

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF112723\
 Data File : BF136225.D
 Acq On : 27 Nov 2023 16:36
 Operator : CG\JU
 Sample : SSTDICV040
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 ICVBF112723

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 11/29/2023
 Supervised By :mohammad ahmed 11/29/2023

Quant Time: Nov 28 08:06:30 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF112723.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Nov 28 03:04:20 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.804	152	146770	20.000	ng	0.00
21) Naphthalene-d8	8.086	136	637090	20.000	ng	0.00
39) Acenaphthene-d10	9.845	164	321254	20.000	ng	0.00
64) Phenanthrene-d10	11.333	188	591585	20.000	ng	0.00
76) Chrysene-d12	13.986	240	284898	20.000	ng	0.00
86) Perylene-d12	15.468	264	250563	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.440	112	878707	83.330	ng	0.00
7) Phenol-d6	6.445	99	1088677	82.569	ng	0.00
23) Nitrobenzene-d5	7.375	82	1022229	84.789	ng	0.00
42) 2,4,6-Tribromophenol	10.639	330	336169	85.591	ng	0.00
45) 2-Fluorobiphenyl	9.169	172	2127217	84.578	ng	0.00
79) Terphenyl-d14	12.933	244	2239569	90.675	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	2.599	88	165332	41.437	ng	100
3) Pyridine	3.357	79	414374	42.072	ng	97
4) n-Nitrosodimethylamine	3.334	42	206988	41.575	ng	98
6) Aniline	6.469	93	552600	44.342	ng	98
8) 2-Chlorophenol	6.592	128	484529	42.200	ng	98
9) Benzaldehyde	6.363	77	276734	37.657	ng	98
10) Phenol	6.457	94	592763	41.905	ng	100
11) bis(2-Chloroethyl)ether	6.551	93	436905	42.103	ng	99
12) 1,3-Dichlorobenzene	6.751	146	546951	41.976	ng	100
13) 1,4-Dichlorobenzene	6.828	146	552028	41.675	ng	98
14) 1,2-Dichlorobenzene	6.981	146	527020	42.027	ng	99
15) Benzyl Alcohol	6.951	79	391542	42.355	ng	99
16) 2,2'-oxybis(1-Chloropr...	7.087	45	596673	41.395	ng	99
17) 2-Methylphenol	7.057	107	377896	41.864	ng	99
18) Hexachloroethane	7.316	117	195901	42.163	ng	98
19) n-Nitroso-di-n-propyla...	7.228	70	330081	41.858	ng	98
20) 3+4-Methylphenols	7.216	107	487340	41.541	ng	99
22) Acetophenone	7.222	105	704553	42.108	ng	# 88
24) Nitrobenzene	7.392	77	515733	42.212	ng	99
25) Isophorone	7.628	82	914208	42.054	ng	99
26) 2-Nitrophenol	7.704	139	229612	44.109	ng	99
27) 2,4-Dimethylphenol	7.739	122	286984	41.885	ng	99
28) bis(2-Chloroethoxy)met...	7.839	93	548363	41.702	ng	100
29) 2,4-Dichlorophenol	7.945	162	393744	42.605	ng	99
30) 1,2,4-Trichlorobenzene	8.028	180	475428	42.018	ng	100
31) Naphthalene	8.110	128	1506626	42.073	ng	100
32) Benzoic acid	7.869	122	279738	44.798	ng	93
33) 4-Chloroaniline	8.157	127	516011	42.393	ng	98
34) Hexachlorobutadiene	8.222	225	278110	42.013	ng	98
35) Caprolactam	8.539	113	106975	41.407	ng	96
36) 4-Chloro-3-methylphenol	8.639	107	417272	41.630	ng	99
37) 2-Methylnaphthalene	8.798	142	922660	41.075	ng	99
38) 1-Methylnaphthalene	8.898	142	911291	41.587	ng	98
40) 1,2,4,5-Tetrachloroben...	8.963	216	436623	42.706	ng	100
41) Hexachlorocyclopentadiene	8.951	237	173192	44.024	ng	97
43) 2,4,6-Trichlorophenol	9.075	196	281169	42.370	ng	98

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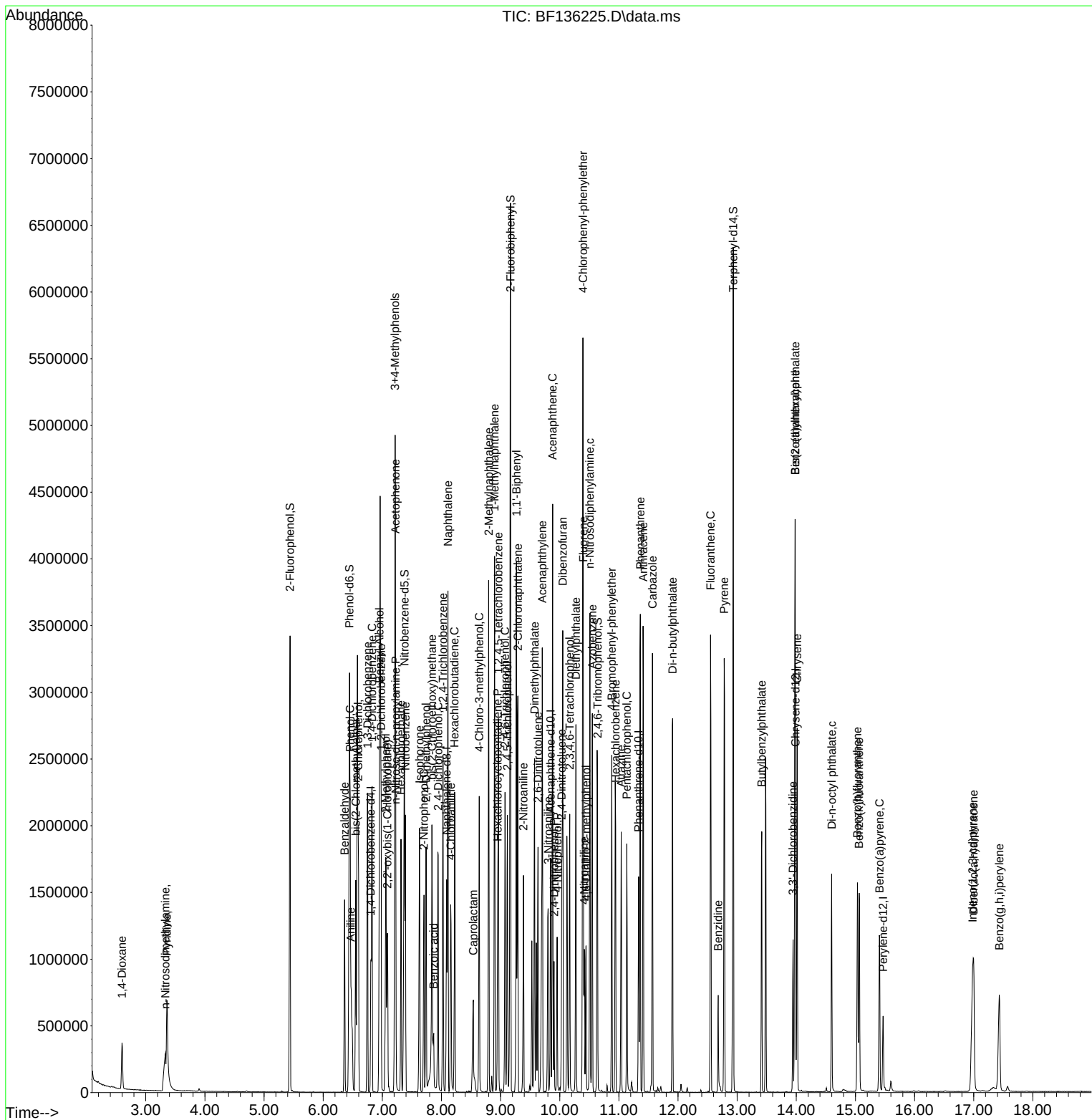
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.116	196	308793	42.640	ng	99
46) 1,1'-Biphenyl	9.269	154	1194867	42.177	ng	100
47) 2-Chloronaphthalene	9.292	162	931373	42.334	ng	99
48) 2-Nitroaniline	9.386	65	251331	43.756	ng	97
49) Acenaphthylene	9.704	152	1325719	42.225	ng	99
50) Dimethylphthalate	9.575	163	1021547	42.072	ng	99
51) 2,6-Dinitrotoluene	9.633	165	213698	43.081	ng	99
52) Acenaphthene	9.880	154	832519m	41.960	ng	
53) 3-Nitroaniline	9.804	138	214834	43.648	ng	96
54) 2,4-Dinitrophenol	9.904	184	102588	44.468	ng	98
55) Dibenzofuran	10.051	168	1232235	41.737	ng	99
56) 4-Nitrophenol	9.957	139	161845	43.295	ng	96
57) 2,4-Dinitrotoluene	10.033	165	289748	43.729	ng	# 85
58) Fluorene	10.398	166	961975	41.540	ng	99
59) 2,3,4,6-Tetrachlorophenol	10.169	232	244030	42.352	ng	99
60) Diethylphthalate	10.275	149	1007093	41.464	ng	100
61) 4-Chlorophenyl-phenyle...	10.392	204	469128	41.714	ng	99
62) 4-Nitroaniline	10.416	138	209595	43.504	ng	96
63) Azobenzene	10.551	77	940280	41.758	ng	99
65) 4,6-Dinitro-2-methylph...	10.445	198	144719	44.734	ng	93
66) n-Nitrosodiphenylamine	10.510	169	797470	42.065	ng	99
67) 4-Bromophenyl-phenylether	10.880	248	291148	42.185	ng	97
68) Hexachlorobenzene	10.945	284	342621	42.893	ng	97
69) Atrazine	11.039	200	240665	42.794	ng	98
70) Pentachlorophenol	11.133	266	197026	43.636	ng	98
71) Phenanthrene	11.363	178	1399898	42.103	ng	99
72) Anthracene	11.410	178	1414318	42.416	ng	99
73) Carbazole	11.569	167	1201235	42.358	ng	99
74) Di-n-butylphthalate	11.910	149	1531443	43.160	ng	99
75) Fluoranthene	12.551	202	1415562	41.937	ng	98
77) Benzidine	12.680	184	292766	62.514	ng	98
78) Pyrene	12.780	202	1410355	45.202	ng	98
80) Butylbenzylphthalate	13.416	149	440672	45.381	ng	97
81) Benzo(a)anthracene	13.980	228	904886	42.761	ng	100
82) 3,3'-Dichlorobenzidine	13.945	252	224476	44.068	ng	97
83) Chrysene	14.015	228	873368	42.745	ng	99
84) Bis(2-ethylhexyl)phtha...	13.980	149	531056	45.569	ng	# 99
85) Di-n-octyl phthalate	14.598	149	753471	40.690	ng	100
87) Indeno(1,2,3-cd)pyrene	16.980	276	774131	41.705	ng	100
88) Benzo(b)fluoranthene	15.033	252	758503	43.148	ng	99
89) Benzo(k)fluoranthene	15.062	252	671529	40.221	ng	100
90) Benzo(a)pyrene	15.410	252	606118	42.178	ng	97
91) Dibenzo(a,h)anthracene	16.998	278	617291	41.457	ng	97
92) Benzo(g,h,i)perylene	17.433	276	625658	41.737	ng	98

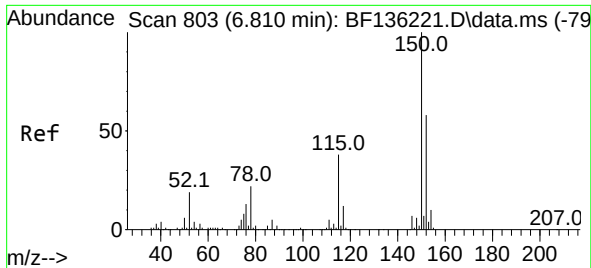
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Manual Integrations APPROVED

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#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.804 min Scan# 80
 Delta R.T. -0.006 min
 Lab File: BF136225.D
 Acq: 27 Nov 2023 16:36

Instrument :

BNA_F

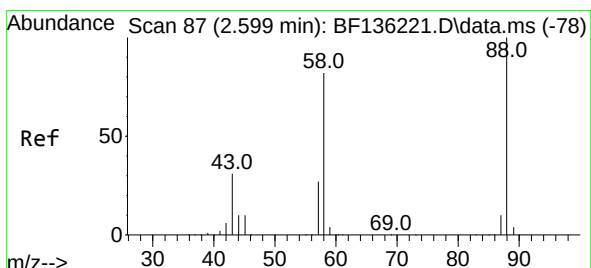
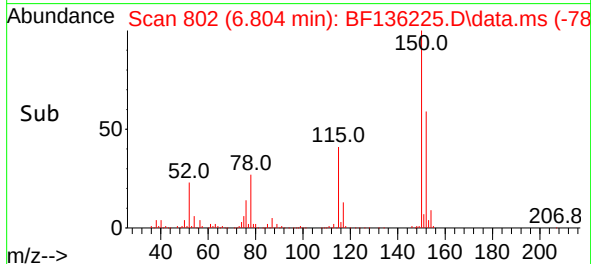
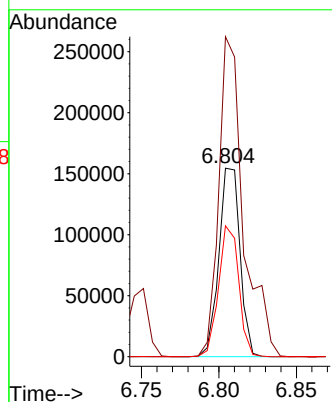
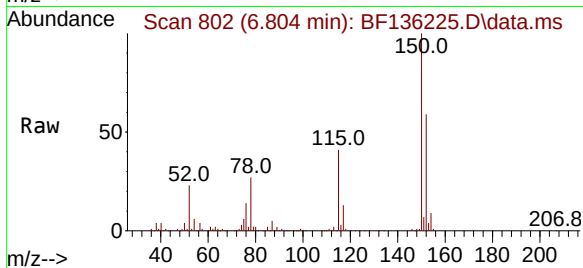
ClientSampleId :

ICVBF112723

Tgt Ion:152 Resp: 146770
 Ion Ratio Lower Upper
 152 100
 150 169.7 137.8 206.8
 115 69.5 52.7 79.1

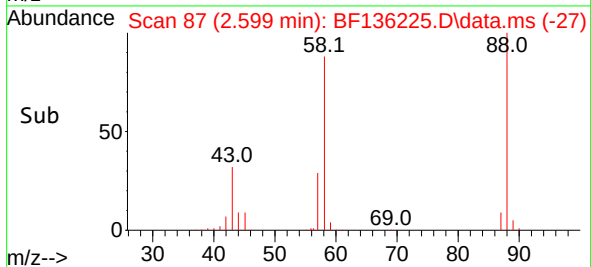
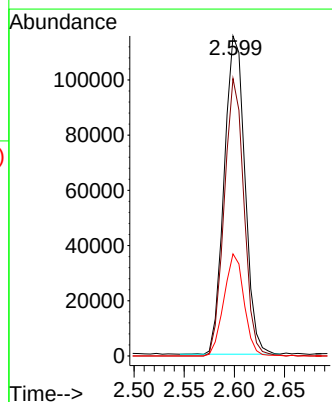
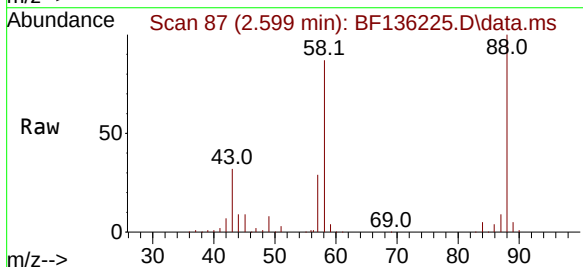
Manual Integrations
 APPROVED

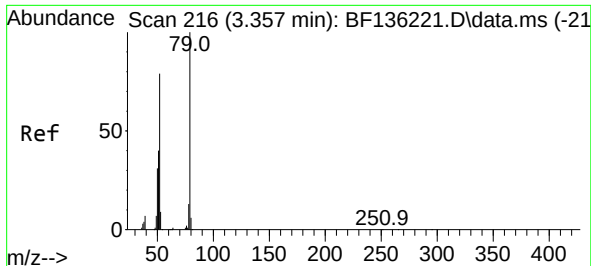
Reviewed By :Yogesh Patel 11/29/2023
 Supervised By :mohammad ahmed 11/29/2023



#2
 1,4-Dioxane
 Concen: 41.437 ng
 RT: 2.599 min Scan# 87
 Delta R.T. 0.000 min
 Lab File: BF136225.D
 Acq: 27 Nov 2023 16:36

Tgt Ion: 88 Resp: 165332
 Ion Ratio Lower Upper
 88 100
 58 82.7 65.9 98.9
 43 31.1 24.8 37.2





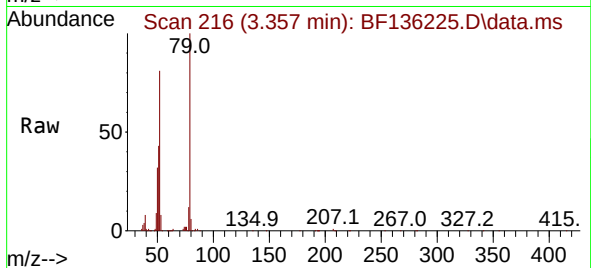
#3
 Pyridine
 Concen: 42.072 ng
 RT: 3.357 min Scan# 216
 Delta R.T. 0.000 min
 Lab File: BF136225.D
 Acq: 27 Nov 2023 16:36

Instrument :

BNA_F

ClientSampleId :

ICVBF112723



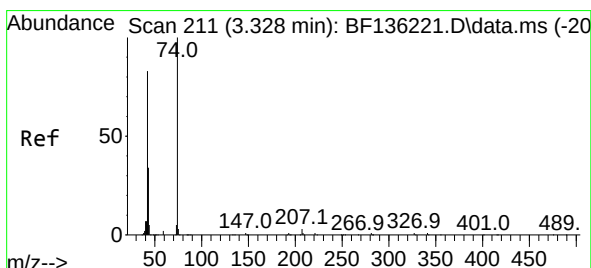
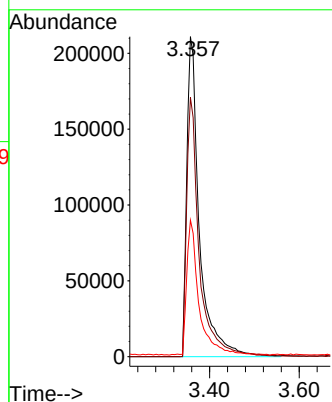
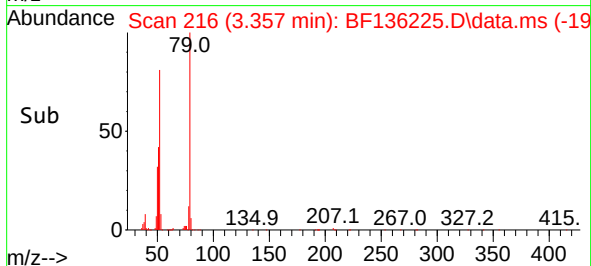
Tgt Ion: 79 Resp: 414374
 Ion Ratio Lower Upper
 79 100
 52 81.0 63.2 94.8
 51 42.6 32.6 49.0

Manual Integrations

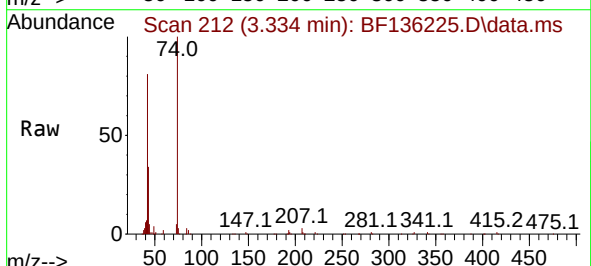
APPROVED

Reviewed By :Yogesh Patel 11/29/2023

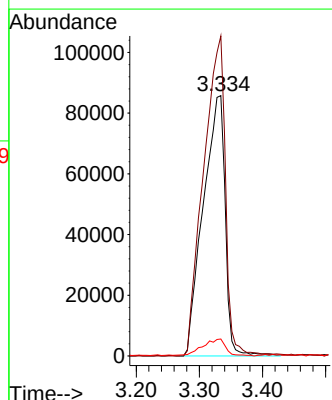
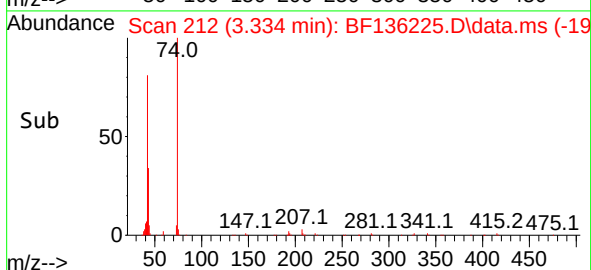
Supervised By :mohammad ahmed 11/29/2023

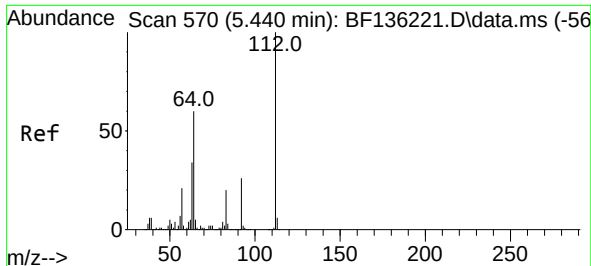


#4
 n-Nitrosodimethylamine
 Concen: 41.575 ng
 RT: 3.334 min Scan# 212
 Delta R.T. 0.006 min
 Lab File: BF136225.D
 Acq: 27 Nov 2023 16:36



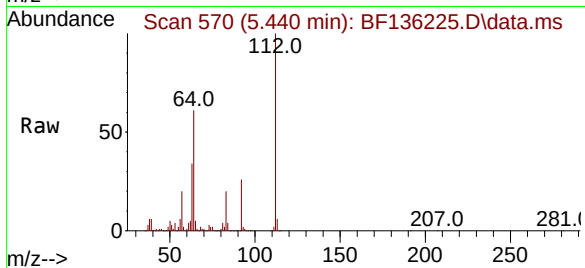
Tgt Ion: 42 Resp: 206988
 Ion Ratio Lower Upper
 42 100
 74 122.9 96.6 144.8
 44 6.5 5.4 8.2





#5
2-Fluorophenol
Concen: 83.330 ng
RT: 5.440 min Scan# 51
Delta R.T. 0.000 min
Lab File: BF136225.D
Acq: 27 Nov 2023 16:36

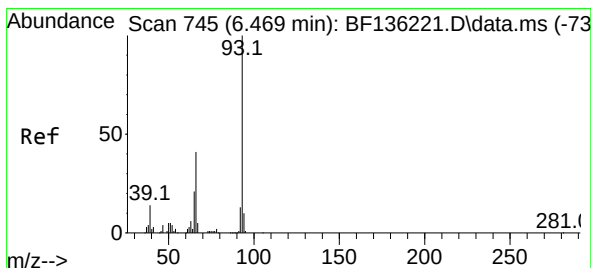
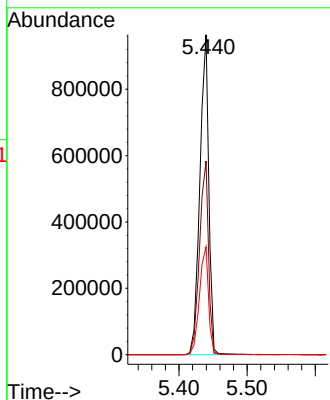
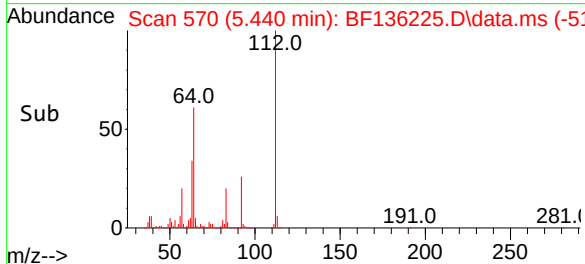
Instrument :
BNA_F
ClientSampleId :
ICVBF112723



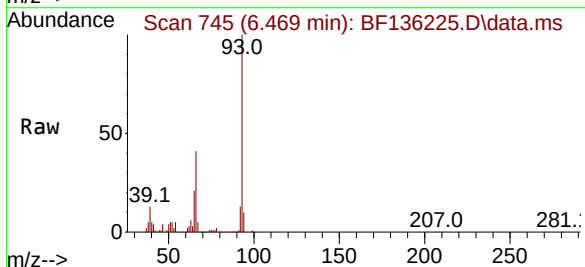
Tgt Ion:112 Resp: 87870
Ion Ratio Lower Upper
112 100
64 60.5 48.2 72.4
63 33.7 27.0 40.6

Manual Integrations
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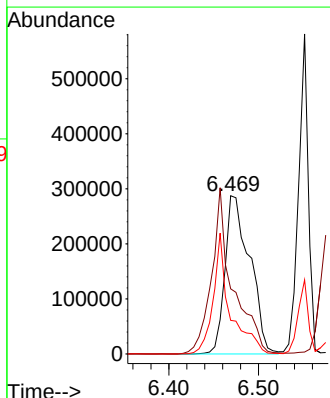
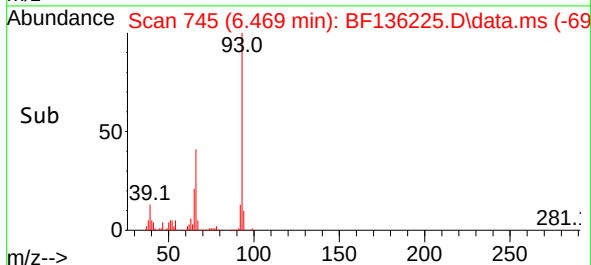
Reviewed By :Yogesh Patel 11/29/2023
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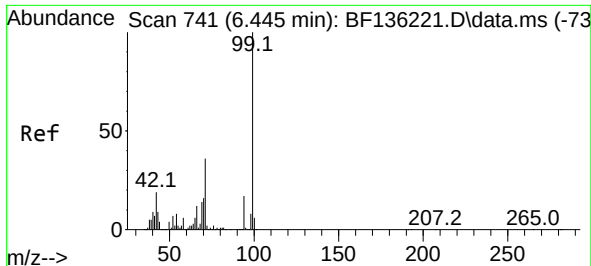


#6
Aniline
Concen: 44.342 ng
RT: 6.469 min Scan# 745
Delta R.T. 0.000 min
Lab File: BF136225.D
Acq: 27 Nov 2023 16:36



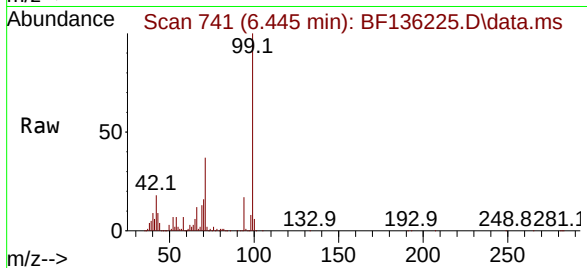
Tgt Ion: 93 Resp: 552600
Ion Ratio Lower Upper
93 100
66 41.2 34.1 51.1
65 21.2 17.3 25.9





#7
Phenol-d6
Concen: 82.569 ng
RT: 6.445 min Scan# 741
Delta R.T. 0.000 min
Lab File: BF136225.D
Acq: 27 Nov 2023 16:36

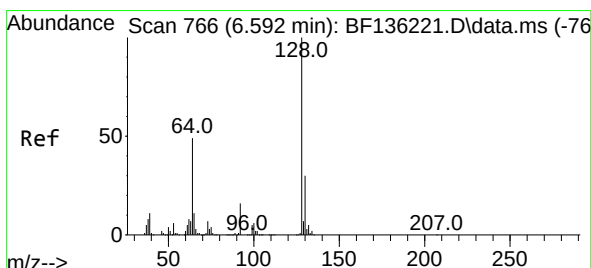
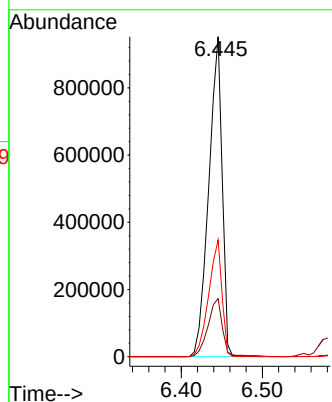
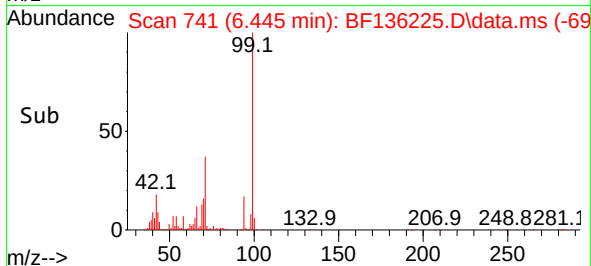
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Tgt Ion: 99 Resp: 108867
Ion Ratio Lower Upper
99 100
42 18.2 15.0 22.6
71 36.5 28.9 43.3

