

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF112124\
 Data File : BF140536.D
 Acq On : 21 Nov 2024 15:07
 Operator : RC/JU
 Sample : SSTDICV040
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :

BNA_F

ClientSampleId :

ICVBF112124

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 11/22/2024

Supervised By :mohammad ahmed 11/27/2024

Quant Time: Nov 21 16:11:44 2024

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF112124.M

Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

QLast Update : Thu Nov 21 15:23:48 2024

Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.875	152	106835	20.000	ng	0.00
21) Naphthalene-d8	8.157	136	417612	20.000	ng	0.00
39) Acenaphthene-d10	9.916	164	239418	20.000	ng	0.00
64) Phenanthrene-d10	11.404	188	448820	20.000	ng	0.00
76) Chrysene-d12	14.057	240	266538	20.000	ng	0.00
86) Perylene-d12	15.551	264	215076	20.000	ng	0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.498	112	494717	79.009	ng	0.00
7) Phenol-d6	6.516	99	674309	81.459	ng	0.00
23) Nitrobenzene-d5	7.439	82	644226	78.907	ng	0.00
42) 2,4,6-Tribromophenol	10.710	330	204020	79.677	ng	0.00
45) 2-Fluorobiphenyl	9.227	172	1227501	76.390	ng	0.00
79) Terphenyl-d14	12.992	244	1291669	75.460	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	2.640	88	102768	39.036	ng	99
3) Pyridine	3.410	79	258925	44.701	ng	99
4) n-Nitrosodimethylamine	3.369	42	140208	41.184	ng	98
6) Aniline	6.539	93	274234	47.067	ng	91
8) 2-Chlorophenol	6.663	128	270746	40.191	ng	98
9) Benzaldehyde	6.428	77	161873	36.939	ng	99
10) Phenol	6.528	94	346860	41.030	ng	98
11) bis(2-Chloroethyl)ether	6.610	93	257441	39.796	ng	99
12) 1,3-Dichlorobenzene	6.816	146	300749	39.732	ng	99
13) 1,4-Dichlorobenzene	6.892	146	304030	39.668	ng	100
14) 1,2-Dichlorobenzene	7.045	146	283001	39.406	ng	98
15) Benzyl Alcohol	7.016	79	257787	41.993	ng	98
16) 2,2'-oxybis(1-Chloropr...	7.145	45	314742	41.183	ng	93
17) 2-Methylphenol	7.133	107	224359	41.606	ng	98
18) Hexachloroethane	7.381	117	114809	40.108	ng	98
19) n-Nitroso-di-n-propyla...	7.286	70	205658	42.038	ng	99
20) 3+4-Methylphenols	7.286	107	287897	41.536	ng	98
22) Acetophenone	7.281	105	396692	38.963	ng	99
24) Nitrobenzene	7.457	77	330161	39.127	ng	99
25) Isophorone	7.692	82	549222	40.332	ng	99
26) 2-Nitrophenol	7.769	139	150969	40.372	ng	98
27) 2,4-Dimethylphenol	7.810	122	177031	39.568	ng	99
28) bis(2-Chloroethoxy)met...	7.898	93	331321	39.938	ng	100
29) 2,4-Dichlorophenol	8.016	162	236857	39.952	ng	99
30) 1,2,4-Trichlorobenzene	8.098	180	263327	38.901	ng	99
31) Naphthalene	8.175	128	842187	39.152	ng	99
32) Benzoic acid	7.939	122	156794	41.429	ng	98
33) 4-Chloroaniline	8.228	127	280483	43.551	ng	99
34) Hexachlorobutadiene	8.292	225	176676	39.406	ng	99
35) Caprolactam	8.604	113	74088	40.381	ng	94
36) 4-Chloro-3-methylphenol	8.716	107	266862	40.203	ng	99
37) 2-Methylnaphthalene	8.869	142	546332	39.987	ng	99
38) 1-Methylnaphthalene	8.969	142	531502	39.688	ng	99
40) 1,2,4,5-Tetrachloroben...	9.033	216	272114	38.824	ng	100
41) Hexachlorocyclopentadiene	9.016	237	52730	37.711	ng	97
43) 2,4,6-Trichlorophenol	9.151	196	173239	39.390	ng	99

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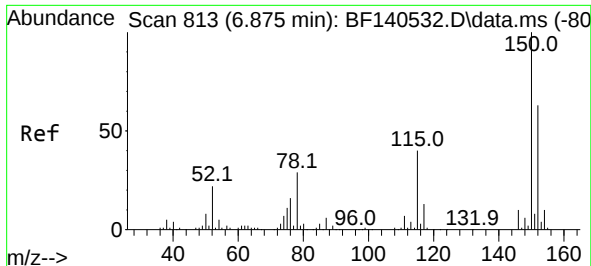
Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 11/22/2024
 Supervised By :mohammad ahmed 11/27/2024

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 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.192	196	192368	40.302	ng	99
46) 1,1'-Biphenyl	9.333	154	693007	38.769	ng	100
47) 2-Chloronaphthalene	9.357	162	530895	39.197	ng	100
48) 2-Nitroaniline	9.457	65	174060	40.037	ng	99
49) Acenaphthylene	9.774	152	795061	38.850	ng	99
50) Dimethylphthalate	9.633	163	624268	39.591	ng	99
51) 2,6-Dinitrotoluene	9.698	165	140739	39.356	ng	100
52) Acenaphthene	9.945	154	501631m	38.578	ng	
53) 3-Nitroaniline	9.874	138	143055	40.901	ng	96
54) 2,4-Dinitrophenol	9.980	184	58542	36.341	ng	99
55) Dibenzofuran	10.122	168	766460	38.644	ng	99
56) 4-Nitrophenol	10.039	139	100812	42.263	ng	99
57) 2,4-Dinitrotoluene	10.104	165	194980	41.025	ng	98
58) Fluorene	10.463	166	622708	39.115	ng	99
59) 2,3,4,6-Tetrachlorophenol	10.239	232	153327	41.797	ng	97
60) Diethylphthalate	10.333	149	626046	39.078	ng	100
61) 4-Chlorophenyl-phenyle...	10.451	204	308891	39.536	ng	99
62) 4-Nitroaniline	10.486	138	148087	40.369	ng	99
63) Azobenzene	10.616	77	597687	39.396	ng	99
65) 4,6-Dinitro-2-methylph...	10.516	198	94340	41.134	ng	99
66) n-Nitrosodiphenylamine	10.574	169	513960	38.723	ng	99
67) 4-Bromophenyl-phenylether	10.945	248	180160	38.977	ng	99
68) Hexachlorobenzene	11.016	284	208589	38.974	ng	99
69) Atrazine	11.098	200	129353	34.643	ng	99
70) Pentachlorophenol	11.210	266	100767	42.779	ng	98
71) Phenanthrene	11.427	178	838392	38.861	ng	99
72) Anthracene	11.480	178	819442	38.829	ng	100
73) Carbazole	11.639	167	795975	39.207	ng	100
74) Di-n-butylphthalate	11.963	149	932026	39.765	ng	99
75) Fluoranthene	12.621	202	937019	40.002	ng	100
77) Benzidine	12.745	184	304946	39.351	ng	99
78) Pyrene	12.851	202	941890	38.219	ng	99
80) Butylbenzylphthalate	13.463	149	359930	40.542	ng	97
81) Benzo(a)anthracene	14.045	228	700865	39.723	ng	100
82) 3,3'-Dichlorobenzidine	14.004	252	217249	41.011	ng	99
83) Chrysene	14.080	228	635750	39.406	ng	99
84) Bis(2-ethylhexyl)phtha...	14.021	149	468853	41.823	ng	99
85) Di-n-octyl phthalate	14.645	149	673561	43.965	ng	99
87) Indeno(1,2,3-cd)pyrene	17.062	276	546567	38.995	ng	99
88) Benzo(b)fluoranthene	15.109	252	551853	40.850	ng	100
89) Benzo(k)fluoranthene	15.145	252	474176	40.110	ng	100
90) Benzo(a)pyrene	15.486	252	439811	40.041	ng	99
91) Dibenzo(a,h)anthracene	17.074	278	459746	40.052	ng	100
92) Benzo(g,h,i)perylene	17.521	276	463747	39.591	ng	99

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



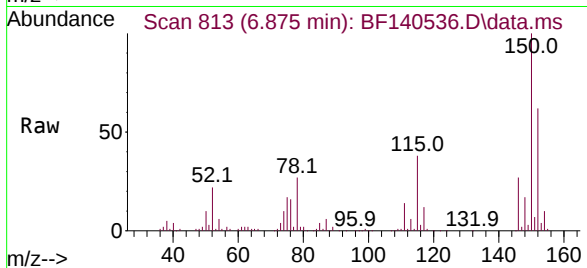
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 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.875 min Scan# 81
 Delta R.T. -0.000 min
 Lab File: BF140536.D
 Acq: 21 Nov 2024 15:07

Instrument :

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ICVBF112124



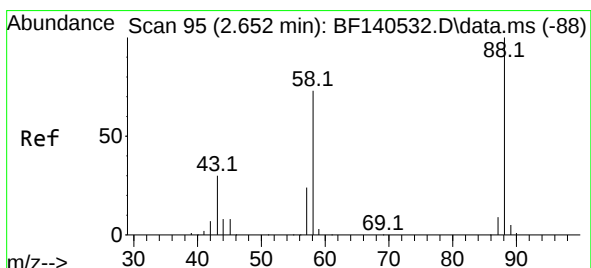
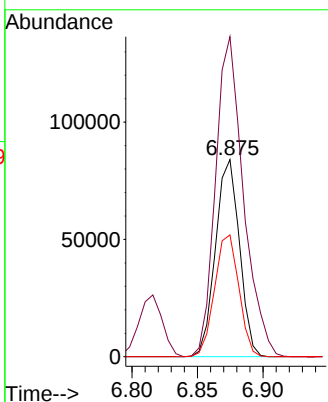
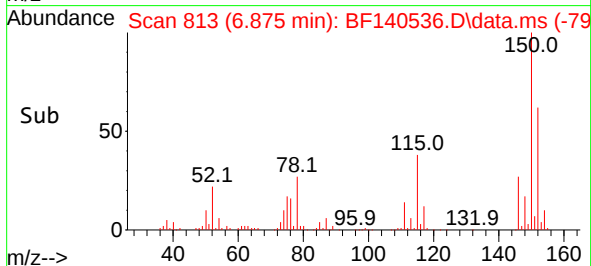
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 Ion Ratio Lower Upper
 152 100
 150 162.4 128.5 192.7
 115 61.8 50.2 75.4

Manual Integrations

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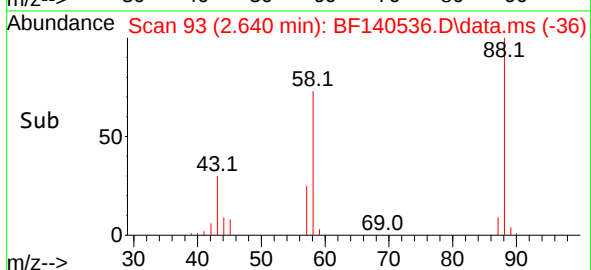
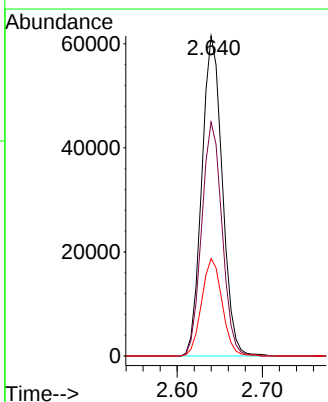
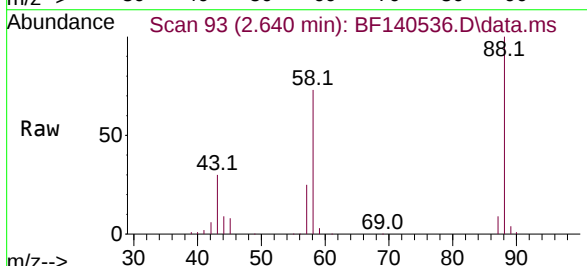
Reviewed By :Yogesh Patel 11/22/2024

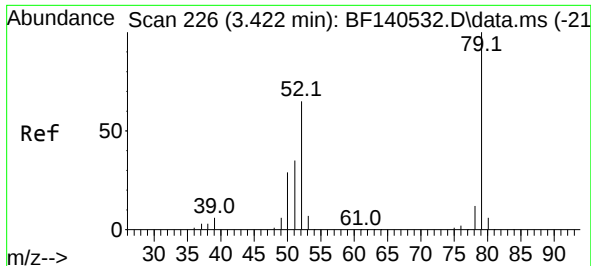
Supervised By :mohammad ahmed 11/27/2024



#2
 1,4-Dioxane
 Concen: 39.036 ng
 RT: 2.640 min Scan# 93
 Delta R.T. -0.012 min
 Lab File: BF140536.D
 Acq: 21 Nov 2024 15:07

Tgt Ion: 88 Resp: 102768
 Ion Ratio Lower Upper
 88 100
 58 72.6 57.4 86.2
 43 30.5 24.3 36.5





#3

Pyridine

Concen: 44.701 ng

RT: 3.410 min Scan# 217

Delta R.T. -0.012 min

Lab File: BF140536.D

Acq: 21 Nov 2024 15:07

Instrument :

BNA_F

ClientSampleId :

ICVBF112124

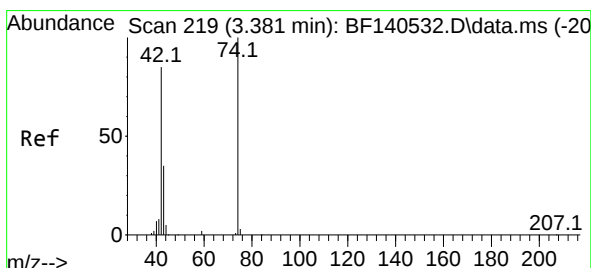
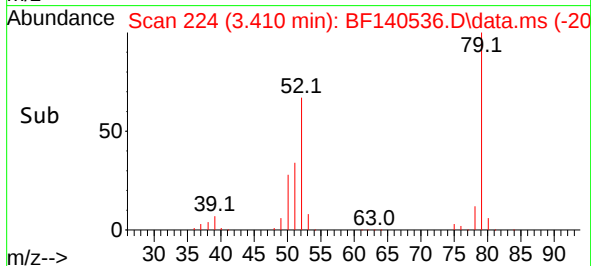
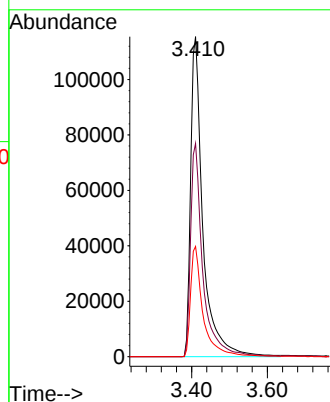
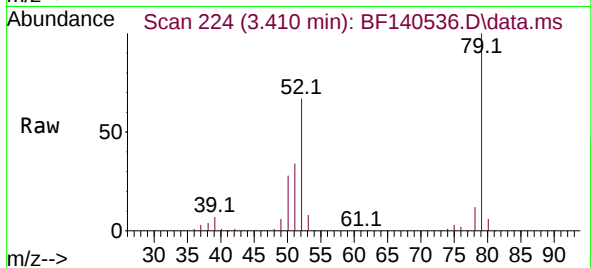
Tgt Ion: 79 Resp: 258925
 Ion Ratio Lower Upper
 79 100
 52 66.6 52.1 78.1
 51 34.4 27.8 41.8

Manual Integrations

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Supervised By :mohammad ahmed 11/27/2024



#4

n-Nitrosodimethylamine

Concen: 41.184 ng

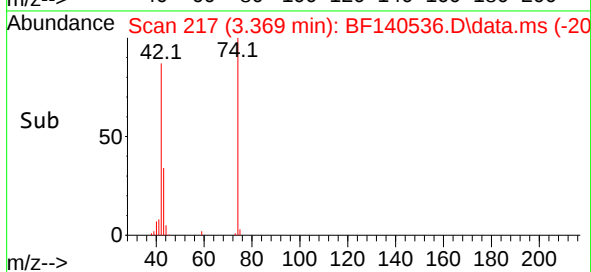
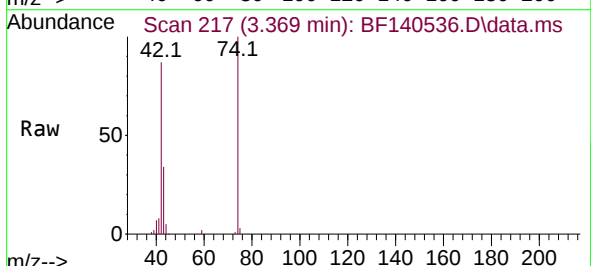
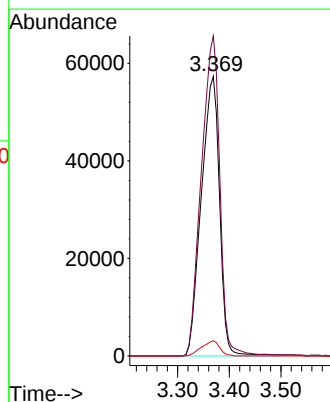
RT: 3.369 min Scan# 217

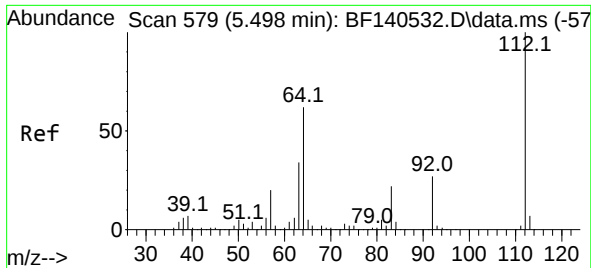
Delta R.T. -0.012 min

Lab File: BF140536.D

Acq: 21 Nov 2024 15:07

Tgt Ion: 42 Resp: 140208
 Ion Ratio Lower Upper
 42 100
 74 114.5 93.8 140.6
 44 5.5 4.6 6.8





#5
2-Fluorophenol
Concen: 79.009 ng
RT: 5.498 min Scan# 511
Delta R.T. -0.000 min
Lab File: BF140536.D
Acq: 21 Nov 2024 15:07

Instrument :

BNA_F

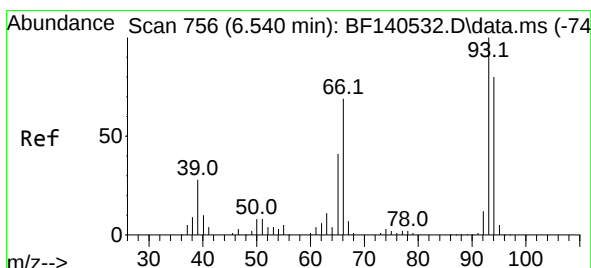
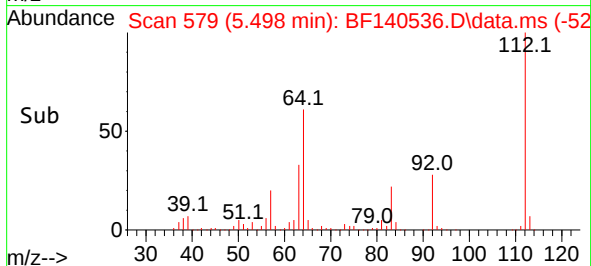
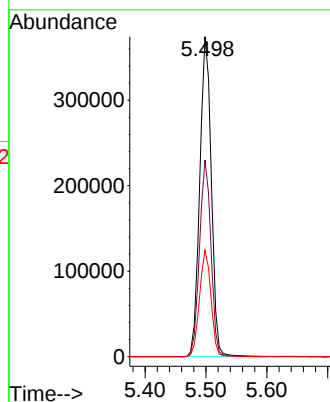
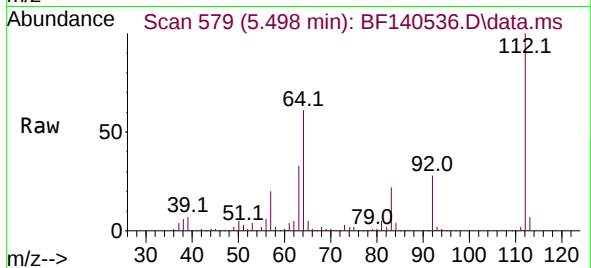
ClientSampleId :

ICVBF112124

Tgt Ion:112 Resp: 49471
Ion Ratio Lower Upper
112 100
64 61.5 49.2 73.8
63 33.3 27.0 40.4

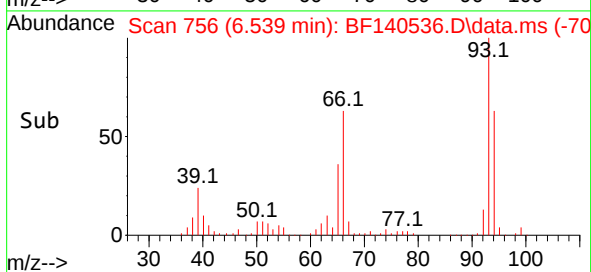
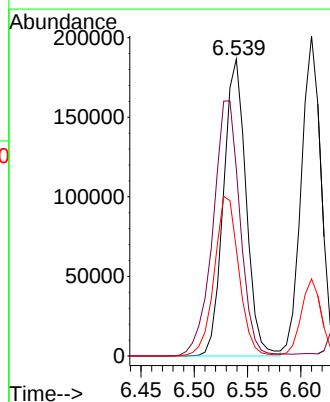
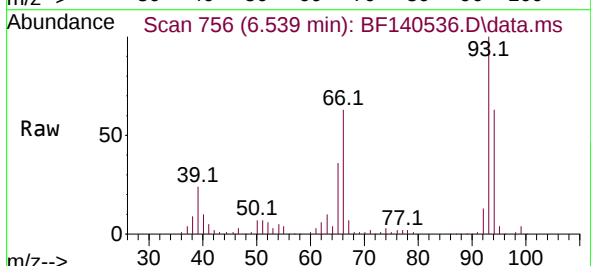
Manual Integrations
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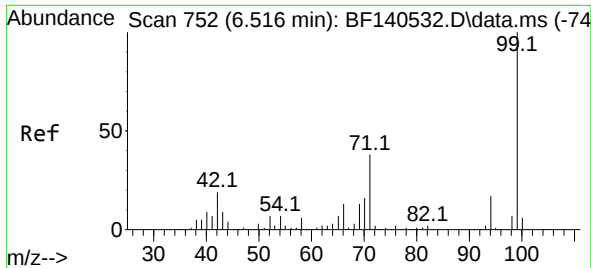
Reviewed By :Yogesh Patel 11/22/2024
Supervised By :mohammad ahmed 11/27/2024



#6
Aniline
Concen: 47.067 ng
RT: 6.539 min Scan# 756
Delta R.T. -0.000 min
Lab File: BF140536.D
Acq: 21 Nov 2024 15:07

Tgt Ion: 93 Resp: 274234
Ion Ratio Lower Upper
93 100
66 62.8 56.5 84.7
65 35.9 32.9 49.3





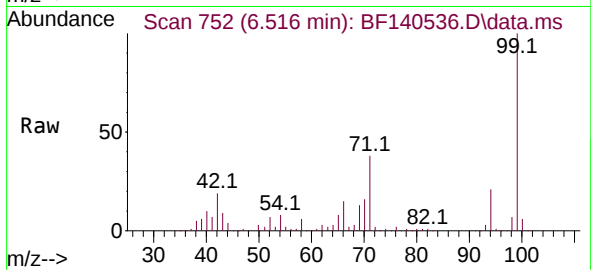
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Phenol-d6
Concen: 81.459 ng
RT: 6.516 min Scan# 752
Delta R.T. -0.000 min
Lab File: BF140536.D
Acq: 21 Nov 2024 15:07

Instrument :

BNA_F

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ICVBF112124

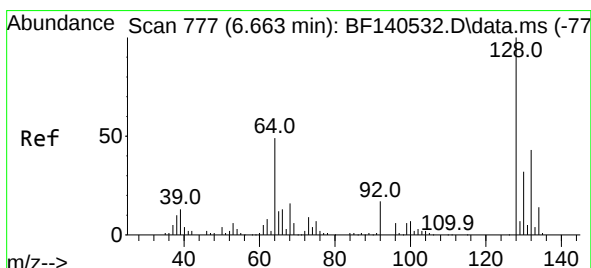
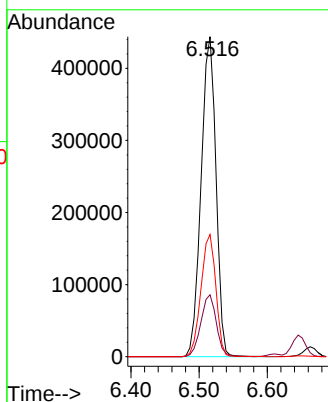
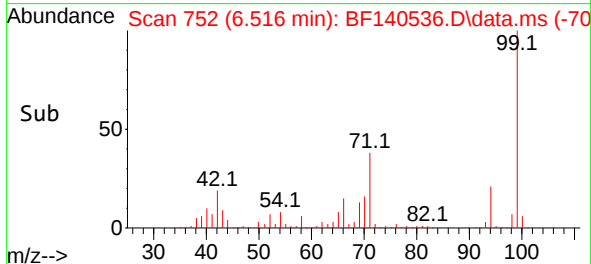


Tgt Ion: 99 Resp: 674309
Ion Ratio Lower Upper
99 100
42 19.3 15.4 23.0
71 38.2 30.6 46.0

Manual Integrations

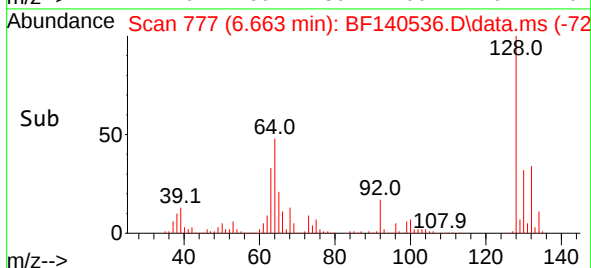
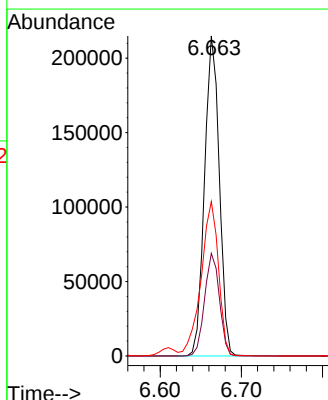
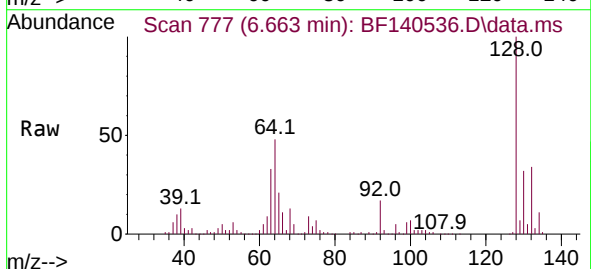
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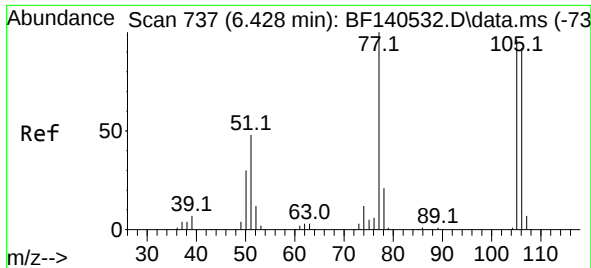
Reviewed By :Yogesh Patel 11/22/2024
Supervised By :mohammad ahmed 11/27/2024



#8
2-Chlorophenol
Concen: 40.191 ng
RT: 6.663 min Scan# 777
Delta R.T. -0.000 min
Lab File: BF140536.D
Acq: 21 Nov 2024 15:07

Tgt Ion:128 Resp: 270746
Ion Ratio Lower Upper
128 100
130 32.1 12.3 52.3
64 48.3 30.2 70.2





#9
Benzaldehyde
Concen: 36.939 ng
RT: 6.428 min Scan# 737
Delta R.T. -0.000 min
Lab File: BF140536.D
Acq: 21 Nov 2024 15:07

Instrument :

BNA_F

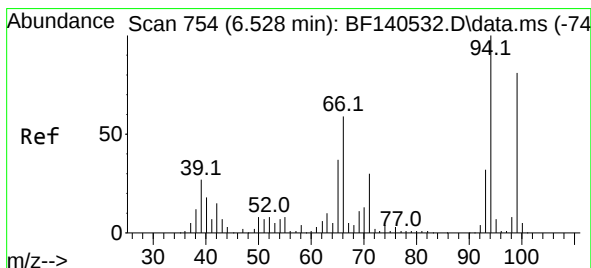
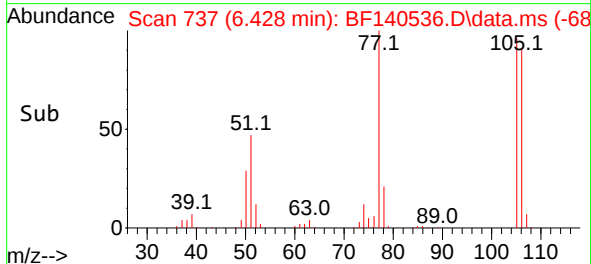
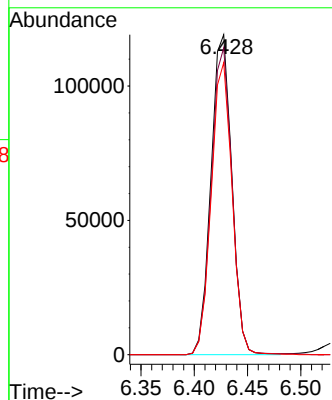
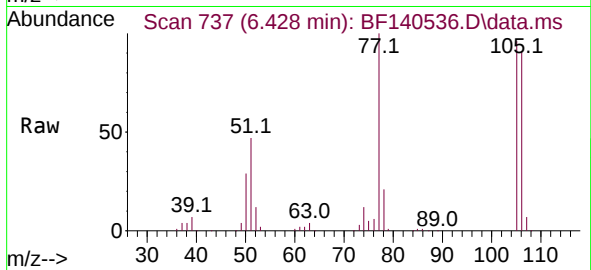
ClientSampleId :

