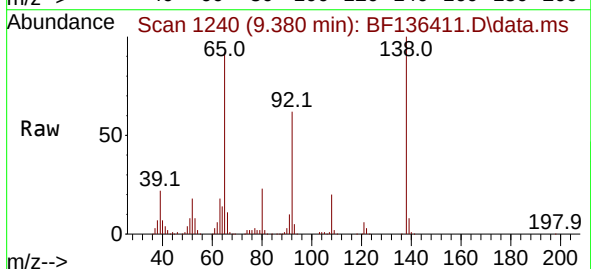
APPROVED

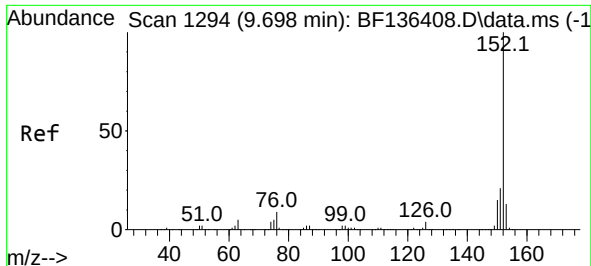
Reviewed By :Yogesh Patel 12/07/2023
Supervised By :mohammad ahmed 12/07/2023



#48
2-Nitroaniline
Concen: 42.269 ng
RT: 9.380 min Scan# 1240
Delta R.T. -0.000 min
Lab File: BF136411.D
Acq: 05 Dec 2023 17:41

Tgt Ion: 65 Resp: 195064
Ion Ratio Lower Upper
65 100
92 67.9 56.1 84.1
138 109.0 86.7 130.1





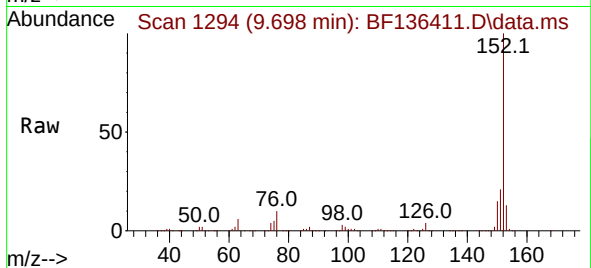
#49
Acenaphthylene
Concen: 42.093 ng
RT: 9.698 min Scan# 1294
Delta R.T. -0.000 min
Lab File: BF136411.D
Acq: 05 Dec 2023 17:41

Instrument :

BNA_F

ClientSampleId :

ICVBF120523

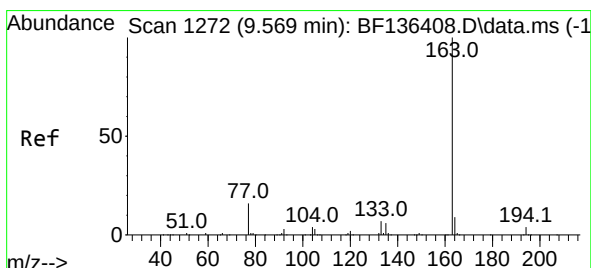
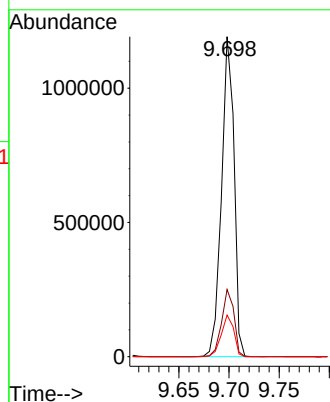
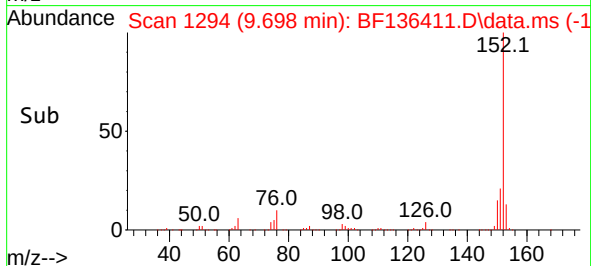


Tgt Ion:152 Resp: 103175
Ion Ratio Lower Upper
152 100
151 21.0 17.2 25.8
153 13.0 10.6 15.8

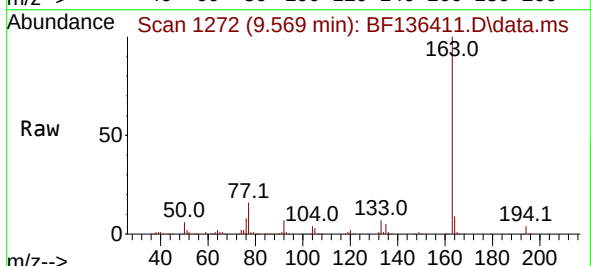
Manual Integrations

APPROVED

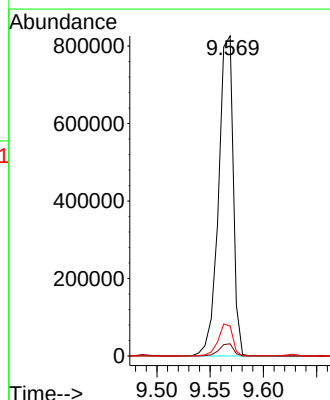
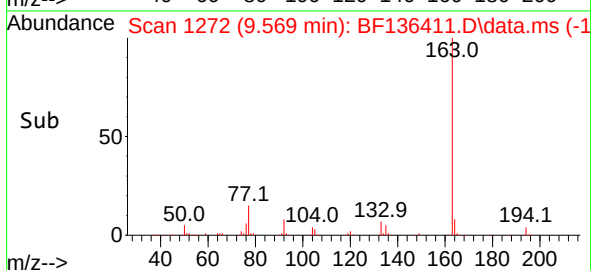
Reviewed By :Yogesh Patel 12/07/2023
Supervised By :mohammad ahmed 12/07/2023

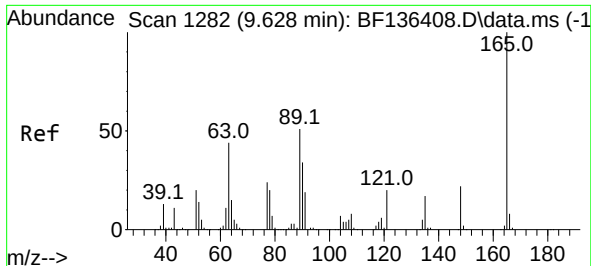


#50
Dimethylphthalate
Concen: 41.177 ng
RT: 9.569 min Scan# 1272
Delta R.T. -0.000 min
Lab File: BF136411.D
Acq: 05 Dec 2023 17:41



Tgt Ion:163 Resp: 787628
Ion Ratio Lower Upper
163 100
194 3.8 3.0 4.6
164 9.4 7.4 11.2





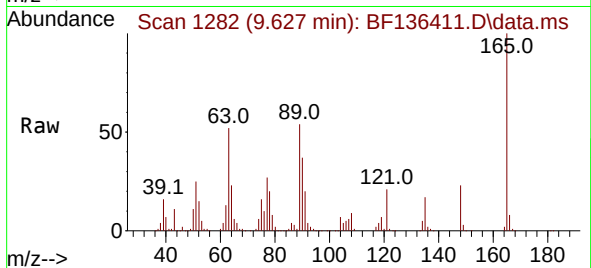
#51
2,6-Dinitrotoluene
Concen: 41.876 ng
RT: 9.627 min Scan# 1282
Delta R.T. -0.000 min
Lab File: BF136411.D
Acq: 05 Dec 2023 17:41

Instrument :

BNA_F

ClientSampleId :

ICVBF120523

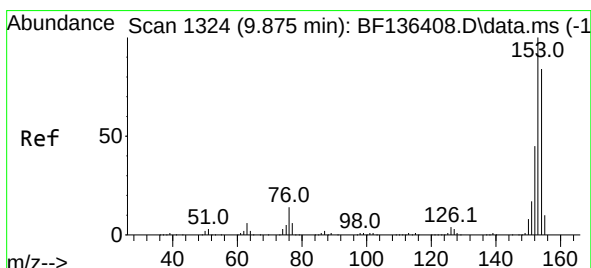
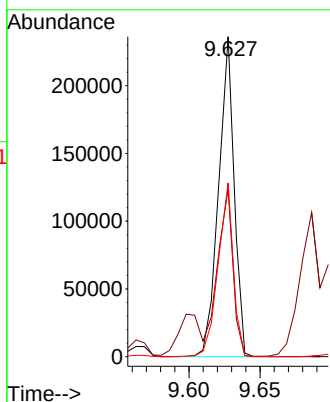
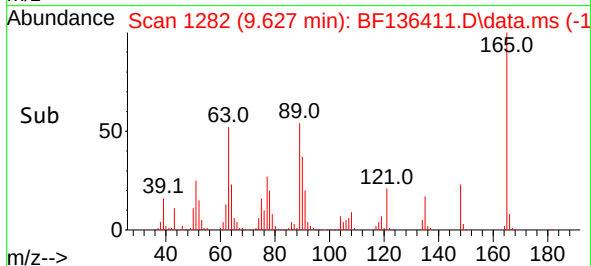


Tgt Ion:165 Resp: 180205
Ion Ratio Lower Upper
165 100
63 52.4 40.4 60.6
89 54.3 40.6 60.8

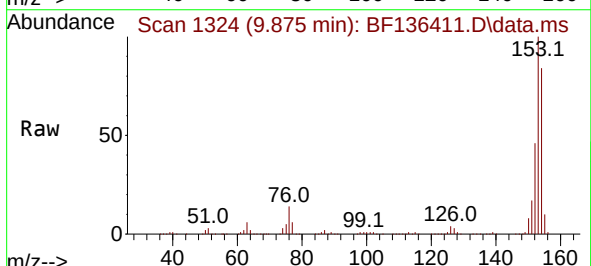
Manual Integrations

APPROVED

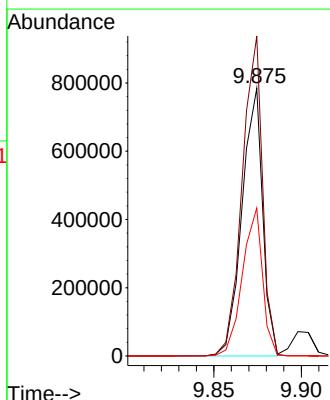
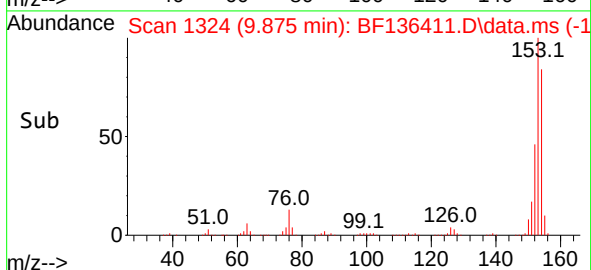
Reviewed By :Yogesh Patel 12/07/2023
Supervised By :mohammad ahmed 12/07/2023

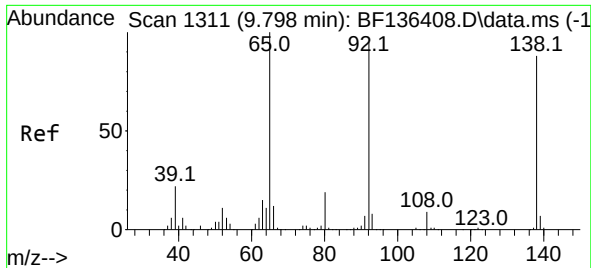


#52
Acenaphthene
Concen: 41.095 ng m
RT: 9.875 min Scan# 1324
Delta R.T. -0.000 min
Lab File: BF136411.D
Acq: 05 Dec 2023 17:41



Tgt Ion:154 Resp: 645480
Ion Ratio Lower Upper
154 100
153 119.5 95.3 142.9
152 55.3 43.2 64.8





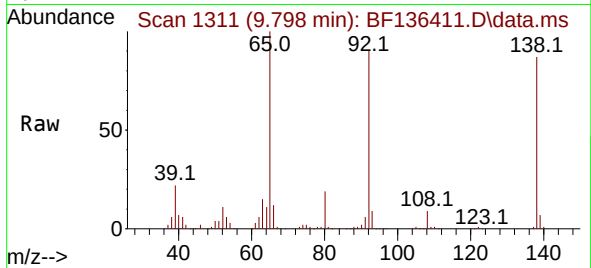
#53
3-Nitroaniline
Concen: 42.325 ng
RT: 9.798 min Scan# 1311
Delta R.T. -0.000 min
Lab File: BF136411.D
Acq: 05 Dec 2023 17:41

Instrument :

BNA_F

ClientSampleId :

ICVBF120523

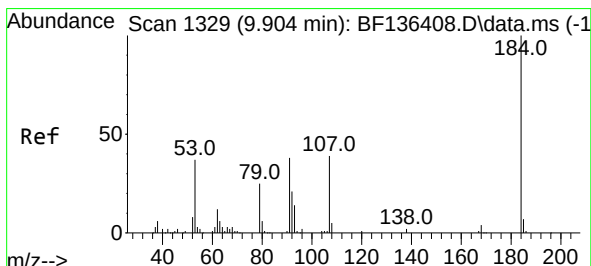
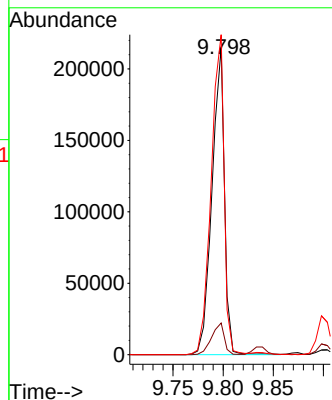
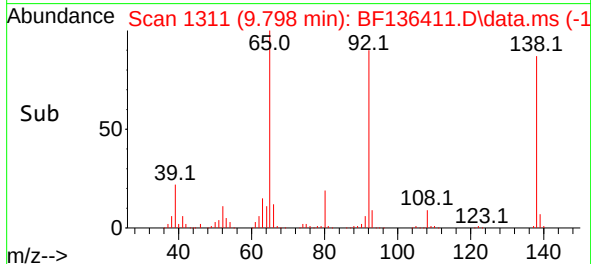


