

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF011224\
 Data File : BF137046.D
 Acq On : 12 Jan 2024 13:57
 Operator : CG\JU
 Sample : PB158404BS
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB158404BS

Quant Time: Jan 12 15:00:13 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF122023.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Dec 21 01:54:25 2023
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By :Jagrut Upadhyay 01/15/2024
 Supervised By :mohammad ahmed 01/16/2024

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.787	152	71734	20.000	ng	0.00
21) Naphthalene-d8	8.063	136	278362	20.000	ng	0.00
39) Acenaphthene-d10	9.822	164	146380	20.000	ng	0.00
64) Phenanthrene-d10	11.316	188	277459	20.000	ng	0.00
76) Chrysene-d12	13.974	240	139833	20.000	ng	0.00
86) Perylene-d12	15.463	264	132142	20.000	ng	0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.446	112	520472	113.208	ng	0.02
7) Phenol-d6	6.445	99	654458	109.859	ng	0.00
23) Nitrobenzene-d5	7.357	82	401506	73.809	ng	0.00
42) 2,4,6-Tribromophenol	10.622	330	198916	115.384	ng	0.00
45) 2-Fluorobiphenyl	9.145	172	818165	75.176	ng	0.00
79) Terphenyl-d14	12.910	244	827190	82.668	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	2.622	88	63286	33.037	ng	95
3) Pyridine	3.399	79	142363	30.460	ng	96
4) n-Nitrosodimethylamine	3.357	42	86465	34.643	ng	99
6) Aniline	6.457	93	185552	31.153	ng	# 3
8) 2-Chlorophenol	6.581	128	201516	40.053	ng	93
9) Benzaldehyde	6.345	77	60389	17.822	ng	94
10) Phenol	6.457	94	241370	37.955	ng	94
11) bis(2-Chloroethyl)ether	6.528	93	187274	38.723	ng	97
12) 1,3-Dichlorobenzene	6.728	146	201148	36.649	ng	97
13) 1,4-Dichlorobenzene	6.804	146	205122	36.577	ng	97
14) 1,2-Dichlorobenzene	6.951	146	193756	37.130	ng	99
15) Benzyl Alcohol	6.940	79	154332	38.401	ng	98
16) 2,2'-oxybis(1-Chloropr...	7.063	45	295368	37.356	ng	78
17) 2-Methylphenol	7.051	107	166427	39.930	ng	96
18) Hexachloroethane	7.287	117	73675	36.174	ng	99
19) n-Nitroso-di-n-propyla...	7.204	70	140801	38.990	ng	97
20) 3+4-Methylphenols	7.210	107	208713	40.082	ng	# 54
22) Acetophenone	7.198	105	281172	40.299	ng	# 89
24) Nitrobenzene	7.375	77	202366	37.136	ng	93
25) Isophorone	7.610	82	375699	37.956	ng	99
26) 2-Nitrophenol	7.687	139	107681	41.302	ng	98
27) 2,4-Dimethylphenol	7.728	122	180382	56.830	ng	97
28) bis(2-Chloroethoxy)met...	7.816	93	232554	38.651	ng	99
29) 2,4-Dichlorophenol	7.934	162	166404	40.722	ng	96
30) 1,2,4-Trichlorobenzene	8.004	180	171587	37.687	ng	95
31) Naphthalene	8.087	128	579979	37.926	ng	99
32) Benzoic acid	7.887	122	116106	37.805	ng	94
33) 4-Chloroaniline	8.139	127	121920	21.593	ng	98
34) Hexachlorobutadiene	8.198	225	102931	37.210	ng	97
35) Caprolactam	8.522	113	55774m	41.373	ng	
36) 4-Chloro-3-methylphenol	8.639	107	185028	40.220	ng	99
37) 2-Methylnaphthalene	8.775	142	379568	38.567	ng	100
38) 1-Methylnaphthalene	8.875	142	351814	36.436	ng	99
40) 1,2,4,5-Tetrachloroben...	8.945	216	179963	39.698	ng	99
41) Hexachlorocyclopentadiene	8.928	237	96725	67.719	ng	98
43) 2,4,6-Trichlorophenol	9.069	196	118390	40.722	ng	98

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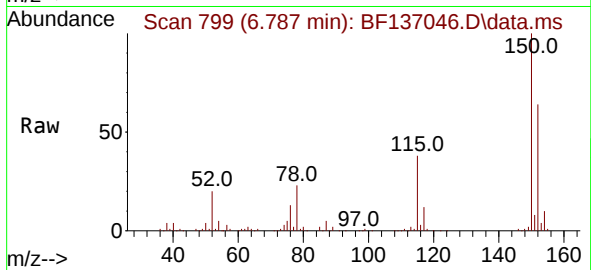
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.116	196	123012	37.969	ng	96
46) 1,1'-Biphenyl	9.245	154	488875	39.799	ng	98
47) 2-Chloronaphthalene	9.269	162	355822	38.104	ng	99
48) 2-Nitroaniline	9.375	65	115381	39.457	ng	97
49) Acenaphthylene	9.686	152	571617	40.048	ng	100
50) Dimethylphthalate	9.551	163	426301	39.871	ng	99
51) 2,6-Dinitrotoluene	9.622	165	92494	38.117	ng	95
52) Acenaphthene	9.857	154	344057	38.887	ng	99
53) 3-Nitroaniline	9.792	138	76792	29.875	ng	90
54) 2,4-Dinitrophenol	9.910	184	83444	62.885	ng	95
55) Dibenzofuran	10.033	168	516156	38.485	ng	97
56) 4-Nitrophenol	9.975	139	104200	60.050	ng	92
57) 2,4-Dinitrotoluene	10.028	165	117210	37.208	ng	# 86
58) Fluorene	10.375	166	421708	39.628	ng	99
59) 2,3,4,6-Tetrachlorophenol	10.157	232	105521	42.311	ng	96
60) Diethylphthalate	10.251	149	430772	38.831	ng	98
61) 4-Chlorophenyl-phenyle...	10.363	204	204128	39.463	ng	99
62) 4-Nitroaniline	10.410	138	84771	34.210	ng	95
63) Azobenzene	10.528	77	386428	37.295	ng	98
65) 4,6-Dinitro-2-methylph...	10.445	198	62270	39.161	ng	87
66) n-Nitrosodiphenylamine	10.492	169	374227	41.520	ng	98
67) 4-Bromophenyl-phenylether	10.857	248	126715	41.123	ng	96
68) Hexachlorobenzene	10.928	284	136255	39.679	ng	96
69) Atrazine	11.028	200	157065	68.132	ng	99
70) Pentachlorophenol	11.133	266	113913	71.169	ng	95
71) Phenanthrene	11.345	178	587740	41.284	ng	99
72) Anthracene	11.398	178	586813	40.700	ng	99
73) Carbazole	11.557	167	522966	38.472	ng	99
74) Di-n-butylphthalate	11.880	149	668214	40.285	ng	99
75) Fluoranthene	12.539	202	569862	37.421	ng	99
77) Benzidine	12.663	184	73198	17.753	ng	97
78) Pyrene	12.769	202	570638	41.571	ng	99
80) Butylbenzylphthalate	13.386	149	213020	42.648	ng	99
81) Benzo(a)anthracene	13.963	228	402530	41.456	ng	99
82) 3,3'-Dichlorobenzidine	13.927	252	109932	39.866	ng	97
83) Chrysene	14.004	228	371985	39.176	ng	97
84) Bis(2-ethylhexyl)phtha...	13.945	149	282497	44.952	ng	98
85) Di-n-octyl phthalate	14.563	149	428938	44.124	ng	98
87) Indeno(1,2,3-cd)pyrene	16.998	276	459199	48.130	ng	99
88) Benzo(b)fluoranthene	15.027	252	352701	39.962	ng	100
89) Benzo(k)fluoranthene	15.057	252	345031	41.372	ng	99
90) Benzo(a)pyrene	15.398	252	318755	42.786	ng	99
91) Dibenzo(a,h)anthracene	17.009	278	381733	48.769	ng	97
92) Benzo(g,h,i)perylene	17.456	276	387359	48.318	ng	99

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



#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.787 min Scan# 79
Delta R.T. -0.005 min
Lab File: BF137046.D
Acq: 12 Jan 2024 13:57

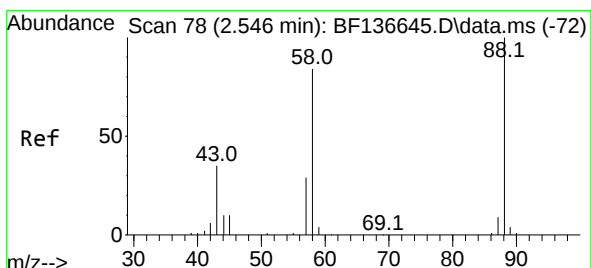
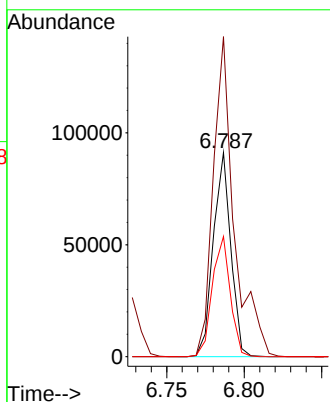
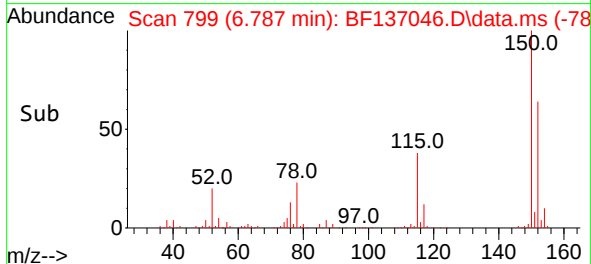
Instrument :
BNA_F
ClientSampleId :
PB158404BS