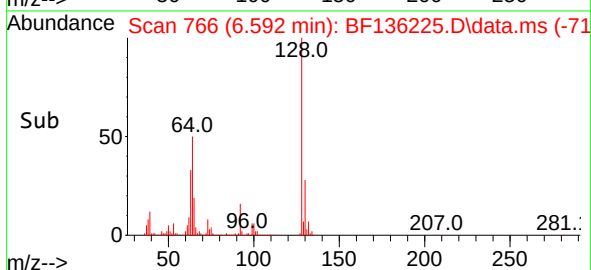
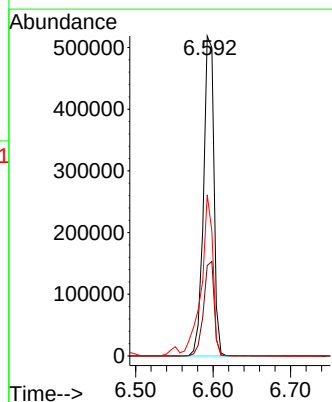
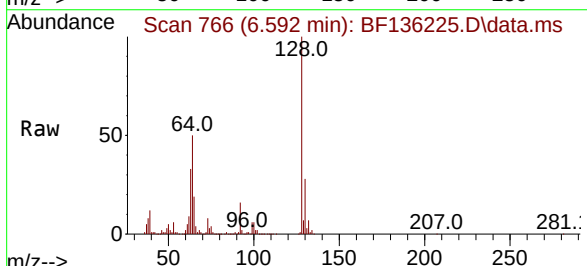
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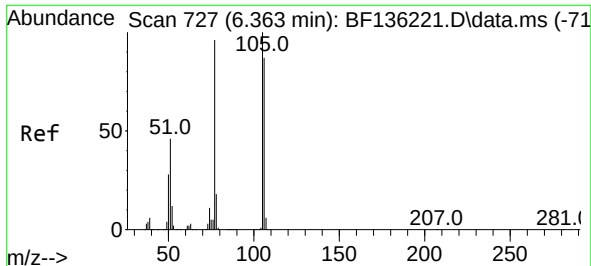
Reviewed By :Yogesh Patel 11/29/2023
Supervised By :mohammad ahmed 11/29/2023



#8
2-Chlorophenol
Concen: 42.200 ng
RT: 6.592 min Scan# 766
Delta R.T. 0.000 min
Lab File: BF136225.D
Acq: 27 Nov 2023 16:36

Tgt Ion:128 Resp: 484529
Ion Ratio Lower Upper
128 100
130 28.3 10.3 50.3
64 50.4 30.0 70.0





#9

Benzaldehyde

Concen: 37.657 ng

RT: 6.363 min Scan# 71

Delta R.T. 0.000 min

Lab File: BF136225.D

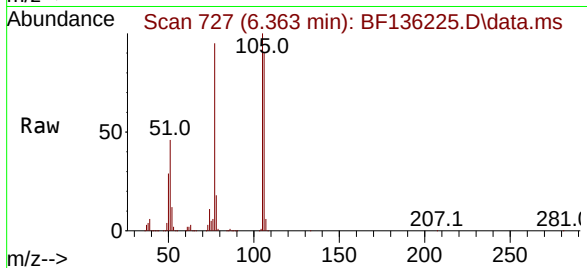
Acq: 27 Nov 2023 16:36

Instrument :

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Tgt Ion: 77 Resp: 276734

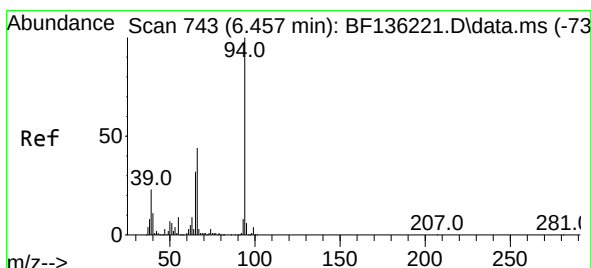
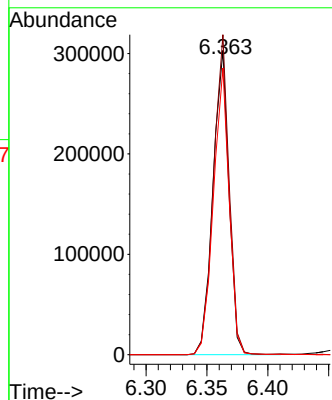
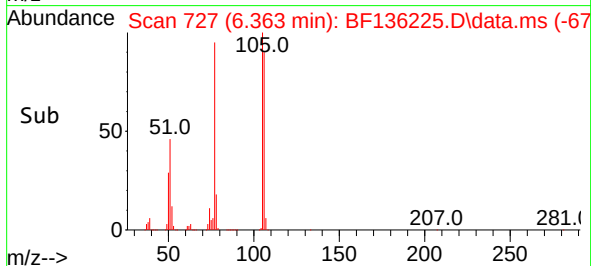
Ion	Ratio	Lower	Upper
77	100		
105	105.1	84.3	124.3
106	94.2	71.0	111.0

Manual Integrations

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#10

Phenol

Concen: 41.905 ng

RT: 6.457 min Scan# 743

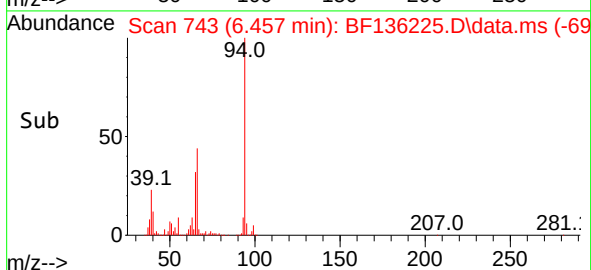
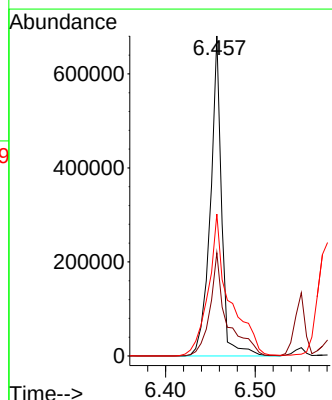
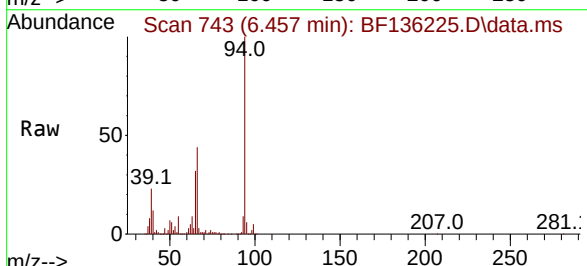
Delta R.T. 0.000 min

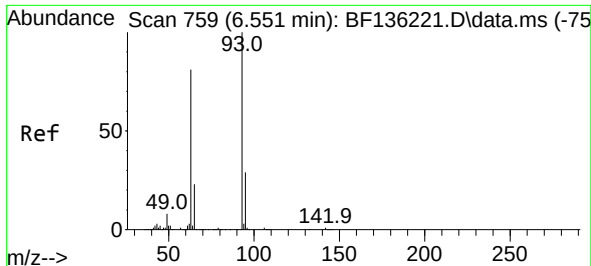
Lab File: BF136225.D

Acq: 27 Nov 2023 16:36

Tgt Ion: 94 Resp: 592763

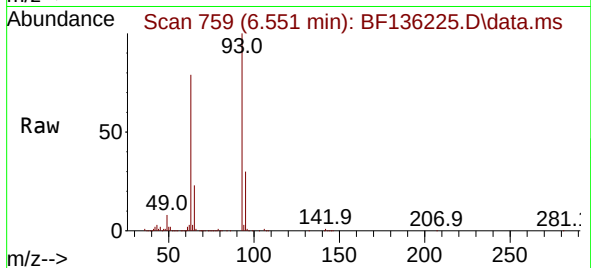
Ion	Ratio	Lower	Upper
94	100		
65	32.2	12.5	52.5
66	44.4	24.1	64.1





#11
bis(2-Chloroethyl)ether
Concen: 42.103 ng
RT: 6.551 min Scan# 759
Delta R.T. 0.000 min
Lab File: BF136225.D
Acq: 27 Nov 2023 16:36

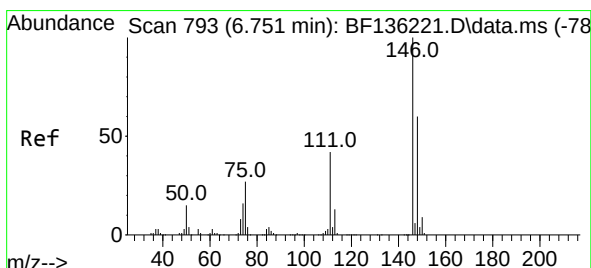
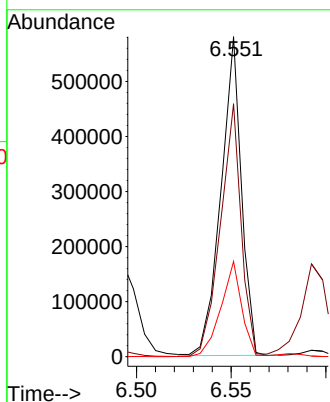
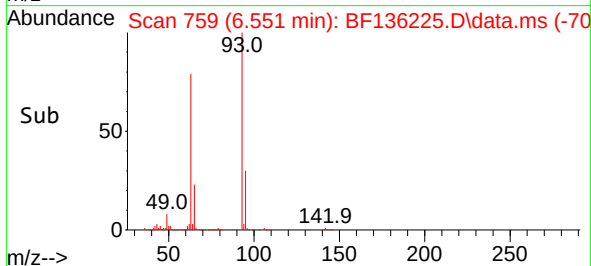
Instrument :
BNA_F
ClientSampleId :
ICVBF112723



Tgt Ion: 93 Resp: 436908
Ion Ratio Lower Upper
93 100
63 79.0 60.2 100.2
95 29.7 9.1 49.1

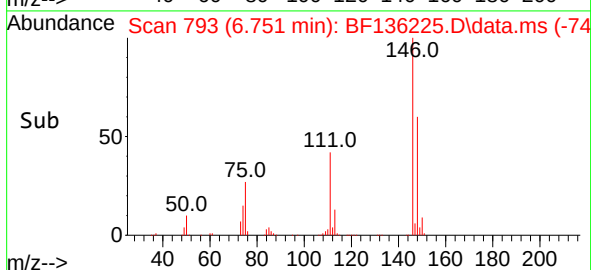
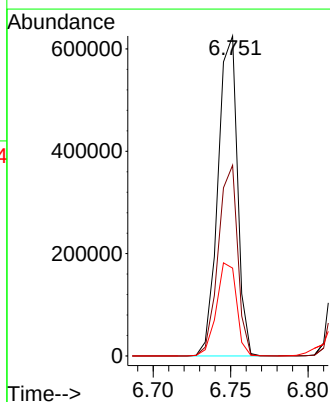
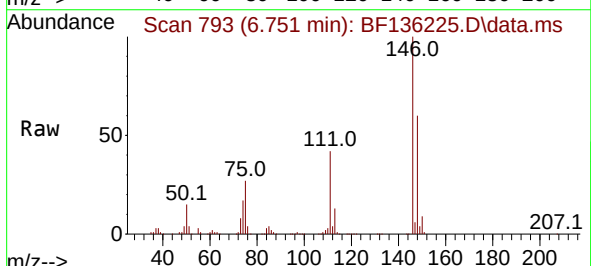
Manual Integrations
APPROVED

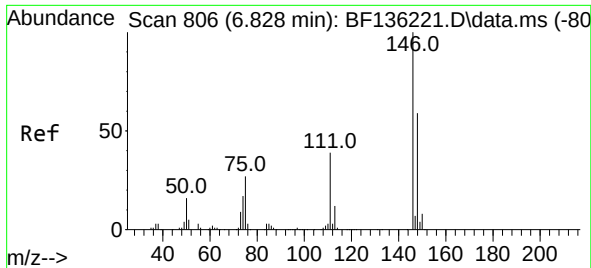
Reviewed By :Yogesh Patel 11/29/2023
Supervised By :mohammad ahmed 11/29/2023



#12
1,3-Dichlorobenzene
Concen: 41.976 ng
RT: 6.751 min Scan# 793
Delta R.T. 0.000 min
Lab File: BF136225.D
Acq: 27 Nov 2023 16:36

Tgt Ion:146 Resp: 546951
Ion Ratio Lower Upper
146 100
148 59.6 47.8 71.6
75 27.5 22.0 33.0





#13
1,4-Dichlorobenzene
Concen: 41.675 ng
RT: 6.828 min Scan# 806
Delta R.T. 0.000 min
Lab File: BF136225.D
Acq: 27 Nov 2023 16:36

Instrument :

BNA_F

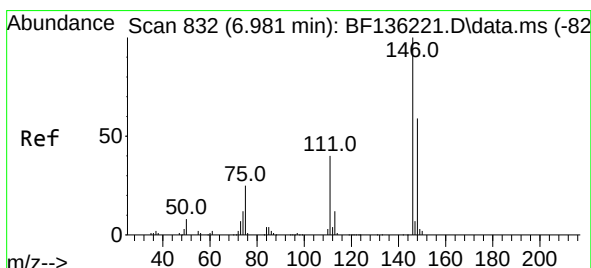
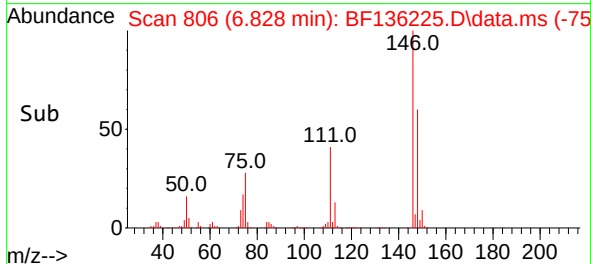
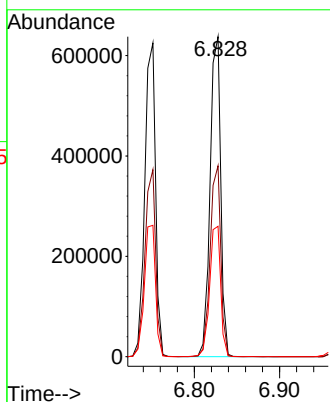
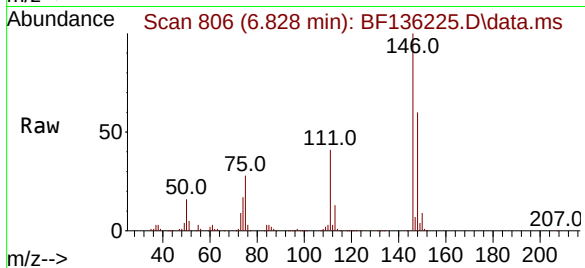
ClientSampleId :

ICVBF112723

Tgt Ion:146 Resp: 552028
Ion Ratio Lower Upper
146 100
148 59.6 47.0 70.6
111 40.8 31.5 47.3

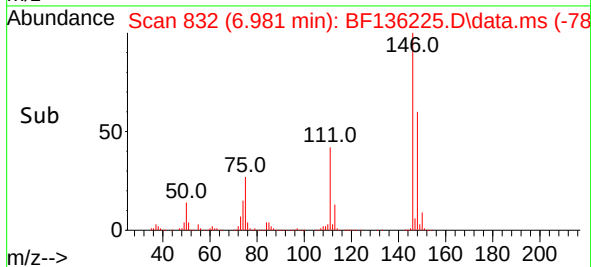
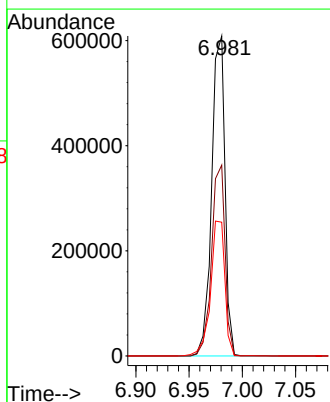
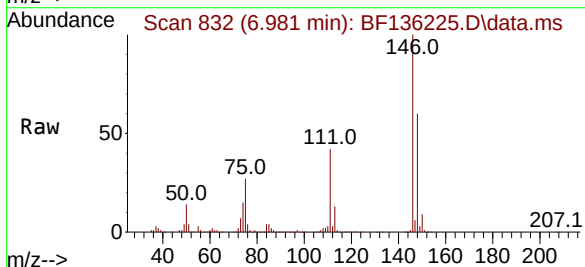
Manual Integrations
APPROVED

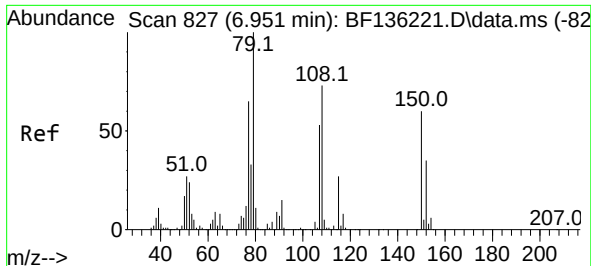
Reviewed By :Yogesh Patel 11/29/2023
Supervised By :mohammad ahmed 11/29/2023



#14
1,2-Dichlorobenzene
Concen: 42.027 ng
RT: 6.981 min Scan# 832
Delta R.T. 0.000 min
Lab File: BF136225.D
Acq: 27 Nov 2023 16:36

Tgt Ion:146 Resp: 527020
Ion Ratio Lower Upper
146 100
148 59.7 47.3 70.9
111 41.8 32.4 48.6





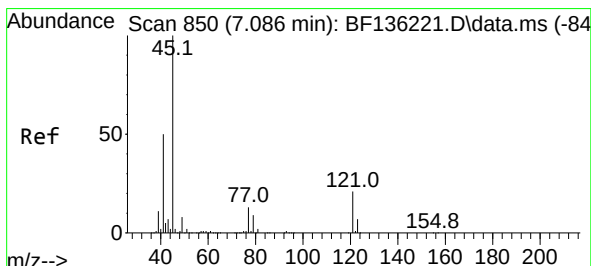
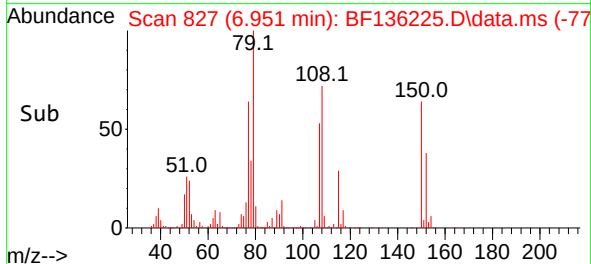
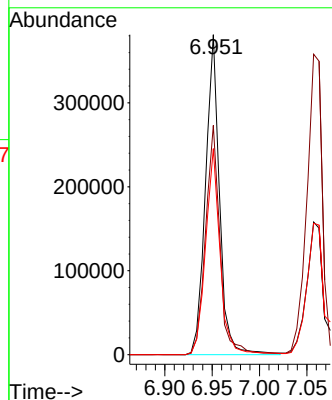
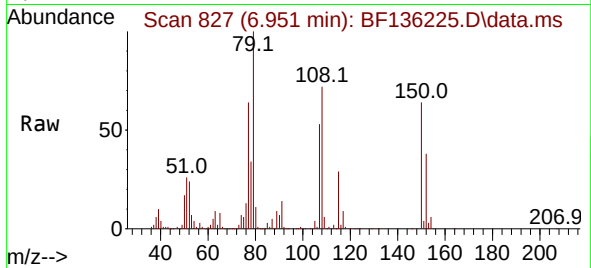
#15
Benzyl Alcohol
Concen: 42.355 ng
RT: 6.951 min Scan# 81
Delta R.T. 0.000 min
Lab File: BF136225.D
Acq: 27 Nov 2023 16:36

Instrument :
BNA_F
ClientSampleId :
ICVBF112723

Tgt Ion: 79 Resp: 39154
Ion Ratio Lower Upper
79 100
108 71.6 58.1 87.1
77 64.4 51.8 77.8

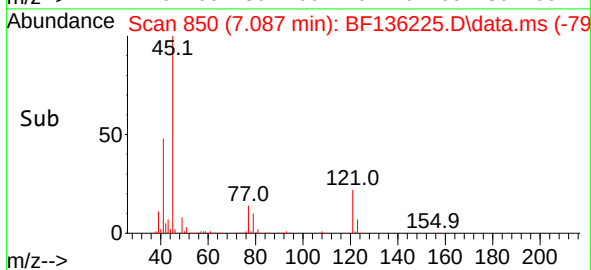
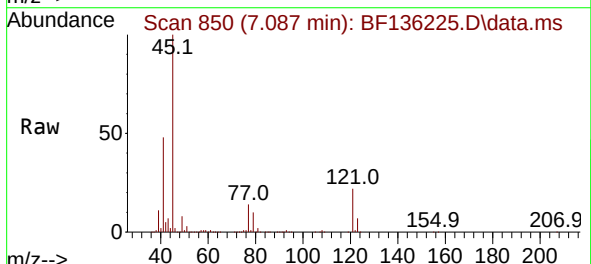
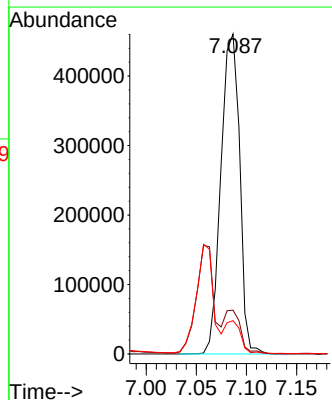
Manual Integrations
APPROVED

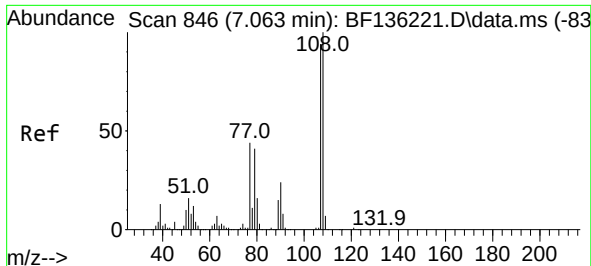
Reviewed By :Yogesh Patel 11/29/2023
Supervised By :mohammad ahmed 11/29/2023



#16
2,2'-oxybis(1-Chloropropane)
Concen: 41.395 ng
RT: 7.087 min Scan# 850
Delta R.T. 0.000 min
Lab File: BF136225.D
Acq: 27 Nov 2023 16:36

Tgt Ion: 45 Resp: 596673
Ion Ratio Lower Upper
45 100
77 13.7 0.0 34.0
79 10.4 0.0 30.1





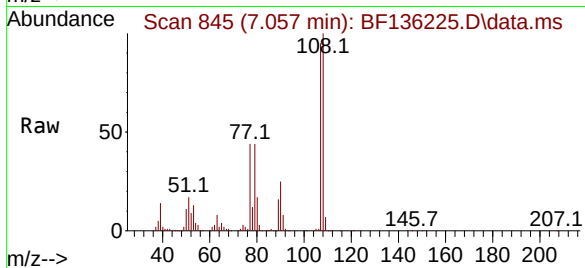
#17
2-Methylphenol
Concen: 41.864 ng
RT: 7.057 min Scan# 846
Delta R.T. -0.006 min
Lab File: BF136225.D
Acq: 27 Nov 2023 16:36

Instrument :

BNA_F

ClientSampleId :

ICVBF112723

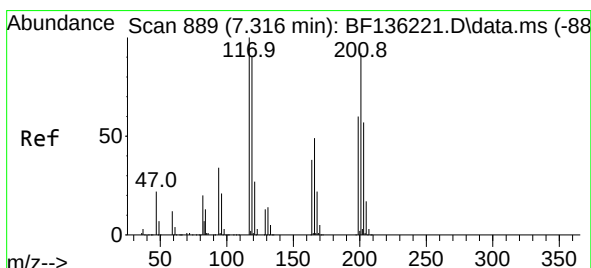
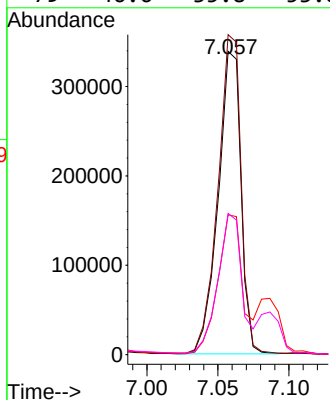
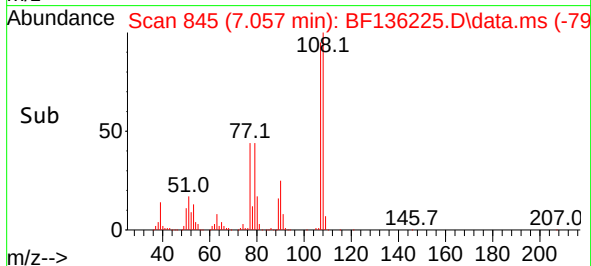


Tgt Ion:107 Resp: 377890
Ion Ratio Lower Upper
107 100
108 105.5 85.4 128.0
77 46.1 37.4 56.2
79 46.6 35.8 53.8

Manual Integrations

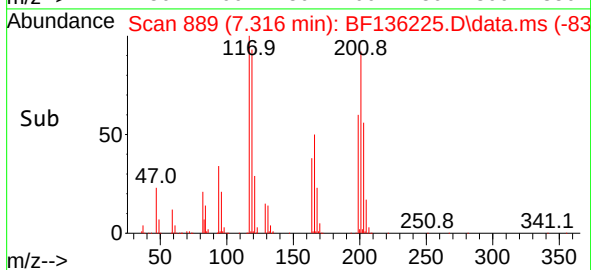
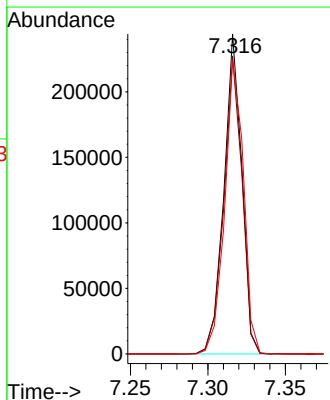
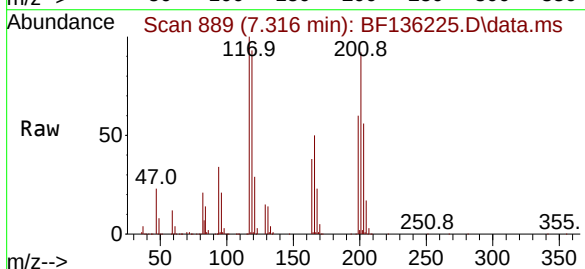
APPROVED

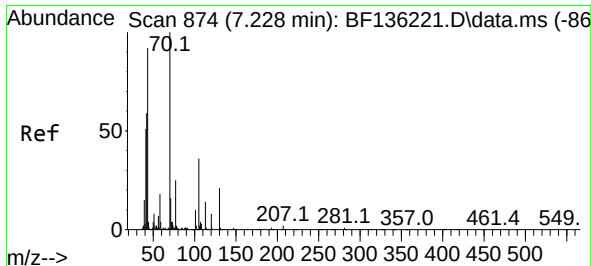
Reviewed By :Yogesh Patel 11/29/2023
Supervised By :mohammad ahmed 11/29/2023



#18
Hexachloroethane
Concen: 42.163 ng
RT: 7.316 min Scan# 889
Delta R.T. 0.000 min
Lab File: BF136225.D
Acq: 27 Nov 2023 16:36

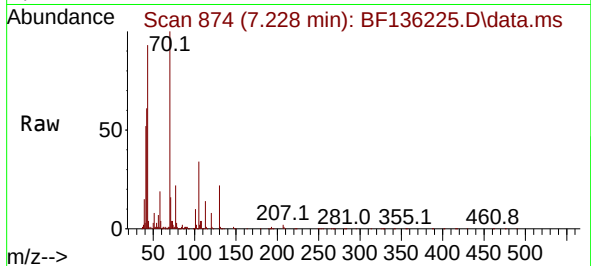
Tgt Ion:117 Resp: 195901
Ion Ratio Lower Upper
117 100
119 93.1 71.6 107.4
201 91.6 73.4 110.2





#19
n-Nitroso-di-n-propylamine
Concen: 41.858 ng
RT: 7.228 min Scan# 81
Delta R.T. 0.000 min
Lab File: BF136225.D
Acq: 27 Nov 2023 16:36

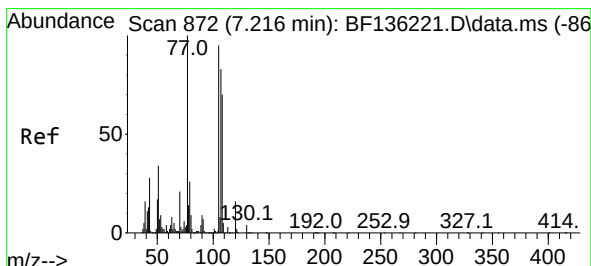
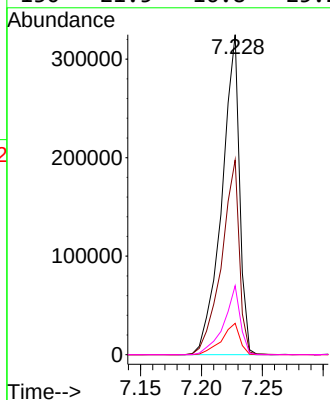
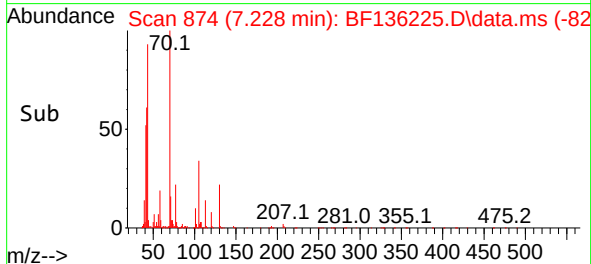
Instrument :
BNA_F
ClientSampleId :
ICVBF112723



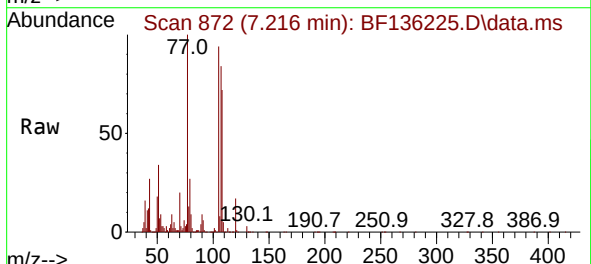
Tgt Ion: 70 Resp: 33008
Ion Ratio Lower Upper
70 100
42 60.9 47.0 70.4
101 9.8 7.8 11.8
130 21.5 16.8 25.2

Manual Integrations
APPROVED

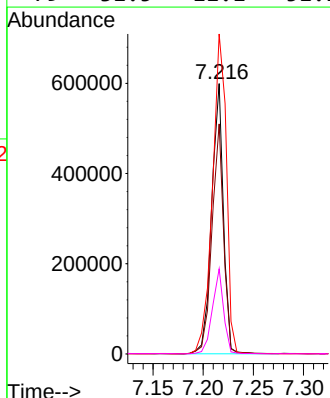
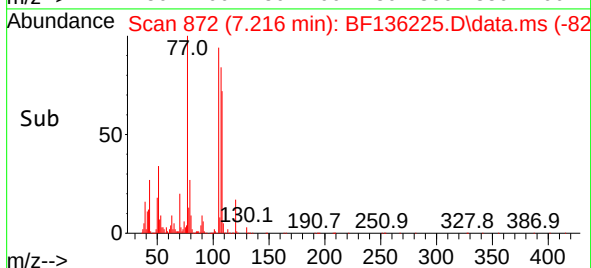
Reviewed By :Yogesh Patel 11/29/2023
Supervised By :mohammad ahmed 11/29/2023

