

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF050724\
 Data File : BF137845.D
 Acq On : 07 May 2024 14:01
 Operator : CG\JU
 Sample : PB160756BS
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB160756BS

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 05/08/2024
 Supervised By :mohammad ahmed 05/08/2024

Quant Time: May 07 14:22:53 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF043024.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed May 01 03:25:08 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.051	152	163828	20.000	ng	0.00
21) Naphthalene-d8	8.339	136	658232	20.000	ng	0.00
39) Acenaphthene-d10	10.104	164	373236	20.000	ng	0.00
64) Phenanthrene-d10	11.598	188	630555	20.000	ng	# 0.00
76) Chrysene-d12	14.251	240	378405	20.000	ng	# 0.00
86) Perylene-d12	15.815	264	311638	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.687	112	1193879	122.012	ng	0.01
7) Phenol-d6	6.675	99	1470749	118.501	ng	0.00
23) Nitrobenzene-d5	7.616	82	947654	83.644	ng	0.00
42) 2,4,6-Tribromophenol	10.898	330	511668	134.267	ng	0.00
45) 2-Fluorobiphenyl	9.416	172	1992599	86.613	ng	0.00
79) Terphenyl-d14	13.186	244	2183909	96.720	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.093	88	147379	33.448	ng	96
3) Pyridine	3.816	79	364113	34.144	ng	97
4) n-Nitrosodimethylamine	3.787	42	192720	40.132	ng	98
6) Aniline	6.716	93	390589m	31.752	ng	
8) 2-Chlorophenol	6.834	128	493896	46.316	ng	99
9) Benzaldehyde	6.610	77	474792	71.037	ng	98
10) Phenol	6.687	94	543306	42.721	ng	97
11) bis(2-Chloroethyl)ether	6.787	93	432638	43.447	ng	98
12) 1,3-Dichlorobenzene	6.992	146	508428	42.281	ng	99
13) 1,4-Dichlorobenzene	7.069	146	520123	43.107	ng	99
14) 1,2-Dichlorobenzene	7.222	146	498454	43.861	ng	99
15) Benzyl Alcohol	7.192	79	403328	46.992	ng	99
16) 2,2'-oxybis(1-Chloropr...	7.316	45	554098	39.588	ng	96
17) 2-Methylphenol	7.292	107	391669	45.520	ng	98
18) Hexachloroethane	7.563	117	181214	44.426	ng	96
19) n-Nitroso-di-n-propyla...	7.463	70	321043	43.284	ng	97
20) 3+4-Methylphenols	7.445	107	494001	43.638	ng	# 89
22) Acetophenone	7.463	105	660554	44.620	ng	98
24) Nitrobenzene	7.634	77	493323	42.248	ng	98
25) Isophorone	7.869	82	914729	44.780	ng	100
26) 2-Nitrophenol	7.951	139	265440	50.198	ng	95
27) 2,4-Dimethylphenol	7.975	122	367338	48.254	ng	96
28) bis(2-Chloroethoxy)met...	8.075	93	545030	44.067	ng	99
29) 2,4-Dichlorophenol	8.186	162	429341	46.660	ng	99
30) 1,2,4-Trichlorobenzene	8.275	180	444028	44.266	ng	99
31) Naphthalene	8.363	128	1440938	44.050	ng	100
32) Benzoic acid	8.098	122	322872	49.163	ng	93
33) 4-Chloroaniline	8.398	127	201810	16.637	ng	99
34) Hexachlorobutadiene	8.469	225	274549	44.581	ng	99
35) Caprolactam	8.781	113	133679m	45.853	ng	
36) 4-Chloro-3-methylphenol	8.880	107	449647	46.860	ng	95
37) 2-Methylnaphthalene	9.051	142	956234	45.160	ng	100
38) 1-Methylnaphthalene	9.151	142	882195	42.349	ng	98
40) 1,2,4,5-Tetrachloroben...	9.216	216	453507	45.877	ng	99
41) Hexachlorocyclopentadiene	9.204	237	528254	131.564	ng	100
43) 2,4,6-Trichlorophenol	9.328	196	318554	47.340	ng	99

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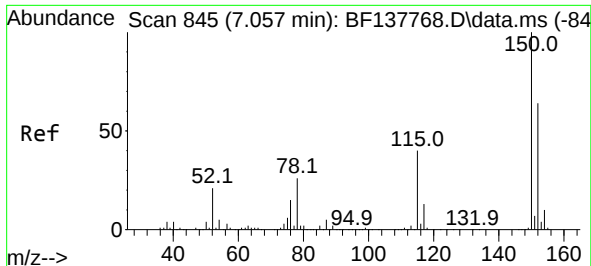
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.369	196	334934	45.078	ng	98
46) 1,1'-Biphenyl	9.516	154	1178285	46.001	ng	99
47) 2-Chloronaphthalene	9.545	162	906244	43.823	ng	98
48) 2-Nitroaniline	9.639	65	260906	46.519	ng	96
49) Acenaphthylene	9.963	152	1457547	48.723	ng	100
50) Dimethylphthalate	9.816	163	1111223	47.162	ng	100
51) 2,6-Dinitrotoluene	9.880	165	244926	45.486	ng	94
52) Acenaphthene	10.139	154	980789	49.463	ng	99
53) 3-Nitroaniline	10.051	138	171718	30.453	ng	96
54) 2,4-Dinitrophenol	10.157	184	269387	101.817	ng	# 85
55) Dibenzofuran	10.310	168	1302035	45.122	ng	98
56) 4-Nitrophenol	10.204	139	398897	85.353	ng	90
57) 2,4-Dinitrotoluene	10.286	165	332675	47.291	ng	98
58) Fluorene	10.651	166	1018657	44.357	ng	99
59) 2,3,4,6-Tetrachlorophenol	10.422	232	278345	46.143	ng	96
60) Diethylphthalate	10.516	149	1054929	47.141	ng	99
61) 4-Chlorophenyl-phenyle...	10.639	204	507061	44.811	ng	94
62) 4-Nitroaniline	10.674	138	236586	41.365	ng	92
63) Azobenzene	10.804	77	961684	44.464	ng	96
65) 4,6-Dinitro-2-methylph...	10.692	198	187801	51.891	ng	98
66) n-Nitrosodiphenylamine	10.763	169	890993	47.205	ng	99
67) 4-Bromophenyl-phenylether	11.133	248	323094	47.878	ng	95
68) Hexachlorobenzene	11.204	284	348270	47.226	ng	# 91
69) Atrazine	11.286	200	303980	52.819	ng	99
70) Pentachlorophenol	11.392	266	427272	84.391	ng	99
71) Phenanthrene	11.621	178	1418618	46.158	ng	99
72) Anthracene	11.674	178	1451631	47.470	ng	99
73) Carbazole	11.827	167	1280621	43.452	ng	99
74) Di-n-butylphthalate	12.145	149	1574828	48.985	ng	100
75) Fluoranthene	12.816	202	1457867	43.394	ng	99
77) Benzidine	12.927	184	164520	18.799	ng	99
78) Pyrene	13.051	202	1457026	48.563	ng	100
80) Butylbenzylphthalate	13.651	149	562157	59.054	ng	99
81) Benzo(a)anthracene	14.239	228	1140460	47.122	ng	99
82) 3,3'-Dichlorobenzidine	14.192	252	255838	35.310	ng	98
83) Chrysene	14.274	228	1068646	47.157	ng	99
84) Bis(2-ethylhexyl)phtha...	14.204	149	739948	61.677	ng	100
85) Di-n-octyl phthalate	14.833	149	1022347	63.319	ng	97
87) Indeno(1,2,3-cd)pyrene	17.462	276	928820	52.424	ng	98
88) Benzo(b)fluoranthene	15.345	252	926759	47.798	ng	100
89) Benzo(k)fluoranthene	15.380	252	853532	45.545	ng	98
90) Benzo(a)pyrene	15.751	252	796061	50.325	ng	99
91) Dibenzo(a,h)anthracene	17.480	278	759598	52.671	ng	99
92) Benzo(g,h,i)perylene	17.962	276	714067	47.232	ng	98

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



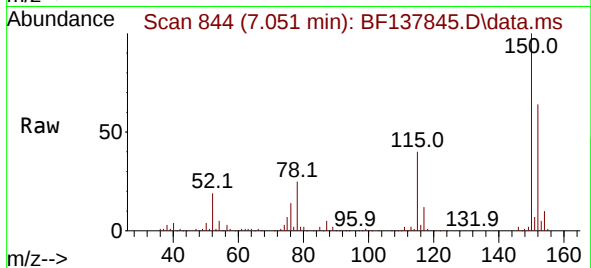
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.051 min Scan# 84
Delta R.T. -0.006 min
Lab File: BF137845.D
Acq: 07 May 2024 14:01

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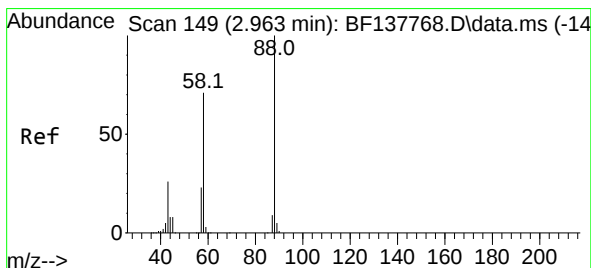
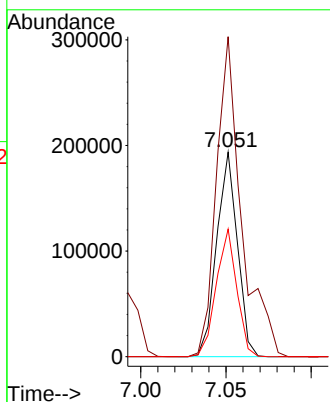
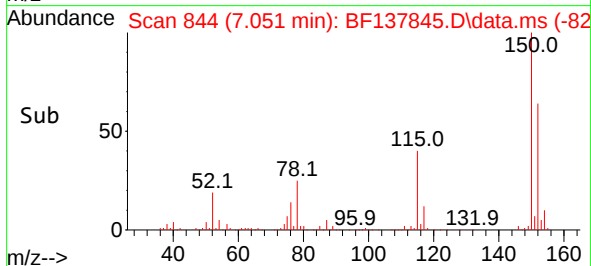
Tgt Ion:152 Resp: 163828
Ion Ratio Lower Upper
152 100
150 156.5 124.1 186.1
115 62.4 49.1 73.7

Manual Integrations

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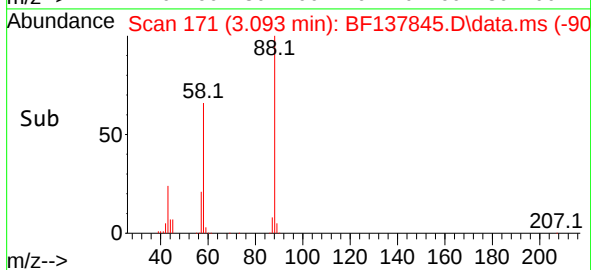
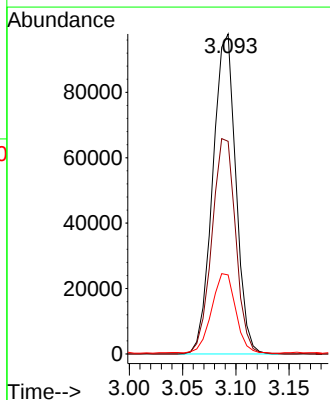
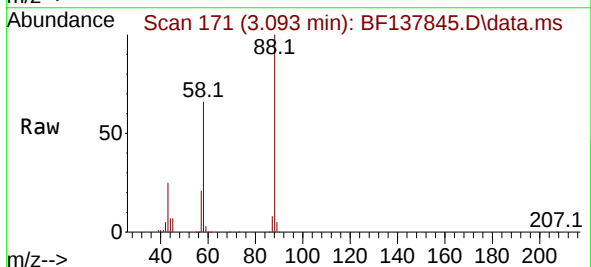
Reviewed By :Yogesh Patel 05/08/2024

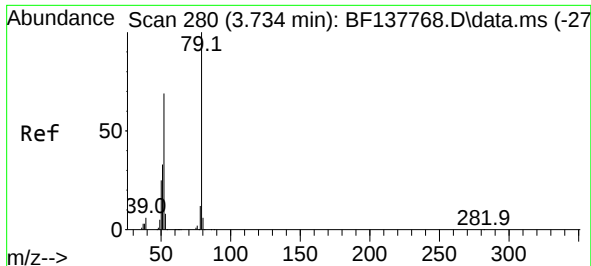
Supervised By :mohammad ahmed 05/08/2024



#2
1,4-Dioxane
Concen: 33.448 ng
RT: 3.093 min Scan# 171
Delta R.T. 0.129 min
Lab File: BF137845.D
Acq: 07 May 2024 14:01

Tgt Ion: 88 Resp: 147379
Ion Ratio Lower Upper
88 100
58 69.5 58.8 88.2
43 26.3 21.4 32.0





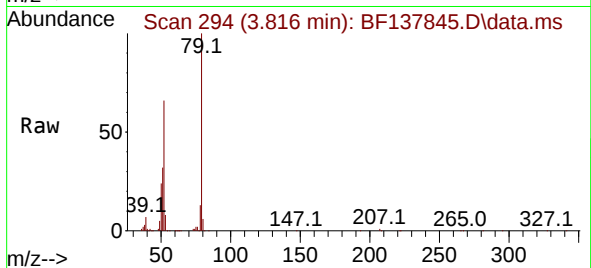
#3
Pyridine
Concen: 34.144 ng
RT: 3.816 min Scan# 294
Delta R.T. 0.082 min
Lab File: BF137845.D
Acq: 07 May 2024 14:01

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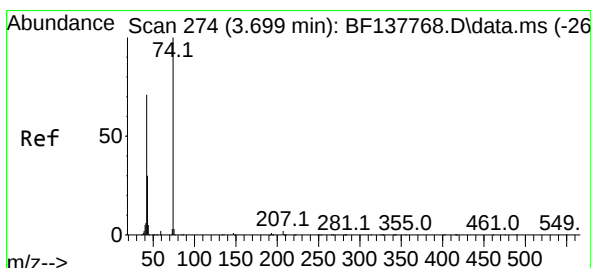
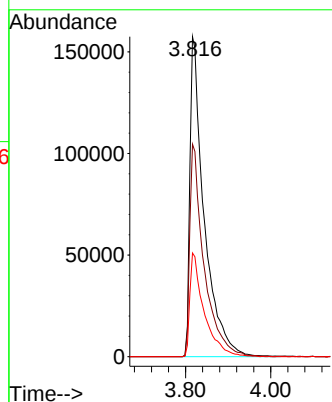
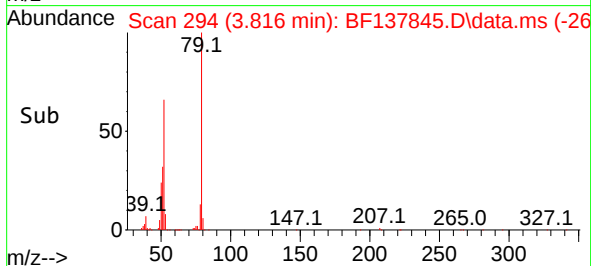
Tgt Ion: 79 Resp: 36411
Ion Ratio Lower Upper
79 100
52 66.4 55.5 83.3
51 32.4 26.9 40.3

Manual Integrations

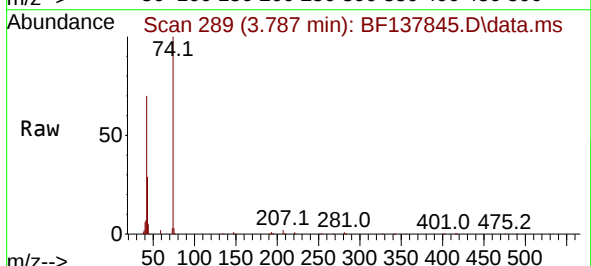
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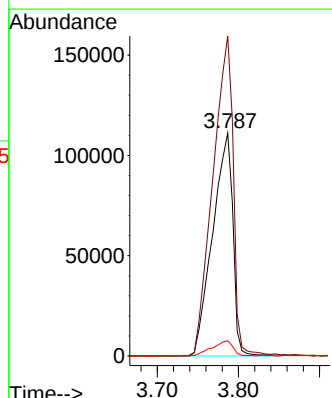
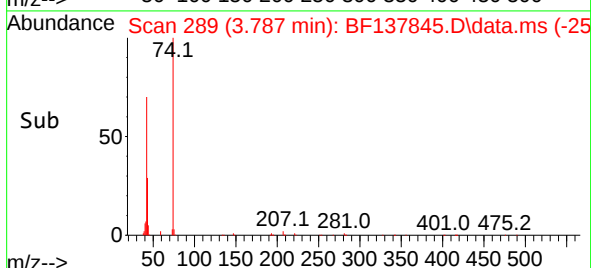
Supervised By :mohammad ahmed 05/08/2024

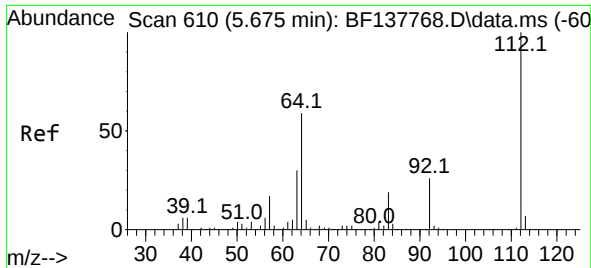


#4
n-Nitrosodimethylamine
Concen: 40.132 ng
RT: 3.787 min Scan# 289
Delta R.T. 0.088 min
Lab File: BF137845.D
Acq: 07 May 2024 14:01



Tgt Ion: 42 Resp: 192720
Ion Ratio Lower Upper
42 100
74 143.6 112.9 169.3
44 6.9 5.6 8.4





#5
2-Fluorophenol
Concen: 122.012 ng
RT: 5.687 min Scan# 610
Delta R.T. 0.012 min
Lab File: BF137845.D
Acq: 07 May 2024 14:01

Instrument :

BNA_F

ClientSampleId :

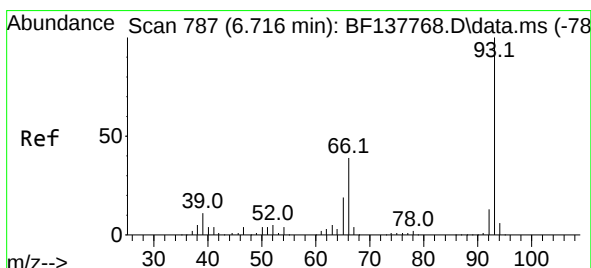
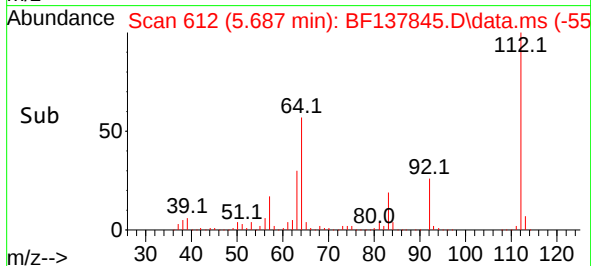
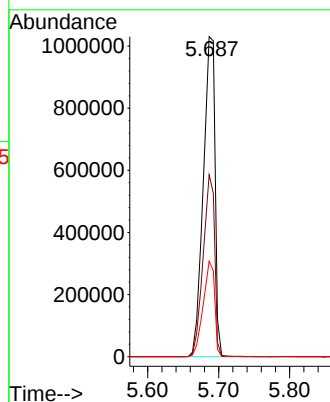
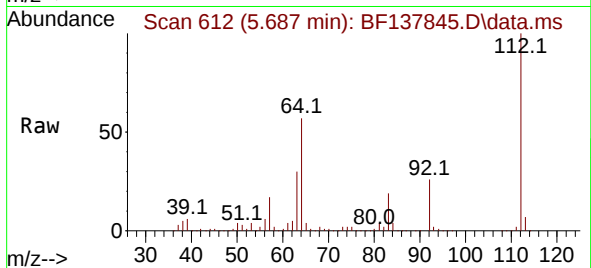
PB160756BS

Tgt Ion:112 Resp: 1193879
Ion Ratio Lower Upper
112 100
64 56.9 47.3 70.9
63 29.8 23.7 35.5

Manual Integrations

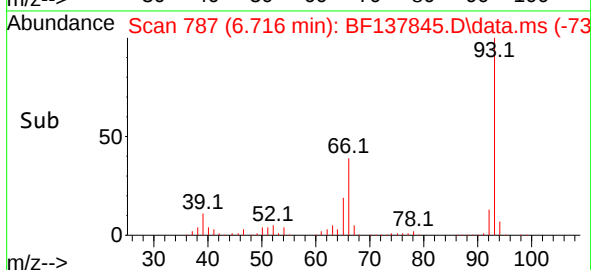
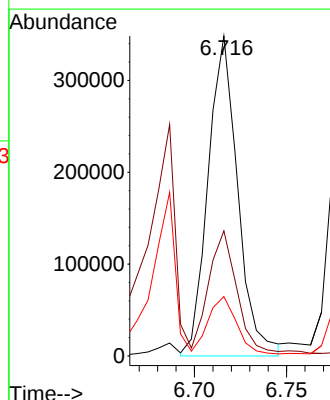
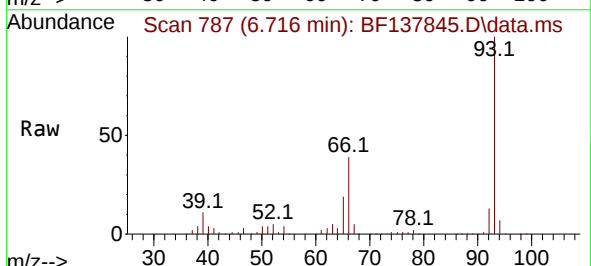
APPROVED

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Supervised By :mohammad ahmed 05/08/2024



#6
Aniline
Concen: 31.752 ng m
RT: 6.716 min Scan# 787
Delta R.T. -0.000 min
Lab File: BF137845.D
Acq: 07 May 2024 14:01

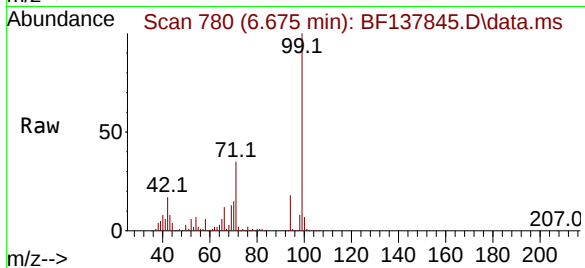
Tgt Ion: 93 Resp: 390589
Ion Ratio Lower Upper
93 100
66 39.1 31.8 47.6
65 18.6 15.4 23.2





#7
Phenol-d6
Concen: 118.501 ng
RT: 6.675 min Scan# 71
Delta R.T. -0.000 min
Lab File: BF137845.D
Acq: 07 May 2024 14:01

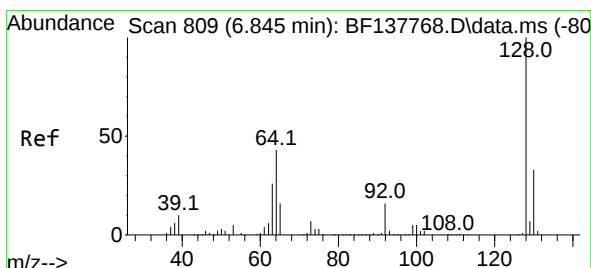
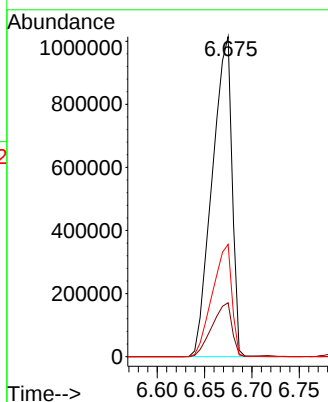
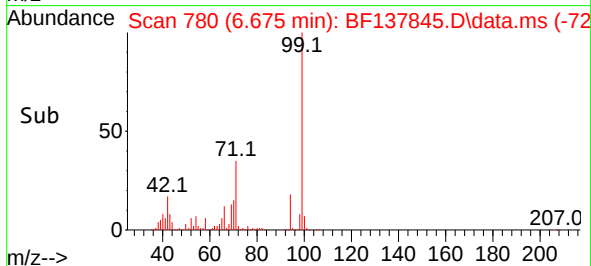
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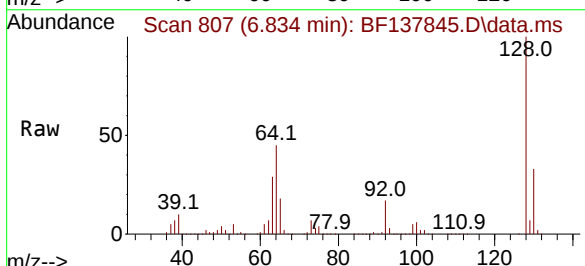
Tgt Ion: 99 Resp: 1470749
Ion Ratio Lower Upper
99 100
42 16.9 13.2 19.8
71 35.1 25.0 37.4

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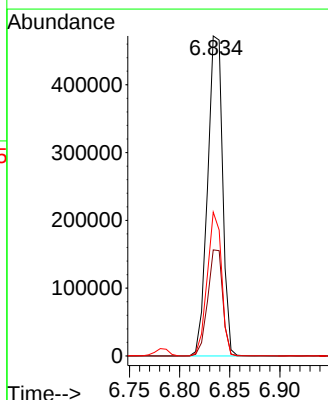
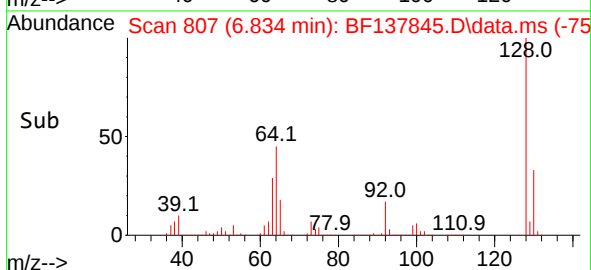
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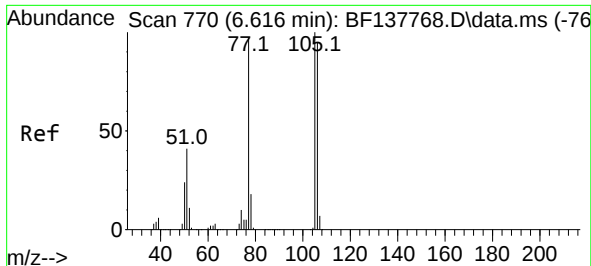


#8
2-Chlorophenol
Concen: 46.316 ng
RT: 6.834 min Scan# 807
Delta R.T. -0.012 min
Lab File: BF137845.D
Acq: 07 May 2024 14:01



Tgt Ion:128 Resp: 493896
Ion Ratio Lower Upper
128 100
130 33.2 12.5 52.5
64 44.9 23.9 63.9





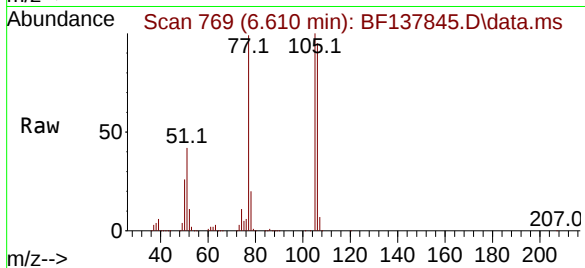
#9
Benzaldehyde
Concen: 71.037 ng
RT: 6.610 min Scan# 770
Delta R.T. -0.006 min
Lab File: BF137845.D
Acq: 07 May 2024 14:01

Instrument :

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ClientSampleId :

PB160756BS



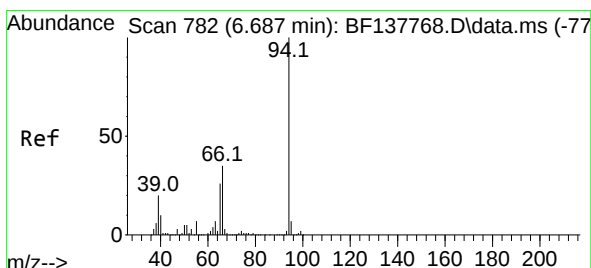
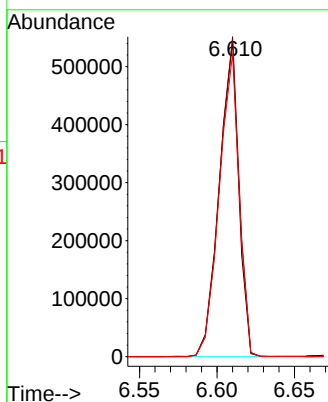
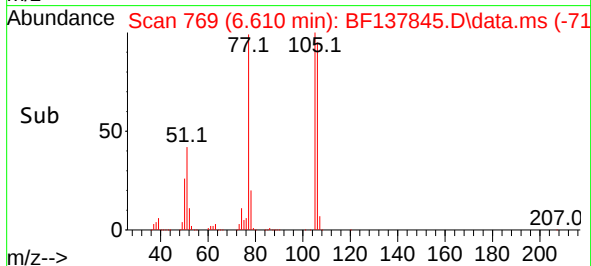
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Ion Ratio Lower Upper
77 100
105 101.4 83.2 123.2
106 96.0 77.7 117.7