Tgt Ion:152 Resp: 71734
Ion Ratio Lower Upper
152 100
150 156.7 127.0 190.6
115 58.8 49.0 73.4

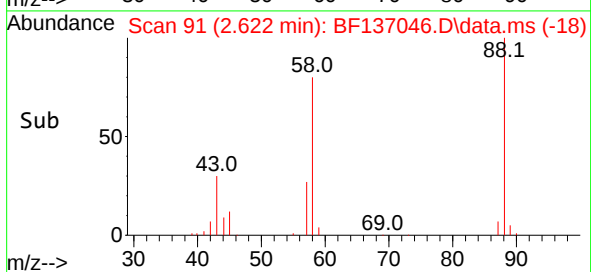
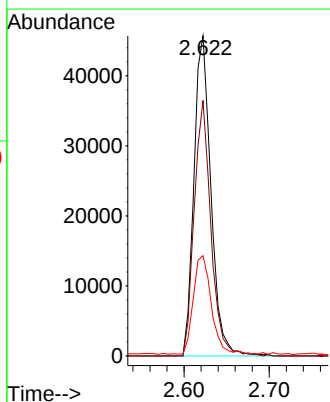
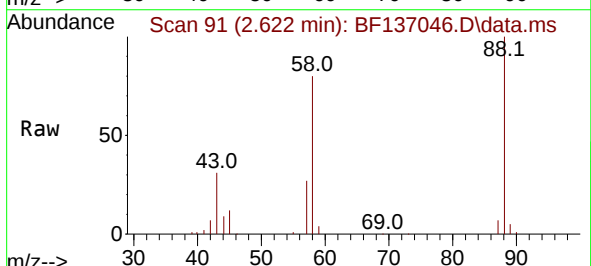
Manual Integrations
APPROVED

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Supervised By :mohammad ahmed 01/16/2024



#2
1,4-Dioxane
Concen: 33.037 ng
RT: 2.622 min Scan# 91
Delta R.T. 0.077 min
Lab File: BF137046.D
Acq: 12 Jan 2024 13:57

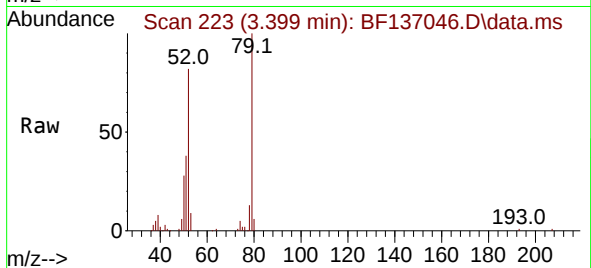
Tgt Ion: 88 Resp: 63286
Ion Ratio Lower Upper
88 100
58 78.6 67.4 101.0
43 32.5 27.7 41.5





#3
Pyridine
Concen: 30.460 ng
RT: 3.399 min Scan# 216
Delta R.T. 0.094 min
Lab File: BF137046.D
Acq: 12 Jan 2024 13:57

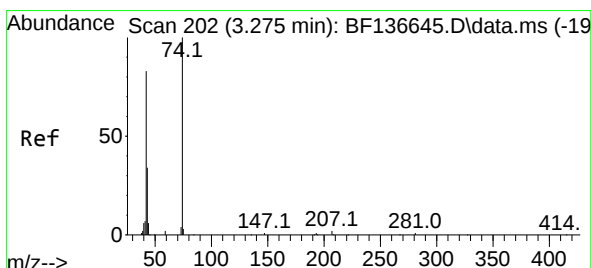
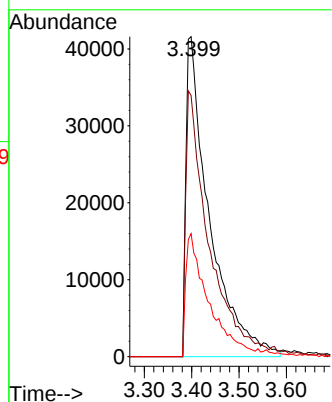
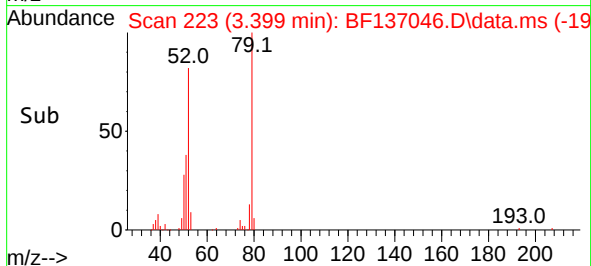
Instrument :
BNA_F
ClientSampleId :
PB158404BS



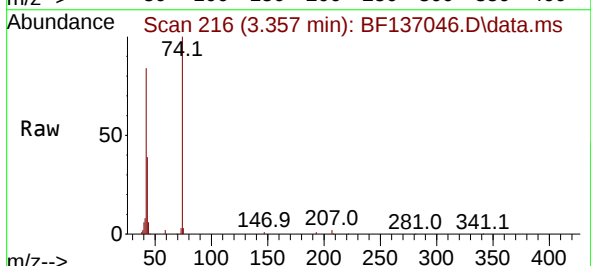
Tgt Ion: 79 Resp: 14236
Ion Ratio Lower Upper
79 100
52 81.7 67.7 101.5
51 38.4 34.0 51.0

Manual Integrations
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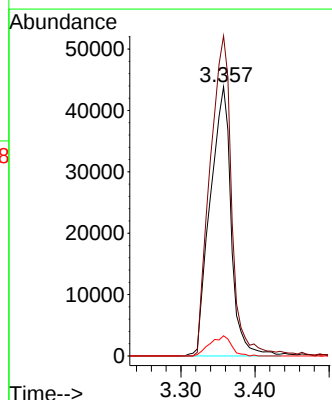
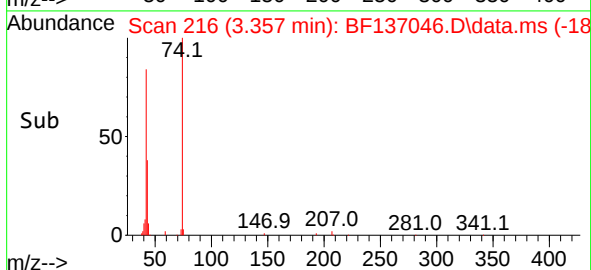
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Supervised By :mohammad ahmed 01/16/2024

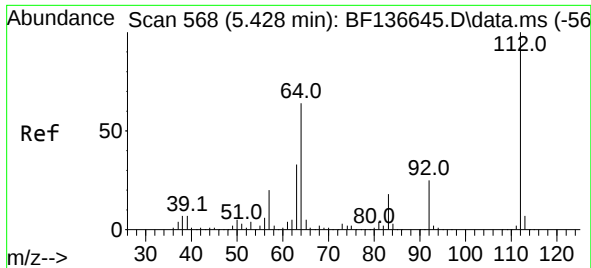


#4
n-Nitrosodimethylamine
Concen: 34.643 ng
RT: 3.357 min Scan# 216
Delta R.T. 0.083 min
Lab File: BF137046.D
Acq: 12 Jan 2024 13:57



Tgt Ion: 42 Resp: 86465
Ion Ratio Lower Upper
42 100
74 118.9 96.0 144.0
44 7.5 5.4 8.2





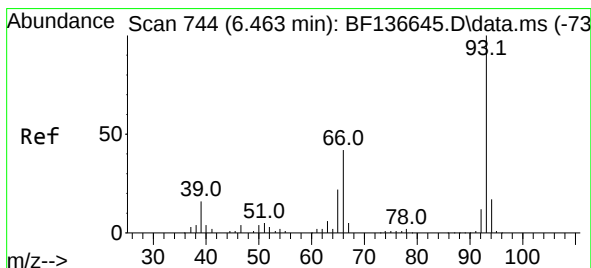
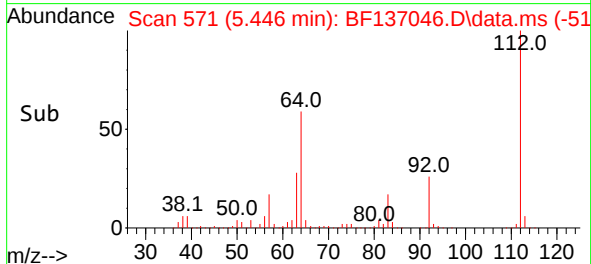
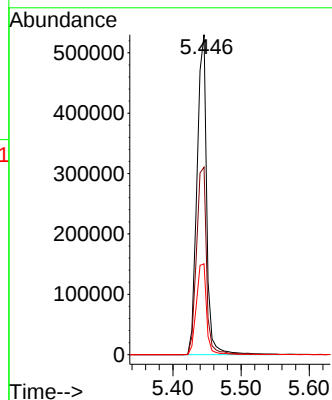
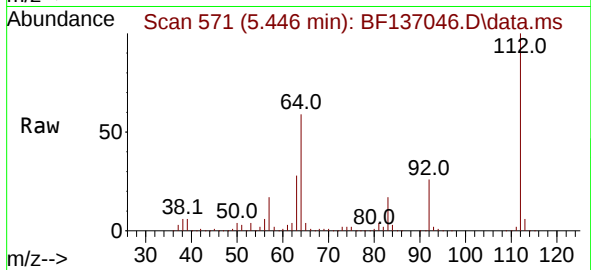
#5
2-Fluorophenol
Concen: 113.208 ng
RT: 5.446 min Scan# 51
Delta R.T. 0.018 min
Lab File: BF137046.D
Acq: 12 Jan 2024 13:57

Instrument :
BNA_F
ClientSampleId :
PB158404BS

Tgt Ion:112 Resp: 520472
Ion Ratio Lower Upper
112 100
64 58.6 51.1 76.7
63 28.4 26.1 39.1