ICVBF112124

Tgt Ion: 77 Resp: 16187
Ion Ratio Lower Upper
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105 95.9 75.6 115.6
106 91.2 72.0 112.0

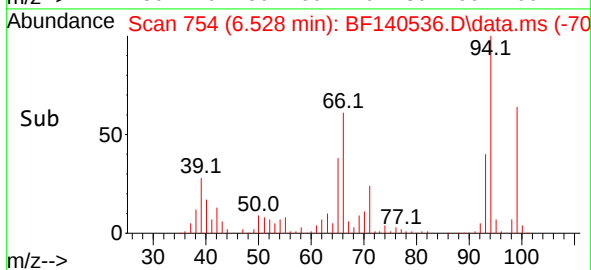
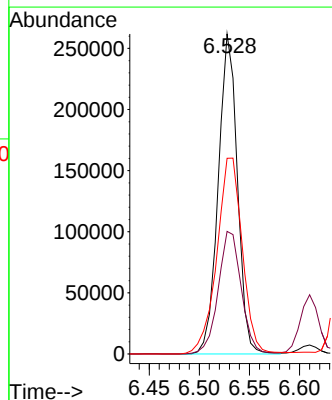
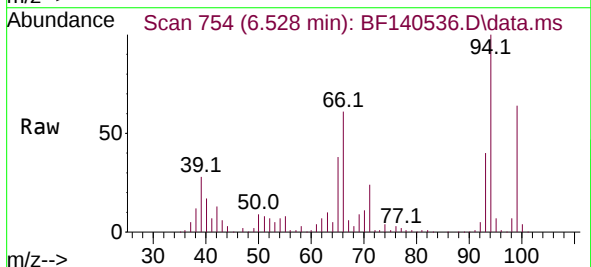
Manual Integrations
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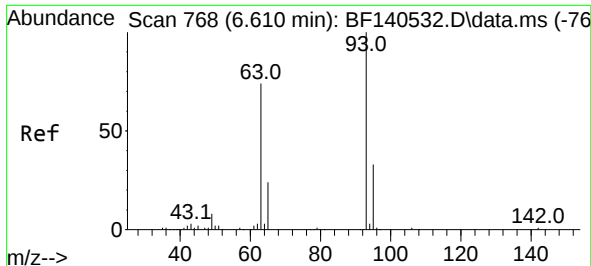
Reviewed By :Yogesh Patel 11/22/2024
Supervised By :mohammad ahmed 11/27/2024



#10
Phenol
Concen: 41.030 ng
RT: 6.528 min Scan# 754
Delta R.T. -0.000 min
Lab File: BF140536.D
Acq: 21 Nov 2024 15:07

Tgt Ion: 94 Resp: 346860
Ion Ratio Lower Upper
94 100
65 38.3 17.2 57.2
66 61.2 39.2 79.2





#11
bis(2-Chloroethyl)ether
Concen: 39.796 ng
RT: 6.610 min Scan# 768
Delta R.T. -0.000 min
Lab File: BF140536.D
Acq: 21 Nov 2024 15:07

Instrument :

BNA_F

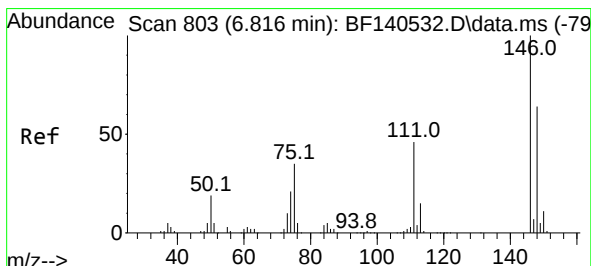
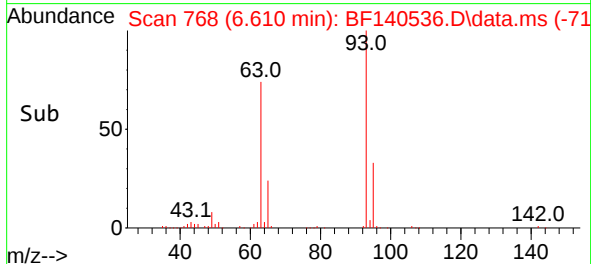
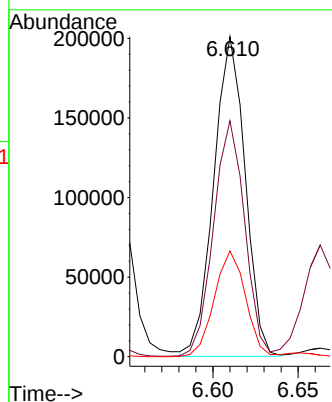
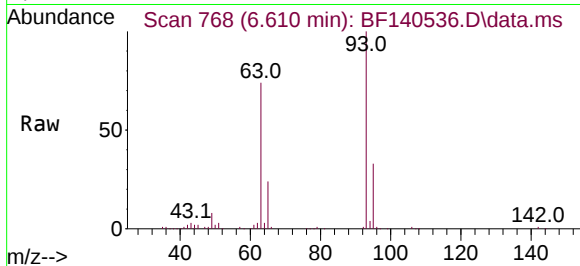
Client Sample Id :

ICVBF112124

Tgt Ion: 93 Resp: 25744
Ion Ratio Lower Upper
93 100
63 73.7 52.8 92.8
95 33.0 12.3 52.3

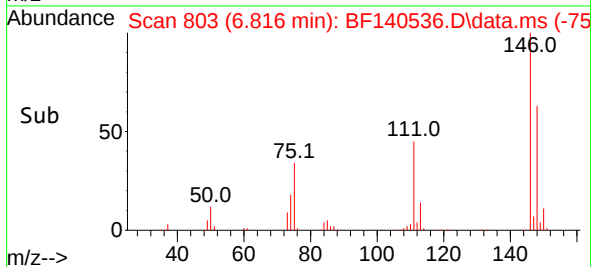
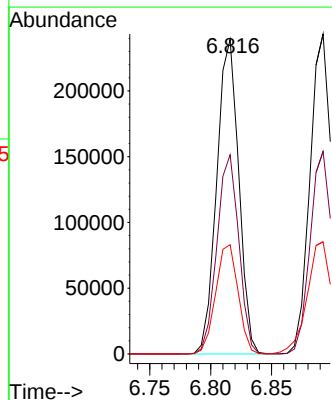
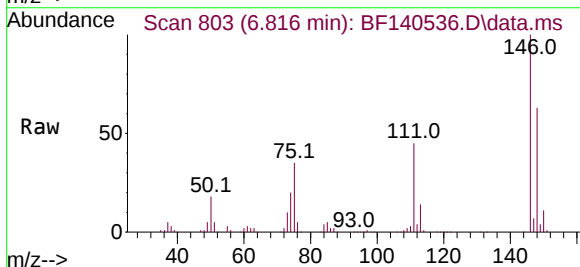
Manual Integrations
APPROVED

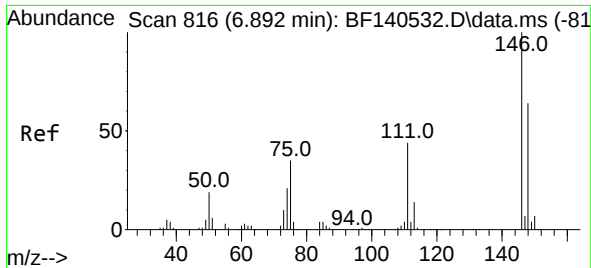
Reviewed By :Yogesh Patel 11/22/2024
Supervised By :mohammad ahmed 11/27/2024



#12
1,3-Dichlorobenzene
Concen: 39.732 ng
RT: 6.816 min Scan# 803
Delta R.T. -0.000 min
Lab File: BF140536.D
Acq: 21 Nov 2024 15:07

Tgt Ion:146 Resp: 300749
Ion Ratio Lower Upper
146 100
148 63.3 51.3 76.9
75 34.7 28.2 42.2





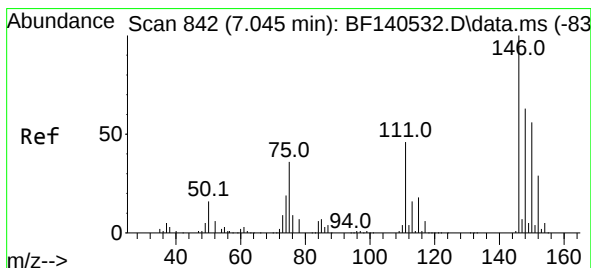
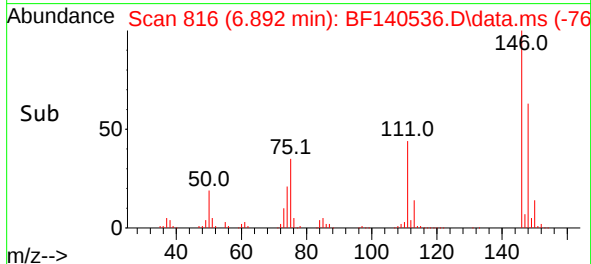
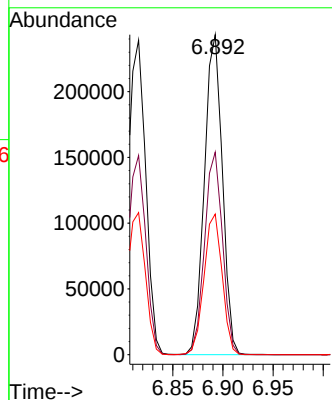
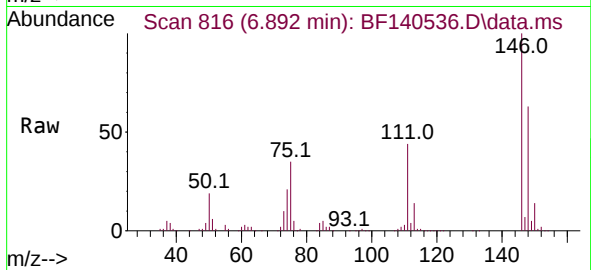
#13
1,4-Dichlorobenzene
Concen: 39.668 ng
RT: 6.892 min Scan# 816
Delta R.T. -0.000 min
Lab File: BF140536.D
Acq: 21 Nov 2024 15:07

Instrument :
BNA_F
ClientSampleId :
ICVBF112124

Tgt Ion:146 Resp: 304030
Ion Ratio Lower Upper
146 100
148 63.3 51.0 76.6
111 44.0 35.3 52.9

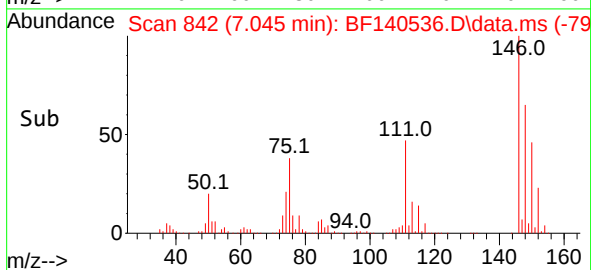
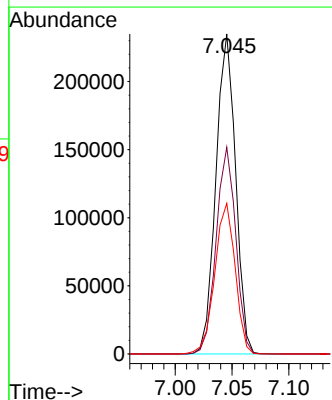
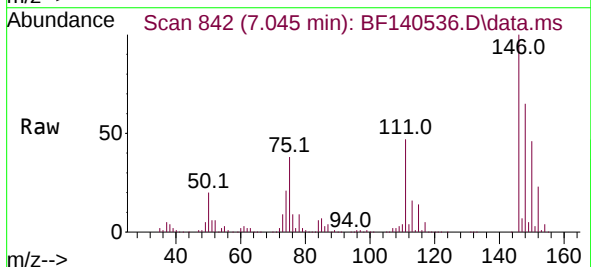
Manual Integrations
APPROVED

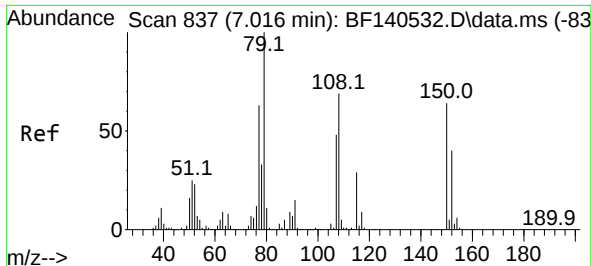
Reviewed By :Yogesh Patel 11/22/2024
Supervised By :mohammad ahmed 11/27/2024



#14
1,2-Dichlorobenzene
Concen: 39.406 ng
RT: 7.045 min Scan# 842
Delta R.T. -0.000 min
Lab File: BF140536.D
Acq: 21 Nov 2024 15:07

Tgt Ion:146 Resp: 283001
Ion Ratio Lower Upper
146 100
148 64.6 50.5 75.7
111 47.1 36.7 55.1





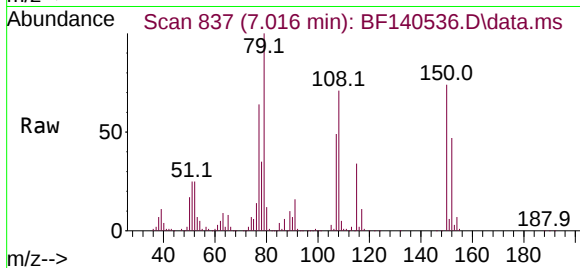
#15
Benzyl Alcohol
Concen: 41.993 ng
RT: 7.016 min Scan# 837
Delta R.T. -0.000 min
Lab File: BF140536.D
Acq: 21 Nov 2024 15:07

Instrument :

BNA_F

ClientSampleId :

ICVBF112124

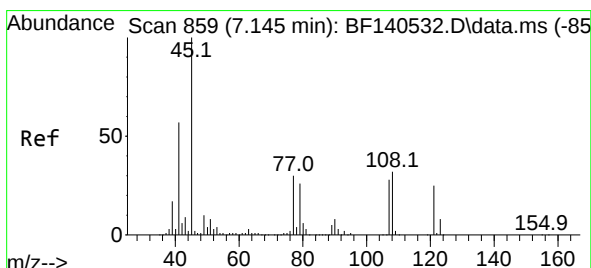
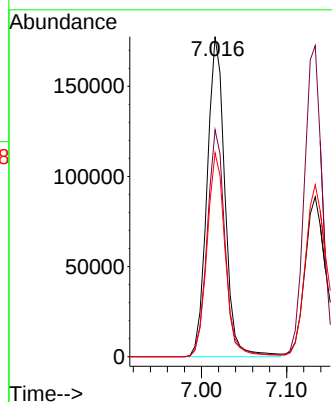
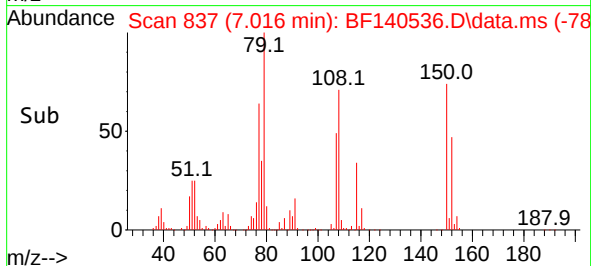


Tgt Ion: 79 Resp: 25778
Ion Ratio Lower Upper
79 100
108 70.9 55.0 82.6
77 63.7 50.1 75.1

Manual Integrations

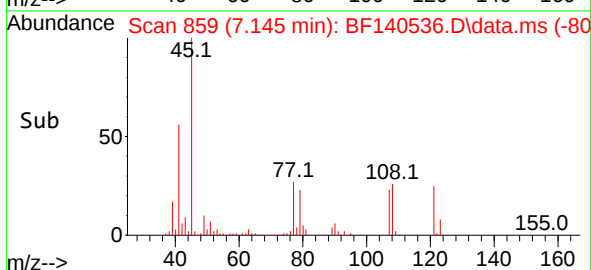
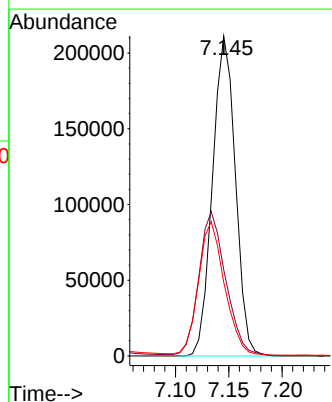
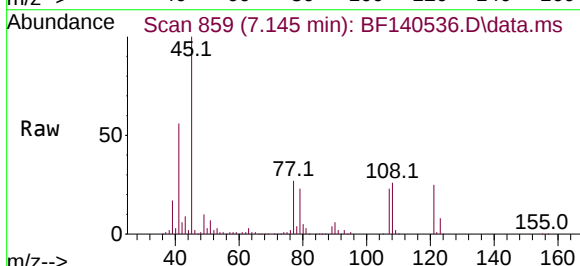
APPROVED

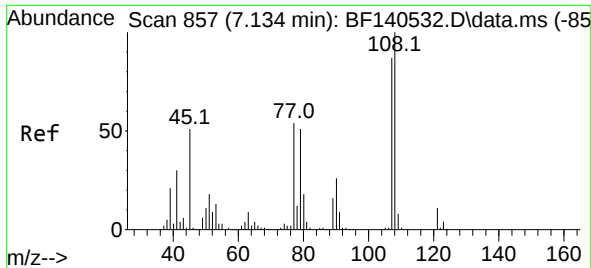
Reviewed By :Yogesh Patel 11/22/2024
Supervised By :mohammad ahmed 11/27/2024



#16
2,2'-oxybis(1-Chloropropane)
Concen: 41.183 ng
RT: 7.145 min Scan# 859
Delta R.T. -0.000 min
Lab File: BF140536.D
Acq: 21 Nov 2024 15:07

Tgt Ion: 45 Resp: 314742
Ion Ratio Lower Upper
45 100
77 26.9 10.7 50.7
79 23.0 7.0 47.0





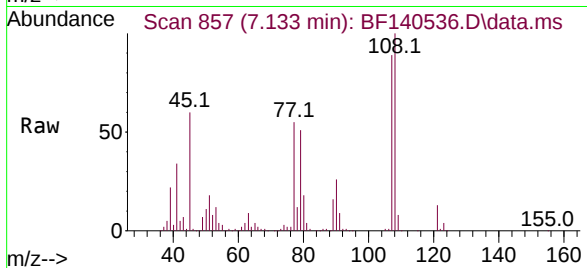
#17
2-Methylphenol
Concen: 41.606 ng
RT: 7.133 min Scan# 857
Delta R.T. -0.000 min
Lab File: BF140536.D
Acq: 21 Nov 2024 15:07

Instrument :

BNA_F

ClientSampleId :

ICVBF112124



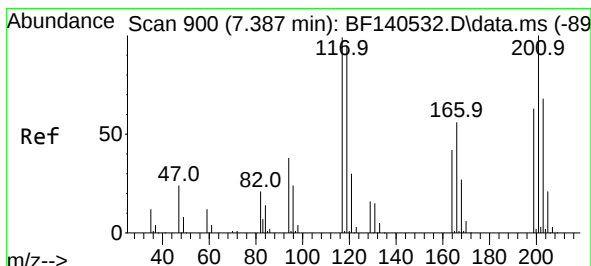
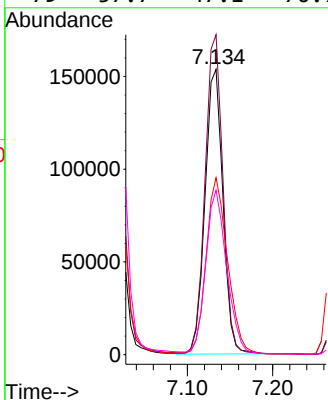
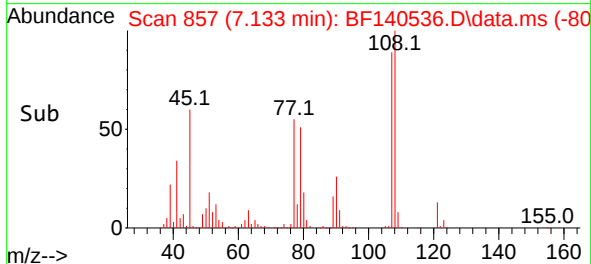
Tgt Ion:107 Resp: 224359
Ion Ratio Lower Upper
107 100
108 112.1 91.7 137.5
77 62.0 49.3 73.9
79 57.7 47.1 70.7

Manual Integrations

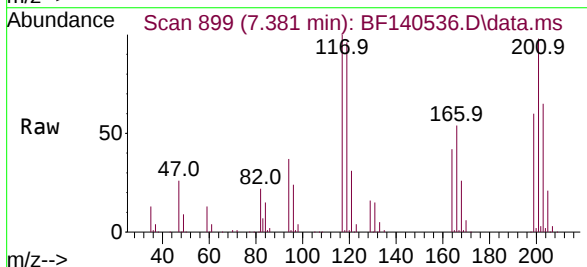
APPROVED

Reviewed By :Yogesh Patel 11/22/2024

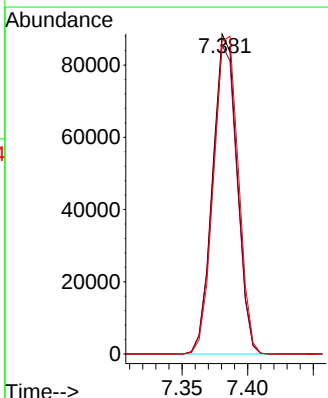
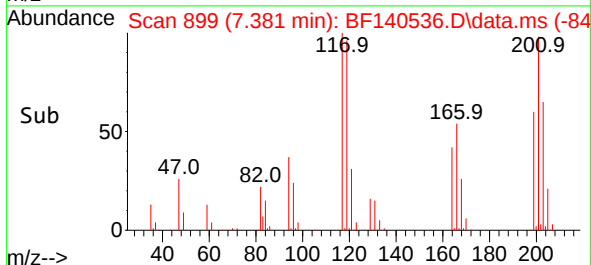
Supervised By :mohammad ahmed 11/27/2024

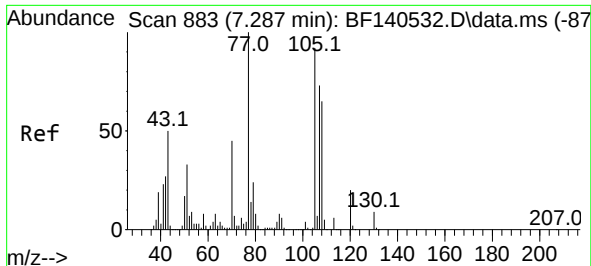


#18
Hexachloroethane
Concen: 40.108 ng
RT: 7.381 min Scan# 899
Delta R.T. -0.006 min
Lab File: BF140536.D
Acq: 21 Nov 2024 15:07



Tgt Ion:117 Resp: 114809
Ion Ratio Lower Upper
117 100
119 96.5 77.1 115.7
201 97.7 81.1 121.7





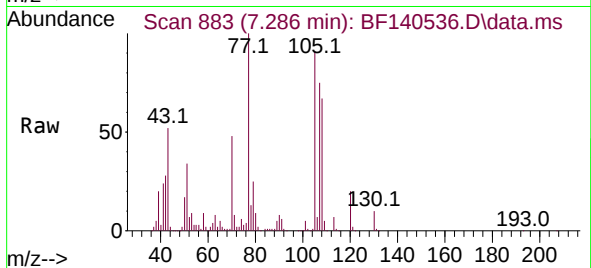
#19
n-Nitroso-di-n-propylamine
Concen: 42.038 ng
RT: 7.286 min Scan# 883
Delta R.T. -0.000 min
Lab File: BF140536.D
Acq: 21 Nov 2024 15:07

Instrument :

BNA_F

ClientSampleId :

ICVBF112124

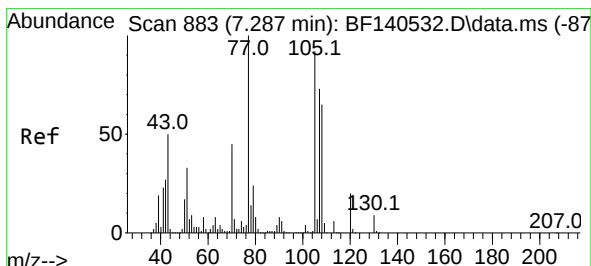
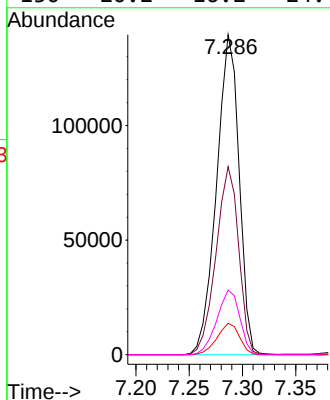
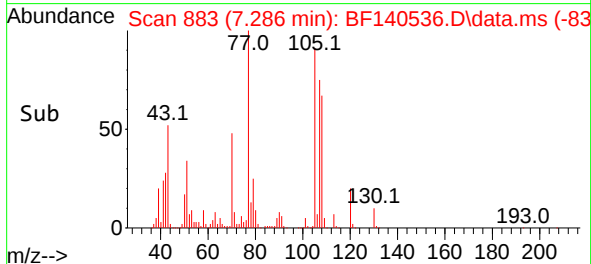


Tgt Ion: 70 Resp: 205658
Ion Ratio Lower Upper
70 100
42 58.8 47.6 71.4
101 9.8 7.6 11.4
130 20.2 16.2 24.4

Manual Integrations

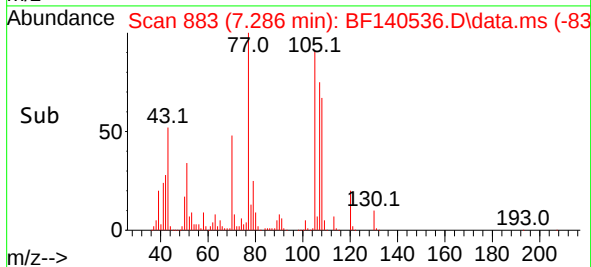
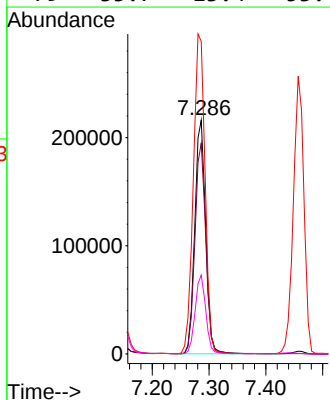
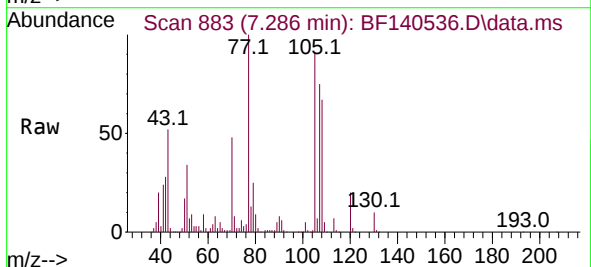
APPROVED

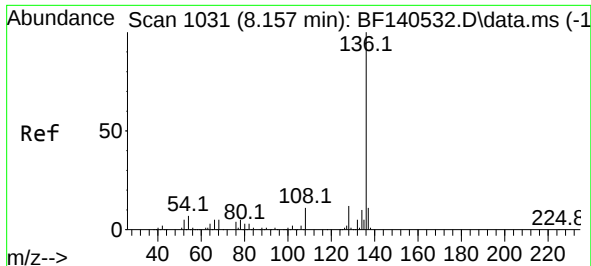
Reviewed By :Yogesh Patel 11/22/2024
Supervised By :mohammad ahmed 11/27/2024



#20
3+4-Methylphenols
Concen: 41.536 ng
RT: 7.286 min Scan# 883
Delta R.T. -0.000 min
Lab File: BF140536.D
Acq: 21 Nov 2024 15:07

Tgt Ion:107 Resp: 287897
Ion Ratio Lower Upper
107 100
108 90.2 69.9 109.9
77 133.8 117.7 157.7
79 33.7 13.4 53.4





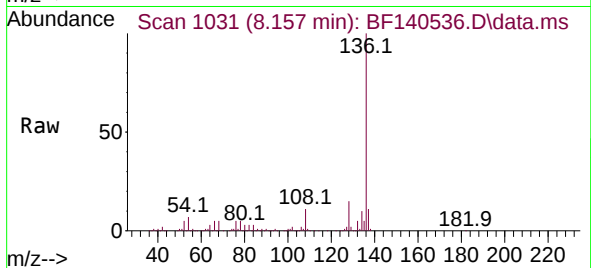
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.157 min Scan# 1031
Delta R.T. -0.000 min
Lab File: BF140536.D
Acq: 21 Nov 2024 15:07

Instrument :

BNA_F

ClientSampleId :