Manual Integrations

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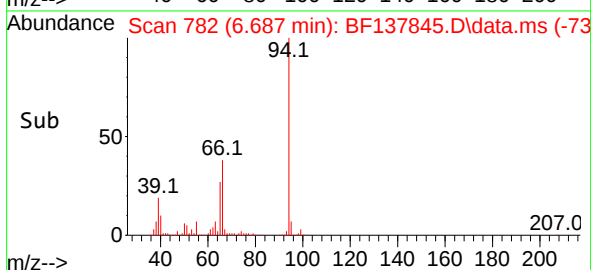
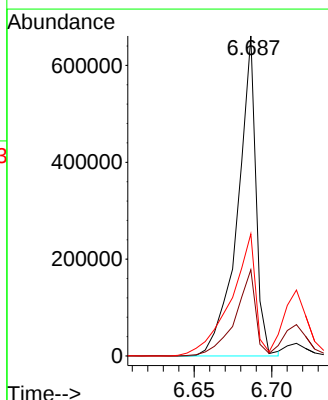
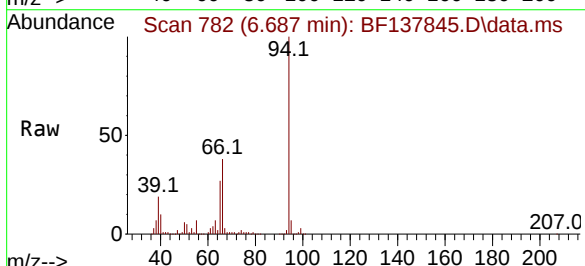
Reviewed By :Yogesh Patel 05/08/2024

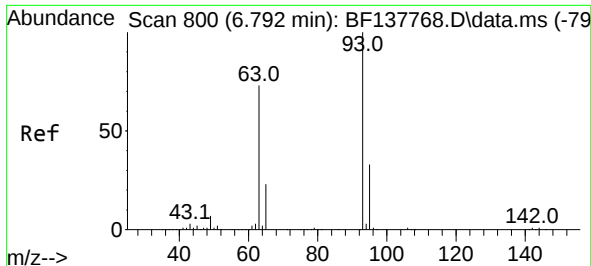
Supervised By :mohammad ahmed 05/08/2024



#10
Phenol
Concen: 42.721 ng
RT: 6.687 min Scan# 782
Delta R.T. -0.000 min
Lab File: BF137845.D
Acq: 07 May 2024 14:01

Tgt Ion: 94 Resp: 543306
Ion Ratio Lower Upper
94 100
65 27.0 6.4 46.4
66 38.1 15.4 55.4





#11
bis(2-Chloroethyl)ether
Concen: 43.447 ng
RT: 6.787 min Scan# 799
Delta R.T. -0.006 min
Lab File: BF137845.D
Acq: 07 May 2024 14:01

Instrument :

BNA_F

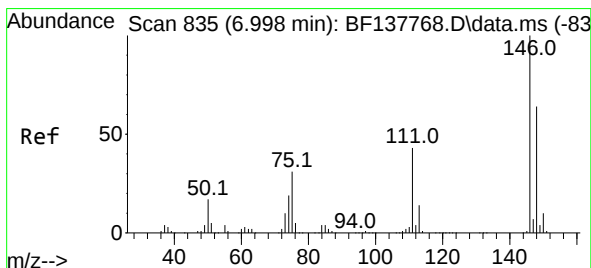
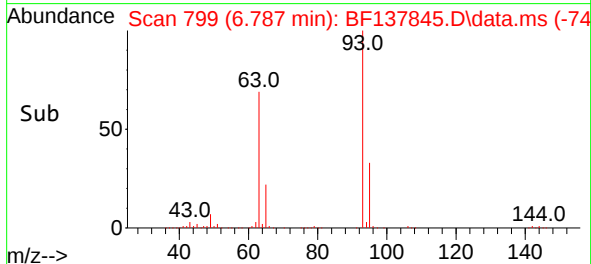
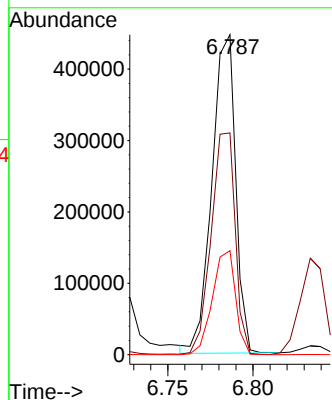
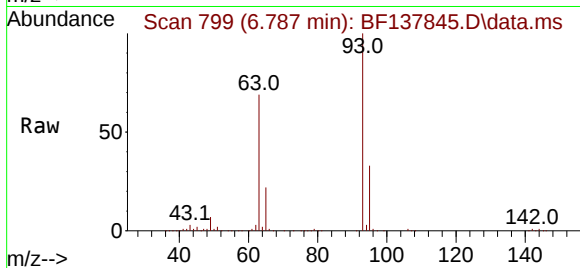
ClientSampleId :

PB160756BS

Tgt Ion: 93 Resp: 432638
Ion Ratio Lower Upper
93 100
63 69.3 51.6 91.6
95 32.5 12.1 52.1

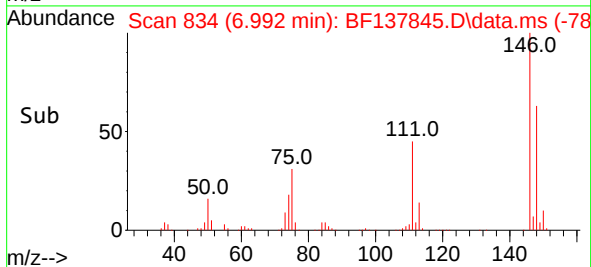
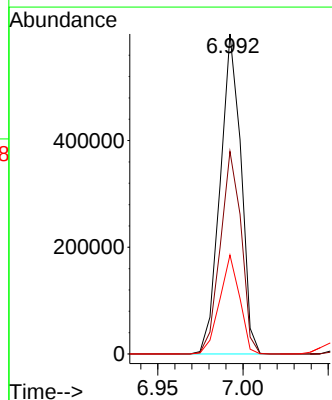
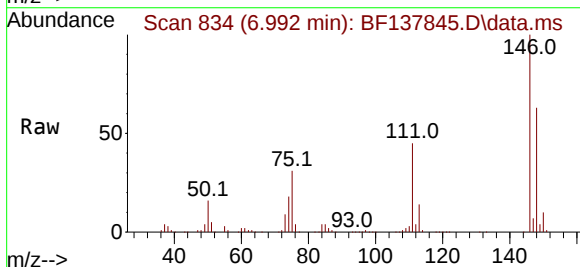
Manual Integrations
APPROVED

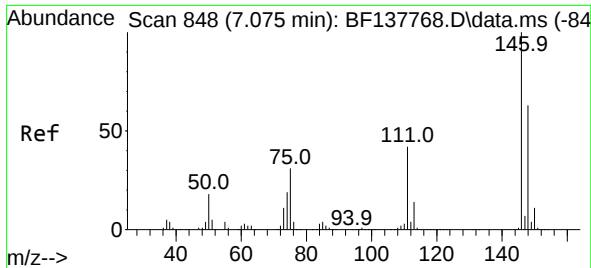
Reviewed By :Yogesh Patel 05/08/2024
Supervised By :mohammad ahmed 05/08/2024



#12
1,3-Dichlorobenzene
Concen: 42.281 ng
RT: 6.992 min Scan# 834
Delta R.T. -0.006 min
Lab File: BF137845.D
Acq: 07 May 2024 14:01

Tgt Ion:146 Resp: 508428
Ion Ratio Lower Upper
146 100
148 63.3 51.2 76.8
75 30.9 25.1 37.7





#13
1,4-Dichlorobenzene
Concen: 43.107 ng
RT: 7.069 min Scan# 847
Delta R.T. -0.006 min
Lab File: BF137845.D
Acq: 07 May 2024 14:01

Instrument :

BNA_F

ClientSampleId :

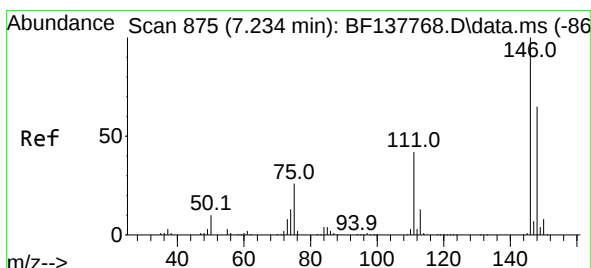
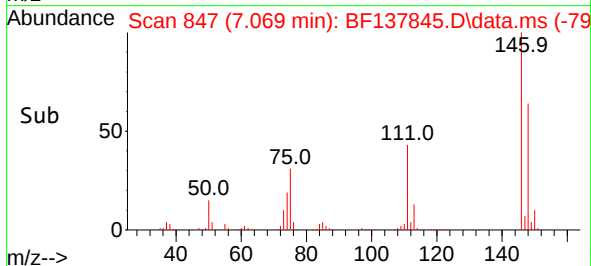
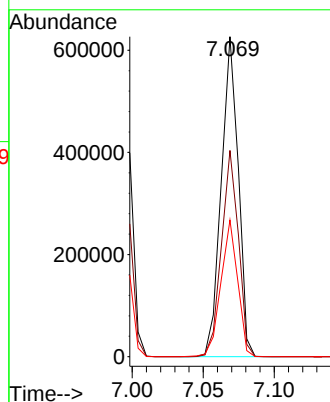
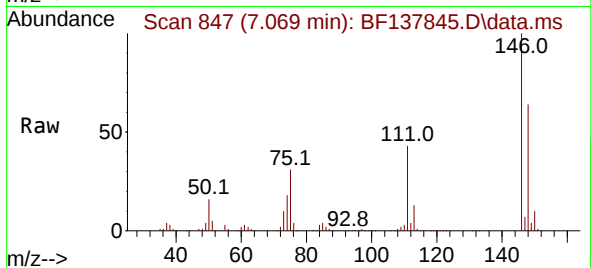
PB160756BS

Tgt Ion:146 Resp: 52012
Ion Ratio Lower Upper
146 100
148 64.5 50.7 76.1
111 42.7 33.8 50.8

Manual Integrations

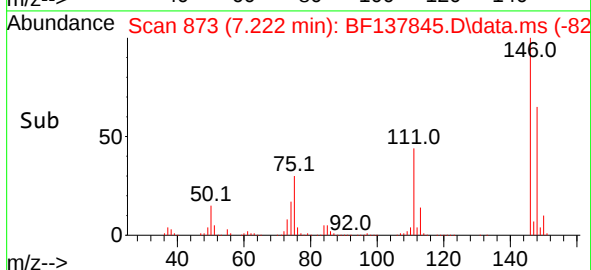
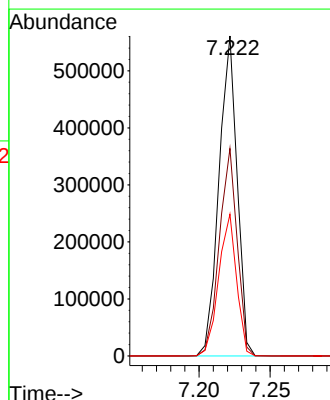
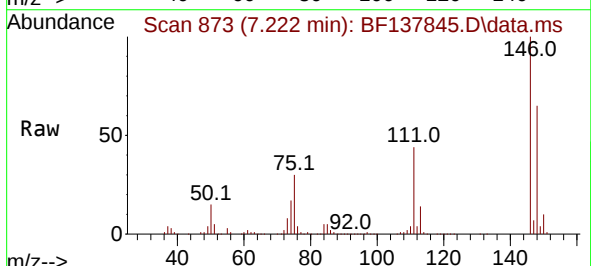
APPROVED

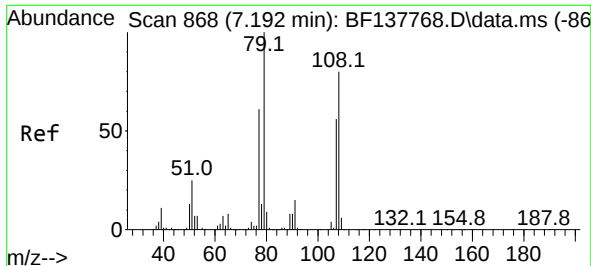
Reviewed By :Yogesh Patel 05/08/2024
Supervised By :mohammad ahmed 05/08/2024



#14
1,2-Dichlorobenzene
Concen: 43.861 ng
RT: 7.222 min Scan# 873
Delta R.T. -0.012 min
Lab File: BF137845.D
Acq: 07 May 2024 14:01

Tgt Ion:146 Resp: 498454
Ion Ratio Lower Upper
146 100
148 64.9 51.8 77.8
111 44.3 33.6 50.4





#15
Benzyl Alcohol
Concen: 46.992 ng
RT: 7.192 min Scan# 80
Delta R.T. -0.000 min
Lab File: BF137845.D
Acq: 07 May 2024 14:01

Instrument :

BNA_F

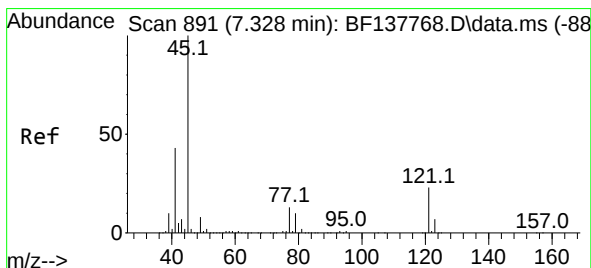
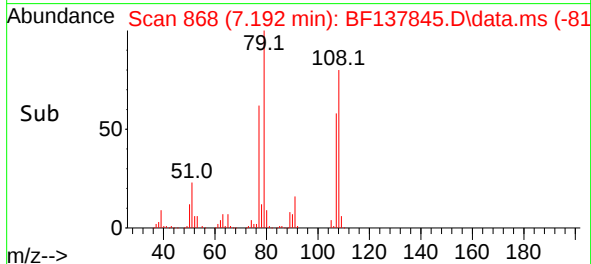
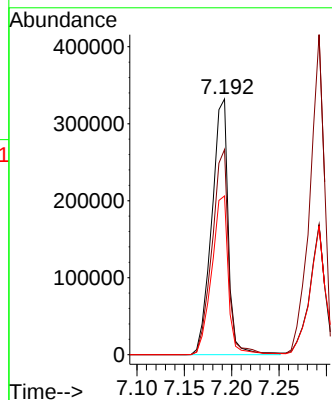
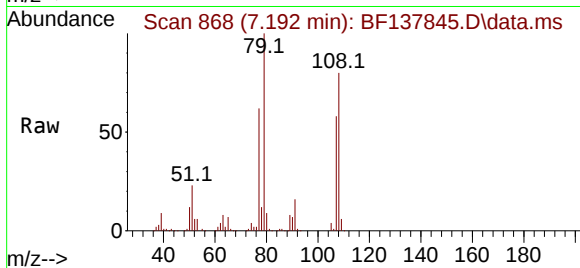
ClientSampleId :

PB160756BS

Tgt Ion: 79 Resp: 403328
Ion Ratio Lower Upper
79 100
108 80.2 64.2 96.2
77 62.1 48.5 72.7

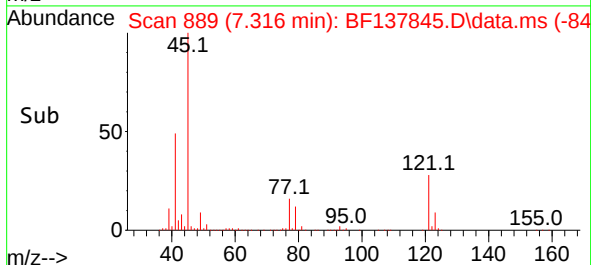
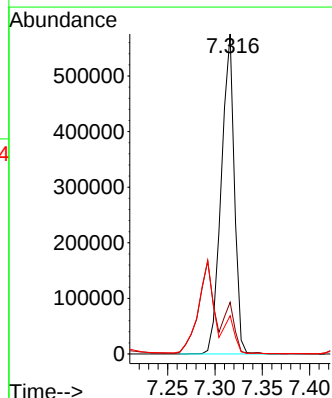
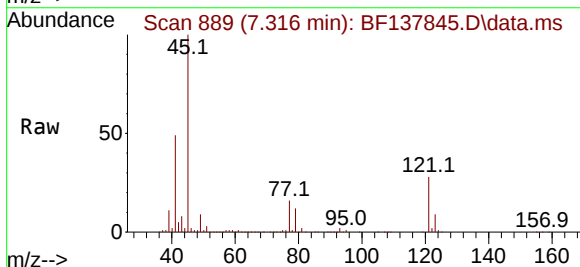
Manual Integrations
APPROVED

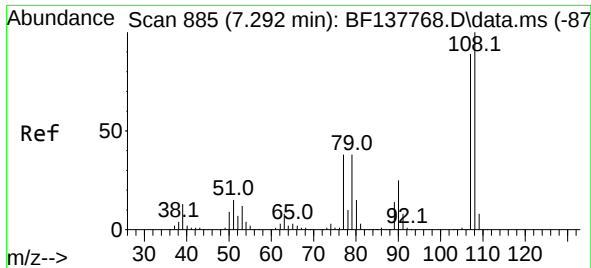
Reviewed By :Yogesh Patel 05/08/2024
Supervised By :mohammad ahmed 05/08/2024



#16
2,2'-oxybis(1-Chloropropane)
Concen: 39.588 ng
RT: 7.316 min Scan# 889
Delta R.T. -0.012 min
Lab File: BF137845.D
Acq: 07 May 2024 14:01

Tgt Ion: 45 Resp: 554098
Ion Ratio Lower Upper
45 100
77 16.2 0.0 33.8
79 11.9 0.0 31.0





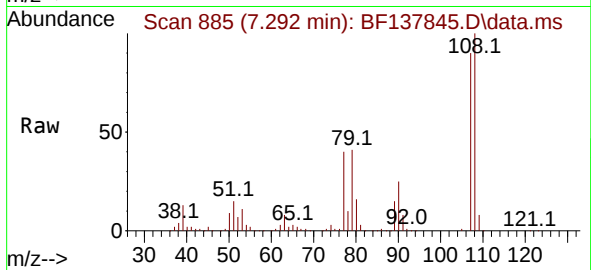
#17
2-Methylphenol
Concen: 45.520 ng
RT: 7.292 min Scan# 885
Delta R.T. -0.000 min
Lab File: BF137845.D
Acq: 07 May 2024 14:01

Instrument :

BNA_F

ClientSampleId :

PB160756BS

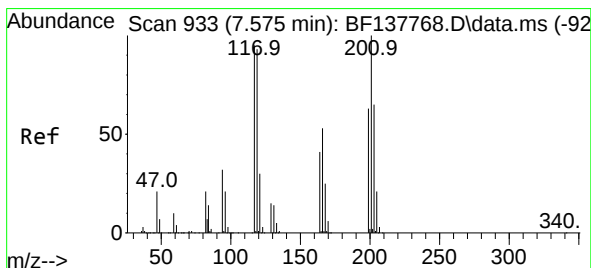
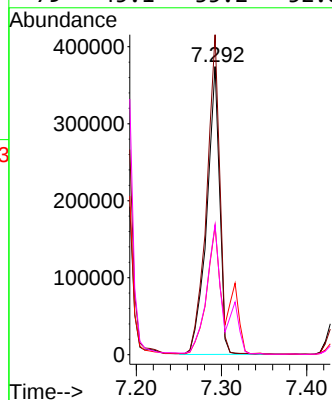
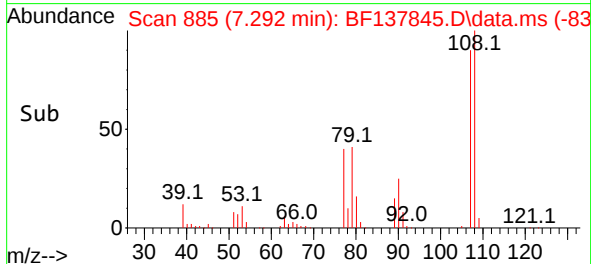


Tgt Ion:107 Resp: 391669
Ion Ratio Lower Upper
107 100
108 111.1 90.5 135.7
77 44.6 34.5 51.7
79 45.1 35.2 52.8

Manual Integrations

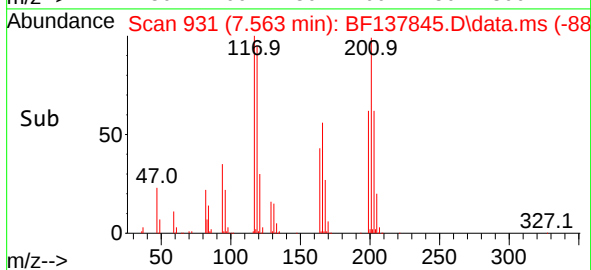
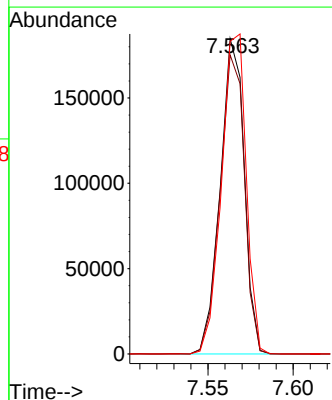
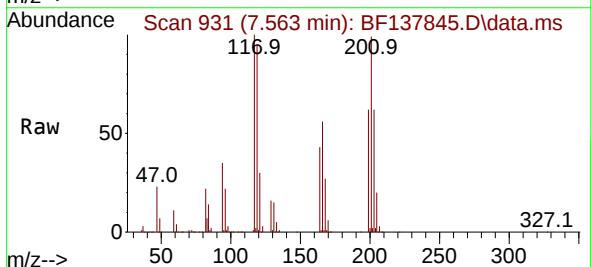
APPROVED

Reviewed By :Yogesh Patel 05/08/2024
Supervised By :mohammad ahmed 05/08/2024



#18
Hexachloroethane
Concen: 44.426 ng
RT: 7.563 min Scan# 931
Delta R.T. -0.012 min
Lab File: BF137845.D
Acq: 07 May 2024 14:01

Tgt Ion:117 Resp: 181214
Ion Ratio Lower Upper
117 100
119 94.8 77.6 116.4
201 99.1 83.8 125.8





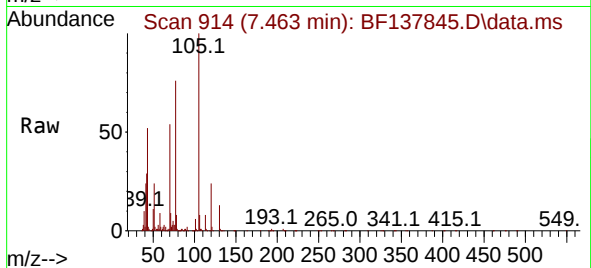
#19
n-Nitroso-di-n-propylamine
Concen: 43.284 ng
RT: 7.463 min Scan# 914
Delta R.T. -0.000 min
Lab File: BF137845.D
Acq: 07 May 2024 14:01

Instrument :

BNA_F

ClientSampleId :

PB160756BS



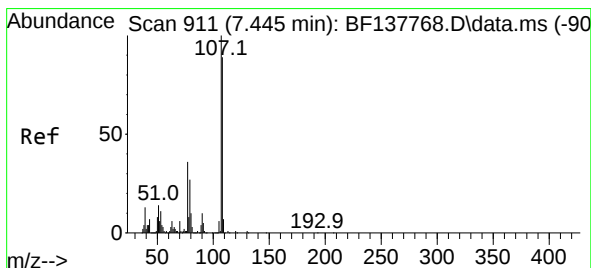
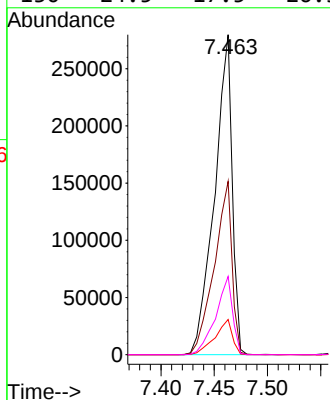
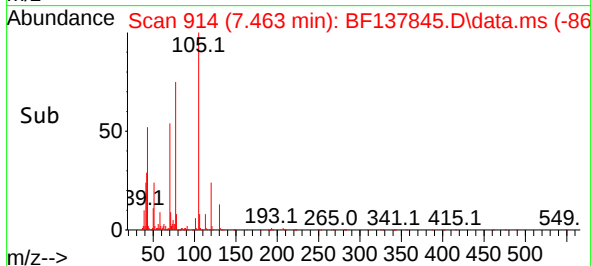
Tgt Ion: 70 Resp: 32104
Ion Ratio Lower Upper
70 100
42 54.1 44.6 66.8
101 11.0 7.8 11.6
130 24.5 17.5 26.3

Manual Integrations

APPROVED

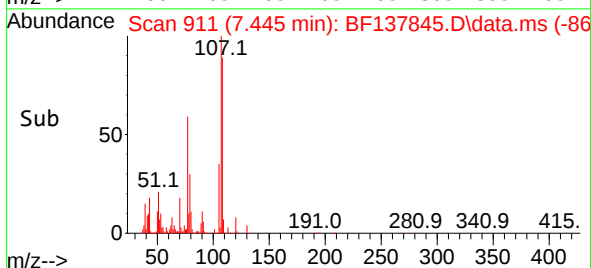
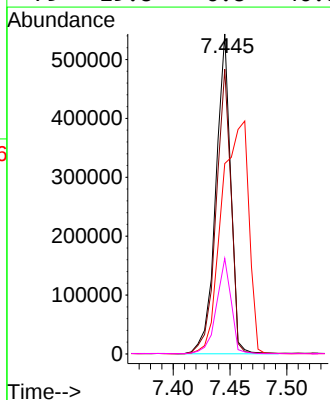
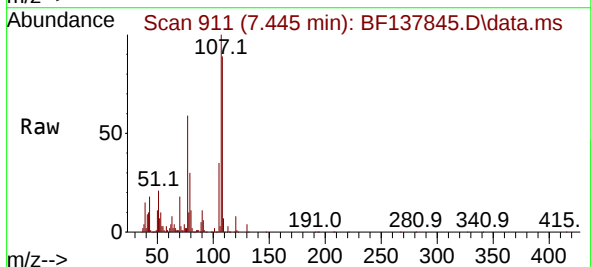
Reviewed By :Yogesh Patel 05/08/2024

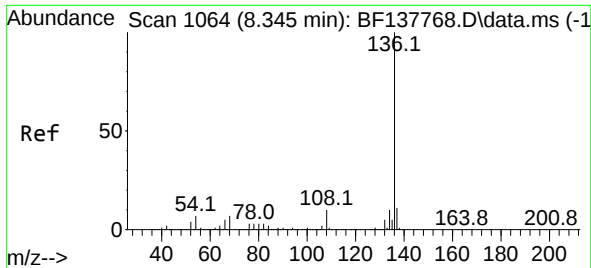
Supervised By :mohammad ahmed 05/08/2024



#20
3+4-Methylphenols
Concen: 43.638 ng
RT: 7.445 min Scan# 911
Delta R.T. -0.000 min
Lab File: BF137845.D
Acq: 07 May 2024 14:01

Tgt Ion:107 Resp: 494001
Ion Ratio Lower Upper
107 100
108 89.0 69.3 109.3
77 59.5 15.7 55.7#
79 29.8 6.8 46.8





#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.339 min Scan# 1063
Delta R.T. -0.006 min
Lab File: BF137845.D
Acq: 07 May 2024 14:01

Instrument :

BNA_F

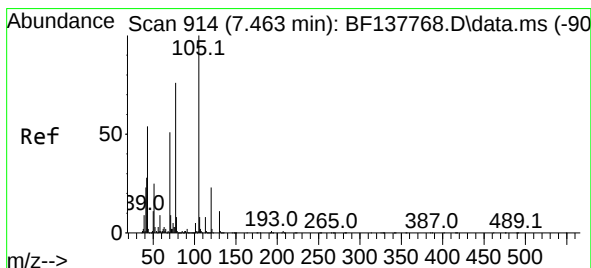
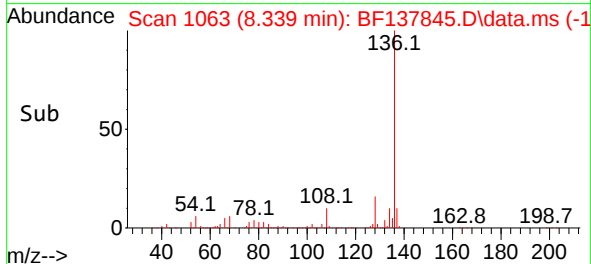
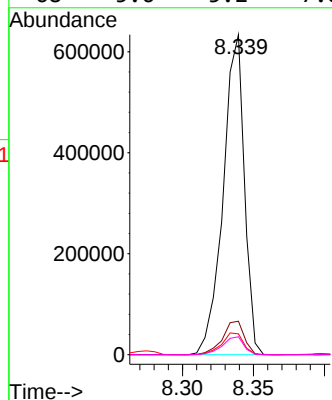
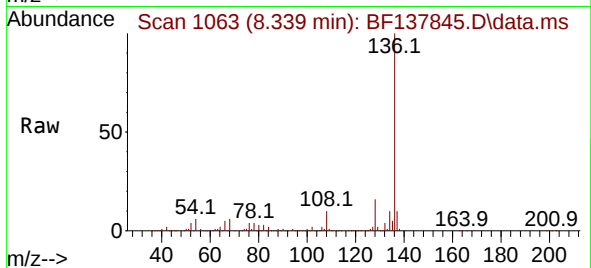
ClientSampleId :