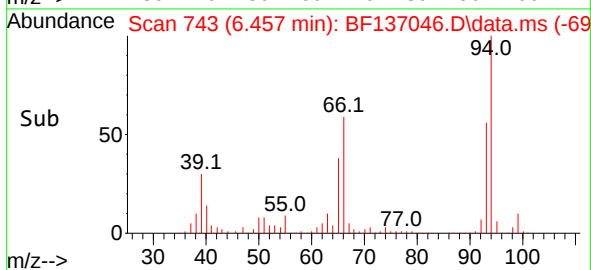
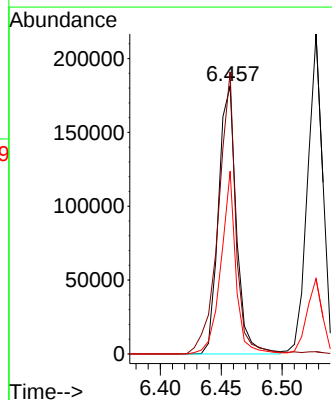
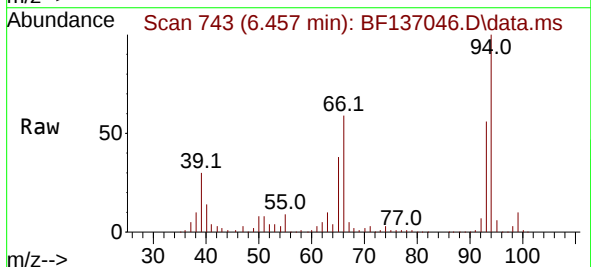
Manual Integrations
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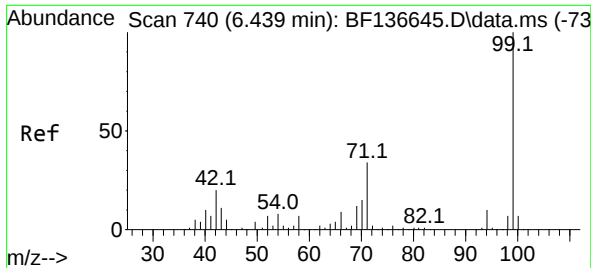
Reviewed By :Jagrut Upadhyay 01/15/2024
Supervised By :mohammad ahmed 01/16/2024



#6
Aniline
Concen: 31.153 ng
RT: 6.457 min Scan# 743
Delta R.T. -0.006 min
Lab File: BF137046.D
Acq: 12 Jan 2024 13:57

Tgt Ion: 93 Resp: 185552
Ion Ratio Lower Upper
93 100
66 105.3 34.6 51.8#
65 68.2 17.8 26.8#





#7

Phenol-d6

Concen: 109.859 ng

RT: 6.445 min Scan# 741

Delta R.T. 0.006 min

Lab File: BF137046.D

Acq: 12 Jan 2024 13:57

Instrument :

BNA_F

ClientSampleId :

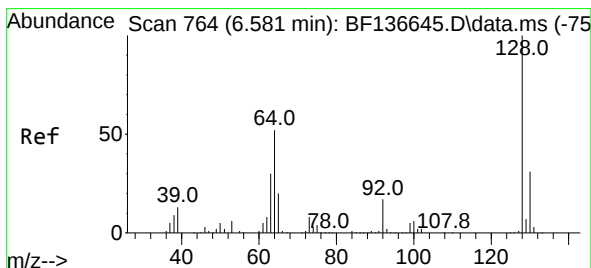
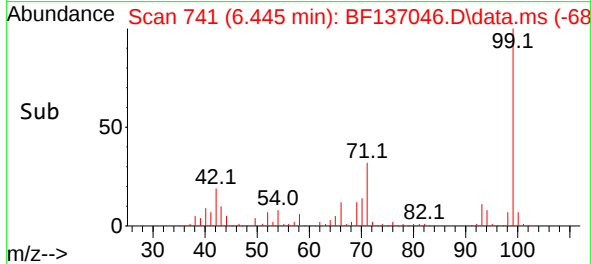
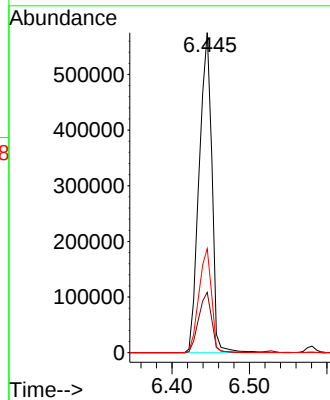
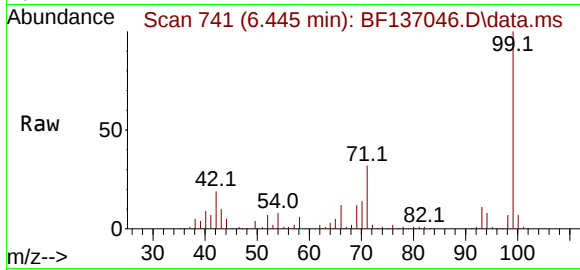
PB158404BS

Tgt Ion:	99	Resp:	65445
Ion	Ratio	Lower	Upper
99	100		
42	18.8	16.1	24.1
71	32.5	27.4	41.2

Manual Integrations

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#8

2-Chlorophenol

Concen: 40.053 ng

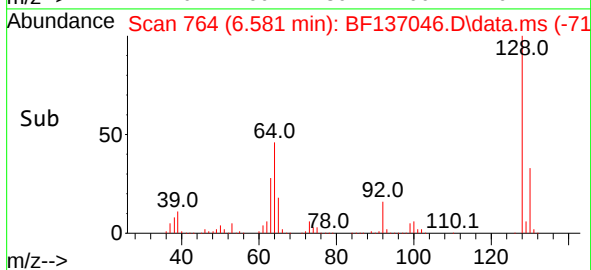
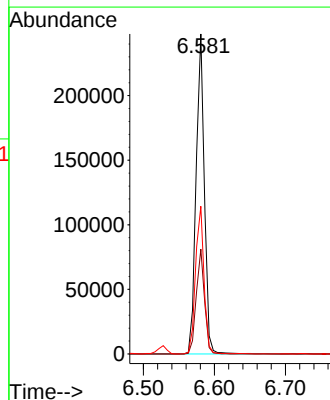
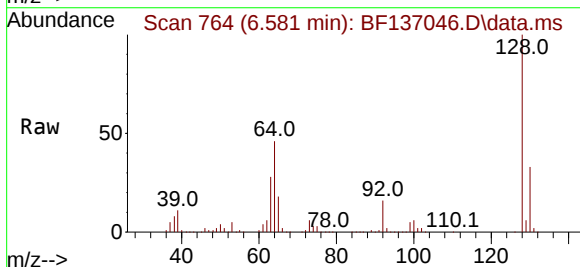
RT: 6.581 min Scan# 764

Delta R.T. 0.000 min

Lab File: BF137046.D

Acq: 12 Jan 2024 13:57

Tgt Ion:	128	Resp:	201516
Ion	Ratio	Lower	Upper
128	100		
130	32.8	11.3	51.3
64	46.2	32.5	72.5





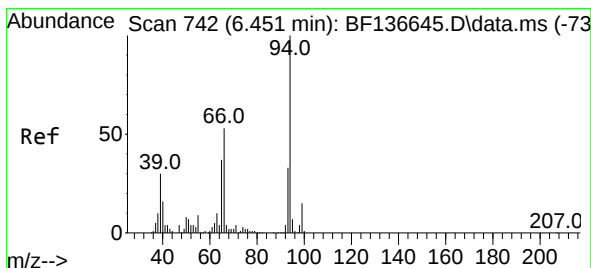
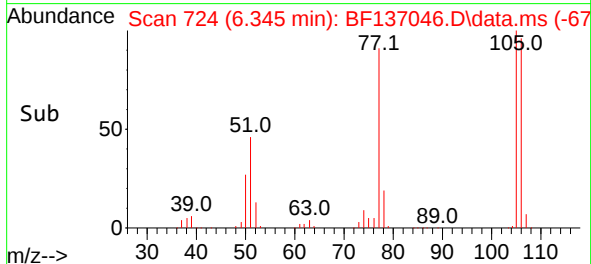
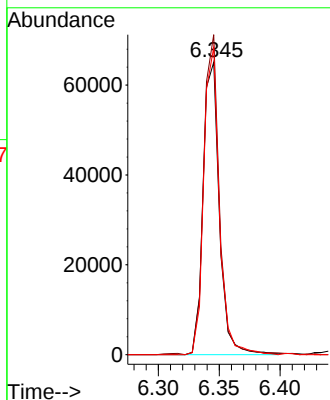
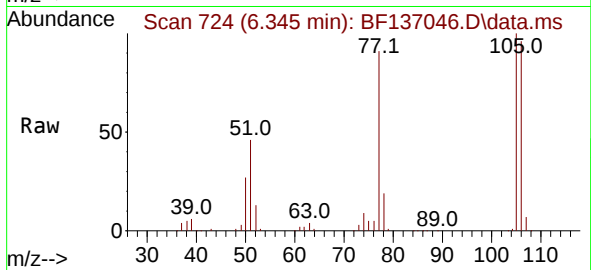
#9
Benzaldehyde
Concen: 17.822 ng
RT: 6.345 min Scan# 71
Delta R.T. -0.006 min
Lab File: BF137046.D
Acq: 12 Jan 2024 13:57

Instrument :
BNA_F
ClientSampleId :
PB158404BS

Tgt Ion: 77 Resp: 60389
Ion Ratio Lower Upper
77 100
105 109.4 84.8 124.8
106 105.1 77.8 117.8