Tgt Ion:138 Resp: 185992
Ion Ratio Lower Upper
138 100
108 10.3 8.5 12.7
92 104.2 86.1 129.1

Manual Integrations

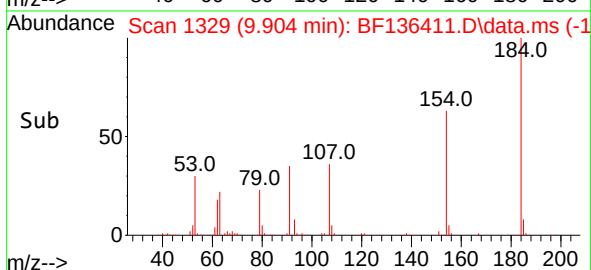
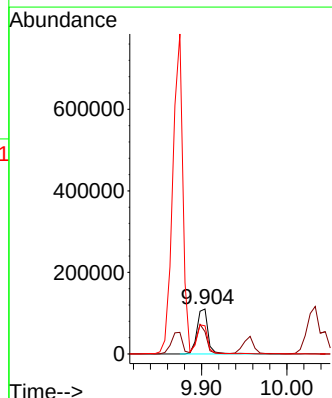
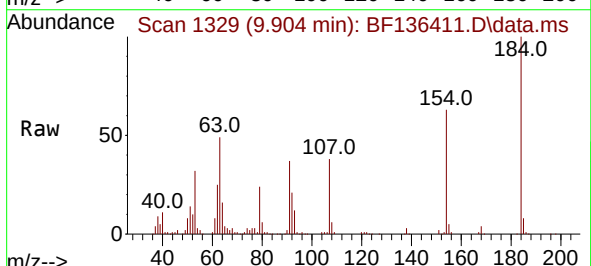
APPROVED

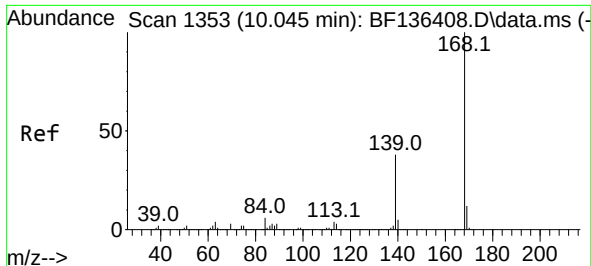
Reviewed By :Yogesh Patel 12/07/2023
Supervised By :mohammad ahmed 12/07/2023



#54
2,4-Dinitrophenol
Concen: 46.019 ng
RT: 9.904 min Scan# 1329
Delta R.T. -0.000 min
Lab File: BF136411.D
Acq: 05 Dec 2023 17:41

Tgt Ion:184 Resp: 100126
Ion Ratio Lower Upper
184 100
63 49.5 39.1 58.7
154 62.5 49.9 74.9





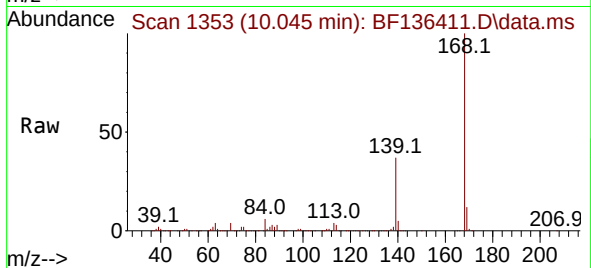
#55
Dibenzofuran
Concen: 41.400 ng
RT: 10.045 min Scan# 1353
Delta R.T. -0.000 min
Lab File: BF136411.D
Acq: 05 Dec 2023 17:41

Instrument :

BNA_F

ClientSampleId :

ICVBF120523

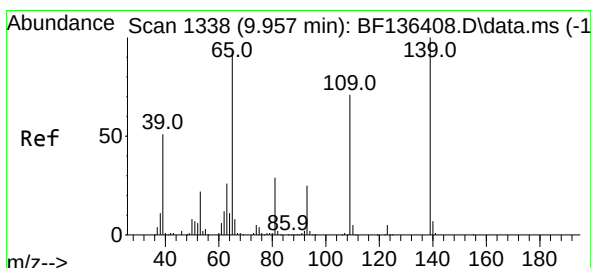
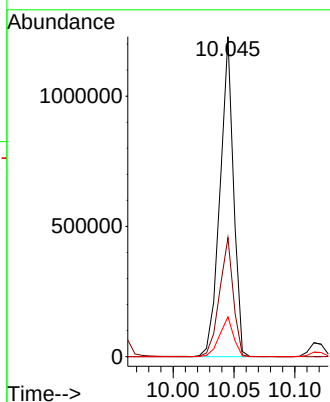
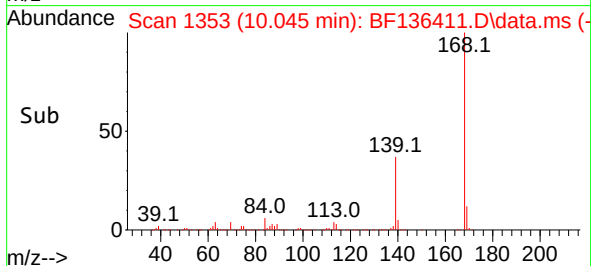


Tgt Ion:168 Resp: 94995
Ion Ratio Lower Upper
168 100
139 37.2 30.4 45.6
169 12.4 9.9 14.9

Manual Integrations

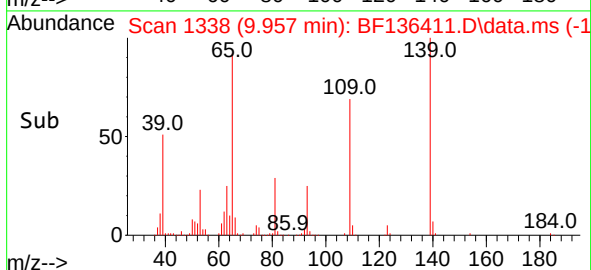
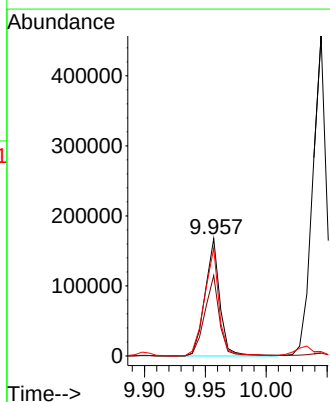
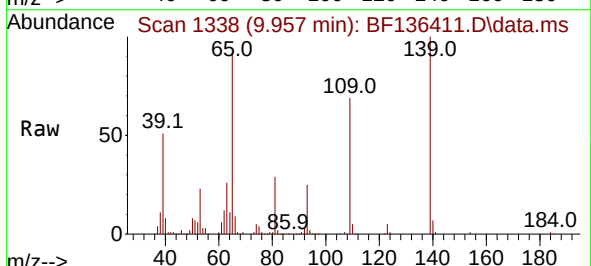
APPROVED

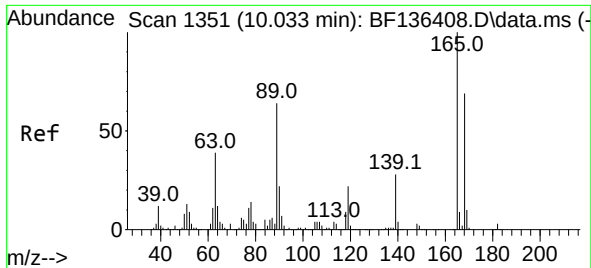
Reviewed By :Yogesh Patel 12/07/2023
Supervised By :mohammad ahmed 12/07/2023



#56
4-Nitrophenol
Concen: 42.889 ng
RT: 9.957 min Scan# 1338
Delta R.T. -0.000 min
Lab File: BF136411.D
Acq: 05 Dec 2023 17:41

Tgt Ion:139 Resp: 141286
Ion Ratio Lower Upper
139 100
109 68.6 50.6 90.6
65 91.8 73.1 113.1





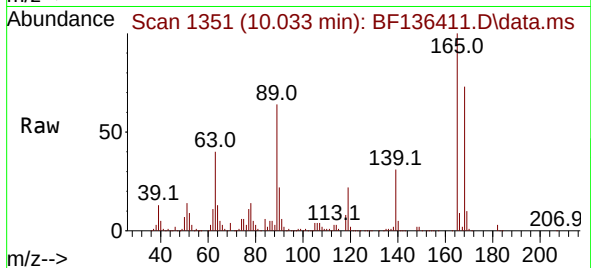
#57
2,4-Dinitrotoluene
Concen: 42.809 ng
RT: 10.033 min Scan# 1351
Delta R.T. -0.000 min
Lab File: BF136411.D
Acq: 05 Dec 2023 17:41

Instrument :

BNA_F

ClientSampleId :

ICVBF120523

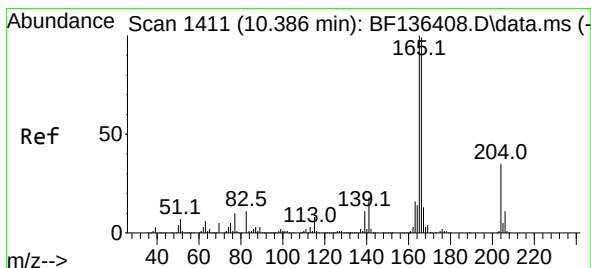
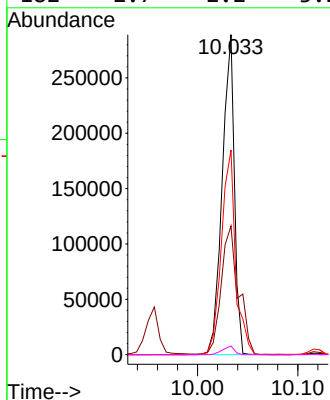
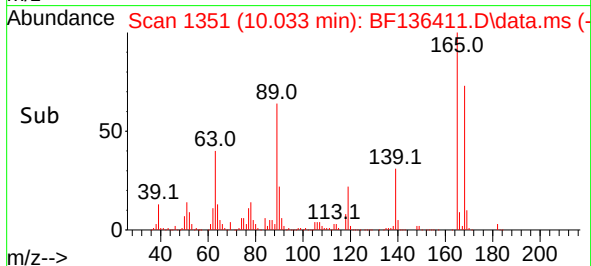


Tgt Ion:165 Resp: 24370
Ion Ratio Lower Upper
165 100
63 40.3 31.4 47.2
89 64.0 51.7 77.5
182 2.7 2.2 3.2

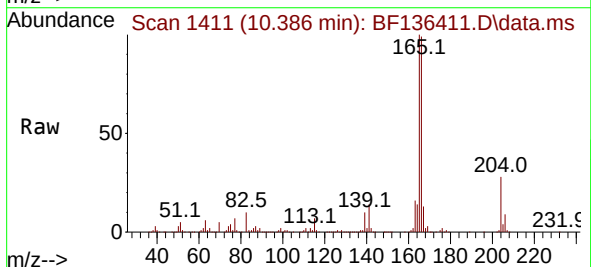
Manual Integrations

APPROVED

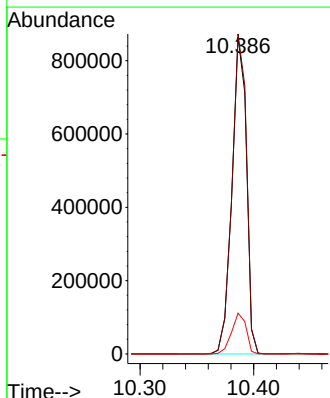
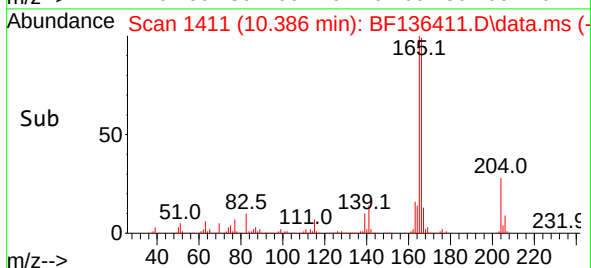
Reviewed By :Yogesh Patel 12/07/2023
Supervised By :mohammad ahmed 12/07/2023

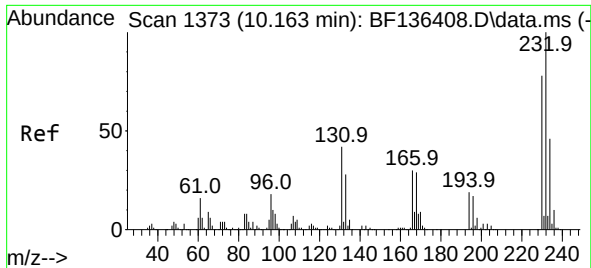


#58
Fluorene
Concen: 41.453 ng
RT: 10.386 min Scan# 1411
Delta R.T. -0.000 min
Lab File: BF136411.D
Acq: 05 Dec 2023 17:41



Tgt Ion:166 Resp: 763536
Ion Ratio Lower Upper
166 100
165 101.0 80.5 120.7
167 12.9 10.5 15.7





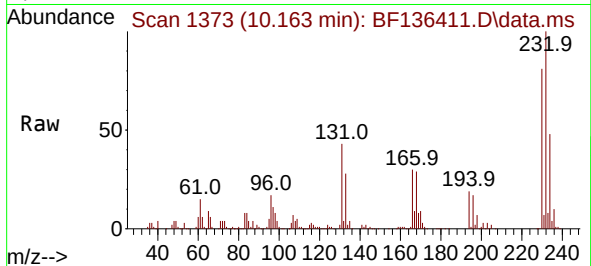
#59
2,3,4,6-Tetrachlorophenol
Concen: 41.544 ng
RT: 10.163 min Scan# 1373
Delta R.T. -0.000 min
Lab File: BF136411.D
Acq: 05 Dec 2023 17:41