PB160756BS

Tgt Ion:136 Resp: 65823
Ion Ratio Lower Upper
136 100
137 10.5 8.8 13.2
54 6.5 5.8 8.8
68 5.6 5.2 7.8

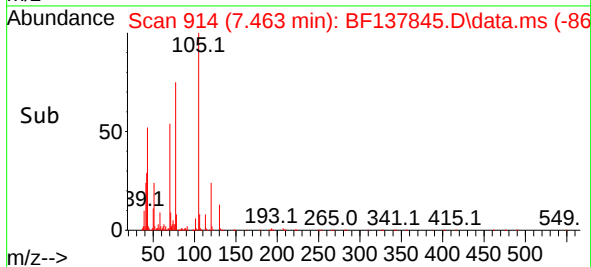
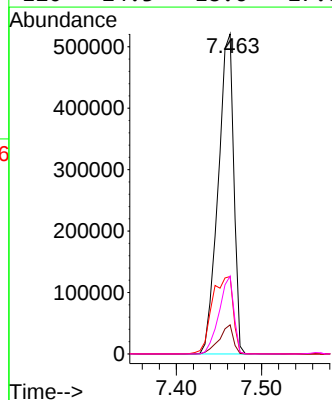
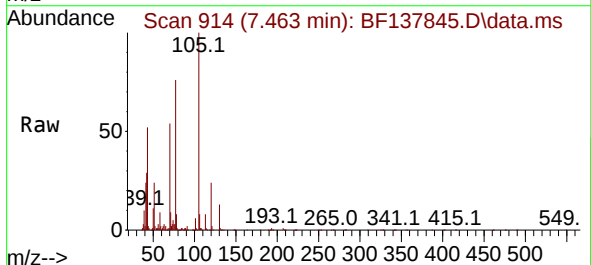
Manual Integrations
APPROVED

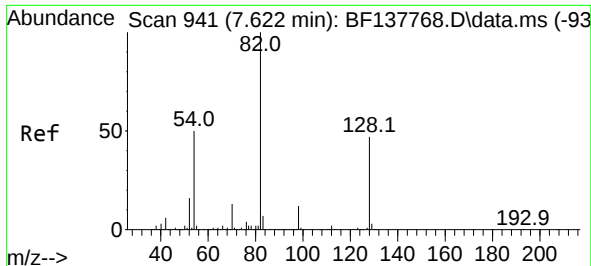
Reviewed By :Yogesh Patel 05/08/2024
Supervised By :mohammad ahmed 05/08/2024



#22
Acetophenone
Concen: 44.620 ng
RT: 7.463 min Scan# 914
Delta R.T. -0.000 min
Lab File: BF137845.D
Acq: 07 May 2024 14:01

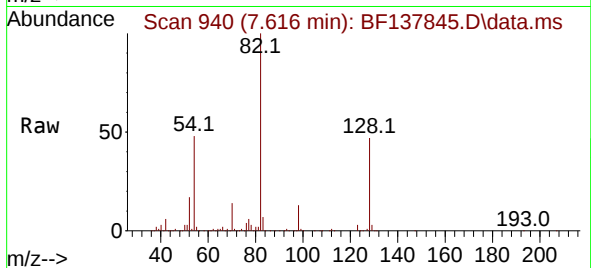
Tgt Ion:105 Resp: 660554
Ion Ratio Lower Upper
105 100
71 9.1 6.9 10.3
51 24.2 20.2 30.2
120 24.3 18.6 27.8





#23
Nitrobenzene-d5
Concen: 83.644 ng
RT: 7.616 min Scan# 941
Delta R.T. -0.006 min
Lab File: BF137845.D
Acq: 07 May 2024 14:01

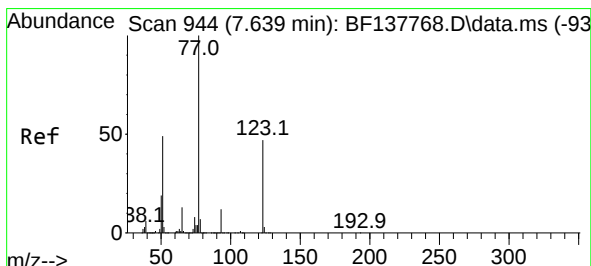
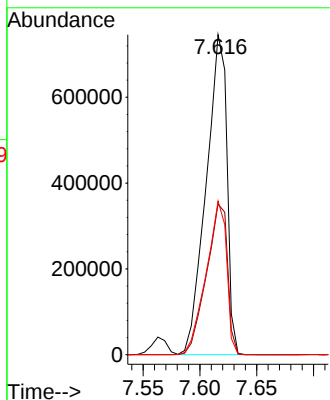
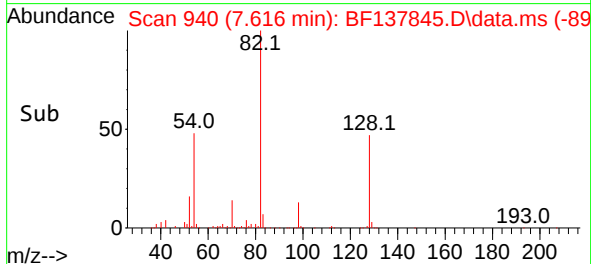
Instrument :
BNA_F
ClientSampleId :
PB160756BS



Tgt Ion: 82 Resp: 947654
Ion Ratio Lower Upper
82 100
128 47.1 37.5 56.3
54 48.0 39.8 59.6

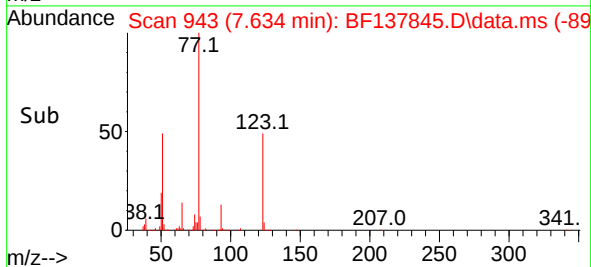
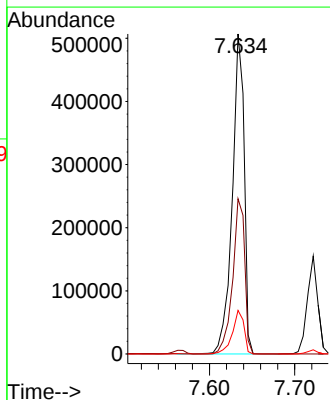
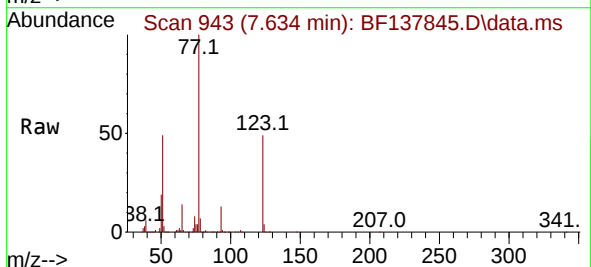
Manual Integrations
APPROVED

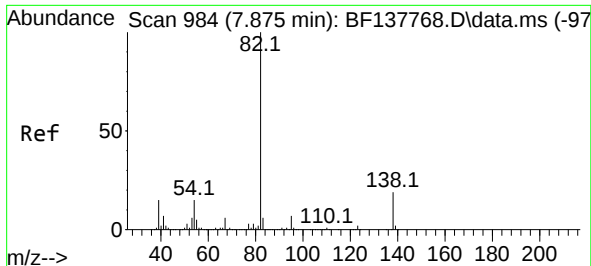
Reviewed By :Yogesh Patel 05/08/2024
Supervised By :mohammad ahmed 05/08/2024



#24
Nitrobenzene
Concen: 42.248 ng
RT: 7.634 min Scan# 943
Delta R.T. -0.006 min
Lab File: BF137845.D
Acq: 07 May 2024 14:01

Tgt Ion: 77 Resp: 493323
Ion Ratio Lower Upper
77 100
123 48.5 37.4 56.2
65 13.6 10.7 16.1





#25
Isophorone
Concen: 44.780 ng
RT: 7.869 min Scan# 91
Delta R.T. -0.006 min
Lab File: BF137845.D
Acq: 07 May 2024 14:01

Instrument :

BNA_F

ClientSampleId :

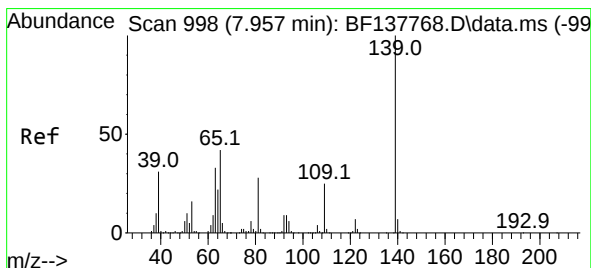
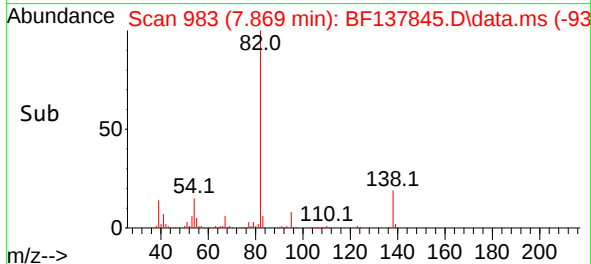
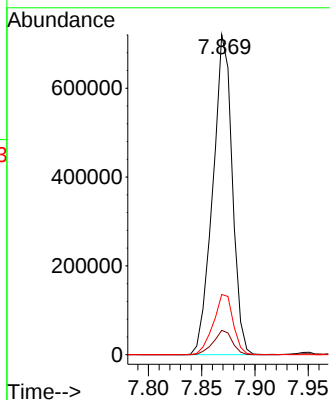
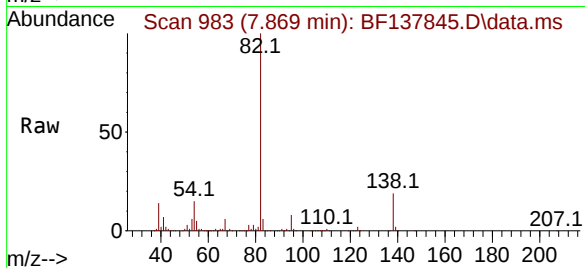
PB160756BS

Tgt Ion: 82 Resp: 914729
Ion Ratio Lower Upper
82 100
95 7.6 5.7 8.5
138 18.8 15.0 22.6

Manual Integrations

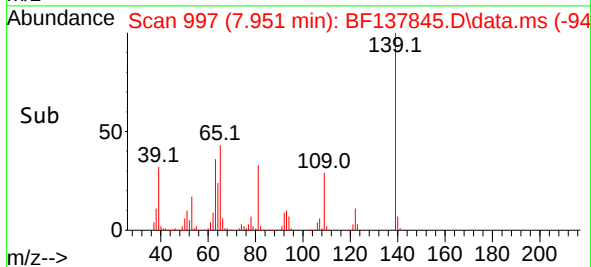
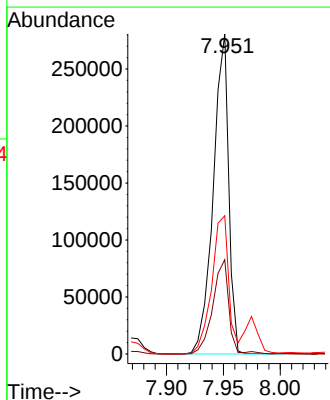
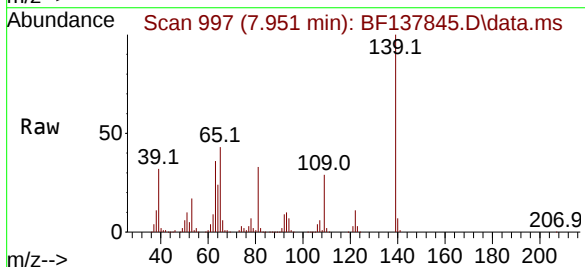
APPROVED

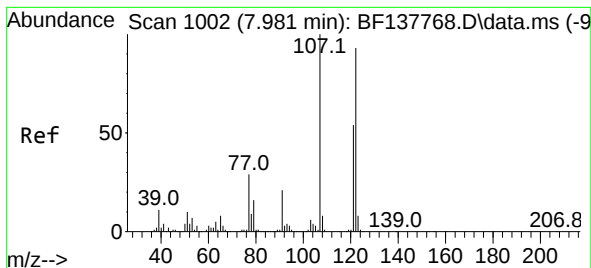
Reviewed By :Yogesh Patel 05/08/2024
Supervised By :mohammad ahmed 05/08/2024



#26
2-Nitrophenol
Concen: 50.198 ng
RT: 7.951 min Scan# 997
Delta R.T. -0.006 min
Lab File: BF137845.D
Acq: 07 May 2024 14:01

Tgt Ion:139 Resp: 265440
Ion Ratio Lower Upper
139 100
109 29.5 20.2 30.2
65 43.2 33.4 50.0





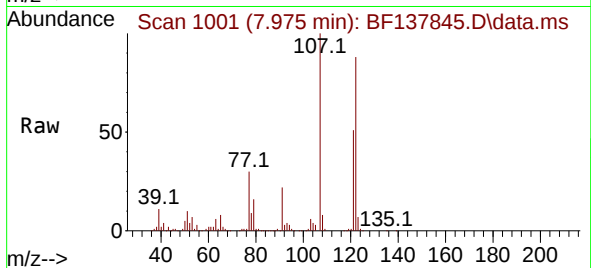
#27
2,4-Dimethylphenol
Concen: 48.254 ng
RT: 7.975 min Scan# 1001
Delta R.T. -0.006 min
Lab File: BF137845.D
Acq: 07 May 2024 14:01

Instrument :

BNA_F

ClientSampleId :

PB160756BS



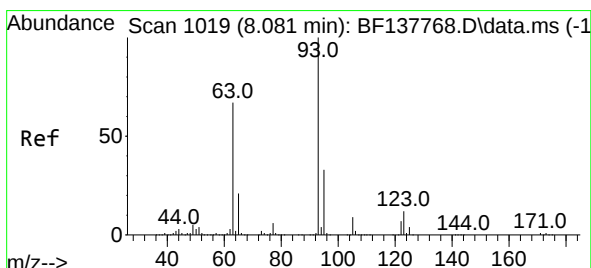
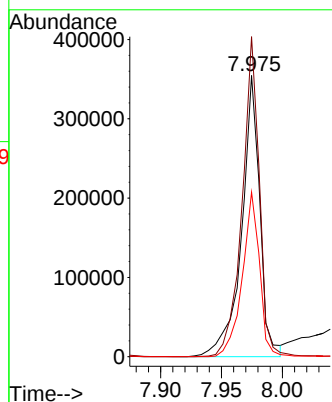
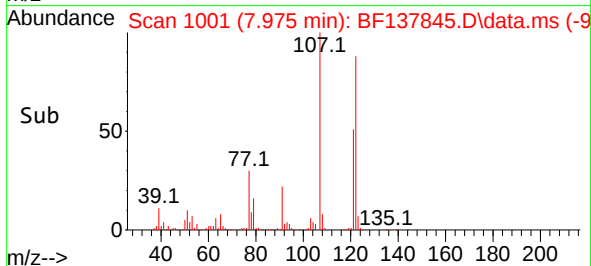
Tgt Ion:122 Resp: 367338
Ion Ratio Lower Upper
122 100
107 113.8 85.8 128.8
121 58.5 46.6 69.8

Manual Integrations

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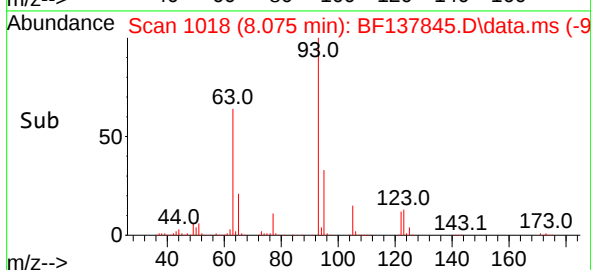
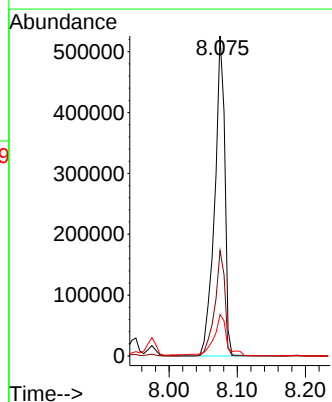
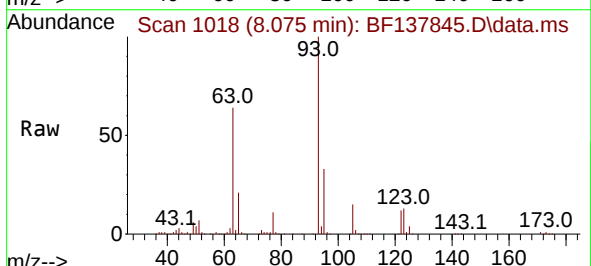
Reviewed By :Yogesh Patel 05/08/2024

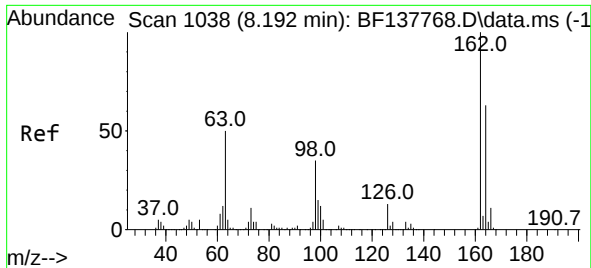
Supervised By :mohammad ahmed 05/08/2024



#28
bis(2-Chloroethoxy)methane
Concen: 44.067 ng
RT: 8.075 min Scan# 1018
Delta R.T. -0.006 min
Lab File: BF137845.D
Acq: 07 May 2024 14:01

Tgt Ion: 93 Resp: 545030
Ion Ratio Lower Upper
93 100
95 32.9 26.1 39.1
123 13.0 10.2 15.4





#29

2,4-Dichlorophenol

Concen: 46.660 ng

RT: 8.186 min Scan# 1037

Delta R.T. -0.006 min

Lab File: BF137845.D

Acq: 07 May 2024 14:01

Instrument :

BNA_F

ClientSampleId :

PB160756BS

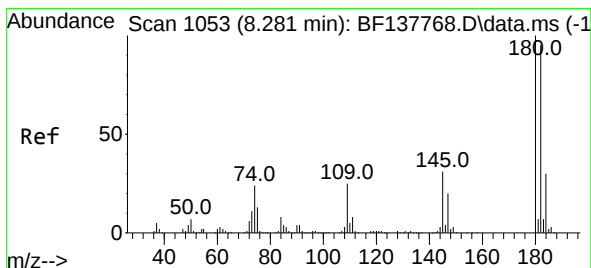
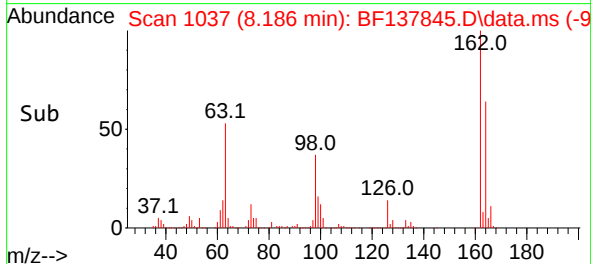
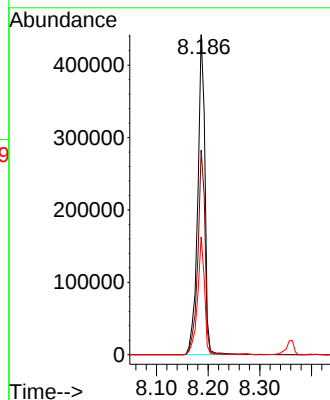
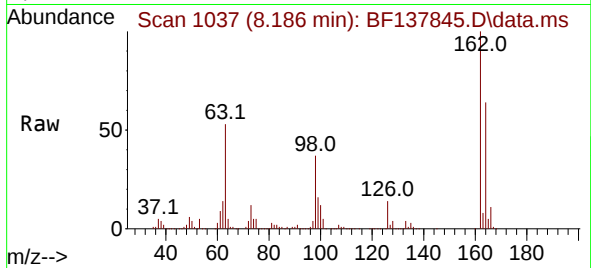
Tgt Ion:162 Resp: 42934
 Ion Ratio Lower Upper
 162 100
 164 63.9 43.5 83.5
 98 36.8 15.1 55.1

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 05/08/2024

Supervised By :mohammad ahmed 05/08/2024



#30

1,2,4-Trichlorobenzene

Concen: 44.266 ng

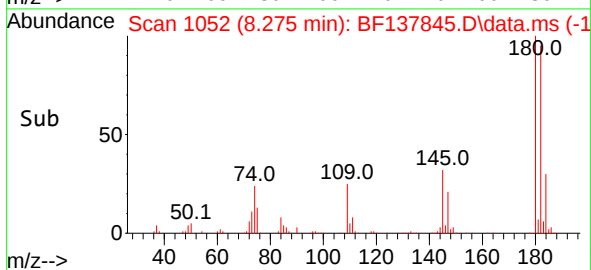
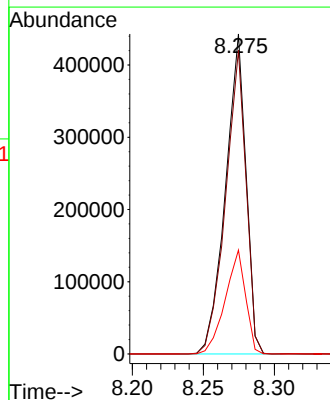
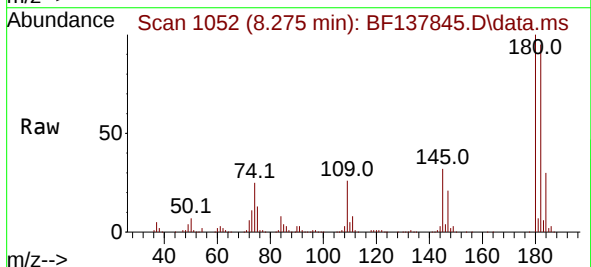
RT: 8.275 min Scan# 1052

Delta R.T. -0.006 min

Lab File: BF137845.D

Acq: 07 May 2024 14:01

Tgt Ion:180 Resp: 444028
 Ion Ratio Lower Upper
 180 100
 182 94.9 76.2 114.2
 145 32.4 25.1 37.7





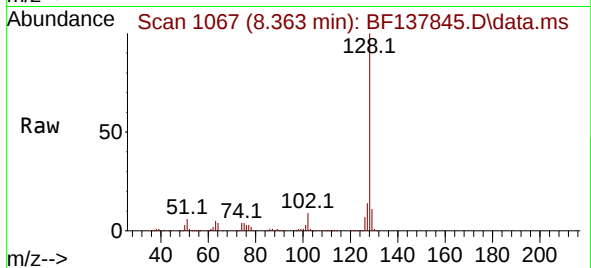
#31
Naphthalene
Concen: 44.050 ng
RT: 8.363 min Scan# 1068
Delta R.T. -0.006 min
Lab File: BF137845.D
Acq: 07 May 2024 14:01

Instrument :

BNA_F

ClientSampleId :

PB160756BS



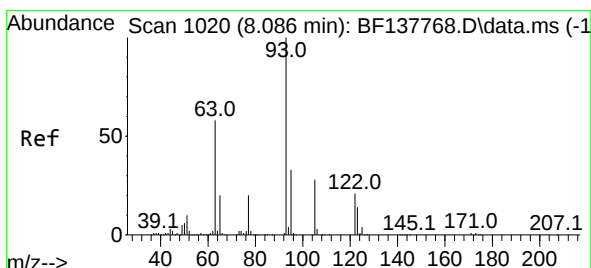
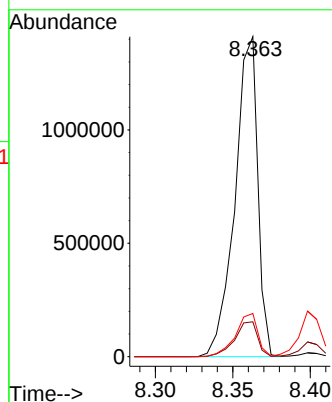
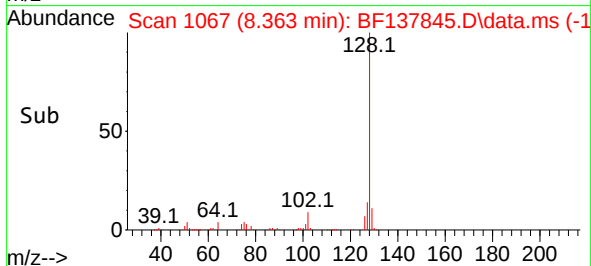
Tgt Ion:128 Resp: 1440938
Ion Ratio Lower Upper
128 100
129 10.9 8.8 13.2
127 13.5 10.6 16.0

Manual Integrations

APPROVED

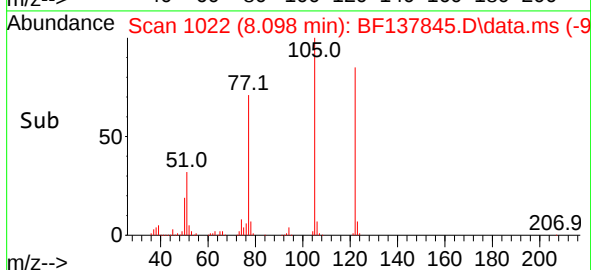
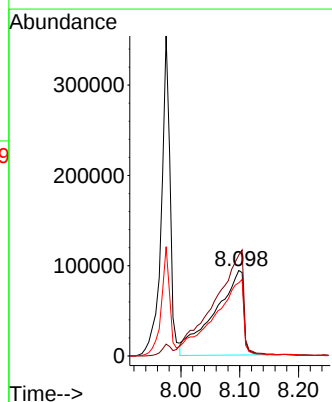
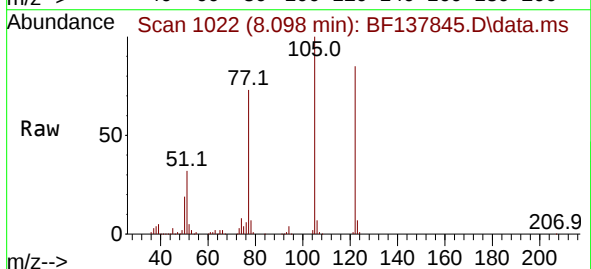
Reviewed By :Yogesh Patel 05/08/2024

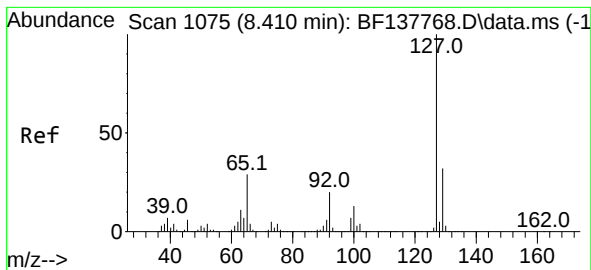
Supervised By :mohammad ahmed 05/08/2024



#32
Benzoic acid
Concen: 49.163 ng
RT: 8.098 min Scan# 1022
Delta R.T. 0.012 min
Lab File: BF137845.D
Acq: 07 May 2024 14:01

Tgt Ion:122 Resp: 322872
Ion Ratio Lower Upper
122 100
105 118.0 105.3 145.3
77 85.6 73.2 113.2





#33
4-Chloroaniline
Concen: 16.637 ng
RT: 8.398 min Scan# 1073
Delta R.T. -0.012 min
Lab File: BF137845.D
Acq: 07 May 2024 14:01

Instrument :

BNA_F

ClientSampleId :

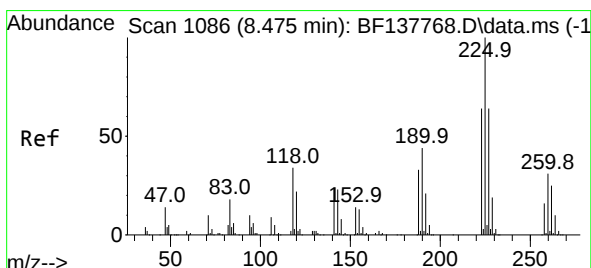
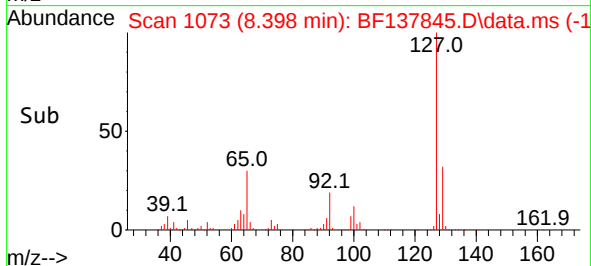
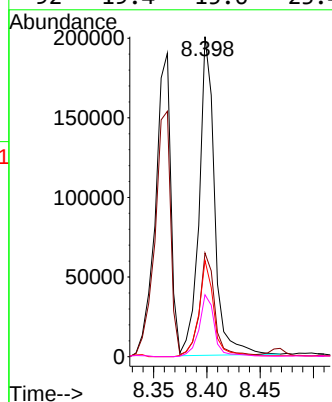
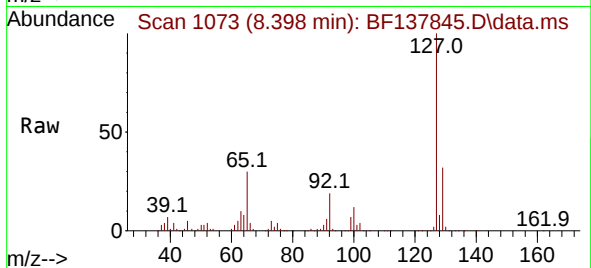
PB160756BS