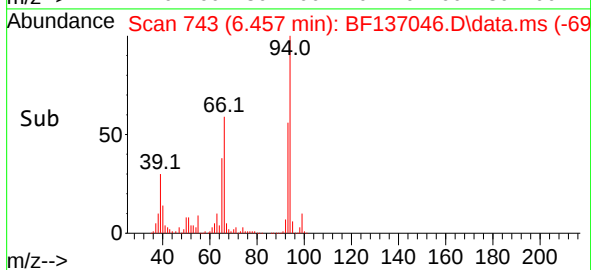
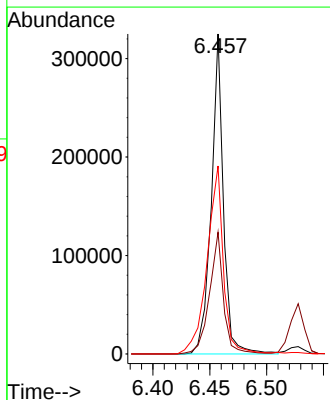
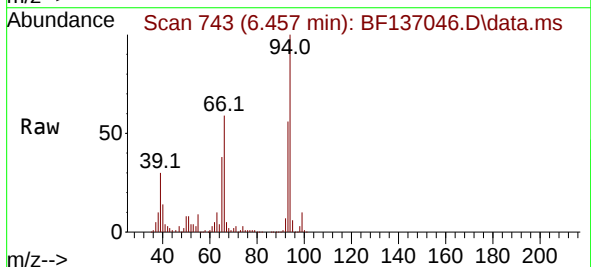
Manual Integrations
APPROVED

Reviewed By :Jagrut Upadhyay 01/15/2024
Supervised By :mohammad ahmed 01/16/2024



#10
Phenol
Concen: 37.955 ng
RT: 6.457 min Scan# 743
Delta R.T. 0.006 min
Lab File: BF137046.D
Acq: 12 Jan 2024 13:57

Tgt Ion: 94 Resp: 241370
Ion Ratio Lower Upper
94 100
65 38.1 16.6 56.6
66 58.8 32.6 72.6





#11

bis(2-Chloroethyl)ether

Concen: 38.723 ng

RT: 6.528 min Scan# 756

Delta R.T. -0.006 min

Lab File: BF137046.D

Acq: 12 Jan 2024 13:57

Instrument :

BNA_F

ClientSampleId :

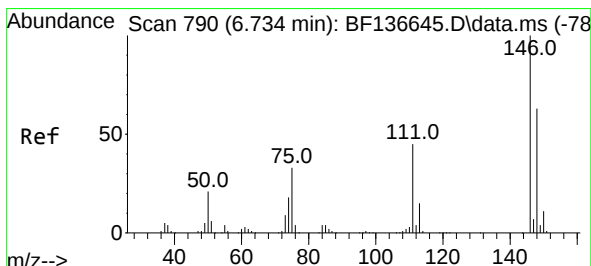
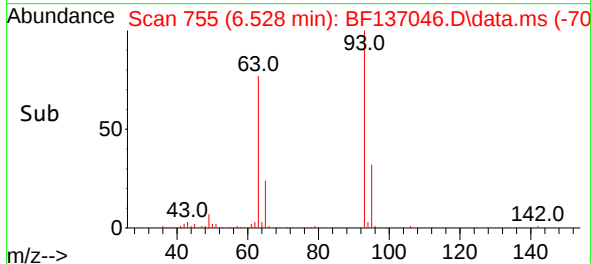
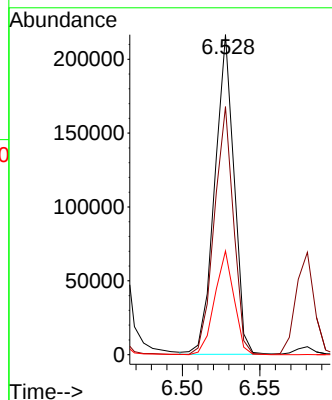
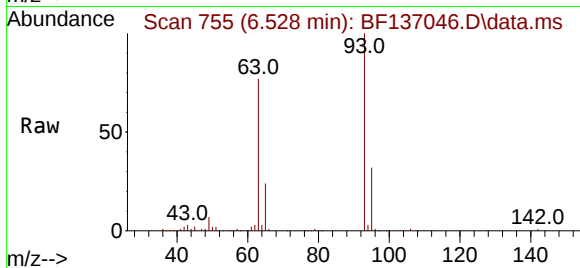
PB158404BS

Tgt Ion: 93	Resp: 187274
Ion Ratio	Lower Upper
93	100
63	77.5 61.2 101.2
95	32.4 11.6 51.6

Manual Integrations

APPROVED

Reviewed By :Jagrut Upadhyay 01/15/2024
Supervised By :mohammad ahmed 01/16/2024



#12

1,3-Dichlorobenzene

Concen: 36.649 ng

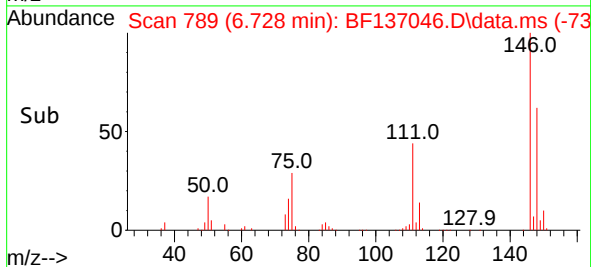
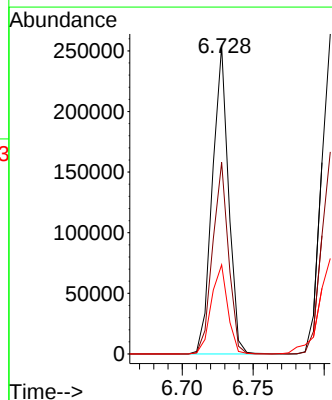
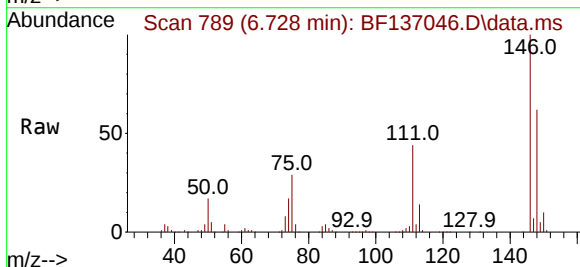
RT: 6.728 min Scan# 789

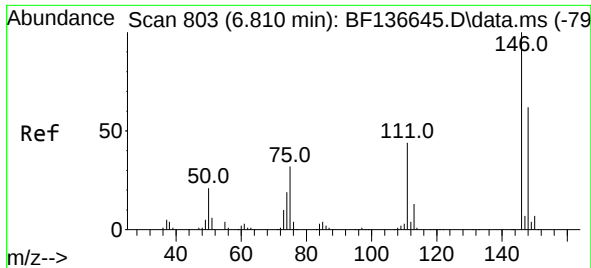
Delta R.T. -0.006 min

Lab File: BF137046.D

Acq: 12 Jan 2024 13:57

Tgt Ion:146	Resp: 201148
Ion Ratio	Lower Upper
146	100
148	62.1 50.5 75.7
75	28.9 26.2 39.4





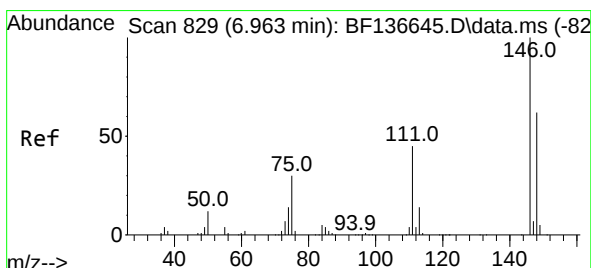
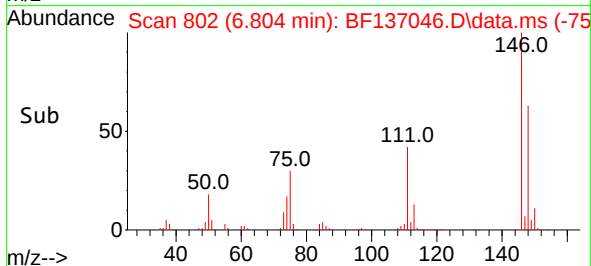
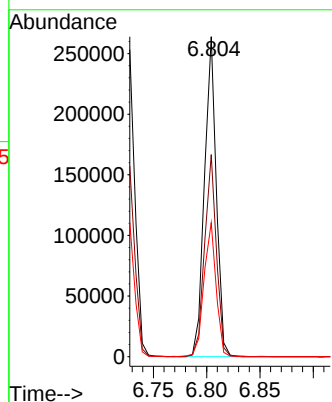
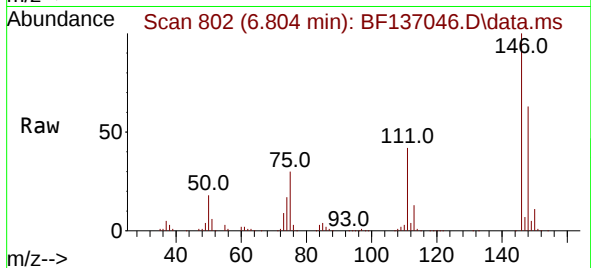
#13
1,4-Dichlorobenzene
Concen: 36.577 ng
RT: 6.804 min Scan# 803
Delta R.T. -0.006 min
Lab File: BF137046.D
Acq: 12 Jan 2024 13:57

Instrument :
BNA_F
ClientSampleId :
PB158404BS

Tgt Ion:146 Resp: 20512
Ion Ratio Lower Upper
146 100
148 63.2 49.2 73.8
111 41.9 35.2 52.8