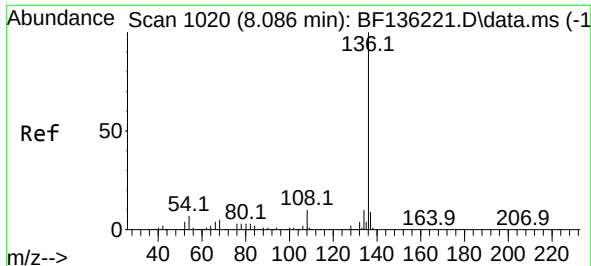


#20
3+4-Methylphenols
Concen: 41.541 ng
RT: 7.216 min Scan# 872
Delta R.T. 0.000 min
Lab File: BF136225.D
Acq: 27 Nov 2023 16:36



Tgt Ion:107 Resp: 487340
Ion Ratio Lower Upper
107 100
108 85.1 63.9 103.9
77 118.4 100.2 140.2
79 31.5 11.1 51.1





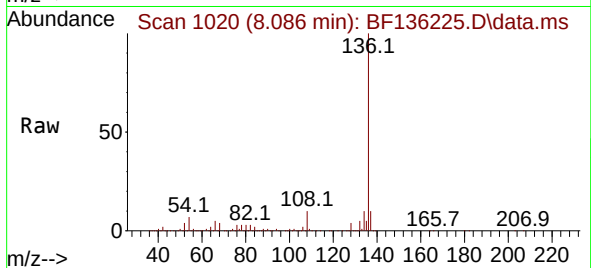
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.086 min Scan# 1020
Delta R.T. 0.000 min
Lab File: BF136225.D
Acq: 27 Nov 2023 16:36

Instrument :

BNA_F

ClientSampleId :

ICVBF112723

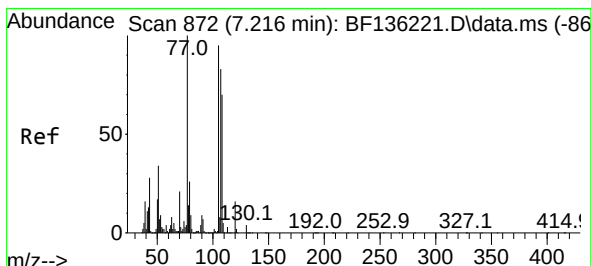
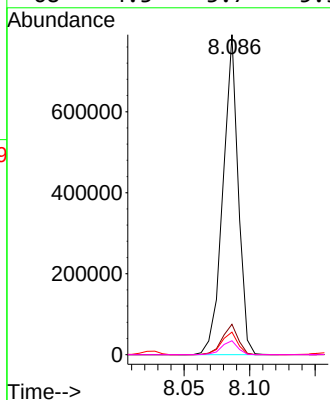
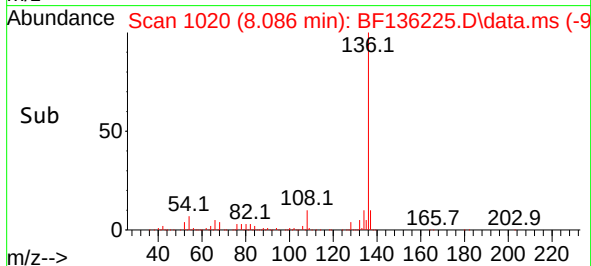


Tgt Ion:136 Resp: 637090
Ion Ratio Lower Upper
136 100
137 9.5 7.4 11.2
54 7.1 5.5 8.3
68 4.3 3.7 5.5

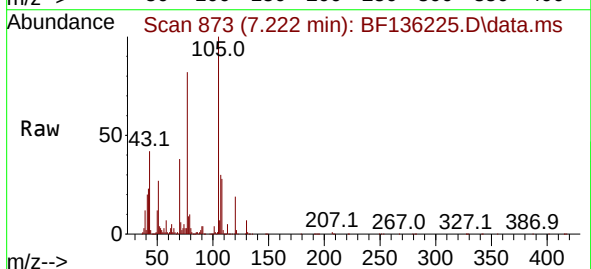
Manual Integrations

APPROVED

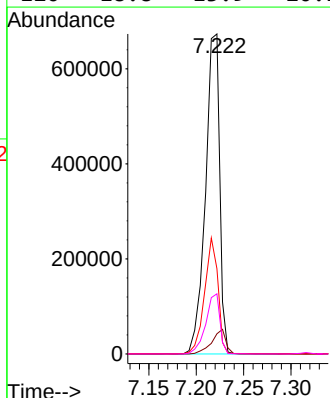
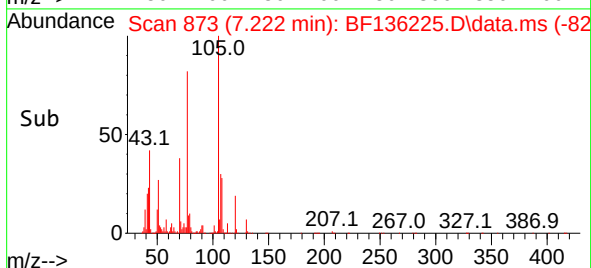
Reviewed By :Yogesh Patel 11/29/2023
Supervised By :mohammad ahmed 11/29/2023

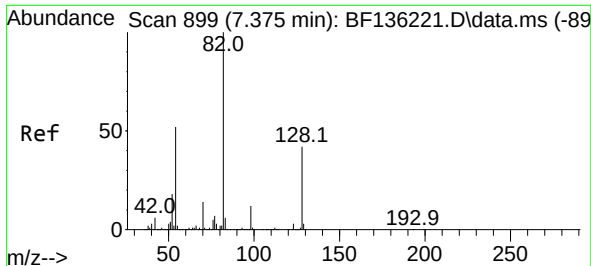


#22
Acetophenone
Concen: 42.108 ng
RT: 7.222 min Scan# 873
Delta R.T. 0.006 min
Lab File: BF136225.D
Acq: 27 Nov 2023 16:36



Tgt Ion:105 Resp: 704553
Ion Ratio Lower Upper
105 100
71 6.3 2.8 4.2#
51 26.6 29.0 43.6#
120 18.8 13.9 20.9





#23

Nitrobenzene-d5

Concen: 84.789 ng

RT: 7.375 min Scan# 899

Delta R.T. 0.000 min

Lab File: BF136225.D

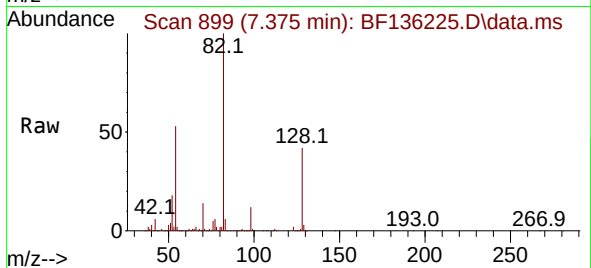
Acq: 27 Nov 2023 16:36

Instrument :

BNF

ClientSampleId :

ICVBF112723



Tgt Ion: 82 Resp: 1022229

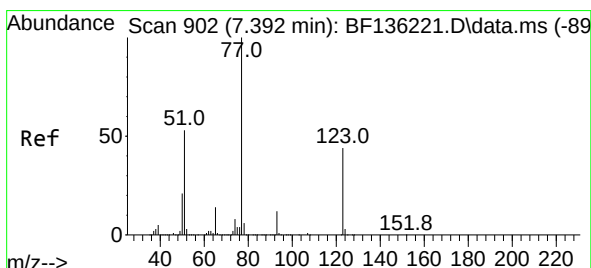
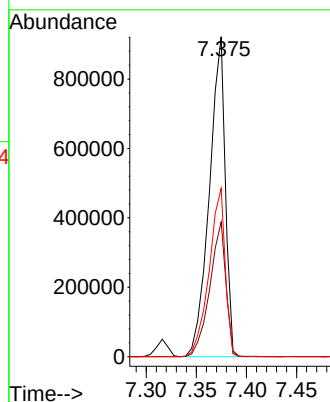
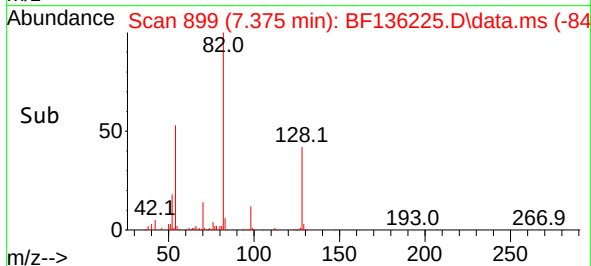
Ion	Ratio	Lower	Upper
82	100		
128	42.1	33.4	50.2
54	52.6	41.7	62.5

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 11/29/2023

Supervised By :mohammad ahmed 11/29/2023



#24

Nitrobenzene

Concen: 42.212 ng

RT: 7.392 min Scan# 902

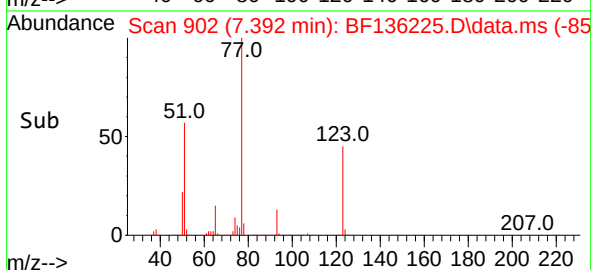
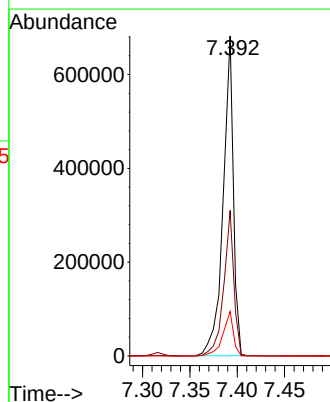
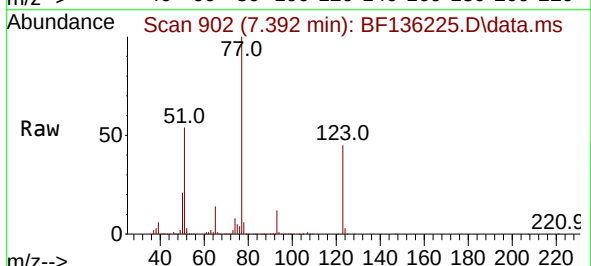
Delta R.T. 0.000 min

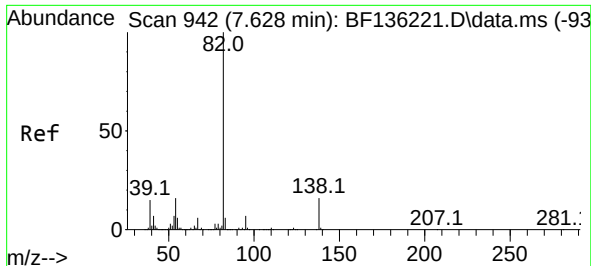
Lab File: BF136225.D

Acq: 27 Nov 2023 16:36

Tgt Ion: 77 Resp: 515733

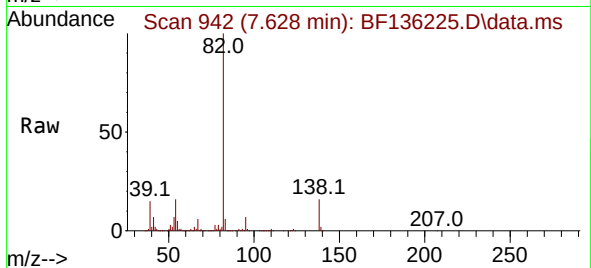
Ion	Ratio	Lower	Upper
77	100		
123	45.5	35.4	53.2
65	13.9	11.0	16.6





#25
Isophorone
Concen: 42.054 ng
RT: 7.628 min Scan# 942
Delta R.T. 0.000 min
Lab File: BF136225.D
Acq: 27 Nov 2023 16:36

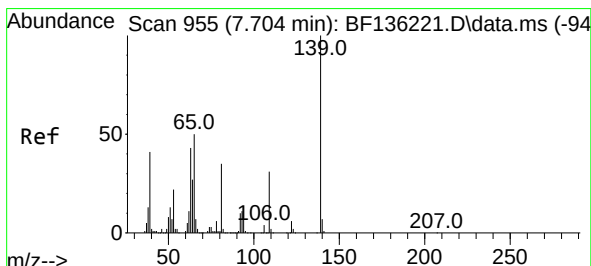
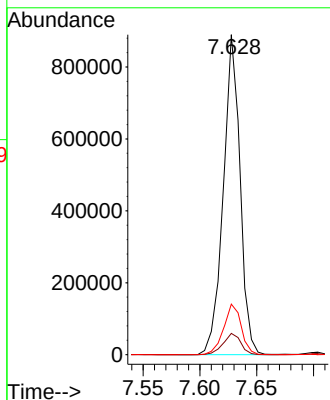
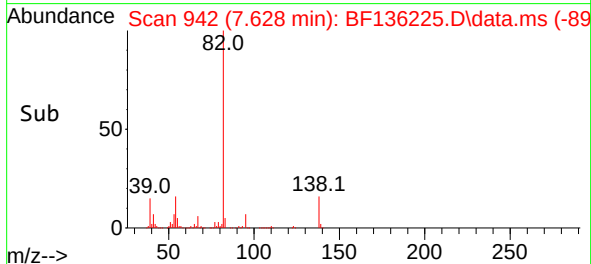
Instrument :
BNA_F
ClientSampleId :
ICVBF112723



Tgt Ion: 82 Resp: 914208
Ion Ratio Lower Upper
82 100
95 6.7 5.5 8.3
138 15.8 12.8 19.2

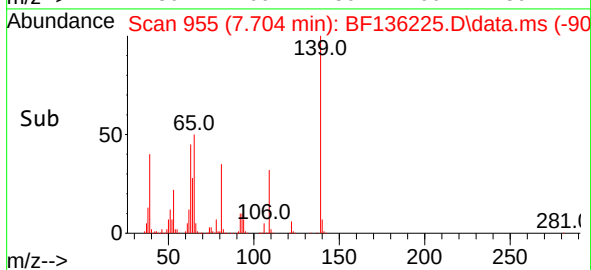
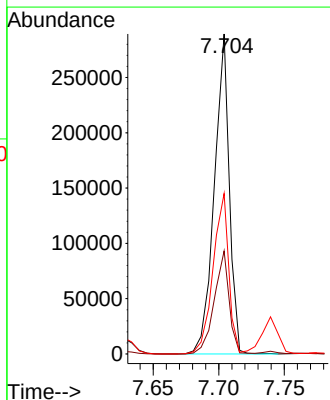
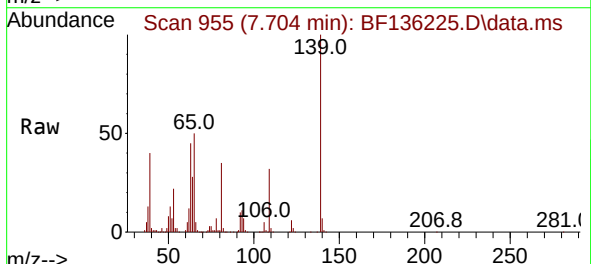
Manual Integrations
APPROVED

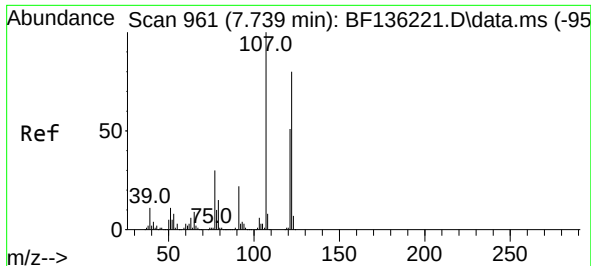
Reviewed By :Yogesh Patel 11/29/2023
Supervised By :mohammad ahmed 11/29/2023



#26
2-Nitrophenol
Concen: 44.109 ng
RT: 7.704 min Scan# 955
Delta R.T. 0.000 min
Lab File: BF136225.D
Acq: 27 Nov 2023 16:36

Tgt Ion:139 Resp: 229612
Ion Ratio Lower Upper
139 100
109 32.2 25.0 37.6
65 50.2 40.4 60.6





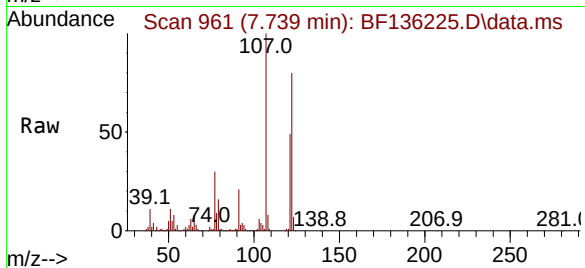
#27
2,4-Dimethylphenol
Concen: 41.885 ng
RT: 7.739 min Scan# 961
Delta R.T. 0.000 min
Lab File: BF136225.D
Acq: 27 Nov 2023 16:36

Instrument :

BNA_F

ClientSampleId :

ICVBF112723

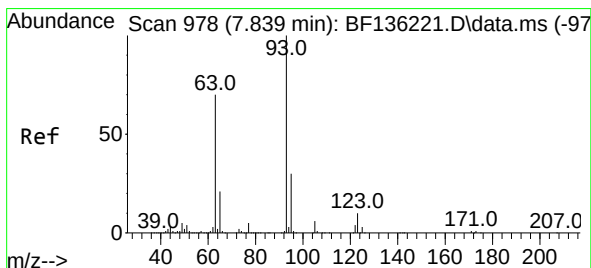
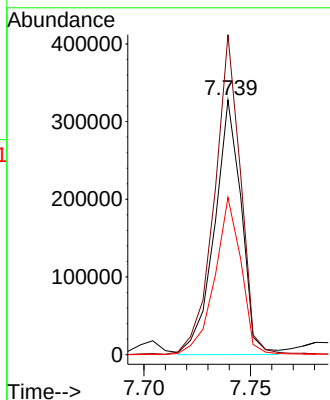
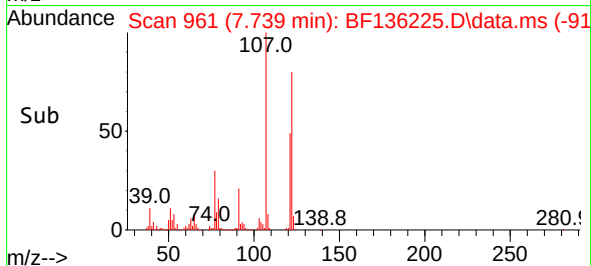


Tgt Ion:122 Resp: 286984
Ion Ratio Lower Upper
122 100
107 125.6 100.0 150.0
121 61.8 50.7 76.1

Manual Integrations

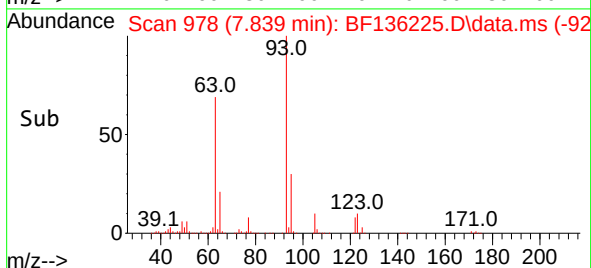
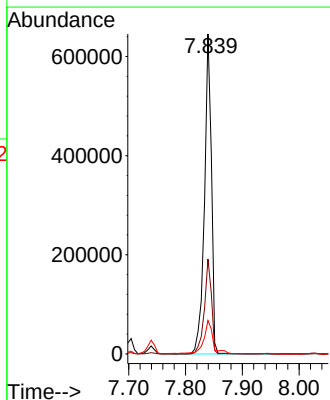
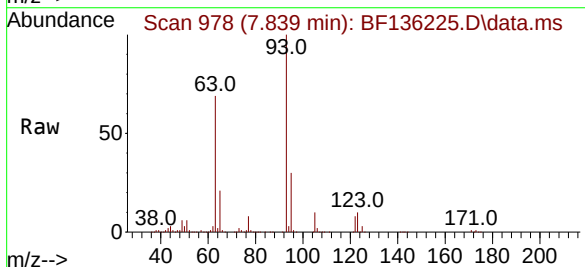
APPROVED

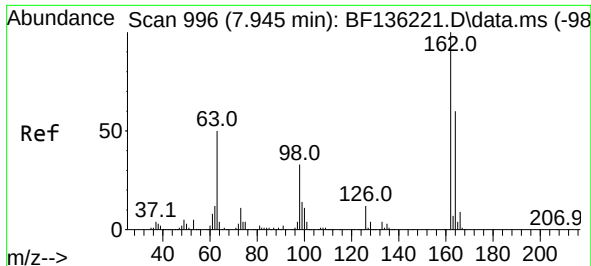
Reviewed By :Yogesh Patel 11/29/2023
Supervised By :mohammad ahmed 11/29/2023



#28
bis(2-Chloroethoxy)methane
Concen: 41.702 ng
RT: 7.839 min Scan# 978
Delta R.T. 0.000 min
Lab File: BF136225.D
Acq: 27 Nov 2023 16:36

Tgt Ion: 93 Resp: 548363
Ion Ratio Lower Upper
93 100
95 29.7 23.8 35.6
123 10.5 8.2 12.4





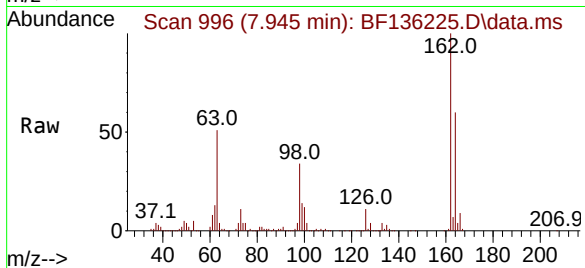
#29
2,4-Dichlorophenol
Concen: 42.605 ng
RT: 7.945 min Scan# 996
Delta R.T. 0.000 min
Lab File: BF136225.D
Acq: 27 Nov 2023 16:36

Instrument :

BNA_F

ClientSampleId :

ICVBF112723

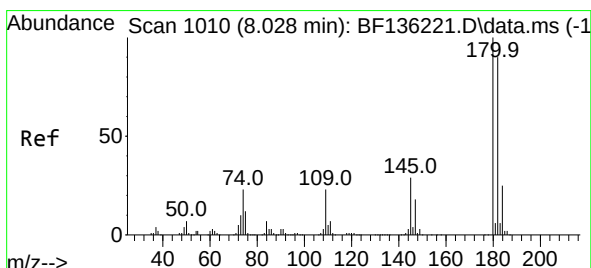
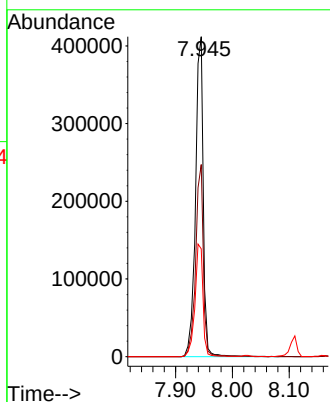
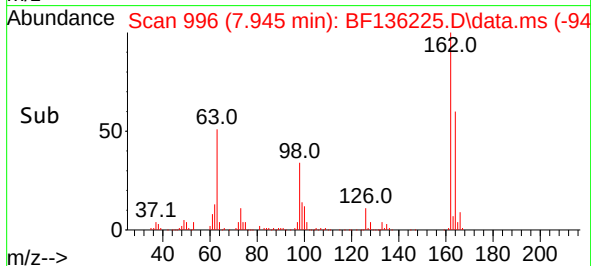


Tgt Ion:162 Resp: 393744
Ion Ratio Lower Upper
162 100
164 60.0 40.3 80.3
98 33.7 13.0 53.0

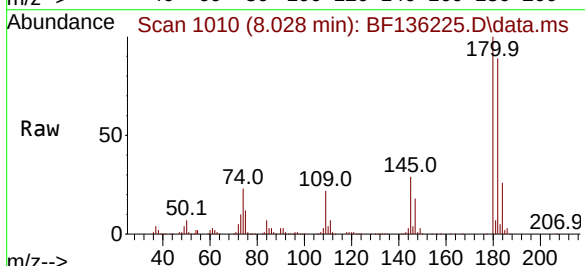
Manual Integrations

APPROVED

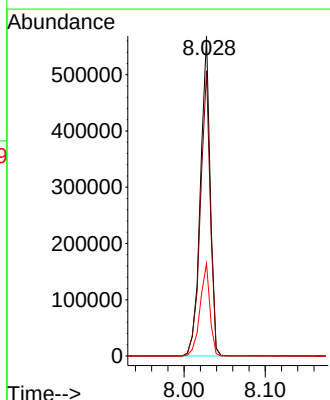
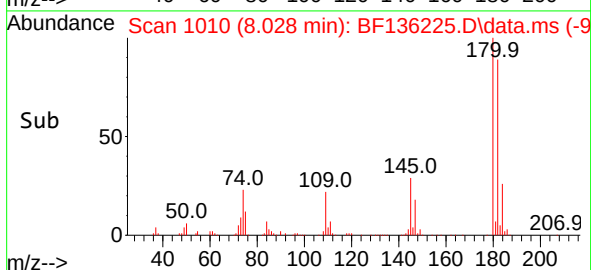
Reviewed By :Yogesh Patel 11/29/2023
Supervised By :mohammad ahmed 11/29/2023

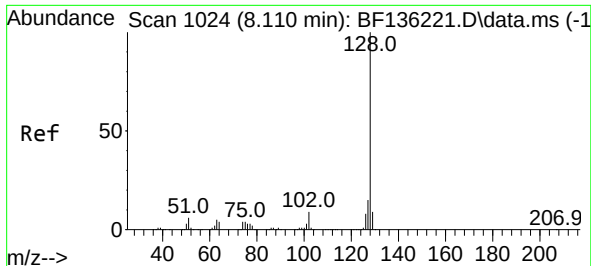


#30
1,2,4-Trichlorobenzene
Concen: 42.018 ng
RT: 8.028 min Scan# 1010
Delta R.T. 0.000 min
Lab File: BF136225.D
Acq: 27 Nov 2023 16:36



Tgt Ion:180 Resp: 475428
Ion Ratio Lower Upper
180 100
182 89.1 71.6 107.4
145 28.8 23.0 34.4





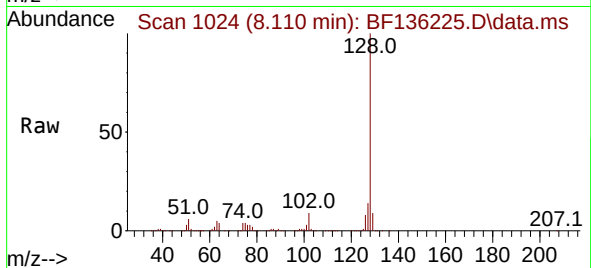
#31
Naphthalene
Concen: 42.073 ng
RT: 8.110 min Scan# 1024
Delta R.T. 0.000 min
Lab File: BF136225.D
Acq: 27 Nov 2023 16:36

Instrument :

BNF_F

ClientSampleId :

ICVBF112723

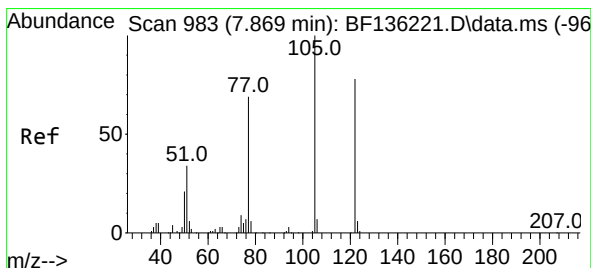
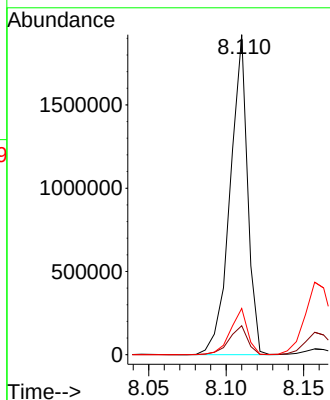
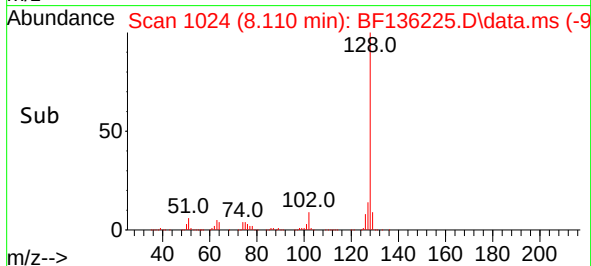


Tgt Ion:128 Resp: 1506620
Ion Ratio Lower Upper
128 100
129 9.1 7.3 10.9
127 14.4 11.8 17.6

Manual Integrations

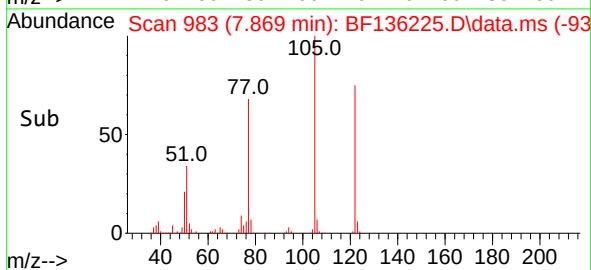
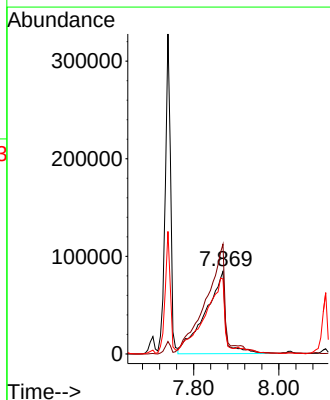
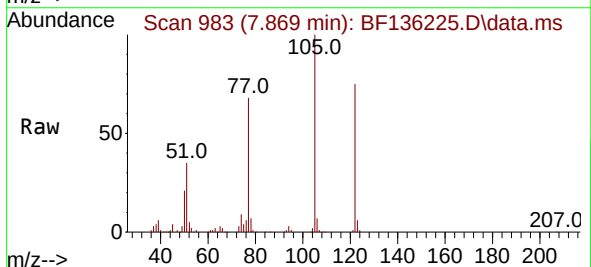
APPROVED