Instrument :

BNA_F

ClientSampleId :

ICVBF120523

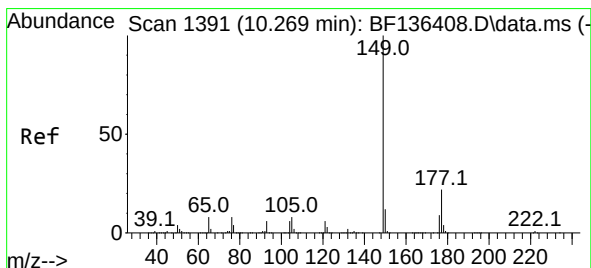
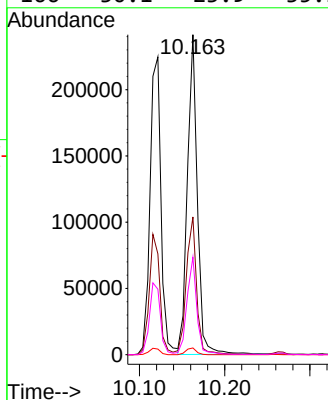
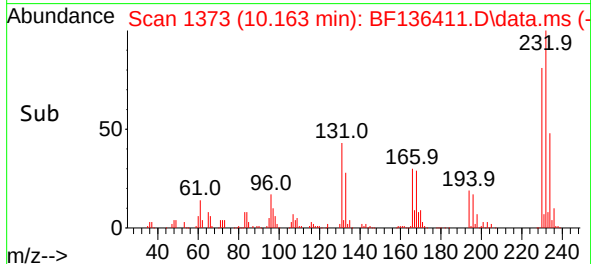


Tgt Ion:232 Resp: 19547
Ion Ratio Lower Upper
232 100
131 44.5 34.3 51.5
130 2.2 1.6 2.4
166 30.1 23.9 35.9

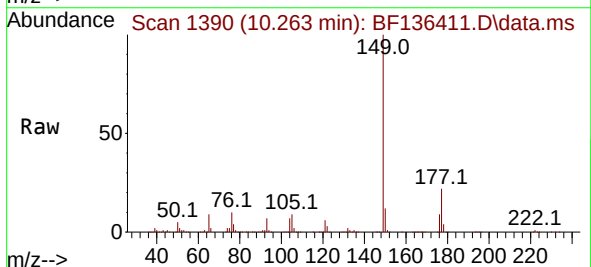
Manual Integrations

APPROVED

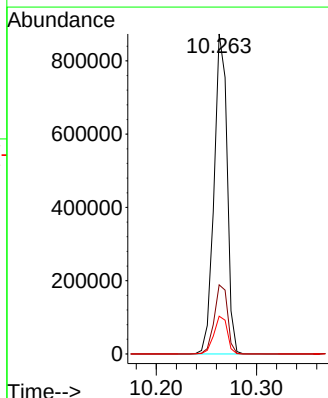
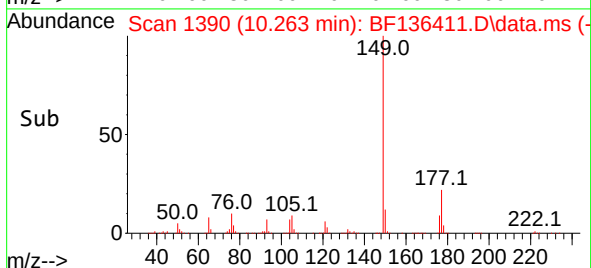
Reviewed By :Yogesh Patel 12/07/2023
Supervised By :mohammad ahmed 12/07/2023

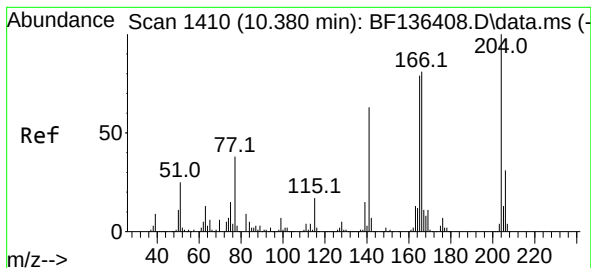


#60
Diethylphthalate
Concen: 41.871 ng
RT: 10.263 min Scan# 1390
Delta R.T. -0.006 min
Lab File: BF136411.D
Acq: 05 Dec 2023 17:41



Tgt Ion:149 Resp: 787554
Ion Ratio Lower Upper
149 100
177 21.6 17.8 26.8
150 11.8 9.4 14.0





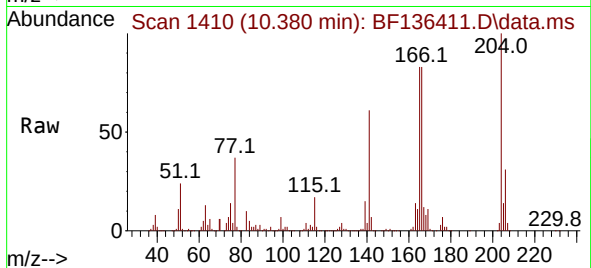
#61
4-Chlorophenyl-phenylether
Concen: 41.164 ng
RT: 10.380 min Scan# 1410
Delta R.T. -0.000 min
Lab File: BF136411.D
Acq: 05 Dec 2023 17:41

Instrument :

BNA_F

ClientSampleId :

ICVBF120523

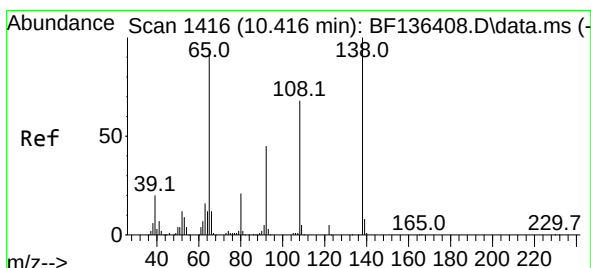
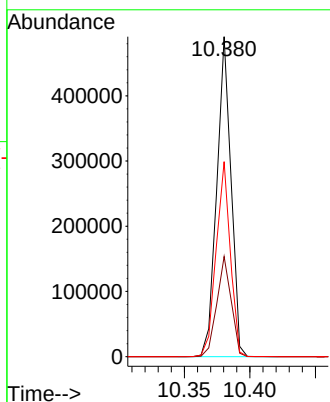
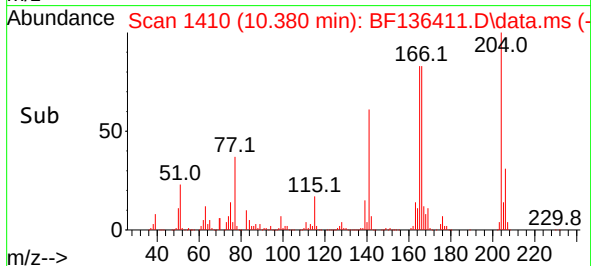


Tgt Ion:204 Resp: 369620
Ion Ratio Lower Upper
204 100
206 31.3 24.6 36.8
141 60.9 50.3 75.5

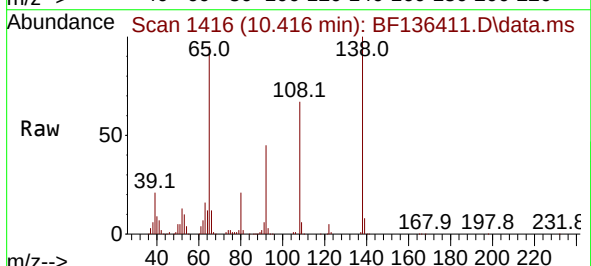
Manual Integrations

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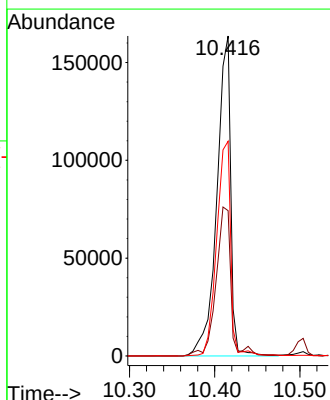
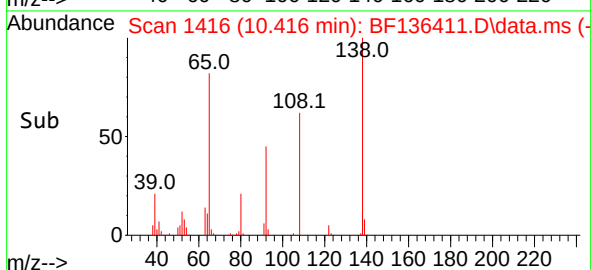
Reviewed By :Yogesh Patel 12/07/2023
Supervised By :mohammad ahmed 12/07/2023

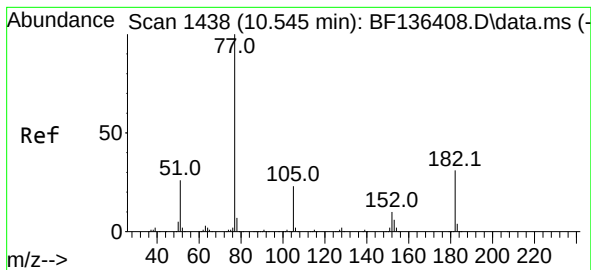


#62
4-Nitroaniline
Concen: 42.445 ng
RT: 10.416 min Scan# 1416
Delta R.T. -0.000 min
Lab File: BF136411.D
Acq: 05 Dec 2023 17:41



Tgt Ion:138 Resp: 185206
Ion Ratio Lower Upper
138 100
92 45.4 25.0 65.0
108 67.1 47.9 87.9





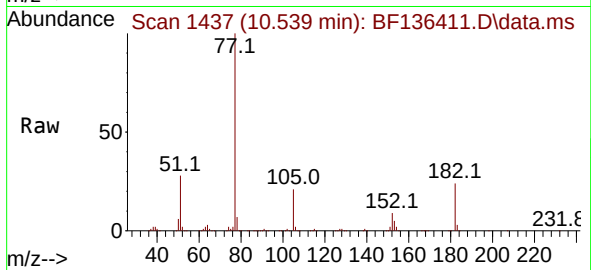
#63
Azobenzene
Concen: 41.388 ng
RT: 10.539 min Scan# 1437
Delta R.T. -0.006 min
Lab File: BF136411.D
Acq: 05 Dec 2023 17:41

Instrument :

BNA_F

ClientSampleId :

ICVBF120523

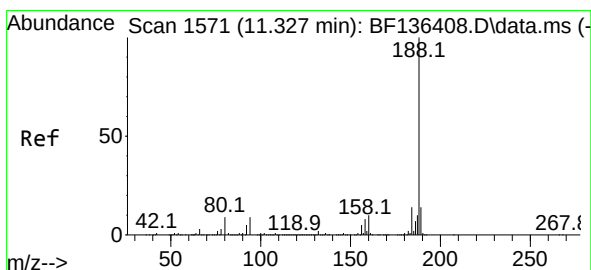
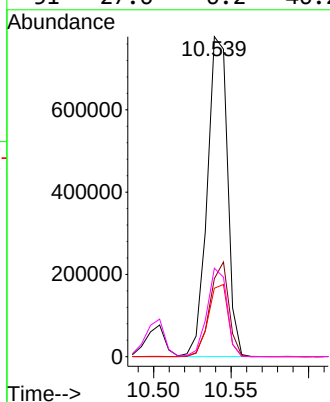
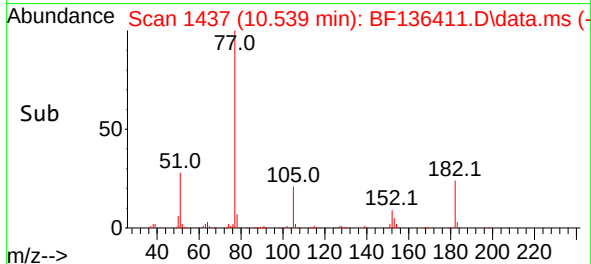


Tgt Ion: 77 Resp: 70856
Ion Ratio Lower Upper
77 100
182 24.4 10.8 50.8
105 21.4 2.6 42.6
51 27.6 6.2 46.2

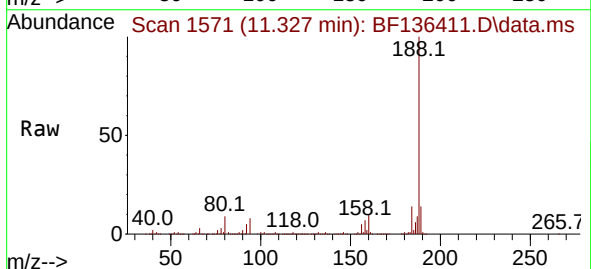
Manual Integrations

APPROVED

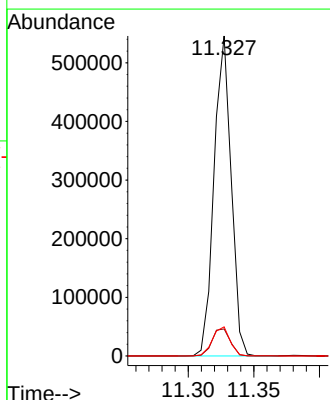
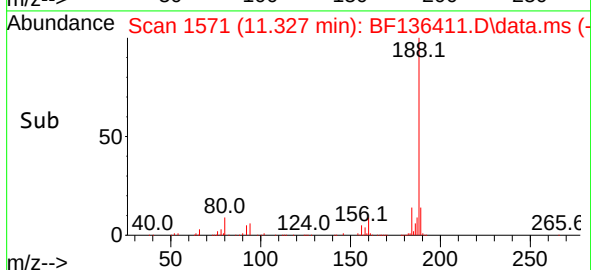
Reviewed By :Yogesh Patel 12/07/2023
Supervised By :mohammad ahmed 12/07/2023