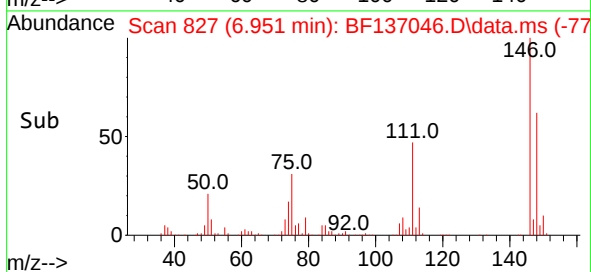
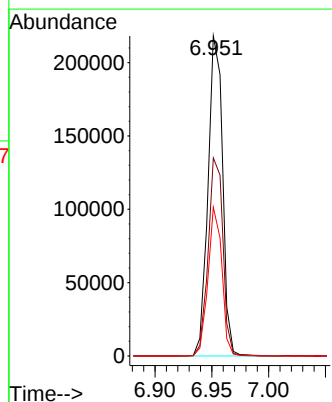
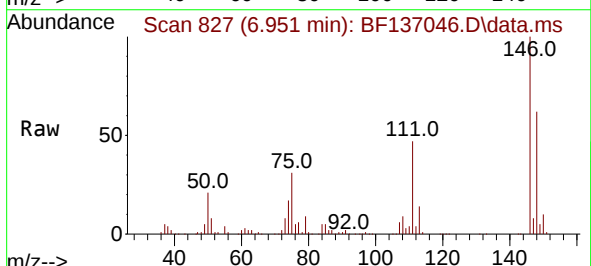
Manual Integrations
APPROVED

Reviewed By :Jagrut Upadhyay 01/15/2024
Supervised By :mohammad ahmed 01/16/2024



#14
1,2-Dichlorobenzene
Concen: 37.130 ng
RT: 6.951 min Scan# 827
Delta R.T. -0.012 min
Lab File: BF137046.D
Acq: 12 Jan 2024 13:57

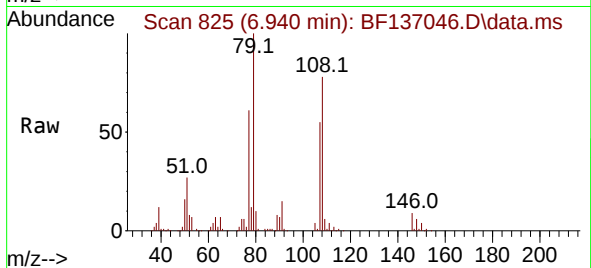
Tgt Ion:146 Resp: 193756
Ion Ratio Lower Upper
146 100
148 61.9 49.6 74.4
111 46.5 36.2 54.2





#15
Benzyl Alcohol
Concen: 38.401 ng
RT: 6.940 min Scan# 81
Delta R.T. 0.000 min
Lab File: BF137046.D
Acq: 12 Jan 2024 13:57

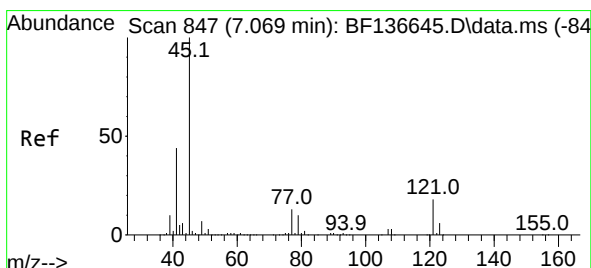
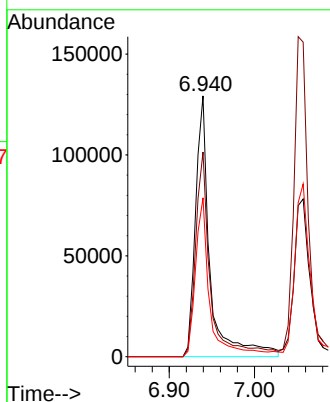
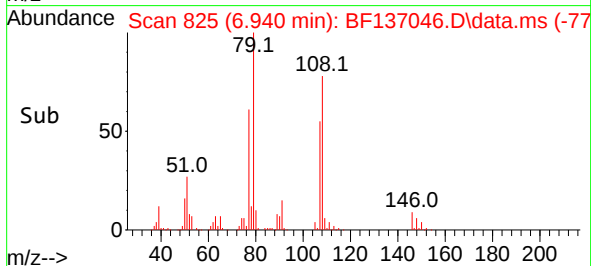
Instrument :
BNA_F
ClientSampleId :
PB158404BS



Tgt Ion: 79 Resp: 15433
Ion Ratio Lower Upper
79 100
108 78.4 61.0 91.6
77 60.9 49.8 74.8

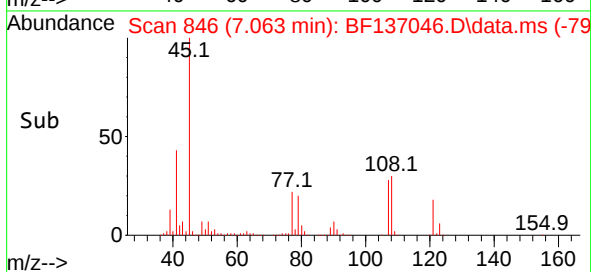
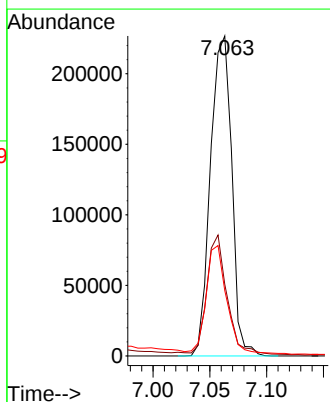
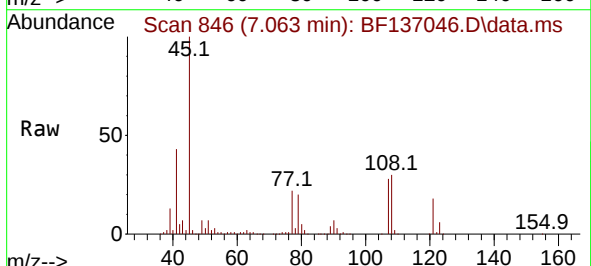
Manual Integrations
APPROVED

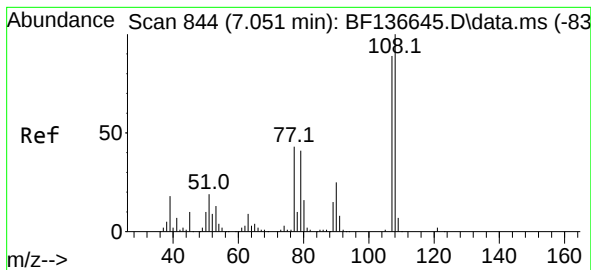
Reviewed By :Jagrut Upadhyay 01/15/2024
Supervised By :mohammad ahmed 01/16/2024



#16
2,2'-oxybis(1-Chloropropane)
Concen: 37.356 ng
RT: 7.063 min Scan# 846
Delta R.T. -0.006 min
Lab File: BF137046.D
Acq: 12 Jan 2024 13:57

Tgt Ion: 45 Resp: 295368
Ion Ratio Lower Upper
45 100
77 22.4 0.0 34.3
79 20.4 0.0 31.4





#17

2-Methylphenol

Concen: 39.930 ng

RT: 7.051 min Scan# 844

Delta R.T. 0.000 min

Lab File: BF137046.D

Acq: 12 Jan 2024 13:57

Instrument :

BNA_F

ClientSampleId :

PB158404BS

Tgt Ion:107 Resp: 16642

Ion Ratio Lower Upper

107 100

108 113.1 90.3 135.5

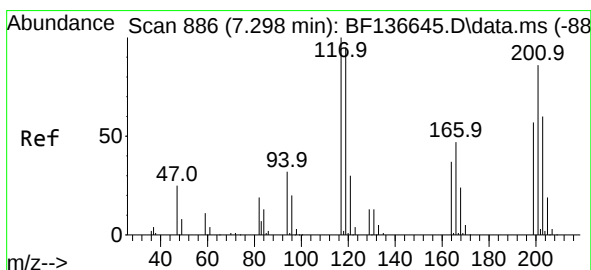
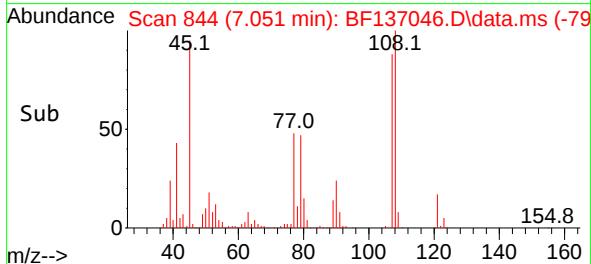
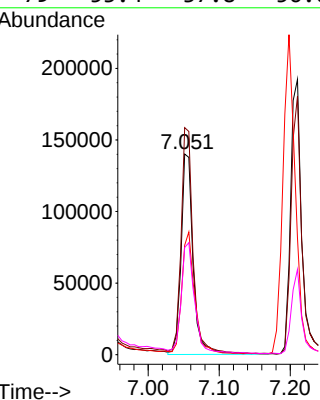
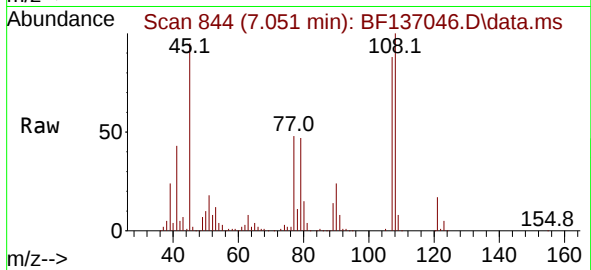
77 54.5 38.7 58.1