Tgt Ion:127 Resp: 201810
Ion Ratio Lower Upper
127 100
129 32.4 25.7 38.5
65 30.0 23.4 35.2
92 19.4 15.6 23.4

Manual Integrations

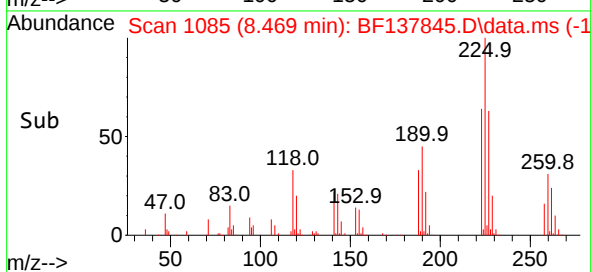
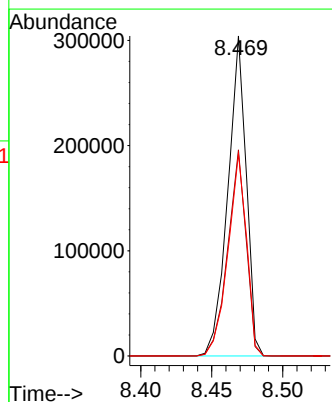
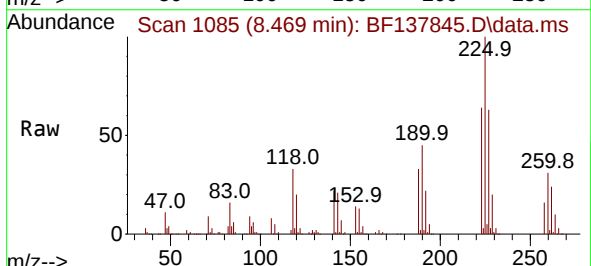
APPROVED

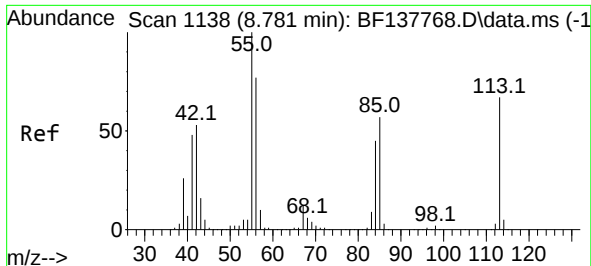
Reviewed By :Yogesh Patel 05/08/2024
Supervised By :mohammad ahmed 05/08/2024



#34
Hexachlorobutadiene
Concen: 44.581 ng
RT: 8.469 min Scan# 1085
Delta R.T. -0.006 min
Lab File: BF137845.D
Acq: 07 May 2024 14:01

Tgt Ion:225 Resp: 274549
Ion Ratio Lower Upper
225 100
223 64.4 51.1 76.7
227 63.2 51.4 77.0





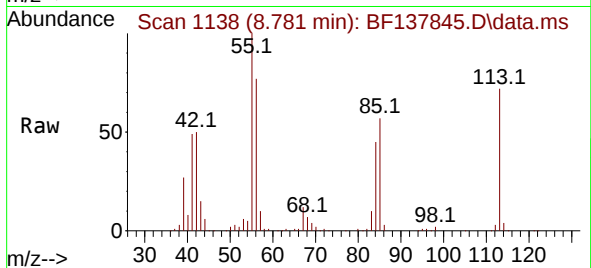
#35
Caprolactam
Concen: 45.853 ng m
RT: 8.781 min Scan# 1138
Delta R.T. -0.000 min
Lab File: BF137845.D
Acq: 07 May 2024 14:01

Instrument :

BNA_F

ClientSampleId :

PB160756BS



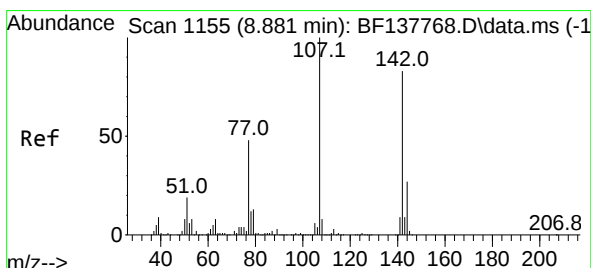
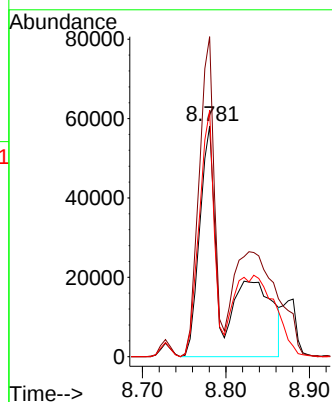
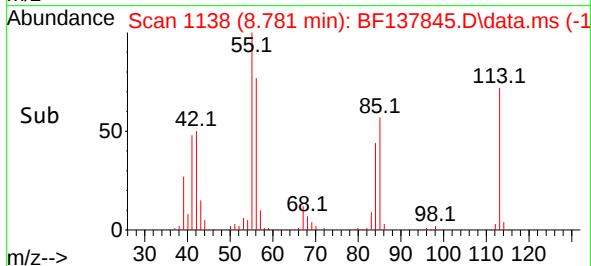
Tgt Ion:113 Resp: 133679
Ion Ratio Lower Upper
113 100
55 138.7 128.7 168.7
56 106.7 93.9 133.9

Manual Integrations

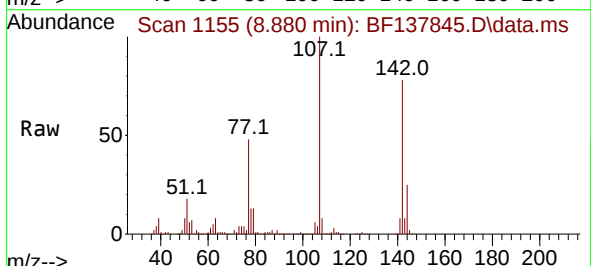
APPROVED

Reviewed By :Yogesh Patel 05/08/2024

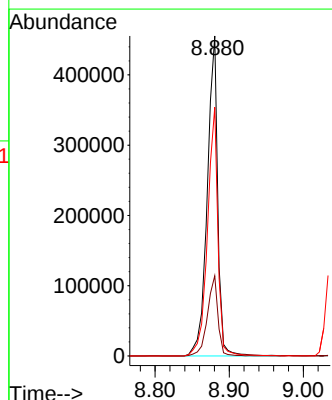
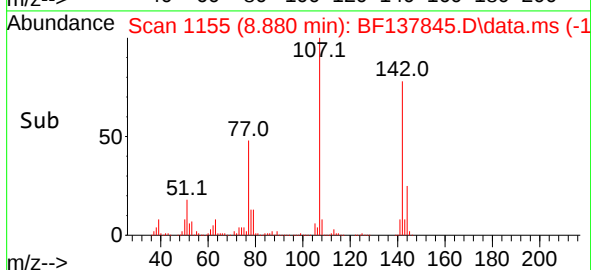
Supervised By :mohammad ahmed 05/08/2024

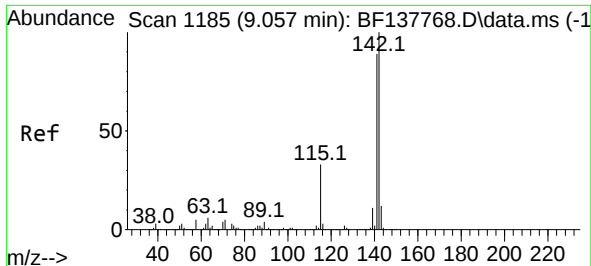


#36
4-Chloro-3-methylphenol
Concen: 46.860 ng
RT: 8.880 min Scan# 1155
Delta R.T. -0.000 min
Lab File: BF137845.D
Acq: 07 May 2024 14:01



Tgt Ion:107 Resp: 449647
Ion Ratio Lower Upper
107 100
144 25.1 21.4 32.0
142 77.7 66.2 99.2





#37

2-Methylnaphthalene

Concen: 45.160 ng

RT: 9.051 min Scan# 1184

Delta R.T. -0.006 min

Lab File: BF137845.D

Acq: 07 May 2024 14:01

Instrument :

BNA_F

ClientSampleId :

PB160756BS

Tgt Ion:142 Resp: 956234

Ion Ratio Lower Upper

142 100

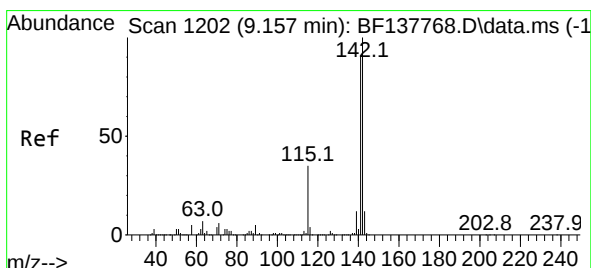
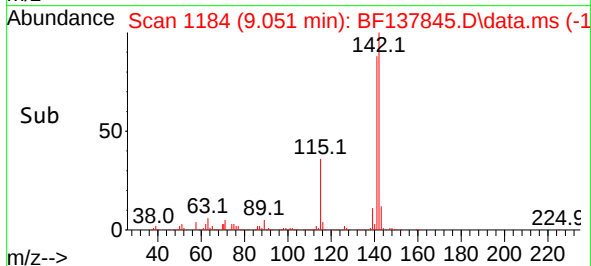
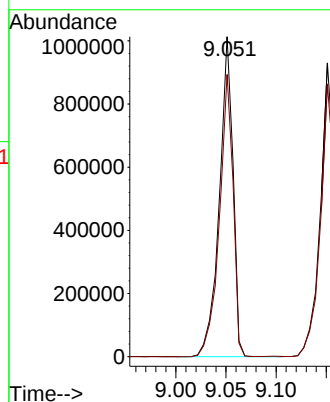
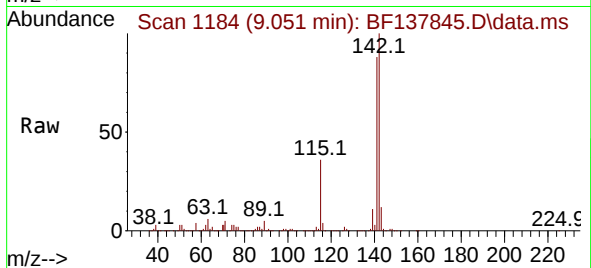
141 88.2 70.8 106.2

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 05/08/2024

Supervised By :mohammad ahmed 05/08/2024



#38

1-Methylnaphthalene

Concen: 42.349 ng

RT: 9.151 min Scan# 1201

Delta R.T. -0.006 min

Lab File: BF137845.D

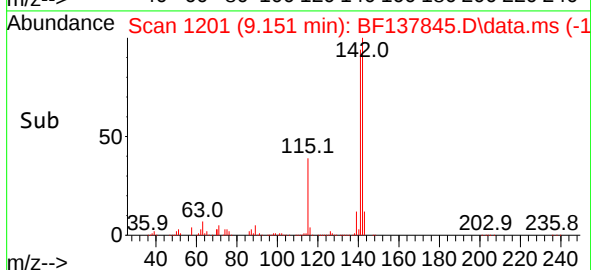
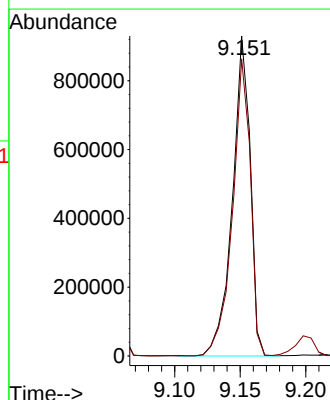
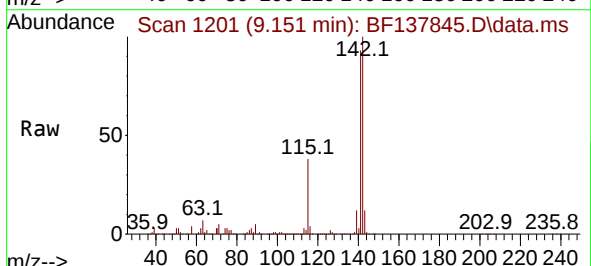
Acq: 07 May 2024 14:01

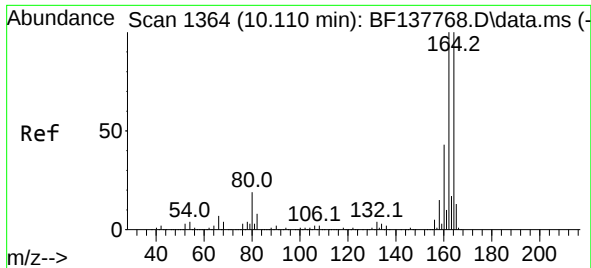
Tgt Ion:142 Resp: 882195

Ion Ratio Lower Upper

142 100

141 92.9 73.1 109.7





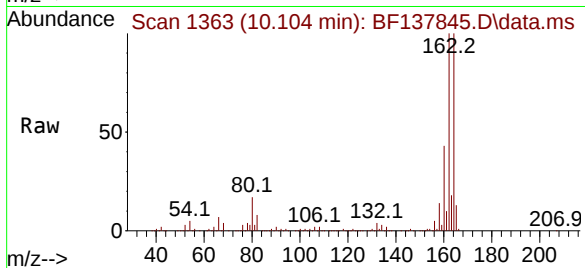
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 10.104 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF137845.D
Acq: 07 May 2024 14:01

Instrument :

BNA_F

ClientSampleId :

PB160756BS

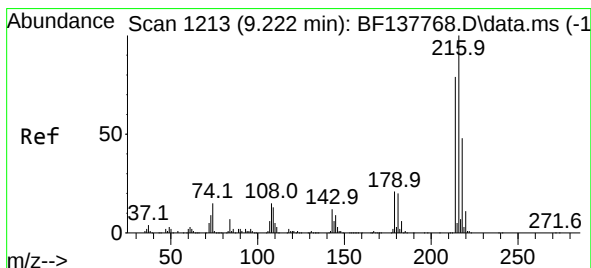
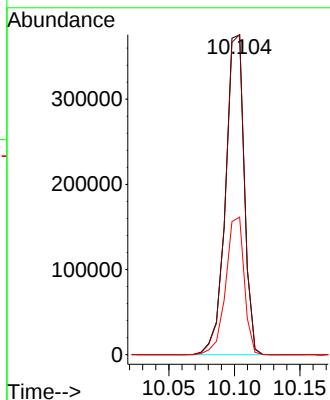
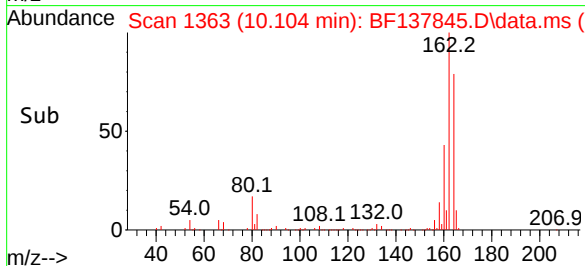


Tgt Ion:164 Resp: 373230
Ion Ratio Lower Upper
164 100
162 100.1 79.8 119.6
160 43.0 34.4 51.6

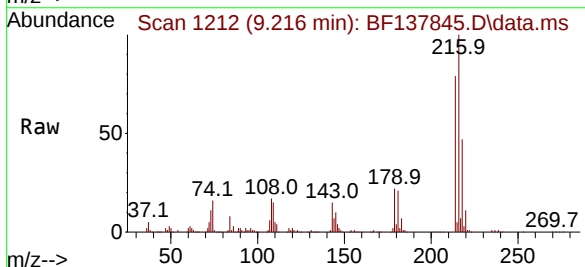
Manual Integrations

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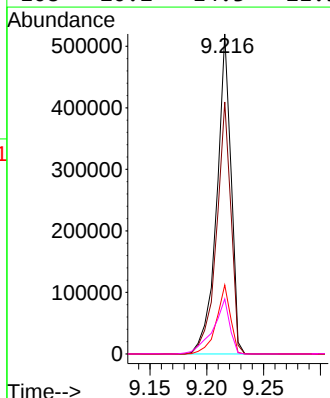
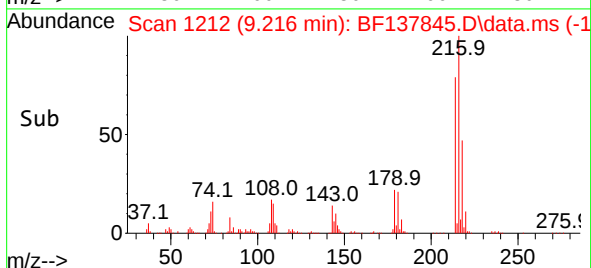
Reviewed By :Yogesh Patel 05/08/2024
Supervised By :mohammad ahmed 05/08/2024

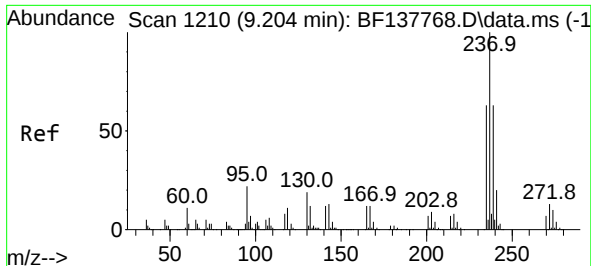


#40
1,2,4,5-Tetrachlorobenzene
Concen: 45.877 ng
RT: 9.216 min Scan# 1212
Delta R.T. -0.006 min
Lab File: BF137845.D
Acq: 07 May 2024 14:01



Tgt Ion:216 Resp: 453507
Ion Ratio Lower Upper
216 100
214 79.1 63.3 94.9
179 21.1 16.8 25.2
108 20.2 14.3 21.5





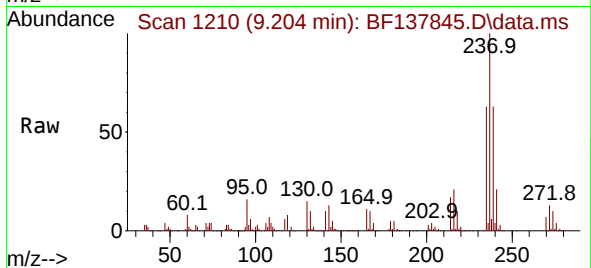
#41
Hexachlorocyclopentadiene
Concen: 131.564 ng
RT: 9.204 min Scan# 11
Delta R.T. -0.000 min
Lab File: BF137845.D
Acq: 07 May 2024 14:01

Instrument :

BNA_F

ClientSampleId :

PB160756BS

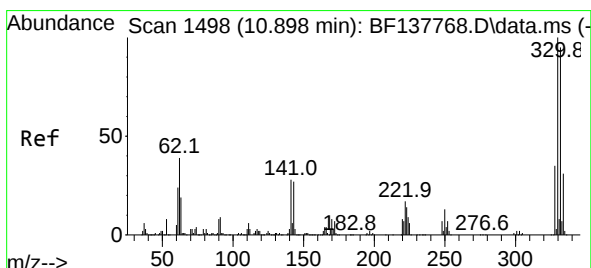
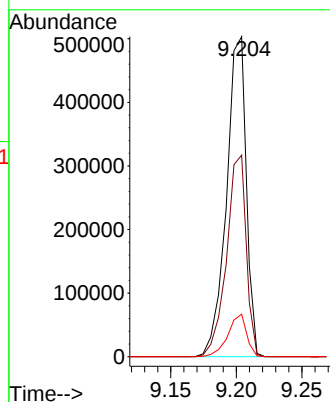
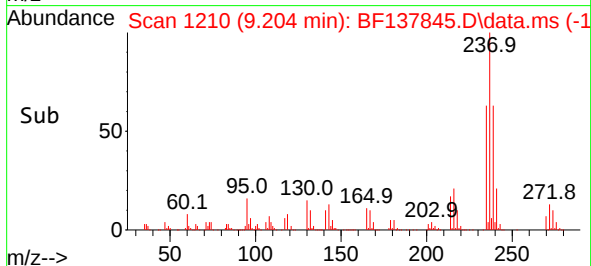


Tgt Ion:237 Resp: 528254
Ion Ratio Lower Upper
237 100
235 63.0 43.0 83.0
272 13.3 0.0 32.8

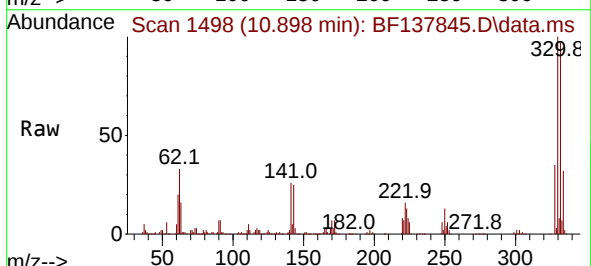
Manual Integrations

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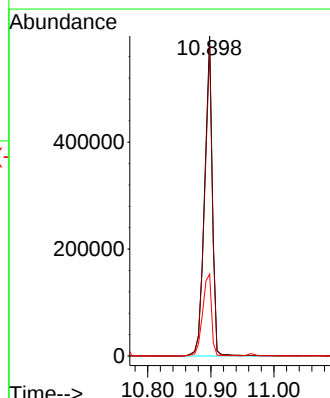
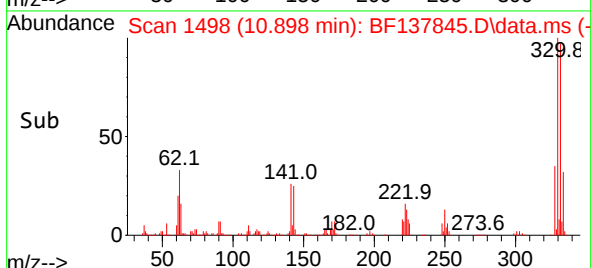
Reviewed By :Yogesh Patel 05/08/2024
Supervised By :mohammad ahmed 05/08/2024

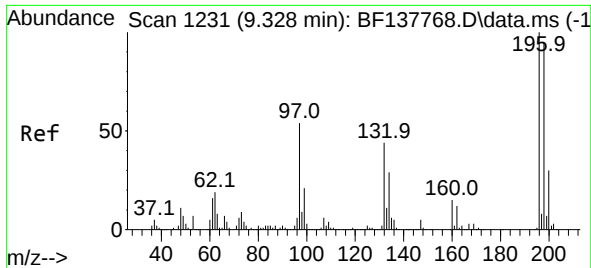


#42
2,4,6-Tribromophenol
Concen: 134.267 ng
RT: 10.898 min Scan# 1498
Delta R.T. -0.000 min
Lab File: BF137845.D
Acq: 07 May 2024 14:01



Tgt Ion:330 Resp: 511668
Ion Ratio Lower Upper
330 100
332 96.5 77.3 115.9
141 29.4 23.8 35.6





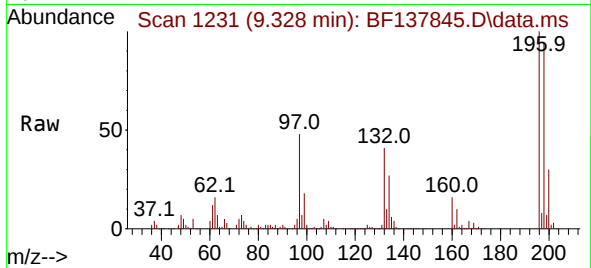
#43
2,4,6-Trichlorophenol
Concen: 47.340 ng
RT: 9.328 min Scan# 11
Delta R.T. -0.000 min
Lab File: BF137845.D
Acq: 07 May 2024 14:01

Instrument :

BNA_F

ClientSampleId :

PB160756BS



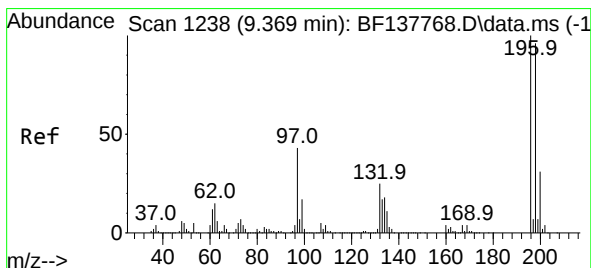
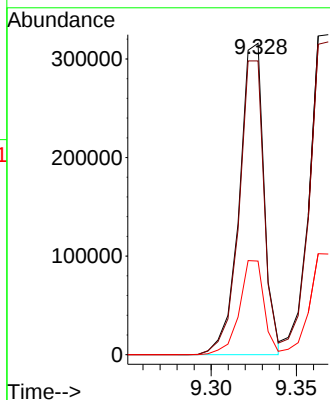
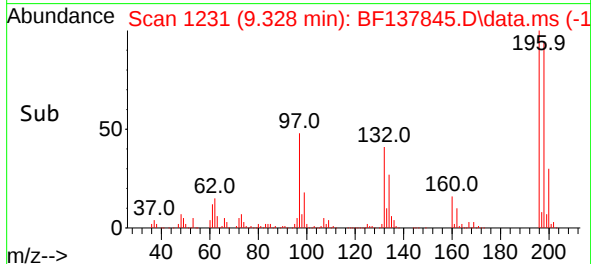
Tgt Ion:196 Resp: 318554
Ion Ratio Lower Upper
196 100
198 94.4 76.2 114.4
200 30.1 24.2 36.2

Manual Integrations

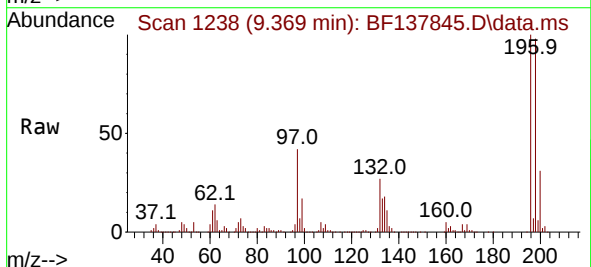
APPROVED

Reviewed By :Yogesh Patel 05/08/2024

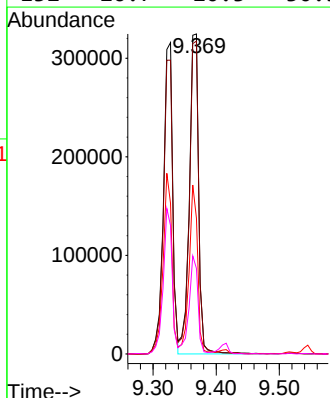
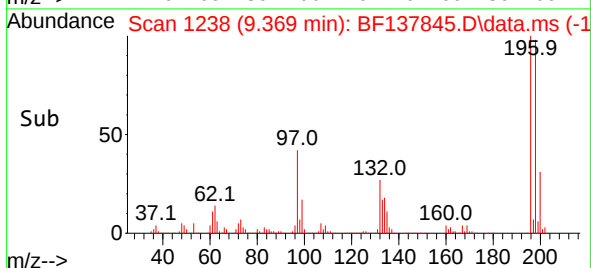
Supervised By :mohammad ahmed 05/08/2024

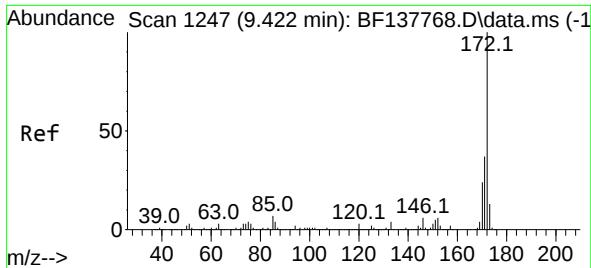


#44
2,4,5-Trichlorophenol
Concen: 45.078 ng
RT: 9.369 min Scan# 1238
Delta R.T. -0.000 min
Lab File: BF137845.D
Acq: 07 May 2024 14:01



Tgt Ion:196 Resp: 334934
Ion Ratio Lower Upper
196 100
198 97.8 76.6 114.8
97 42.4 34.5 51.7
132 26.7 20.3 30.5





#45

2-Fluorobiphenyl

Concen: 86.613 ng

RT: 9.416 min Scan# 1246

Delta R.T. -0.006 min

Lab File: BF137845.D

Acq: 07 May 2024 14:01

Instrument :

BNA_F

ClientSampleId :