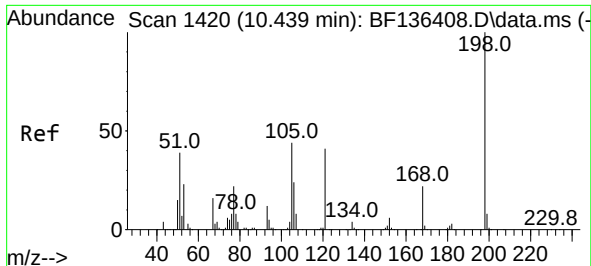


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.327 min Scan# 1571
Delta R.T. -0.000 min
Lab File: BF136411.D
Acq: 05 Dec 2023 17:41



Tgt Ion:188 Resp: 494232
Ion Ratio Lower Upper
188 100
94 8.4 7.2 10.8
80 9.1 7.2 10.8





#65
4,6-Dinitro-2-methylphenol
Concen: 45.220 ng
RT: 10.439 min Scan# 1420
Delta R.T. -0.000 min
Lab File: BF136411.D
Acq: 05 Dec 2023 17:41

Instrument :

BNA_F

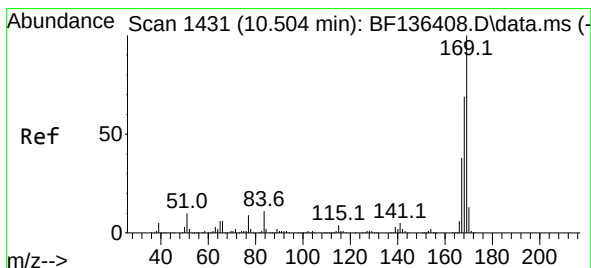
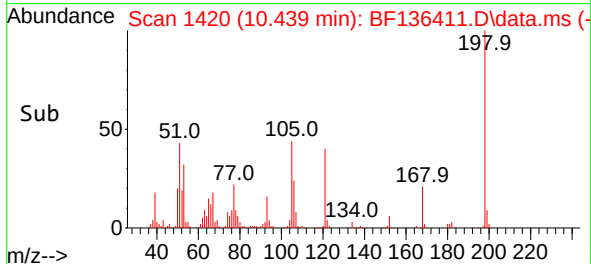
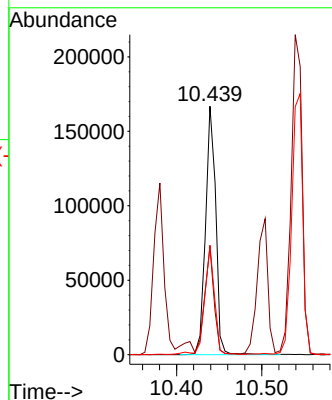
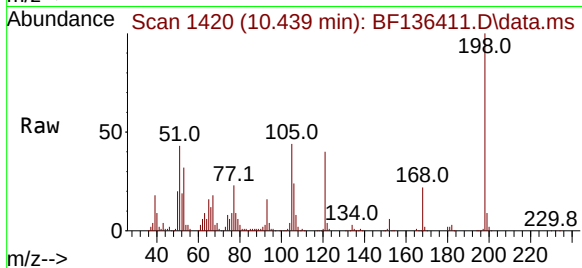
ClientSampleId :

ICVBF120523

Tgt Ion:198 Resp: 13841
Ion Ratio Lower Upper
198 100
51 43.5 24.1 64.1
105 44.0 24.8 64.8

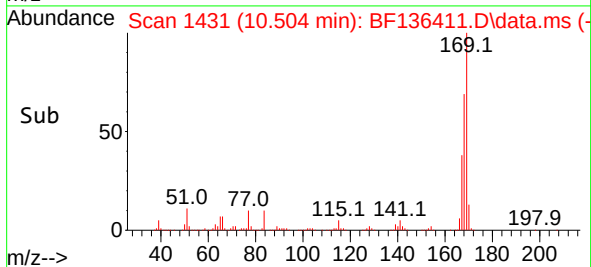
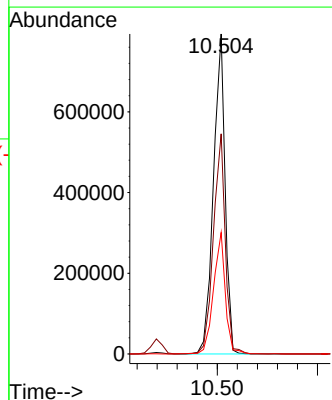
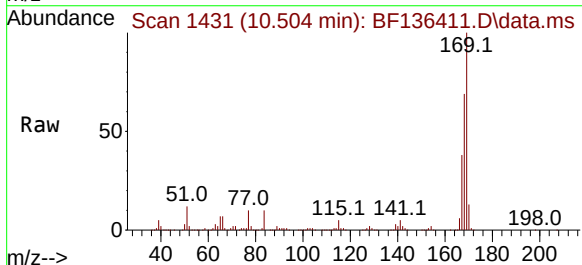
Manual Integrations
APPROVED

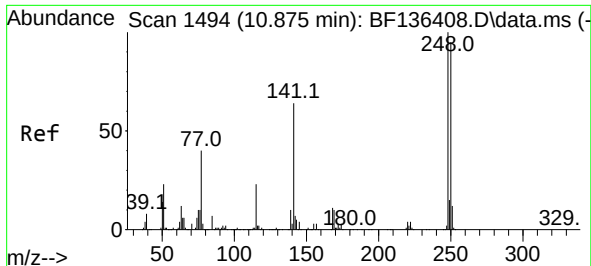
Reviewed By :Yogesh Patel 12/07/2023
Supervised By :mohammad ahmed 12/07/2023



#66
n-Nitrosodiphenylamine
Concen: 40.381 ng
RT: 10.504 min Scan# 1431
Delta R.T. -0.000 min
Lab File: BF136411.D
Acq: 05 Dec 2023 17:41

Tgt Ion:169 Resp: 640397
Ion Ratio Lower Upper
169 100
168 68.8 55.3 82.9
167 37.9 30.1 45.1





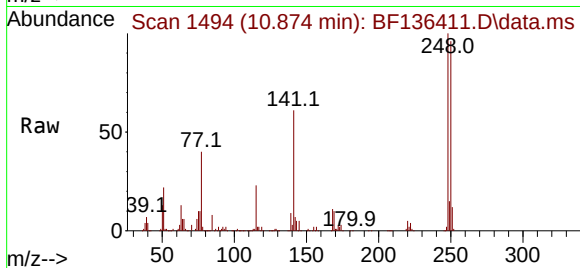
#67
4-Bromophenyl-phenylether
Concen: 40.924 ng
RT: 10.874 min Scan# 1494
Delta R.T. -0.000 min
Lab File: BF136411.D
Acq: 05 Dec 2023 17:41

Instrument :

BNA_F

ClientSampleId :

ICVBF120523

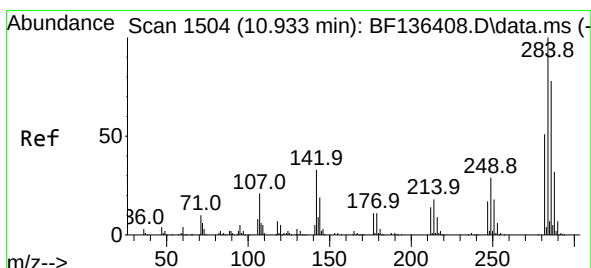
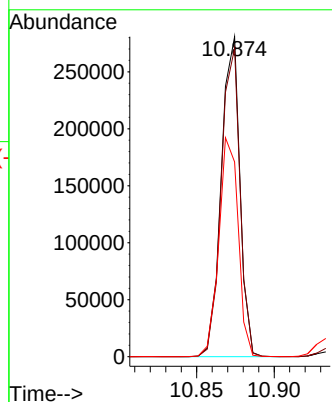
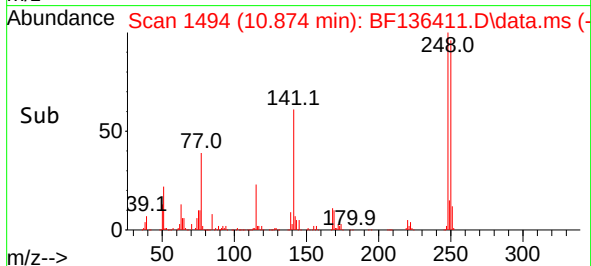


Tgt Ion:248 Resp: 235159
Ion Ratio Lower Upper
248 100
250 96.4 76.2 114.2
141 60.8 51.0 76.4

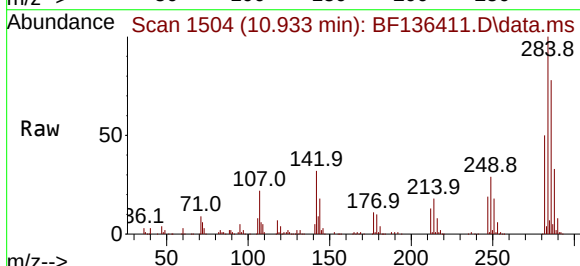
Manual Integrations

APPROVED

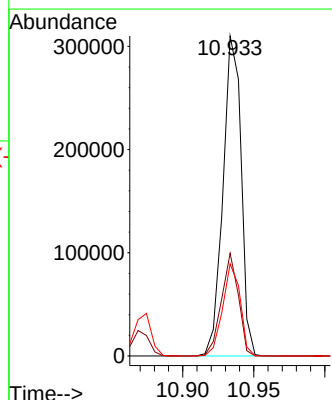
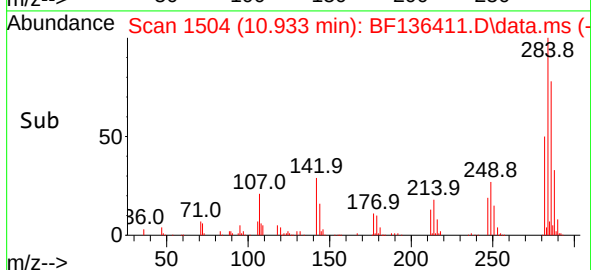
Reviewed By :Yogesh Patel 12/07/2023
Supervised By :mohammad ahmed 12/07/2023

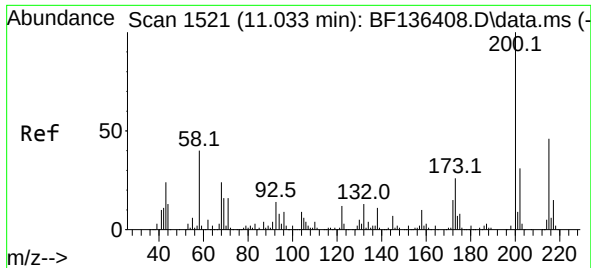


#68
Hexachlorobenzene
Concen: 41.312 ng
RT: 10.933 min Scan# 1504
Delta R.T. -0.000 min
Lab File: BF136411.D
Acq: 05 Dec 2023 17:41



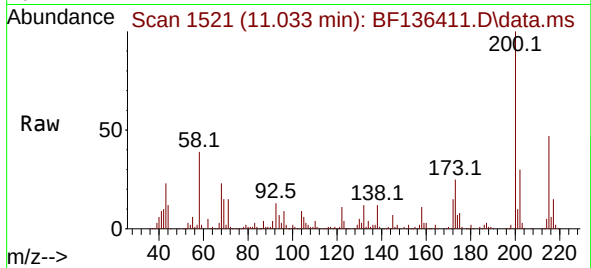
Tgt Ion:284 Resp: 274371
Ion Ratio Lower Upper
284 100
142 32.1 26.5 39.7
249 28.8 23.4 35.0





#69
 Atrazine
 Concen: 38.482 ng
 RT: 11.033 min Scan# 1521
 Delta R.T. -0.000 min
 Lab File: BF136411.D
 Acq: 05 Dec 2023 17:41

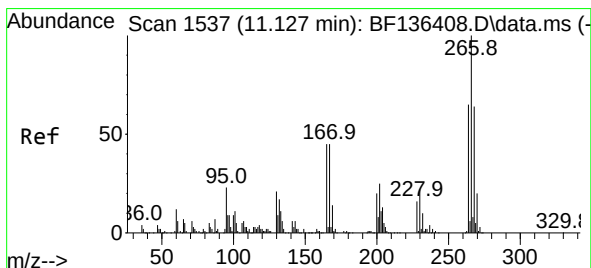
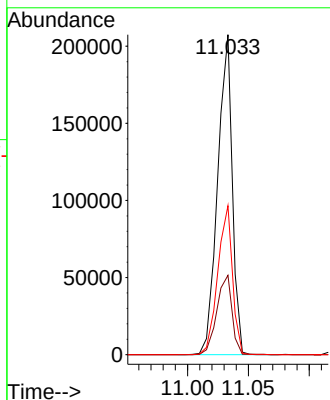
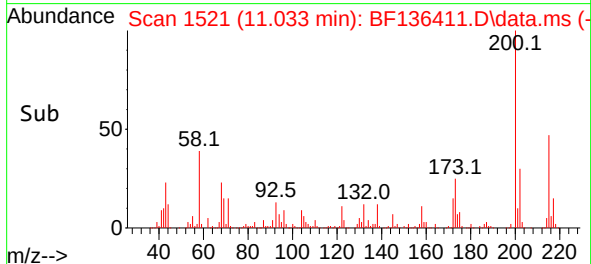
Instrument :
 BNA_F
 ClientSampleId :
 ICVBF120523



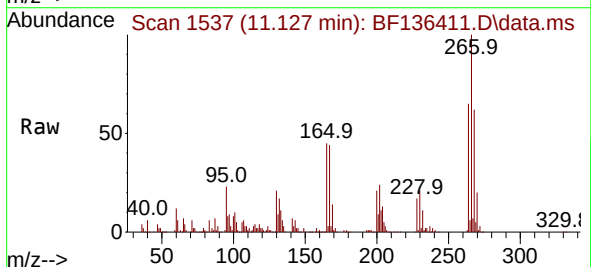
Tgt Ion:200 Resp: 17418
 Ion Ratio Lower Upper
 200 100
 173 24.8 6.0 46.0
 215 46.5 25.5 65.5