79 53.4 37.8 56.6

Manual Integrations

APPROVED

Reviewed By :Jagrut Upadhyay 01/15/2024
Supervised By :mohammad ahmed 01/16/2024



#18

Hexachloroethane

Concen: 36.174 ng

RT: 7.287 min Scan# 884

Delta R.T. -0.012 min

Lab File: BF137046.D

Acq: 12 Jan 2024 13:57

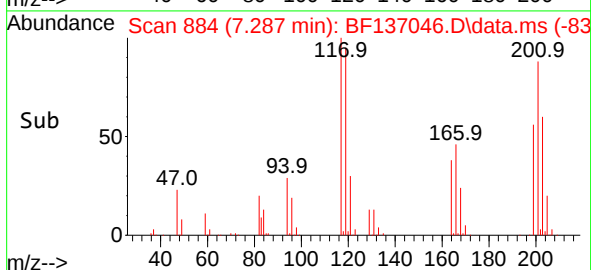
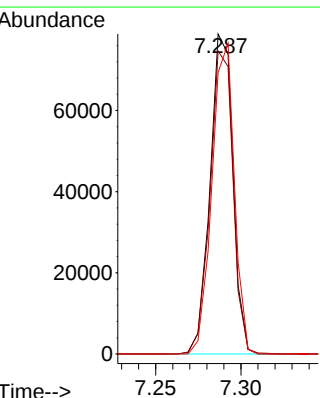
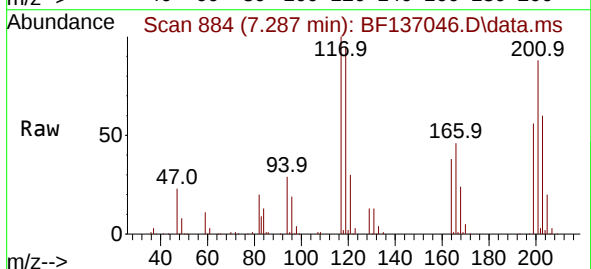
Tgt Ion:117 Resp: 73675

Ion Ratio Lower Upper

117 100

119 94.7 75.8 113.6

201 87.9 69.1 103.7





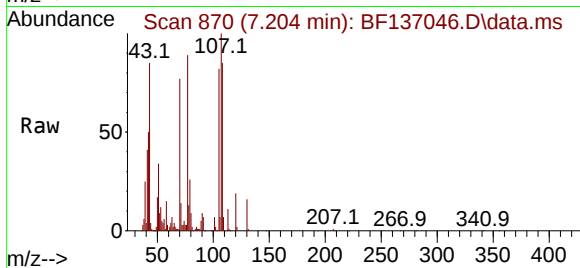
#19
n-Nitroso-di-n-propylamine
Concen: 38.990 ng
RT: 7.204 min Scan# 81
Delta R.T. -0.006 min
Lab File: BF137046.D
Acq: 12 Jan 2024 13:57

Instrument :

BNA_F

ClientSampleId :

PB158404BS

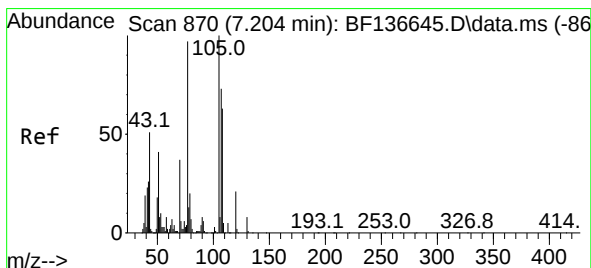
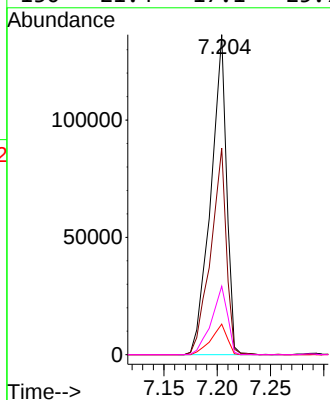
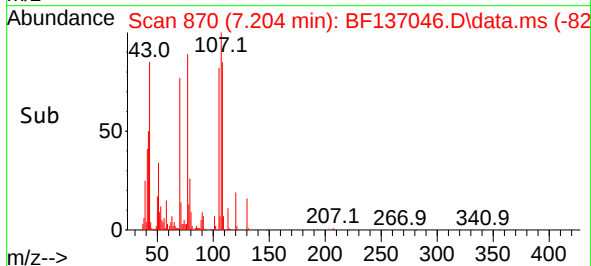


Tgt Ion: 70 Resp: 14080
Ion Ratio Lower Upper
70 100
42 64.6 54.2 81.4
101 9.6 7.6 11.4
130 21.4 17.1 25.7

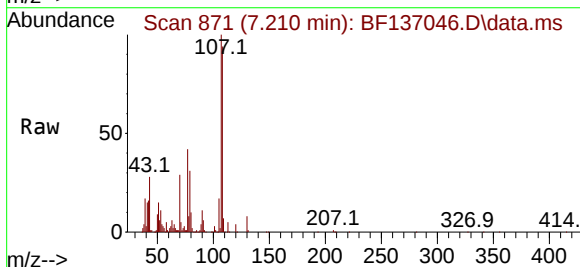
Manual Integrations

APPROVED

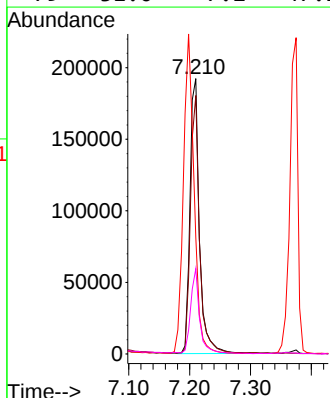
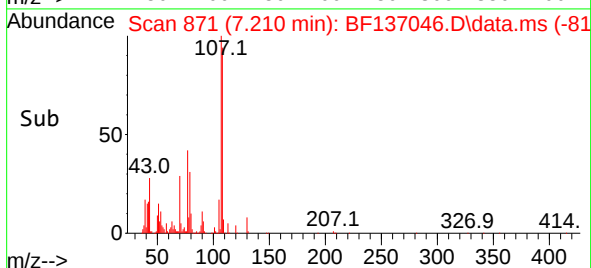
Reviewed By :Jagrut Upadhyay 01/15/2024
Supervised By :mohammad ahmed 01/16/2024



#20
3+4-Methylphenols
Concen: 40.082 ng
RT: 7.210 min Scan# 871
Delta R.T. 0.006 min
Lab File: BF137046.D
Acq: 12 Jan 2024 13:57



Tgt Ion:107 Resp: 208713
Ion Ratio Lower Upper
107 100
108 93.8 66.0 106.0
77 42.4 114.2 154.2#
79 31.0 7.2 47.2





#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.063 min Scan# 1017
Delta R.T. -0.006 min
Lab File: BF137046.D
Acq: 12 Jan 2024 13:57

Instrument :

BNA_F

ClientSampleId :

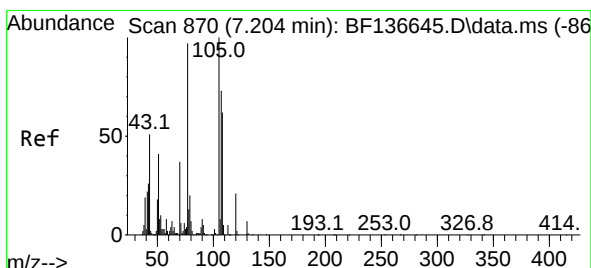
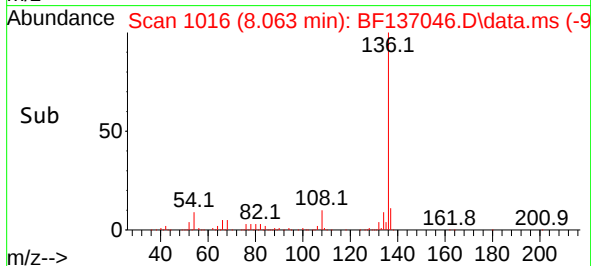
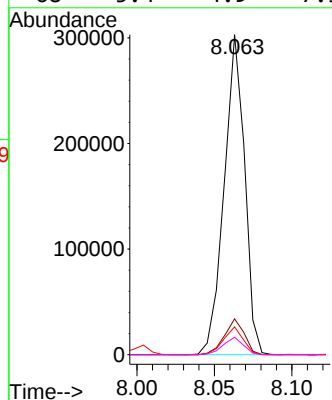
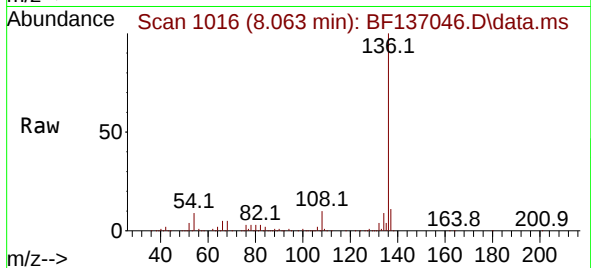
PB158404BS

Tgt Ion:136 Resp: 278362
Ion Ratio Lower Upper
136 100
137 11.2 9.0 13.4
54 8.7 7.2 10.8
68 5.4 4.9 7.3

Manual Integrations

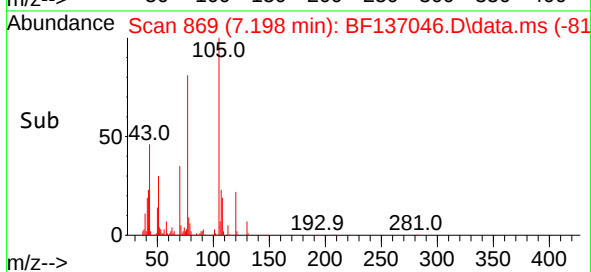
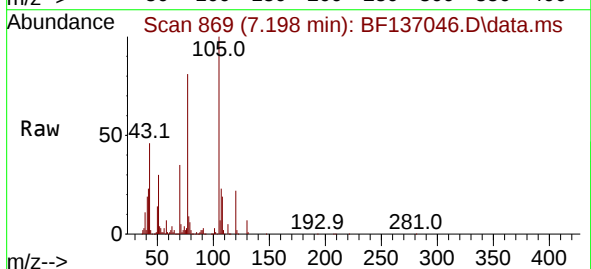
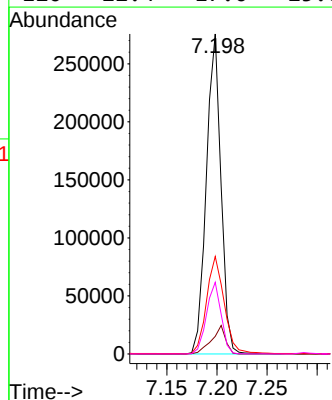
APPROVED