PB160756BS

Tgt Ion:172 Resp: 199259

Ion Ratio Lower Upper

172 100

171 36.3 29.6 44.4

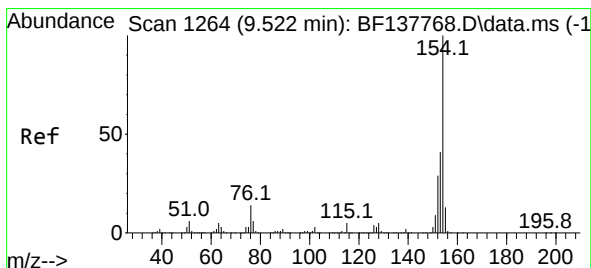
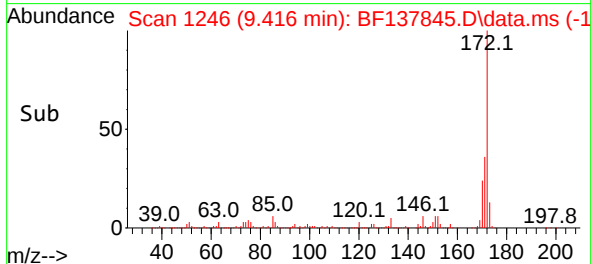
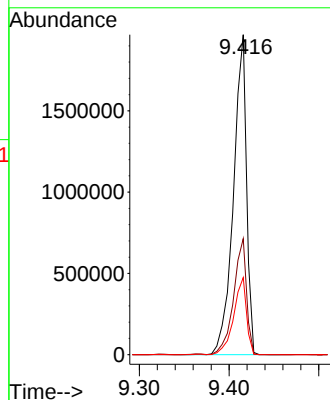
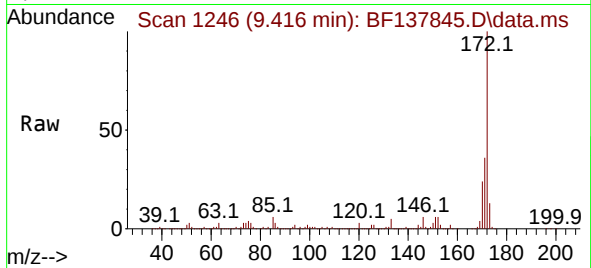
170 24.1 19.4 29.2

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 05/08/2024

Supervised By :mohammad ahmed 05/08/2024



#46

1,1'-Biphenyl

Concen: 46.001 ng

RT: 9.516 min Scan# 1263

Delta R.T. -0.006 min

Lab File: BF137845.D

Acq: 07 May 2024 14:01

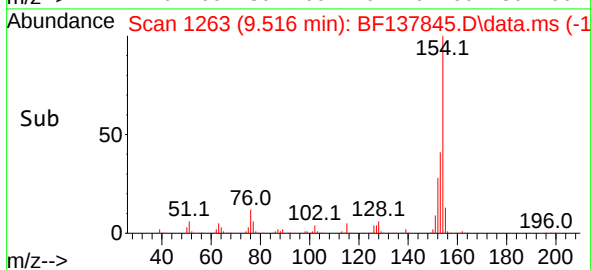
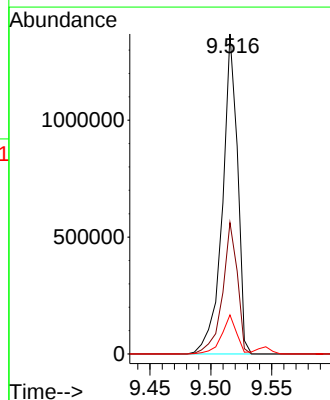
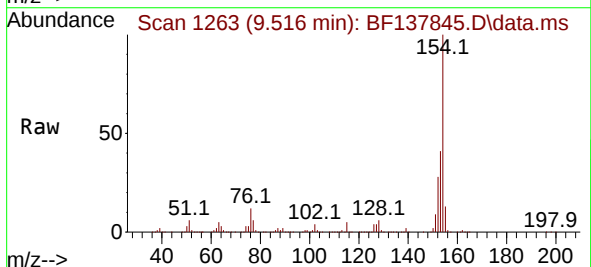
Tgt Ion:154 Resp: 1178285

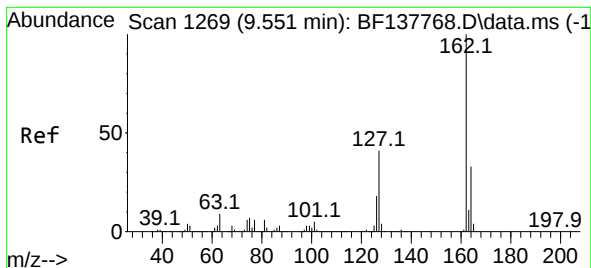
Ion Ratio Lower Upper

154 100

153 41.1 21.4 61.4

76 12.2 0.0 33.5





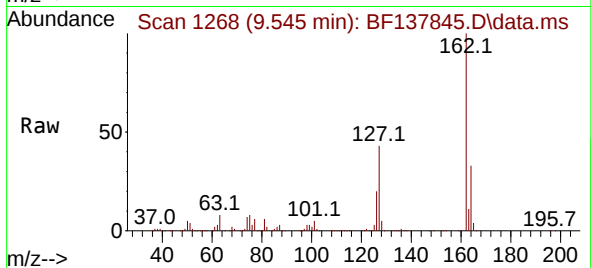
#47
2-Chloronaphthalene
Concen: 43.823 ng
RT: 9.545 min Scan# 1268
Delta R.T. -0.006 min
Lab File: BF137845.D
Acq: 07 May 2024 14:01

Instrument :

BNA_F

ClientSampleId :

PB160756BS



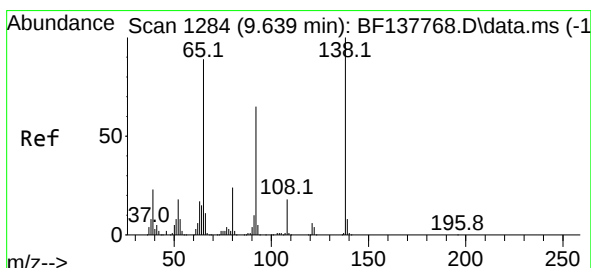
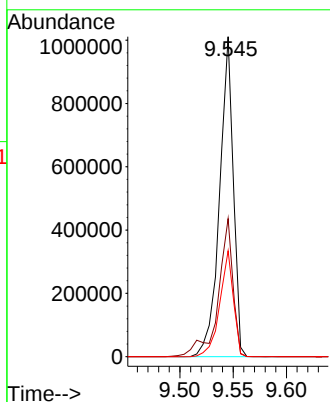
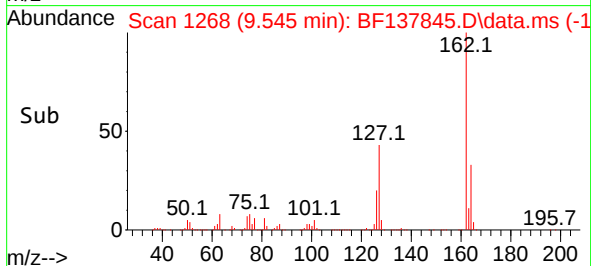
Tgt Ion:162 Resp: 906244
Ion Ratio Lower Upper
162 100
127 43.2 32.6 49.0
164 33.1 26.5 39.7

Manual Integrations

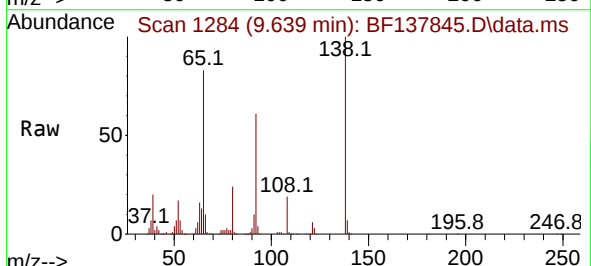
APPROVED

Reviewed By :Yogesh Patel 05/08/2024

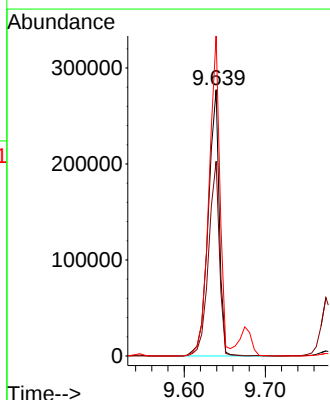
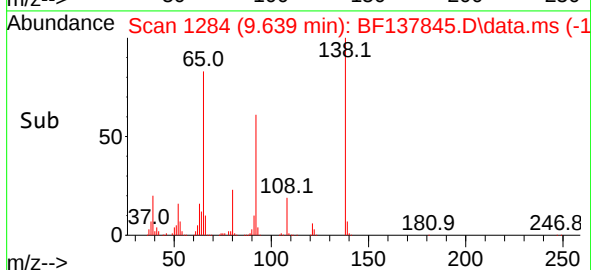
Supervised By :mohammad ahmed 05/08/2024

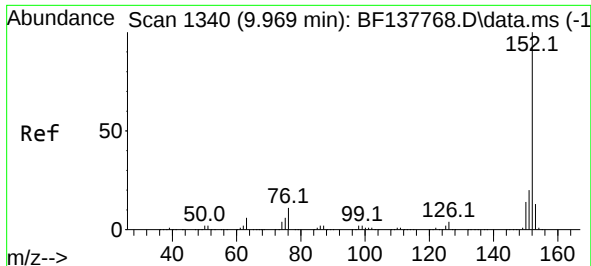


#48
2-Nitroaniline
Concen: 46.519 ng
RT: 9.639 min Scan# 1284
Delta R.T. -0.000 min
Lab File: BF137845.D
Acq: 07 May 2024 14:01



Tgt Ion: 65 Resp: 260906
Ion Ratio Lower Upper
65 100
92 73.1 58.6 88.0
138 120.2 90.3 135.5





#49

Acenaphthylene

Concen: 48.723 ng

RT: 9.963 min Scan# 11

Delta R.T. -0.006 min

Lab File: BF137845.D

Acq: 07 May 2024 14:01

Instrument :

BNA_F

ClientSampleId :

PB160756BS

Tgt Ion:152 Resp: 145754

Ion Ratio Lower Upper

152 100

151 20.7 16.2 24.4

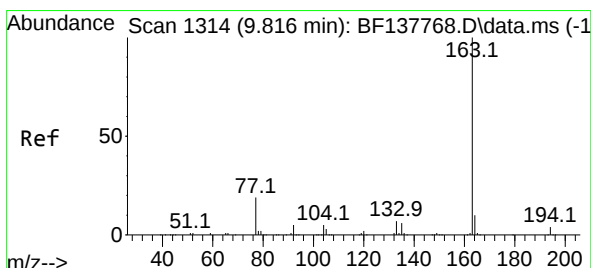
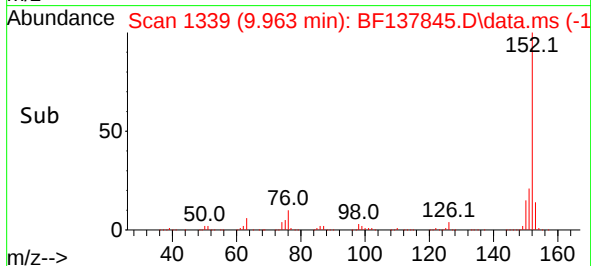
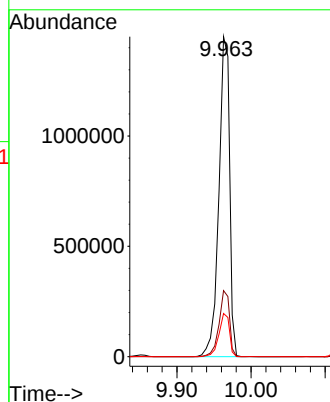
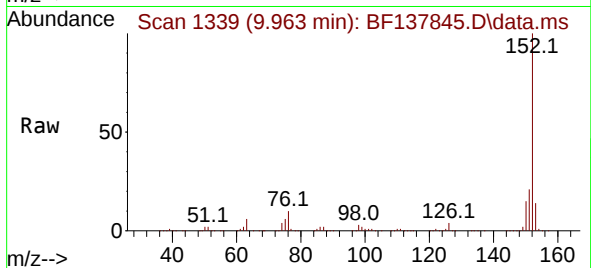
153 13.5 10.8 16.2

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 05/08/2024

Supervised By :mohammad ahmed 05/08/2024



#50

Dimethylphthalate

Concen: 47.162 ng

RT: 9.816 min Scan# 1314

Delta R.T. -0.000 min

Lab File: BF137845.D

Acq: 07 May 2024 14:01

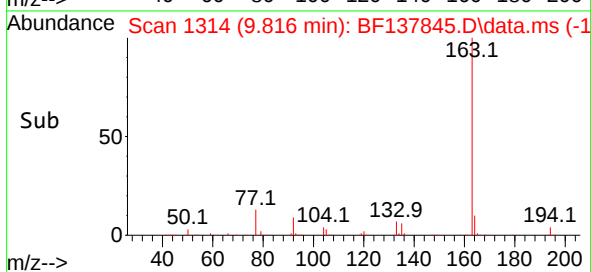
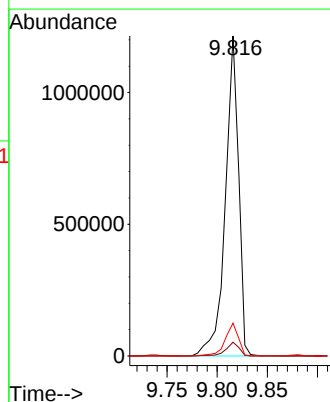
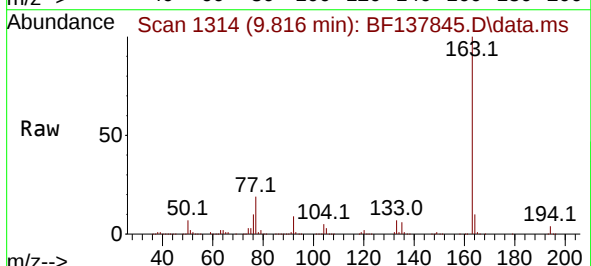
Tgt Ion:163 Resp: 1111223

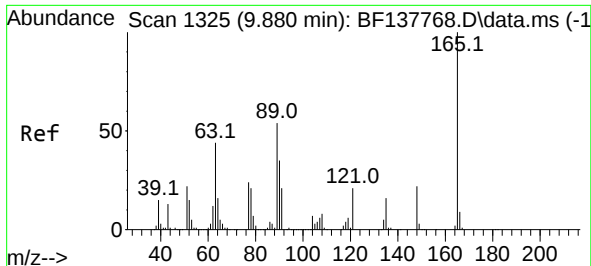
Ion Ratio Lower Upper

163 100

194 4.3 3.3 4.9

164 10.3 8.3 12.5





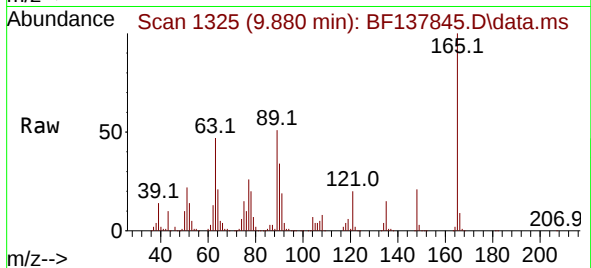
#51
2,6-Dinitrotoluene
Concen: 45.486 ng
RT: 9.880 min Scan# 1325
Delta R.T. -0.000 min
Lab File: BF137845.D
Acq: 07 May 2024 14:01

Instrument :

BNA_F

ClientSampleId :

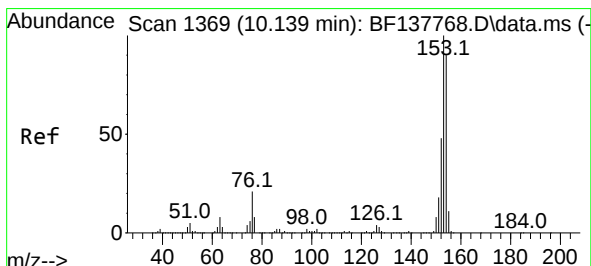
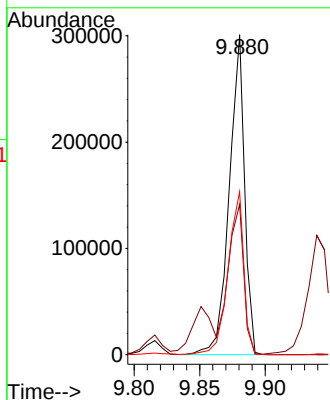
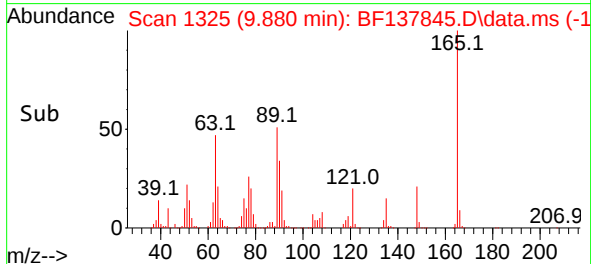
PB160756BS



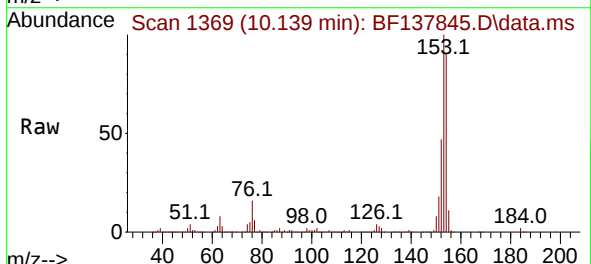
Tgt Ion:165 Resp: 244920
Ion Ratio Lower Upper
165 100
63 47.0 41.9 62.9
89 50.9 43.2 64.8

Manual Integrations
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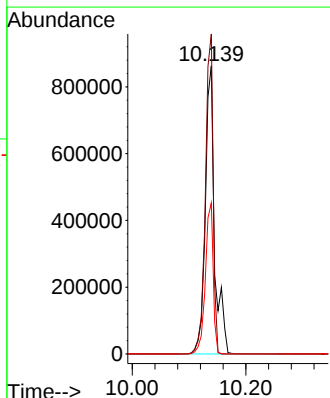
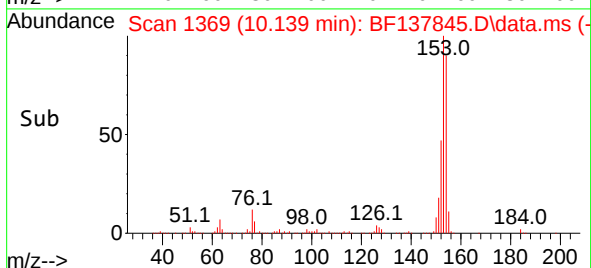
Reviewed By :Yogesh Patel 05/08/2024
Supervised By :mohammad ahmed 05/08/2024

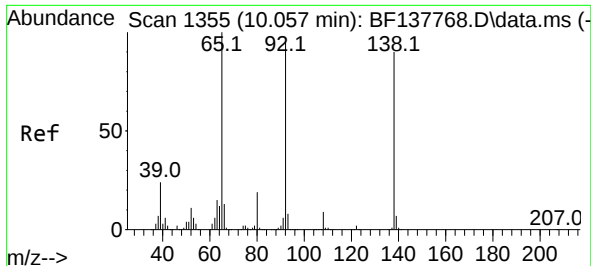


#52
Acenaphthene
Concen: 49.463 ng
RT: 10.139 min Scan# 1369
Delta R.T. -0.000 min
Lab File: BF137845.D
Acq: 07 May 2024 14:01



Tgt Ion:154 Resp: 980789
Ion Ratio Lower Upper
154 100
153 111.0 88.7 133.1
152 52.4 42.8 64.2





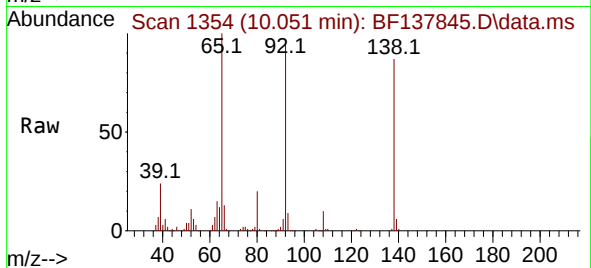
#53
3-Nitroaniline
Concen: 30.453 ng
RT: 10.051 min Scan# 1354
Delta R.T. -0.006 min
Lab File: BF137845.D
Acq: 07 May 2024 14:01

Instrument :

BNA_F

ClientSampleId :

PB160756BS



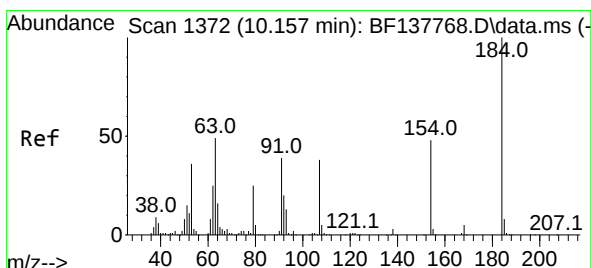
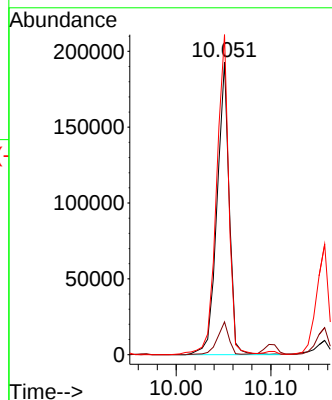
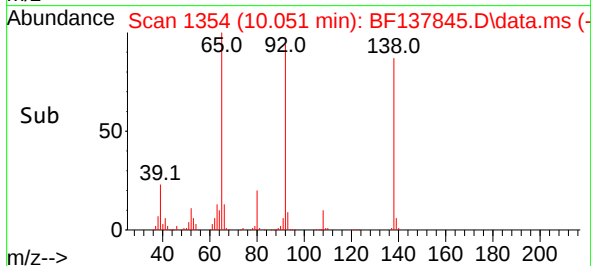
Tgt Ion:138 Resp: 171718
Ion Ratio Lower Upper
138 100
108 11.2 7.8 11.6
92 109.4 84.6 126.8

Manual Integrations

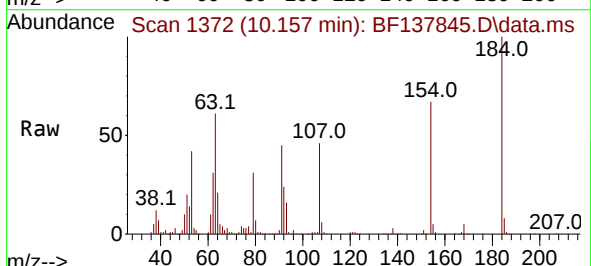
APPROVED

Reviewed By :Yogesh Patel 05/08/2024

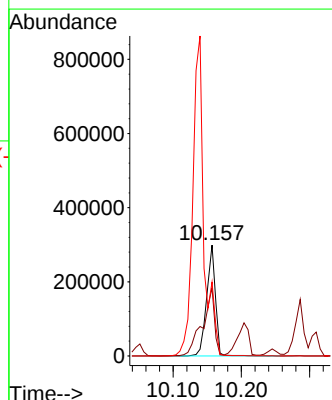
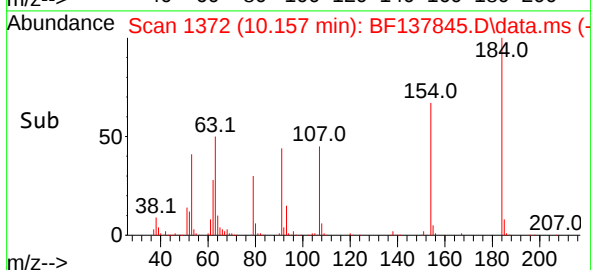
Supervised By :mohammad ahmed 05/08/2024

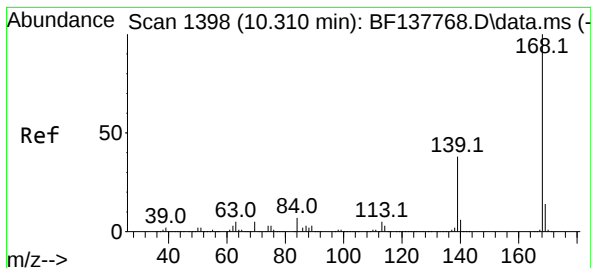


#54
2,4-Dinitrophenol
Concen: 101.817 ng
RT: 10.157 min Scan# 1372
Delta R.T. -0.000 min
Lab File: BF137845.D
Acq: 07 May 2024 14:01



Tgt Ion:184 Resp: 269387
Ion Ratio Lower Upper
184 100
63 61.4 40.3 60.5#
154 66.6 45.2 67.8





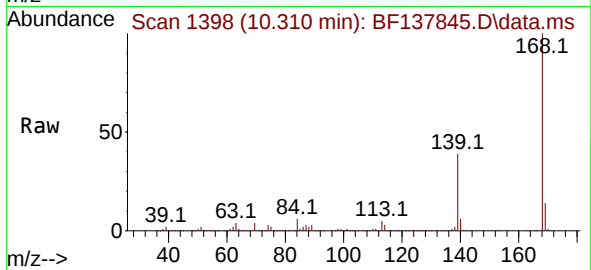
#55
Dibenzofuran
Concen: 45.122 ng
RT: 10.310 min Scan# 1398
Delta R.T. -0.000 min
Lab File: BF137845.D
Acq: 07 May 2024 14:01

Instrument :

BNA_F

ClientSampleId :

PB160756BS



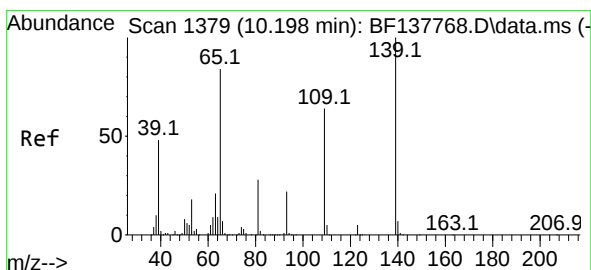
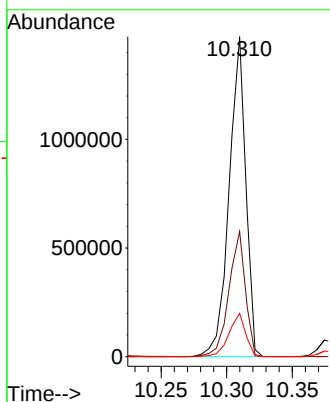
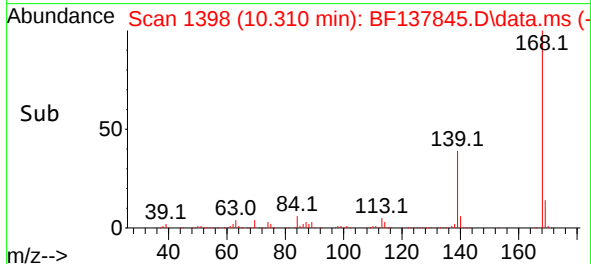
Tgt Ion:168 Resp: 1302035
Ion Ratio Lower Upper
168 100
139 39.1 30.2 45.4
169 13.5 11.4 17.0

Manual Integrations

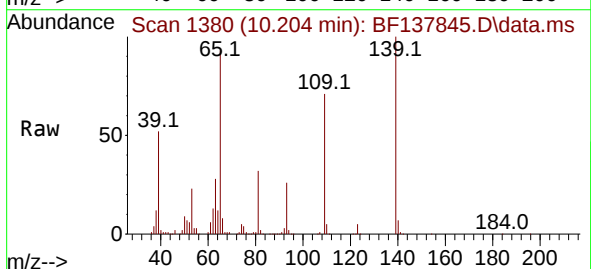
APPROVED

Reviewed By :Yogesh Patel 05/08/2024

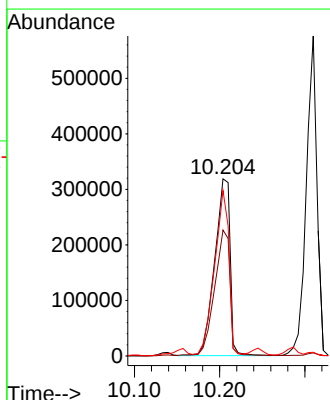
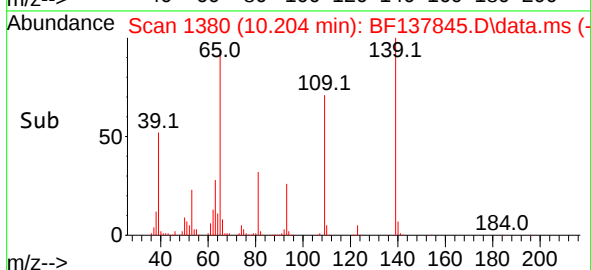
Supervised By :mohammad ahmed 05/08/2024

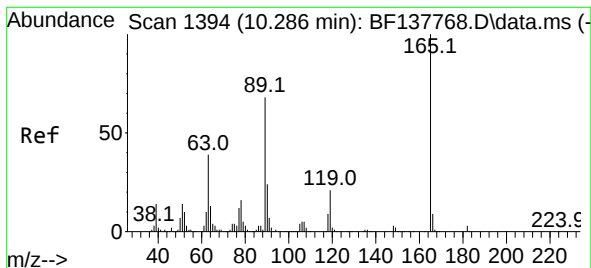


#56
4-Nitrophenol
Concen: 85.353 ng
RT: 10.204 min Scan# 1380
Delta R.T. 0.006 min
Lab File: BF137845.D
Acq: 07 May 2024 14:01



Tgt Ion:139 Resp: 398897
Ion Ratio Lower Upper
139 100
109 71.1 44.0 84.0
65 93.4 64.3 104.3