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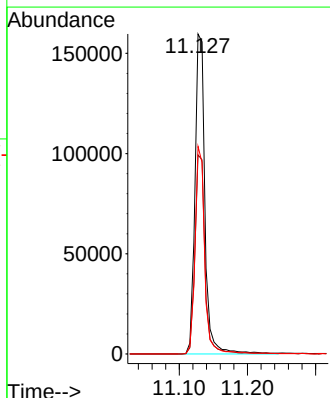
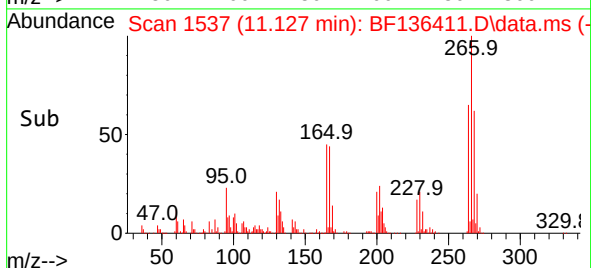
Reviewed By :Yogesh Patel 12/07/2023
 Supervised By :mohammad ahmed 12/07/2023

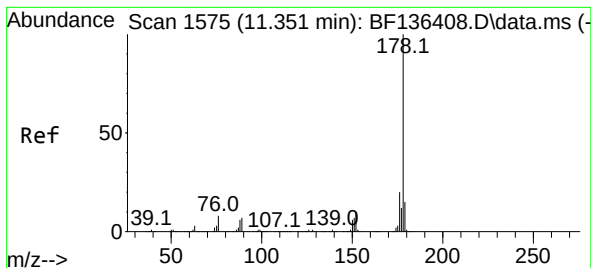


#70
 Pentachlorophenol
 Concen: 42.994 ng
 RT: 11.127 min Scan# 1537
 Delta R.T. -0.000 min
 Lab File: BF136411.D
 Acq: 05 Dec 2023 17:41



Tgt Ion:266 Resp: 161151
 Ion Ratio Lower Upper
 266 100
 268 62.2 51.0 76.6
 264 64.8 52.2 78.4





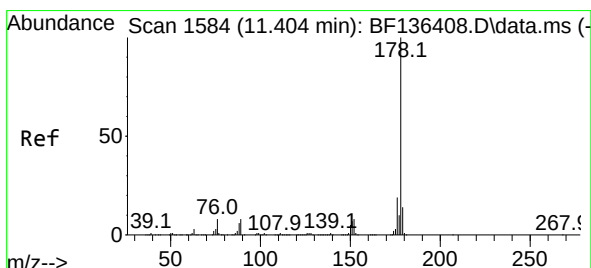
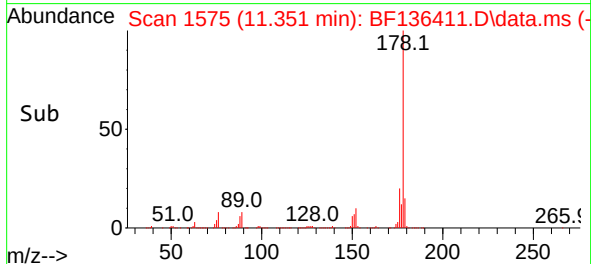
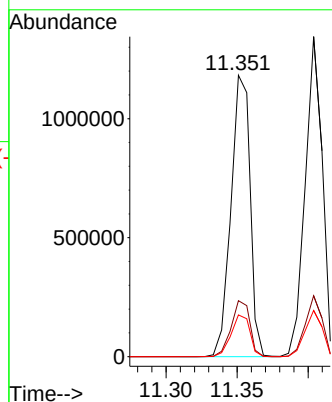
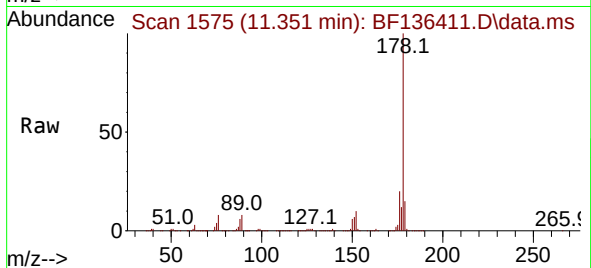
#71
Phenanthrene
Concen: 40.767 ng
RT: 11.351 min Scan# 1575
Delta R.T. -0.000 min
Lab File: BF136411.D
Acq: 05 Dec 2023 17:41

Instrument :
BNA_F
ClientSampleId :
ICVBF120523

Tgt Ion:178 Resp: 1107450
Ion Ratio Lower Upper
178 100
176 19.9 15.9 23.9
179 14.8 11.8 17.6

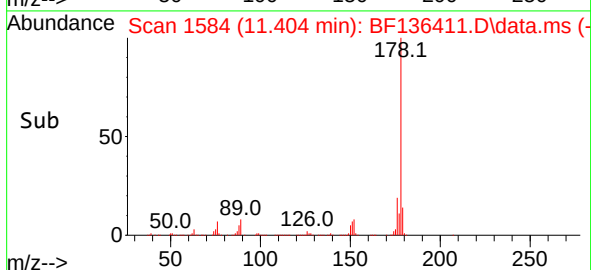
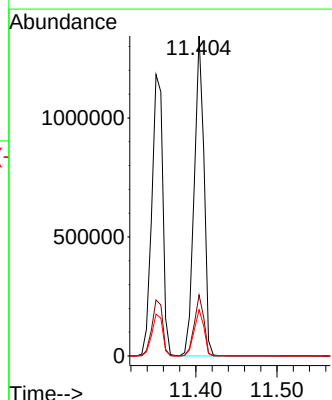
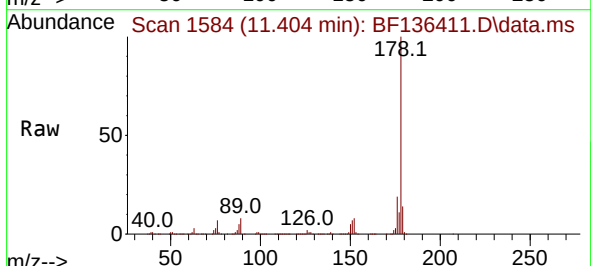
Manual Integrations
APPROVED

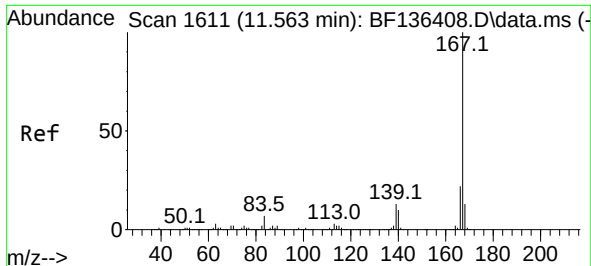
Reviewed By :Yogesh Patel 12/07/2023
Supervised By :mohammad ahmed 12/07/2023



#72
Anthracene
Concen: 41.092 ng
RT: 11.404 min Scan# 1584
Delta R.T. -0.000 min
Lab File: BF136411.D
Acq: 05 Dec 2023 17:41

Tgt Ion:178 Resp: 1124331
Ion Ratio Lower Upper
178 100
176 19.1 15.3 22.9
179 14.5 11.4 17.0





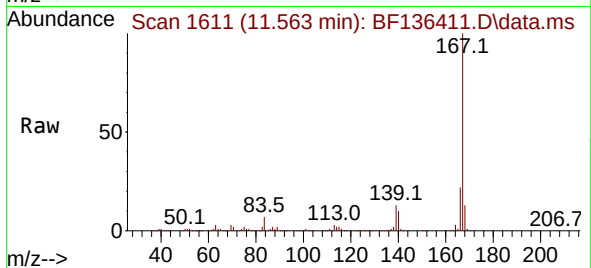
#73
 Carbazole
 Concen: 40.768 ng
 RT: 11.563 min Scan# 1611
 Delta R.T. -0.000 min
 Lab File: BF136411.D
 Acq: 05 Dec 2023 17:41

Instrument :

BNA_F

ClientSampleId :

ICVBF120523

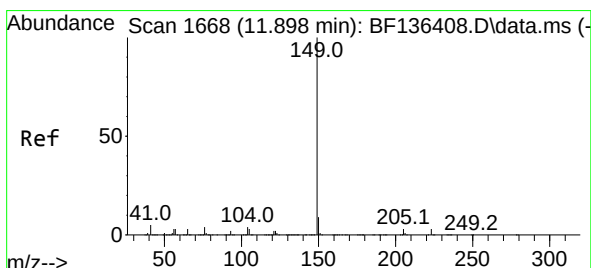
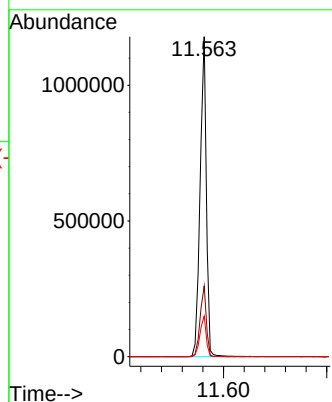
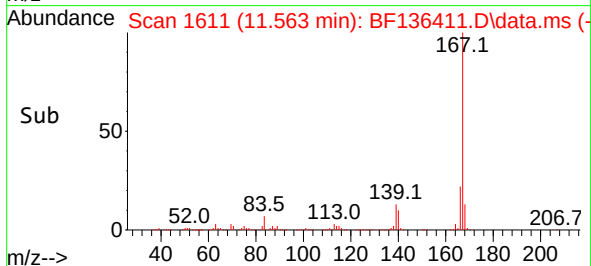


Tgt Ion:167 Resp: 987274
 Ion Ratio Lower Upper
 167 100
 166 22.1 18.0 27.0
 139 12.7 10.2 15.4

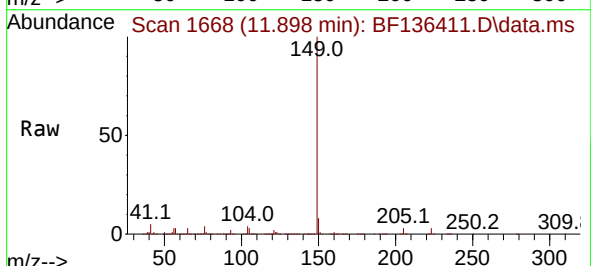
Manual Integrations

APPROVED

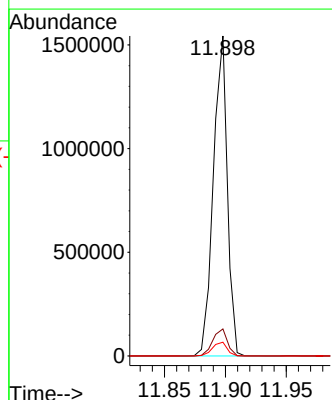
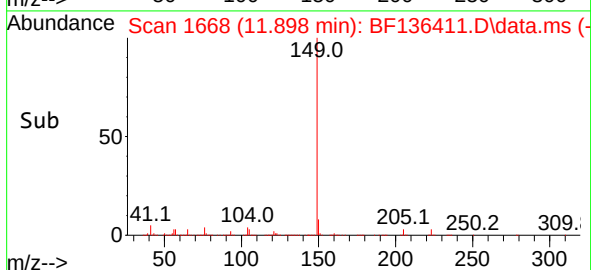
Reviewed By :Yogesh Patel 12/07/2023
 Supervised By :mohammad ahmed 12/07/2023

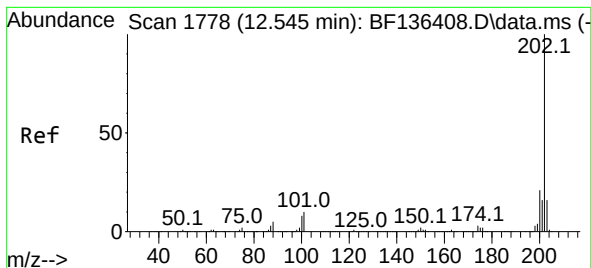


#74
 Di-n-butylphthalate
 Concen: 41.540 ng
 RT: 11.898 min Scan# 1668
 Delta R.T. -0.000 min
 Lab File: BF136411.D
 Acq: 05 Dec 2023 17:41



Tgt Ion:149 Resp: 1233205
 Ion Ratio Lower Upper
 149 100
 150 8.5 6.9 10.3
 104 4.3 3.5 5.3





#75

Fluoranthene

Concen: 39.834 ng

RT: 12.545 min Scan# 1778

Delta R.T. -0.000 min

Lab File: BF136411.D

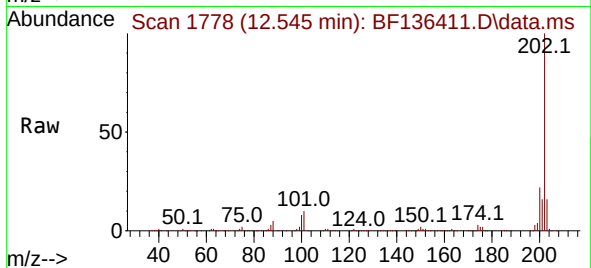
Acq: 05 Dec 2023 17:41

Instrument :

BNA_F

ClientSampleId :

ICVBF120523



Tgt Ion:202 Resp: 1133994

Ion Ratio Lower Upper

202 100

101 10.1 0.0 29.9

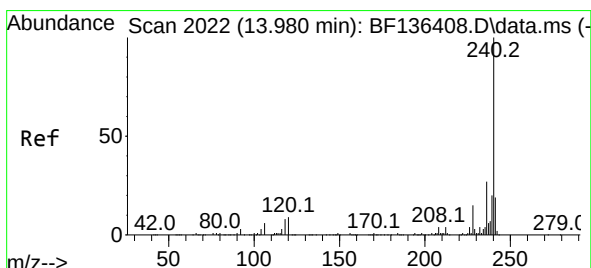
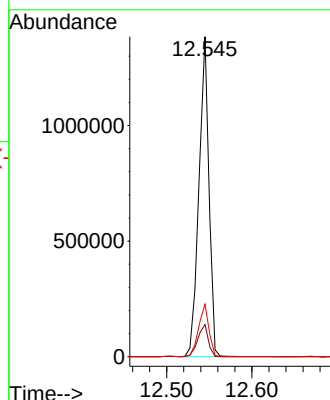
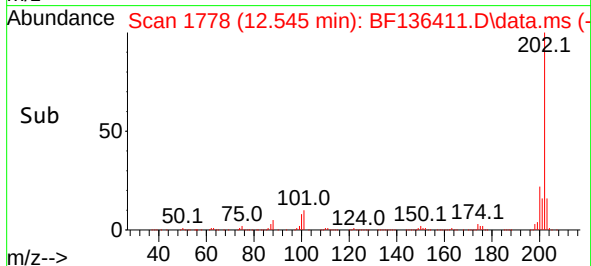
203 16.4 0.0 36.3