ICVBF112124



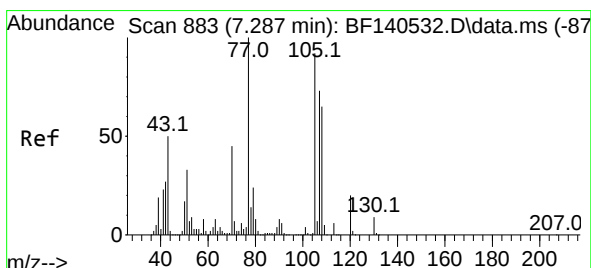
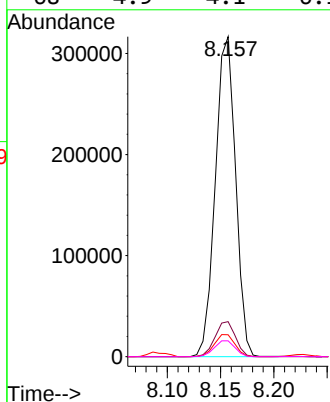
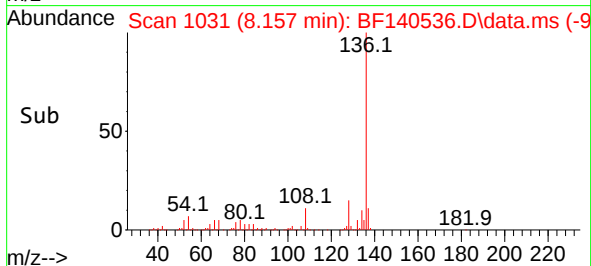
Tgt Ion:136 Resp: 417612
Ion Ratio Lower Upper
136 100
137 10.9 8.6 13.0
54 6.9 5.8 8.8
68 4.9 4.1 6.1

Manual Integrations

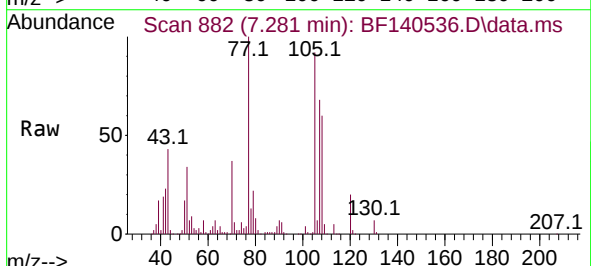
APPROVED

Reviewed By :Yogesh Patel 11/22/2024

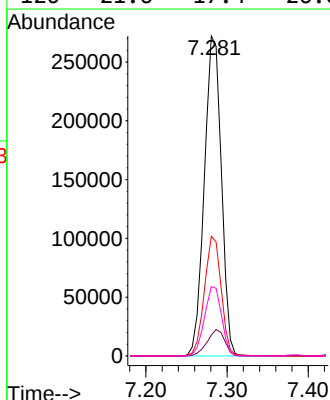
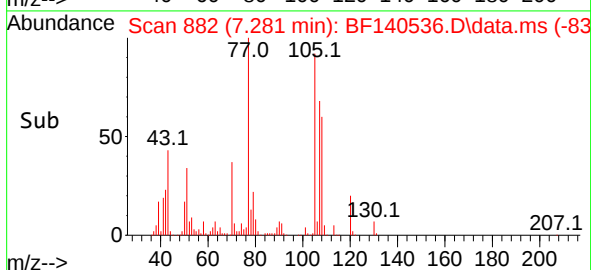
Supervised By :mohammad ahmed 11/27/2024

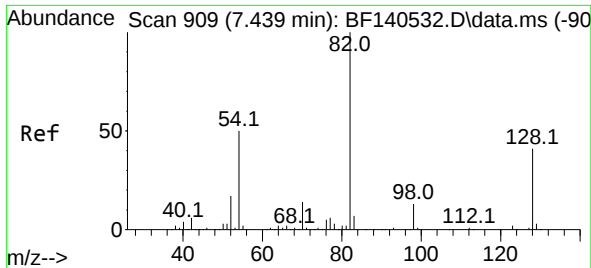


#22
Acetophenone
Concen: 38.963 ng
RT: 7.281 min Scan# 882
Delta R.T. -0.006 min
Lab File: BF140536.D
Acq: 21 Nov 2024 15:07



Tgt Ion:105 Resp: 396692
Ion Ratio Lower Upper
105 100
71 6.5 6.2 9.2
51 37.4 29.0 43.6
120 21.6 17.4 26.0





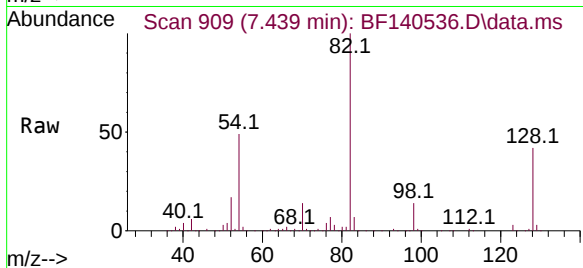
#23
Nitrobenzene-d5
Concen: 78.907 ng
RT: 7.439 min Scan# 909
Delta R.T. -0.000 min
Lab File: BF140536.D
Acq: 21 Nov 2024 15:07

Instrument :

BNA_F

ClientSampleId :

ICVBF112124

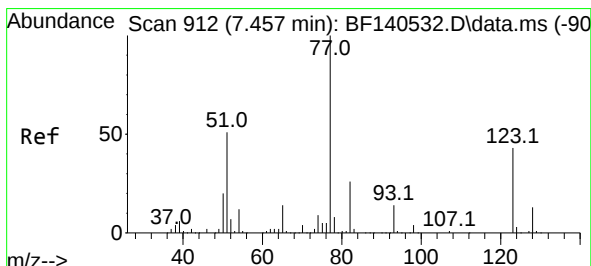
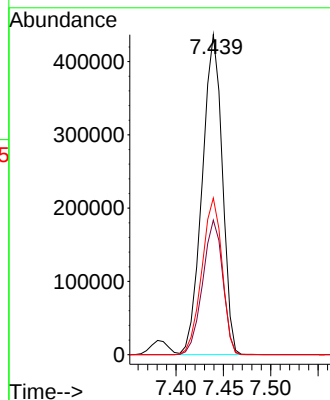
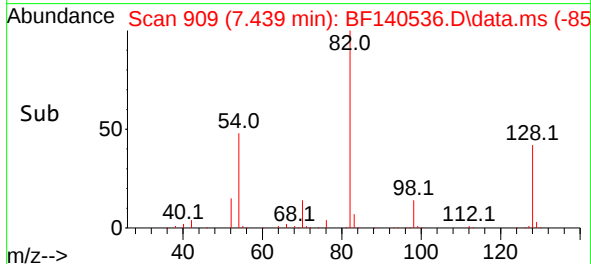


Tgt Ion: 82 Resp: 644220
Ion Ratio Lower Upper
82 100
128 42.1 33.0 49.4
54 49.0 39.5 59.3

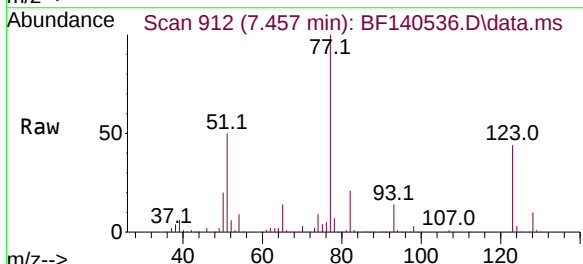
Manual Integrations

APPROVED

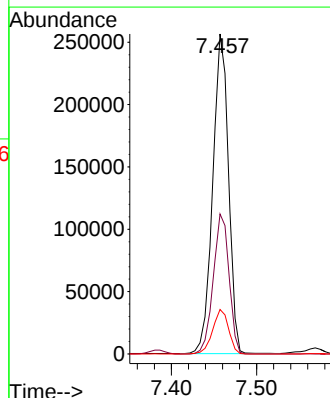
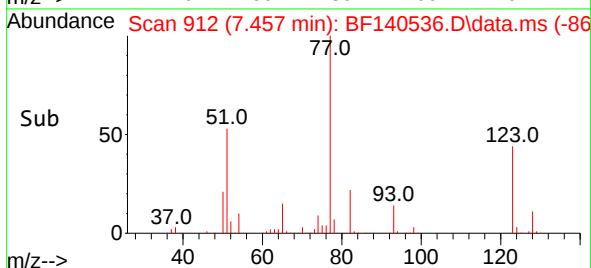
Reviewed By :Yogesh Patel 11/22/2024
Supervised By :mohammad ahmed 11/27/2024

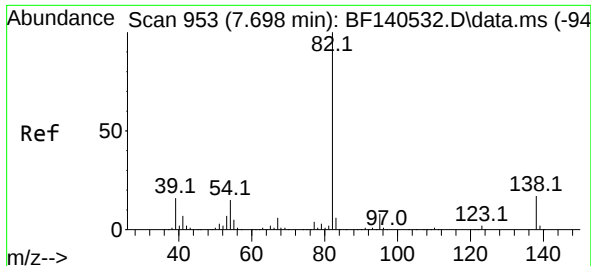


#24
Nitrobenzene
Concen: 39.127 ng
RT: 7.457 min Scan# 912
Delta R.T. -0.000 min
Lab File: BF140536.D
Acq: 21 Nov 2024 15:07



Tgt Ion: 77 Resp: 330161
Ion Ratio Lower Upper
77 100
123 43.8 34.3 51.5
65 13.9 11.2 16.8





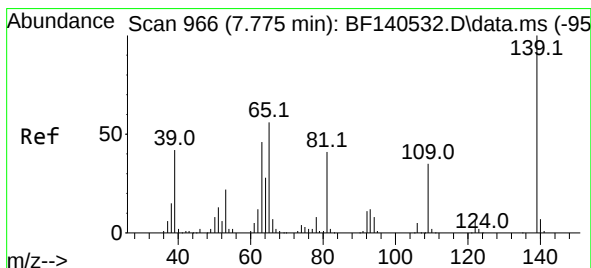
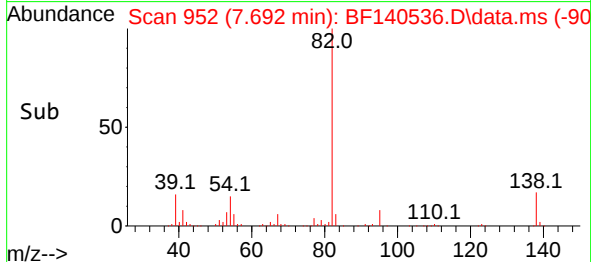
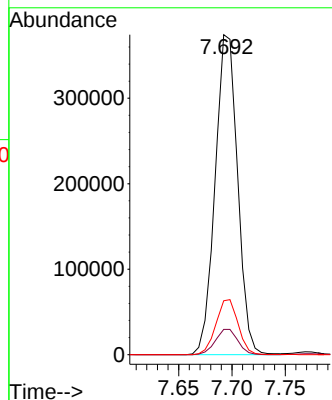
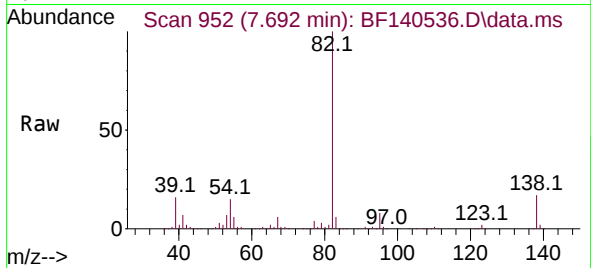
#25
Isophorone
Concen: 40.332 ng
RT: 7.692 min Scan# 91
Delta R.T. -0.006 min
Lab File: BF140536.D
Acq: 21 Nov 2024 15:07

Instrument :
BNA_F
ClientSampleId :
ICVBF112124

Tgt Ion: 82 Resp: 54922
Ion Ratio Lower Upper
82 100
95 7.9 6.4 9.6
138 16.9 13.8 20.6

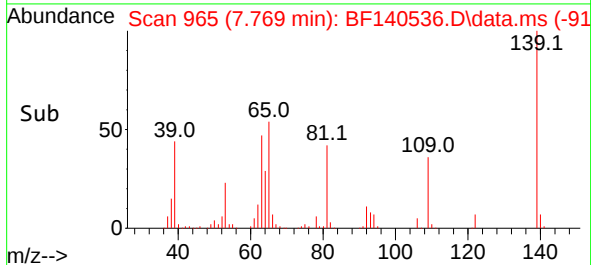
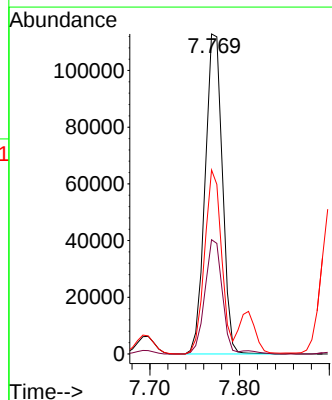
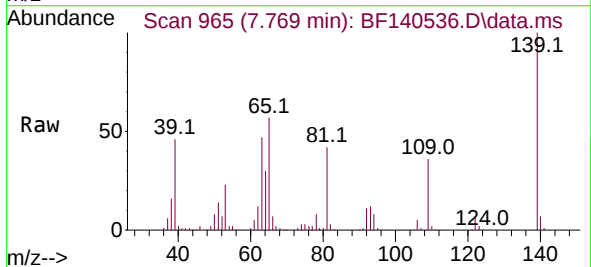
Manual Integrations
APPROVED

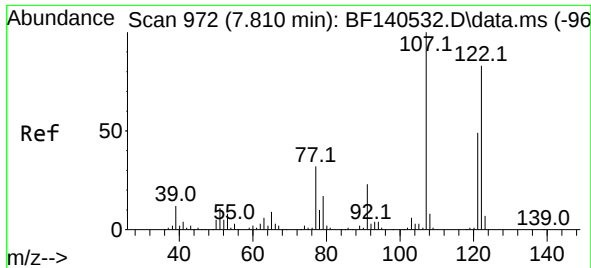
Reviewed By :Yogesh Patel 11/22/2024
Supervised By :mohammad ahmed 11/27/2024



#26
2-Nitrophenol
Concen: 40.372 ng
RT: 7.769 min Scan# 965
Delta R.T. -0.006 min
Lab File: BF140536.D
Acq: 21 Nov 2024 15:07

Tgt Ion:139 Resp: 150969
Ion Ratio Lower Upper
139 100
109 35.7 28.0 42.0
65 57.5 44.6 67.0





#27
2,4-Dimethylphenol
Concen: 39.568 ng
RT: 7.810 min Scan# 91
Delta R.T. -0.000 min
Lab File: BF140536.D
Acq: 21 Nov 2024 15:07

Instrument :

BNA_F

ClientSampleId :

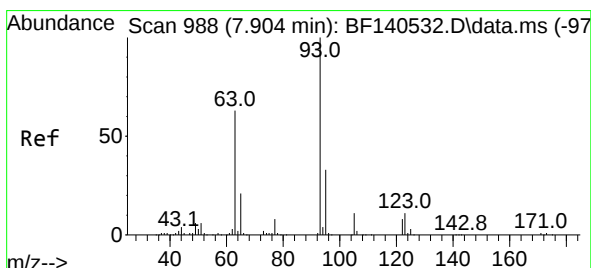
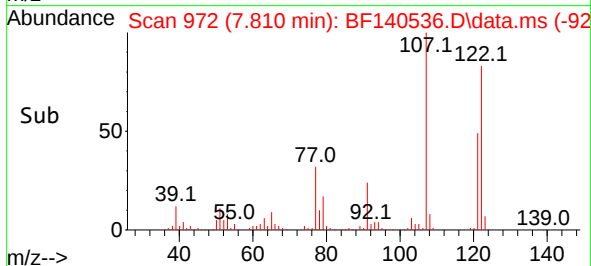
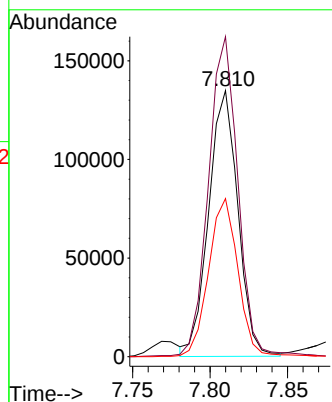
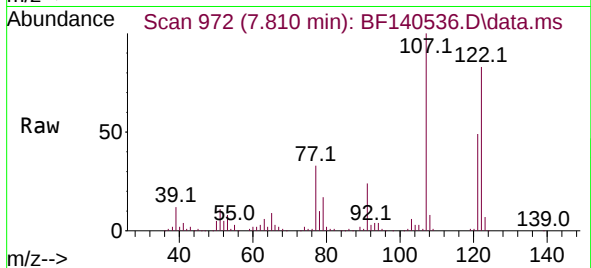
ICVBF112124

Tgt Ion:122 Resp: 17703
Ion Ratio Lower Upper
122 100
107 120.3 96.8 145.2
121 59.4 47.4 71.0

Manual Integrations

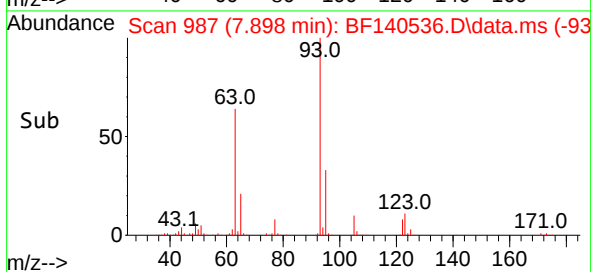
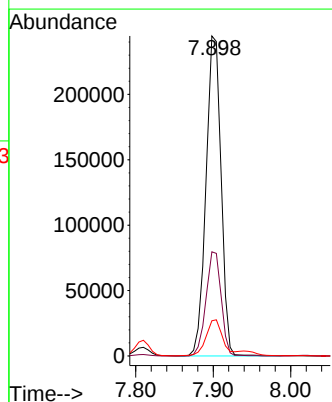
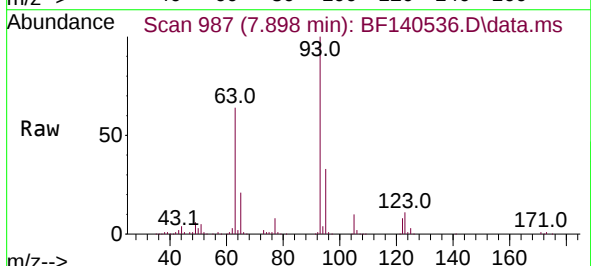
APPROVED

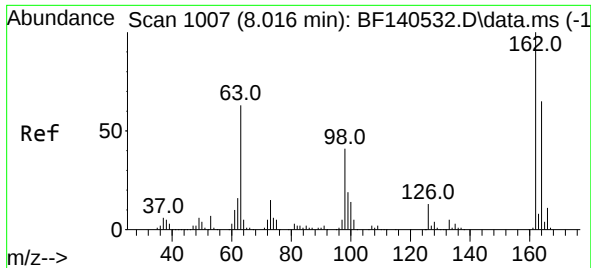
Reviewed By :Yogesh Patel 11/22/2024
Supervised By :mohammad ahmed 11/27/2024



#28
bis(2-Chloroethoxy)methane
Concen: 39.938 ng
RT: 7.898 min Scan# 987
Delta R.T. -0.006 min
Lab File: BF140536.D
Acq: 21 Nov 2024 15:07

Tgt Ion: 93 Resp: 331321
Ion Ratio Lower Upper
93 100
95 32.5 26.1 39.1
123 11.0 9.1 13.7





#29

2,4-Dichlorophenol

Concen: 39.952 ng

RT: 8.016 min Scan# 1007

Delta R.T. -0.000 min

Lab File: BF140536.D

Acq: 21 Nov 2024 15:07

Instrument :

BNA_F

ClientSampleId :

ICVBF112124

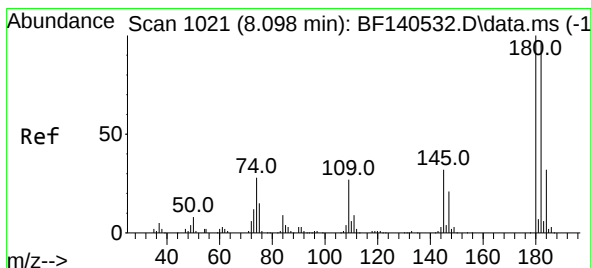
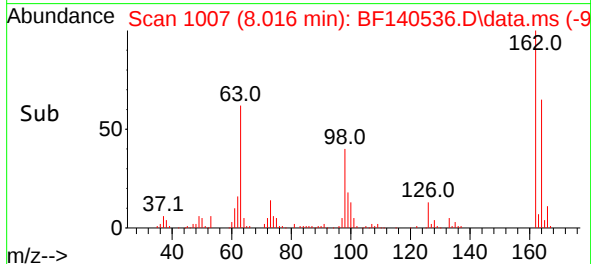
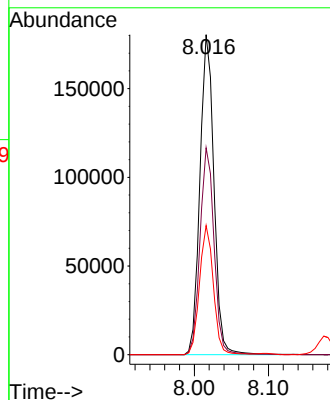
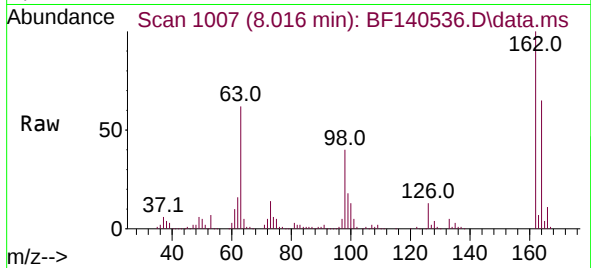
Tgt Ion:162	Resp: 23685
Ion Ratio	Lower Upper
162 100	
164 64.6	44.8 84.8
98 40.3	21.2 61.2

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 11/22/2024

Supervised By :mohammad ahmed 11/27/2024



#30

1,2,4-Trichlorobenzene

Concen: 38.901 ng

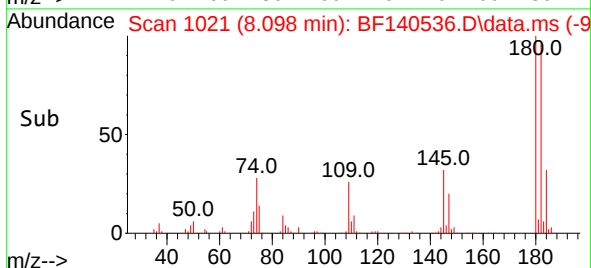
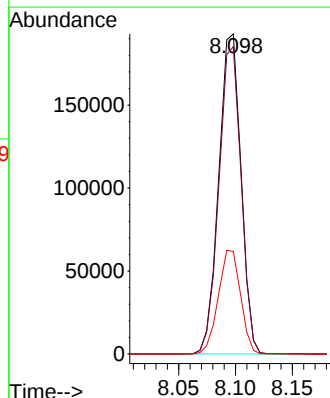
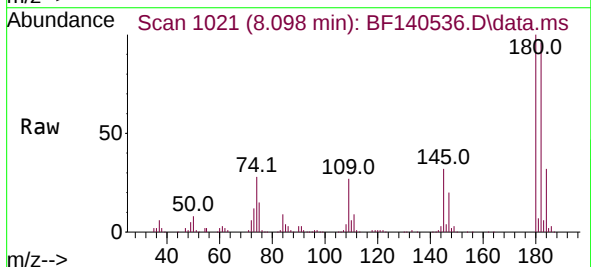
RT: 8.098 min Scan# 1021

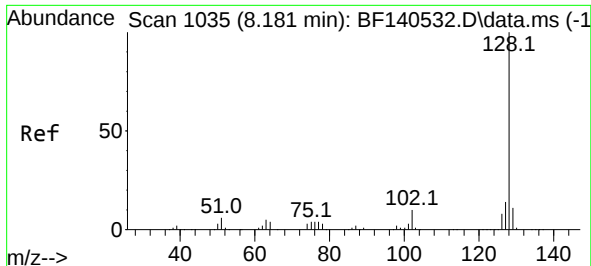
Delta R.T. -0.000 min

Lab File: BF140536.D

Acq: 21 Nov 2024 15:07

Tgt Ion:180	Resp: 263327
Ion Ratio	Lower Upper
180 100	
182 96.0	76.4 114.6
145 32.1	25.9 38.9





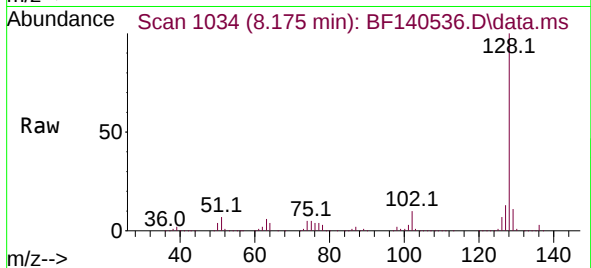
#31
Naphthalene
Concen: 39.152 ng
RT: 8.175 min Scan# 1034
Delta R.T. -0.006 min
Lab File: BF140536.D
Acq: 21 Nov 2024 15:07

Instrument :

BNA_F

ClientSampleId :

ICVBF112124



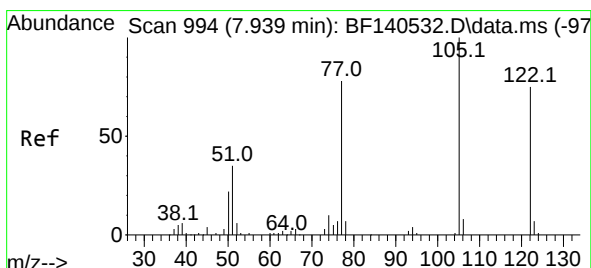
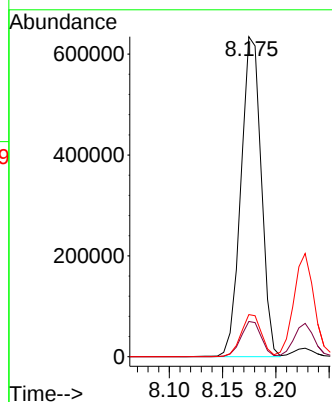
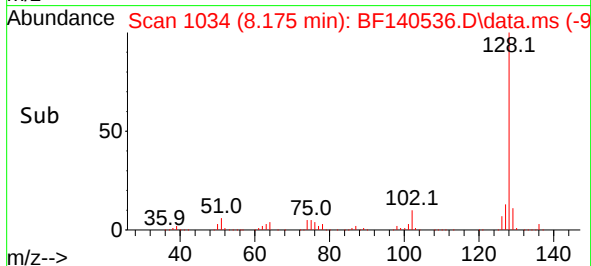
Tgt Ion:128 Resp: 84218
Ion Ratio Lower Upper
128 100
129 11.0 8.6 13.0
127 13.2 10.8 16.2

Manual Integrations

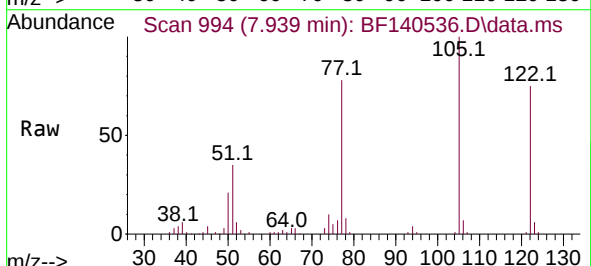
APPROVED

Reviewed By :Yogesh Patel 11/22/2024

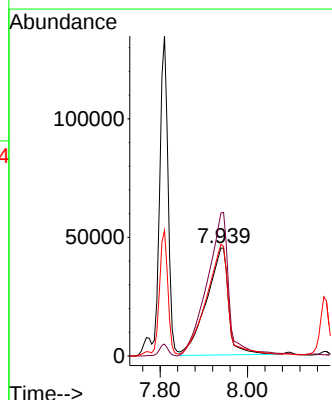
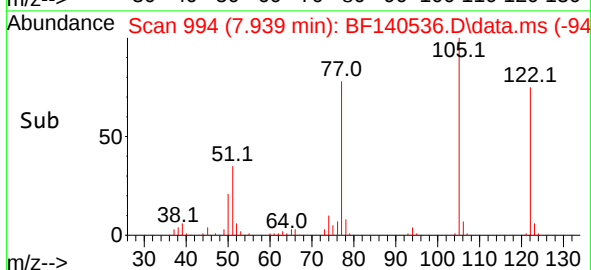
Supervised By :mohammad ahmed 11/27/2024

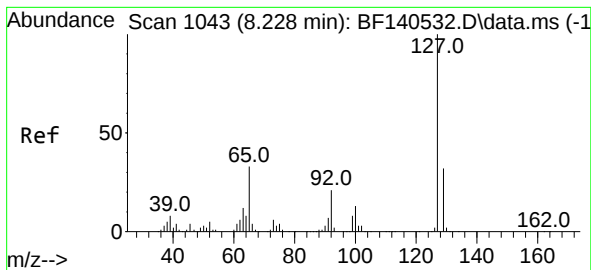


#32
Benzoic acid
Concen: 41.429 ng
RT: 7.939 min Scan# 994
Delta R.T. 0.000 min
Lab File: BF140536.D
Acq: 21 Nov 2024 15:07



Tgt Ion:122 Resp: 156794
Ion Ratio Lower Upper
122 100
105 132.5 109.3 149.3
77 103.2 82.3 122.3





#33
4-Chloroaniline
Concen: 43.551 ng
RT: 8.228 min Scan# 1043
Delta R.T. -0.000 min
Lab File: BF140536.D
Acq: 21 Nov 2024 15:07

Instrument :

BNA_F

ClientSampleId :