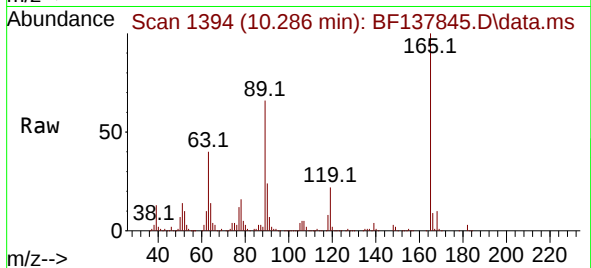
#57
2,4-Dinitrotoluene
Concen: 47.291 ng
RT: 10.286 min Scan# 11
Delta R.T. -0.000 min
Lab File: BF137845.D
Acq: 07 May 2024 14:01

Instrument :

BNA_F

ClientSampleId :

PB160756BS



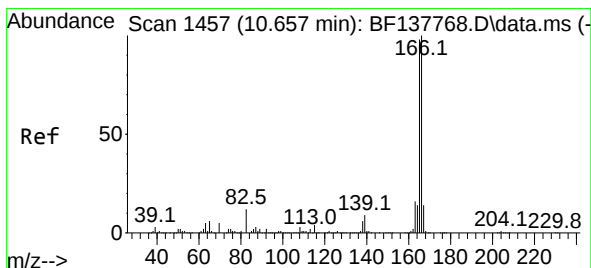
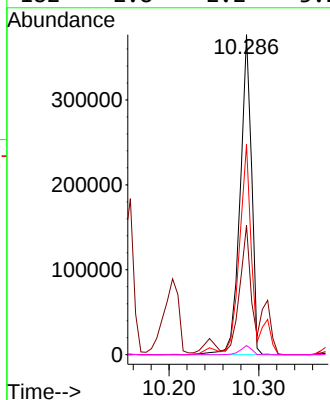
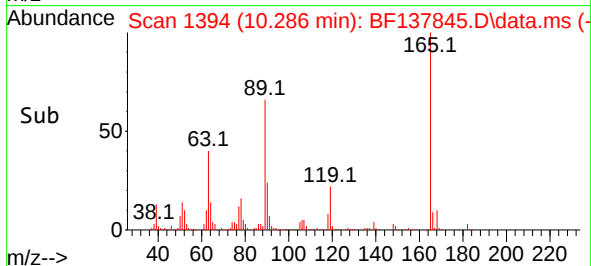
Tgt Ion:165 Resp: 33267
Ion Ratio Lower Upper
165 100
63 40.4 31.3 46.9
89 65.7 54.2 81.4
182 2.8 2.2 3.2

Manual Integrations

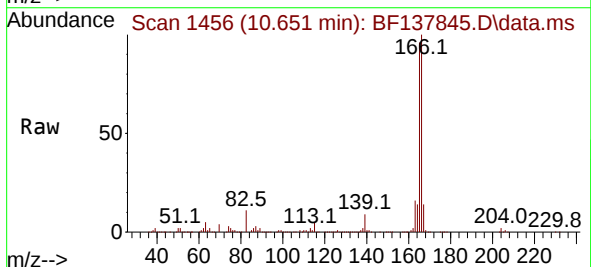
APPROVED

Reviewed By :Yogesh Patel 05/08/2024

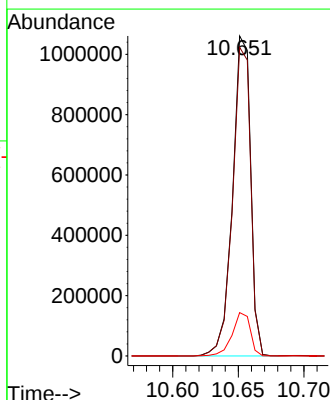
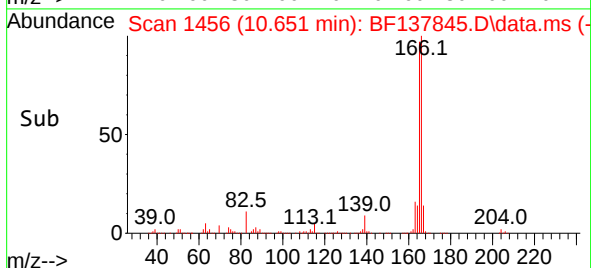
Supervised By :mohammad ahmed 05/08/2024

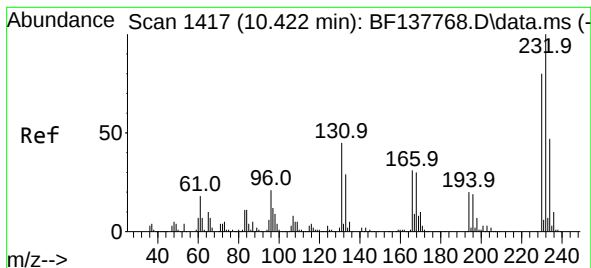


#58
Fluorene
Concen: 44.357 ng
RT: 10.651 min Scan# 1456
Delta R.T. -0.006 min
Lab File: BF137845.D
Acq: 07 May 2024 14:01



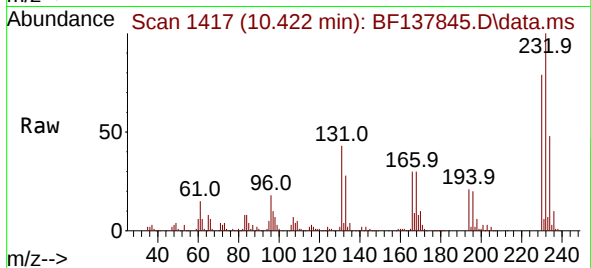
Tgt Ion:166 Resp: 1018657
Ion Ratio Lower Upper
166 100
165 96.4 78.2 117.2
167 13.6 10.9 16.3





#59
2,3,4,6-Tetrachlorophenol
Concen: 46.143 ng
RT: 10.422 min Scan# 1417
Delta R.T. -0.000 min
Lab File: BF137845.D
Acq: 07 May 2024 14:01

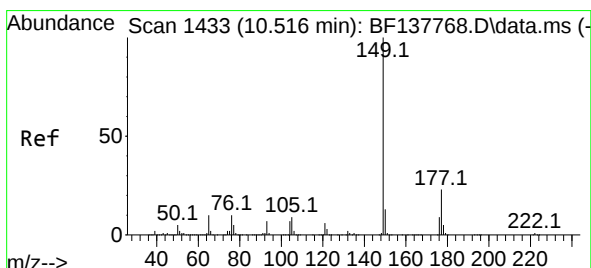
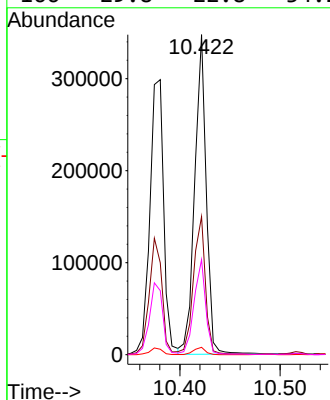
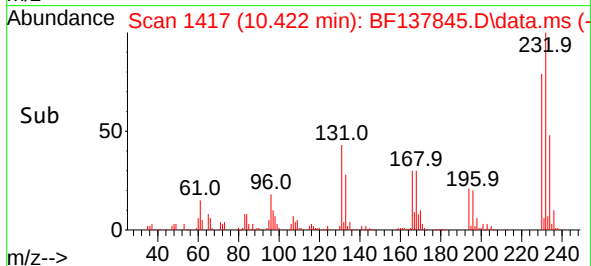
Instrument :
BNA_F
ClientSampleId :
PB160756BS



Tgt Ion:232 Resp: 278345
Ion Ratio Lower Upper
232 100
131 44.7 33.4 50.0
130 2.4 1.7 2.5
166 29.8 22.8 34.2

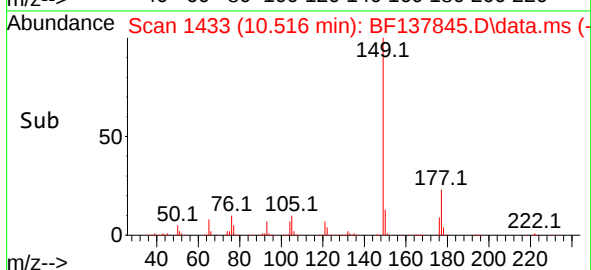
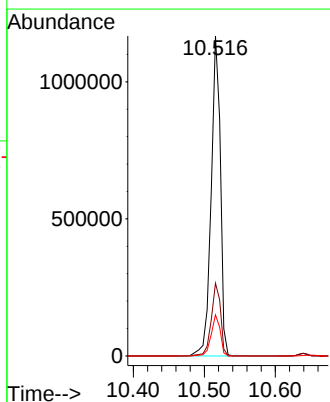
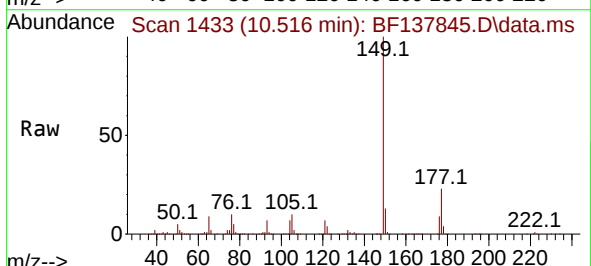
Manual Integrations
APPROVED

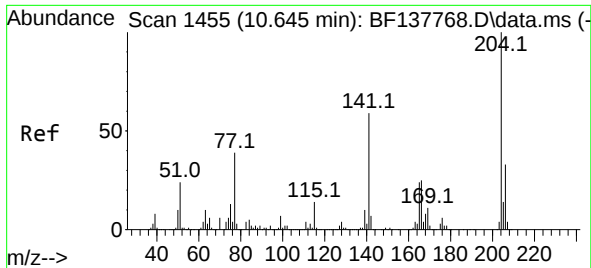
Reviewed By :Yogesh Patel 05/08/2024
Supervised By :mohammad ahmed 05/08/2024



#60
Diethylphthalate
Concen: 47.141 ng
RT: 10.516 min Scan# 1433
Delta R.T. -0.000 min
Lab File: BF137845.D
Acq: 07 May 2024 14:01

Tgt Ion:149 Resp: 1054929
Ion Ratio Lower Upper
149 100
177 22.7 18.4 27.6
150 12.9 10.5 15.7





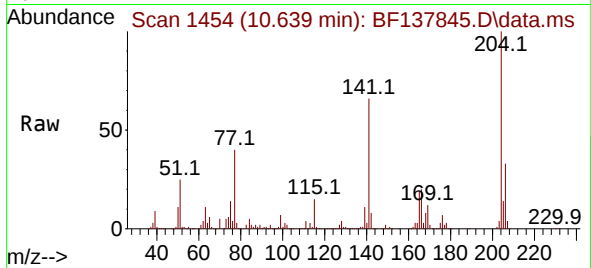
#61
4-Chlorophenyl-phenylether
Concen: 44.811 ng
RT: 10.639 min Scan# 1455
Delta R.T. -0.006 min
Lab File: BF137845.D
Acq: 07 May 2024 14:01

Instrument :

BNA_F

ClientSampleId :

PB160756BS



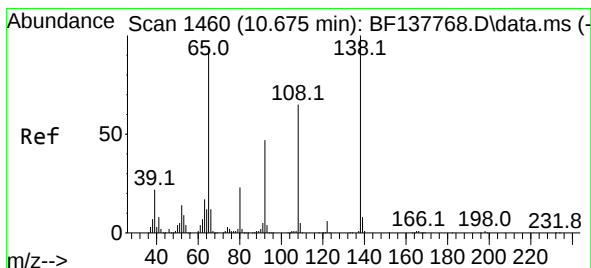
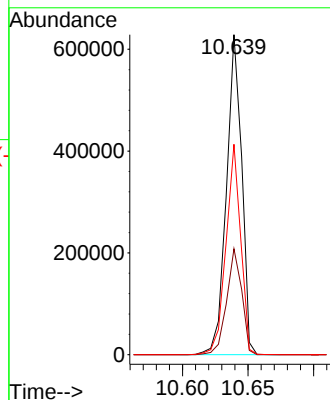
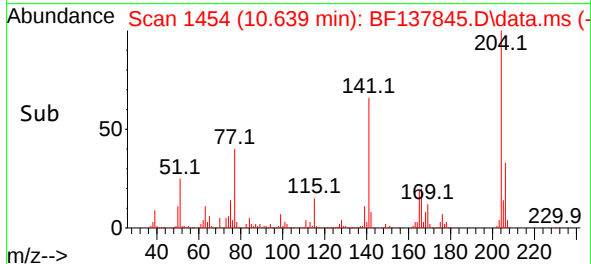
Tgt Ion:204 Resp: 507063
Ion Ratio Lower Upper
204 100
206 33.1 26.4 39.6
141 65.7 47.0 70.6

Manual Integrations

APPROVED

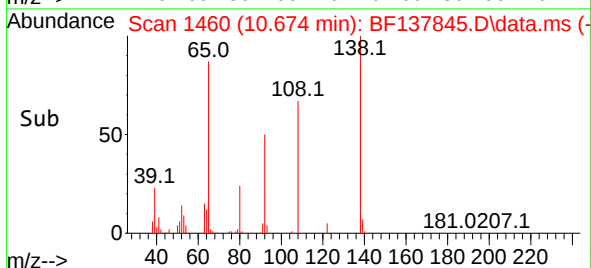
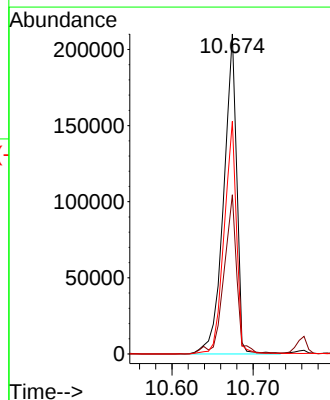
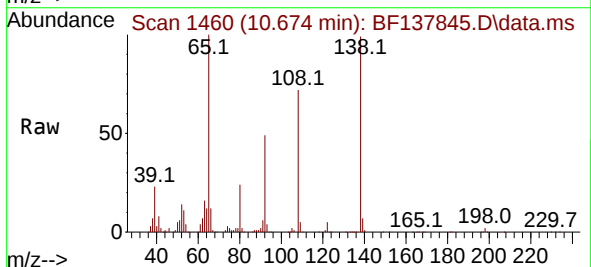
Reviewed By :Yogesh Patel 05/08/2024

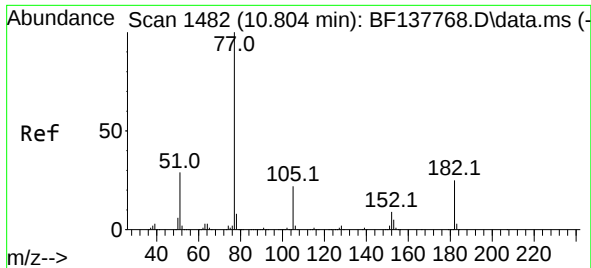
Supervised By :mohammad ahmed 05/08/2024



#62
4-Nitroaniline
Concen: 41.365 ng
RT: 10.674 min Scan# 1460
Delta R.T. -0.000 min
Lab File: BF137845.D
Acq: 07 May 2024 14:01

Tgt Ion:138 Resp: 236586
Ion Ratio Lower Upper
138 100
92 49.7 26.8 66.8
108 72.7 44.7 84.7





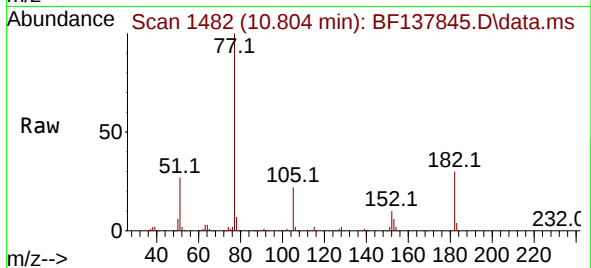
#63
Azobenzene
Concen: 44.464 ng
RT: 10.804 min Scan# 1482
Delta R.T. -0.000 min
Lab File: BF137845.D
Acq: 07 May 2024 14:01

Instrument :

BNA_F

ClientSampleId :

PB160756BS



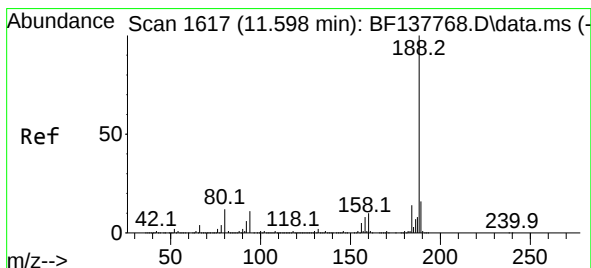
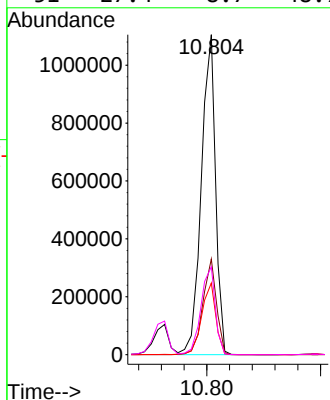
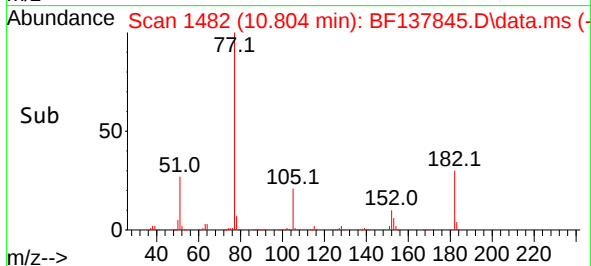
Tgt Ion: 77 Resp: 961684
Ion Ratio Lower Upper
77 100
182 29.9 5.1 45.1
105 22.4 2.2 42.2
51 27.4 8.7 48.7

Manual Integrations

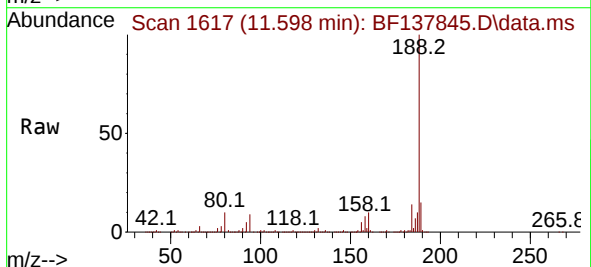
APPROVED

Reviewed By :Yogesh Patel 05/08/2024

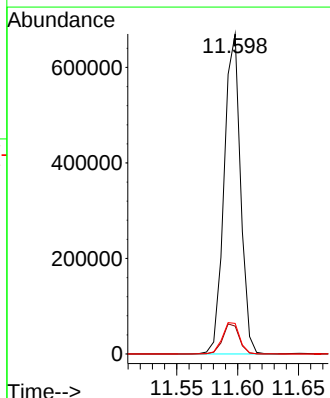
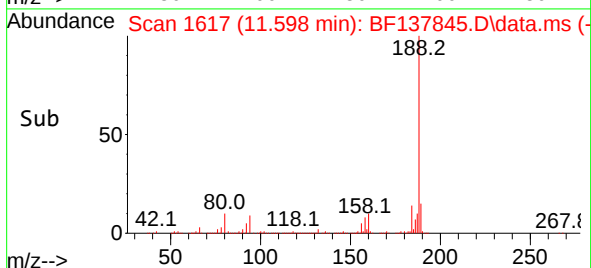
Supervised By :mohammad ahmed 05/08/2024

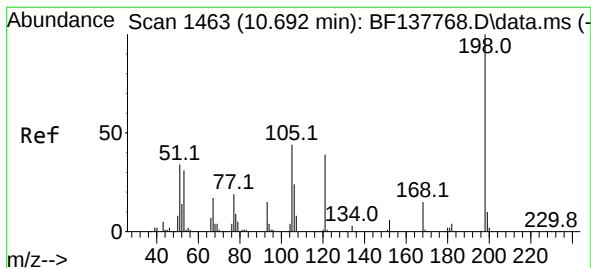


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.598 min Scan# 1617
Delta R.T. -0.000 min
Lab File: BF137845.D
Acq: 07 May 2024 14:01



Tgt Ion:188 Resp: 630555
Ion Ratio Lower Upper
188 100
94 8.7 8.8 13.2#
80 9.5 9.6 14.4#





#65
4,6-Dinitro-2-methylphenol
Concen: 51.891 ng
RT: 10.692 min Scan# 1463
Delta R.T. 0.000 min
Lab File: BF137845.D
Acq: 07 May 2024 14:01

Instrument :

BNA_F

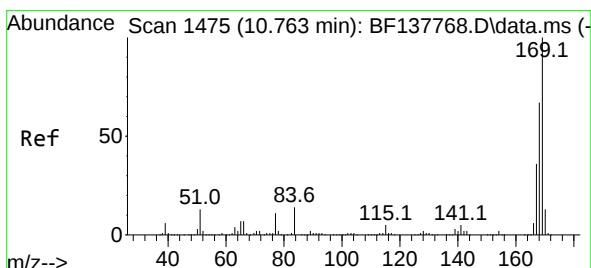
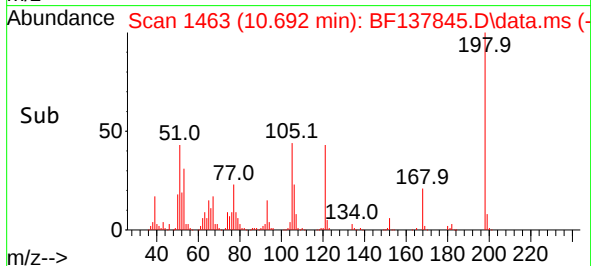
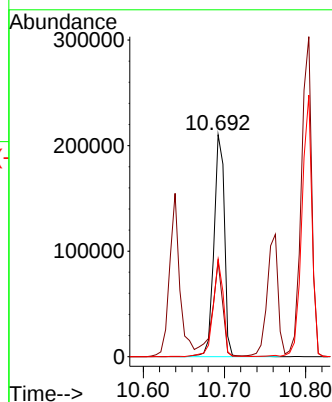
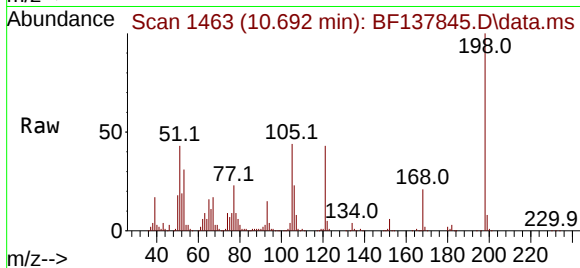
ClientSampleId :

PB160756BS

Tgt Ion:198 Resp: 18780
Ion Ratio Lower Upper
198 100
51 42.9 25.1 65.1
105 43.8 24.1 64.1

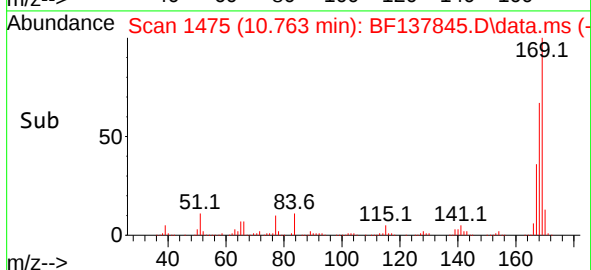
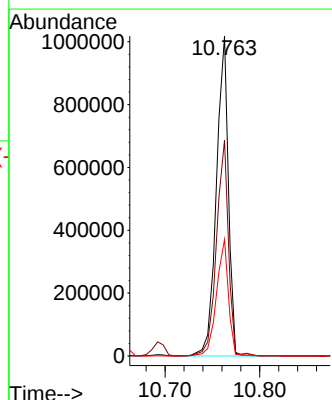
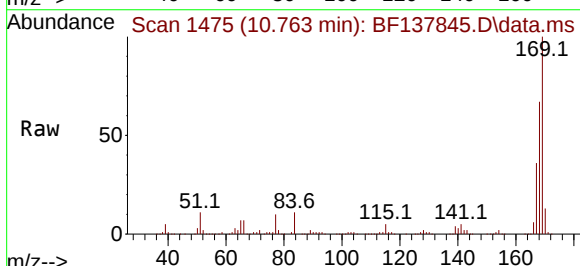
Manual Integrations
APPROVED

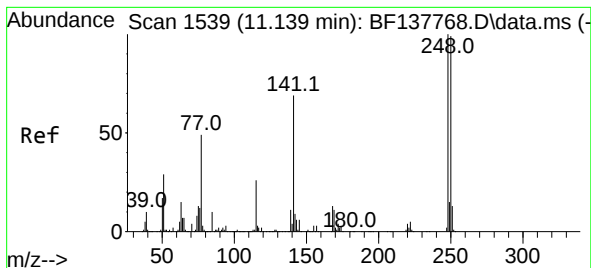
Reviewed By :Yogesh Patel 05/08/2024
Supervised By :mohammad ahmed 05/08/2024



#66
n-Nitrosodiphenylamine
Concen: 47.205 ng
RT: 10.763 min Scan# 1475
Delta R.T. -0.000 min
Lab File: BF137845.D
Acq: 07 May 2024 14:01

Tgt Ion:169 Resp: 890993
Ion Ratio Lower Upper
169 100
168 67.4 53.3 79.9
167 36.4 29.2 43.8





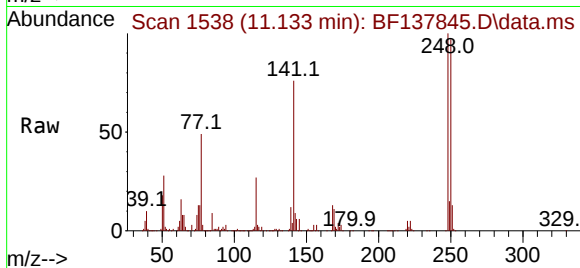
#67
4-Bromophenyl-phenylether
Concen: 47.878 ng
RT: 11.133 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF137845.D
Acq: 07 May 2024 14:01

Instrument :

BNA_F

ClientSampleId :

PB160756BS



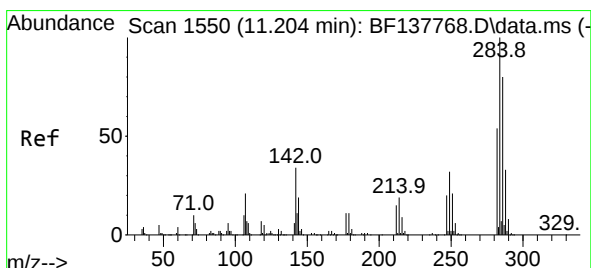
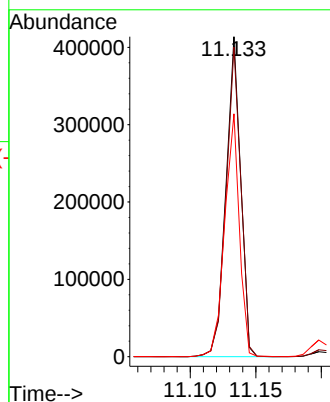
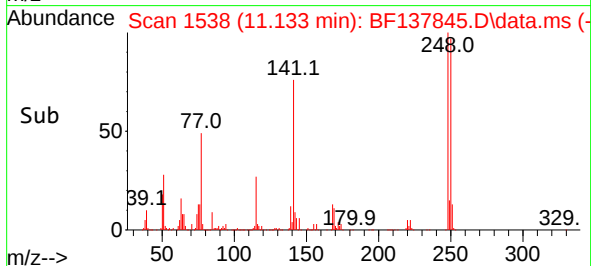
Tgt Ion:248 Resp: 323094
Ion Ratio Lower Upper
248 100
250 96.8 79.1 118.7
141 75.9 55.4 83.2

Manual Integrations

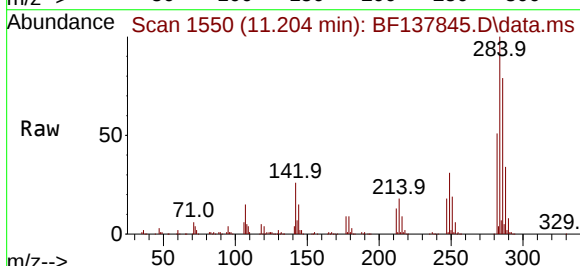
APPROVED

Reviewed By :Yogesh Patel 05/08/2024

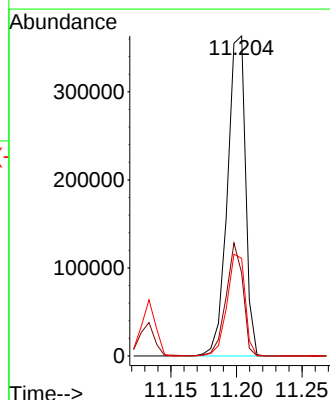
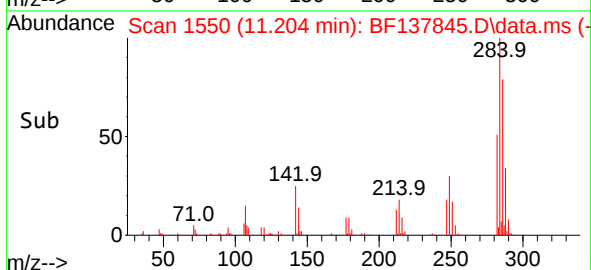
Supervised By :mohammad ahmed 05/08/2024