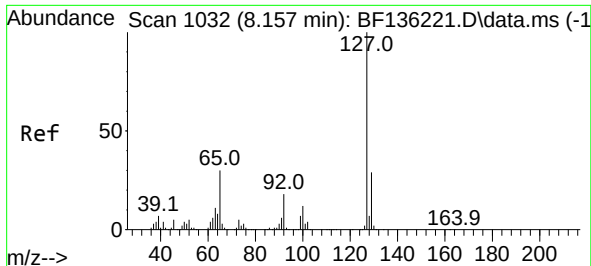
Reviewed By :Yogesh Patel 11/29/2023
Supervised By :mohammad ahmed 11/29/2023



#32
Benzoic acid
Concen: 44.798 ng
RT: 7.869 min Scan# 983
Delta R.T. 0.000 min
Lab File: BF136225.D
Acq: 27 Nov 2023 16:36

Tgt Ion:122 Resp: 279738
Ion Ratio Lower Upper
122 100
105 132.9 103.7 143.7
77 90.9 66.8 106.8





#33
4-Chloroaniline
Concen: 42.393 ng
RT: 8.157 min Scan# 1032
Delta R.T. 0.000 min
Lab File: BF136225.D
Acq: 27 Nov 2023 16:36

Instrument :

BNA_F

ClientSampleId :

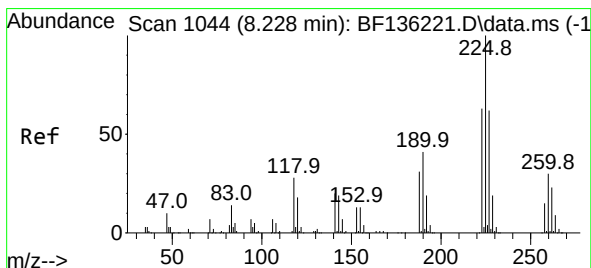
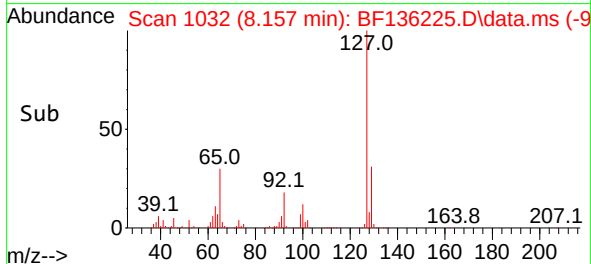
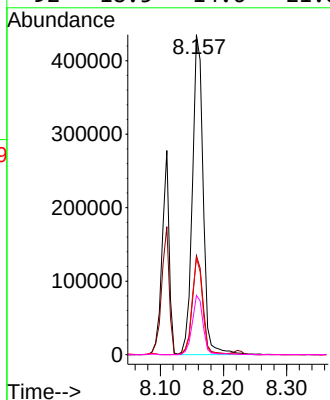
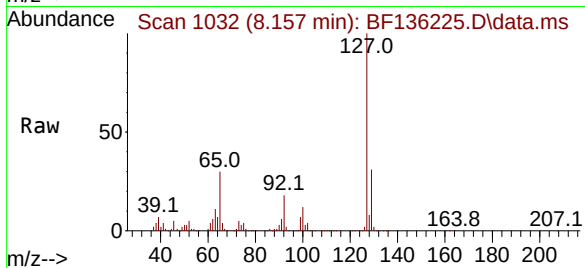
ICVBF112723

Tgt Ion:127 Resp: 51601
Ion Ratio Lower Upper
127 100
129 30.9 23.4 35.2
65 30.2 23.8 35.6
92 18.5 14.6 21.8

Manual Integrations

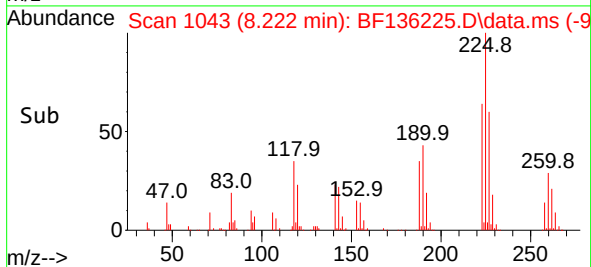
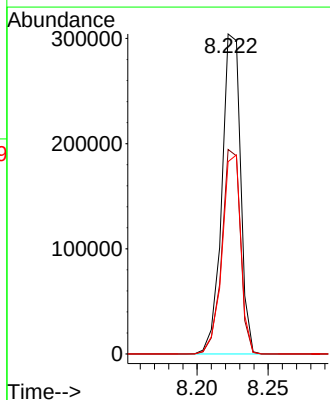
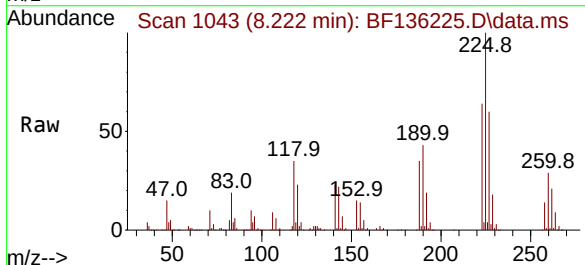
APPROVED

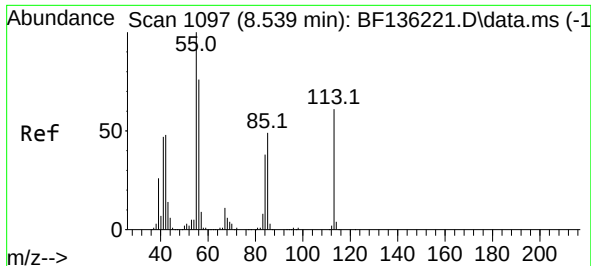
Reviewed By :Yogesh Patel 11/29/2023
Supervised By :mohammad ahmed 11/29/2023



#34
Hexachlorobutadiene
Concen: 42.013 ng
RT: 8.222 min Scan# 1043
Delta R.T. -0.006 min
Lab File: BF136225.D
Acq: 27 Nov 2023 16:36

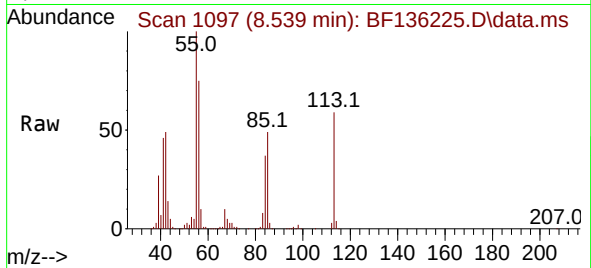
Tgt Ion:225 Resp: 278110
Ion Ratio Lower Upper
225 100
223 63.9 50.6 75.8
227 60.1 49.6 74.4





#35
Caprolactam
Concen: 41.407 ng
RT: 8.539 min Scan# 1097
Delta R.T. 0.000 min
Lab File: BF136225.D
Acq: 27 Nov 2023 16:36

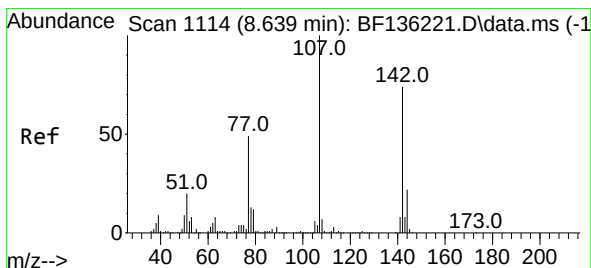
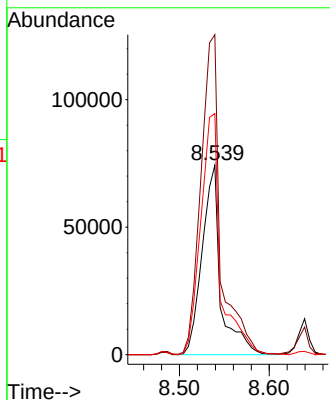
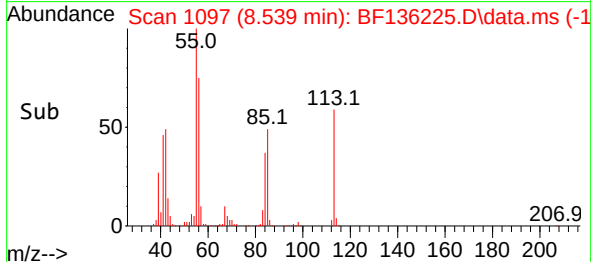
Instrument :
BNA_F
ClientSampleId :
ICVBF112723



Tgt Ion:113 Resp: 106979
Ion Ratio Lower Upper
113 100
55 169.0 143.1 183.1
56 127.3 103.6 143.6

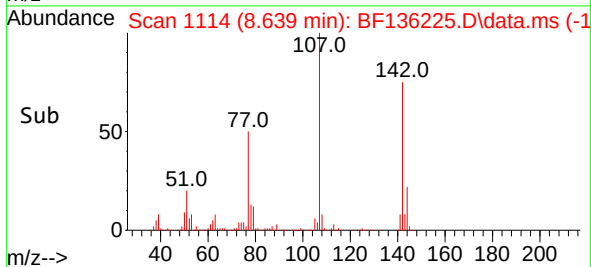
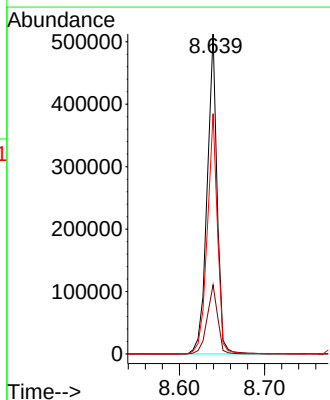
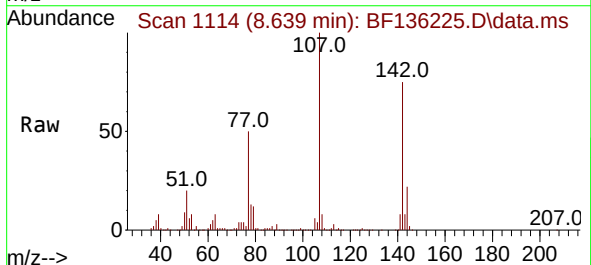
Manual Integrations
APPROVED

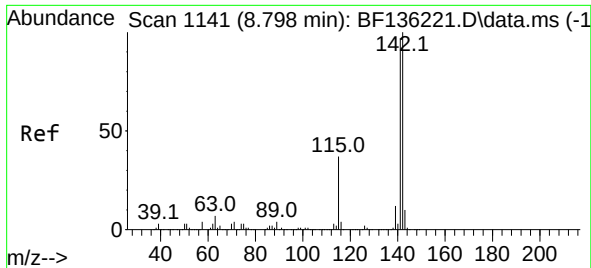
Reviewed By :Yogesh Patel 11/29/2023
Supervised By :mohammad ahmed 11/29/2023



#36
4-Chloro-3-methylphenol
Concen: 41.630 ng
RT: 8.639 min Scan# 1114
Delta R.T. 0.000 min
Lab File: BF136225.D
Acq: 27 Nov 2023 16:36

Tgt Ion:107 Resp: 417272
Ion Ratio Lower Upper
107 100
144 21.6 17.8 26.8
142 75.1 59.4 89.0





#37
2-Methylnaphthalene
Concen: 41.075 ng
RT: 8.798 min Scan# 1141
Delta R.T. 0.000 min
Lab File: BF136225.D
Acq: 27 Nov 2023 16:36

Instrument :

BNA_F

ClientSampleId :

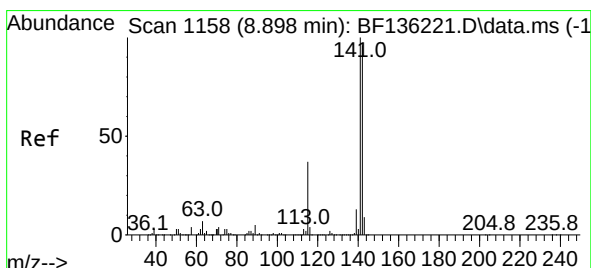
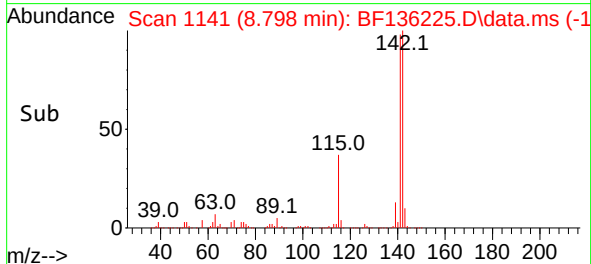
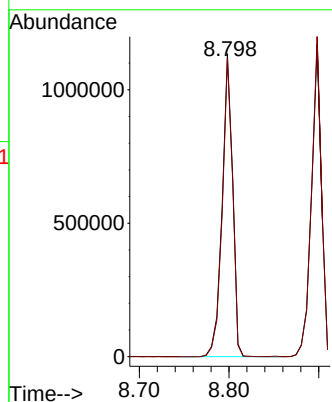
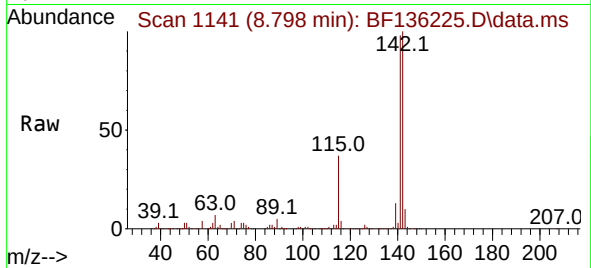
ICVBF112723

Tgt Ion:142 Resp: 922660
Ion Ratio Lower Upper
142 100
141 98.4 77.8 116.8

Manual Integrations

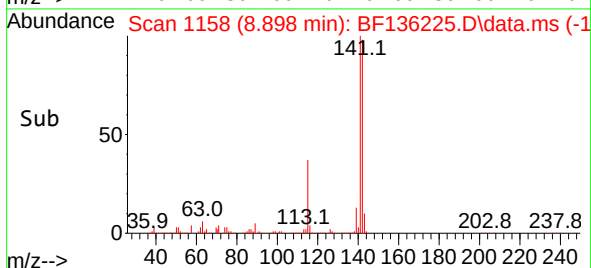
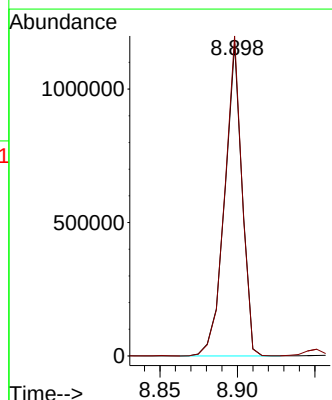
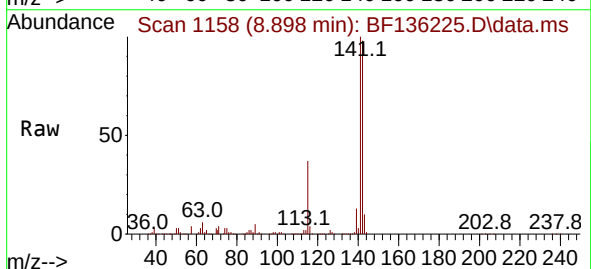
APPROVED

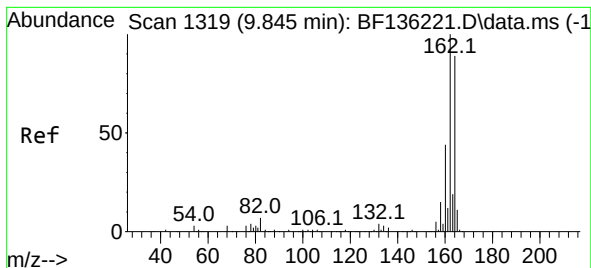
Reviewed By :Yogesh Patel 11/29/2023
Supervised By :mohammad ahmed 11/29/2023



#38
1-Methylnaphthalene
Concen: 41.587 ng
RT: 8.898 min Scan# 1158
Delta R.T. 0.000 min
Lab File: BF136225.D
Acq: 27 Nov 2023 16:36

Tgt Ion:142 Resp: 911291
Ion Ratio Lower Upper
142 100
141 102.5 83.8 125.6





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.845 min Scan# 1169

Delta R.T. 0.000 min

Lab File: BF136225.D

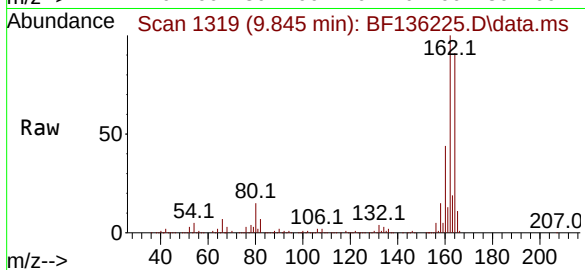
Acq: 27 Nov 2023 16:36

Instrument :

BNA_F

ClientSampleId :

ICVBF112723



Tgt Ion:164 Resp: 321254

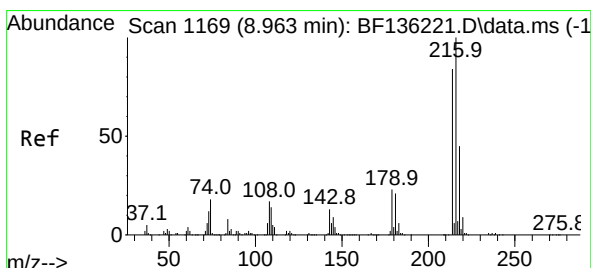
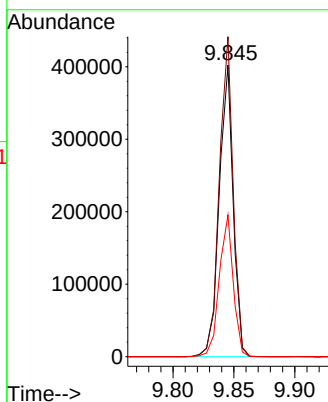
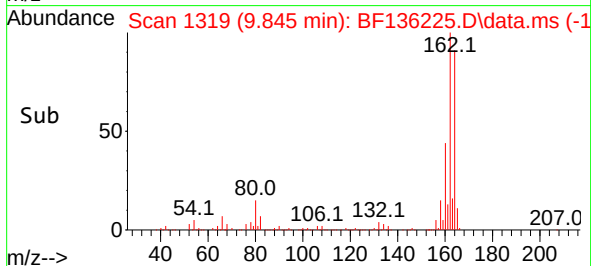
Ion	Ratio	Lower	Upper
164	100		
162	109.8	89.5	134.3
160	48.7	39.6	59.4

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 11/29/2023

Supervised By :mohammad ahmed 11/29/2023



#40

1,2,4,5-Tetrachlorobenzene

Concen: 42.706 ng

RT: 8.963 min Scan# 1169

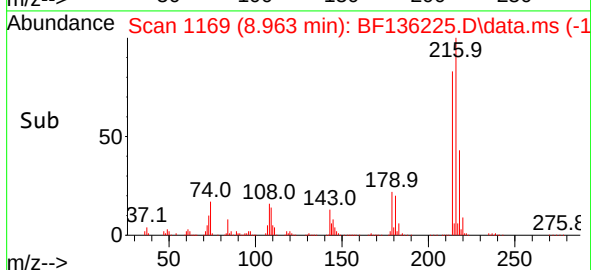
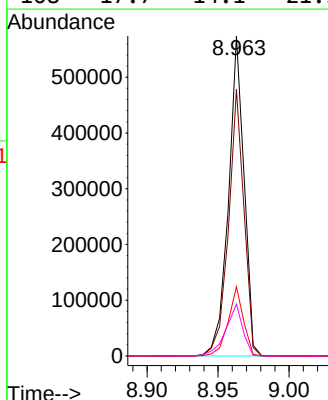
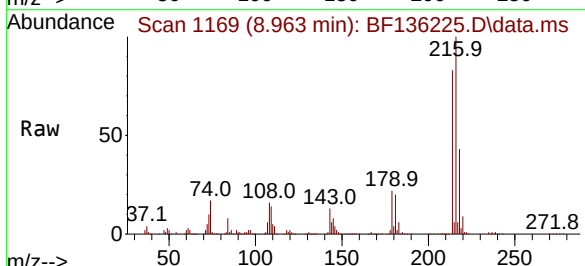
Delta R.T. 0.000 min

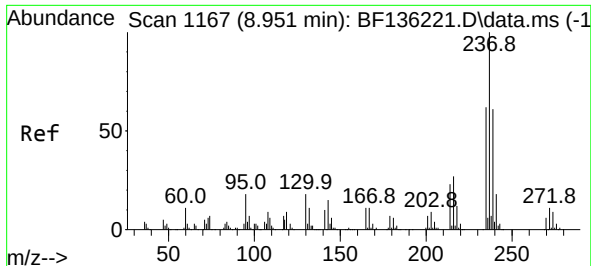
Lab File: BF136225.D

Acq: 27 Nov 2023 16:36

Tgt Ion:216 Resp: 436623

Ion	Ratio	Lower	Upper
216	100		
214	82.4	65.8	98.8
179	21.1	17.4	26.0
108	17.7	14.1	21.1





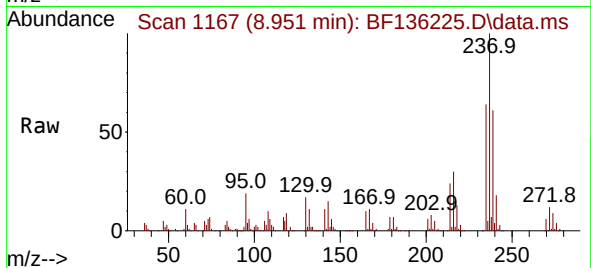
#41
Hexachlorocyclopentadiene
Concen: 44.024 ng
RT: 8.951 min Scan# 1167
Delta R.T. 0.000 min
Lab File: BF136225.D
Acq: 27 Nov 2023 16:36

Instrument :

BNA_F

ClientSampleId :

ICVBF112723

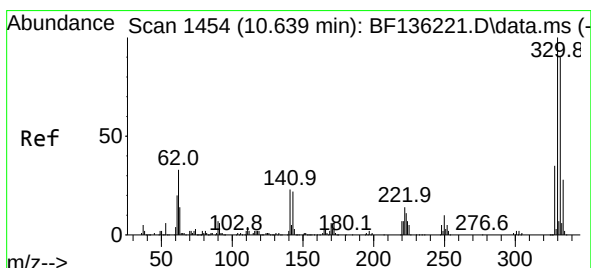
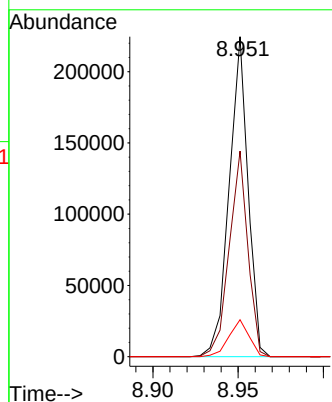
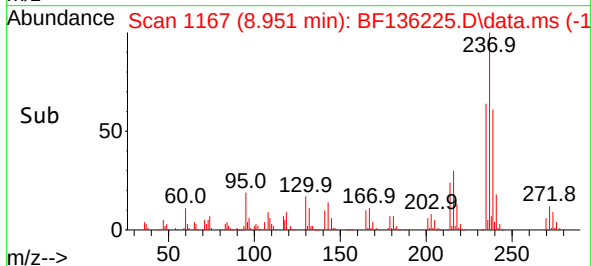


Tgt Ion:237 Resp: 173192
Ion Ratio Lower Upper
237 100
235 64.2 42.1 82.1
272 11.5 0.0 31.0

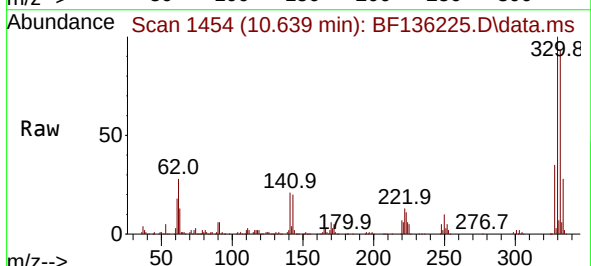
Manual Integrations

APPROVED

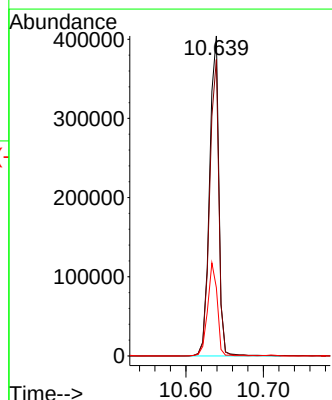
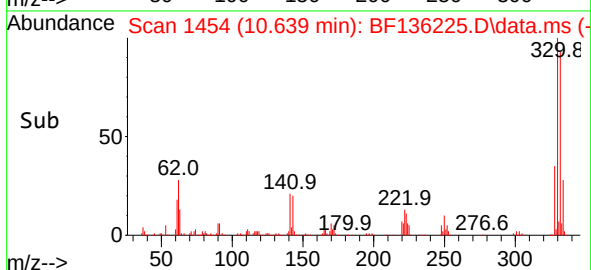
Reviewed By :Yogesh Patel 11/29/2023
Supervised By :mohammad ahmed 11/29/2023

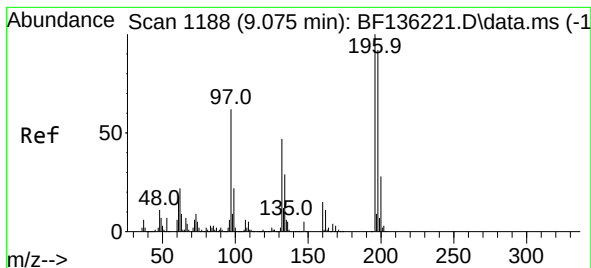


#42
2,4,6-Tribromophenol
Concen: 85.591 ng
RT: 10.639 min Scan# 1454
Delta R.T. 0.000 min
Lab File: BF136225.D
Acq: 27 Nov 2023 16:36



Tgt Ion:330 Resp: 336169
Ion Ratio Lower Upper
330 100
332 92.6 73.0 109.6
141 30.0 24.2 36.2





#43

2,4,6-Trichlorophenol

Concen: 42.370 ng

RT: 9.075 min Scan# 1188

Delta R.T. 0.000 min

Lab File: BF136225.D

Acq: 27 Nov 2023 16:36

Instrument :

BNA_F

ClientSampleId :

ICVBF112723

Tgt Ion:196 Resp: 281169

Ion Ratio Lower Upper

196 100

198 94.4 73.2 109.8

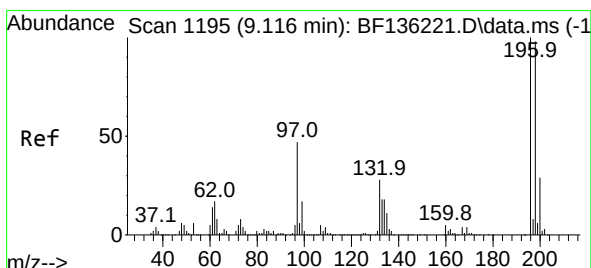
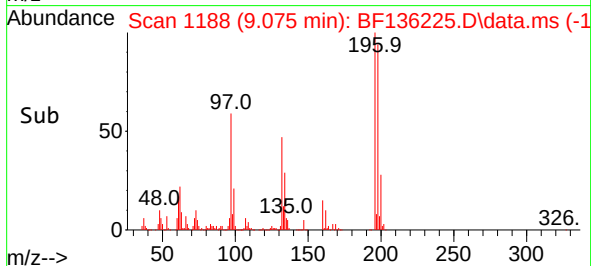
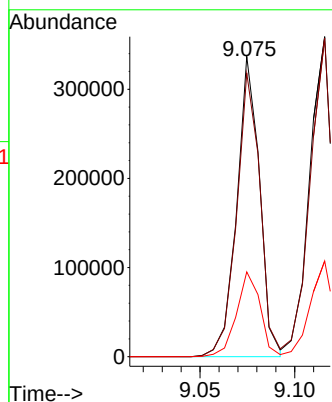
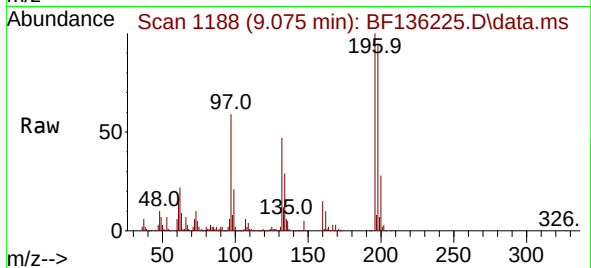
200 28.3 22.4 33.6

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 11/29/2023

Supervised By :mohammad ahmed 11/29/2023



#44

2,4,5-Trichlorophenol

Concen: 42.640 ng

RT: 9.116 min Scan# 1195

Delta R.T. 0.000 min

Lab File: BF136225.D

Acq: 27 Nov 2023 16:36

Tgt Ion:196 Resp: 308793

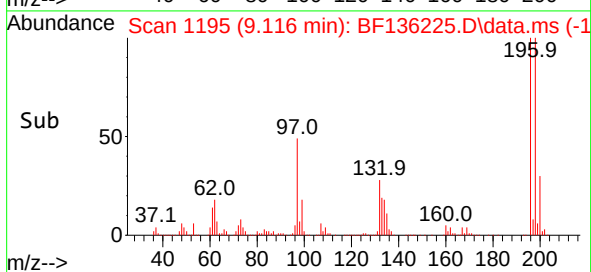
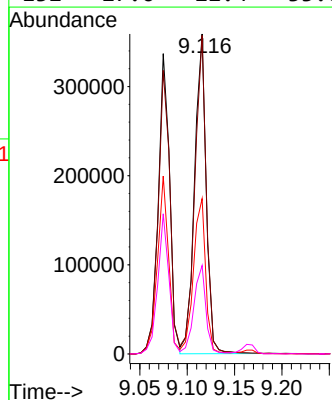
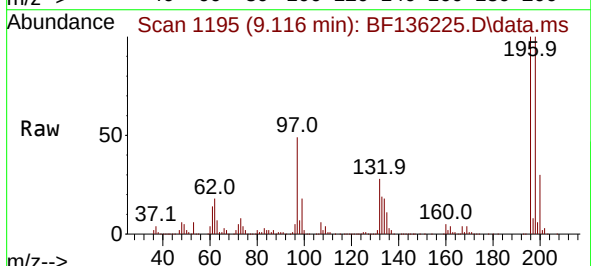
Ion Ratio Lower Upper