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 12/07/2023

Supervised By :mohammad ahmed 12/07/2023



#76

Chrysene-d12

Concen: 20.000 ng

RT: 13.980 min Scan# 2022

Delta R.T. -0.000 min

Lab File: BF136411.D

Acq: 05 Dec 2023 17:41

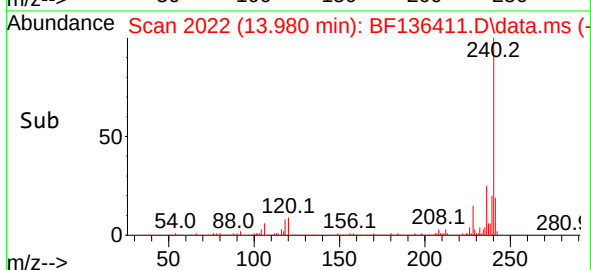
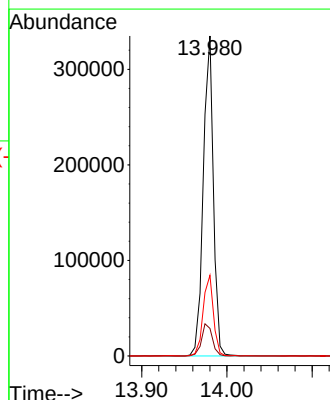
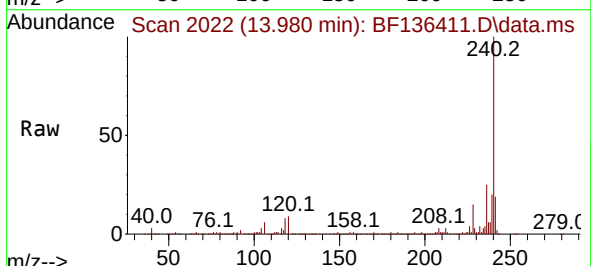
Tgt Ion:240 Resp: 275326

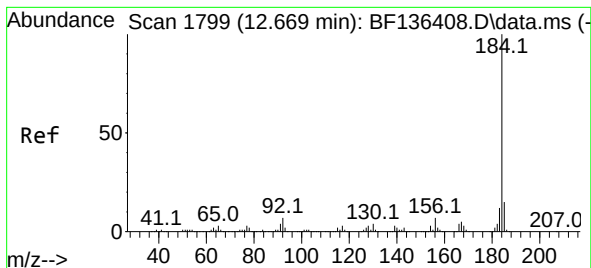
Ion Ratio Lower Upper

240 100

120 8.6 7.3 10.9

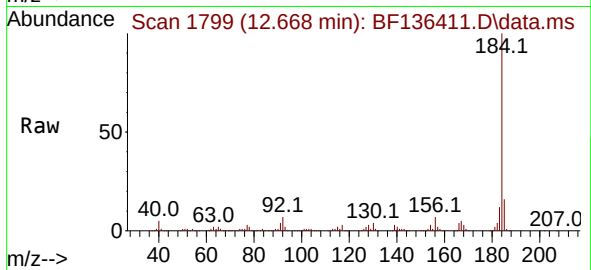
236 25.2 21.3 31.9





#77
Benzidine
Concen: 36.252 ng
RT: 12.668 min Scan# 1799
Delta R.T. -0.001 min
Lab File: BF136411.D
Acq: 05 Dec 2023 17:41

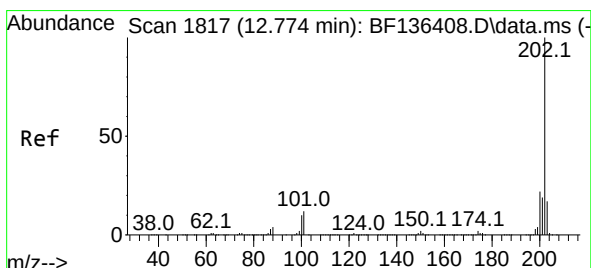
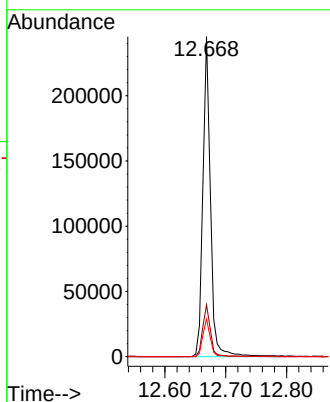
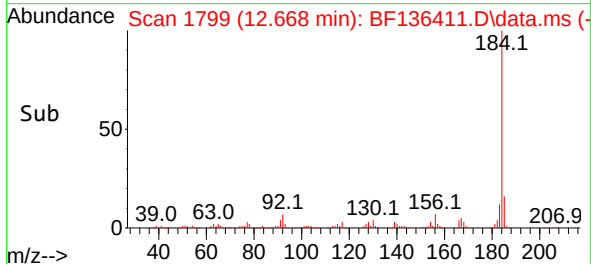
Instrument :
BNA_F
ClientSampleId :
ICVBF120523



Tgt Ion:184 Resp: 21323
Ion Ratio Lower Upper
184 100
185 16.2 12.0 18.0
183 11.8 9.4 14.0

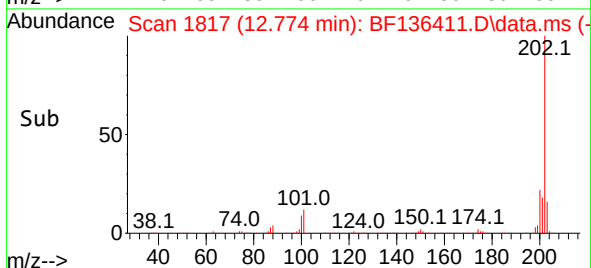
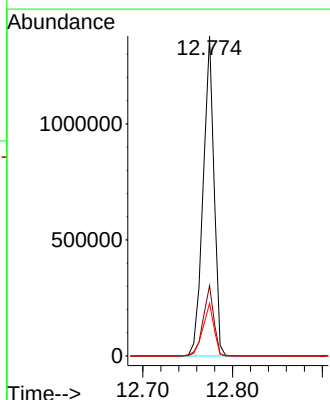
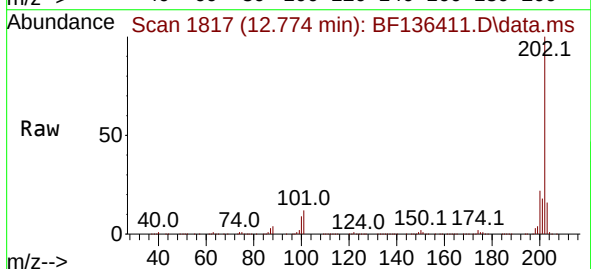
Manual Integrations
APPROVED

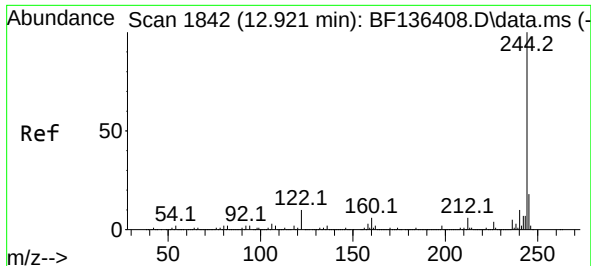
Reviewed By :Yogesh Patel 12/07/2023
Supervised By :mohammad ahmed 12/07/2023



#78
Pyrene
Concen: 43.120 ng
RT: 12.774 min Scan# 1817
Delta R.T. -0.000 min
Lab File: BF136411.D
Acq: 05 Dec 2023 17:41

Tgt Ion:202 Resp: 1162699
Ion Ratio Lower Upper
202 100
200 22.0 18.0 27.0
203 16.4 13.5 20.3





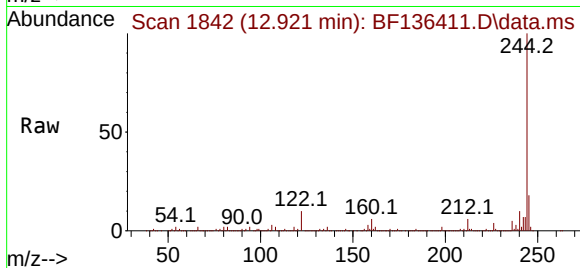
#79
 Terphenyl-d14
 Concen: 85.835 ng
 RT: 12.921 min Scan# 1842
 Delta R.T. -0.000 min
 Lab File: BF136411.D
 Acq: 05 Dec 2023 17:41

Instrument :

BNA_F

ClientSampleId :

ICVBF120523

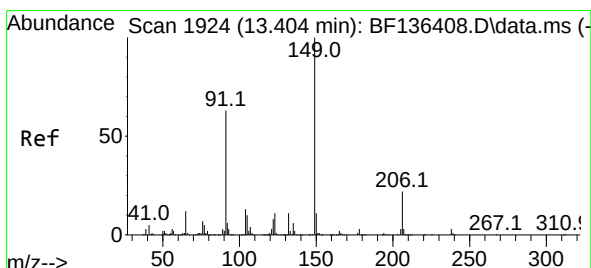
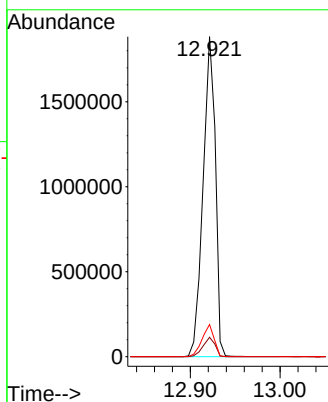
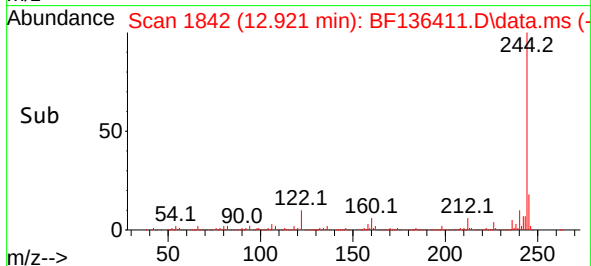


Tgt Ion:244 Resp: 1793000
 Ion Ratio Lower Upper
 244 100
 212 6.0 5.0 7.4
 122 10.0 8.3 12.5

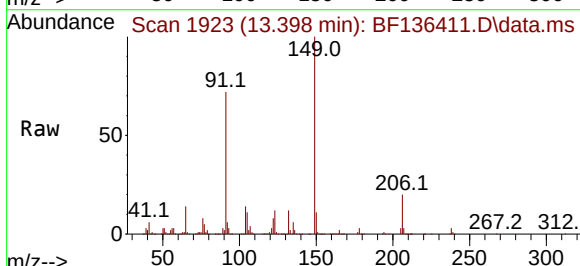
Manual Integrations

APPROVED

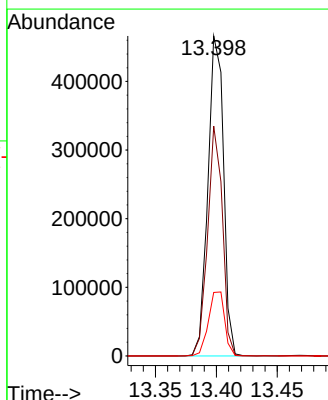
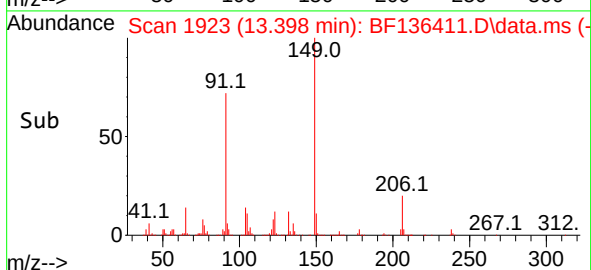
Reviewed By :Yogesh Patel 12/07/2023
 Supervised By :mohammad ahmed 12/07/2023

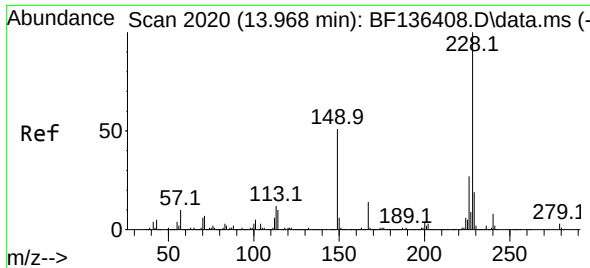


#80
 Butylbenzylphthalate
 Concen: 43.381 ng
 RT: 13.398 min Scan# 1923
 Delta R.T. -0.006 min
 Lab File: BF136411.D
 Acq: 05 Dec 2023 17:41



Tgt Ion:149 Resp: 416410
 Ion Ratio Lower Upper
 149 100
 91 71.9 50.5 75.7
 206 19.8 17.4 26.2





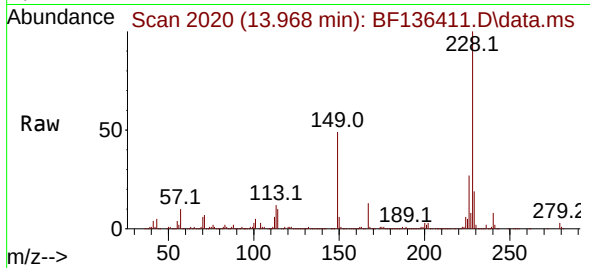
#81
Benzo(a)anthracene
Concen: 41.496 ng
RT: 13.968 min Scan# 2020
Delta R.T. -0.000 min
Lab File: BF136411.D
Acq: 05 Dec 2023 17:41