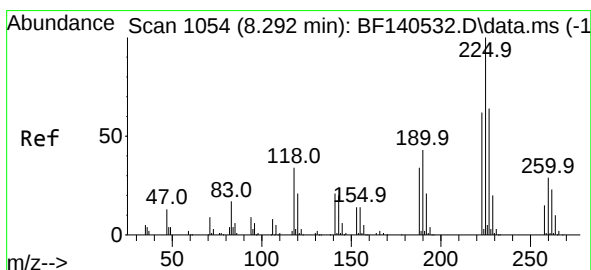
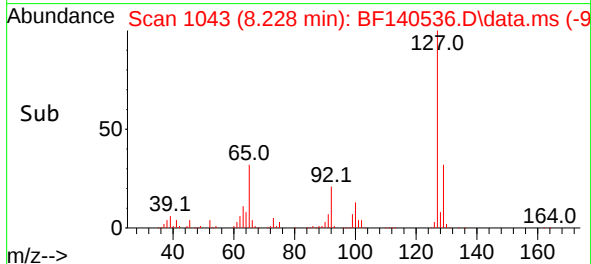
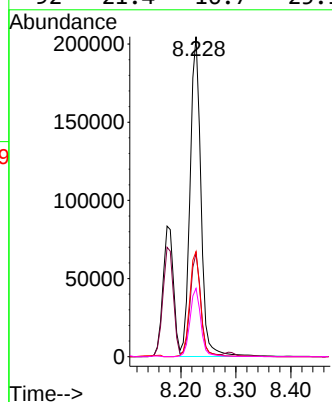
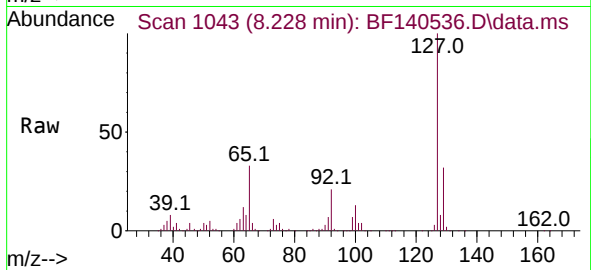
ICVBF112124

Tgt Ion:127 Resp: 28048
Ion Ratio Lower Upper
127 100
129 32.3 26.0 39.0
65 32.9 26.0 39.0
92 21.4 16.7 25.1

Manual Integrations

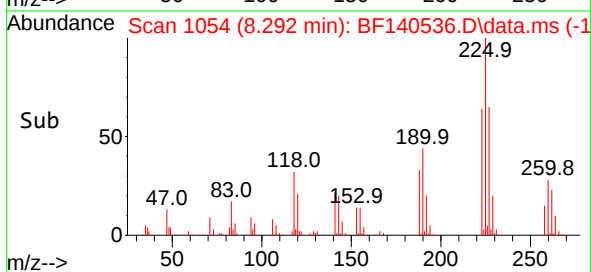
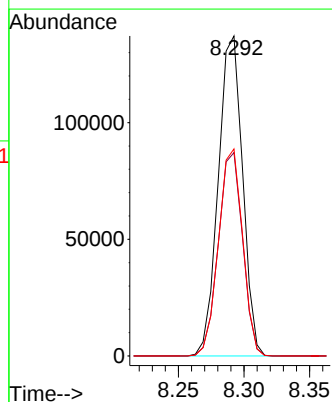
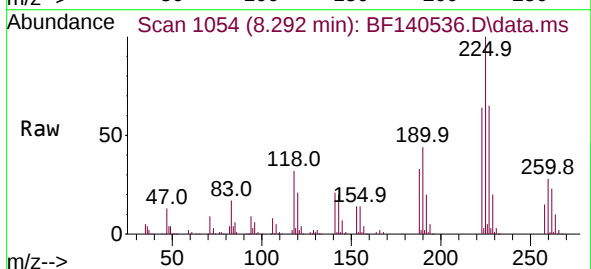
APPROVED

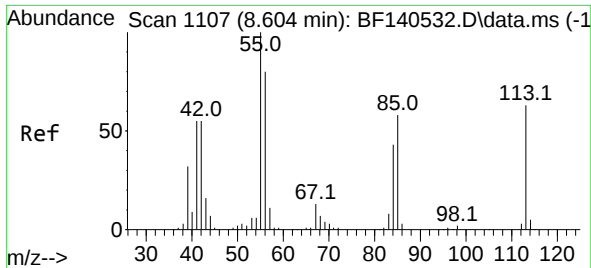
Reviewed By :Yogesh Patel 11/22/2024
Supervised By :mohammad ahmed 11/27/2024



#34
Hexachlorobutadiene
Concen: 39.406 ng
RT: 8.292 min Scan# 1054
Delta R.T. -0.000 min
Lab File: BF140536.D
Acq: 21 Nov 2024 15:07

Tgt Ion:225 Resp: 176676
Ion Ratio Lower Upper
225 100
223 63.5 49.8 74.8
227 64.7 51.3 76.9





#35
Caprolactam
Concen: 40.381 ng
RT: 8.604 min Scan# 1107
Delta R.T. -0.000 min
Lab File: BF140536.D
Acq: 21 Nov 2024 15:07

Instrument :

BNA_F

ClientSampleId :

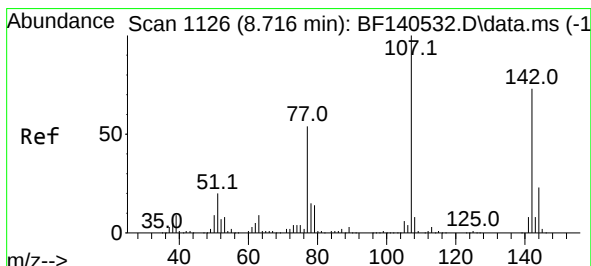
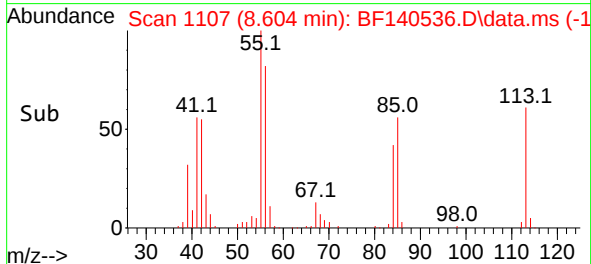
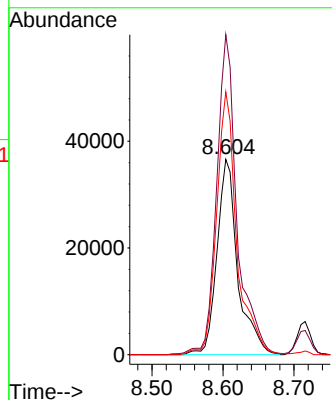
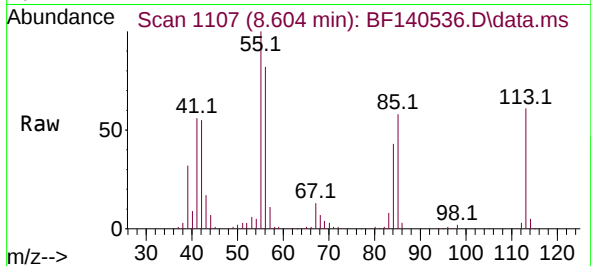
ICVBF112124

Tgt Ion:113 Resp: 74088
Ion Ratio Lower Upper
113 100
55 163.7 137.7 177.7
56 134.5 106.4 146.4

Manual Integrations

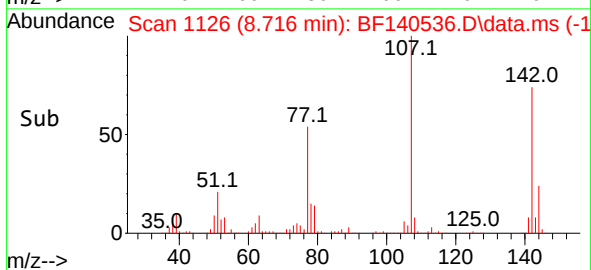
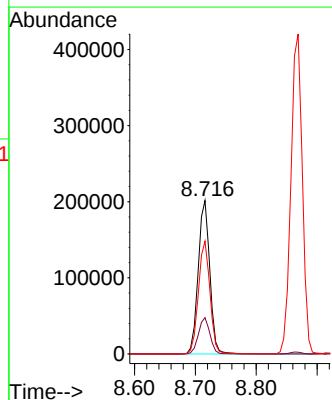
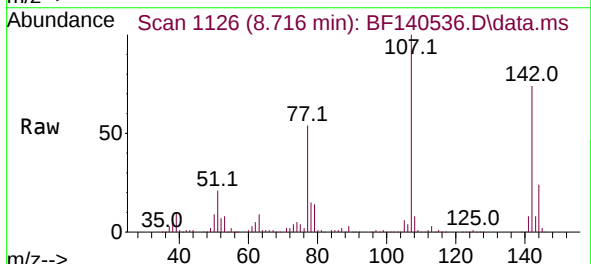
APPROVED

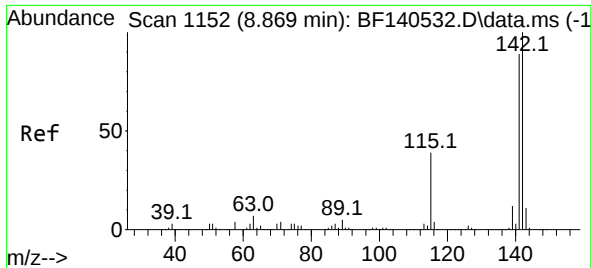
Reviewed By :Yogesh Patel 11/22/2024
Supervised By :mohammad ahmed 11/27/2024



#36
4-Chloro-3-methylphenol
Concen: 40.203 ng
RT: 8.716 min Scan# 1126
Delta R.T. -0.000 min
Lab File: BF140536.D
Acq: 21 Nov 2024 15:07

Tgt Ion:107 Resp: 266862
Ion Ratio Lower Upper
107 100
144 23.7 18.7 28.1
142 73.5 58.3 87.5





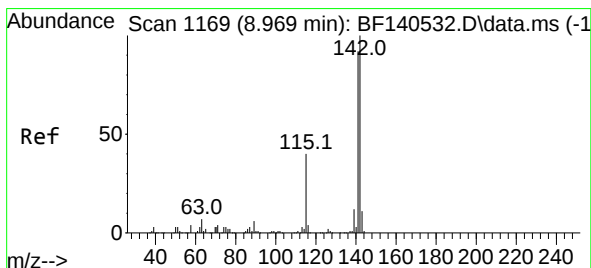
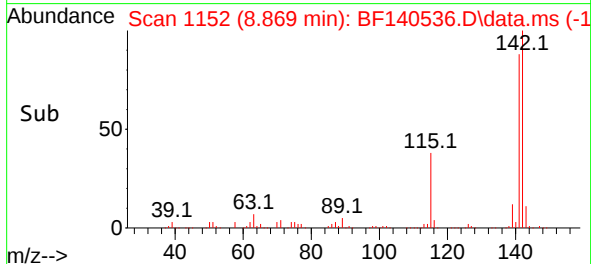
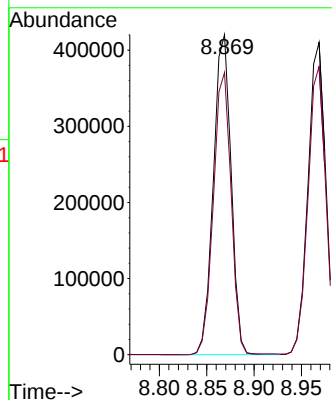
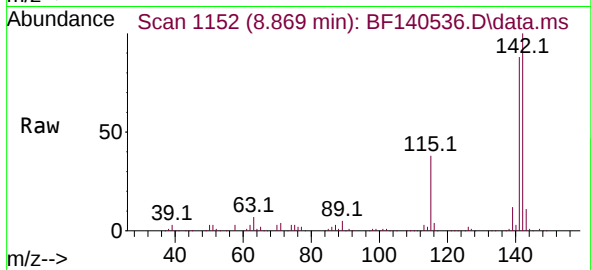
#37
2-Methylnaphthalene
Concen: 39.987 ng
RT: 8.869 min Scan# 1152
Delta R.T. -0.000 min
Lab File: BF140536.D
Acq: 21 Nov 2024 15:07

Instrument :
BNA_F
ClientSampleId :
ICVBF112124

Tgt Ion:142 Resp: 54633
Ion Ratio Lower Upper
142 100
141 88.2 71.0 106.6

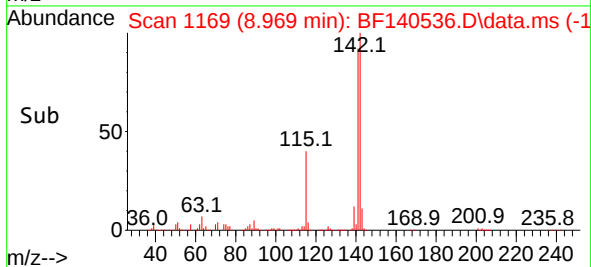
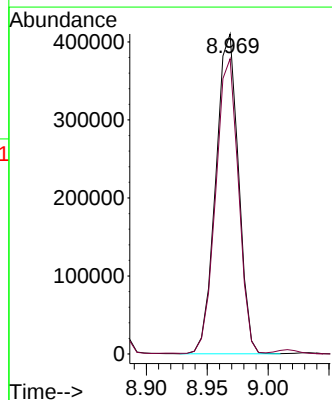
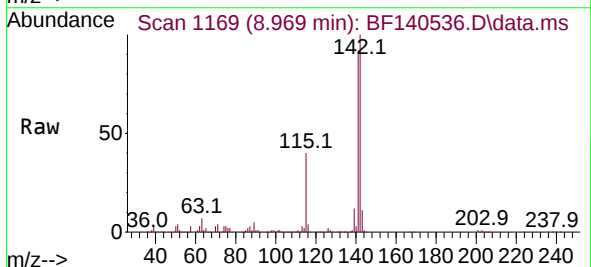
Manual Integrations
APPROVED

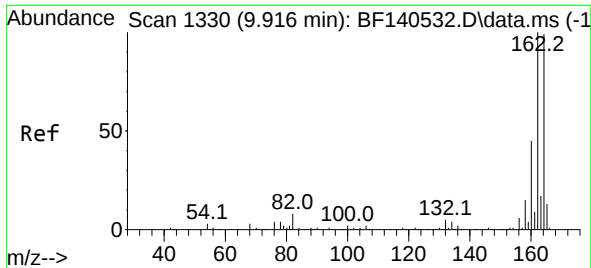
Reviewed By :Yogesh Patel 11/22/2024
Supervised By :mohammad ahmed 11/27/2024



#38
1-Methylnaphthalene
Concen: 39.688 ng
RT: 8.969 min Scan# 1169
Delta R.T. -0.000 min
Lab File: BF140536.D
Acq: 21 Nov 2024 15:07

Tgt Ion:142 Resp: 531502
Ion Ratio Lower Upper
142 100
141 92.3 73.3 109.9





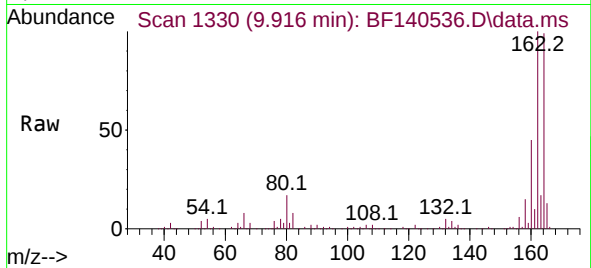
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.916 min Scan# 1180
Delta R.T. -0.000 min
Lab File: BF140536.D
Acq: 21 Nov 2024 15:07

Instrument :

BNA_F

ClientSampleId :

ICVBF112124



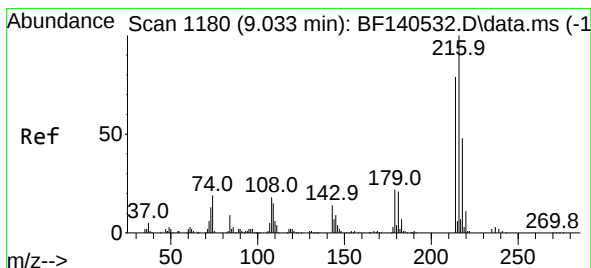
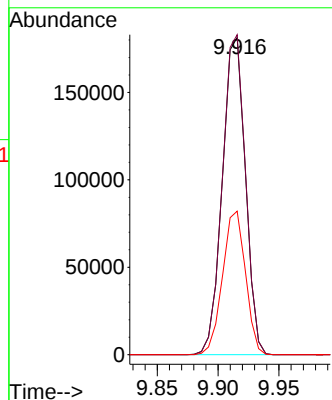
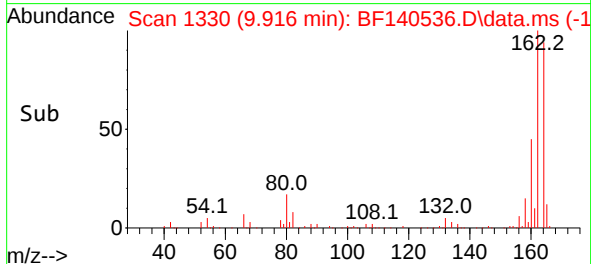
Tgt Ion:164 Resp: 239418
Ion Ratio Lower Upper
164 100
162 100.9 80.6 120.8
160 45.3 36.2 54.4

Manual Integrations

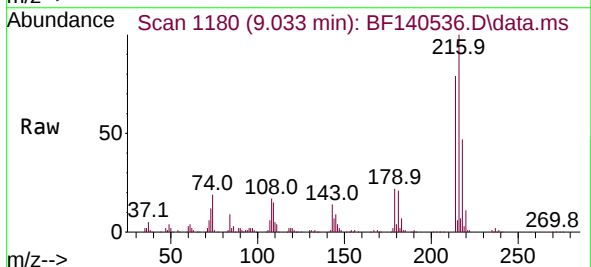
APPROVED

Reviewed By :Yogesh Patel 11/22/2024

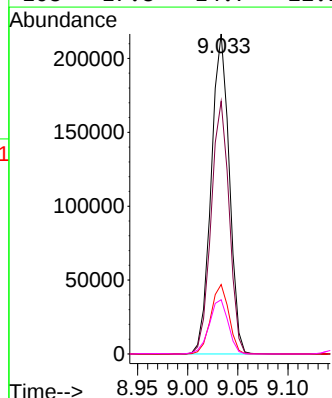
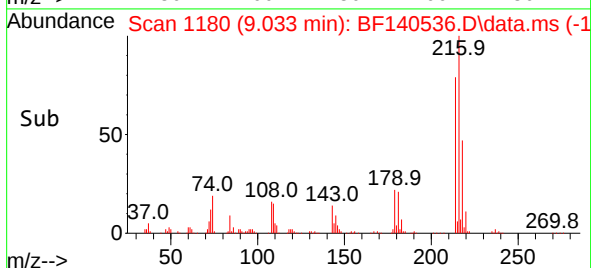
Supervised By :mohammad ahmed 11/27/2024

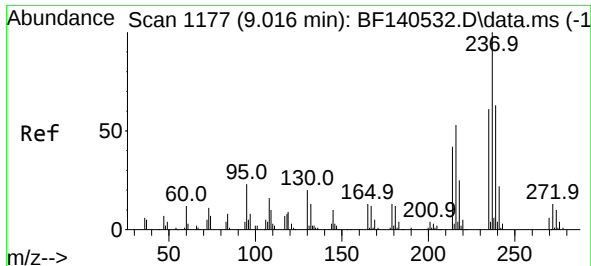


#40
1,2,4,5-Tetrachlorobenzene
Concen: 38.824 ng
RT: 9.033 min Scan# 1180
Delta R.T. -0.000 min
Lab File: BF140536.D
Acq: 21 Nov 2024 15:07



Tgt Ion:216 Resp: 272114
Ion Ratio Lower Upper
216 100
214 78.5 63.0 94.4
179 21.6 17.5 26.3
108 17.8 14.7 22.1





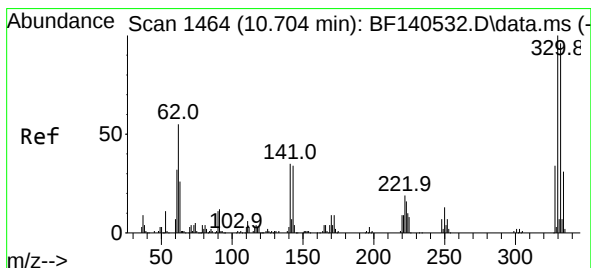
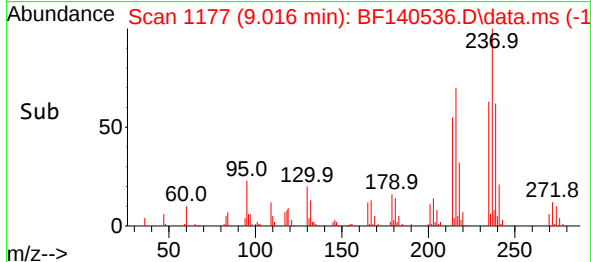
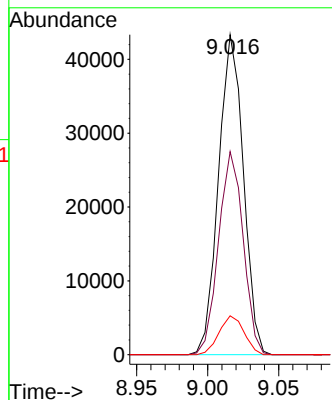
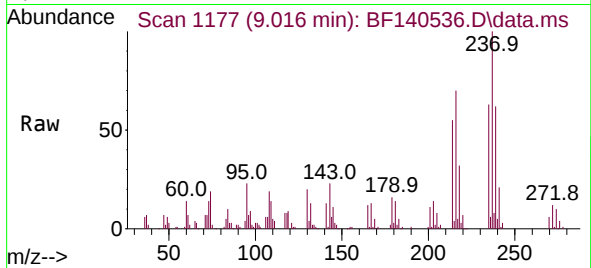
#41
Hexachlorocyclopentadiene
Concen: 37.711 ng
RT: 9.016 min Scan# 1177
Delta R.T. -0.000 min
Lab File: BF140536.D
Acq: 21 Nov 2024 15:07

Instrument :
BNA_F
ClientSampleId :
ICVBF112124

Tgt Ion:237 Resp: 52730
Ion Ratio Lower Upper
237 100
235 63.4 41.1 81.1
272 12.2 0.0 32.6

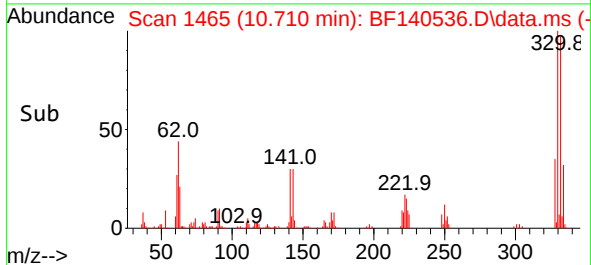
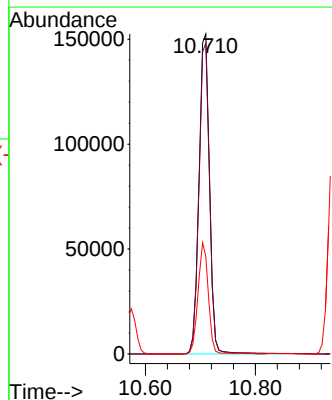
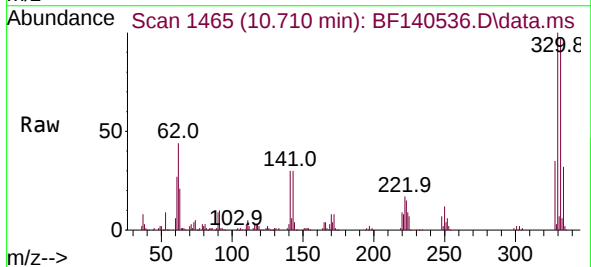
Manual Integrations
APPROVED

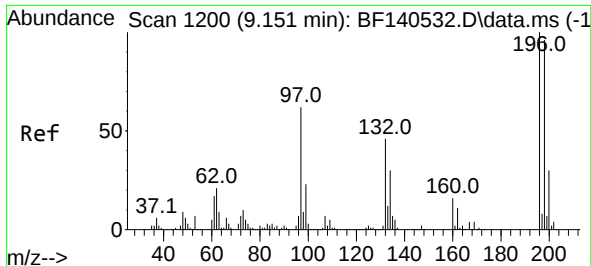
Reviewed By :Yogesh Patel 11/22/2024
Supervised By :mohammad ahmed 11/27/2024



#42
2,4,6-Tribromophenol
Concen: 79.677 ng
RT: 10.710 min Scan# 1465
Delta R.T. 0.006 min
Lab File: BF140536.D
Acq: 21 Nov 2024 15:07

Tgt Ion:330 Resp: 204020
Ion Ratio Lower Upper
330 100
332 97.1 76.9 115.3
141 33.7 26.7 40.1





#43

2,4,6-Trichlorophenol

Concen: 39.390 ng

RT: 9.151 min Scan# 1200

Delta R.T. -0.000 min

Lab File: BF140536.D

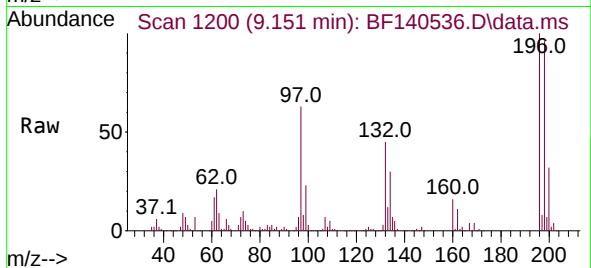
Acq: 21 Nov 2024 15:07

Instrument :

BNA_F

ClientSampleId :

ICVBF112124



Tgt Ion:196 Resp: 173239

Ion Ratio Lower Upper

196 100

198 95.9 76.8 115.2

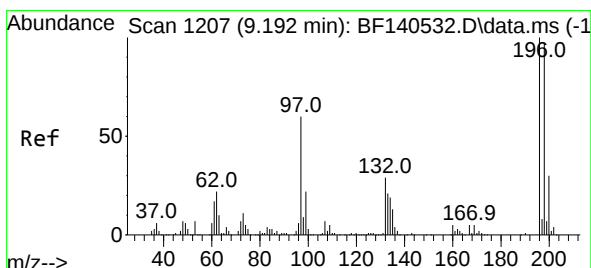
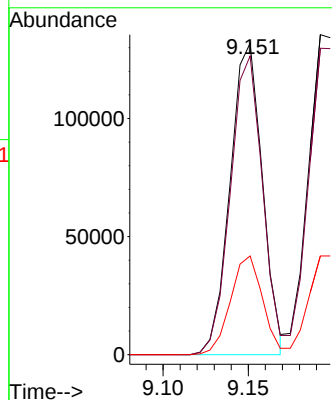
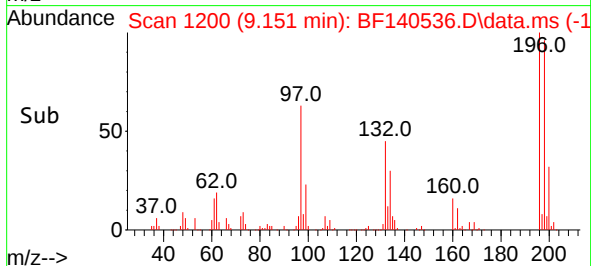
200 31.7 24.3 36.5

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 11/22/2024

Supervised By :mohammad ahmed 11/27/2024



#44

2,4,5-Trichlorophenol

Concen: 40.302 ng

RT: 9.192 min Scan# 1207

Delta R.T. -0.000 min

Lab File: BF140536.D

Acq: 21 Nov 2024 15:07

Tgt Ion:196 Resp: 192368

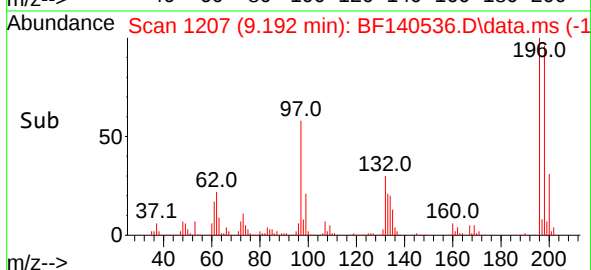
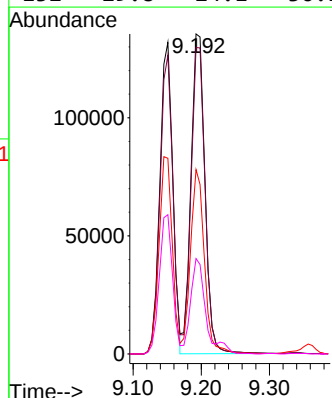
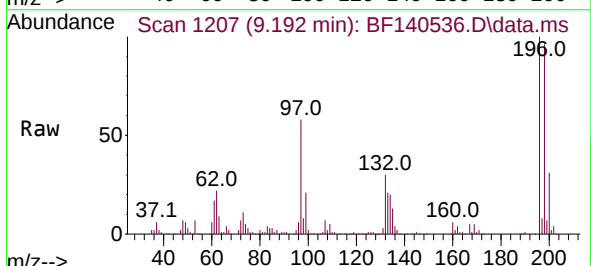
Ion Ratio Lower Upper

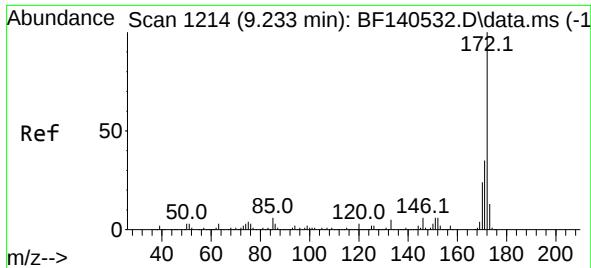
196 100

198 95.7 77.2 115.8

97 57.6 47.1 70.7

132 29.8 24.1 36.1





#45
2-Fluorobiphenyl
Concen: 76.390 ng
RT: 9.227 min Scan# 1213
Delta R.T. -0.006 min
Lab File: BF140536.D
Acq: 21 Nov 2024 15:07

Instrument :