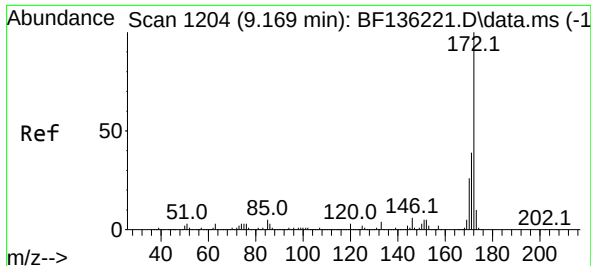
196 100

198 99.6 78.8 118.2

97 48.6 37.8 56.8

132 27.6 22.4 33.6





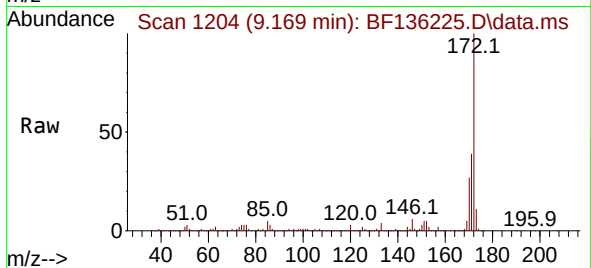
#45
2-Fluorobiphenyl
Concen: 84.578 ng
RT: 9.169 min Scan# 1204
Delta R.T. 0.000 min
Lab File: BF136225.D
Acq: 27 Nov 2023 16:36

Instrument :

BNA_F

ClientSampleId :

ICVBF112723

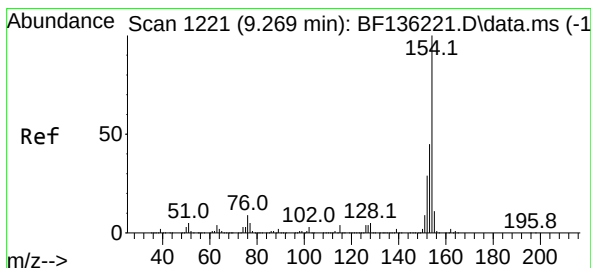
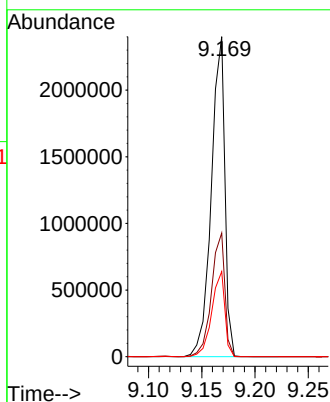
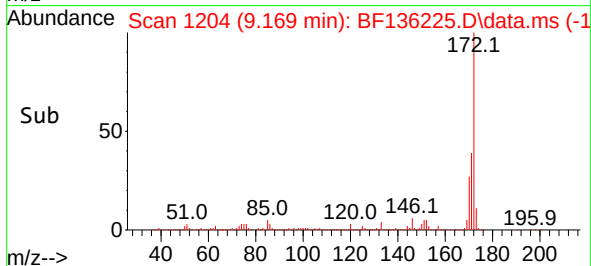


Tgt Ion:172 Resp: 212721
Ion Ratio Lower Upper
172 100
171 38.6 31.5 47.3
170 26.6 20.8 31.2

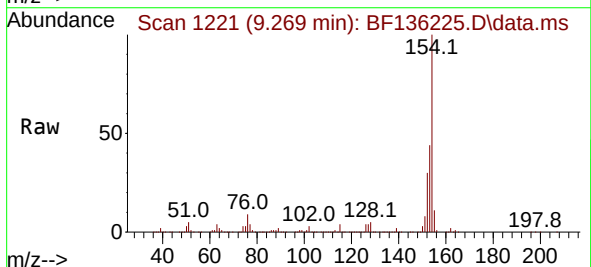
Manual Integrations

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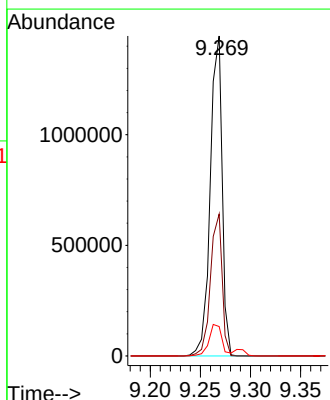
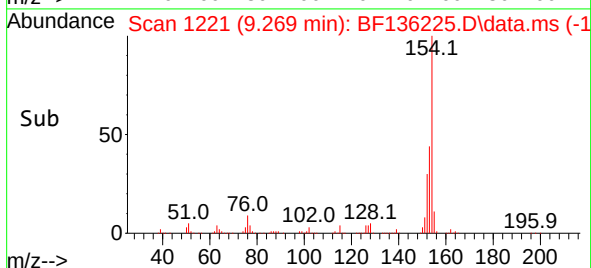
Reviewed By :Yogesh Patel 11/29/2023
Supervised By :mohammad ahmed 11/29/2023

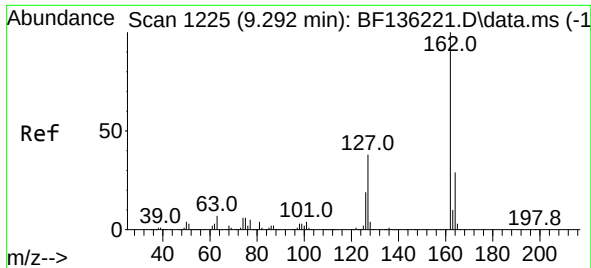


#46
1,1'-Biphenyl
Concen: 42.177 ng
RT: 9.269 min Scan# 1221
Delta R.T. 0.000 min
Lab File: BF136225.D
Acq: 27 Nov 2023 16:36



Tgt Ion:154 Resp: 1194867
Ion Ratio Lower Upper
154 100
153 44.3 24.6 64.6
76 9.2 0.0 29.4





#47
2-Chloronaphthalene
Concen: 42.334 ng
RT: 9.292 min Scan# 1225
Delta R.T. 0.000 min
Lab File: BF136225.D
Acq: 27 Nov 2023 16:36

Instrument :

BNA_F

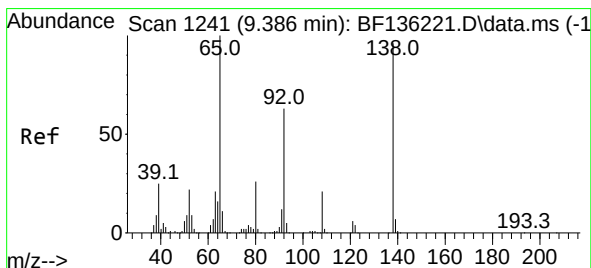
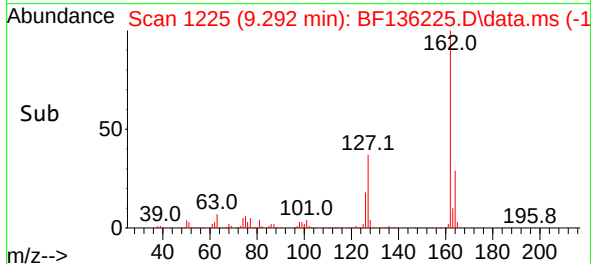
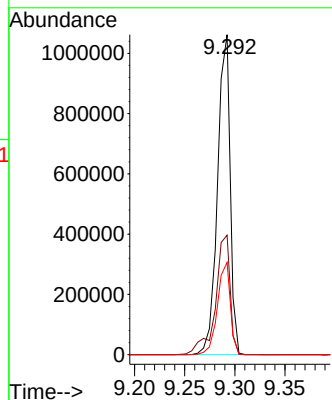
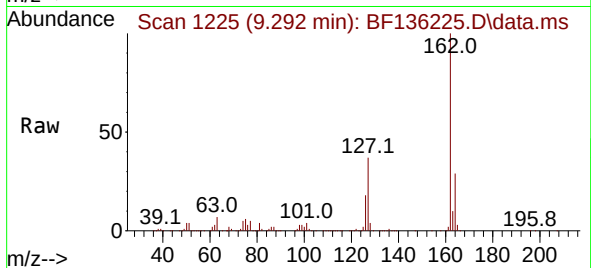
ClientSampleId :

ICVBF112723

Tgt Ion:162 Resp: 93137
Ion Ratio Lower Upper
162 100
127 37.4 30.2 45.2
164 28.9 22.8 34.2

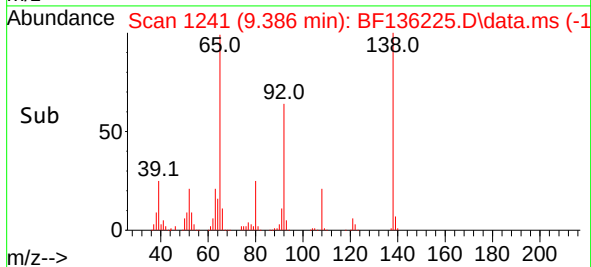
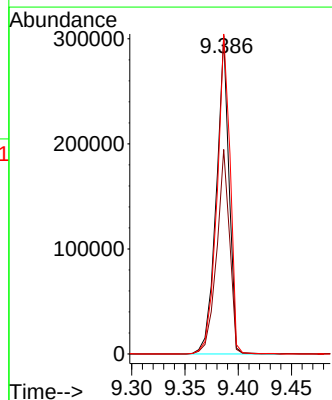
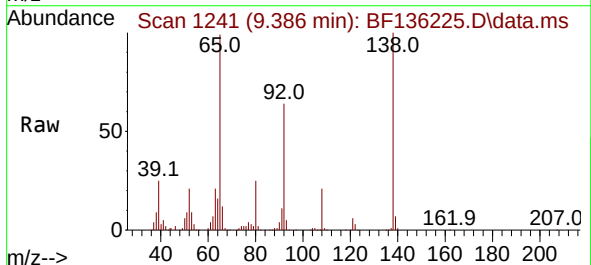
Manual Integrations
APPROVED

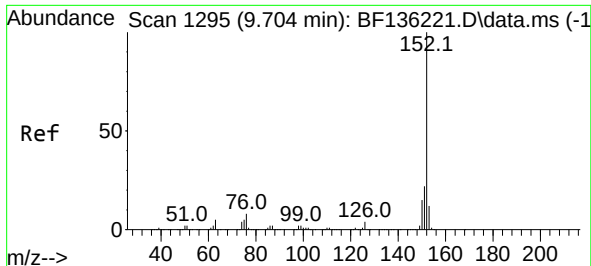
Reviewed By :Yogesh Patel 11/29/2023
Supervised By :mohammad ahmed 11/29/2023



#48
2-Nitroaniline
Concen: 43.756 ng
RT: 9.386 min Scan# 1241
Delta R.T. 0.000 min
Lab File: BF136225.D
Acq: 27 Nov 2023 16:36

Tgt Ion: 65 Resp: 251331
Ion Ratio Lower Upper
65 100
92 64.2 50.6 75.8
138 100.5 76.7 115.1





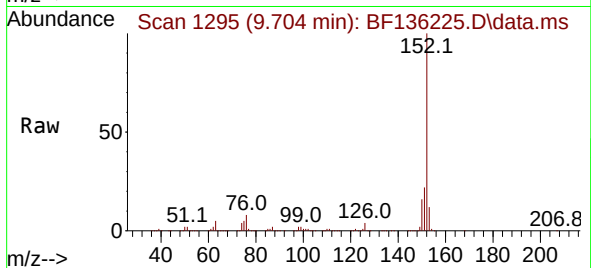
#49
Acenaphthylene
Concen: 42.225 ng
RT: 9.704 min Scan# 1295
Delta R.T. 0.000 min
Lab File: BF136225.D
Acq: 27 Nov 2023 16:36

Instrument :

BNA_F

ClientSampleId :

ICVBF112723

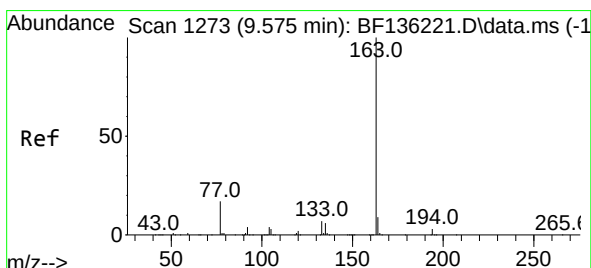
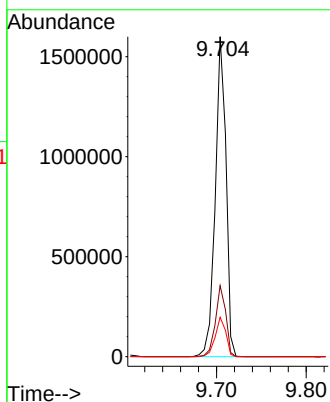
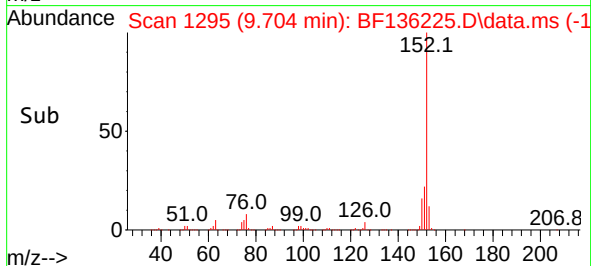


Tgt Ion:152 Resp: 1325719
Ion Ratio Lower Upper
152 100
151 22.2 17.5 26.3
153 12.3 9.6 14.4

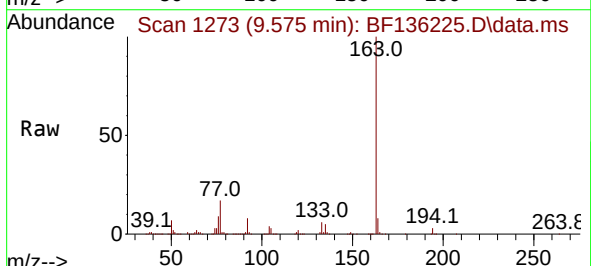
Manual Integrations

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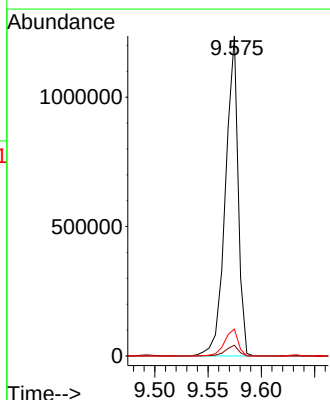
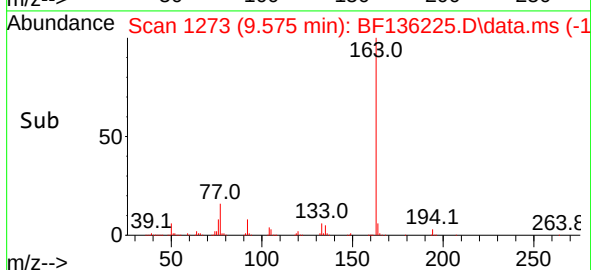
Reviewed By :Yogesh Patel 11/29/2023
Supervised By :mohammad ahmed 11/29/2023

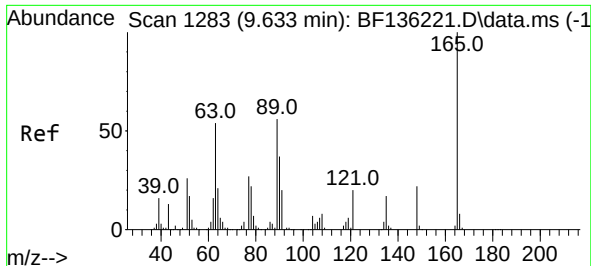


#50
Dimethylphthalate
Concen: 42.072 ng
RT: 9.575 min Scan# 1273
Delta R.T. 0.000 min
Lab File: BF136225.D
Acq: 27 Nov 2023 16:36



Tgt Ion:163 Resp: 1021547
Ion Ratio Lower Upper
163 100
194 3.4 2.5 3.7
164 8.4 7.0 10.6





#51

2,6-Dinitrotoluene

Concen: 43.081 ng

RT: 9.633 min Scan# 1283

Delta R.T. 0.000 min

Lab File: BF136225.D

Acq: 27 Nov 2023 16:36

Instrument :

BNA_F

ClientSampleId :

ICVBF112723

Tgt Ion:165 Resp: 213698

Ion Ratio Lower Upper

165 100

63 56.5 46.2 69.2

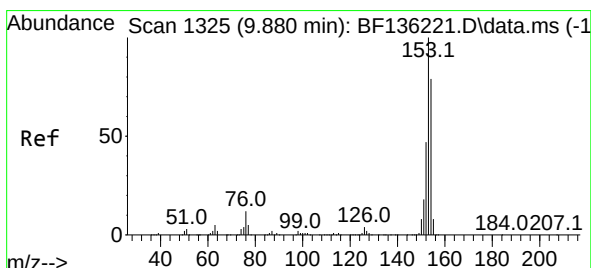
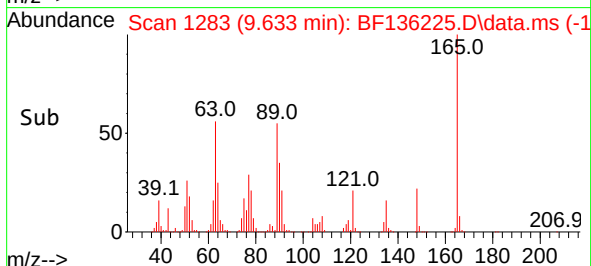
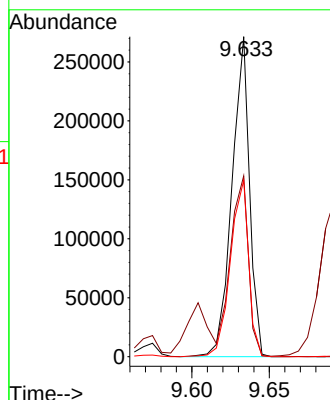
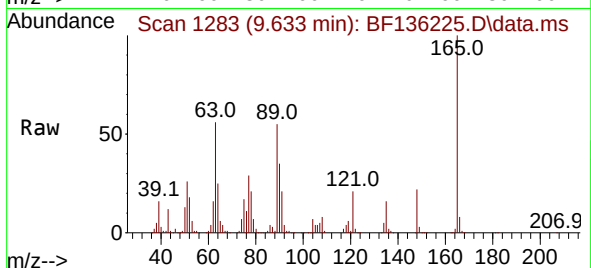
89 55.2 44.9 67.3

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 11/29/2023

Supervised By :mohammad ahmed 11/29/2023



#52

Acenaphthene

Concen: 41.960 ng m

RT: 9.880 min Scan# 1325

Delta R.T. 0.000 min

Lab File: BF136225.D

Acq: 27 Nov 2023 16:36

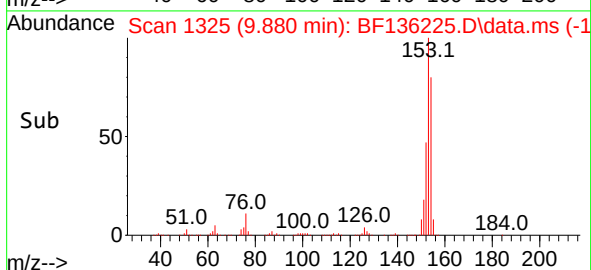
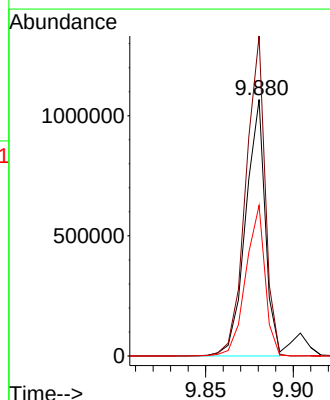
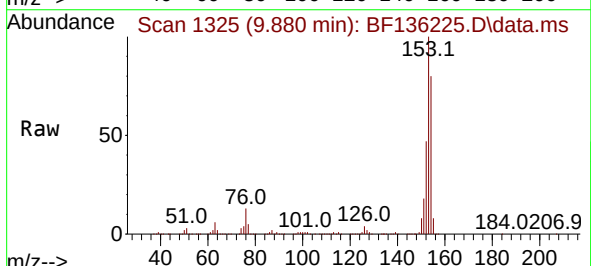
Tgt Ion:154 Resp: 832519

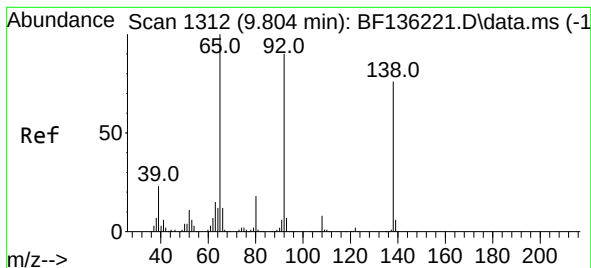
Ion Ratio Lower Upper

154 100

153 124.8 100.8 151.2

152 58.7 47.0 70.6





#53

3-Nitroaniline

Concen: 43.648 ng

RT: 9.804 min Scan# 1312

Delta R.T. 0.000 min

Lab File: BF136225.D

Acq: 27 Nov 2023 16:36

Instrument :

BNA_F

ClientSampleId :

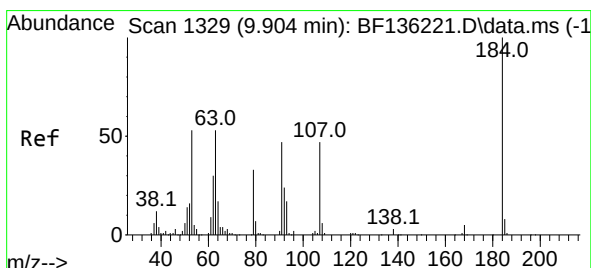
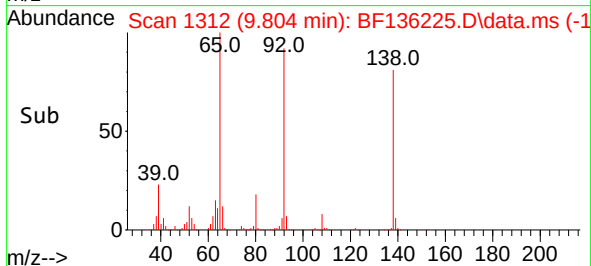
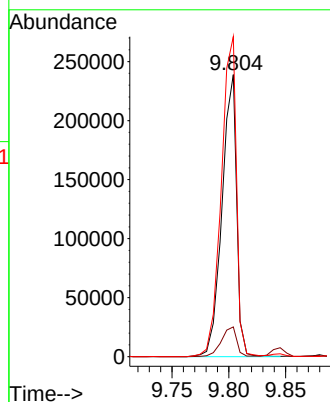
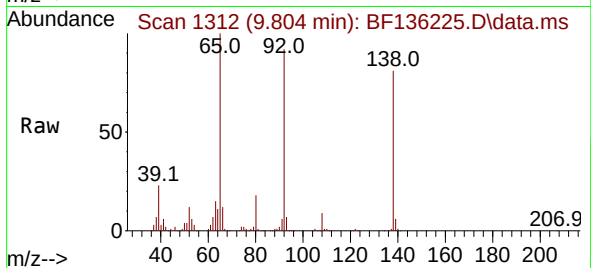
ICVBF112723

Tgt Ion:138 Resp: 214834
 Ion Ratio Lower Upper
 138 100
 108 10.5 8.7 13.1
 92 113.4 94.2 141.4

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 11/29/2023
 Supervised By :mohammad ahmed 11/29/2023



#54

2,4-Dinitrophenol

Concen: 44.468 ng

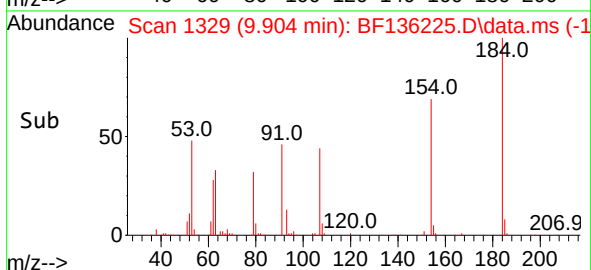
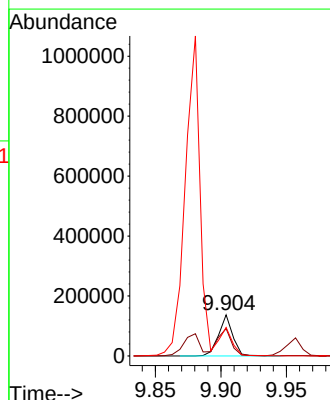
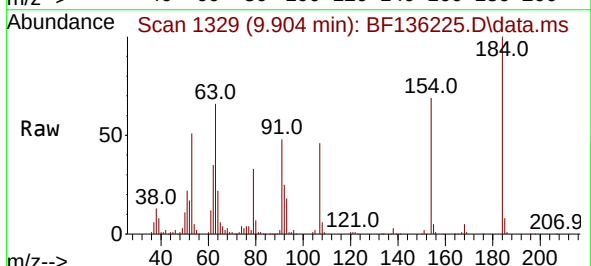
RT: 9.904 min Scan# 1329

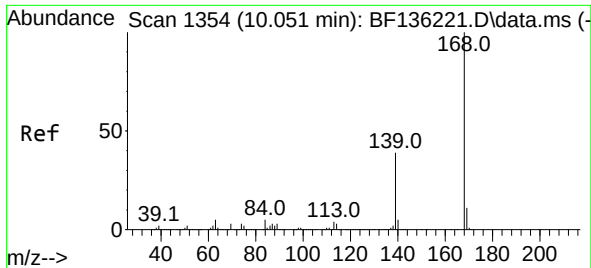
Delta R.T. -0.000 min

Lab File: BF136225.D

Acq: 27 Nov 2023 16:36

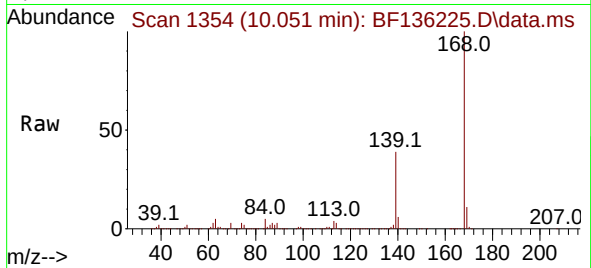
Tgt Ion:184 Resp: 102588
 Ion Ratio Lower Upper
 184 100
 63 66.5 55.0 82.4
 154 69.4 54.9 82.3





#55
Dibenzenofuran
Concen: 41.737 ng
RT: 10.051 min Scan# 1354
Delta R.T. 0.000 min
Lab File: BF136225.D
Acq: 27 Nov 2023 16:36

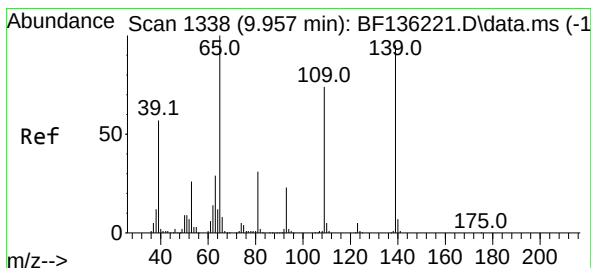
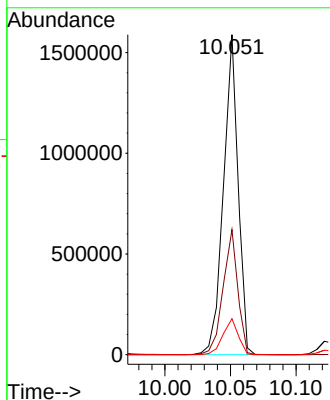
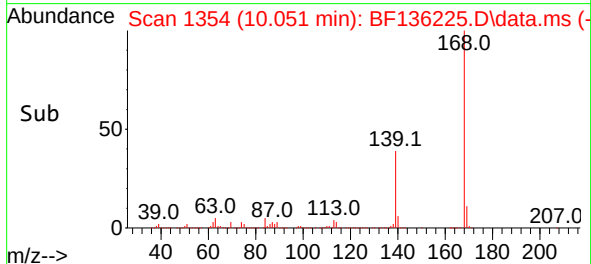
Instrument :
BNA_F
ClientSampleId :
ICVBF112723



Tgt Ion:168 Resp: 1232235
Ion Ratio Lower Upper
168 100
139 39.1 30.9 46.3
169 11.3 9.1 13.7

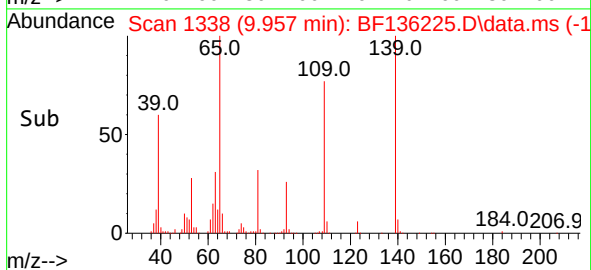
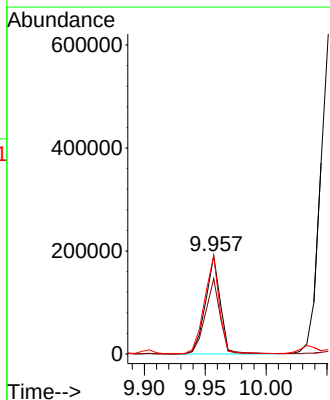
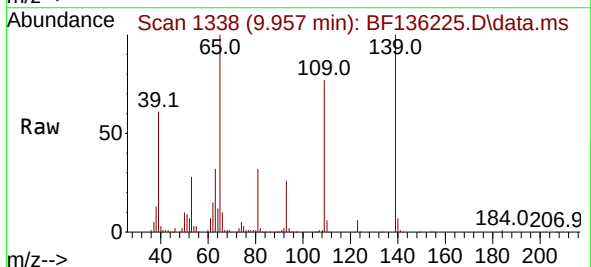
Manual Integrations
APPROVED