Instrument :

BNA_F

ClientSampleId :

ICVBF120523

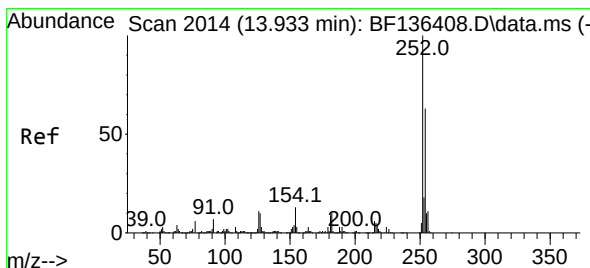
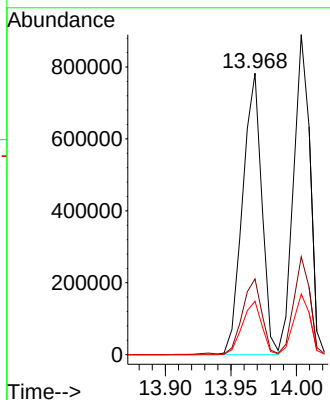
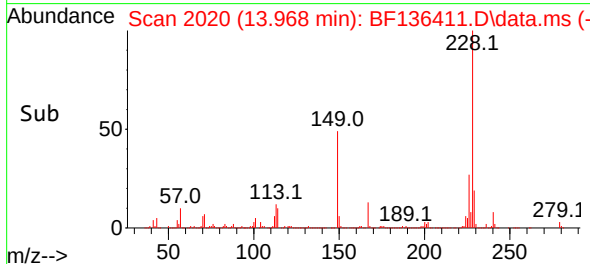


Tgt Ion:228 Resp: 795810
Ion Ratio Lower Upper
228 100
226 27.0 21.8 32.8
229 19.0 15.0 22.4

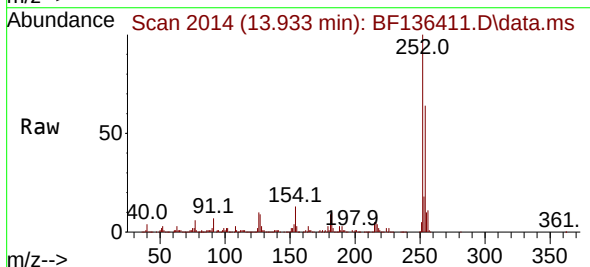
Manual Integrations

APPROVED

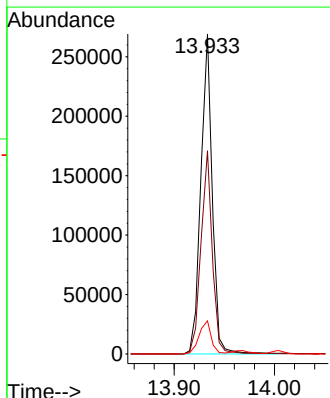
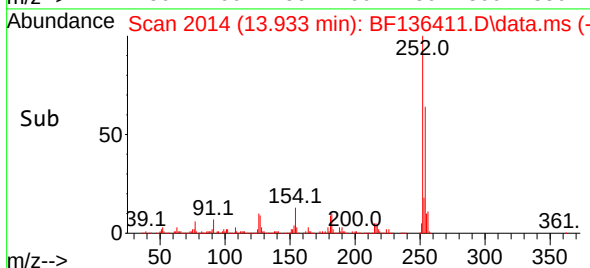
Reviewed By :Yogesh Patel 12/07/2023
Supervised By :mohammad ahmed 12/07/2023

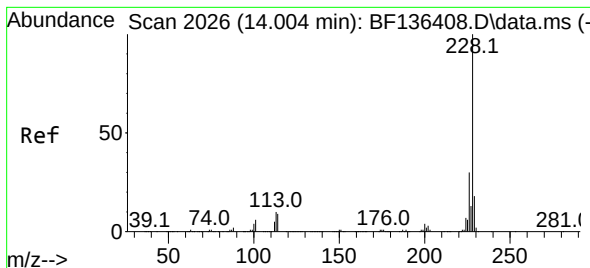


#82
3,3'-Dichlorobenzidine
Concen: 39.926 ng
RT: 13.933 min Scan# 2014
Delta R.T. -0.000 min
Lab File: BF136411.D
Acq: 05 Dec 2023 17:41



Tgt Ion:252 Resp: 214690
Ion Ratio Lower Upper
252 100
254 63.5 50.8 76.2
126 10.4 8.6 12.8





#83

Chrysene

Concen: 41.153 ng

RT: 14.004 min Scan# 2026

Delta R.T. -0.000 min

Lab File: BF136411.D

Acq: 05 Dec 2023 17:41

Instrument :

BNA_F

ClientSampleId :

ICVBF120523

Tgt Ion:228 Resp: 776499

Ion Ratio Lower Upper

228 100

226 30.6 23.8 35.6

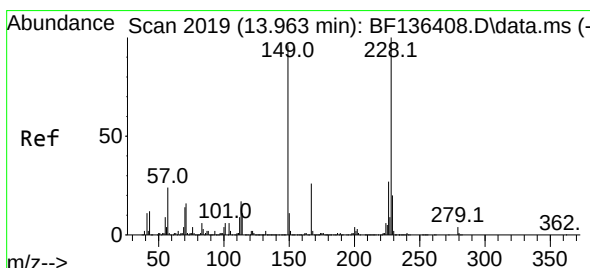
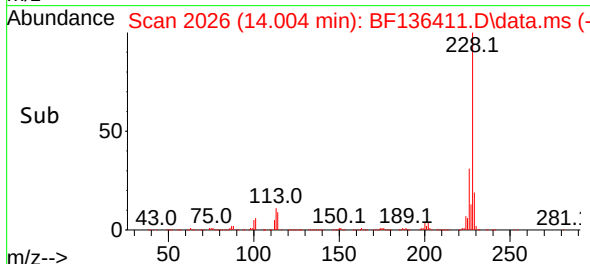
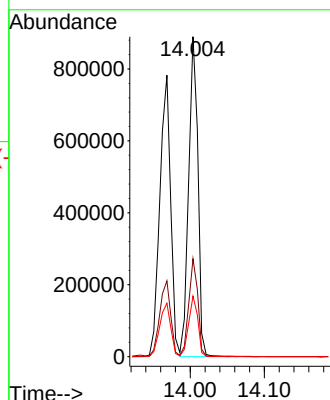
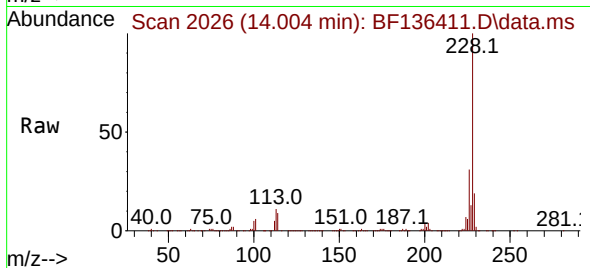
229 18.9 14.8 22.2

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 12/07/2023

Supervised By :mohammad ahmed 12/07/2023



#84

Bis(2-ethylhexyl)phthalate

Concen: 43.943 ng

RT: 13.962 min Scan# 2019

Delta R.T. -0.000 min

Lab File: BF136411.D

Acq: 05 Dec 2023 17:41

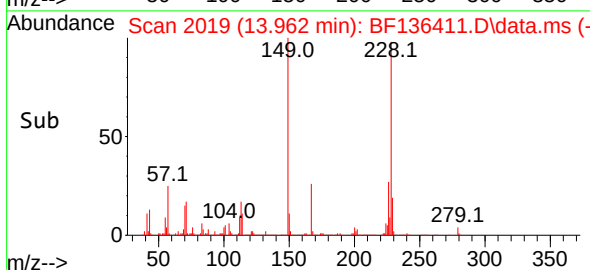
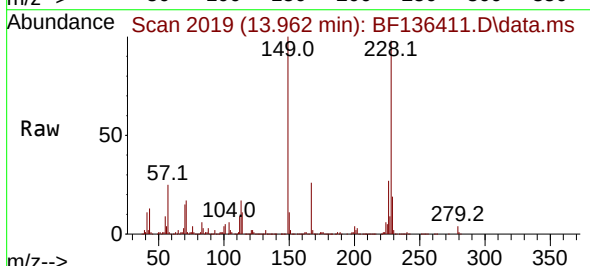
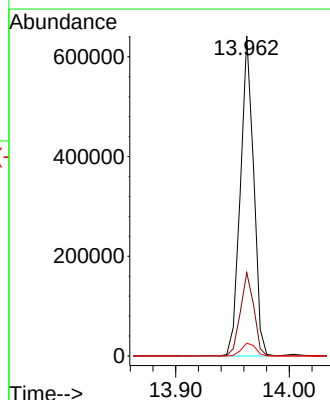
Tgt Ion:149 Resp: 517083

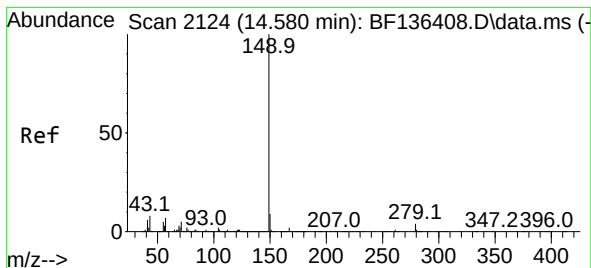
Ion Ratio Lower Upper

149 100

167 26.0 21.2 31.8

279 4.0 3.1 4.7





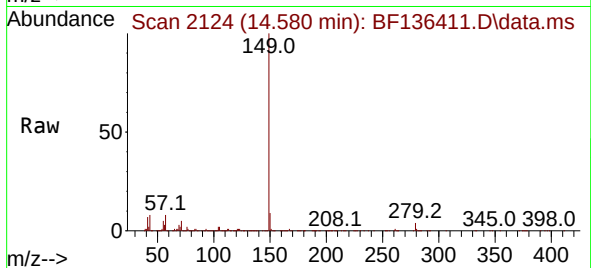
#85
Di-n-octyl phthalate
Concen: 44.130 ng
RT: 14.580 min Scan# 2124
Delta R.T. -0.000 min
Lab File: BF136411.D
Acq: 05 Dec 2023 17:41

Instrument :

BNA_F

ClientSampleId :

ICVBF120523

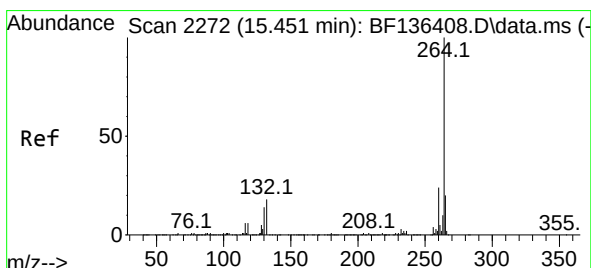
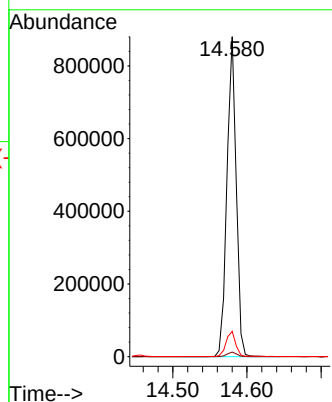
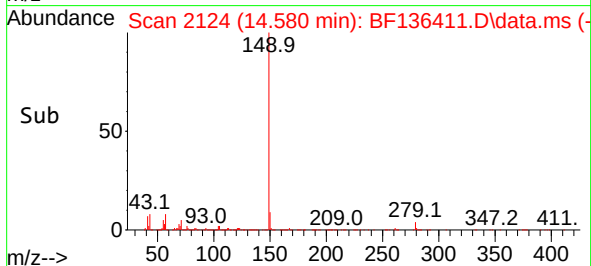


Tgt Ion:149 Resp: 76704
Ion Ratio Lower Upper
149 100
167 1.5 1.3 1.9
43 8.4 6.8 10.2

Manual Integrations

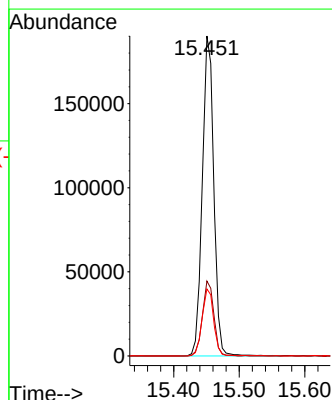
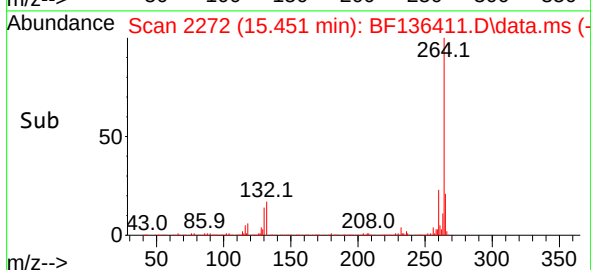
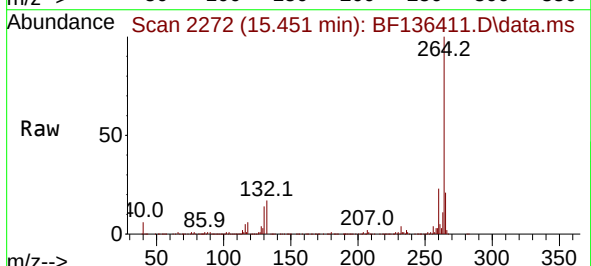
APPROVED