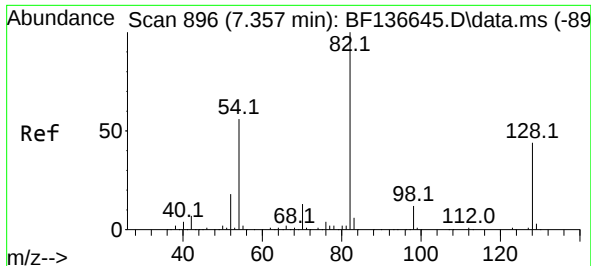
Reviewed By :Jagrut Upadhyay 01/15/2024
Supervised By :mohammad ahmed 01/16/2024



#22
Acetophenone
Concen: 40.299 ng
RT: 7.198 min Scan# 869
Delta R.T. -0.006 min
Lab File: BF137046.D
Acq: 12 Jan 2024 13:57

Tgt Ion:105 Resp: 281172
Ion Ratio Lower Upper
105 100
71 5.5 4.8 7.2
51 30.5 32.8 49.2#
120 22.4 17.0 25.6





#23

Nitrobenzene-d5

Concen: 73.809 ng

RT: 7.357 min Scan# 896

Delta R.T. 0.000 min

Lab File: BF137046.D

Acq: 12 Jan 2024 13:57

Instrument :

BNA_F

ClientSampleId :

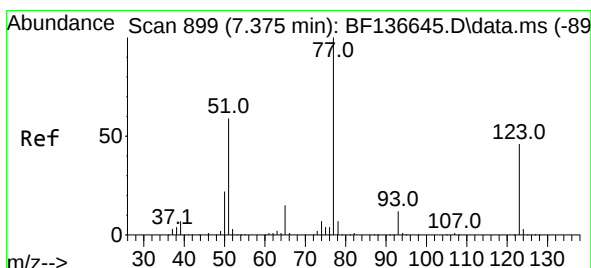
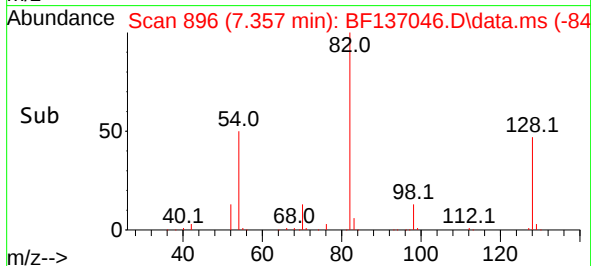
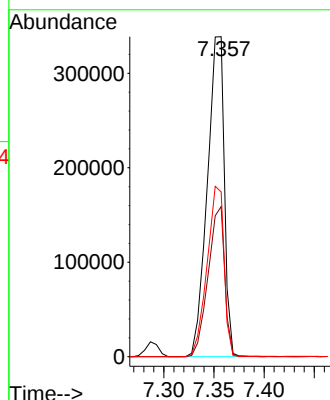
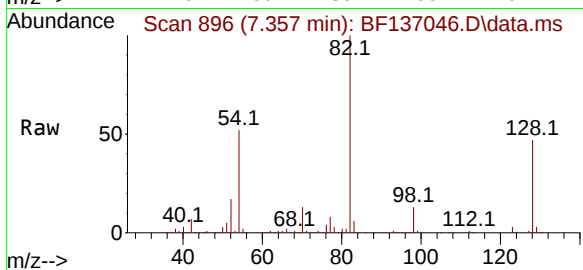
PB158404BS

Tgt Ion: 82 Resp: 401500
 Ion Ratio Lower Upper
 82 100
 128 46.9 35.3 52.9
 54 51.5 44.5 66.7

Manual Integrations

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Reviewed By :Jagrut Upadhyay 01/15/2024
 Supervised By :mohammad ahmed 01/16/2024



#24

Nitrobenzene

Concen: 37.136 ng

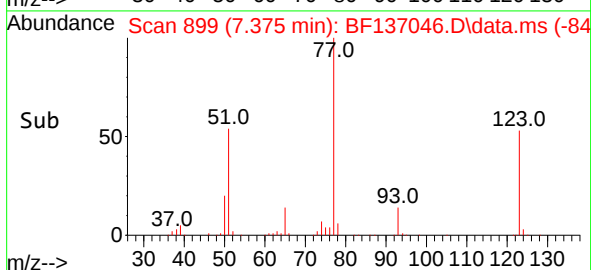
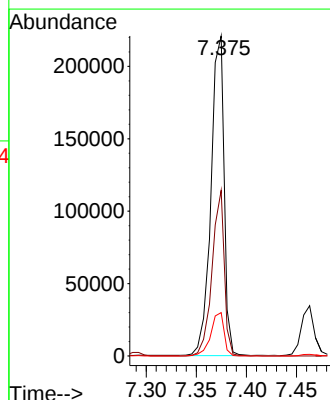
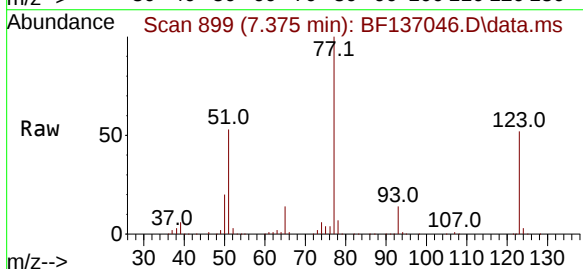
RT: 7.375 min Scan# 899

Delta R.T. 0.000 min

Lab File: BF137046.D

Acq: 12 Jan 2024 13:57

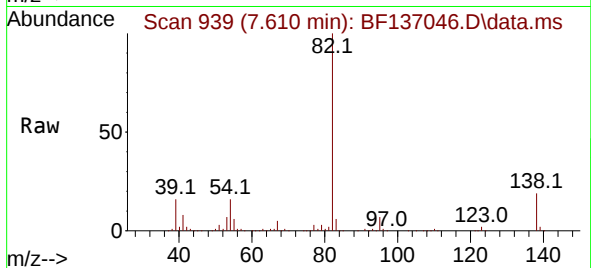
Tgt Ion: 77 Resp: 202366
 Ion Ratio Lower Upper
 77 100
 123 51.7 36.7 55.1
 65 13.5 11.8 17.6





#25
Isophorone
Concen: 37.956 ng
RT: 7.610 min Scan# 910
Delta R.T. -0.006 min
Lab File: BF137046.D
Acq: 12 Jan 2024 13:57

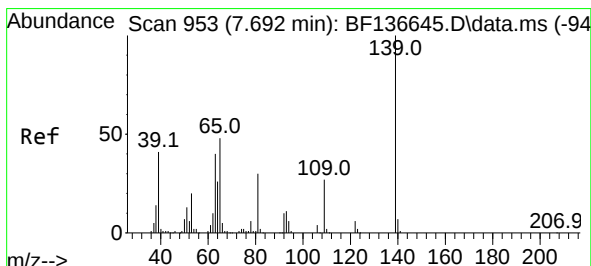
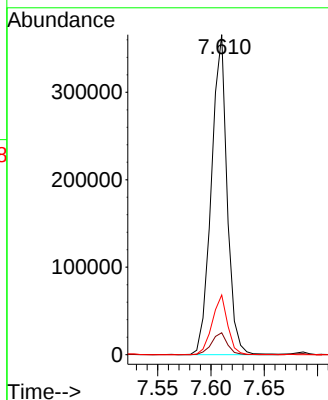
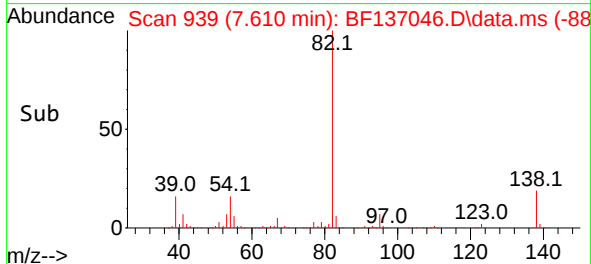
Instrument :
BNA_F
ClientSampleId :
PB158404BS



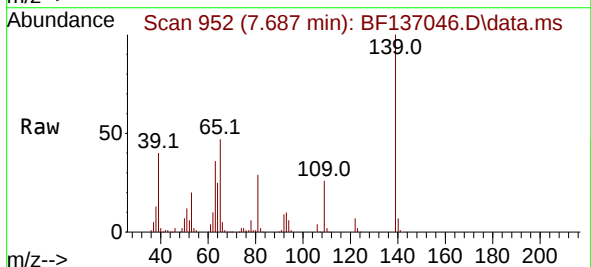
Tgt Ion: 82 Resp: 375699
Ion Ratio Lower Upper
82 100
95 6.9 5.5 8.3
138 18.7 14.5 21.7