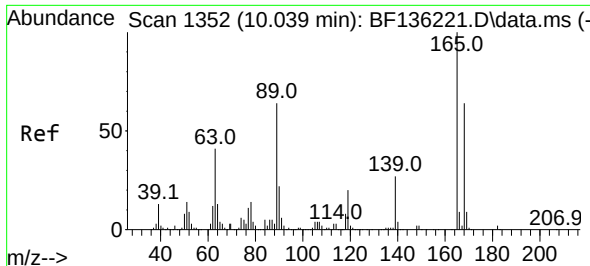
Reviewed By :Yogesh Patel 11/29/2023
Supervised By :mohammad ahmed 11/29/2023



#56
4-Nitrophenol
Concen: 43.295 ng
RT: 9.957 min Scan# 1338
Delta R.T. 0.000 min
Lab File: BF136225.D
Acq: 27 Nov 2023 16:36

Tgt Ion:139 Resp: 161845
Ion Ratio Lower Upper
139 100
109 76.7 57.8 97.8
65 99.8 86.0 126.0





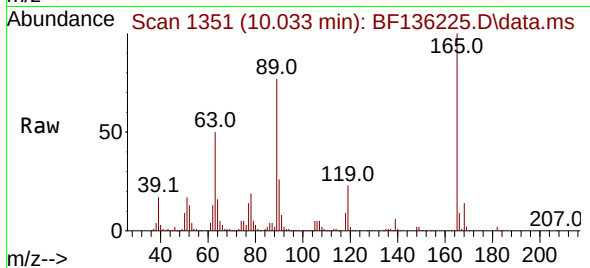
#57
2,4-Dinitrotoluene
Concen: 43.729 ng
RT: 10.033 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF136225.D
Acq: 27 Nov 2023 16:36

Instrument :

BNA_F

ClientSampleId :

ICVBF112723



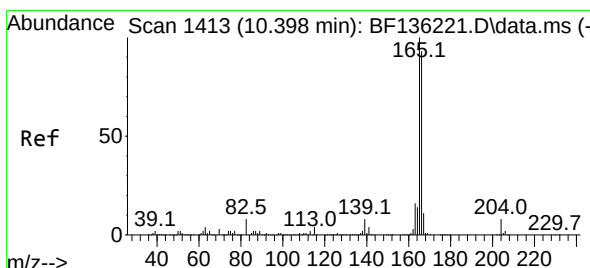
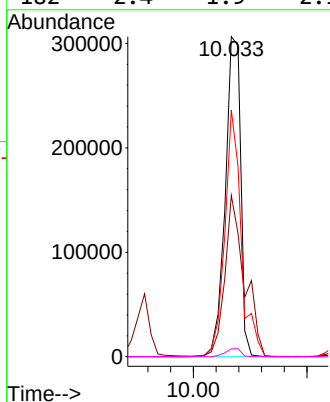
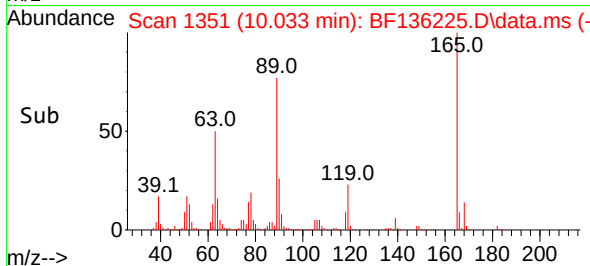
Tgt Ion:165 Resp: 28974
Ion Ratio Lower Upper
165 100
63 50.4 33.0 49.4
89 77.1 51.5 77.3
182 2.4 1.9 2.9

Manual Integrations

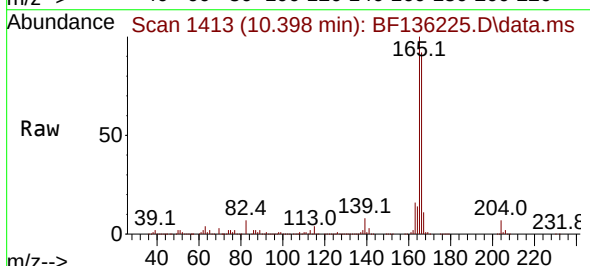
APPROVED

Reviewed By :Yogesh Patel 11/29/2023

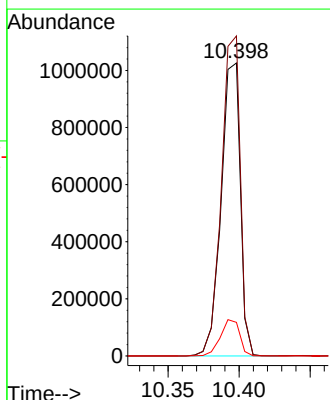
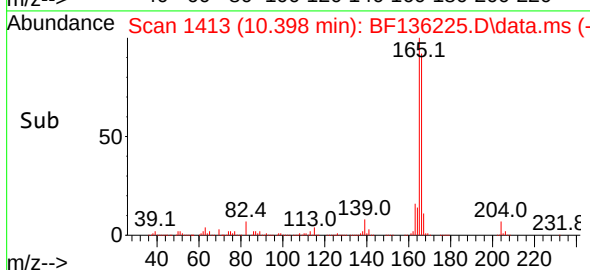
Supervised By :mohammad ahmed 11/29/2023

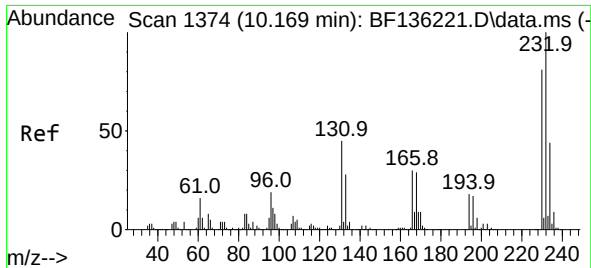


#58
Fluorene
Concen: 41.540 ng
RT: 10.398 min Scan# 1413
Delta R.T. 0.000 min
Lab File: BF136225.D
Acq: 27 Nov 2023 16:36



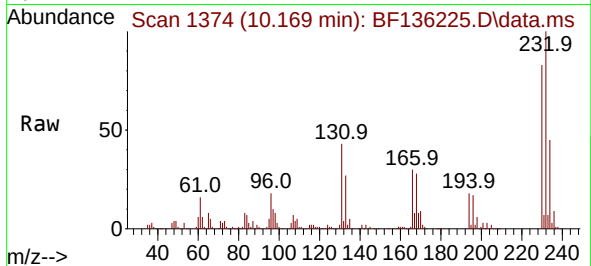
Tgt Ion:166 Resp: 961975
Ion Ratio Lower Upper
166 100
165 109.3 86.2 129.4
167 11.5 9.1 13.7





#59
2,3,4,6-Tetrachlorophenol
Concen: 42.352 ng
RT: 10.169 min Scan# 1374
Delta R.T. 0.000 min
Lab File: BF136225.D
Acq: 27 Nov 2023 16:36

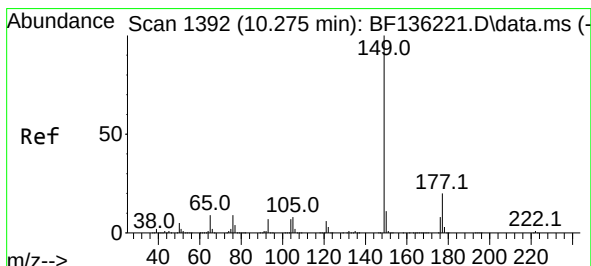
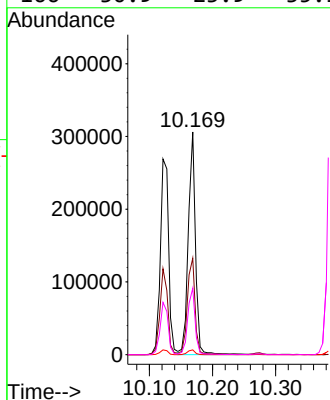
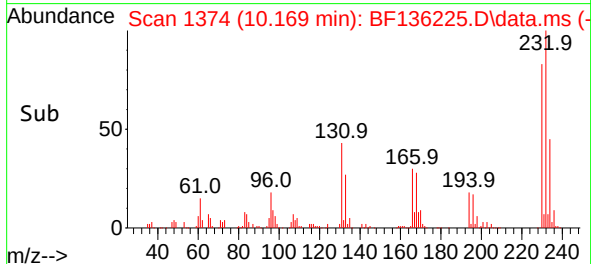
Instrument :
BNA_F
ClientSampleId :
ICVBF112723



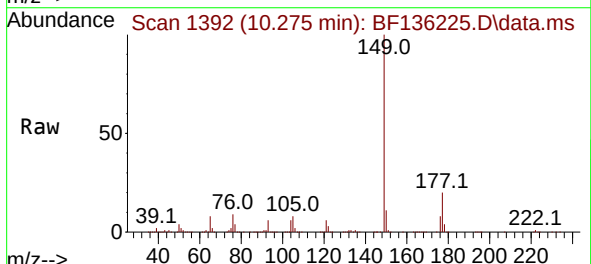
Tgt Ion:232 Resp: 244030
Ion Ratio Lower Upper
232 100
131 46.3 36.4 54.6
130 2.3 1.9 2.9
166 30.9 23.9 35.9

Manual Integrations
APPROVED

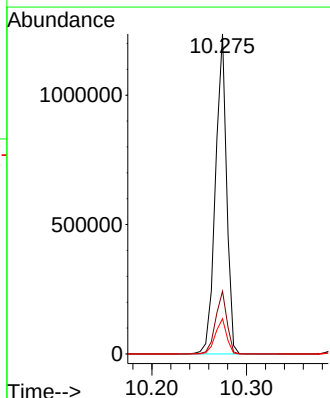
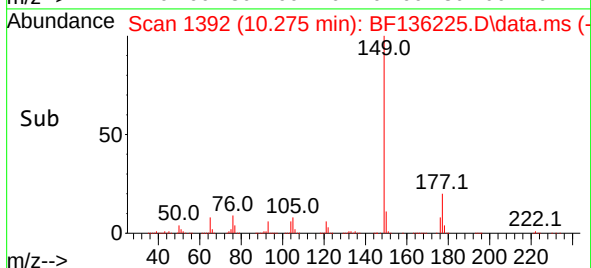
Reviewed By :Yogesh Patel 11/29/2023
Supervised By :mohammad ahmed 11/29/2023

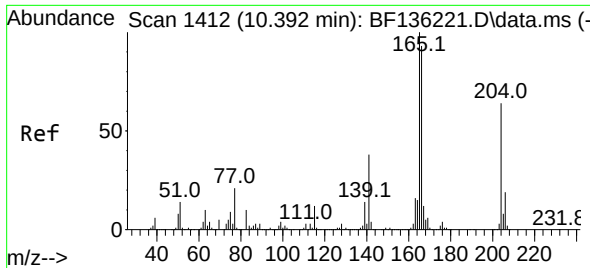


#60
Diethylphthalate
Concen: 41.464 ng
RT: 10.275 min Scan# 1392
Delta R.T. 0.000 min
Lab File: BF136225.D
Acq: 27 Nov 2023 16:36



Tgt Ion:149 Resp: 1007093
Ion Ratio Lower Upper
149 100
177 19.6 15.8 23.6
150 11.0 8.8 13.2





#61
4-Chlorophenyl-phenylether
Concen: 41.714 ng
RT: 10.392 min Scan# 1412
Delta R.T. 0.000 min
Lab File: BF136225.D
Acq: 27 Nov 2023 16:36

Instrument :

BNA_F

ClientSampleId :

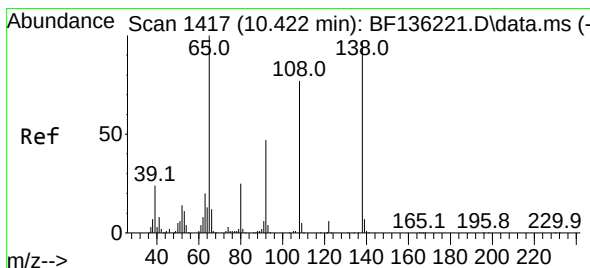
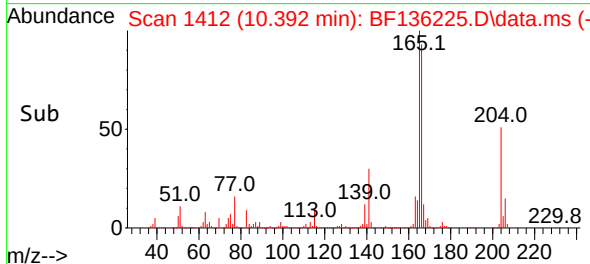
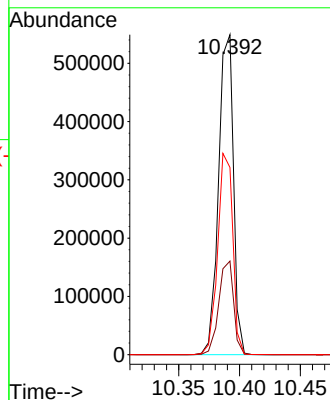
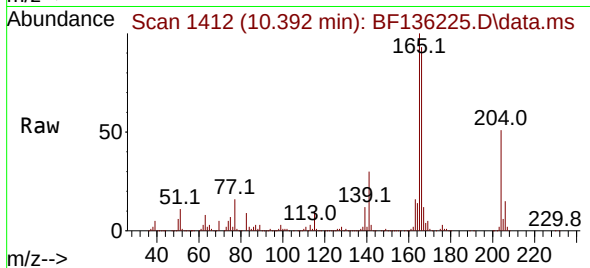
ICVBF112723

Tgt Ion:204 Resp: 469128
Ion Ratio Lower Upper
204 100
206 29.2 23.4 35.0
141 58.5 47.6 71.4

Manual Integrations

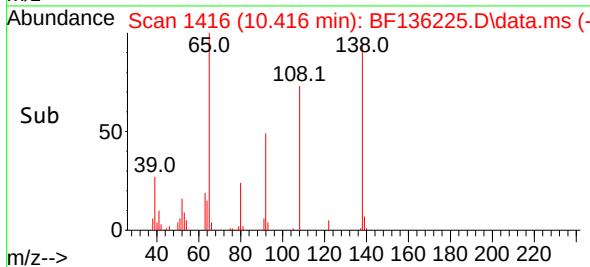
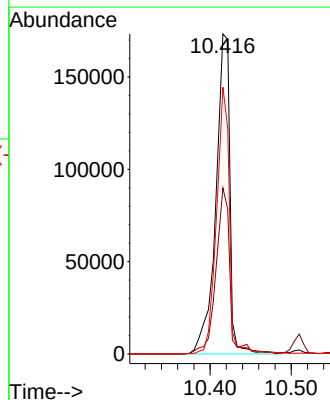
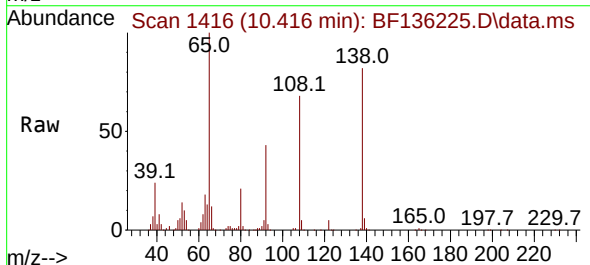
APPROVED

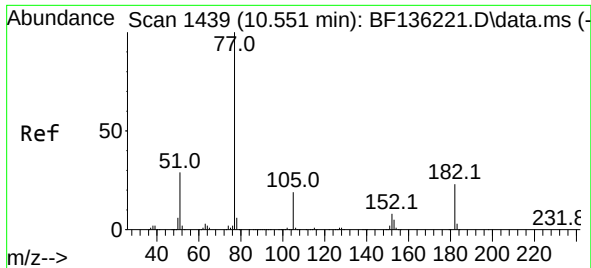
Reviewed By :Yogesh Patel 11/29/2023
Supervised By :mohammad ahmed 11/29/2023



#62
4-Nitroaniline
Concen: 43.504 ng
RT: 10.416 min Scan# 1416
Delta R.T. -0.006 min
Lab File: BF136225.D
Acq: 27 Nov 2023 16:36

Tgt Ion:138 Resp: 209595
Ion Ratio Lower Upper
138 100
92 51.9 28.5 68.5
108 83.3 59.8 99.8





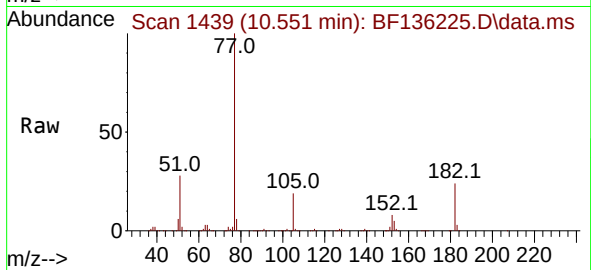
#63
Azobenzene
Concen: 41.758 ng
RT: 10.551 min Scan# 1439
Delta R.T. 0.000 min
Lab File: BF136225.D
Acq: 27 Nov 2023 16:36

Instrument :

BNA_F

ClientSampleId :

ICVBF112723



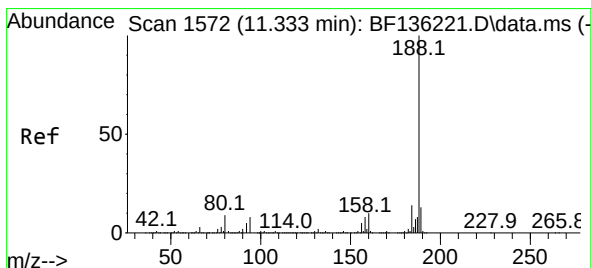
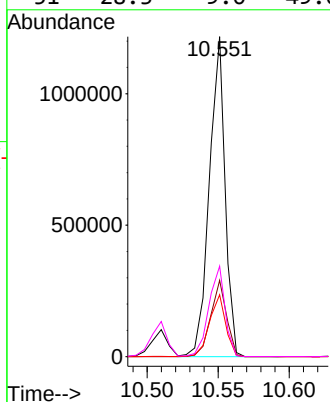
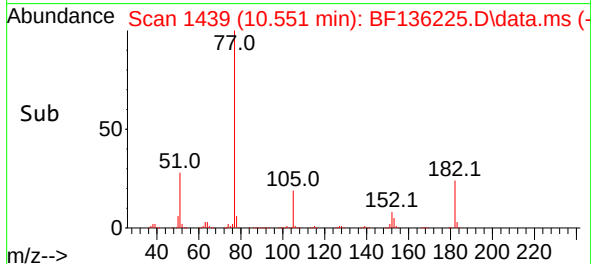
Tgt Ion: 77 Resp: 940280
Ion Ratio Lower Upper
77 100
182 23.9 3.3 43.3
105 19.4 0.0 39.5
51 28.3 9.0 49.0

Manual Integrations

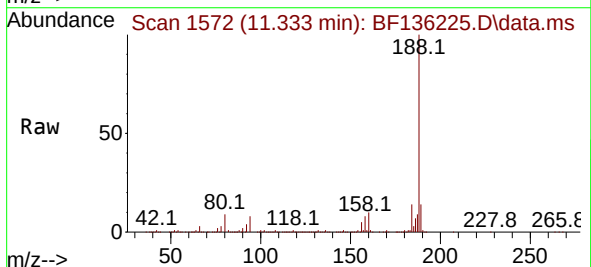
APPROVED

Reviewed By :Yogesh Patel 11/29/2023

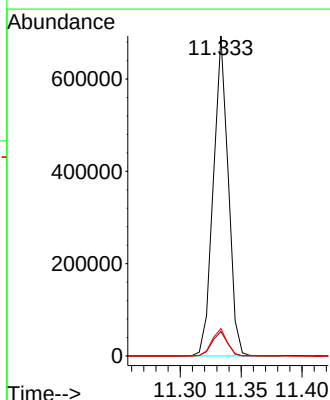
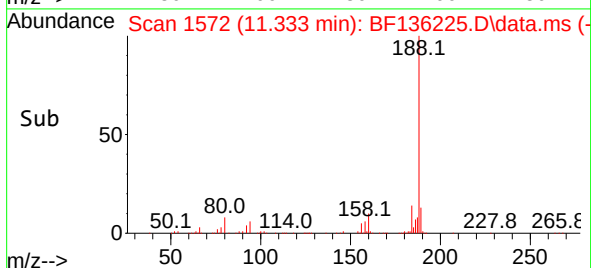
Supervised By :mohammad ahmed 11/29/2023

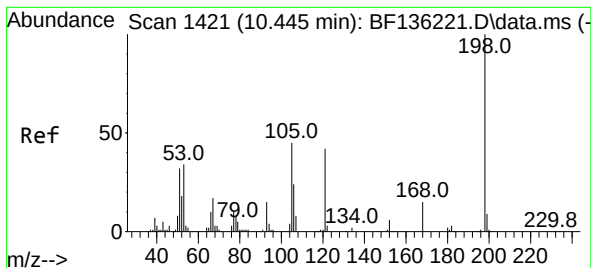


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.333 min Scan# 1572
Delta R.T. 0.000 min
Lab File: BF136225.D
Acq: 27 Nov 2023 16:36



Tgt Ion:188 Resp: 591585
Ion Ratio Lower Upper
188 100
94 7.7 6.7 10.1
80 8.6 7.2 10.8





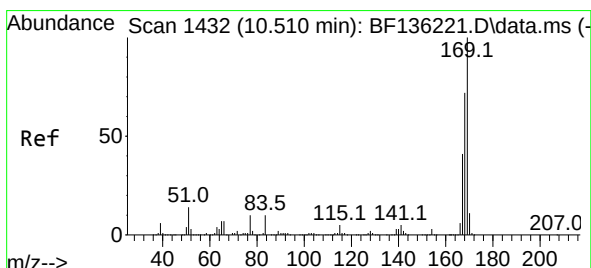
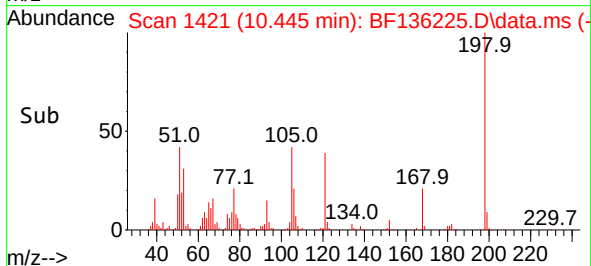
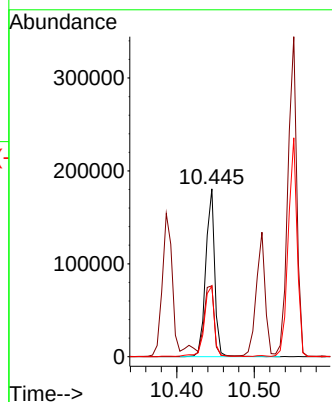
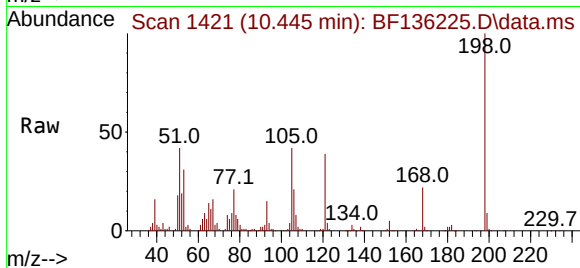
#65
4,6-Dinitro-2-methylphenol
Concen: 44.734 ng
RT: 10.445 min Scan# 1421
Delta R.T. 0.000 min
Lab File: BF136225.D
Acq: 27 Nov 2023 16:36

Instrument :
BNA_F
ClientSampleId :
ICVBF112723

Tgt Ion:198 Resp: 144719
Ion Ratio Lower Upper
198 100
51 42.2 28.2 68.2
105 42.2 25.7 65.7

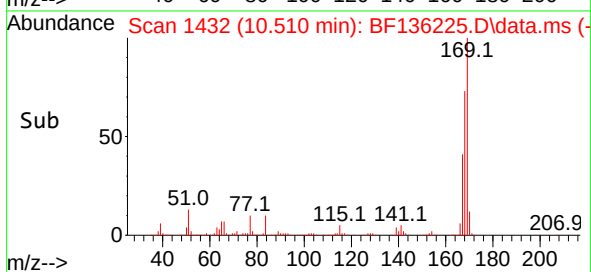
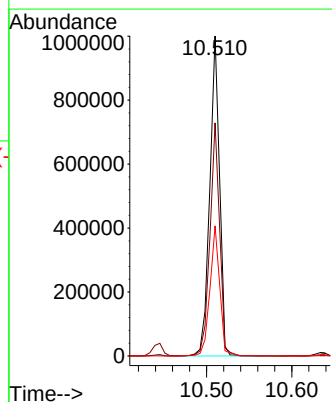
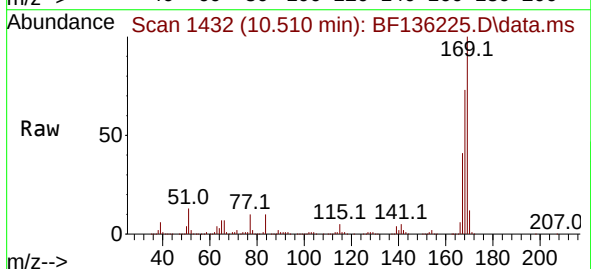
Manual Integrations
APPROVED

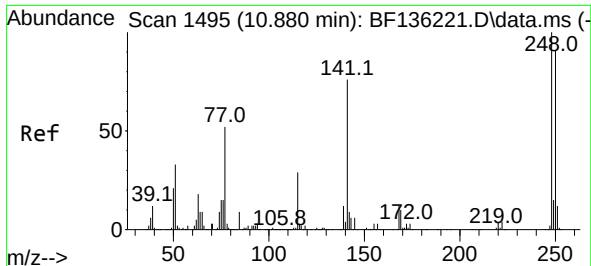
Reviewed By :Yogesh Patel 11/29/2023
Supervised By :mohammad ahmed 11/29/2023



#66
n-Nitrosodiphenylamine
Concen: 42.065 ng
RT: 10.510 min Scan# 1432
Delta R.T. 0.000 min
Lab File: BF136225.D
Acq: 27 Nov 2023 16:36

Tgt Ion:169 Resp: 797470
Ion Ratio Lower Upper
169 100
168 72.9 57.8 86.6
167 40.7 32.7 49.1





#67
4-Bromophenyl-phenylether
Concen: 42.185 ng
RT: 10.880 min Scan# 1495
Delta R.T. 0.000 min
Lab File: BF136225.D
Acq: 27 Nov 2023 16:36

Instrument :

BNA_F

ClientSampleId :

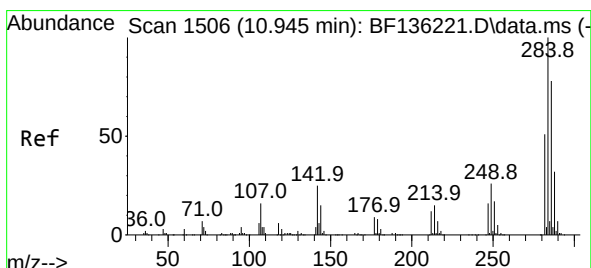
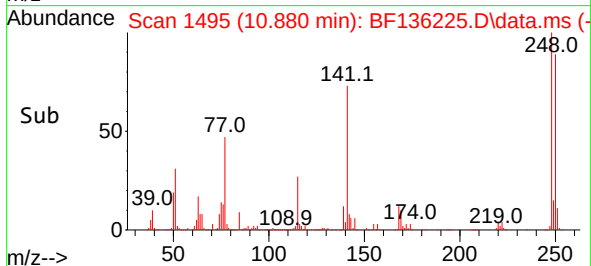
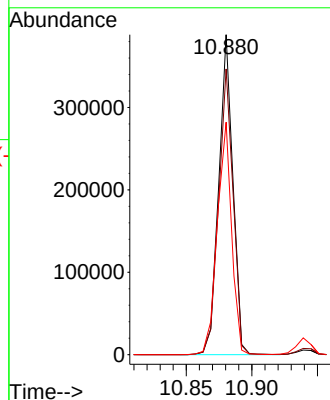
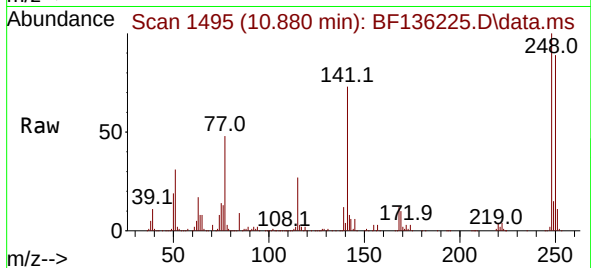
ICVBF112723

Tgt Ion:248 Resp: 291148
Ion Ratio Lower Upper
248 100
250 89.3 72.5 108.7
141 72.7 60.8 91.2

Manual Integrations

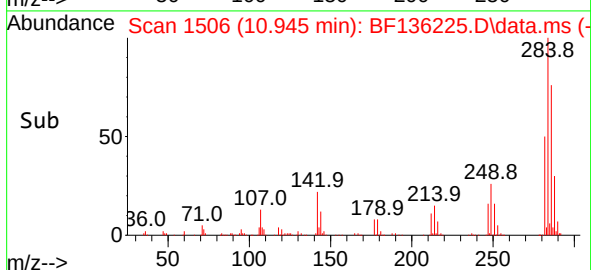
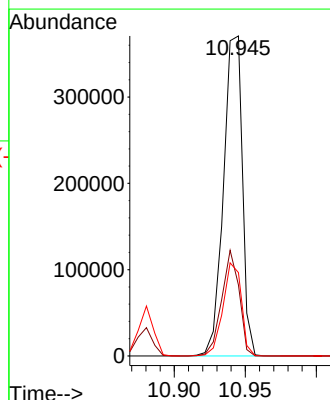
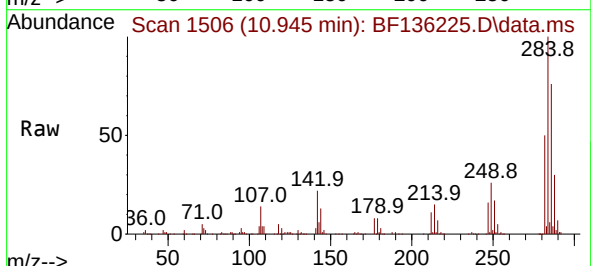
APPROVED