BNA_F

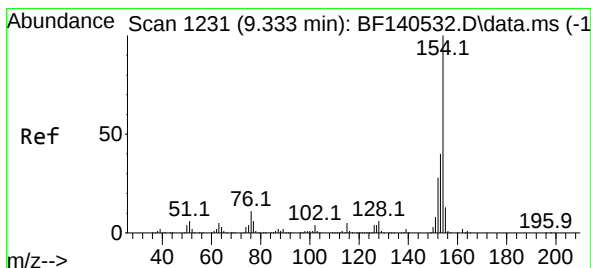
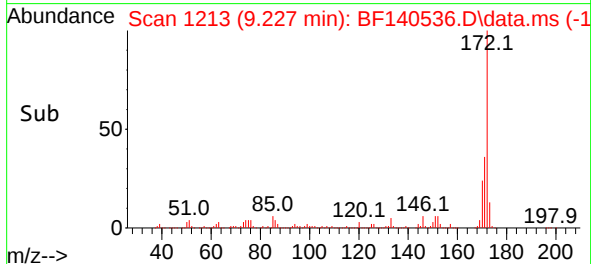
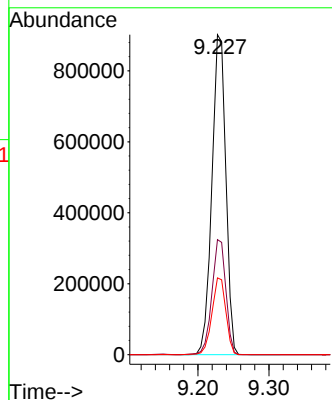
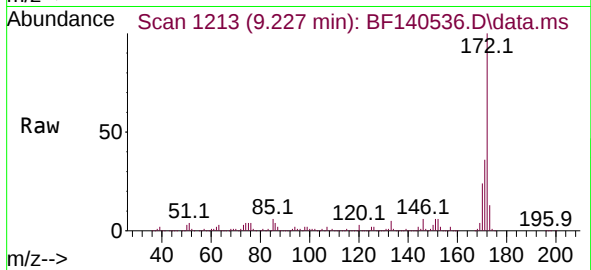
ClientSampleId :

ICVBF112124

Tgt Ion:172 Resp: 122750
Ion Ratio Lower Upper
172 100
171 35.9 28.4 42.6
170 24.0 19.0 28.6

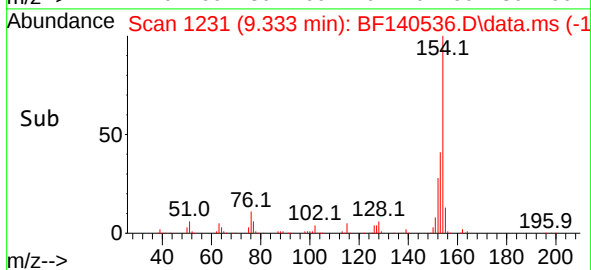
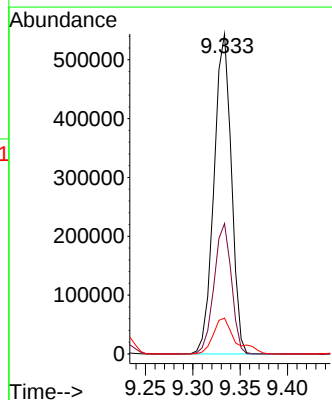
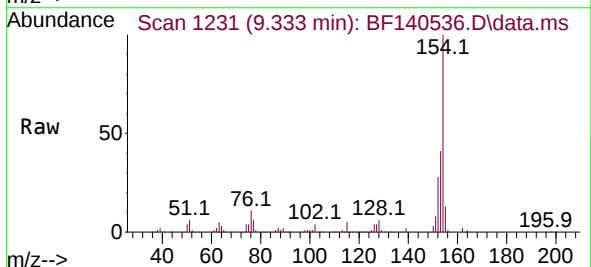
Manual Integrations
APPROVED

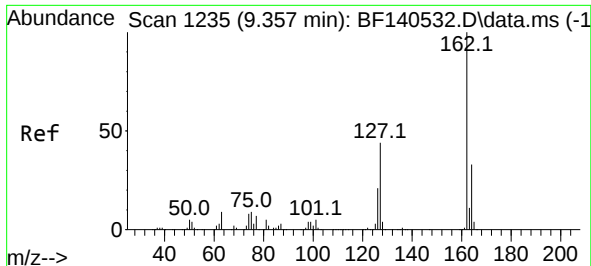
Reviewed By :Yogesh Patel 11/22/2024
Supervised By :mohammad ahmed 11/27/2024



#46
1,1'-Biphenyl
Concen: 38.769 ng
RT: 9.333 min Scan# 1231
Delta R.T. -0.000 min
Lab File: BF140536.D
Acq: 21 Nov 2024 15:07

Tgt Ion:154 Resp: 693007
Ion Ratio Lower Upper
154 100
153 40.8 20.4 60.4
76 11.2 0.0 31.2





#47

2-Chloronaphthalene

Concen: 39.197 ng

RT: 9.357 min Scan# 1235

Delta R.T. -0.000 min

Lab File: BF140536.D

Acq: 21 Nov 2024 15:07

Instrument :

BNA_F

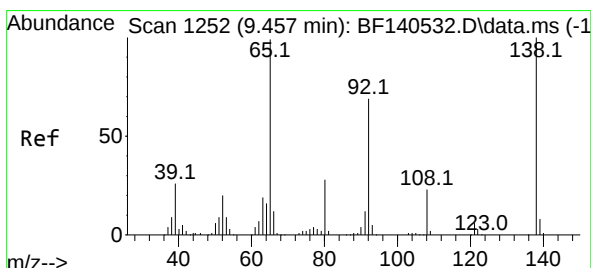
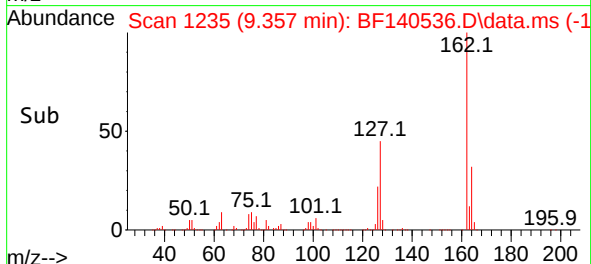
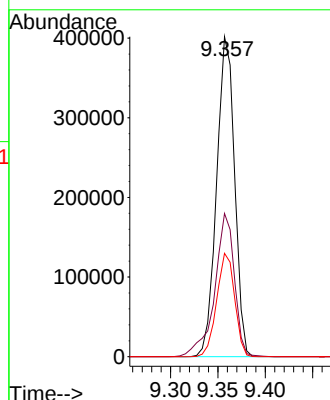
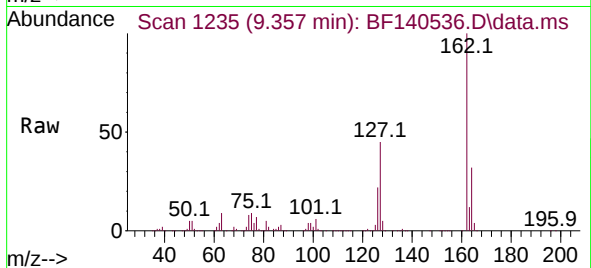
ClientSampleId :

ICVBF112124

Tgt Ion:162 Resp: 53089
 Ion Ratio Lower Upper
 162 100
 127 44.8 35.7 53.5
 164 32.3 26.1 39.1

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 11/22/2024
 Supervised By :mohammad ahmed 11/27/2024



#48

2-Nitroaniline

Concen: 40.037 ng

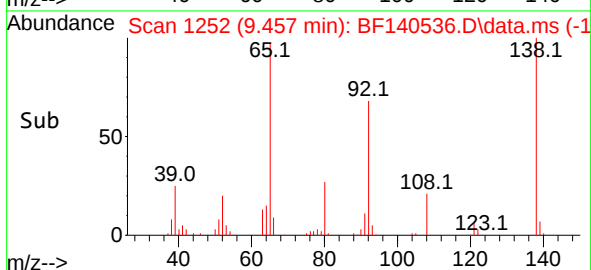
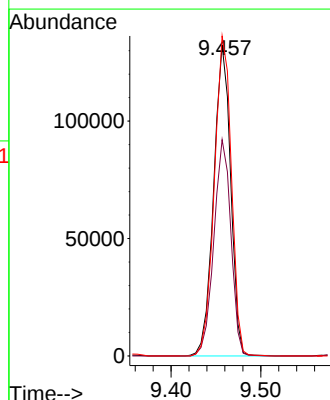
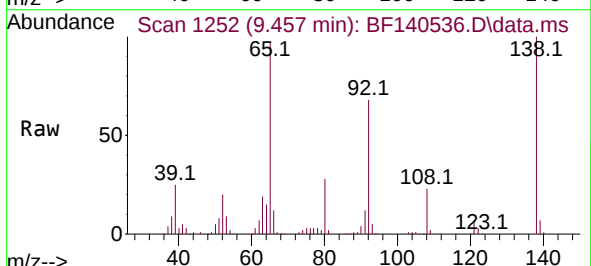
RT: 9.457 min Scan# 1252

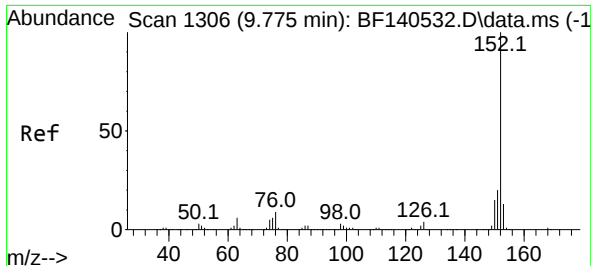
Delta R.T. -0.000 min

Lab File: BF140536.D

Acq: 21 Nov 2024 15:07

Tgt Ion: 65 Resp: 174060
 Ion Ratio Lower Upper
 65 100
 92 69.5 56.1 84.1
 138 102.8 81.0 121.6





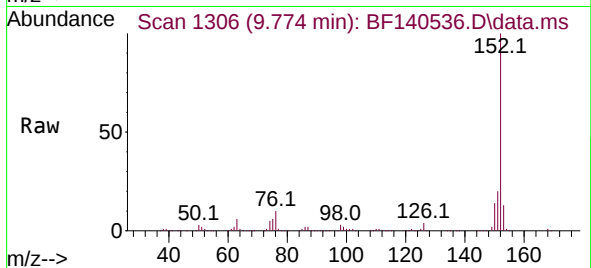
#49
Acenaphthylene
Concen: 38.850 ng
RT: 9.774 min Scan# 11
Delta R.T. -0.000 min
Lab File: BF140536.D
Acq: 21 Nov 2024 15:07

Instrument :

BNA_F

ClientSampleId :

ICVBF112124



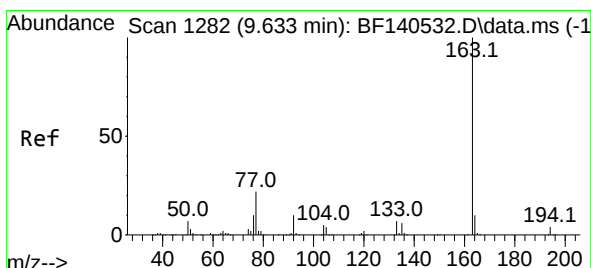
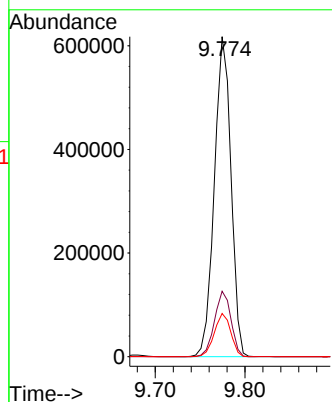
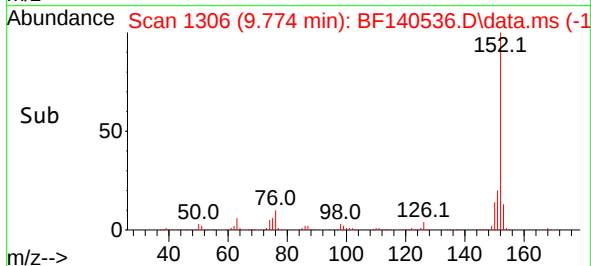
Tgt Ion:152 Resp: 79506
Ion Ratio Lower Upper
152 100
151 20.4 15.9 23.9
153 13.5 10.6 16.0

Manual Integrations

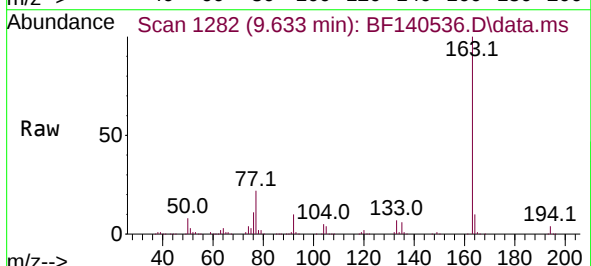
APPROVED

Reviewed By :Yogesh Patel 11/22/2024

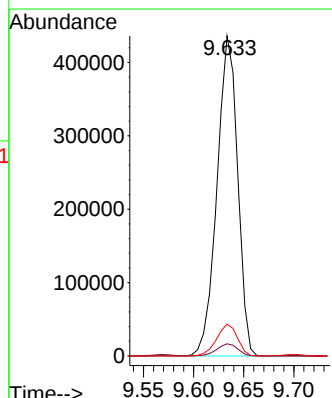
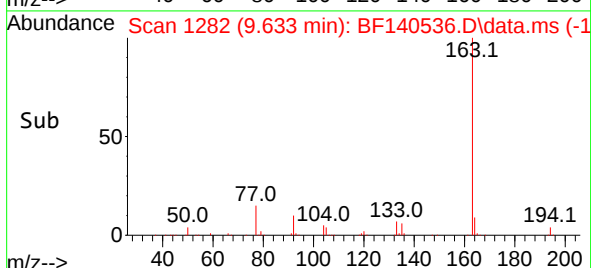
Supervised By :mohammad ahmed 11/27/2024

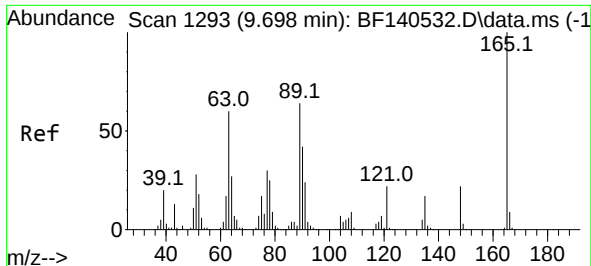


#50
Dimethylphthalate
Concen: 39.591 ng
RT: 9.633 min Scan# 1282
Delta R.T. -0.000 min
Lab File: BF140536.D
Acq: 21 Nov 2024 15:07



Tgt Ion:163 Resp: 624268
Ion Ratio Lower Upper
163 100
194 3.8 3.1 4.7
164 9.9 8.2 12.2





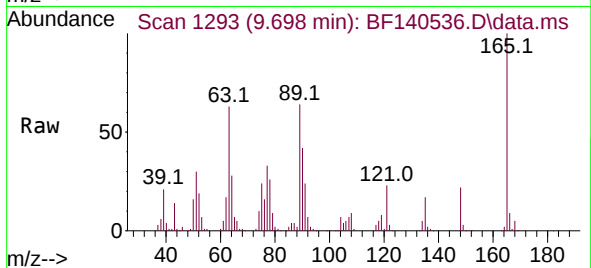
#51
2,6-Dinitrotoluene
Concen: 39.356 ng
RT: 9.698 min Scan# 1293
Delta R.T. -0.000 min
Lab File: BF140536.D
Acq: 21 Nov 2024 15:07

Instrument :

BNA_F

ClientSampleId :

ICVBF112124

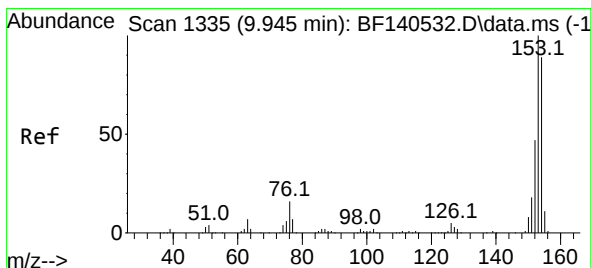
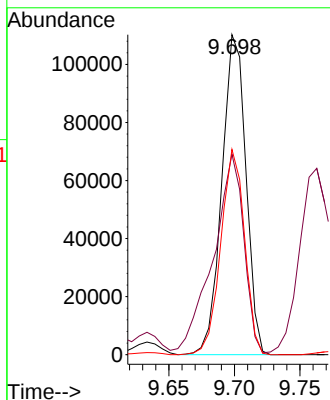
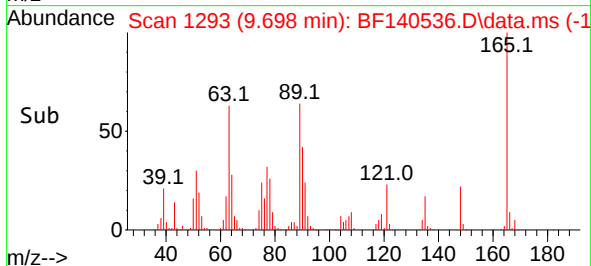


Tgt Ion:165 Resp: 140739
Ion Ratio Lower Upper
165 100
63 62.6 49.9 74.9
89 64.1 50.9 76.3

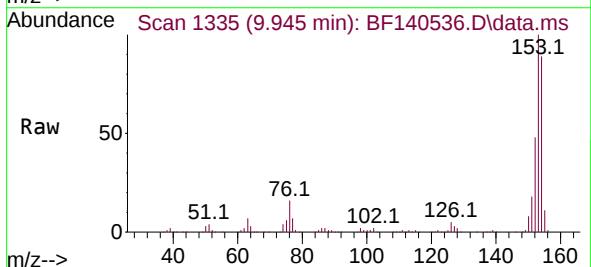
Manual Integrations

APPROVED

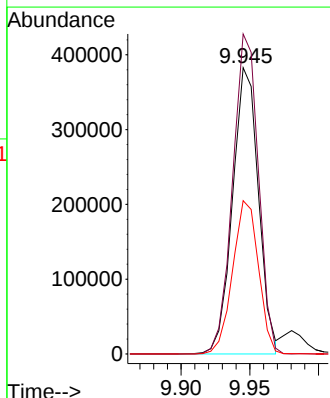
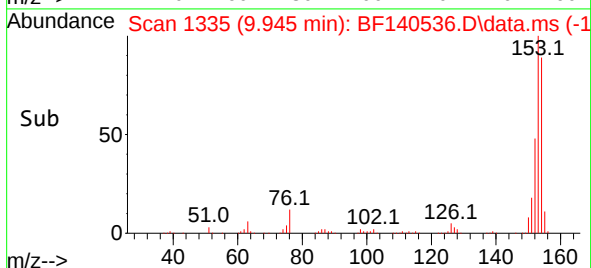
Reviewed By :Yogesh Patel 11/22/2024
Supervised By :mohammad ahmed 11/27/2024

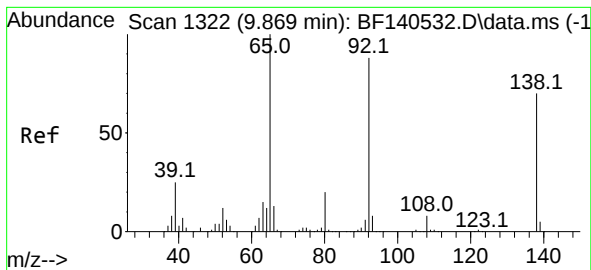


#52
Acenaphthene
Concen: 38.578 ng m
RT: 9.945 min Scan# 1335
Delta R.T. -0.000 min
Lab File: BF140536.D
Acq: 21 Nov 2024 15:07



Tgt Ion:154 Resp: 501631
Ion Ratio Lower Upper
154 100
153 111.8 89.7 134.5
152 53.6 42.5 63.7





#53
3-Nitroaniline
Concen: 40.901 ng
RT: 9.874 min Scan# 1323
Delta R.T. 0.006 min
Lab File: BF140536.D
Acq: 21 Nov 2024 15:07

Instrument :

BNA_F

ClientSampleId :

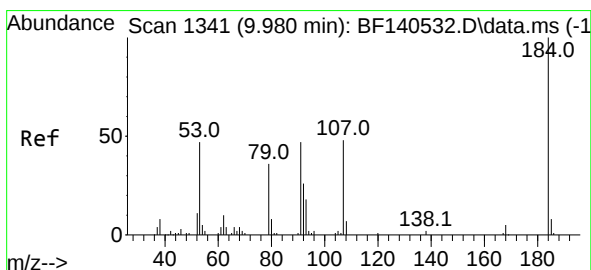
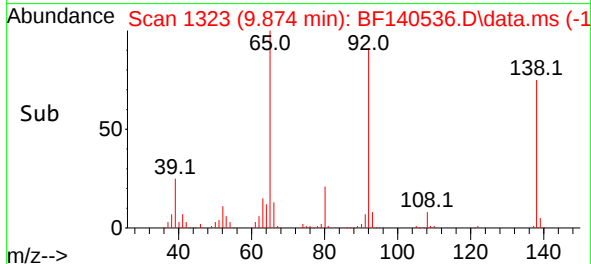
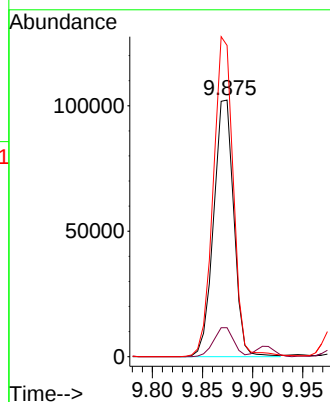
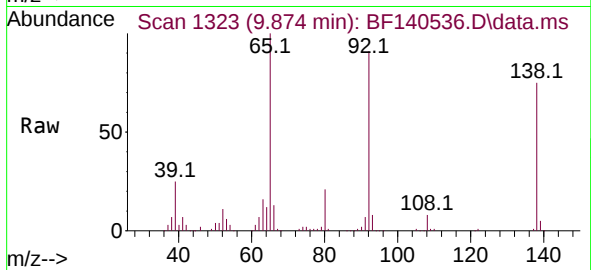
ICVBF112124

Tgt Ion:138 Resp: 14305
Ion Ratio Lower Upper
138 100
108 11.3 9.2 13.8
92 121.3 100.6 150.8

Manual Integrations

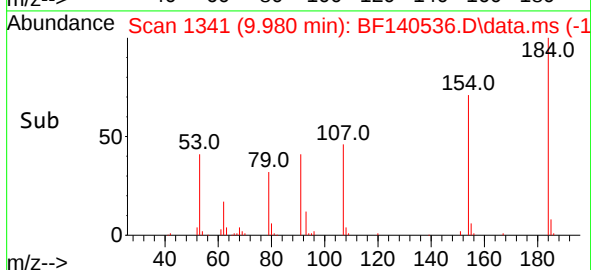
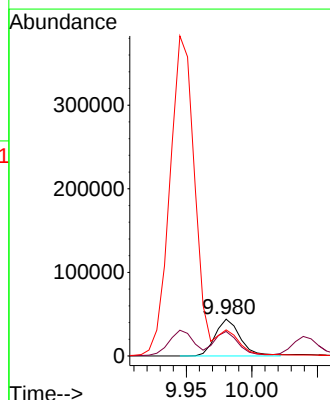
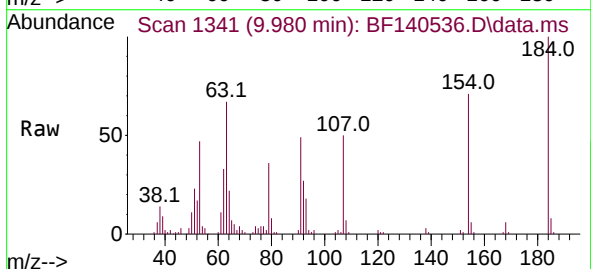
APPROVED

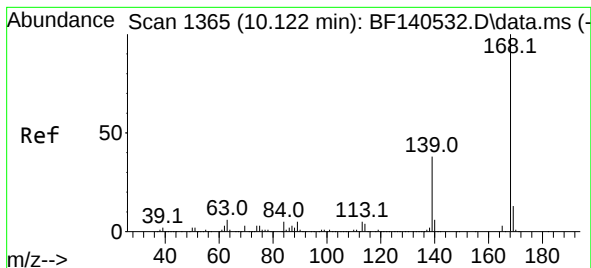
Reviewed By :Yogesh Patel 11/22/2024
Supervised By :mohammad ahmed 11/27/2024



#54
2,4-Dinitrophenol
Concen: 36.341 ng
RT: 9.980 min Scan# 1341
Delta R.T. 0.000 min
Lab File: BF140536.D
Acq: 21 Nov 2024 15:07

Tgt Ion:184 Resp: 58542
Ion Ratio Lower Upper
184 100
63 66.6 54.1 81.1
154 71.0 57.4 86.0





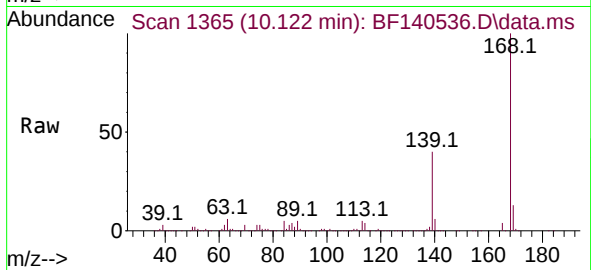
#55
Dibenzenofuran
Concen: 38.644 ng
RT: 10.122 min Scan# 1365
Delta R.T. -0.000 min
Lab File: BF140536.D
Acq: 21 Nov 2024 15:07

Instrument :

BNA_F

ClientSampleId :

ICVBF112124

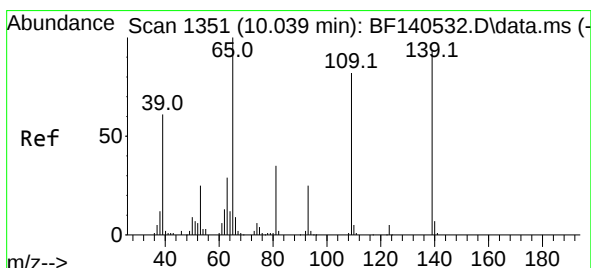
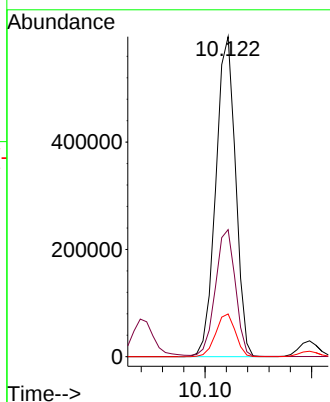
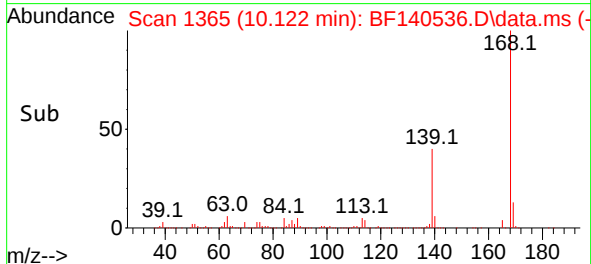


Tgt Ion:168 Resp: 766460
Ion Ratio Lower Upper
168 100
139 39.7 31.3 46.9
169 13.4 10.5 15.7

Manual Integrations

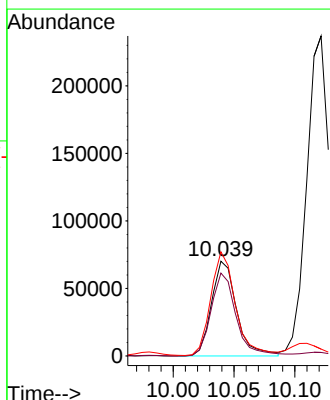
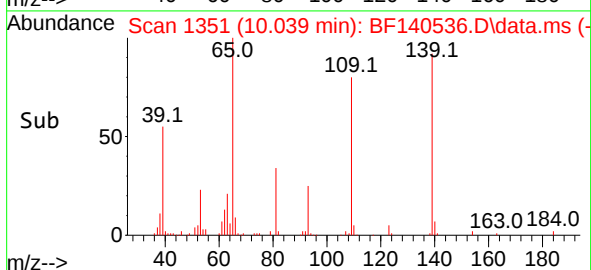
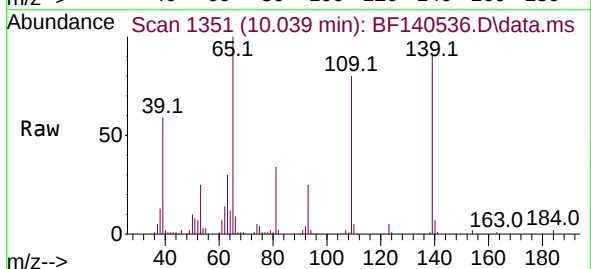
APPROVED

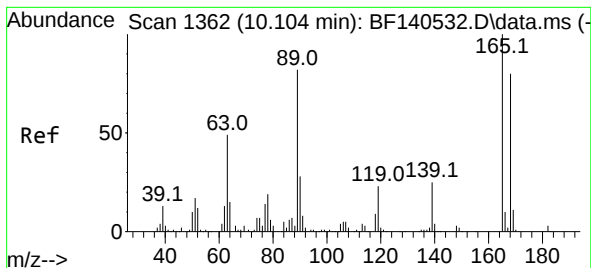
Reviewed By :Yogesh Patel 11/22/2024
Supervised By :mohammad ahmed 11/27/2024