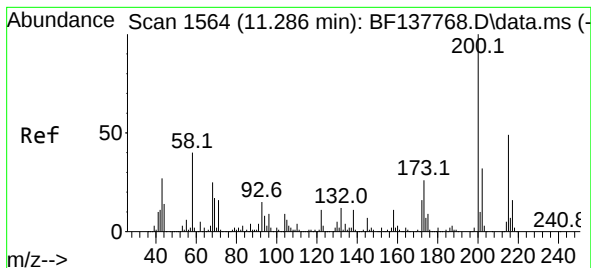


#68
Hexachlorobenzene
Concen: 47.226 ng
RT: 11.204 min Scan# 1550
Delta R.T. -0.000 min
Lab File: BF137845.D
Acq: 07 May 2024 14:01



Tgt Ion:284 Resp: 348270
Ion Ratio Lower Upper
284 100
142 26.0 27.3 40.9#
249 30.5 25.6 38.4





#69

Atrazine

Concen: 52.819 ng

RT: 11.286 min Scan# 1564

Delta R.T. -0.000 min

Lab File: BF137845.D

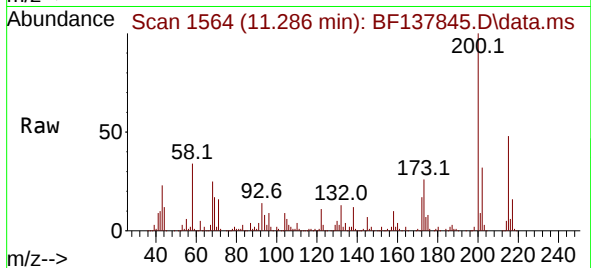
Acq: 07 May 2024 14:01

Instrument :

BNA_F

ClientSampleId :

PB160756BS



Tgt Ion:200 Resp: 303980

Ion Ratio Lower Upper

200 100

173 26.0 5.9 45.9

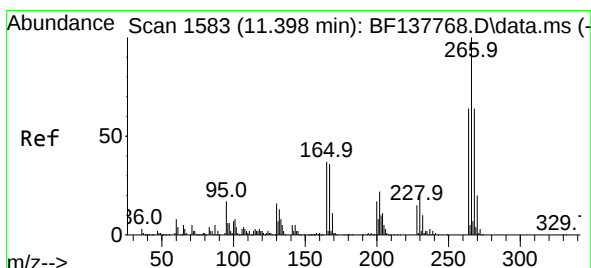
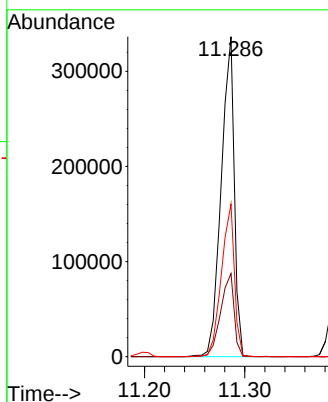
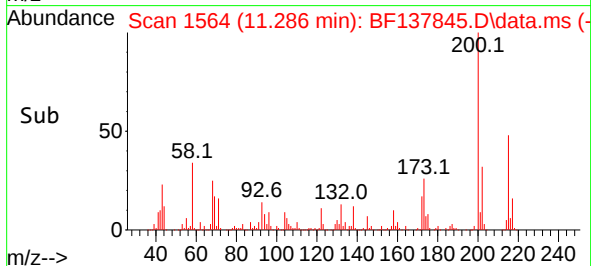
215 47.7 28.8 68.8

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 05/08/2024

Supervised By :mohammad ahmed 05/08/2024



#70

Pentachlorophenol

Concen: 84.391 ng

RT: 11.392 min Scan# 1582

Delta R.T. -0.006 min

Lab File: BF137845.D

Acq: 07 May 2024 14:01

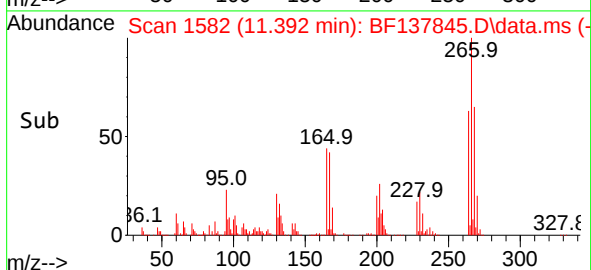
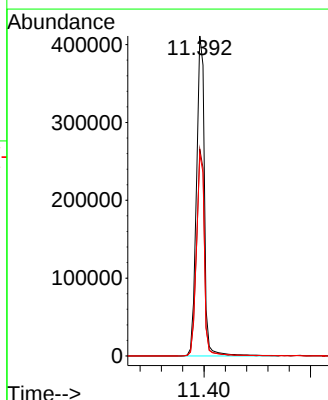
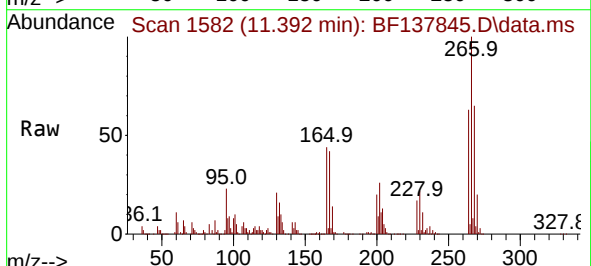
Tgt Ion:266 Resp: 427272

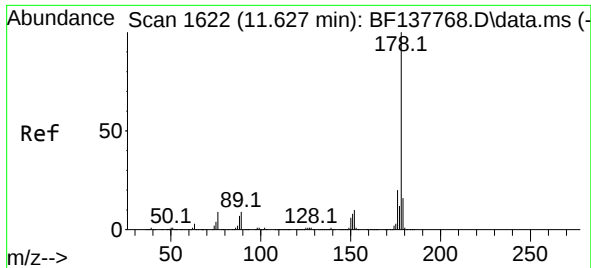
Ion Ratio Lower Upper

266 100

268 64.6 51.3 76.9

264 63.1 51.0 76.4





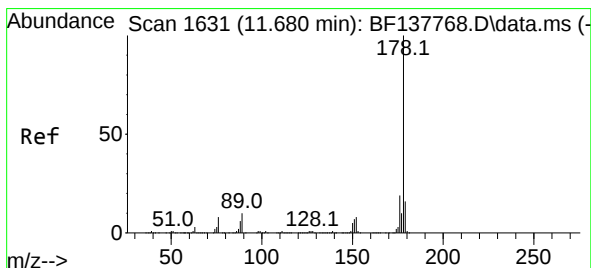
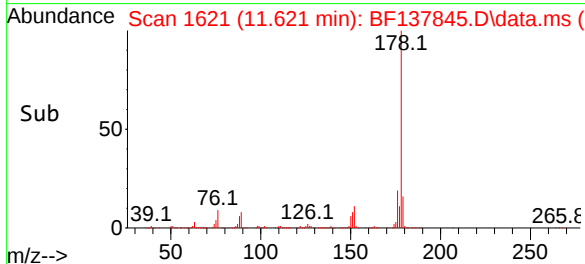
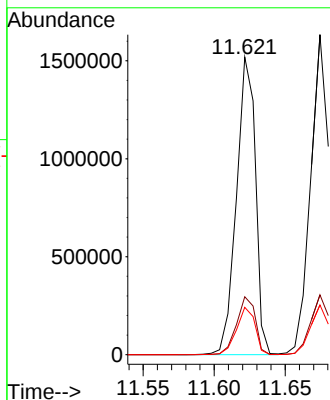
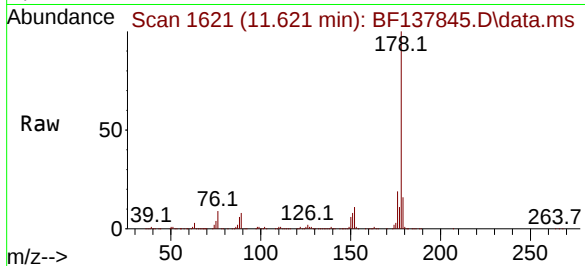
#71
Phenanthrene
Concen: 46.158 ng
RT: 11.621 min Scan# 1622
Delta R.T. -0.006 min
Lab File: BF137845.D
Acq: 07 May 2024 14:01

Instrument :
BNA_F
ClientSampleId :
PB160756BS

Tgt Ion:178 Resp: 1418618
Ion Ratio Lower Upper
178 100
176 19.4 15.8 23.6
179 15.9 12.5 18.7

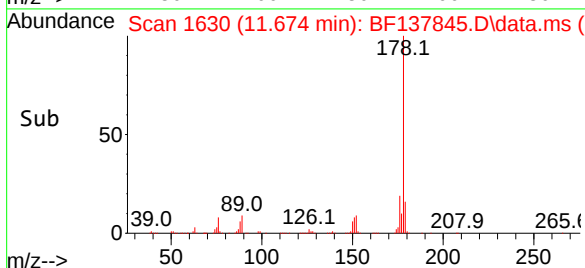
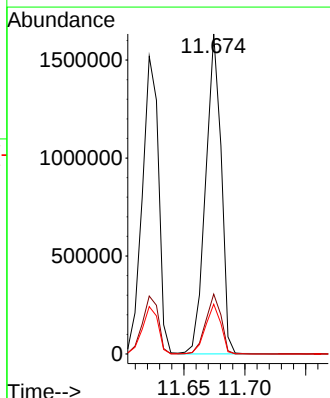
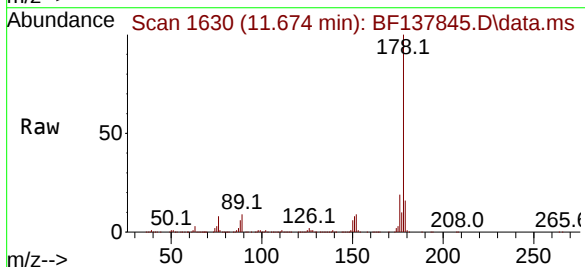
Manual Integrations
APPROVED

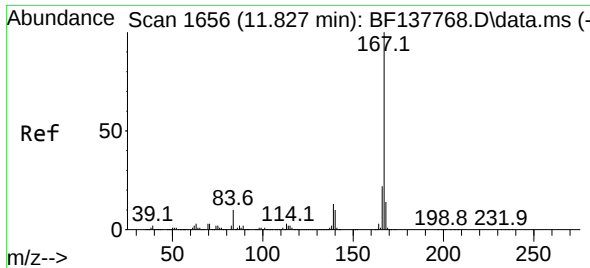
Reviewed By :Yogesh Patel 05/08/2024
Supervised By :mohammad ahmed 05/08/2024



#72
Anthracene
Concen: 47.470 ng
RT: 11.674 min Scan# 1630
Delta R.T. -0.006 min
Lab File: BF137845.D
Acq: 07 May 2024 14:01

Tgt Ion:178 Resp: 1451631
Ion Ratio Lower Upper
178 100
176 18.7 15.2 22.8
179 15.6 12.6 18.8





#73
 Carbazole
 Concen: 43.452 ng
 RT: 11.827 min Scan# 1656
 Delta R.T. -0.000 min
 Lab File: BF137845.D
 Acq: 07 May 2024 14:01

Instrument :

BNA_F

ClientSampleId :

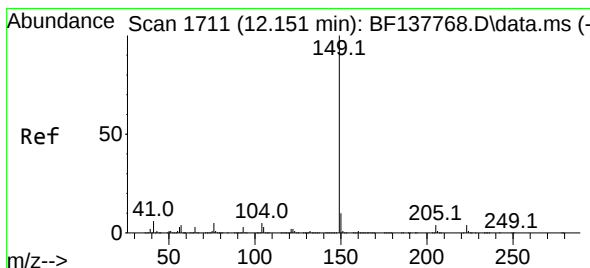
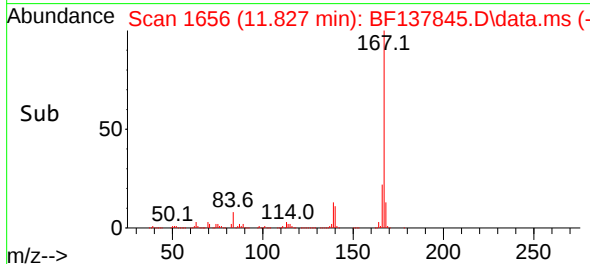
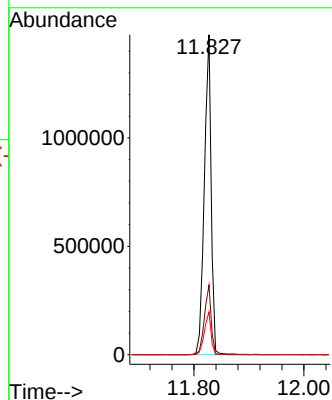
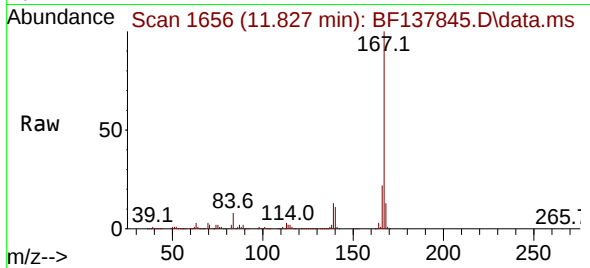
PB160756BS

Tgt Ion:167 Resp: 128062
 Ion Ratio Lower Upper
 167 100
 166 21.7 17.6 26.4
 139 13.4 10.5 15.7

Manual Integrations

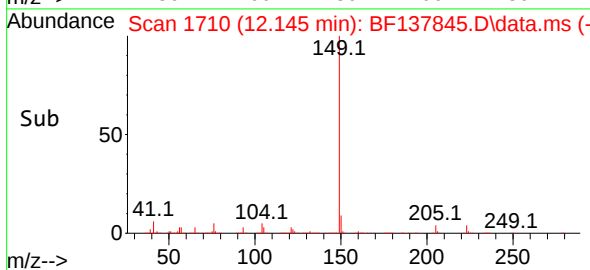
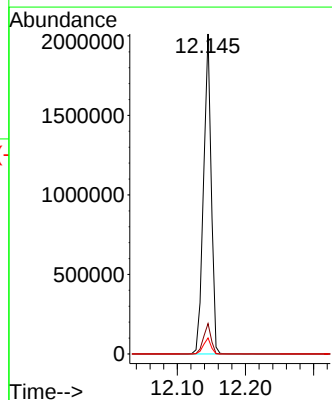
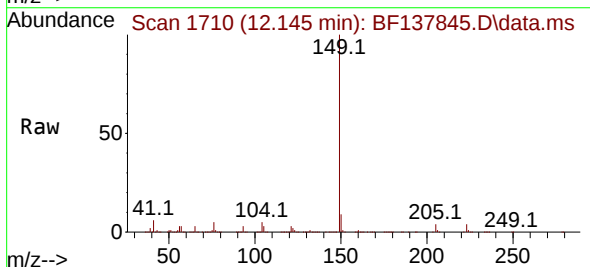
APPROVED

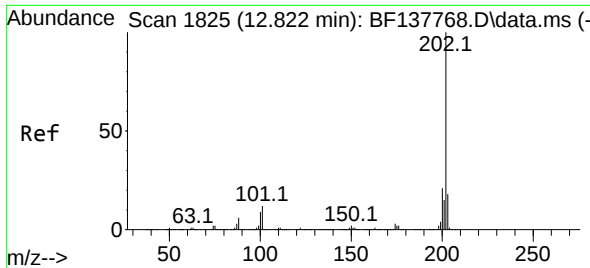
Reviewed By :Yogesh Patel 05/08/2024
 Supervised By :mohammad ahmed 05/08/2024



#74
 Di-n-butylphthalate
 Concen: 48.985 ng
 RT: 12.145 min Scan# 1710
 Delta R.T. -0.006 min
 Lab File: BF137845.D
 Acq: 07 May 2024 14:01

Tgt Ion:149 Resp: 1574828
 Ion Ratio Lower Upper
 149 100
 150 9.5 7.7 11.5
 104 5.0 3.8 5.8





#75
Fluoranthene
Concen: 43.394 ng
RT: 12.816 min Scan# 1824
Delta R.T. -0.006 min
Lab File: BF137845.D
Acq: 07 May 2024 14:01

Instrument :

BNA_F

ClientSampleId :

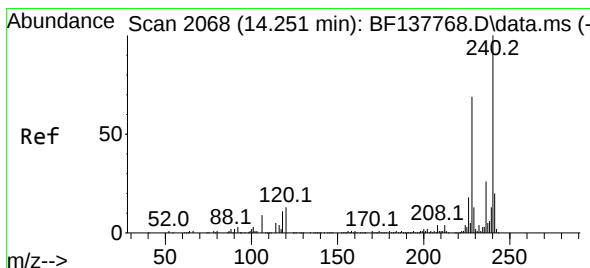
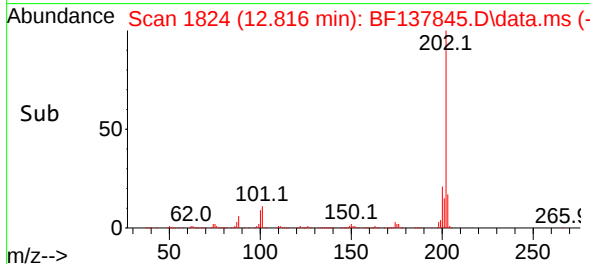
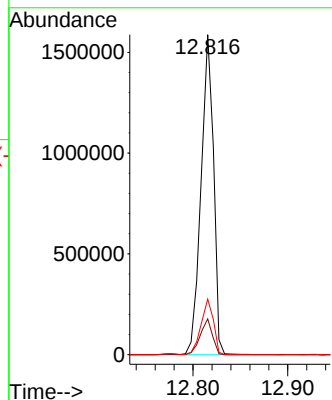
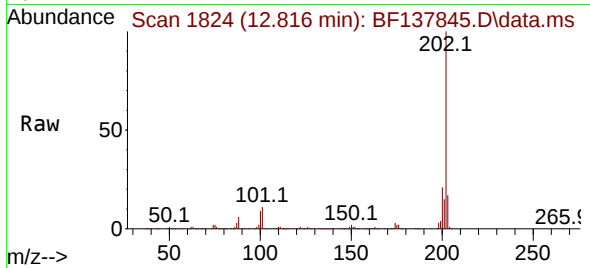
PB160756BS

Tgt Ion:202 Resp: 145786
Ion Ratio Lower Upper
202 100
101 11.2 0.0 31.8
203 17.4 0.0 37.8

Manual Integrations

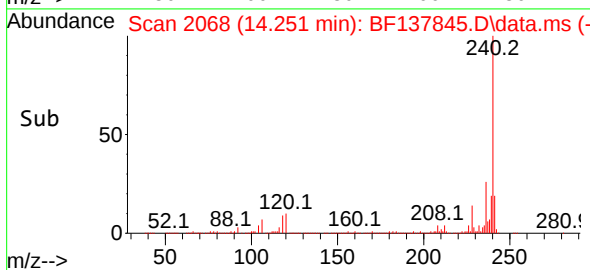
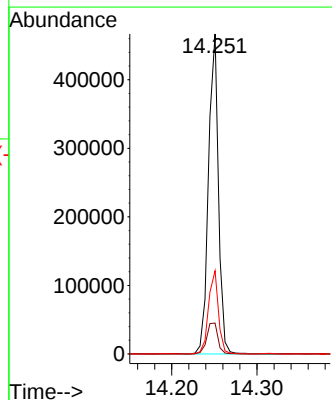
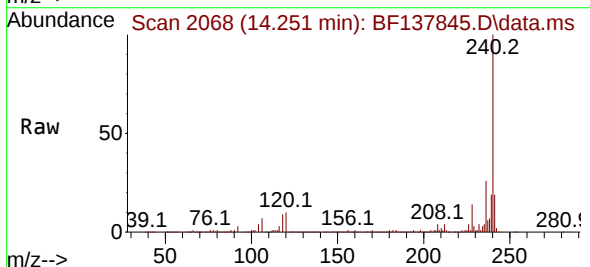
APPROVED

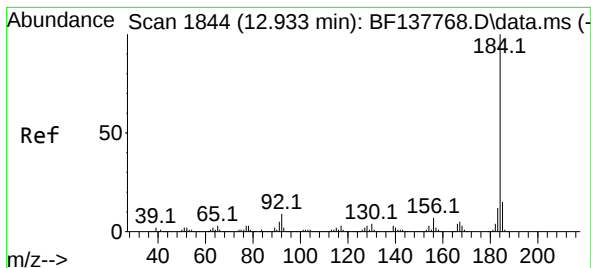
Reviewed By :Yogesh Patel 05/08/2024
Supervised By :mohammad ahmed 05/08/2024



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.251 min Scan# 2068
Delta R.T. -0.000 min
Lab File: BF137845.D
Acq: 07 May 2024 14:01

Tgt Ion:240 Resp: 378405
Ion Ratio Lower Upper
240 100
120 9.6 10.4 15.6#
236 26.0 20.4 30.6





#77

Benzidine

Concen: 18.799 ng

RT: 12.927 min Scan# 1843

Delta R.T. -0.006 min

Lab File: BF137845.D

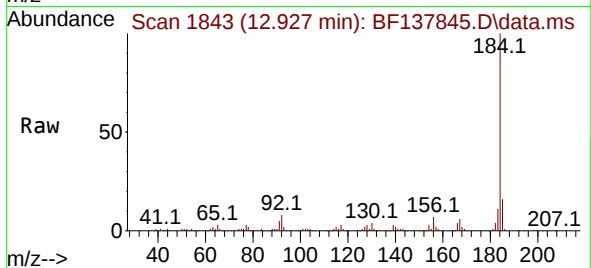
Acq: 07 May 2024 14:01

Instrument :

BNA_F

ClientSampleId :

PB160756BS



Tgt Ion:184 Resp: 164520

Ion Ratio Lower Upper

184 100

185 15.7 12.3 18.5

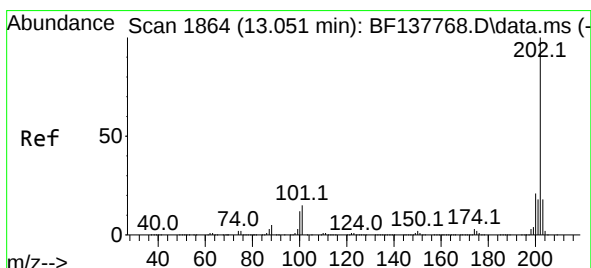
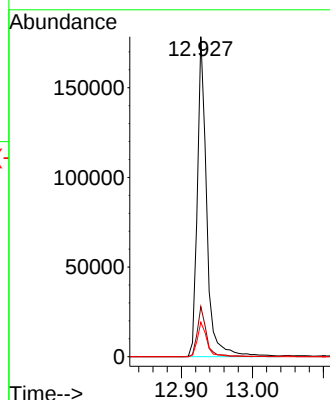
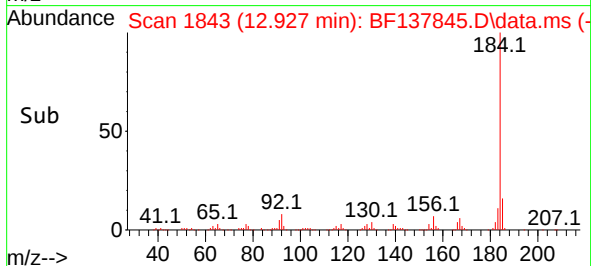
183 10.8 9.2 13.8

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 05/08/2024

Supervised By :mohammad ahmed 05/08/2024



#78

Pyrene

Concen: 48.563 ng

RT: 13.051 min Scan# 1864

Delta R.T. -0.000 min

Lab File: BF137845.D

Acq: 07 May 2024 14:01

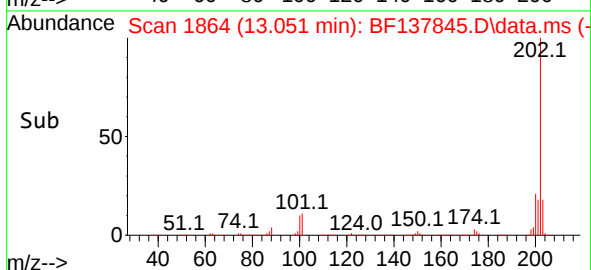
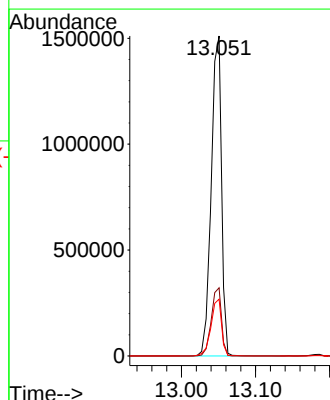
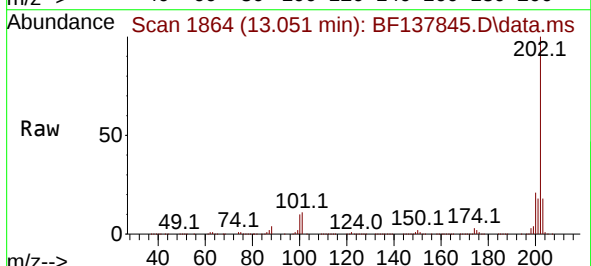
Tgt Ion:202 Resp: 1457026

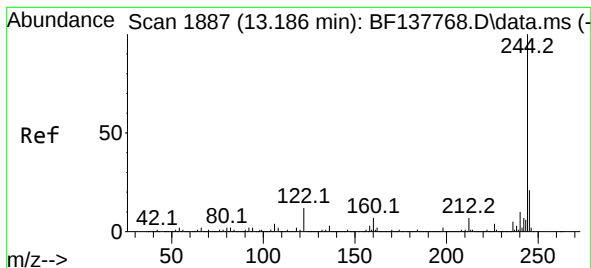
Ion Ratio Lower Upper

202 100

200 21.3 17.2 25.8

203 17.7 14.4 21.6





#79

Terphenyl-d14

Concen: 96.720 ng

RT: 13.186 min Scan# 1887

Delta R.T. -0.000 min

Lab File: BF137845.D

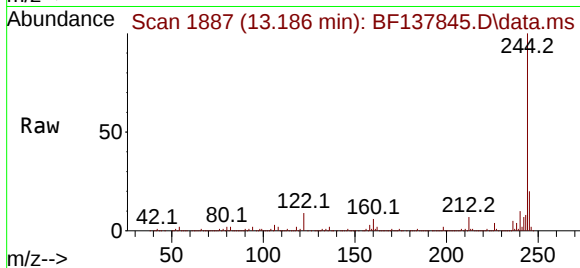
Acq: 07 May 2024 14:01

Instrument :

BNA_F

ClientSampleId :

PB160756BS



Tgt Ion:244 Resp: 2183909

Ion Ratio Lower Upper

244 100

212 6.9 5.5 8.3

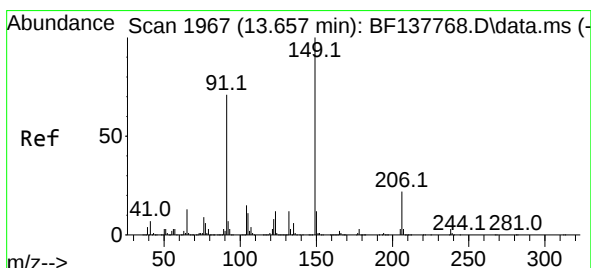
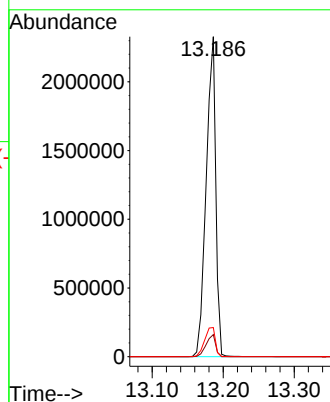
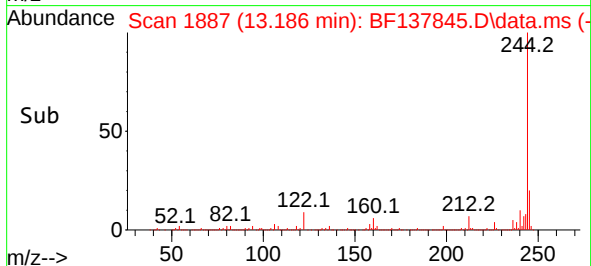
122 9.1 9.4 14.2

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 05/08/2024

Supervised By :mohammad ahmed 05/08/2024



#80

Butylbenzylphthalate

Concen: 59.054 ng

RT: 13.651 min Scan# 1966

Delta R.T. -0.006 min

Lab File: BF137845.D

Acq: 07 May 2024 14:01

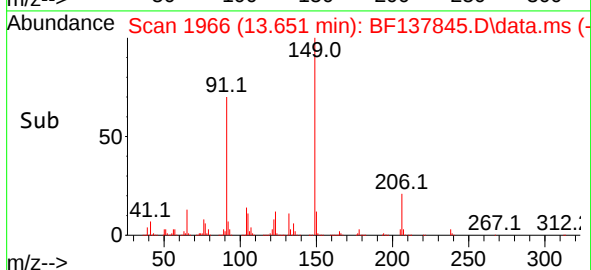
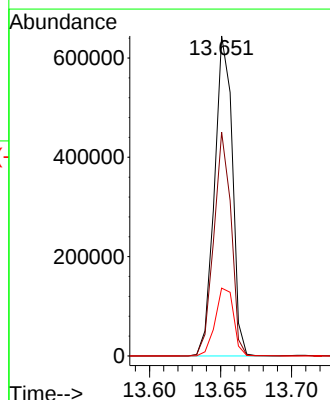
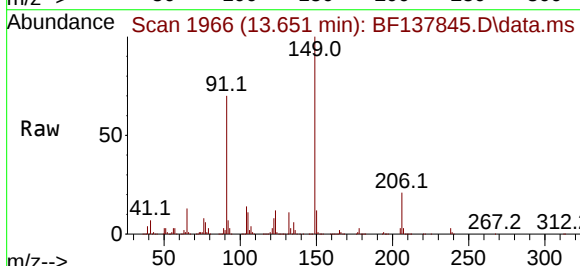
Tgt Ion:149 Resp: 562157