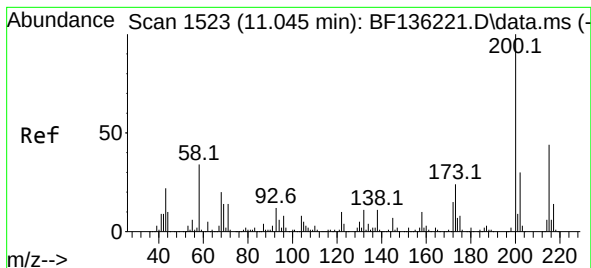
Reviewed By :Yogesh Patel 11/29/2023
Supervised By :mohammad ahmed 11/29/2023



#68
Hexachlorobenzene
Concen: 42.893 ng
RT: 10.945 min Scan# 1506
Delta R.T. 0.000 min
Lab File: BF136225.D
Acq: 27 Nov 2023 16:36

Tgt Ion:284 Resp: 342621
Ion Ratio Lower Upper
284 100
142 22.2 19.8 29.8
249 26.0 21.0 31.4





#69

Atrazine

Concen: 42.794 ng

RT: 11.039 min Scan# 1522

Delta R.T. -0.006 min

Lab File: BF136225.D

Acq: 27 Nov 2023 16:36

Instrument :

BNA_F

ClientSampleId :

ICVBF112723

Tgt Ion:200 Resp: 24066

Ion Ratio Lower Upper

200 100

173 23.5 4.3 44.3

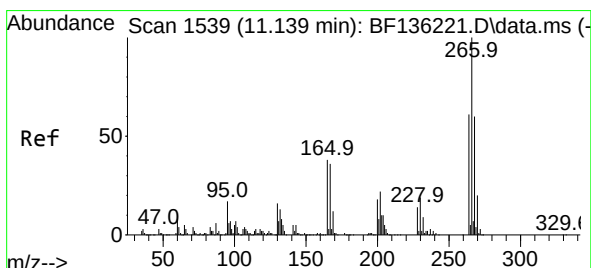
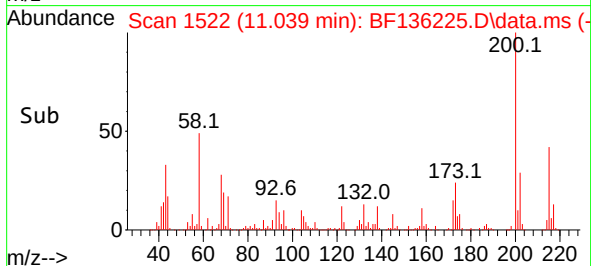
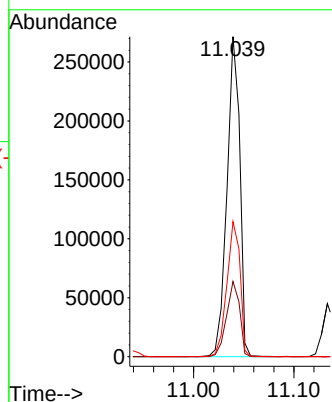
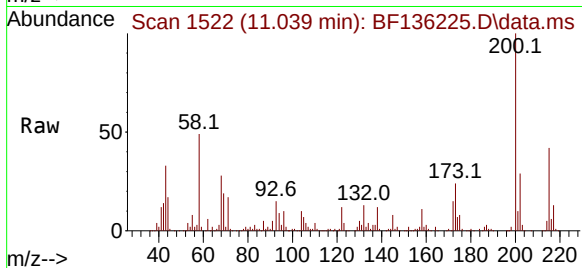
215 42.2 23.8 63.8

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 11/29/2023

Supervised By :mohammad ahmed 11/29/2023



#70

Pentachlorophenol

Concen: 43.636 ng

RT: 11.133 min Scan# 1538

Delta R.T. -0.006 min

Lab File: BF136225.D

Acq: 27 Nov 2023 16:36

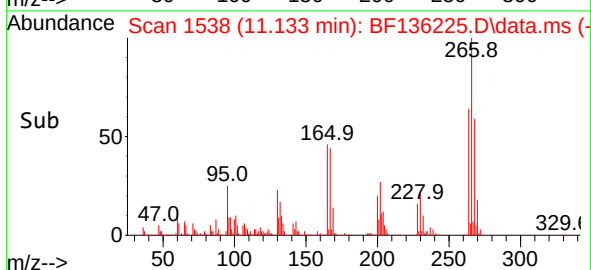
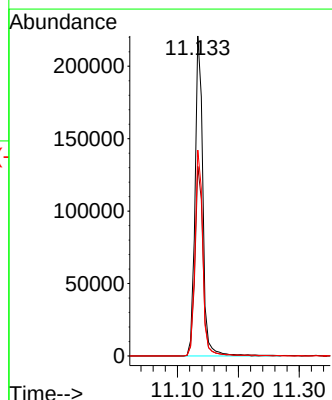
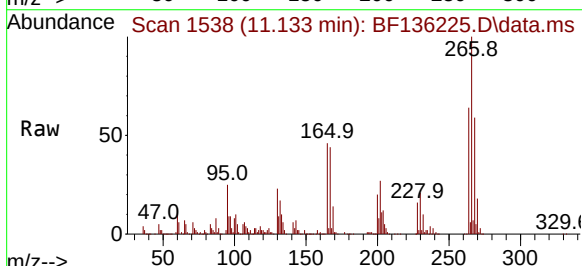
Tgt Ion:266 Resp: 197026

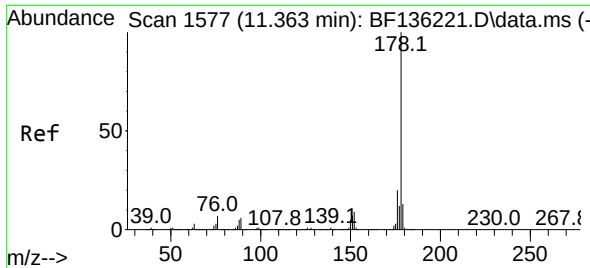
Ion Ratio Lower Upper

266 100

268 59.2 47.9 71.9

264 64.4 49.1 73.7





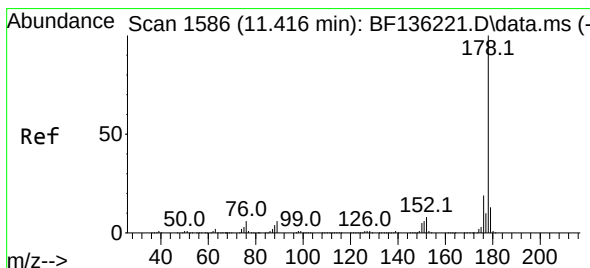
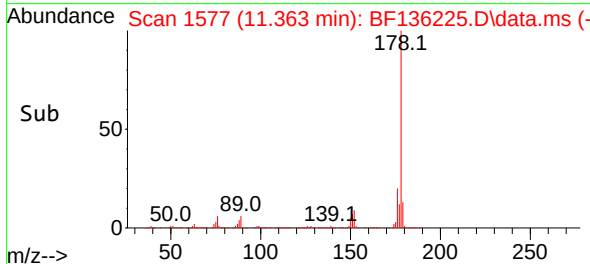
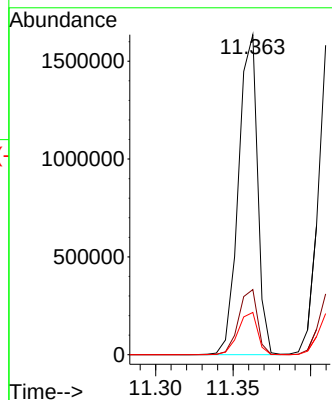
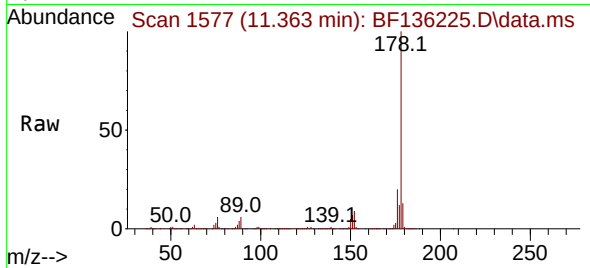
#71
Phenanthrene
Concen: 42.103 ng
RT: 11.363 min Scan# 1577
Delta R.T. 0.000 min
Lab File: BF136225.D
Acq: 27 Nov 2023 16:36

Instrument :
BNA_F
ClientSampleId :
ICVBF112723

Tgt Ion:178 Resp: 1399898
Ion Ratio Lower Upper
178 100
176 20.4 16.2 24.2
179 13.2 10.3 15.5

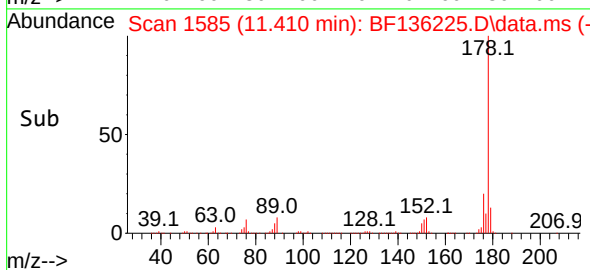
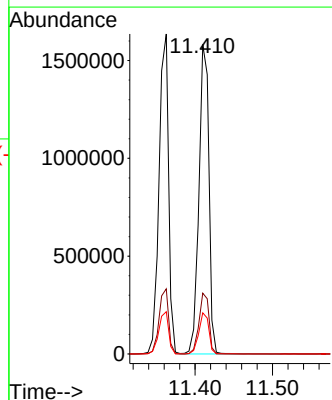
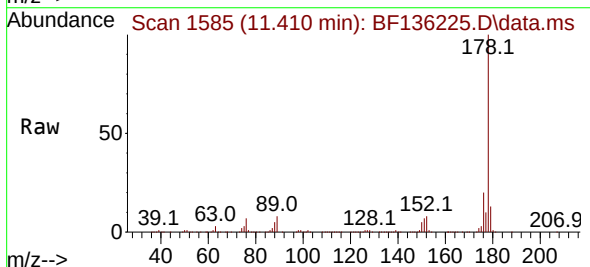
Manual Integrations
APPROVED

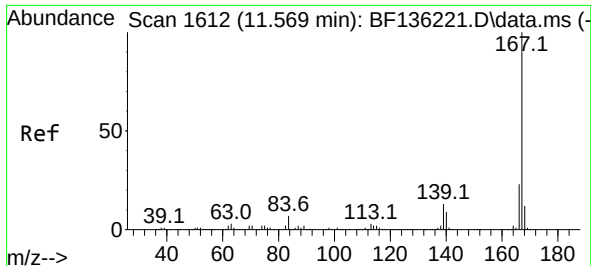
Reviewed By :Yogesh Patel 11/29/2023
Supervised By :mohammad ahmed 11/29/2023



#72
Anthracene
Concen: 42.416 ng
RT: 11.410 min Scan# 1585
Delta R.T. -0.006 min
Lab File: BF136225.D
Acq: 27 Nov 2023 16:36

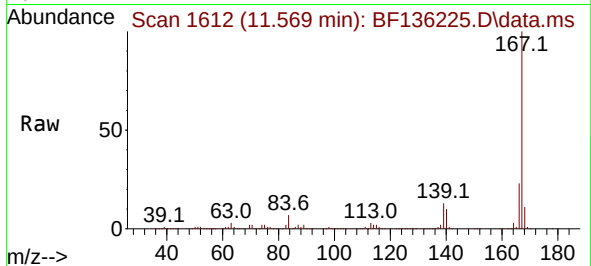
Tgt Ion:178 Resp: 1414318
Ion Ratio Lower Upper
178 100
176 19.7 15.5 23.3
179 13.3 10.5 15.7





#73
 Carbazole
 Concen: 42.358 ng
 RT: 11.569 min Scan# 1612
 Delta R.T. 0.000 min
 Lab File: BF136225.D
 Acq: 27 Nov 2023 16:36

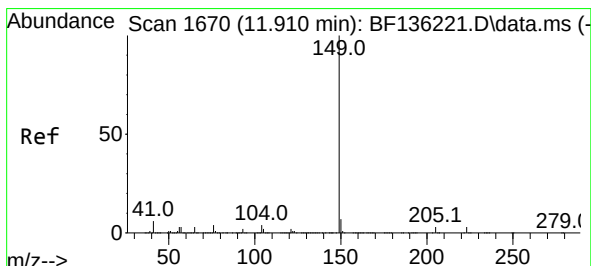
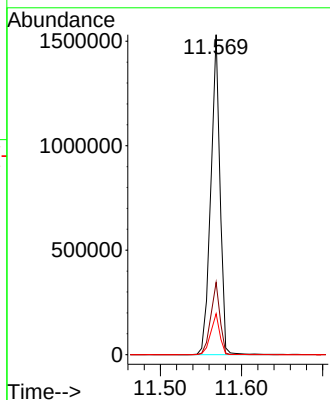
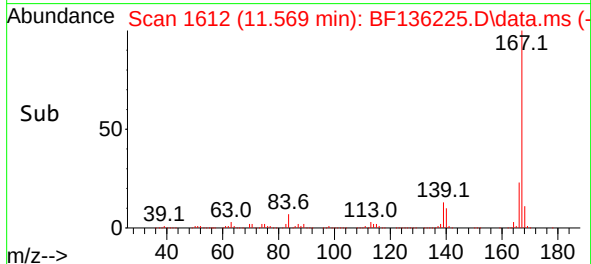
Instrument :
 BNA_F
 ClientSampleId :
 ICVBF112723



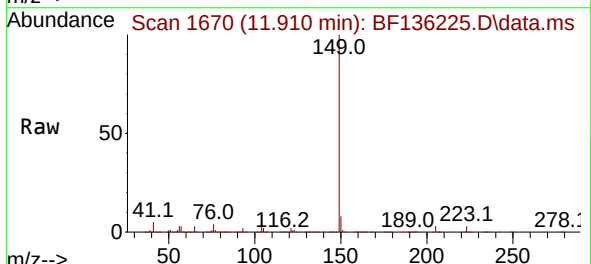
Tgt Ion:167 Resp: 1201235
 Ion Ratio Lower Upper
 167 100
 166 22.6 18.4 27.6
 139 12.8 10.5 15.7

Manual Integrations
 APPROVED

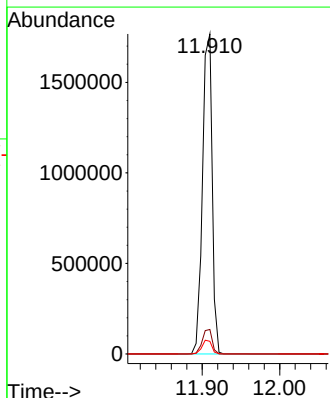
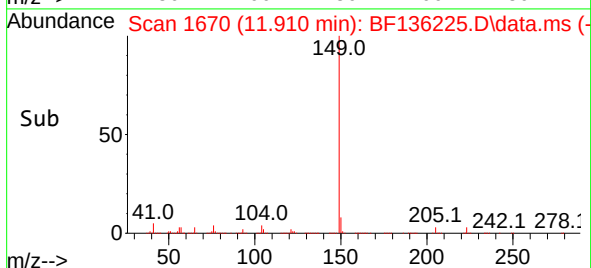
Reviewed By :Yogesh Patel 11/29/2023
 Supervised By :mohammad ahmed 11/29/2023

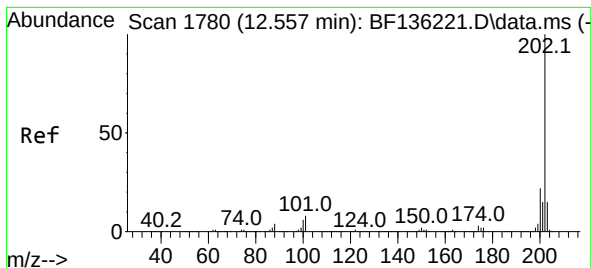


#74
 Di-n-butylphthalate
 Concen: 43.160 ng
 RT: 11.910 min Scan# 1670
 Delta R.T. 0.000 min
 Lab File: BF136225.D
 Acq: 27 Nov 2023 16:36



Tgt Ion:149 Resp: 1531443
 Ion Ratio Lower Upper
 149 100
 150 7.7 6.0 9.0
 104 4.0 3.5 5.3





#75

Fluoranthene

Concen: 41.937 ng

RT: 12.551 min Scan# 1

Delta R.T. -0.006 min

Lab File: BF136225.D

Acq: 27 Nov 2023 16:36

Instrument :

BNA_F

ClientSampleId :

ICVBF112723

Tgt Ion:202 Resp: 141556

Ion Ratio Lower Upper

202 100

101 9.6 0.0 27.8

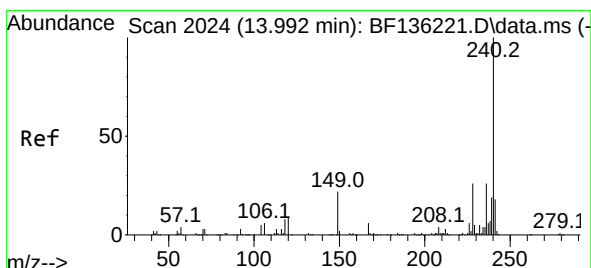
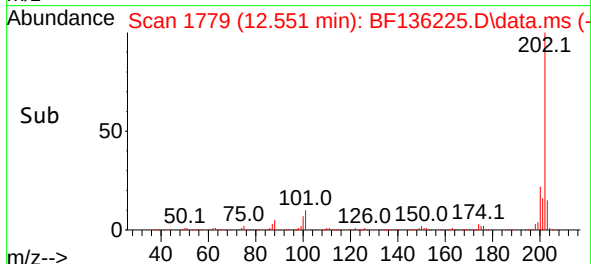
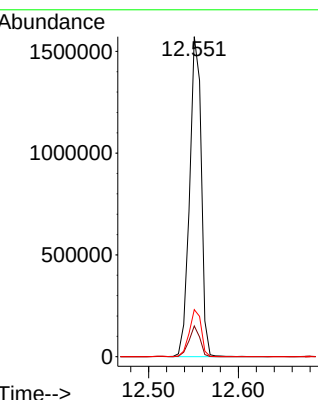
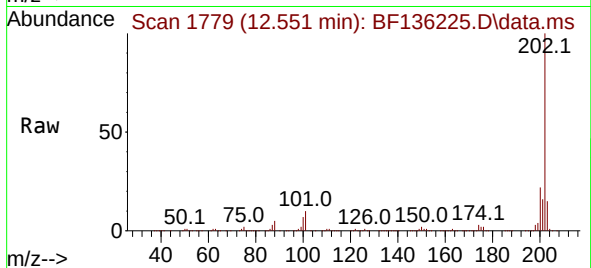
203 14.7 0.0 34.5

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 11/29/2023

Supervised By :mohammad ahmed 11/29/2023



#76

Chrysene-d12

Concen: 20.000 ng

RT: 13.986 min Scan# 2023

Delta R.T. -0.006 min

Lab File: BF136225.D

Acq: 27 Nov 2023 16:36

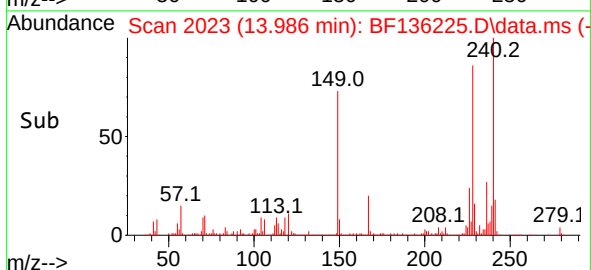
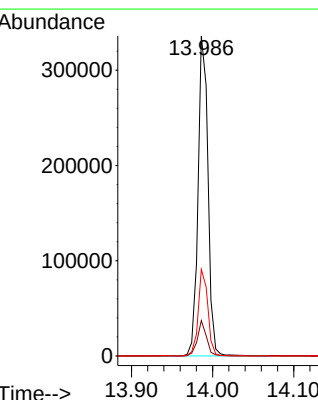
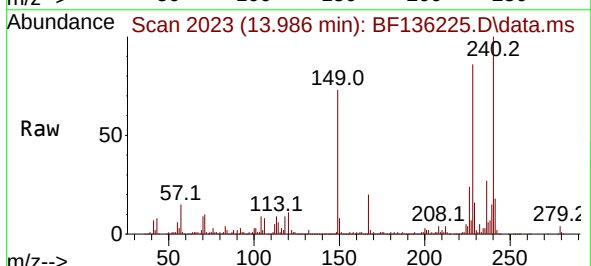
Tgt Ion:240 Resp: 284898

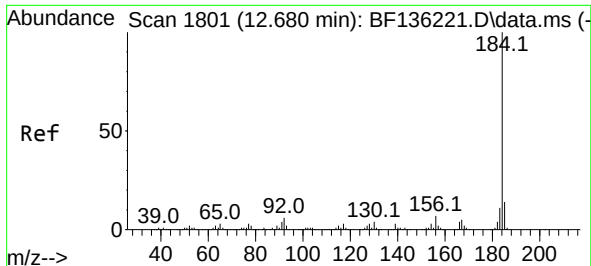
Ion Ratio Lower Upper

240 100

120 11.1 7.4 11.2

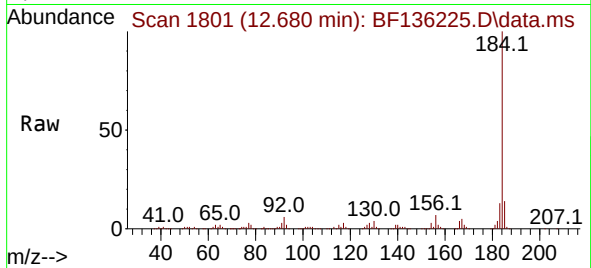
236 27.0 21.1 31.7





#77
Benzidine
Concen: 62.514 ng
RT: 12.680 min Scan# 1801
Delta R.T. 0.000 min
Lab File: BF136225.D
Acq: 27 Nov 2023 16:36

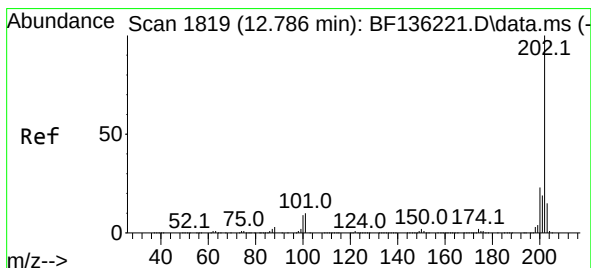
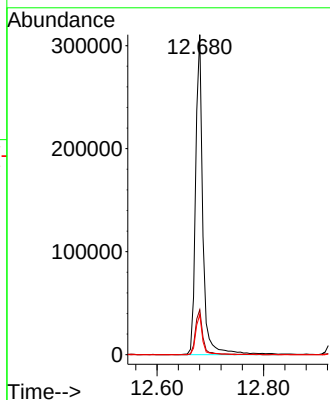
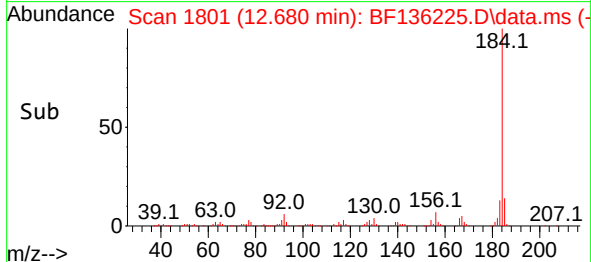
Instrument :
BNA_F
ClientSampleId :
ICVBF112723



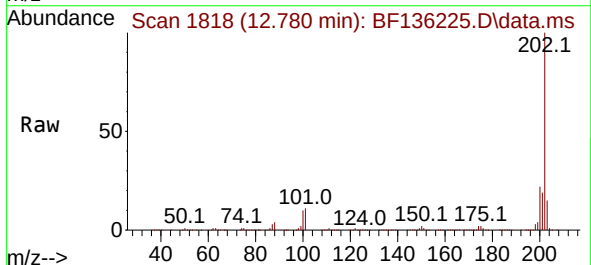
Tgt Ion:184 Resp: 292760
Ion Ratio Lower Upper
184 100
185 14.1 11.0 16.6
183 12.5 9.0 13.4

Manual Integrations
APPROVED

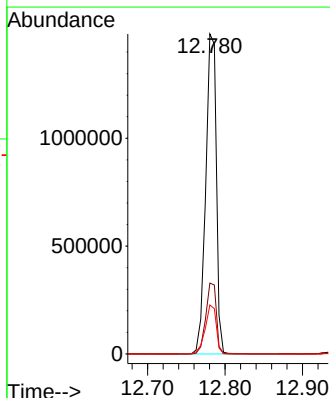
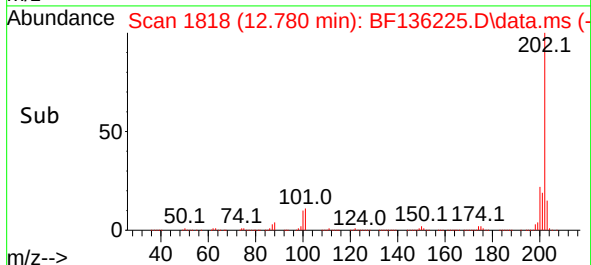
Reviewed By :Yogesh Patel 11/29/2023
Supervised By :mohammad ahmed 11/29/2023

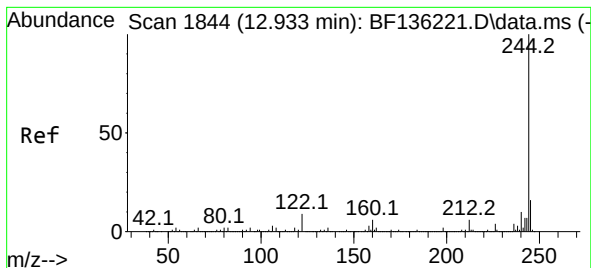


#78
Pyrene
Concen: 45.202 ng
RT: 12.780 min Scan# 1818
Delta R.T. -0.006 min
Lab File: BF136225.D
Acq: 27 Nov 2023 16:36



Tgt Ion:202 Resp: 1410355
Ion Ratio Lower Upper
202 100
200 22.2 18.4 27.6
203 15.3 11.8 17.6





#79

Terphenyl-d14

Concen: 90.675 ng

RT: 12.933 min Scan# 1844

Delta R.T. 0.000 min

Lab File: BF136225.D

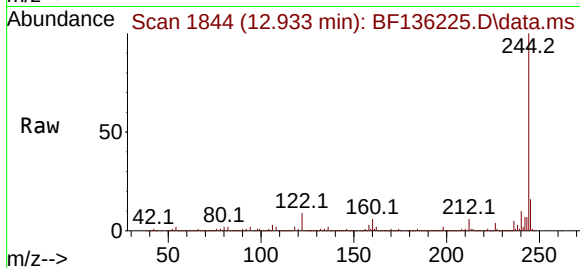
Acq: 27 Nov 2023 16:36

Instrument :

BNA_F

ClientSampleId :

ICVBF112723



Tgt Ion:244 Resp: 223956

Ion Ratio Lower Upper

244 100

212 5.9 4.6 7.0

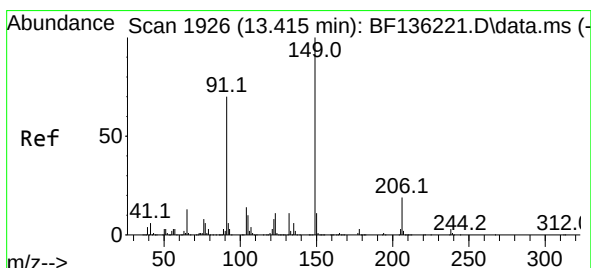
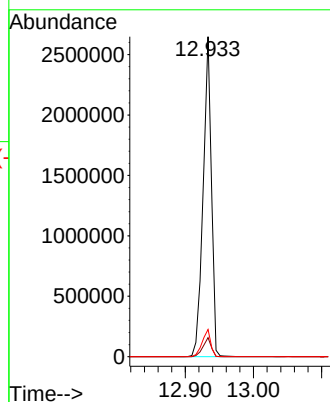
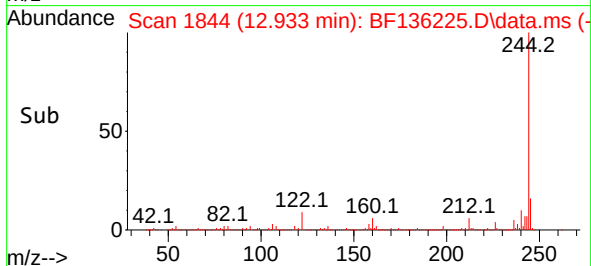
122 8.5 7.3 10.9