#56
4-Nitrophenol
Concen: 42.263 ng
RT: 10.039 min Scan# 1351
Delta R.T. 0.000 min
Lab File: BF140536.D
Acq: 21 Nov 2024 15:07

Tgt Ion:139 Resp: 100812
Ion Ratio Lower Upper
139 100
109 87.5 68.4 108.4
65 109.9 88.6 128.6





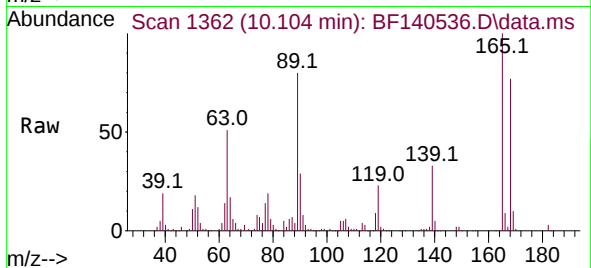
#57
2,4-Dinitrotoluene
Concen: 41.025 ng
RT: 10.104 min Scan# 1362
Delta R.T. -0.000 min
Lab File: BF140536.D
Acq: 21 Nov 2024 15:07

Instrument :

BNA_F

ClientSampleId :

ICVBF112124

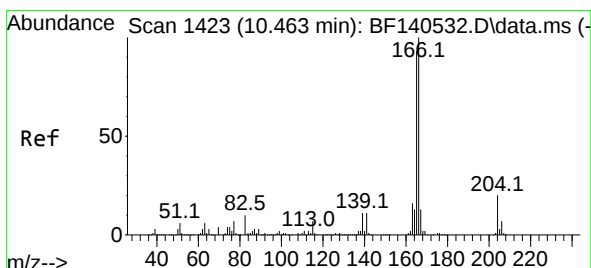
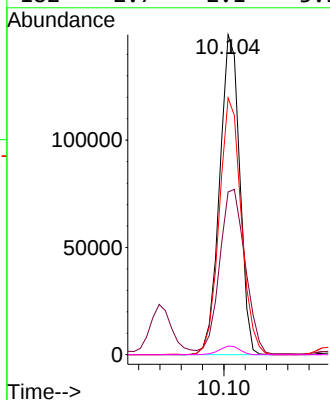
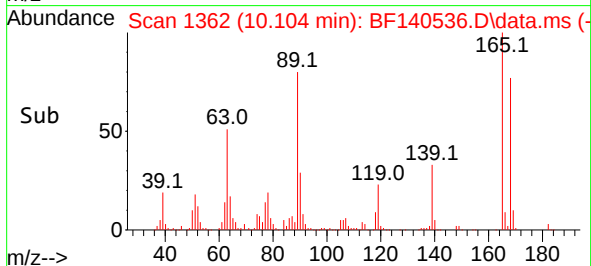


Tgt Ion:165 Resp: 194980
Ion Ratio Lower Upper
165 100
63 50.9 41.7 62.5
89 80.3 65.8 98.8
182 2.7 2.1 3.1

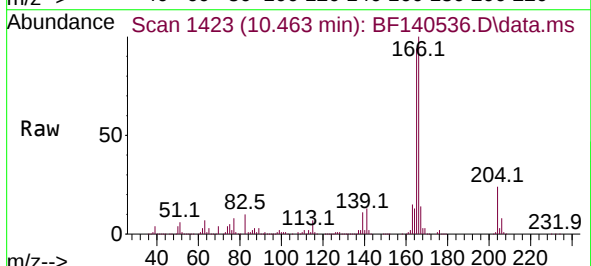
Manual Integrations

APPROVED

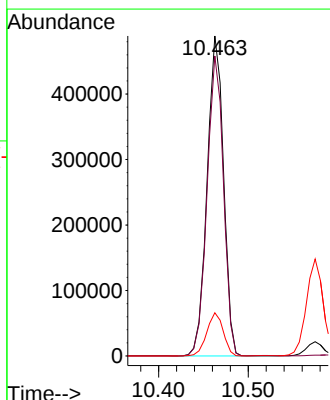
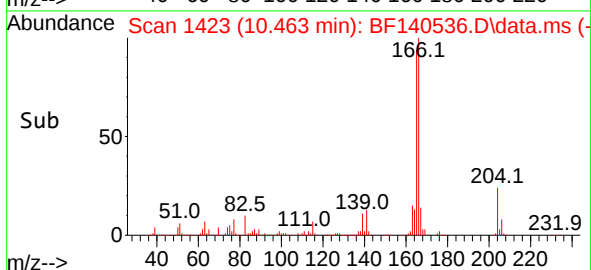
Reviewed By :Yogesh Patel 11/22/2024
Supervised By :mohammad ahmed 11/27/2024

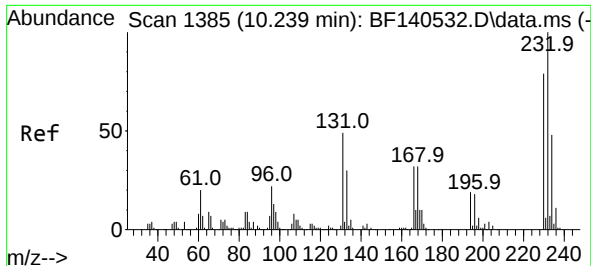


#58
Fluorene
Concen: 39.115 ng
RT: 10.463 min Scan# 1423
Delta R.T. -0.000 min
Lab File: BF140536.D
Acq: 21 Nov 2024 15:07



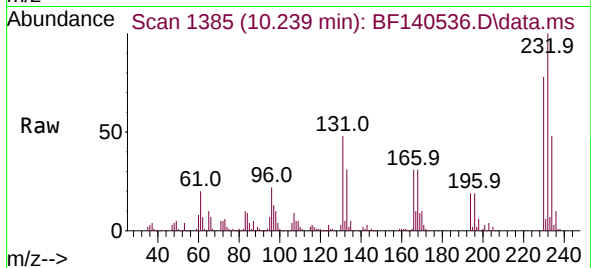
Tgt Ion:166 Resp: 622708
Ion Ratio Lower Upper
166 100
165 93.7 74.6 111.8
167 13.5 10.6 16.0





#59
2,3,4,6-Tetrachlorophenol
Concen: 41.797 ng
RT: 10.239 min Scan# 1385
Delta R.T. -0.000 min
Lab File: BF140536.D
Acq: 21 Nov 2024 15:07

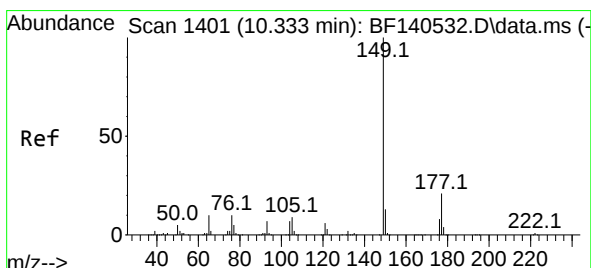
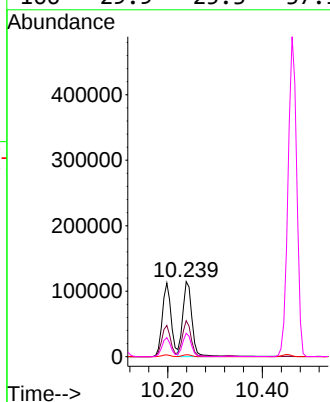
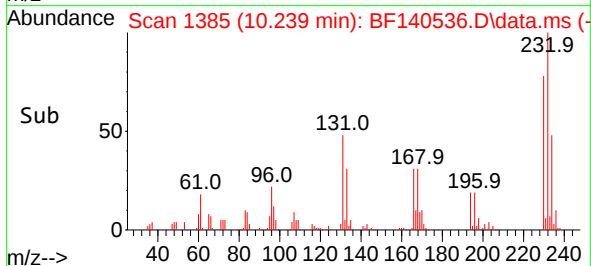
Instrument :
BNA_F
ClientSampleId :
ICVBF112124



Tgt Ion:232 Resp: 153321
Ion Ratio Lower Upper
232 100
131 46.8 39.6 59.4
130 2.5 1.9 2.9
166 29.9 25.3 37.9

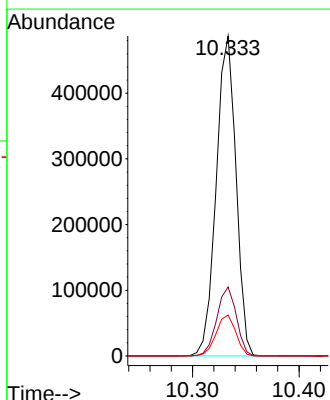
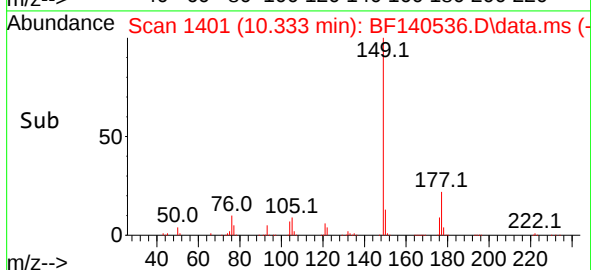
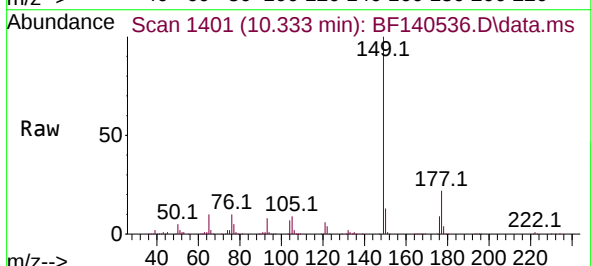
Manual Integrations
APPROVED

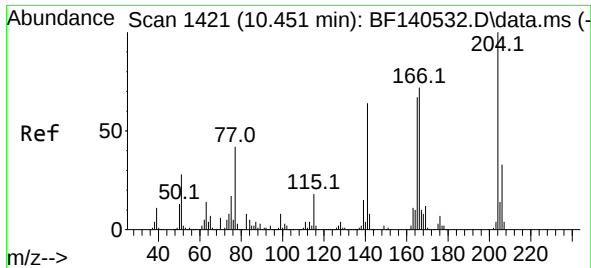
Reviewed By :Yogesh Patel 11/22/2024
Supervised By :mohammad ahmed 11/27/2024



#60
Diethylphthalate
Concen: 39.078 ng
RT: 10.333 min Scan# 1401
Delta R.T. -0.000 min
Lab File: BF140536.D
Acq: 21 Nov 2024 15:07

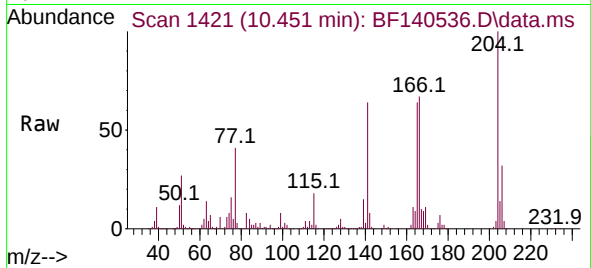
Tgt Ion:149 Resp: 626046
Ion Ratio Lower Upper
149 100
177 21.5 17.1 25.7
150 12.8 10.1 15.1





#61
4-Chlorophenyl-phenylether
Concen: 39.536 ng
RT: 10.451 min Scan# 1421
Delta R.T. -0.000 min
Lab File: BF140536.D
Acq: 21 Nov 2024 15:07

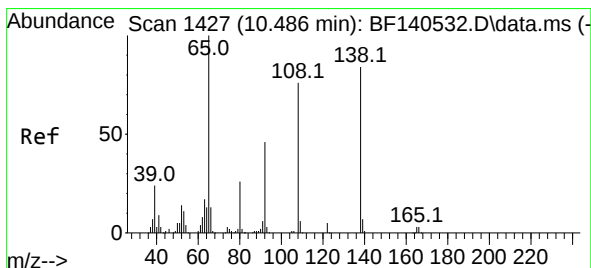
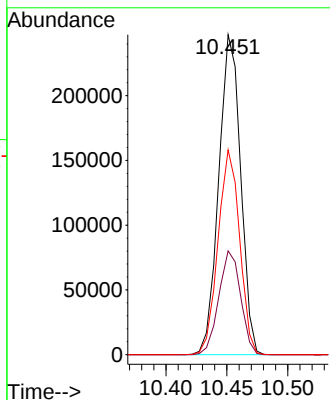
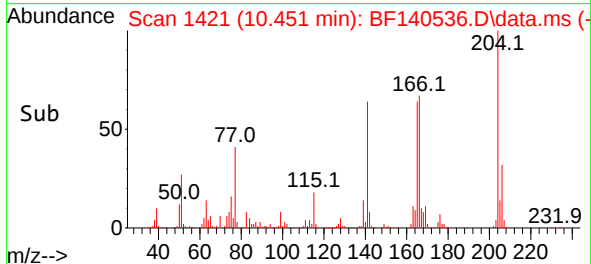
Instrument :
BNA_F
ClientSampleId :
ICVBF112124



Tgt Ion:204 Resp: 30889
Ion Ratio Lower Upper
204 100
206 32.4 26.6 40.0
141 64.0 51.1 76.7

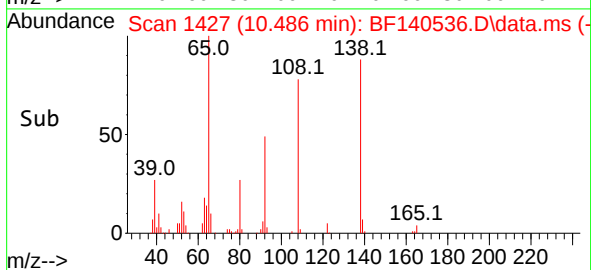
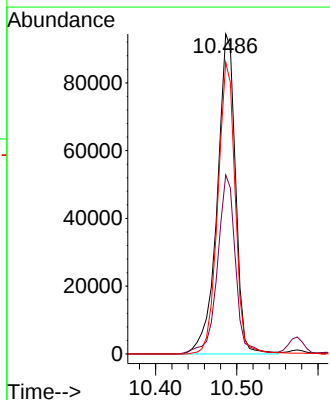
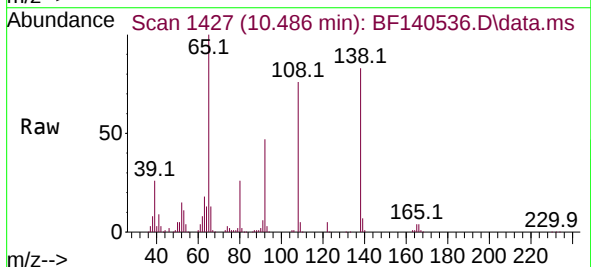
Manual Integrations
APPROVED

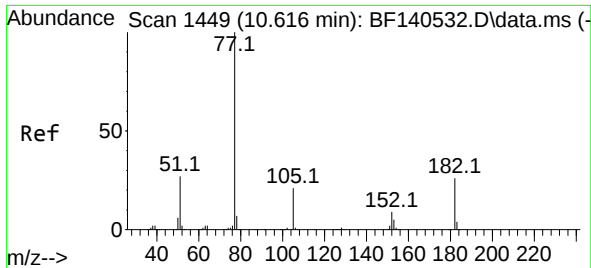
Reviewed By :Yogesh Patel 11/22/2024
Supervised By :mohammad ahmed 11/27/2024



#62
4-Nitroaniline
Concen: 40.369 ng
RT: 10.486 min Scan# 1427
Delta R.T. -0.000 min
Lab File: BF140536.D
Acq: 21 Nov 2024 15:07

Tgt Ion:138 Resp: 148087
Ion Ratio Lower Upper
138 100
92 56.0 34.5 74.5
108 91.1 70.6 110.6





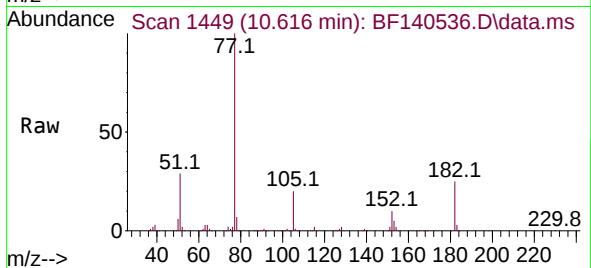
#63
Azobenzene
Concen: 39.396 ng
RT: 10.616 min Scan# 1449
Delta R.T. -0.000 min
Lab File: BF140536.D
Acq: 21 Nov 2024 15:07

Instrument :

BNA_F

ClientSampleId :

ICVBF112124



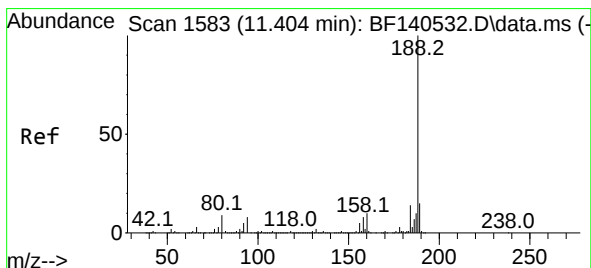
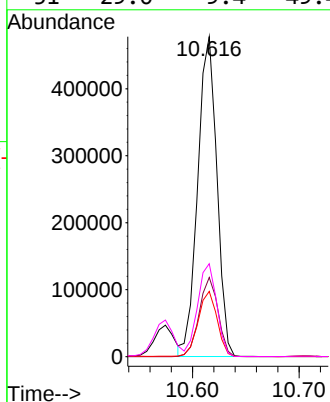
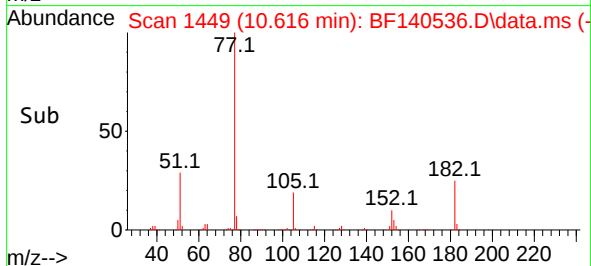
Tgt Ion: 77 Resp: 59768
Ion Ratio Lower Upper
77 100
182 24.7 5.3 45.3
105 20.4 0.3 40.3
51 29.0 9.4 49.4

Manual Integrations

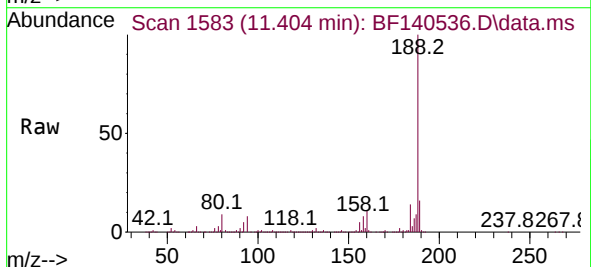
APPROVED

Reviewed By :Yogesh Patel 11/22/2024

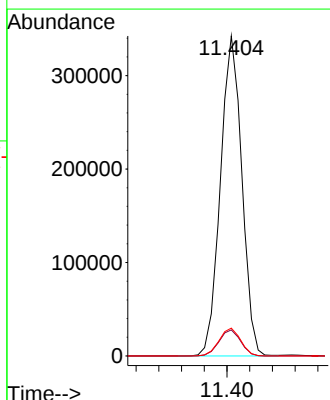
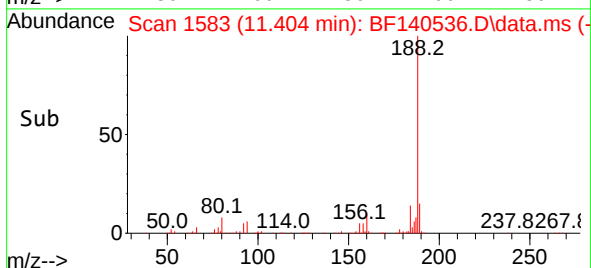
Supervised By :mohammad ahmed 11/27/2024

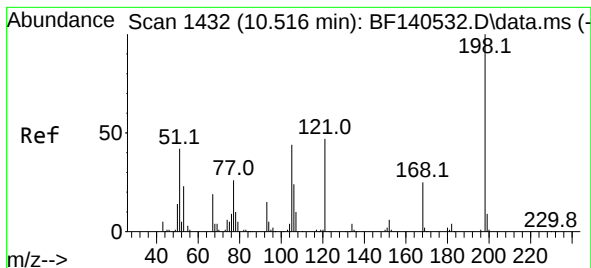


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.404 min Scan# 1583
Delta R.T. -0.000 min
Lab File: BF140536.D
Acq: 21 Nov 2024 15:07



Tgt Ion:188 Resp: 448820
Ion Ratio Lower Upper
188 100
94 8.2 6.4 9.6
80 8.7 6.9 10.3





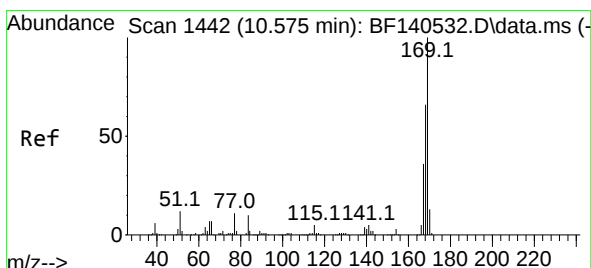
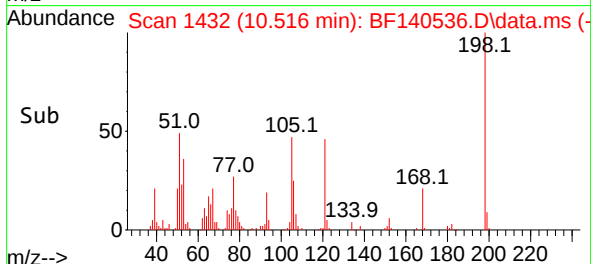
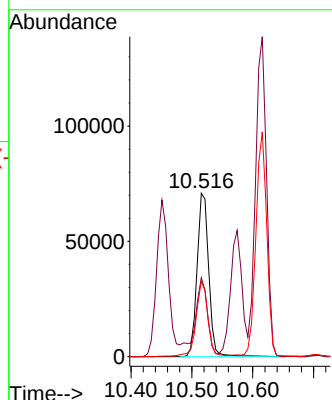
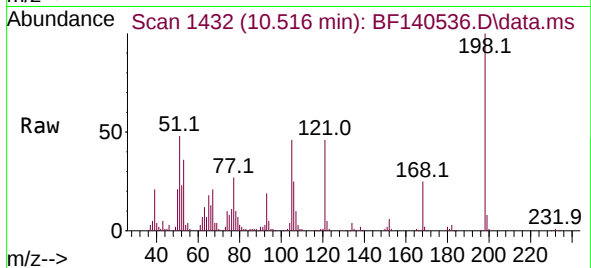
#65
4,6-Dinitro-2-methylphenol
Concen: 41.134 ng
RT: 10.516 min Scan# 1432
Delta R.T. -0.000 min
Lab File: BF140536.D
Acq: 21 Nov 2024 15:07

Instrument :
BNA_F
ClientSampleId :
ICVBF112124

Tgt Ion:198 Resp: 94340
Ion Ratio Lower Upper
198 100
51 48.3 29.4 69.4
105 46.2 25.4 65.4

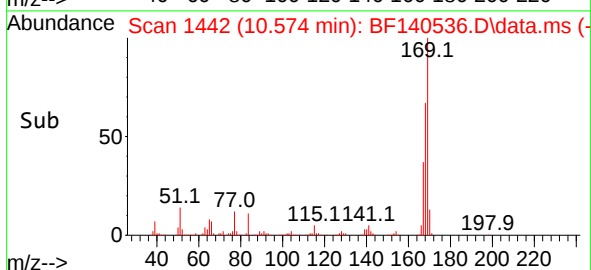
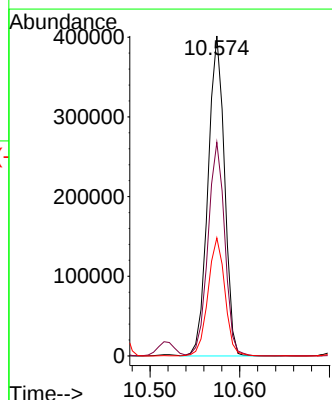
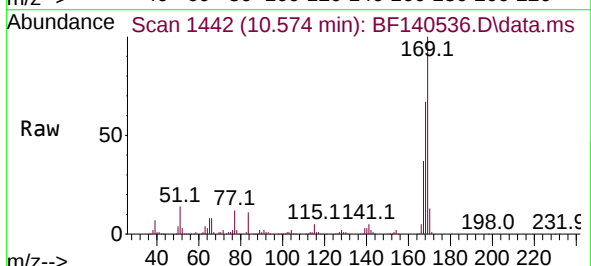
Manual Integrations
APPROVED

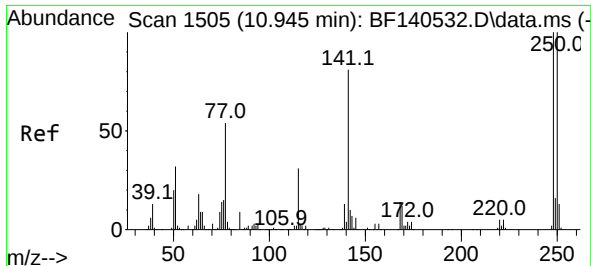
Reviewed By :Yogesh Patel 11/22/2024
Supervised By :mohammad ahmed 11/27/2024



#66
n-Nitrosodiphenylamine
Concen: 38.723 ng
RT: 10.574 min Scan# 1442
Delta R.T. -0.000 min
Lab File: BF140536.D
Acq: 21 Nov 2024 15:07

Tgt Ion:169 Resp: 513960
Ion Ratio Lower Upper
169 100
168 66.8 53.2 79.8
167 36.9 29.0 43.6





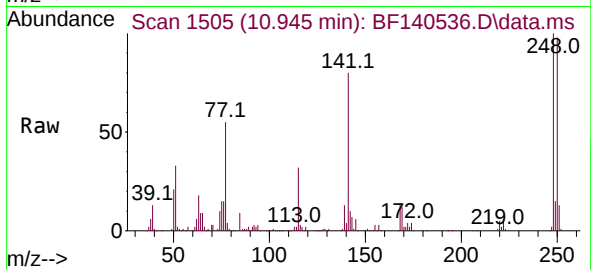
#67
4-Bromophenyl-phenylether
Concen: 38.977 ng
RT: 10.945 min Scan# 1505
Delta R.T. -0.000 min
Lab File: BF140536.D
Acq: 21 Nov 2024 15:07

Instrument :

BNA_F

ClientSampleId :

ICVBF112124

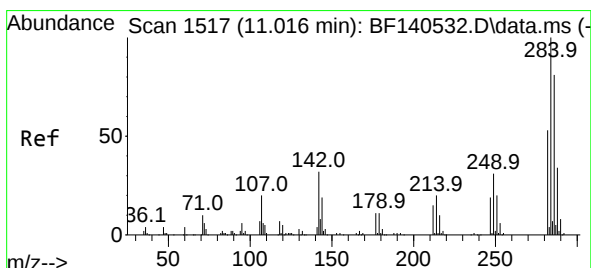
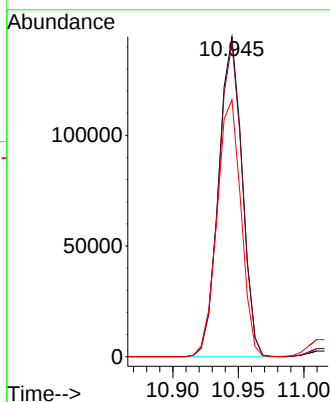
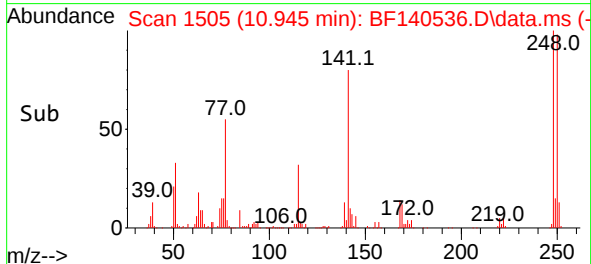


Tgt Ion:248 Resp: 180160
Ion Ratio Lower Upper
248 100
250 98.0 79.8 119.8
141 80.3 64.7 97.1

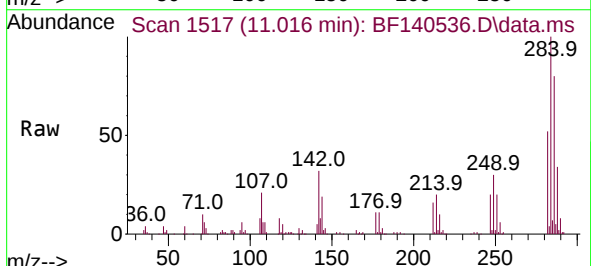
Manual Integrations

APPROVED

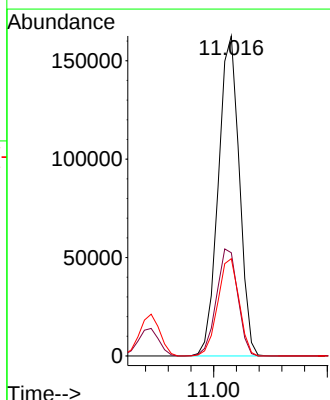
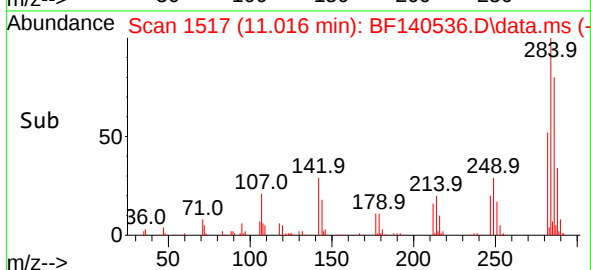
Reviewed By :Yogesh Patel 11/22/2024
Supervised By :mohammad ahmed 11/27/2024