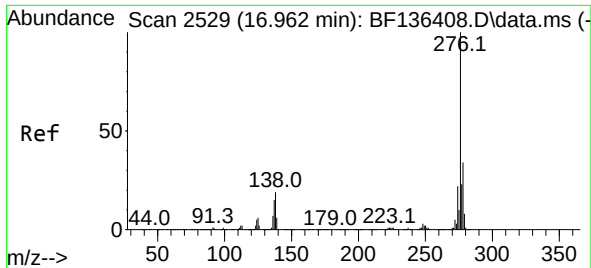
Reviewed By :Yogesh Patel 12/07/2023
Supervised By :mohammad ahmed 12/07/2023



#86
Perylene-d12
Concen: 20.000 ng
RT: 15.451 min Scan# 2272
Delta R.T. -0.000 min
Lab File: BF136411.D
Acq: 05 Dec 2023 17:41

Tgt Ion:264 Resp: 232216
Ion Ratio Lower Upper
264 100
260 23.4 19.2 28.8
265 21.0 15.9 23.9





#87
Indeno(1,2,3-cd)pyrene
Concen: 45.223 ng
RT: 16.962 min Scan# 2199
Delta R.T. -0.000 min
Lab File: BF136411.D
Acq: 05 Dec 2023 17:41

Instrument :

BNA_F

ClientSampleId :

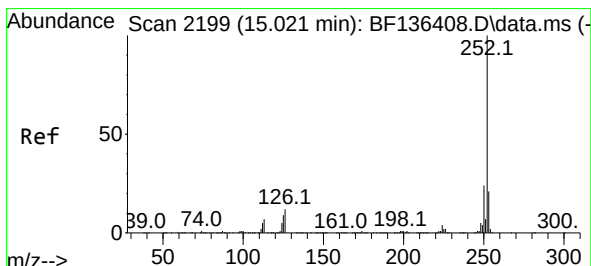
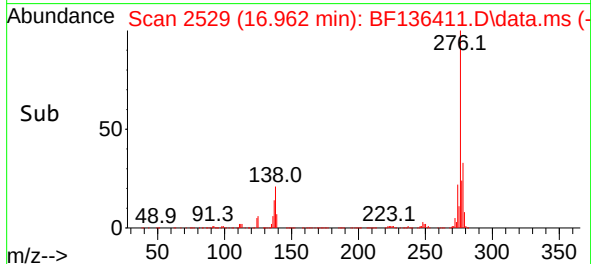
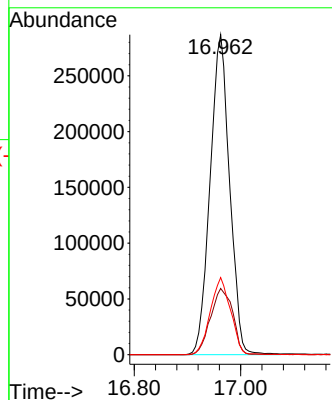
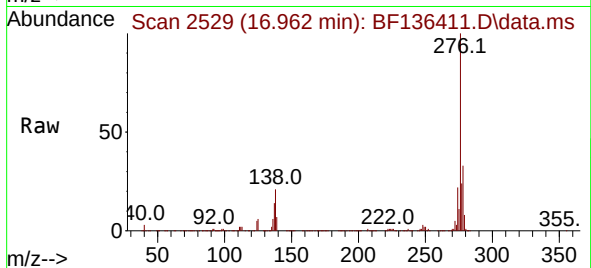
ICVBF120523

Tgt Ion:276 Resp: 729550
Ion Ratio Lower Upper
276 100
138 23.5 19.0 28.4
277 25.0 20.0 30.0

Manual Integrations

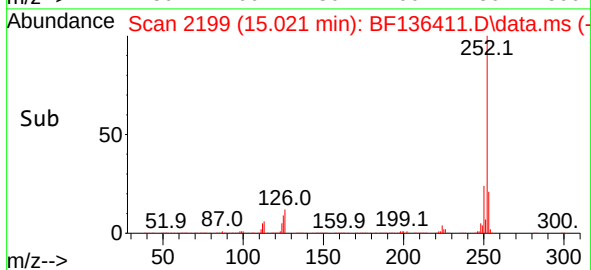
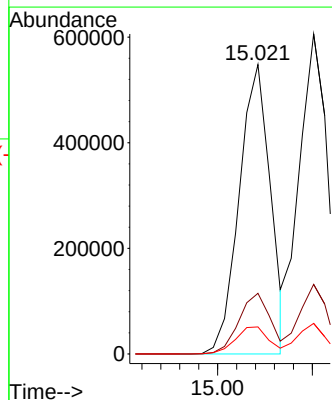
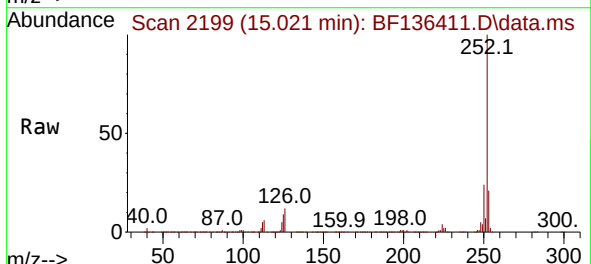
APPROVED

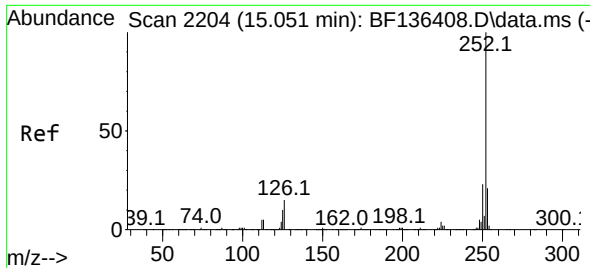
Reviewed By :Yogesh Patel 12/07/2023
Supervised By :mohammad ahmed 12/07/2023



#88
Benzo(b)fluoranthene
Concen: 39.570 ng
RT: 15.021 min Scan# 2199
Delta R.T. -0.000 min
Lab File: BF136411.D
Acq: 05 Dec 2023 17:41

Tgt Ion:252 Resp: 628258
Ion Ratio Lower Upper
252 100
253 21.0 16.9 25.3
125 9.4 7.4 11.2





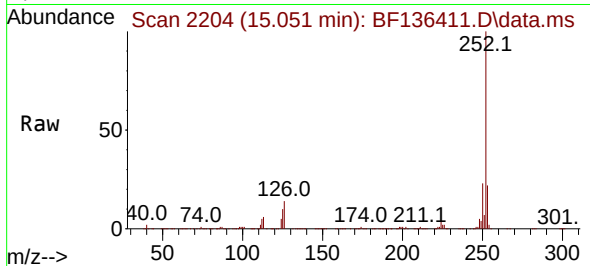
#89
Benzo(k)fluoranthene
Concen: 41.843 ng
RT: 15.051 min Scan# 2204
Delta R.T. -0.000 min
Lab File: BF136411.D
Acq: 05 Dec 2023 17:41

Instrument :

BNA_F

ClientSampleId :

ICVBF120523

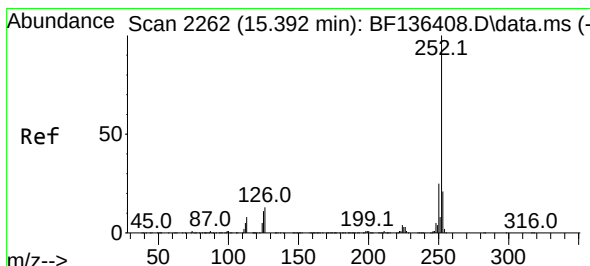
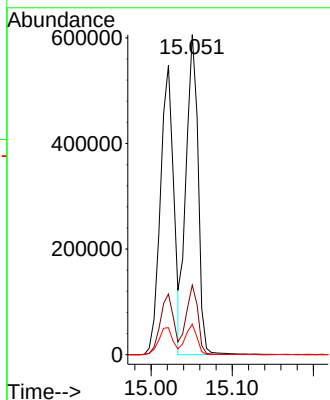
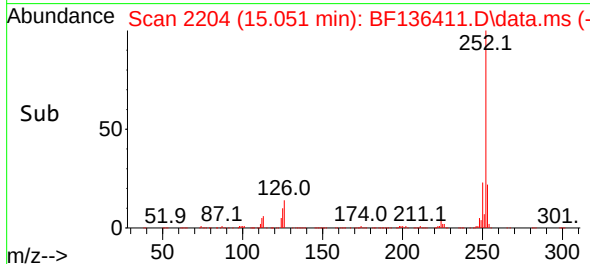


Tgt Ion:252 Resp: 626080
Ion Ratio Lower Upper
252 100
253 21.7 16.9 25.3
125 9.6 7.5 11.3

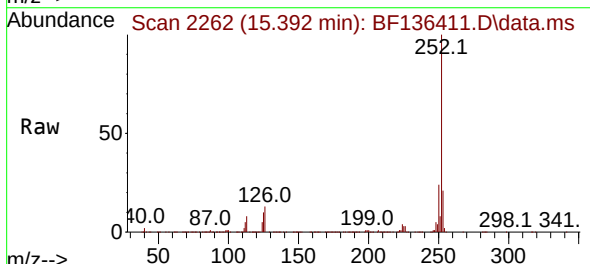
Manual Integrations

APPROVED

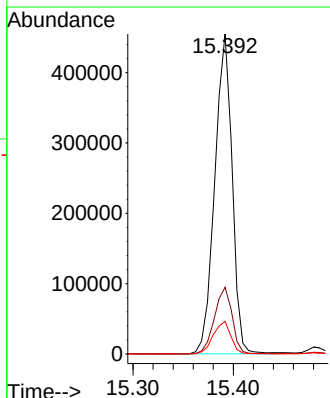
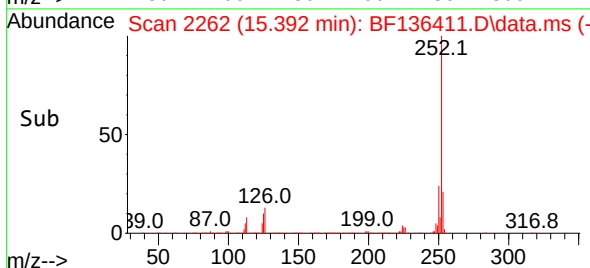
Reviewed By :Yogesh Patel 12/07/2023
Supervised By :mohammad ahmed 12/07/2023

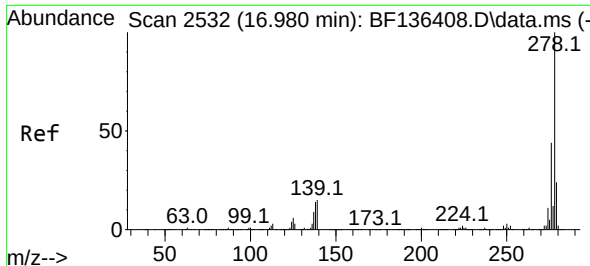


#90
Benzo(a)pyrene
Concen: 41.726 ng
RT: 15.392 min Scan# 2262
Delta R.T. -0.000 min
Lab File: BF136411.D
Acq: 05 Dec 2023 17:41



Tgt Ion:252 Resp: 547120
Ion Ratio Lower Upper
252 100
253 20.9 17.0 25.4
125 10.2 8.6 13.0





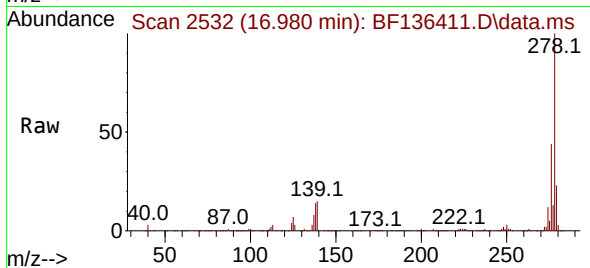
#91
Dibenzo(a,h)anthracene
Concen: 45.198 ng
RT: 16.980 min Scan# 2532
Delta R.T. -0.000 min
Lab File: BF136411.D
Acq: 05 Dec 2023 17:41

Instrument :

BNF_F

ClientSampleId :

ICVBF120523

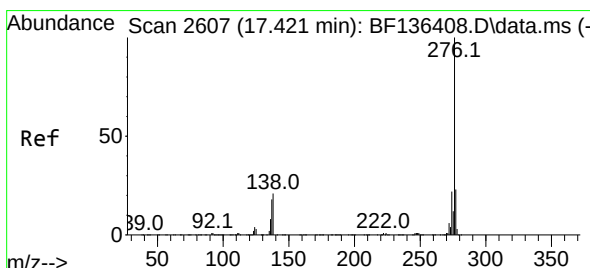
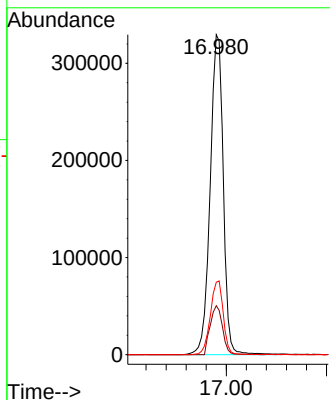
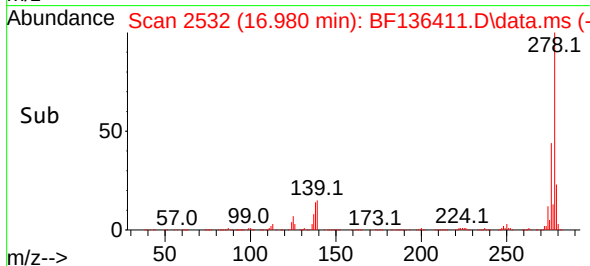


Tgt Ion:278 Resp: 597360
Ion Ratio Lower Upper
278 100
139 15.3 12.2 18.4
279 22.6 19.0 28.4

Manual Integrations

APPROVED

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



#92
Benzo(g,h,i)perylene
Concen: 45.228 ng
RT: 17.421 min Scan# 2607
Delta R.T. -0.000 min
Lab File: BF136411.D
Acq: 05 Dec 2023 17:41

Tgt Ion:276 Resp: 613537
Ion Ratio Lower Upper
276 100
277 23.1 18.7 28.1
138 20.4 16.6 25.0