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 11/29/2023

Supervised By :mohammad ahmed 11/29/2023



#80

Butylbenzylphthalate

Concen: 45.381 ng

RT: 13.416 min Scan# 1926

Delta R.T. 0.000 min

Lab File: BF136225.D

Acq: 27 Nov 2023 16:36

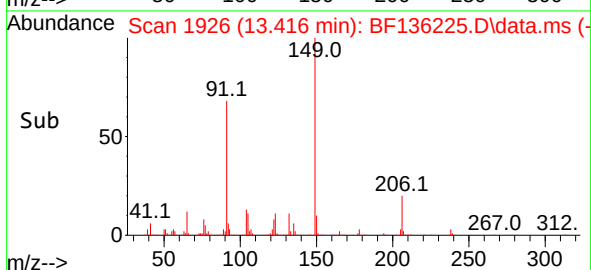
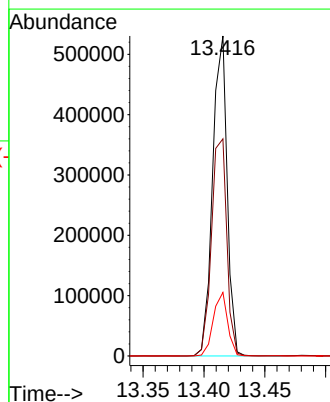
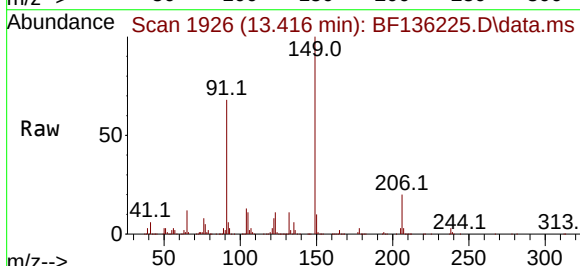
Tgt Ion:149 Resp: 440672

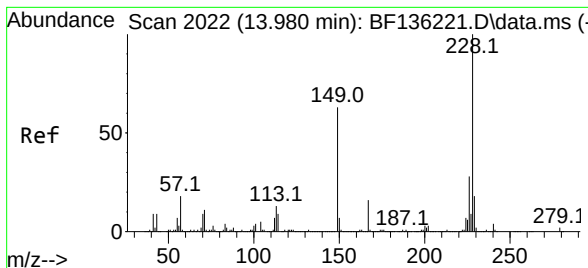
Ion Ratio Lower Upper

149 100

91 67.8 56.4 84.6

206 19.9 14.8 22.2





#81

Benzo(a)anthracene

Concen: 42.761 ng

RT: 13.980 min Scan# 2022

Delta R.T. 0.000 min

Lab File: BF136225.D

Acq: 27 Nov 2023 16:36

Instrument :

BNA_F

ClientSampleId :

ICVBF112723

Tgt Ion:228 Resp: 904880

Ion Ratio Lower Upper

228 100

226 28.2 22.6 34.0

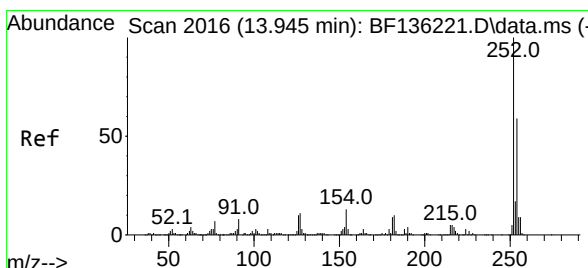
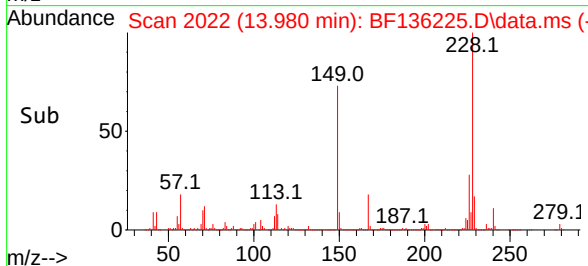
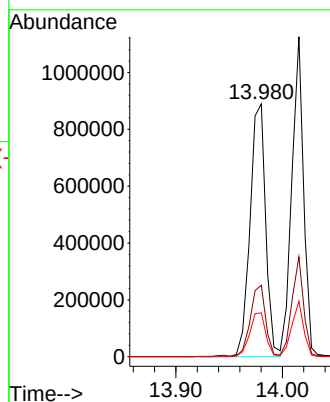
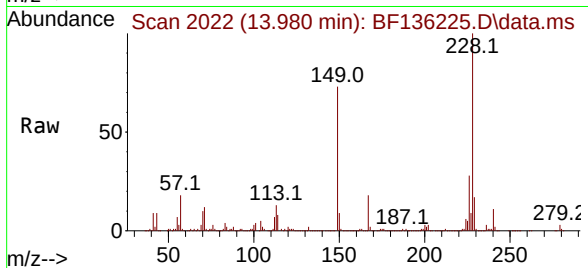
229 17.4 14.0 21.0

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 11/29/2023

Supervised By :mohammad ahmed 11/29/2023



#82

3,3'-Dichlorobenzidine

Concen: 44.068 ng

RT: 13.945 min Scan# 2016

Delta R.T. 0.000 min

Lab File: BF136225.D

Acq: 27 Nov 2023 16:36

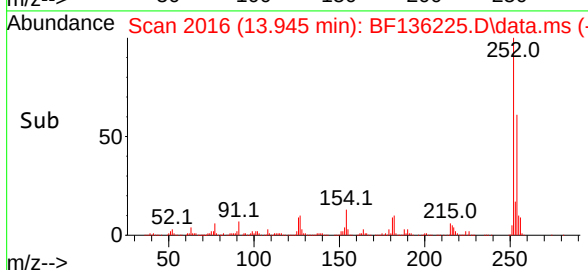
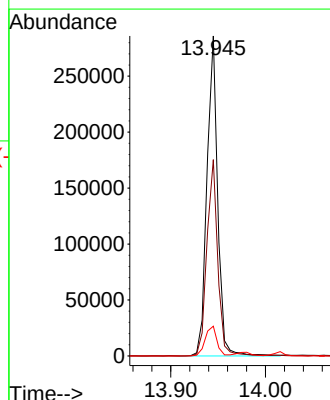
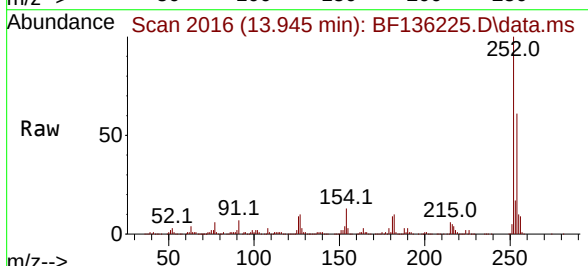
Tgt Ion:252 Resp: 224476

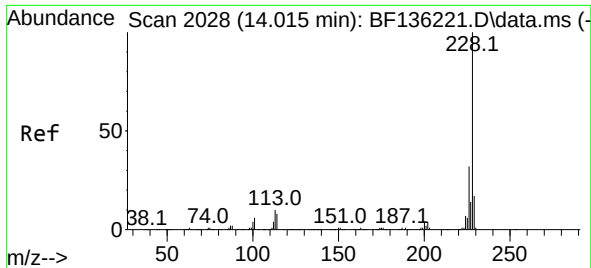
Ion Ratio Lower Upper

252 100

254 61.3 47.4 71.2

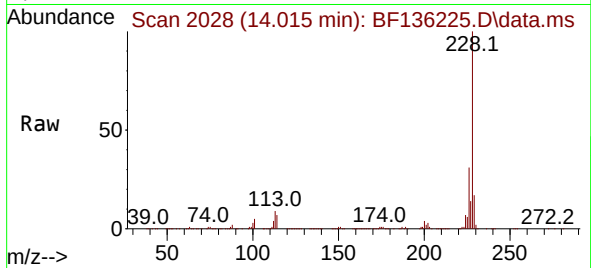
126 9.3 8.3 12.5





#83
Chrysene
Concen: 42.745 ng
RT: 14.015 min Scan# 2028
Delta R.T. 0.000 min
Lab File: BF136225.D
Acq: 27 Nov 2023 16:36

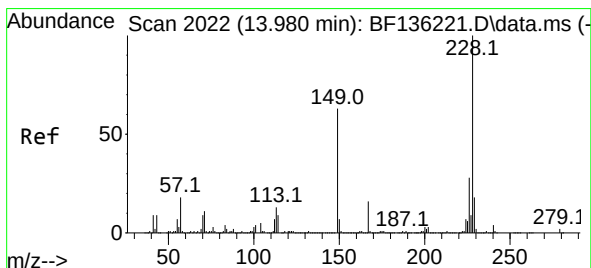
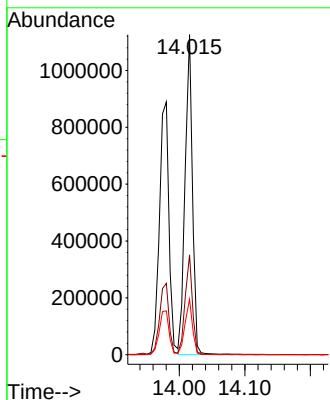
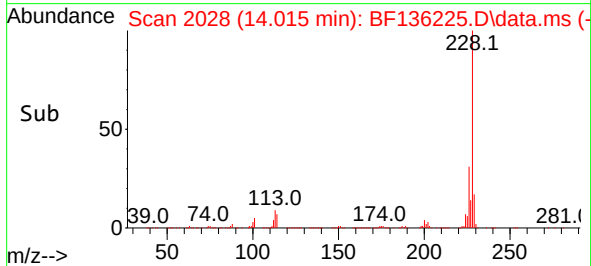
Instrument :
BNA_F
ClientSampleId :
ICVBF112723



Tgt Ion:228 Resp: 873368
Ion Ratio Lower Upper
228 100
226 31.2 25.5 38.3
229 17.3 13.9 20.9

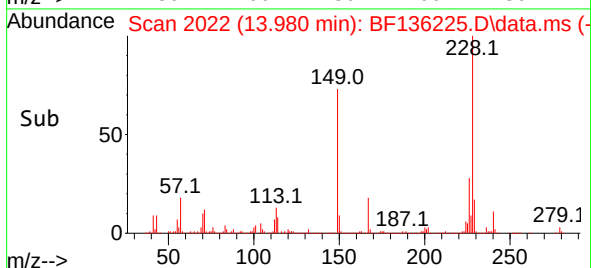
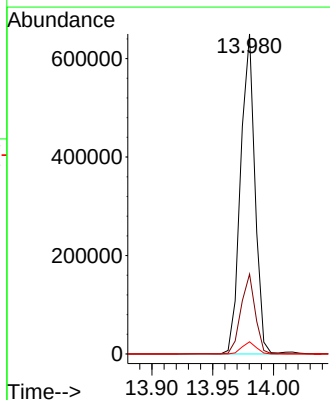
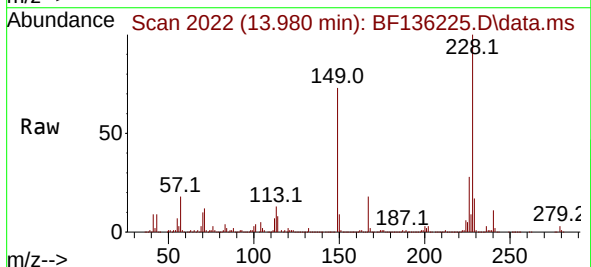
Manual Integrations
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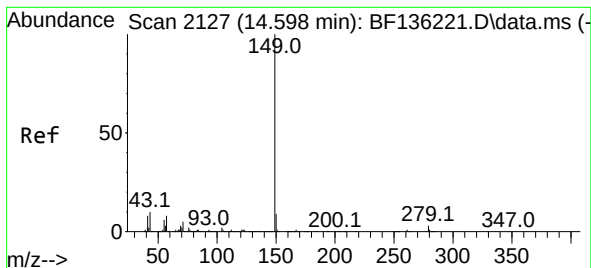
Reviewed By :Yogesh Patel 11/29/2023
Supervised By :mohammad ahmed 11/29/2023



#84
Bis(2-ethylhexyl)phthalate
Concen: 45.569 ng
RT: 13.980 min Scan# 2022
Delta R.T. 0.000 min
Lab File: BF136225.D
Acq: 27 Nov 2023 16:36

Tgt Ion:149 Resp: 531056
Ion Ratio Lower Upper
149 100
167 24.9 20.2 30.2
279 3.8 2.4 3.6#





#85

Di-n-octyl phthalate

Concen: 40.690 ng

RT: 14.598 min Scan# 2127

Delta R.T. -0.000 min

Lab File: BF136225.D

Acq: 27 Nov 2023 16:36

Instrument :

BNA_F

ClientSampleId :

ICVBF112723

Tgt Ion:149 Resp: 75347

Ion Ratio Lower Upper

149 100

167 1.4 1.0 1.6

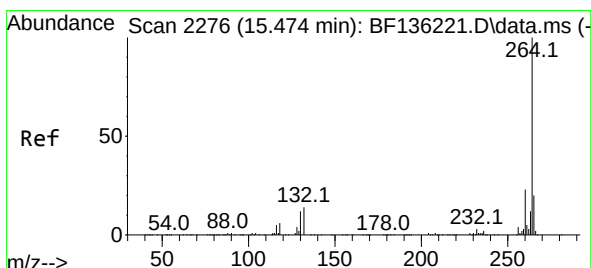
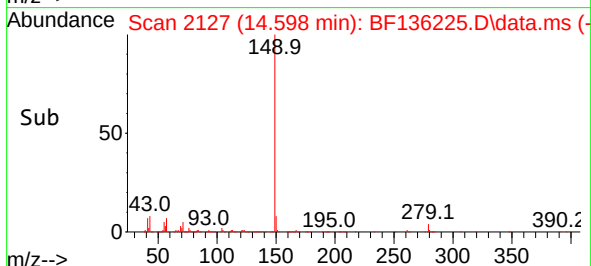
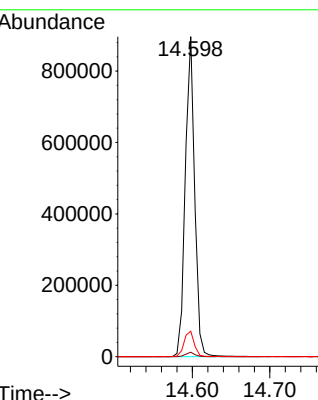
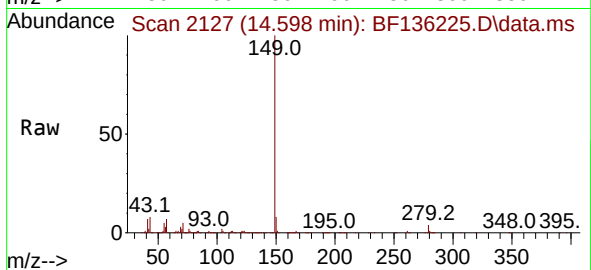
43 8.8 7.2 10.8

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 11/29/2023

Supervised By :mohammad ahmed 11/29/2023



#86

Perylene-d12

Concen: 20.000 ng

RT: 15.468 min Scan# 2275

Delta R.T. -0.006 min

Lab File: BF136225.D

Acq: 27 Nov 2023 16:36

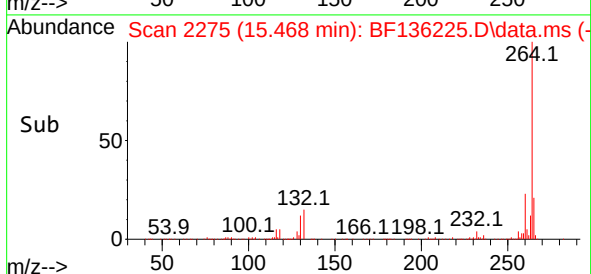
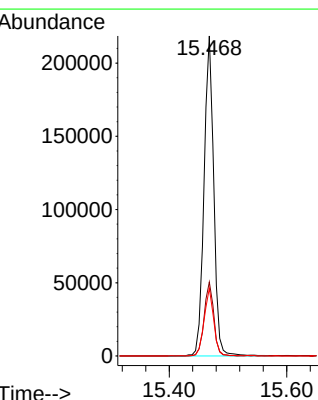
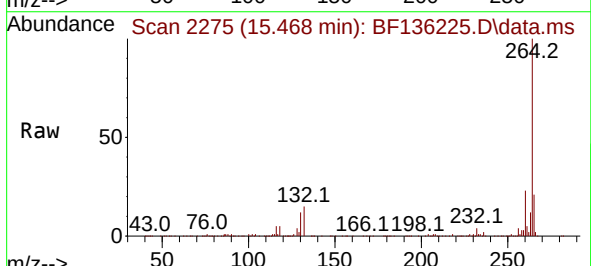
Tgt Ion:264 Resp: 250563

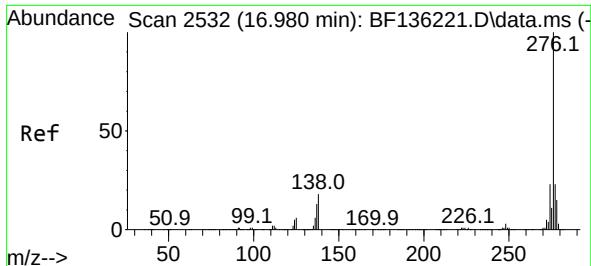
Ion Ratio Lower Upper

264 100

260 23.1 18.6 27.8

265 21.1 15.7 23.5





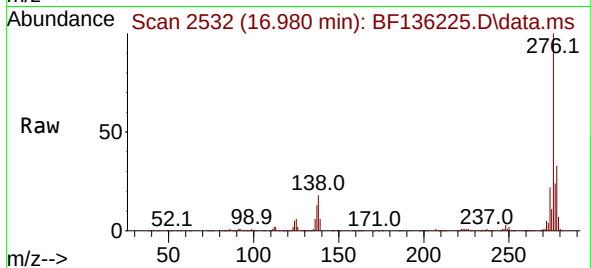
#87
Indeno(1,2,3-cd)pyrene
Concen: 41.705 ng
RT: 16.980 min Scan# 21
Delta R.T. 0.000 min
Lab File: BF136225.D
Acq: 27 Nov 2023 16:36

Instrument :

BNA_F

ClientSampleId :

ICVBF112723

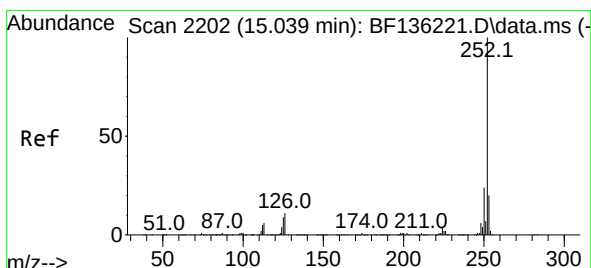
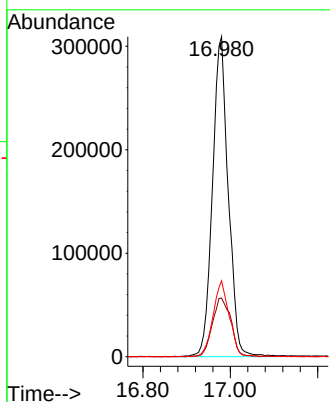
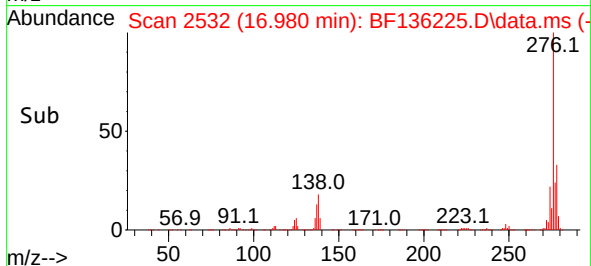


Tgt Ion:276 Resp: 77413
Ion Ratio Lower Upper
276 100
138 21.6 17.7 26.5
277 24.5 19.6 29.4

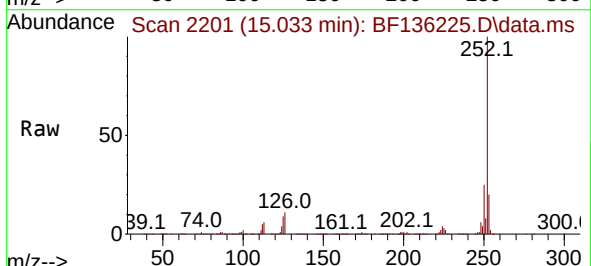
Manual Integrations

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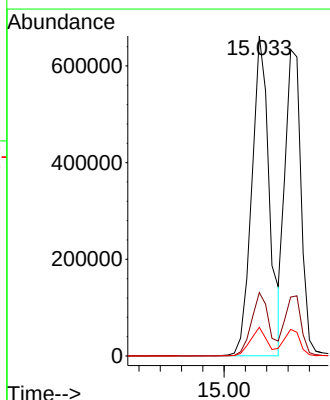
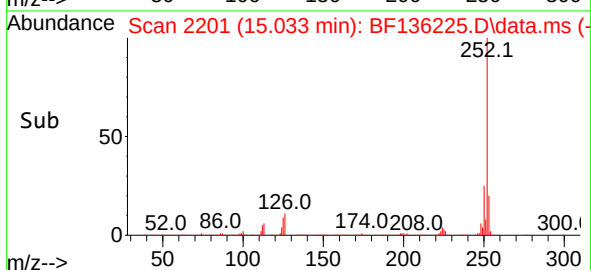
Reviewed By :Yogesh Patel 11/29/2023
Supervised By :mohammad ahmed 11/29/2023

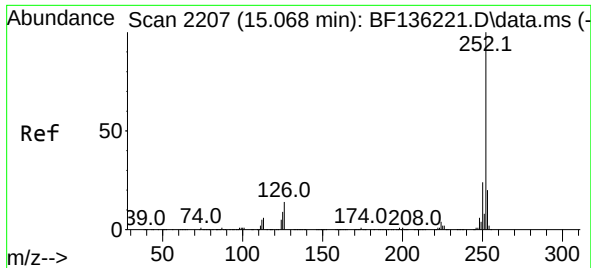


#88
Benzo(b)fluoranthene
Concen: 43.148 ng
RT: 15.033 min Scan# 2201
Delta R.T. -0.006 min
Lab File: BF136225.D
Acq: 27 Nov 2023 16:36



Tgt Ion:252 Resp: 758503
Ion Ratio Lower Upper
252 100
253 19.8 16.2 24.2
125 8.9 6.9 10.3





#89
Benzo(k)fluoranthene
Concen: 40.221 ng
RT: 15.062 min Scan# 2207
Delta R.T. -0.006 min
Lab File: BF136225.D
Acq: 27 Nov 2023 16:36

Instrument :

BNA_F

ClientSampleId :

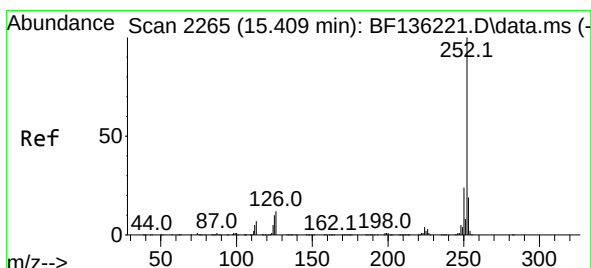
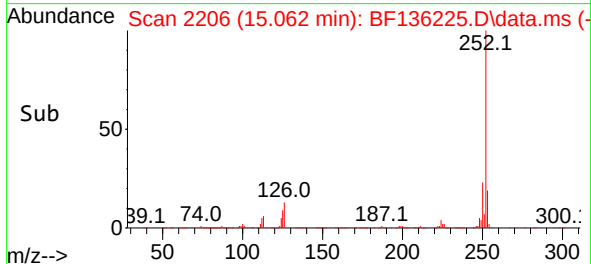
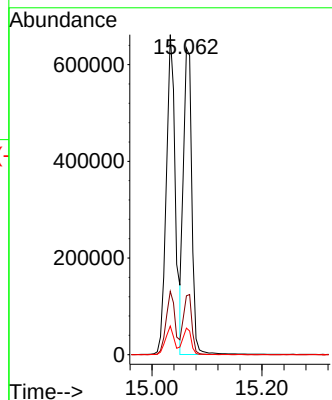
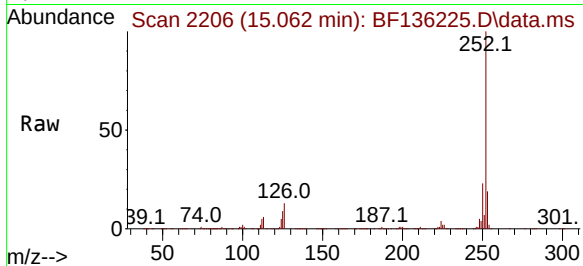
ICVBF112723

Tgt Ion:252 Resp: 671529
Ion Ratio Lower Upper
252 100
253 19.2 15.6 23.4
125 8.7 7.0 10.4

Manual Integrations

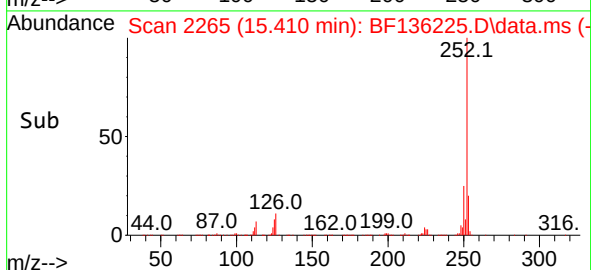
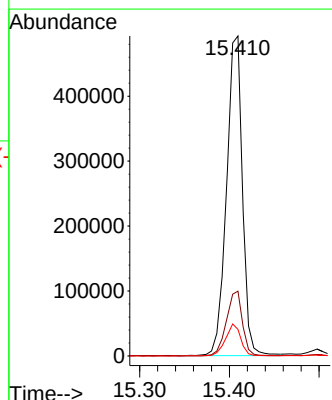
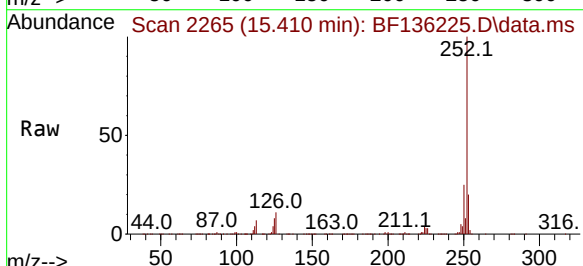
APPROVED

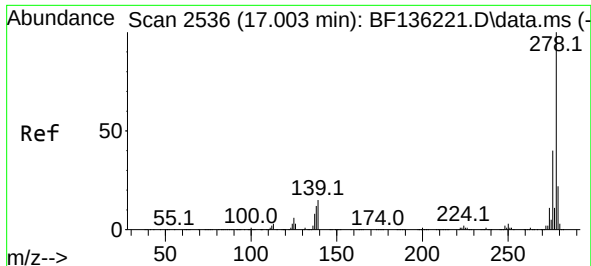
Reviewed By :Yogesh Patel 11/29/2023
Supervised By :mohammad ahmed 11/29/2023



#90
Benzo(a)pyrene
Concen: 42.178 ng
RT: 15.410 min Scan# 2265
Delta R.T. 0.001 min
Lab File: BF136225.D
Acq: 27 Nov 2023 16:36

Tgt Ion:252 Resp: 606118
Ion Ratio Lower Upper
252 100
253 20.3 15.5 23.3
125 8.3 7.9 11.9





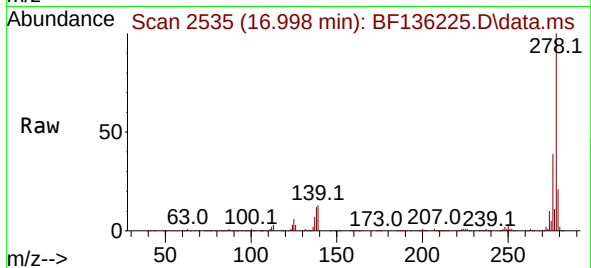
#91
Dibenzo(a,h)anthracene
Concen: 41.457 ng
RT: 16.998 min Scan# 21
Delta R.T. -0.005 min
Lab File: BF136225.D
Acq: 27 Nov 2023 16:36

Instrument :

BNA_F

ClientSampleId :

ICVBF112723

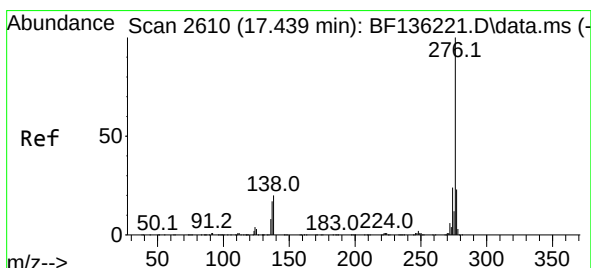
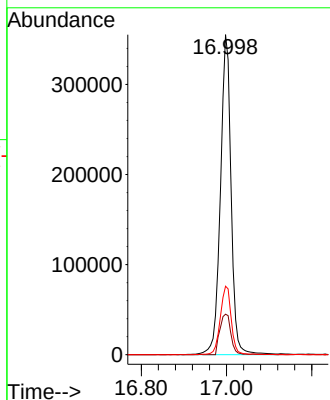
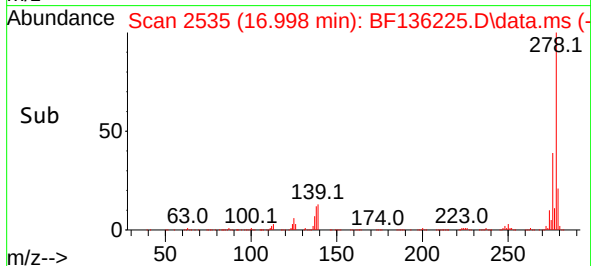


Tgt Ion:278 Resp: 61729
Ion Ratio Lower Upper
278 100
139 12.7 11.7 17.5
279 21.4 17.8 26.8

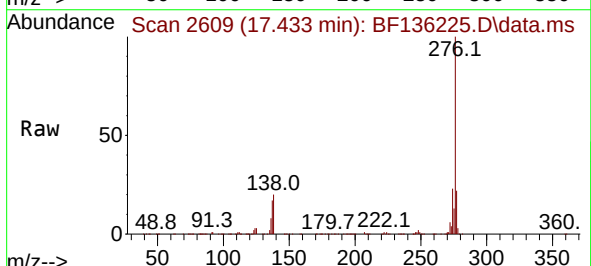
Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 11/29/2023
Supervised By :mohammad ahmed 11/29/2023



#92
Benzo(g,h,i)perylene
Concen: 41.737 ng
RT: 17.433 min Scan# 2609
Delta R.T. -0.006 min
Lab File: BF136225.D
Acq: 27 Nov 2023 16:36



Tgt Ion:276 Resp: 625658
Ion Ratio Lower Upper
276 100
277 21.9 18.6 27.8
138 19.6 15.8 23.8