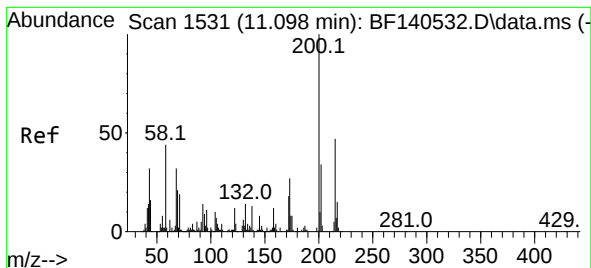


#68
Hexachlorobenzene
Concen: 38.974 ng
RT: 11.016 min Scan# 1517
Delta R.T. -0.000 min
Lab File: BF140536.D
Acq: 21 Nov 2024 15:07



Tgt Ion:284 Resp: 208589
Ion Ratio Lower Upper
284 100
142 32.2 25.3 37.9
249 30.4 24.8 37.2





#69

Atrazine

Concen: 34.643 ng

RT: 11.098 min Scan# 1531

Delta R.T. -0.000 min

Lab File: BF140536.D

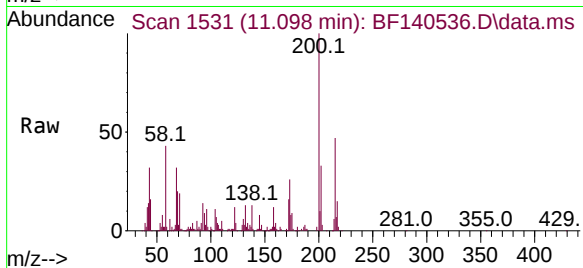
Acq: 21 Nov 2024 15:07

Instrument :

BNA_F

ClientSampleId :

ICVBF112124



Tgt Ion:200 Resp: 12935

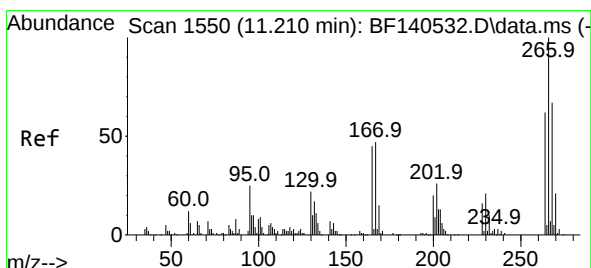
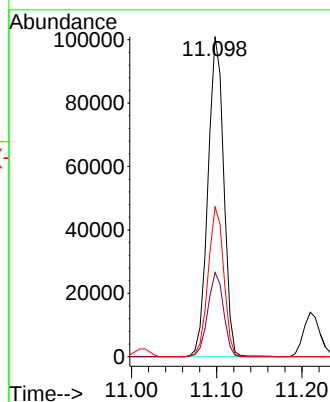
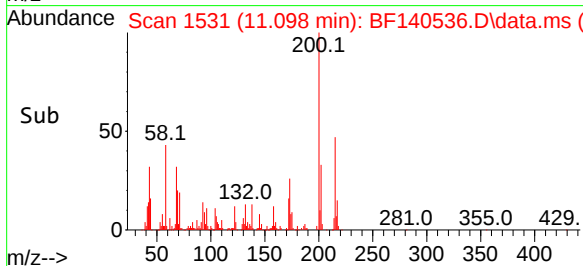
Ion	Ratio	Lower	Upper
200	100		
173	26.3	7.0	47.0
215	46.8	26.7	66.7

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 11/22/2024

Supervised By :mohammad ahmed 11/27/2024



#70

Pentachlorophenol

Concen: 42.779 ng

RT: 11.210 min Scan# 1550

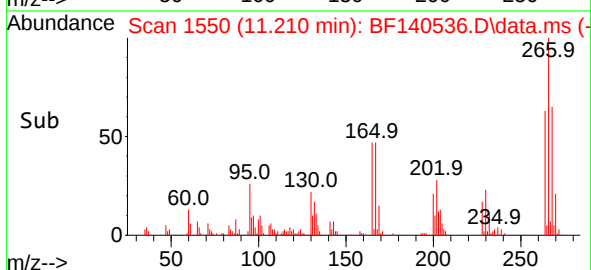
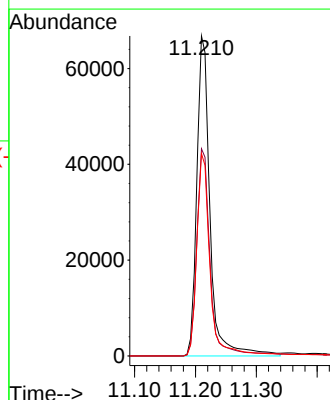
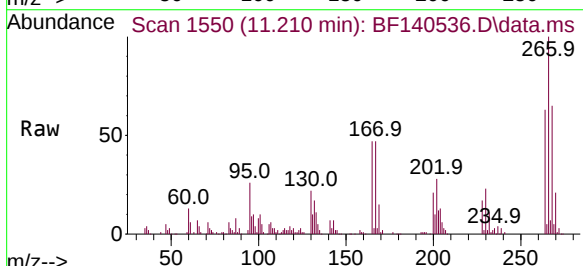
Delta R.T. -0.000 min

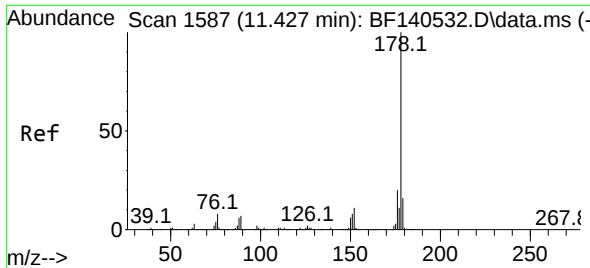
Lab File: BF140536.D

Acq: 21 Nov 2024 15:07

Tgt Ion:266 Resp: 100767

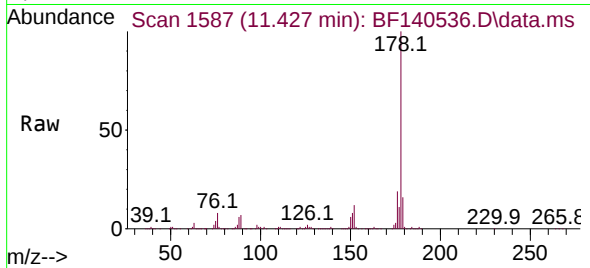
Ion	Ratio	Lower	Upper
266	100		
268	64.8	53.7	80.5
264	63.3	49.8	74.8





#71
Phenanthrene
Concen: 38.861 ng
RT: 11.427 min Scan# 1587
Delta R.T. -0.000 min
Lab File: BF140536.D
Acq: 21 Nov 2024 15:07

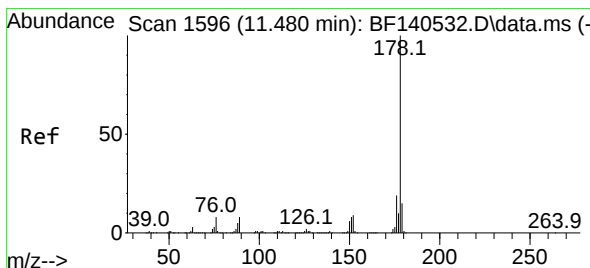
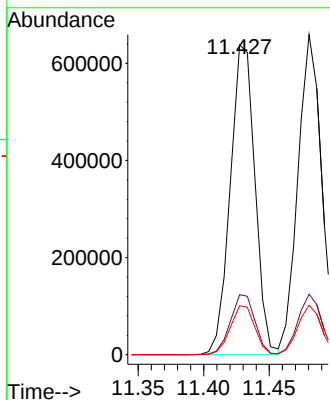
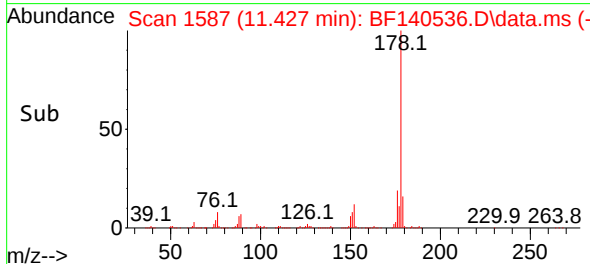
Instrument :
BNA_F
ClientSampleId :
ICVBF112124



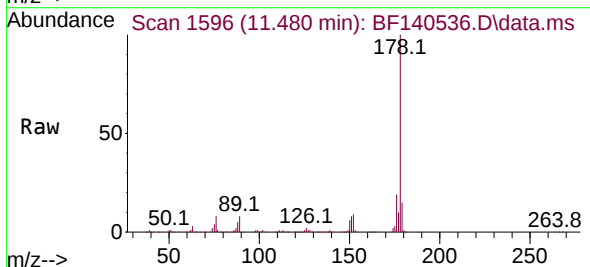
Tgt Ion:178 Resp: 838392
Ion Ratio Lower Upper
178 100
176 19.4 15.8 23.6
179 15.8 12.4 18.6

Manual Integrations
APPROVED

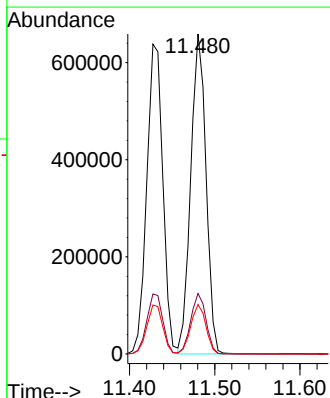
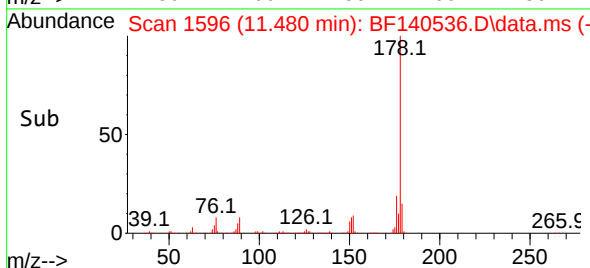
Reviewed By :Yogesh Patel 11/22/2024
Supervised By :mohammad ahmed 11/27/2024

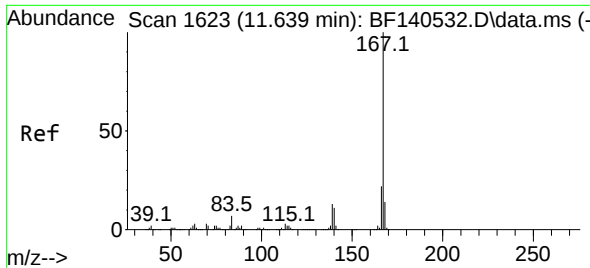


#72
Anthracene
Concen: 38.829 ng
RT: 11.480 min Scan# 1596
Delta R.T. -0.000 min
Lab File: BF140536.D
Acq: 21 Nov 2024 15:07



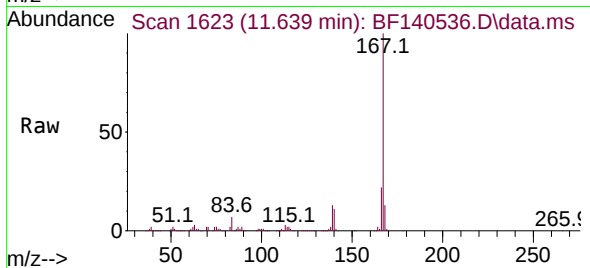
Tgt Ion:178 Resp: 819442
Ion Ratio Lower Upper
178 100
176 18.9 15.0 22.4
179 15.5 12.2 18.4





#73
 Carbazole
 Concen: 39.207 ng
 RT: 11.639 min Scan# 1623
 Delta R.T. -0.000 min
 Lab File: BF140536.D
 Acq: 21 Nov 2024 15:07

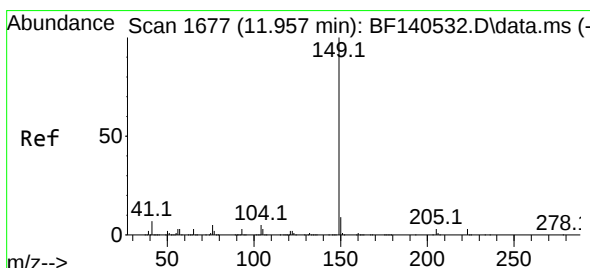
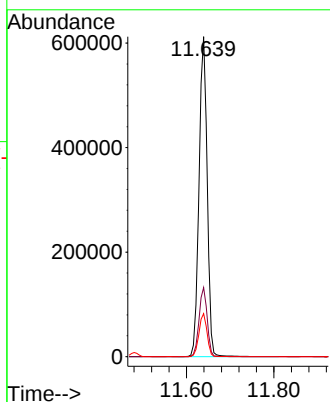
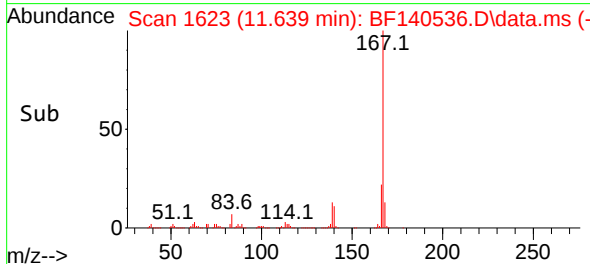
Instrument : BNA_F
 ClientSampleId : ICVBF112124



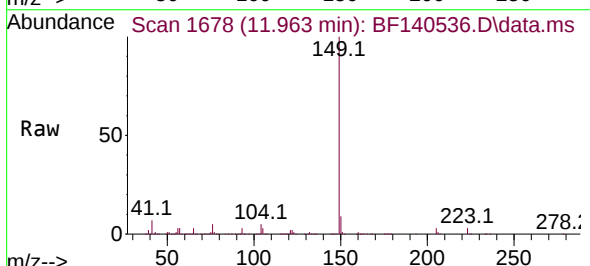
Tgt Ion:167 Resp: 795979
 Ion Ratio Lower Upper
 167 100
 166 21.6 17.2 25.8
 139 13.4 10.6 15.8

Manual Integrations
 APPROVED

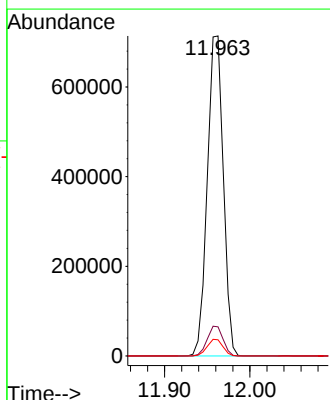
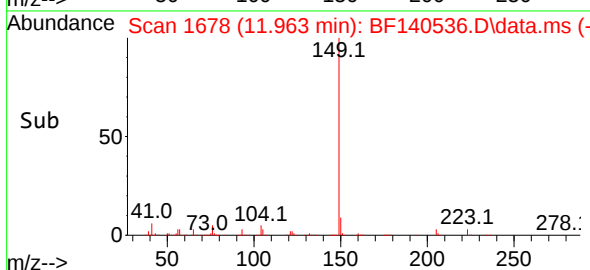
Reviewed By :Yogesh Patel 11/22/2024
 Supervised By :mohammad ahmed 11/27/2024

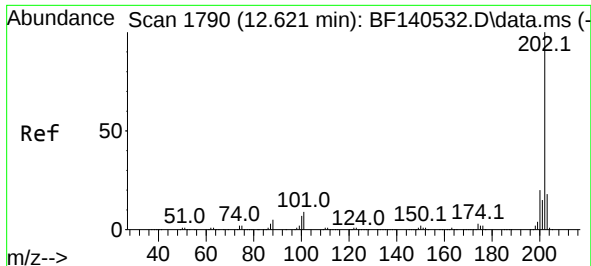


#74
 Di-n-butylphthalate
 Concen: 39.765 ng
 RT: 11.963 min Scan# 1678
 Delta R.T. 0.006 min
 Lab File: BF140536.D
 Acq: 21 Nov 2024 15:07



Tgt Ion:149 Resp: 932026
 Ion Ratio Lower Upper
 149 100
 150 9.1 7.5 11.3
 104 5.1 4.1 6.1





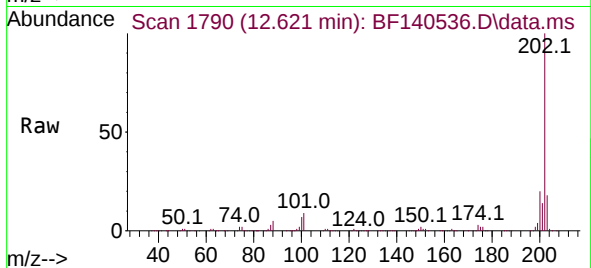
#75
Fluoranthene
Concen: 40.002 ng
RT: 12.621 min Scan# 1790
Delta R.T. -0.000 min
Lab File: BF140536.D
Acq: 21 Nov 2024 15:07

Instrument :

BNA_F

ClientSampleId :

ICVBF112124



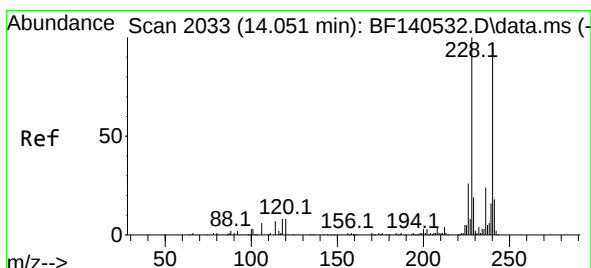
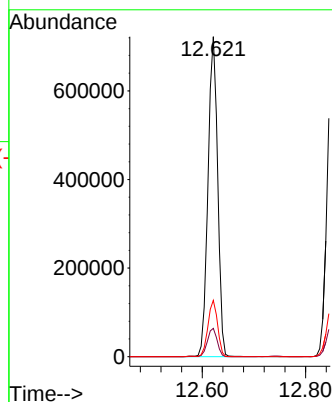
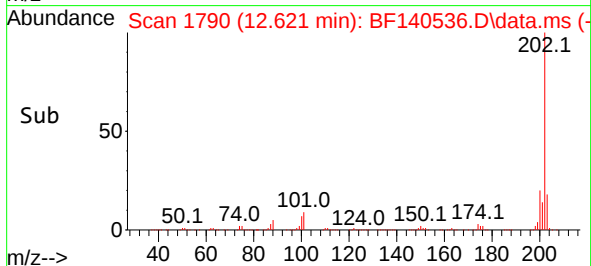
Tgt Ion:202 Resp: 937019
Ion Ratio Lower Upper
202 100
101 8.9 0.0 28.9
203 17.6 0.0 37.6

Manual Integrations

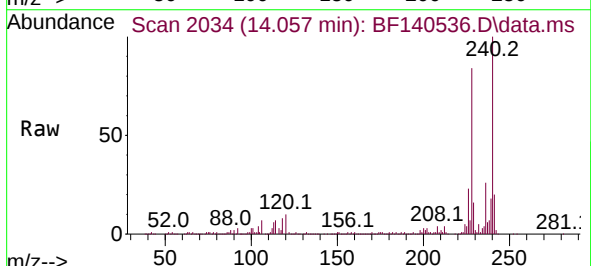
APPROVED

Reviewed By :Yogesh Patel 11/22/2024

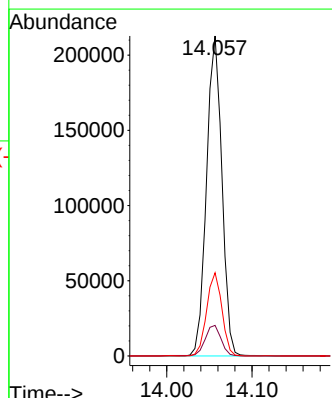
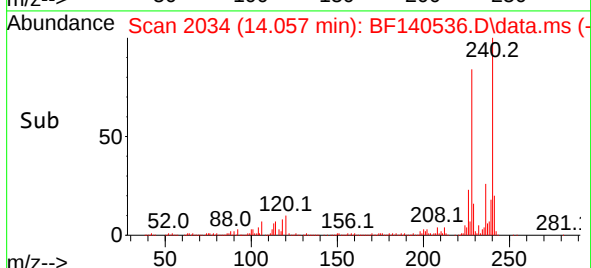
Supervised By :mohammad ahmed 11/27/2024

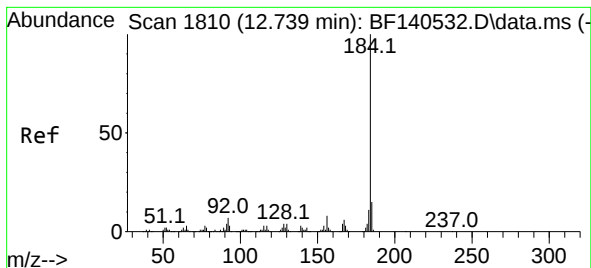


#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.057 min Scan# 2034
Delta R.T. 0.006 min
Lab File: BF140536.D
Acq: 21 Nov 2024 15:07



Tgt Ion:240 Resp: 266538
Ion Ratio Lower Upper
240 100
120 9.6 7.3 10.9
236 26.0 20.6 31.0





#77

Benzidine

Concen: 39.351 ng

RT: 12.745 min Scan# 1811

Delta R.T. 0.006 min

Lab File: BF140536.D

Acq: 21 Nov 2024 15:07

Instrument :

BNA_F

ClientSampleId :

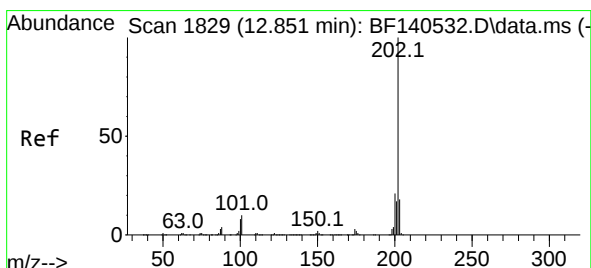
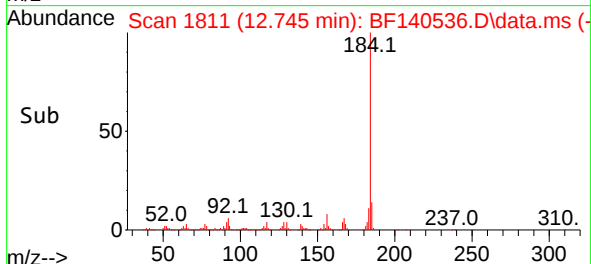
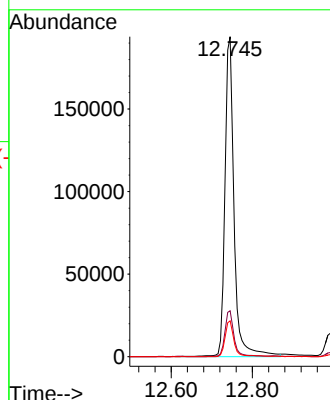
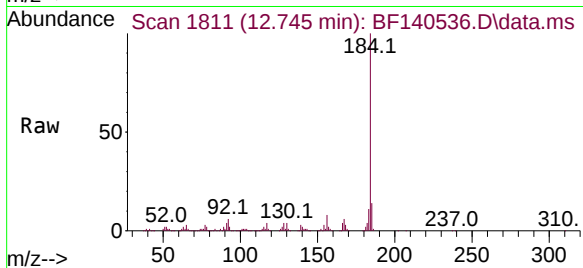
ICVBF112124

Tgt Ion:184 Resp: 304940
 Ion Ratio Lower Upper
 184 100
 185 14.4 11.7 17.5
 183 11.2 8.8 13.2

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 11/22/2024
 Supervised By :mohammad ahmed 11/27/2024



#78

Pyrene

Concen: 38.219 ng

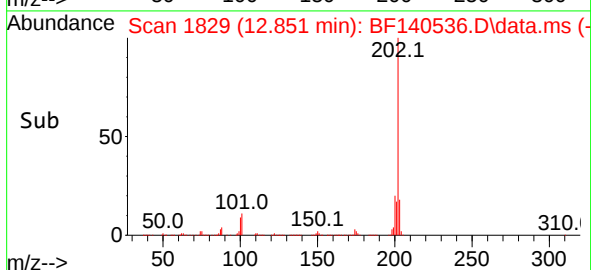
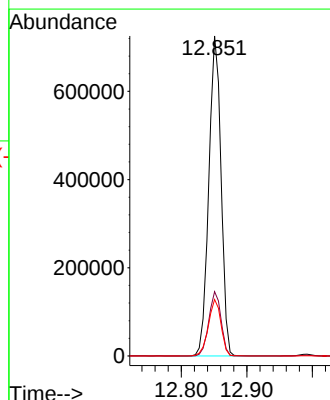
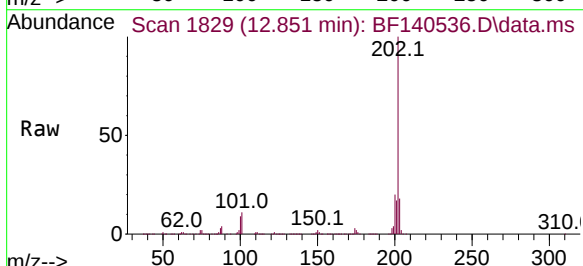
RT: 12.851 min Scan# 1829

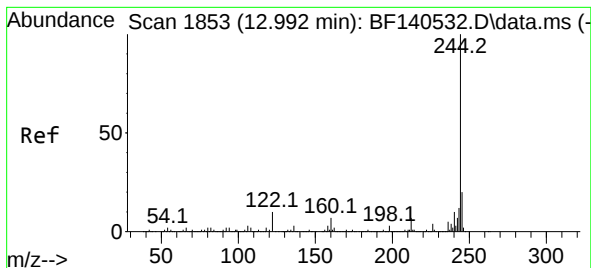
Delta R.T. -0.000 min

Lab File: BF140536.D

Acq: 21 Nov 2024 15:07

Tgt Ion:202 Resp: 941890
 Ion Ratio Lower Upper
 202 100
 200 20.1 16.5 24.7
 203 17.7 14.2 21.4





#79

Terphenyl-d14

Concen: 75.460 ng

RT: 12.992 min Scan# 1853

Delta R.T. -0.000 min

Lab File: BF140536.D

Acq: 21 Nov 2024 15:07

Instrument :

BNA_F

ClientSampleId :

ICVBF112124

Tgt Ion:244 Resp: 129166

Ion Ratio Lower Upper

244 100

212 7.1 5.8 8.8

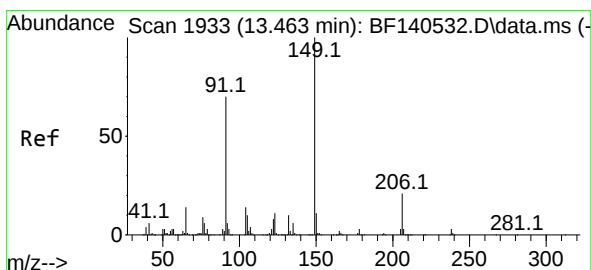
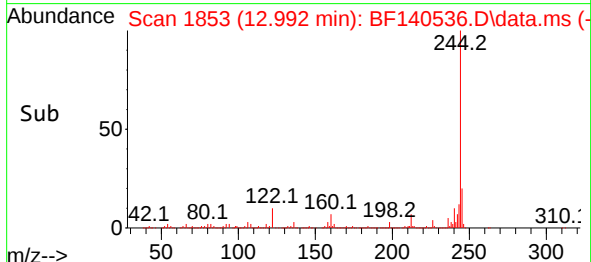
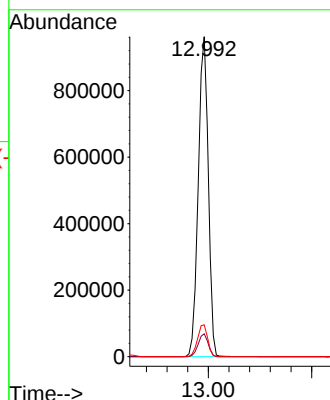
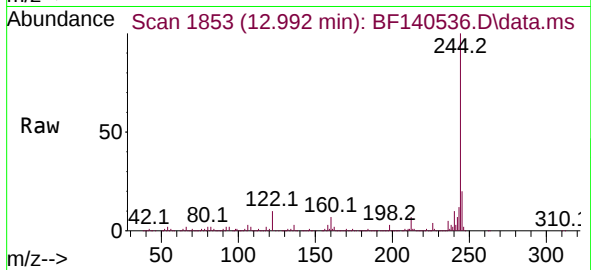
122 9.9 8.0 12.0

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 11/22/2024

Supervised By :mohammad ahmed 11/27/2024



#80

Butylbenzylphthalate

Concen: 40.542 ng

RT: 13.463 min Scan# 1933

Delta R.T. -0.000 min

Lab File: BF140536.D

Acq: 21 Nov 2024 15:07

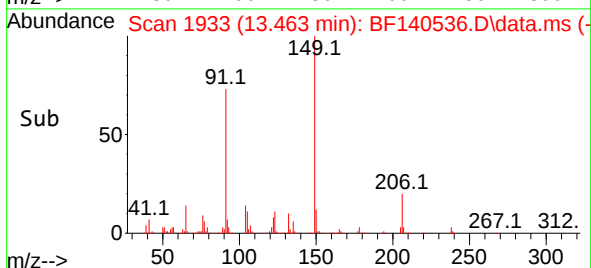
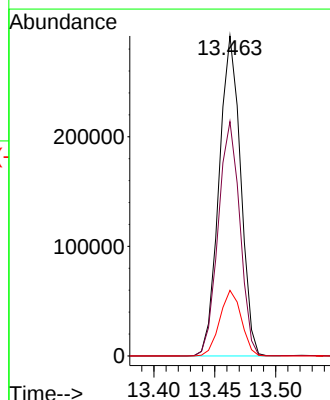
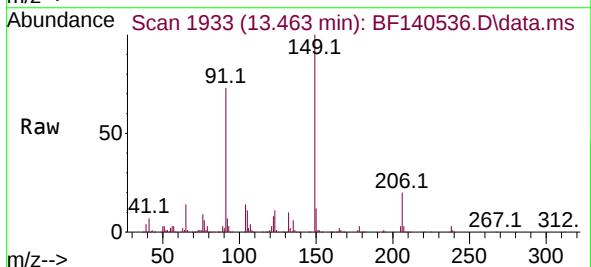
Tgt Ion:149 Resp: 359930