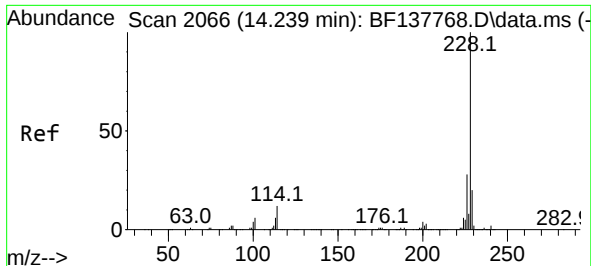
Ion Ratio Lower Upper

149 100

91 70.0 56.8 85.2

206 21.2 17.8 26.8





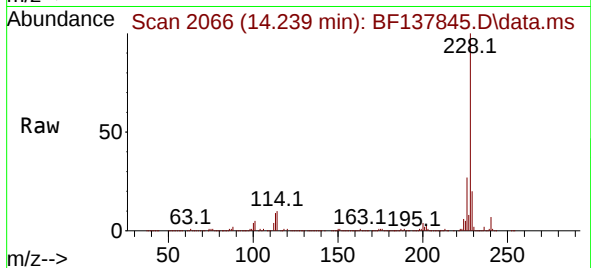
#81
Benzo(a)anthracene
Concen: 47.122 ng
RT: 14.239 min Scan# 2066
Delta R.T. -0.000 min
Lab File: BF137845.D
Acq: 07 May 2024 14:01

Instrument :

BNA_F

ClientSampleId :

PB160756BS



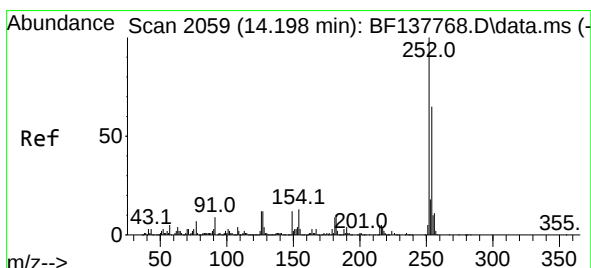
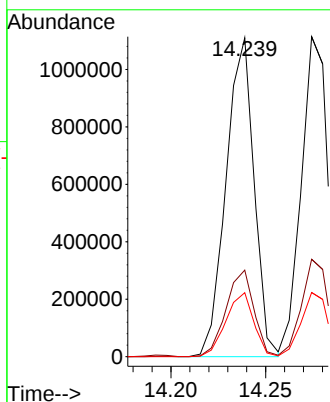
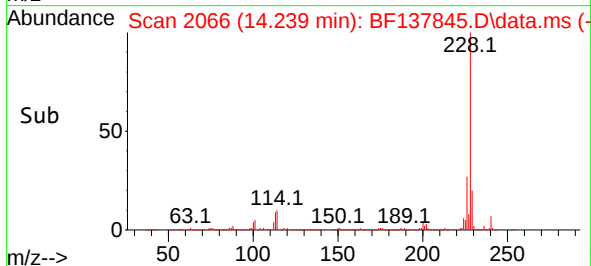
Tgt Ion:228 Resp: 1140460
Ion Ratio Lower Upper
228 100
226 27.1 22.2 33.2
229 20.1 16.3 24.5

Manual Integrations

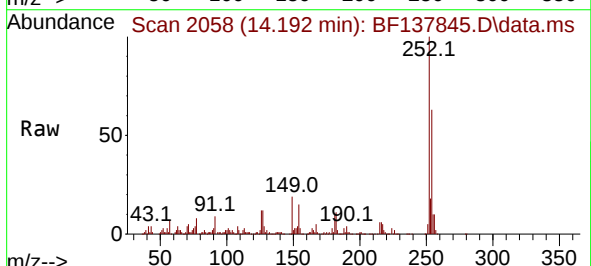
APPROVED

Reviewed By :Yogesh Patel 05/08/2024

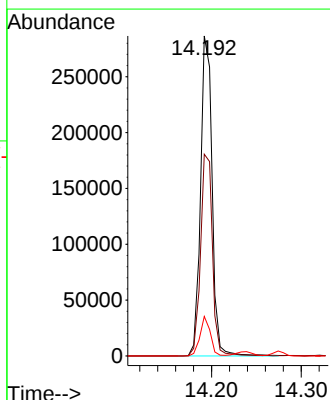
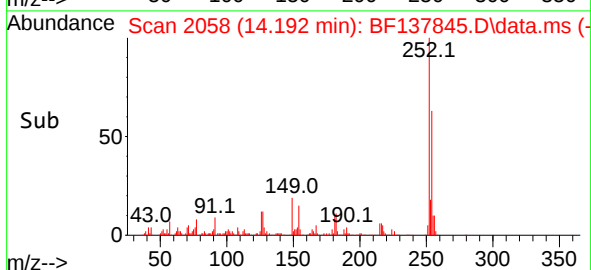
Supervised By :mohammad ahmed 05/08/2024

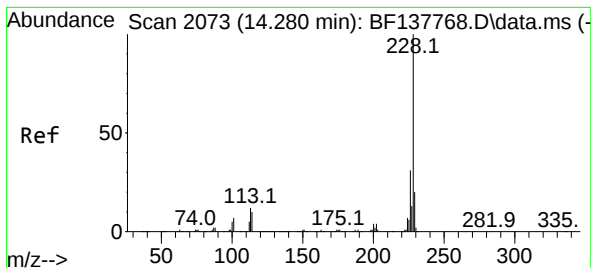


#82
3,3'-Dichlorobenzidine
Concen: 35.310 ng
RT: 14.192 min Scan# 2058
Delta R.T. -0.006 min
Lab File: BF137845.D
Acq: 07 May 2024 14:01



Tgt Ion:252 Resp: 255838
Ion Ratio Lower Upper
252 100
254 63.1 51.7 77.5
126 12.3 9.7 14.5





#83

Chrysene

Concen: 47.157 ng

RT: 14.274 min Scan# 2073

Delta R.T. -0.006 min

Lab File: BF137845.D

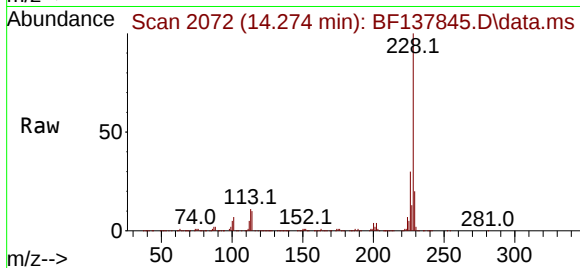
Acq: 07 May 2024 14:01

Instrument :

BNA_F

ClientSampleId :

PB160756BS



Tgt Ion:228 Resp: 1068640

Ion Ratio Lower Upper

228 100

226 30.4 24.8 37.2

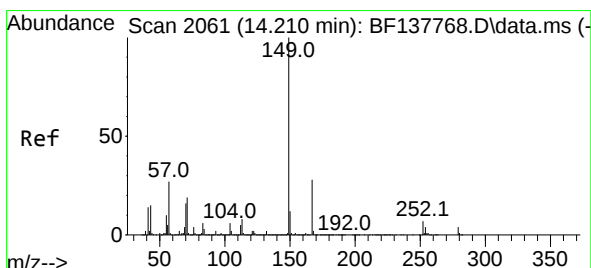
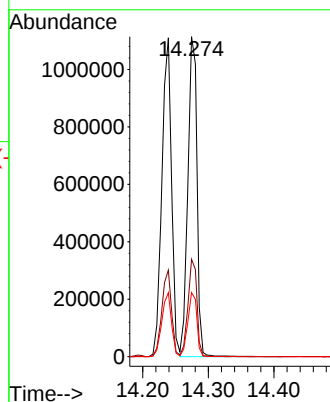
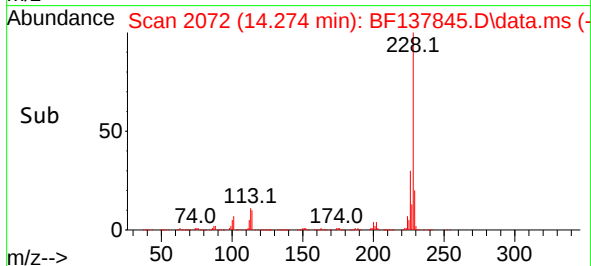
229 20.1 16.0 24.0

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 05/08/2024

Supervised By :mohammad ahmed 05/08/2024



#84

Bis(2-ethylhexyl)phthalate

Concen: 61.677 ng

RT: 14.204 min Scan# 2060

Delta R.T. -0.006 min

Lab File: BF137845.D

Acq: 07 May 2024 14:01

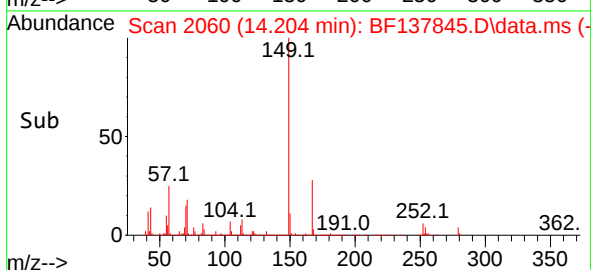
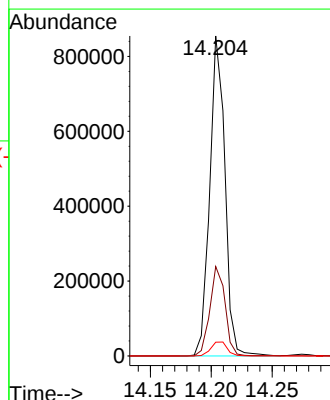
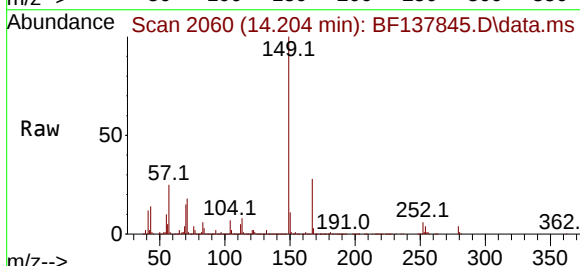
Tgt Ion:149 Resp: 739948

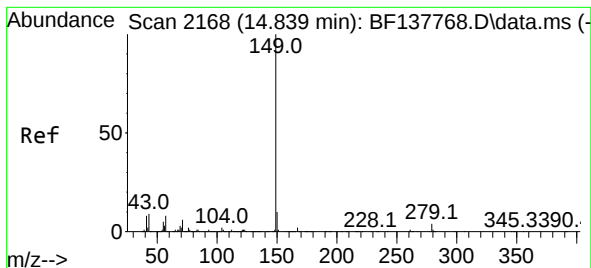
Ion Ratio Lower Upper

149 100

167 28.0 22.4 33.6

279 4.3 3.6 5.4





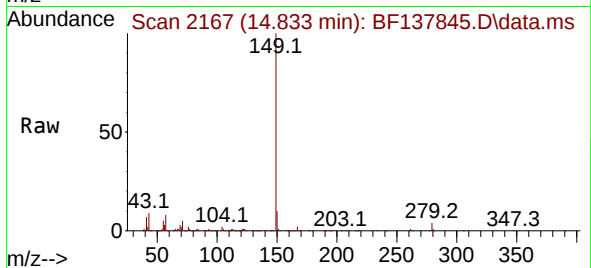
#85
Di-n-octyl phthalate
Concen: 63.319 ng
RT: 14.833 min Scan# 2167
Delta R.T. -0.006 min
Lab File: BF137845.D
Acq: 07 May 2024 14:01

Instrument :

BNA_F

ClientSampleId :

PB160756BS



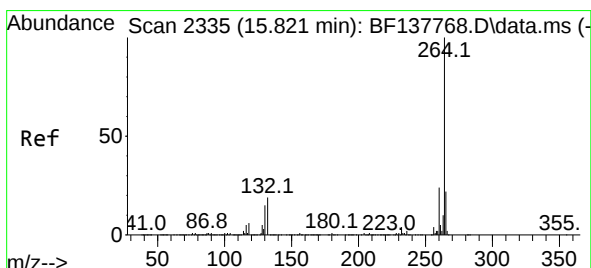
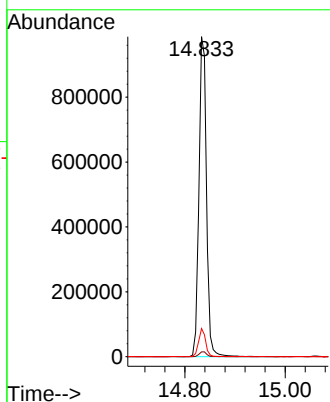
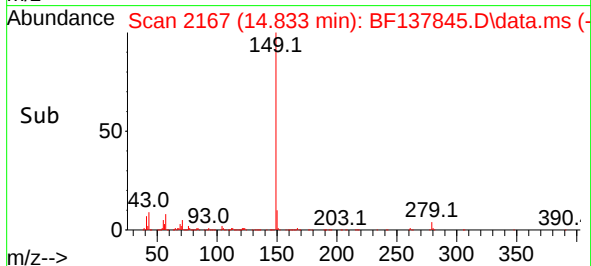
Tgt Ion:149 Resp: 102234
Ion Ratio Lower Upper
149 100
167 1.6 1.3 1.9
43 8.2 7.5 11.3

Manual Integrations

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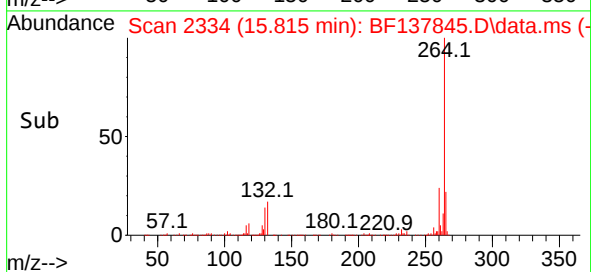
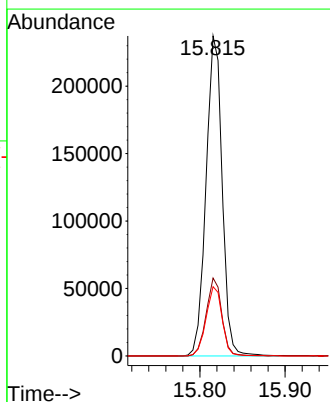
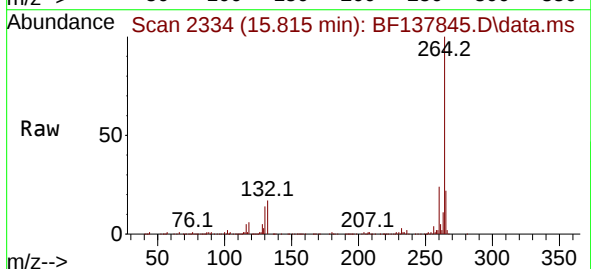
Reviewed By :Yogesh Patel 05/08/2024

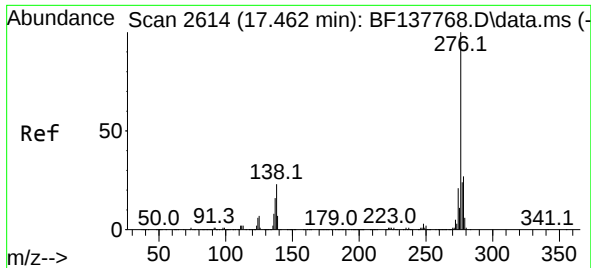
Supervised By :mohammad ahmed 05/08/2024



#86
Perylene-d12
Concen: 20.000 ng
RT: 15.815 min Scan# 2334
Delta R.T. -0.006 min
Lab File: BF137845.D
Acq: 07 May 2024 14:01

Tgt Ion:264 Resp: 311638
Ion Ratio Lower Upper
264 100
260 24.4 18.9 28.3
265 21.7 17.4 26.0





#87
Indeno(1,2,3-cd)pyrene
Concen: 52.424 ng
RT: 17.462 min Scan# 20
Delta R.T. -0.000 min
Lab File: BF137845.D
Acq: 07 May 2024 14:01

Instrument :

BNA_F

ClientSampleId :

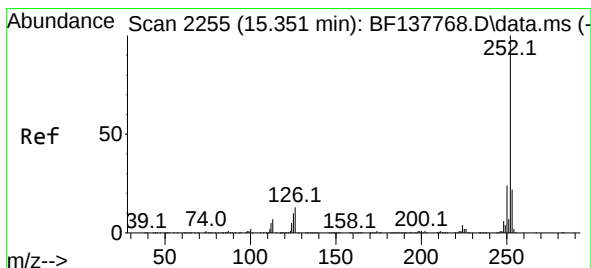
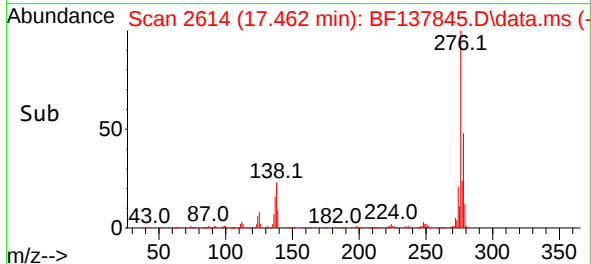
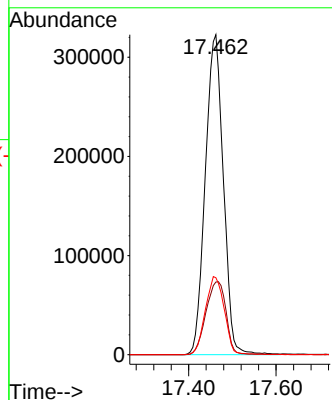
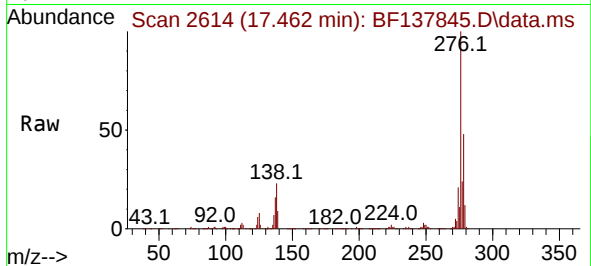
PB160756BS

Tgt Ion:276 Resp: 928820
Ion Ratio Lower Upper
276 100
138 25.4 21.4 32.0
277 25.5 20.1 30.1

Manual Integrations

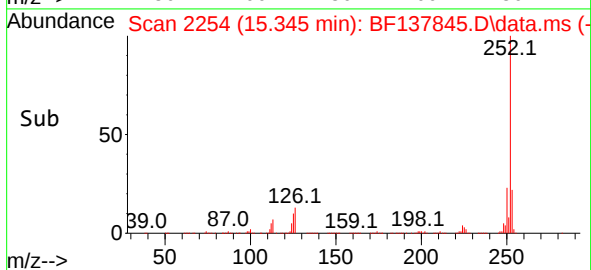
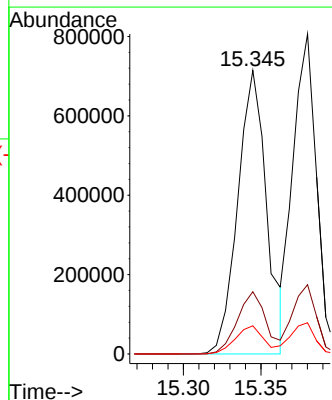
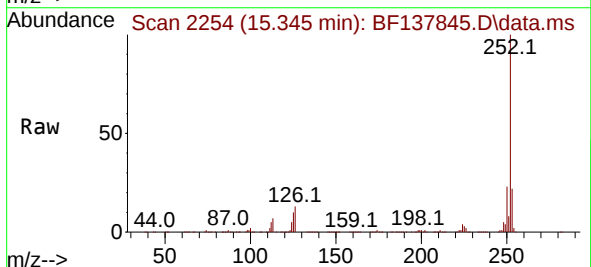
APPROVED

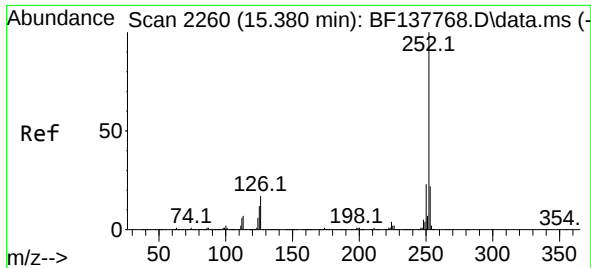
Reviewed By :Yogesh Patel 05/08/2024
Supervised By :mohammad ahmed 05/08/2024



#88
Benzo(b)fluoranthene
Concen: 47.798 ng
RT: 15.345 min Scan# 2254
Delta R.T. -0.006 min
Lab File: BF137845.D
Acq: 07 May 2024 14:01

Tgt Ion:252 Resp: 926759
Ion Ratio Lower Upper
252 100
253 22.0 17.5 26.3
125 9.9 7.9 11.9





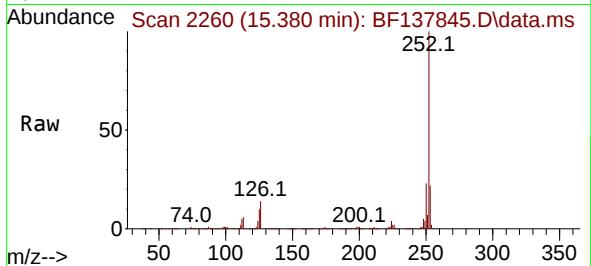
#89
Benzo(k)fluoranthene
Concen: 45.545 ng
RT: 15.380 min Scan# 21
Delta R.T. -0.000 min
Lab File: BF137845.D
Acq: 07 May 2024 14:01

Instrument :

BNA_F

ClientSampleId :

PB160756BS

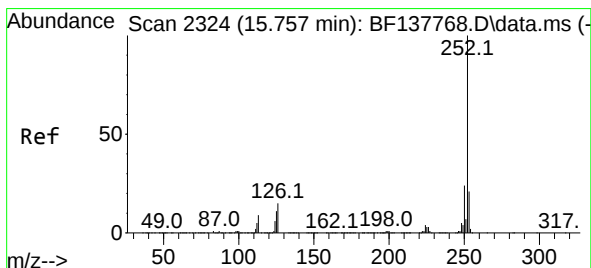
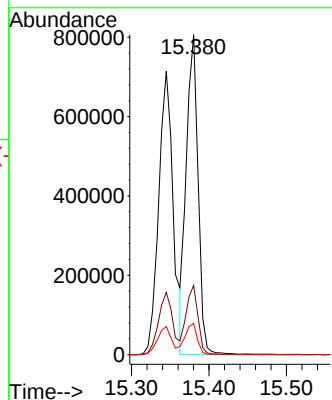
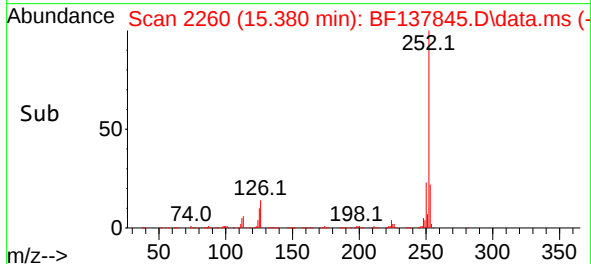


Tgt Ion:252 Resp: 85353
Ion Ratio Lower Upper
252 100
253 21.7 17.5 26.3
125 9.8 9.0 13.4

Manual Integrations

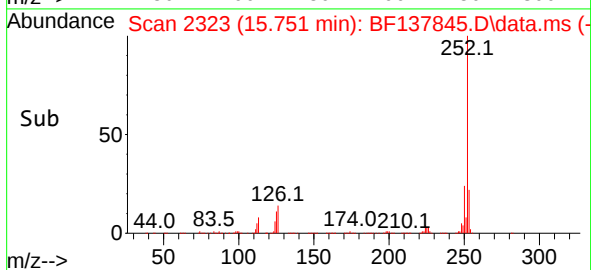
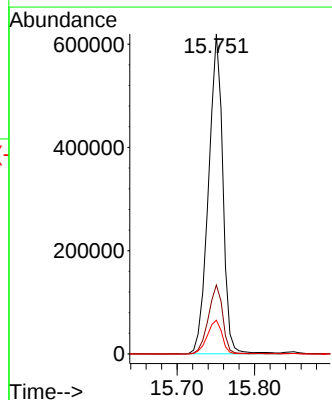
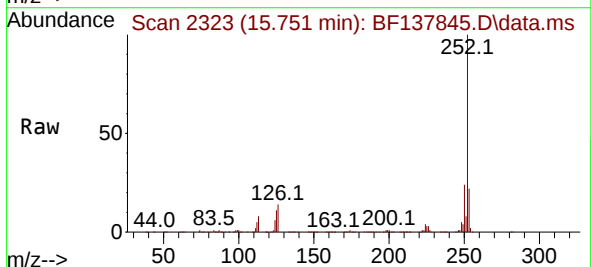
APPROVED

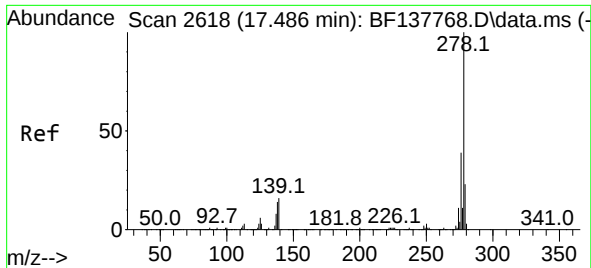
Reviewed By :Yogesh Patel 05/08/2024
Supervised By :mohammad ahmed 05/08/2024



#90
Benzo(a)pyrene
Concen: 50.325 ng
RT: 15.751 min Scan# 2323
Delta R.T. -0.006 min
Lab File: BF137845.D
Acq: 07 May 2024 14:01

Tgt Ion:252 Resp: 796061
Ion Ratio Lower Upper
252 100
253 21.5 17.1 25.7
125 10.5 9.0 13.6





#91
Dibenzo(a,h)anthracene
Concen: 52.671 ng
RT: 17.480 min Scan# 2618
Delta R.T. -0.006 min
Lab File: BF137845.D
Acq: 07 May 2024 14:01

Instrument :

BNA_F

ClientSampleId :

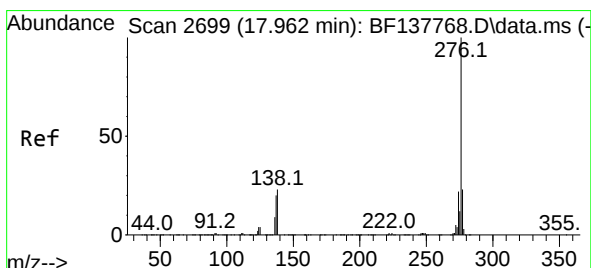
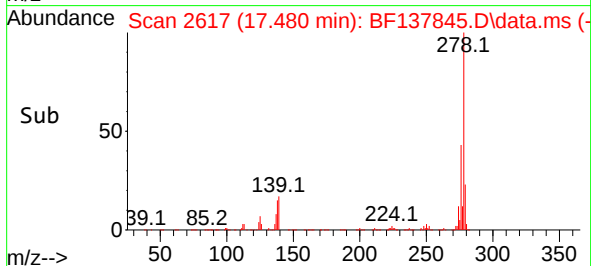
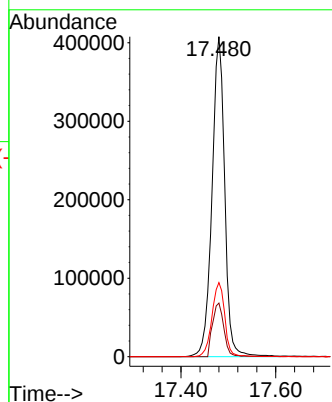
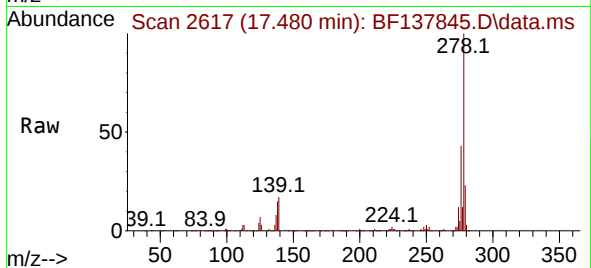
PB160756BS

Tgt Ion:278 Resp: 759598
Ion Ratio Lower Upper
278 100
139 16.8 13.0 19.6
279 23.2 18.7 28.1

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 05/08/2024
Supervised By :mohammad ahmed 05/08/2024



#92
Benzo(g,h,i)perylene
Concen: 47.232 ng
RT: 17.962 min Scan# 2699
Delta R.T. -0.000 min
Lab File: BF137845.D
Acq: 07 May 2024 14:01

Tgt Ion:276 Resp: 714067
Ion Ratio Lower Upper
276 100
277 23.2 18.0 27.0
138 21.7 18.1 27.1