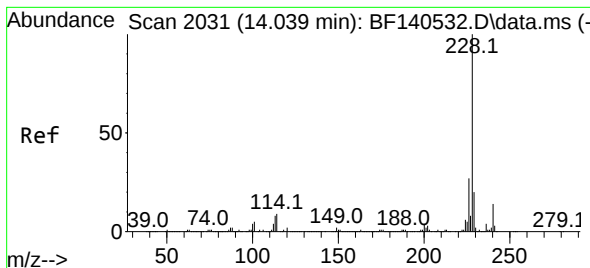
Ion Ratio Lower Upper

149 100

91 73.3 56.2 84.2

206 20.5 16.4 24.6





#81

Benzo(a)anthracene

Concen: 39.723 ng

RT: 14.045 min Scan# 2031

Delta R.T. 0.006 min

Lab File: BF140536.D

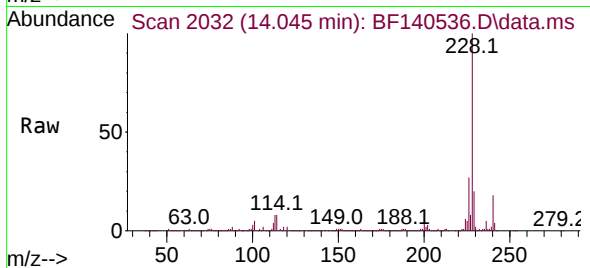
Acq: 21 Nov 2024 15:07

Instrument :

BNA_F

ClientSampleId :

ICVBF112124



Tgt Ion:228 Resp: 70086

Ion Ratio Lower Upper

228 100

226 27.3 21.8 32.8

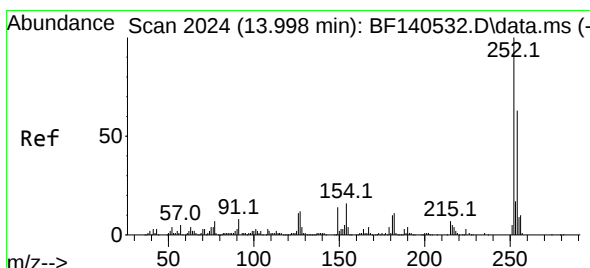
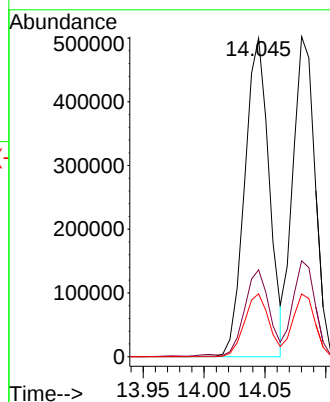
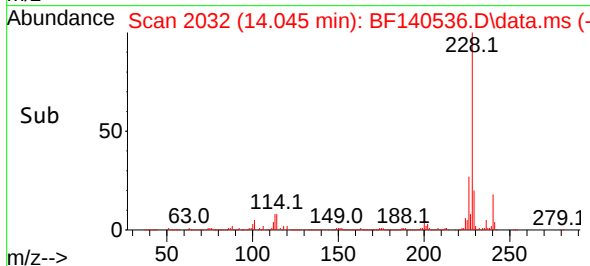
229 19.7 15.8 23.6

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 11/22/2024

Supervised By :mohammad ahmed 11/27/2024



#82

3,3'-Dichlorobenzidine

Concen: 41.011 ng

RT: 14.004 min Scan# 2025

Delta R.T. 0.006 min

Lab File: BF140536.D

Acq: 21 Nov 2024 15:07

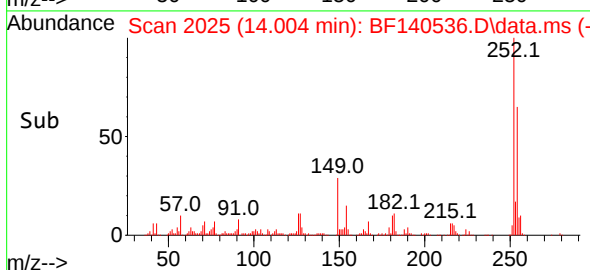
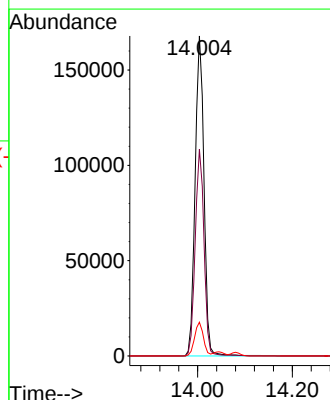
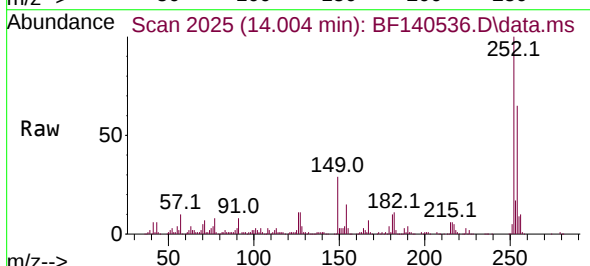
Tgt Ion:252 Resp: 217249

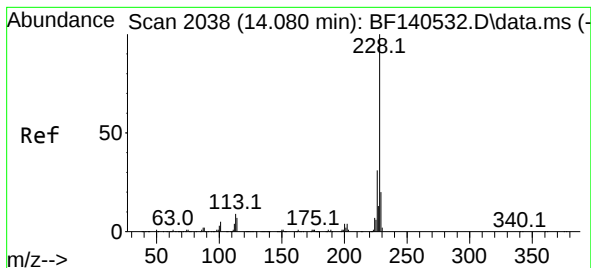
Ion Ratio Lower Upper

252 100

254 64.6 50.8 76.2

126 10.6 8.6 13.0





#83

Chrysene

Concen: 39.406 ng

RT: 14.080 min Scan# 2038

Delta R.T. -0.000 min

Lab File: BF140536.D

Acq: 21 Nov 2024 15:07

Instrument :

BNA_F

ClientSampleId :

ICVBF112124

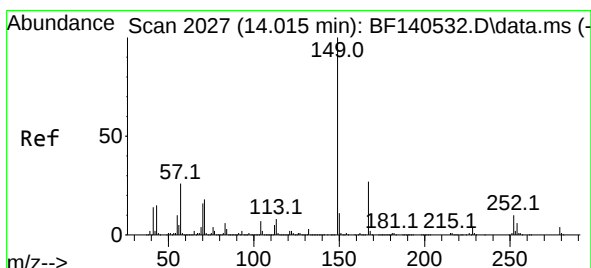
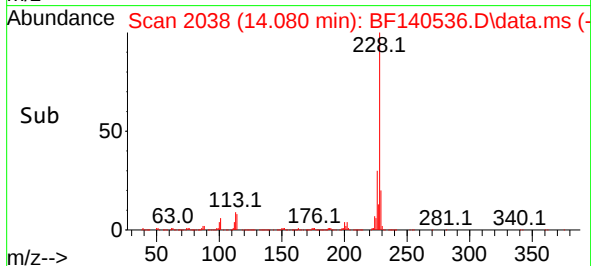
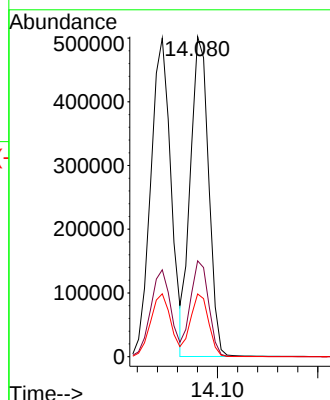
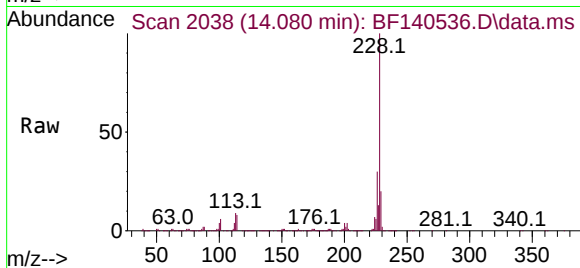
Tgt Ion:	228	Resp:	635750
Ion Ratio	Lower	Upper	
228	100		
226	30.0	24.4	36.6
229	19.6	15.8	23.6

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 11/22/2024

Supervised By :mohammad ahmed 11/27/2024



#84

Bis(2-ethylhexyl)phthalate

Concen: 41.823 ng

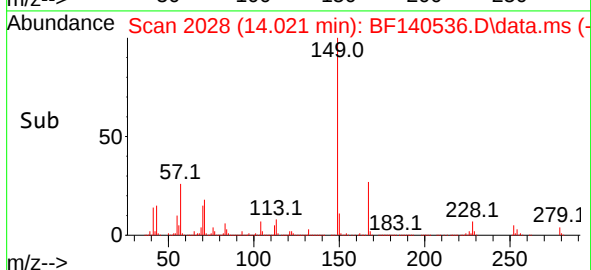
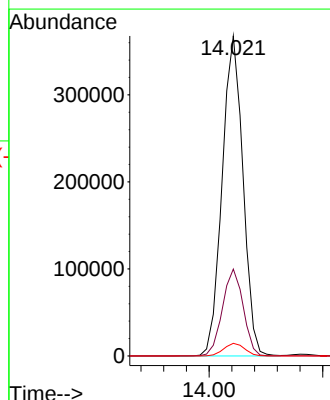
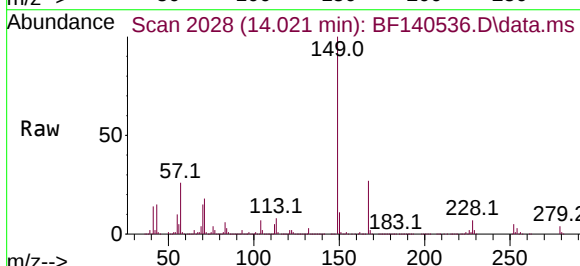
RT: 14.021 min Scan# 2028

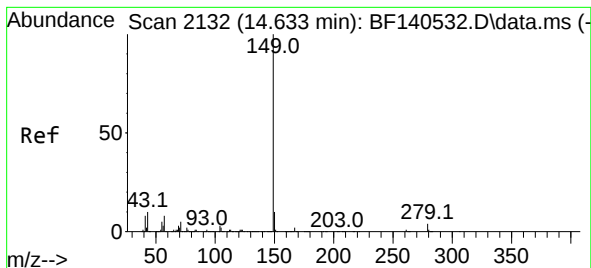
Delta R.T. 0.006 min

Lab File: BF140536.D

Acq: 21 Nov 2024 15:07

Tgt Ion:	149	Resp:	468853
Ion Ratio	Lower	Upper	
149	100		
167	27.2	21.2	31.8
279	4.0	3.2	4.8





#85

Di-n-octyl phthalate

Concen: 43.965 ng

RT: 14.645 min Scan# 2134

Delta R.T. 0.012 min

Lab File: BF140536.D

Acq: 21 Nov 2024 15:07

Instrument :

BNA_F

ClientSampleId :

ICVBF112124

Tgt Ion:149 Resp: 67356

Ion Ratio Lower Upper

149 100

167 1.5 1.3 1.9

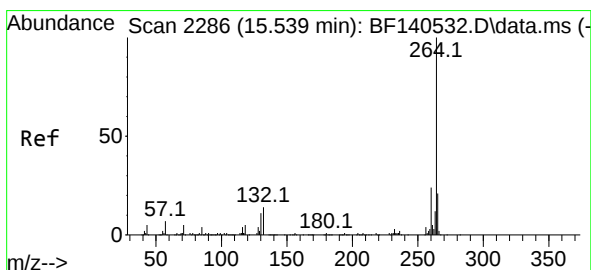
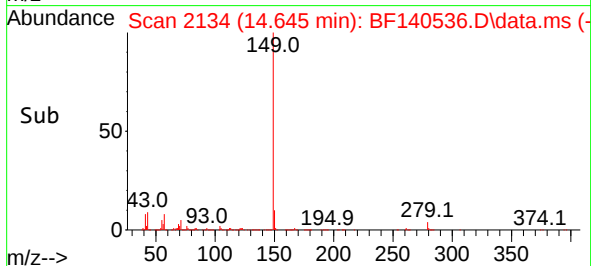
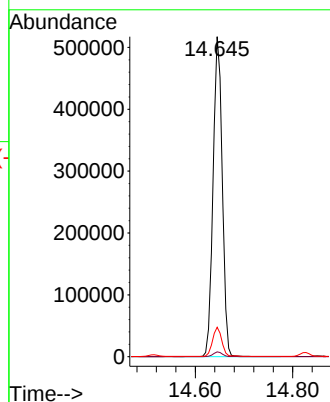
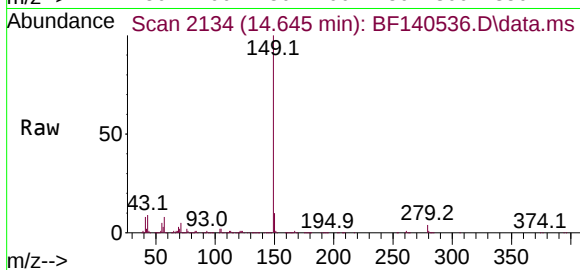
43 9.2 7.7 11.5

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 11/22/2024

Supervised By :mohammad ahmed 11/27/2024



#86

Perylene-d12

Concen: 20.000 ng

RT: 15.551 min Scan# 2288

Delta R.T. 0.012 min

Lab File: BF140536.D

Acq: 21 Nov 2024 15:07

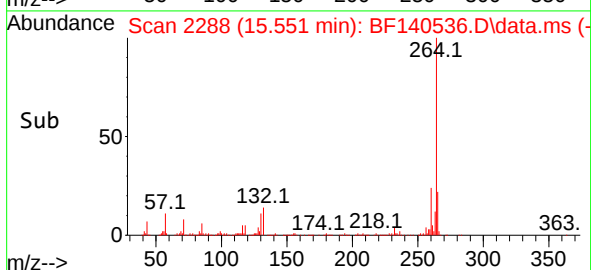
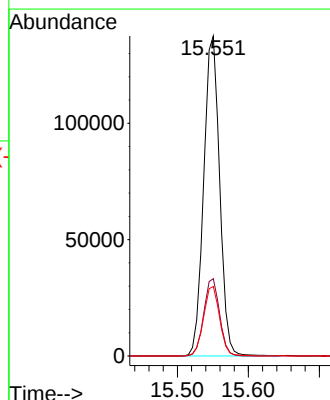
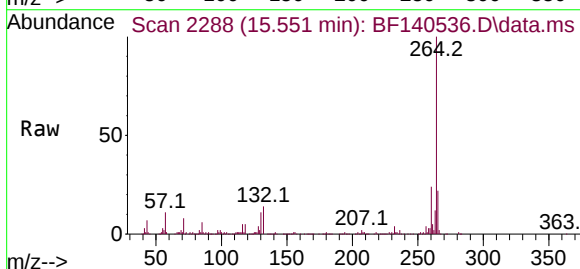
Tgt Ion:264 Resp: 215076

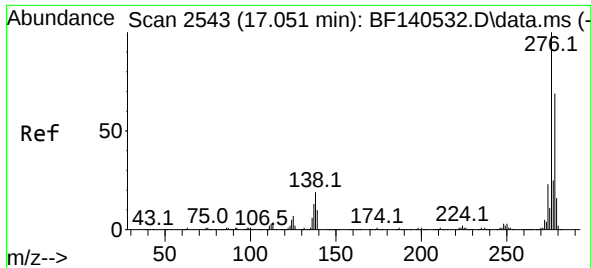
Ion Ratio Lower Upper

264 100

260 24.2 19.0 28.6

265 21.7 16.6 25.0





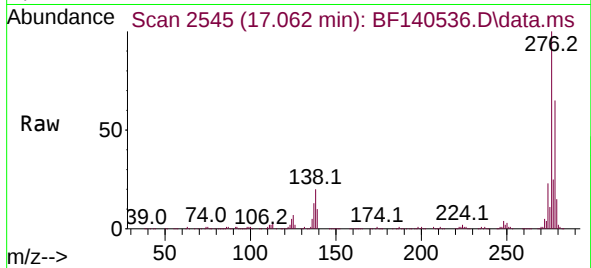
#87
 Indeno(1,2,3-cd)pyrene
 Concen: 38.995 ng
 RT: 17.062 min Scan# 21
 Delta R.T. 0.012 min
 Lab File: BF140536.D
 Acq: 21 Nov 2024 15:07

Instrument :

BNA_F

ClientSampleId :

ICVBF112124



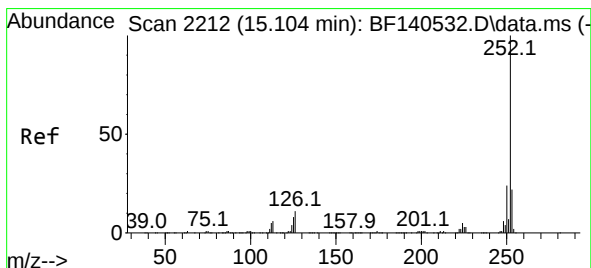
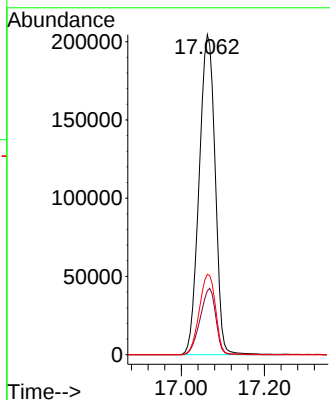
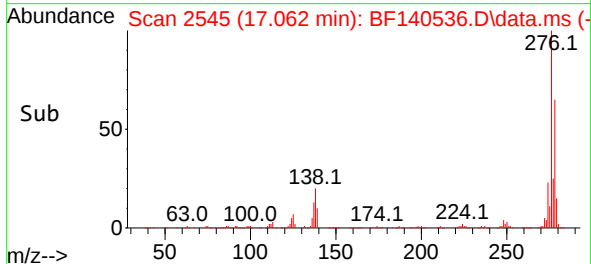
Tgt Ion:276 Resp: 54656
 Ion Ratio Lower Upper
 276 100
 138 20.2 15.5 23.3
 277 25.6 20.1 30.1

Manual Integrations

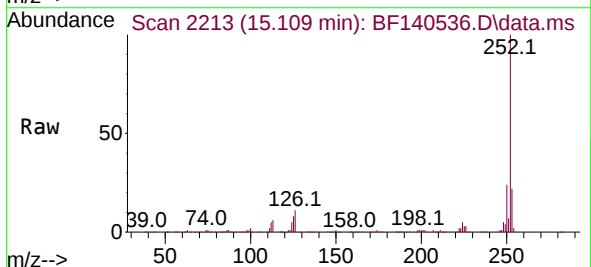
APPROVED

Reviewed By :Yogesh Patel 11/22/2024

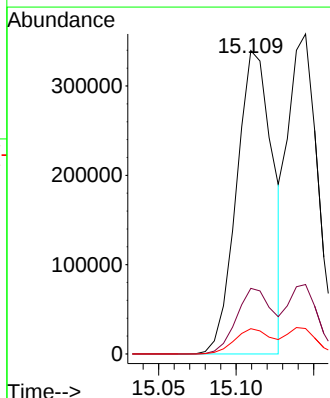
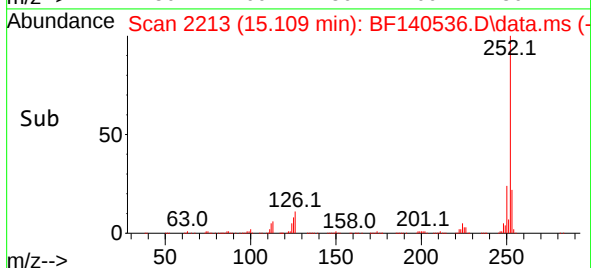
Supervised By :mohammad ahmed 11/27/2024

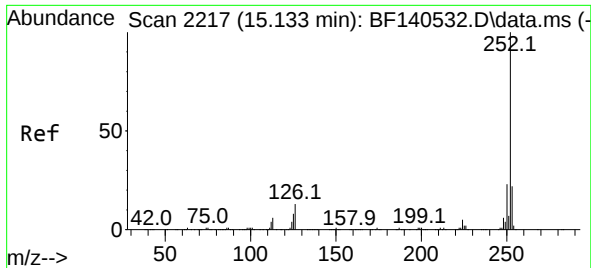


#88
 Benzo(b)fluoranthene
 Concen: 40.850 ng
 RT: 15.109 min Scan# 2213
 Delta R.T. 0.006 min
 Lab File: BF140536.D
 Acq: 21 Nov 2024 15:07



Tgt Ion:252 Resp: 551853
 Ion Ratio Lower Upper
 252 100
 253 21.6 17.2 25.8
 125 8.4 6.7 10.1





#89
Benzo(k)fluoranthene
Concen: 40.110 ng
RT: 15.145 min Scan# 2219
Delta R.T. 0.012 min
Lab File: BF140536.D
Acq: 21 Nov 2024 15:07

Instrument :

BNA_F

ClientSampleId :

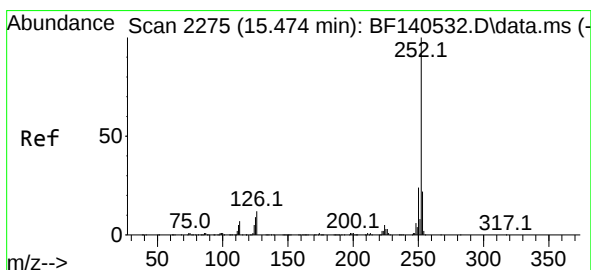
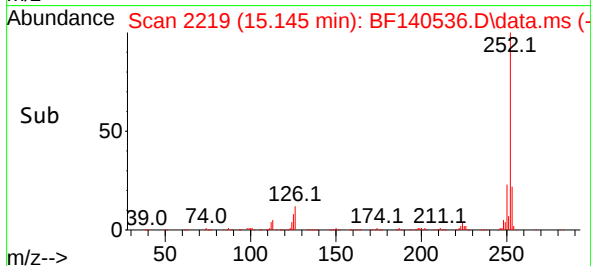
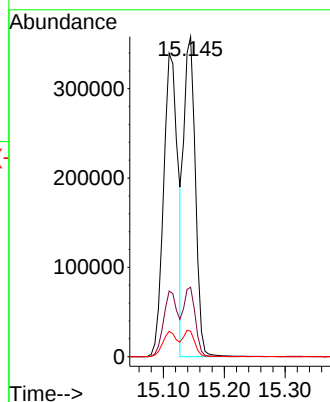
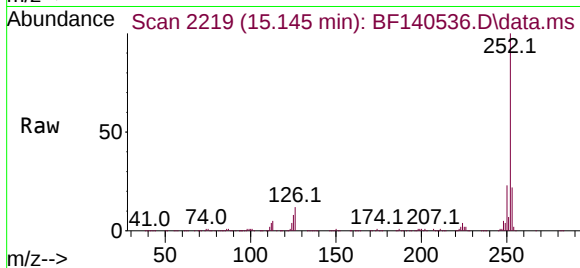
ICVBF112124

Tgt Ion:252 Resp: 474170
Ion Ratio Lower Upper
252 100
253 21.7 17.5 26.3
125 7.9 6.5 9.7

Manual Integrations

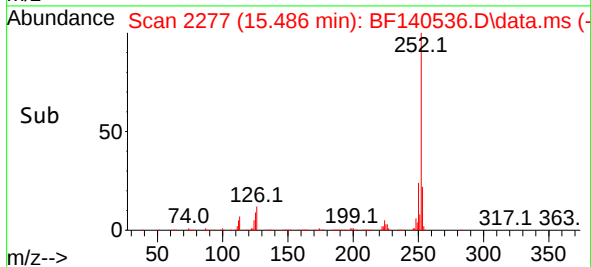
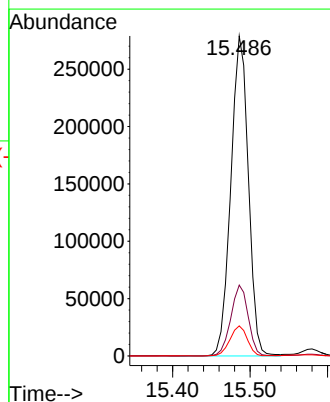
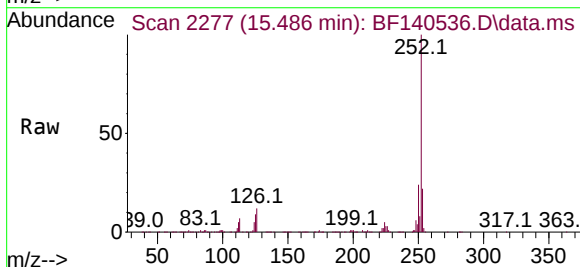
APPROVED

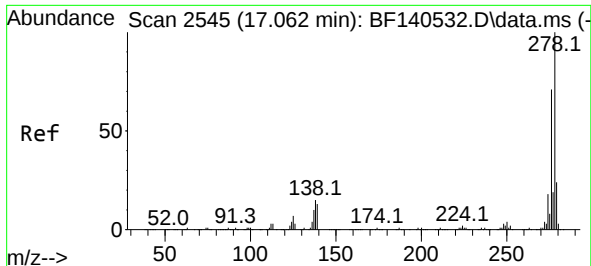
Reviewed By :Yogesh Patel 11/22/2024
Supervised By :mohammad ahmed 11/27/2024



#90
Benzo(a)pyrene
Concen: 40.041 ng
RT: 15.486 min Scan# 2277
Delta R.T. 0.012 min
Lab File: BF140536.D
Acq: 21 Nov 2024 15:07

Tgt Ion:252 Resp: 439811
Ion Ratio Lower Upper
252 100
253 22.1 17.3 25.9
125 9.4 7.0 10.6





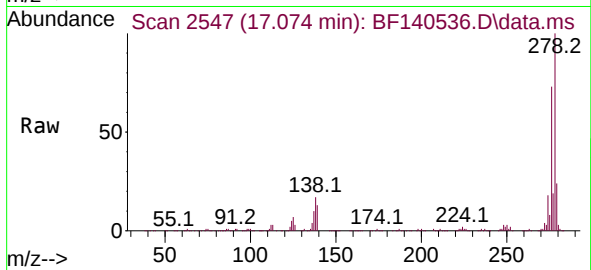
#91
Dibenzo(a,h)anthracene
Concen: 40.052 ng
RT: 17.074 min Scan# 2545
Delta R.T. 0.012 min
Lab File: BF140536.D
Acq: 21 Nov 2024 15:07

Instrument :

BNA_F

ClientSampleId :

ICVBF112124

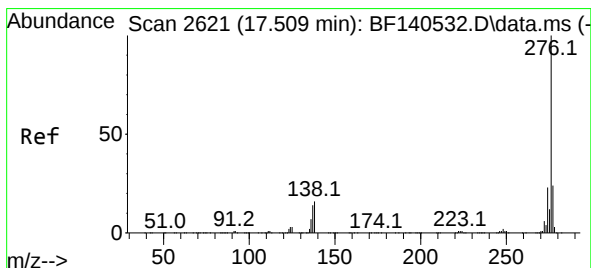
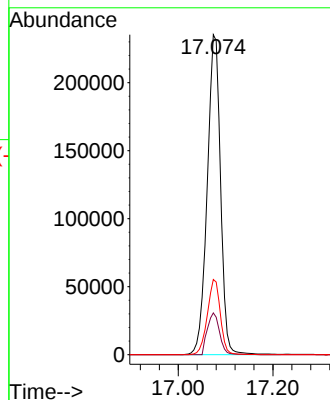
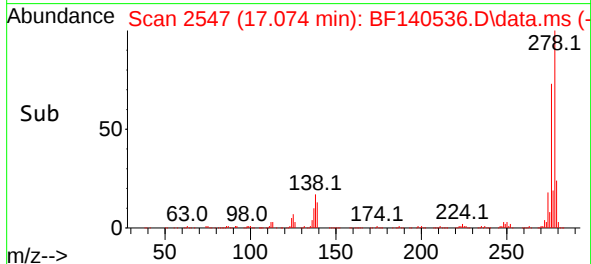


Tgt Ion:278 Resp: 459740
Ion Ratio Lower Upper
278 100
139 13.0 10.2 15.4
279 23.5 18.9 28.3

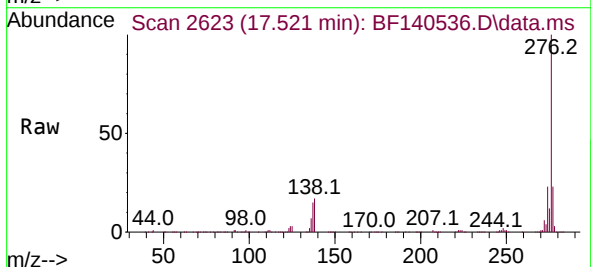
Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 11/22/2024
Supervised By :mohammad ahmed 11/27/2024



#92
Benzo(g,h,i)perylene
Concen: 39.591 ng
RT: 17.521 min Scan# 2623
Delta R.T. 0.012 min
Lab File: BF140536.D
Acq: 21 Nov 2024 15:07



Tgt Ion:276 Resp: 463747
Ion Ratio Lower Upper
276 100
277 23.5 18.9 28.3
138 17.1 13.2 19.8