Manual Integrations
APPROVED

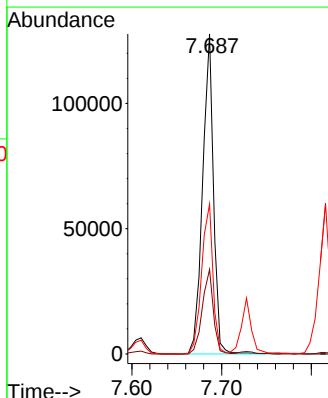
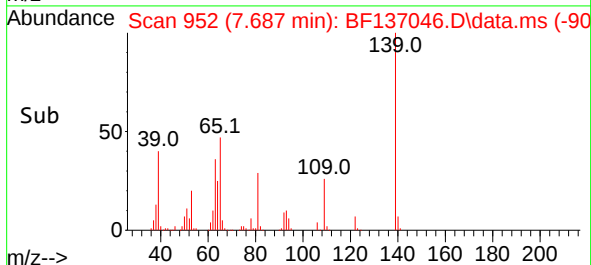
Reviewed By :Jagrut Upadhyay 01/15/2024
Supervised By :mohammad ahmed 01/16/2024

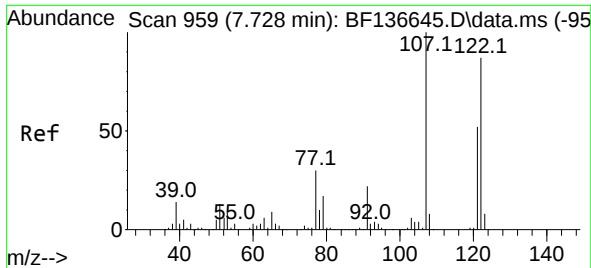


#26
2-Nitrophenol
Concen: 41.302 ng
RT: 7.687 min Scan# 952
Delta R.T. -0.006 min
Lab File: BF137046.D
Acq: 12 Jan 2024 13:57



Tgt Ion:139 Resp: 107681
Ion Ratio Lower Upper
139 100
109 26.4 21.9 32.9
65 46.8 38.6 58.0





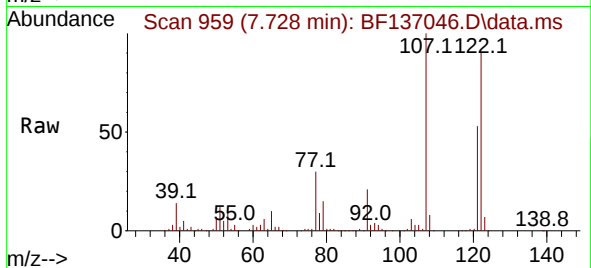
#27
2,4-Dimethylphenol
Concen: 56.830 ng
RT: 7.728 min Scan# 910
Delta R.T. 0.000 min
Lab File: BF137046.D
Acq: 12 Jan 2024 13:57

Instrument :

BNA_F

ClientSampleId :

PB158404BS

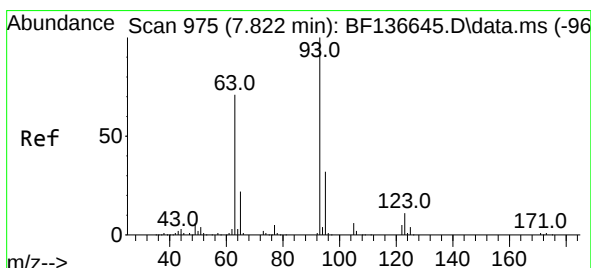
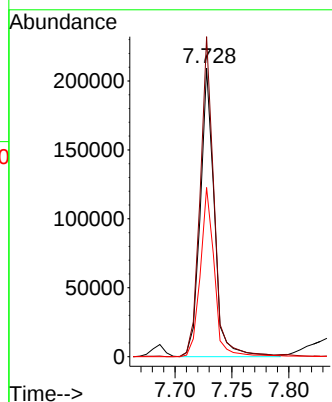
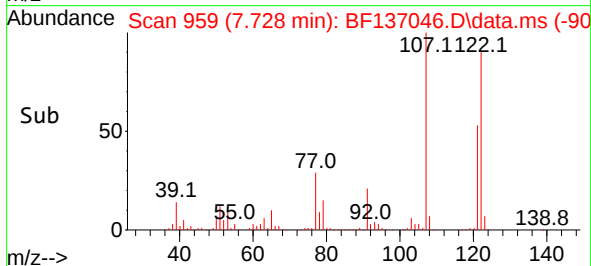


Tgt Ion:122 Resp: 180382
Ion Ratio Lower Upper
122 100
107 110.8 92.0 138.0
121 58.6 47.5 71.3

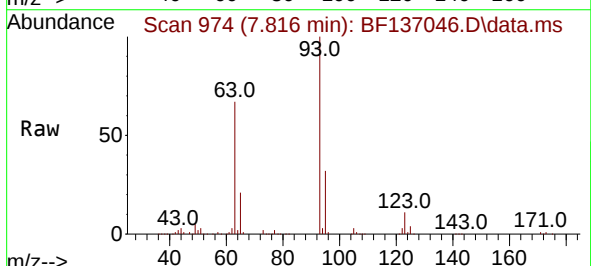
Manual Integrations

APPROVED

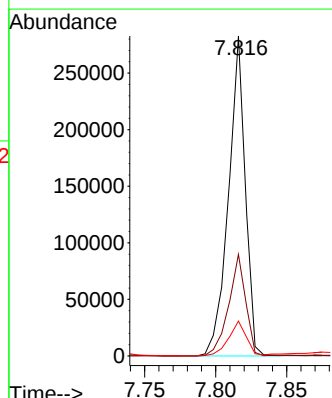
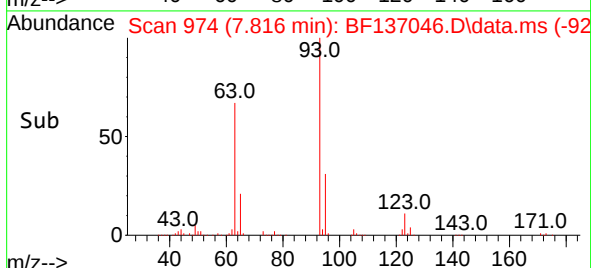
Reviewed By :Jagrut Upadhyay 01/15/2024
Supervised By :mohammad ahmed 01/16/2024



#28
bis(2-Chloroethoxy)methane
Concen: 38.651 ng
RT: 7.816 min Scan# 974
Delta R.T. -0.006 min
Lab File: BF137046.D
Acq: 12 Jan 2024 13:57



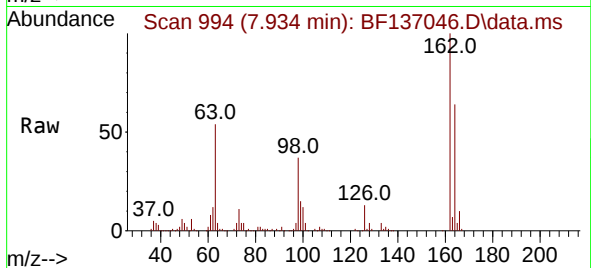
Tgt Ion: 93 Resp: 232554
Ion Ratio Lower Upper
93 100
95 31.8 25.5 38.3
123 10.9 9.2 13.8





#29
2,4-Dichlorophenol
Concen: 40.722 ng
RT: 7.934 min Scan# 994
Delta R.T. 0.000 min
Lab File: BF137046.D
Acq: 12 Jan 2024 13:57

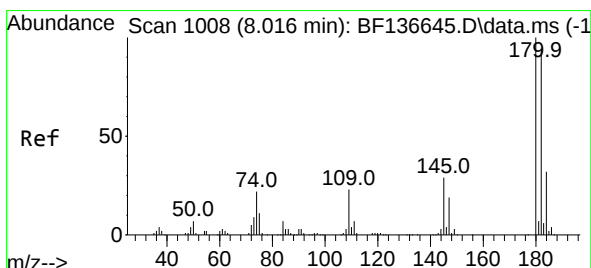
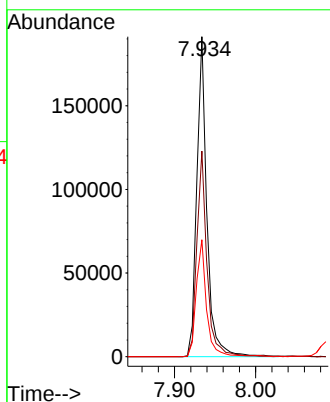
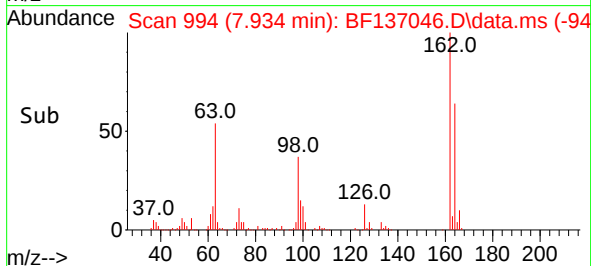
Instrument :
BNA_F
ClientSampleId :
PB158404BS



Tgt Ion:162 Resp: 166404
Ion Ratio Lower Upper
162 100
164 64.2 41.7 81.7
98 36.6 19.5 59.5

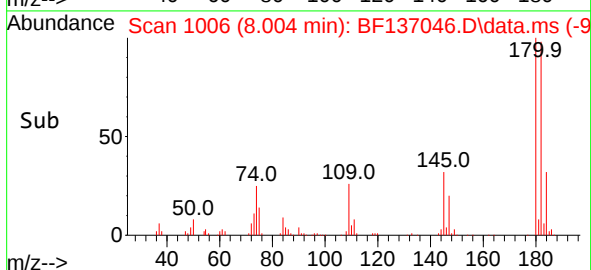
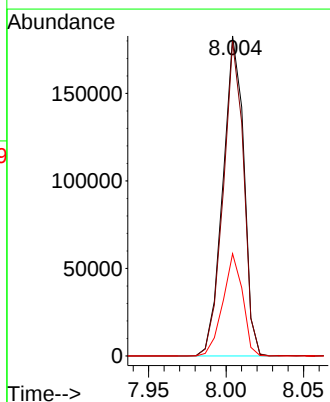
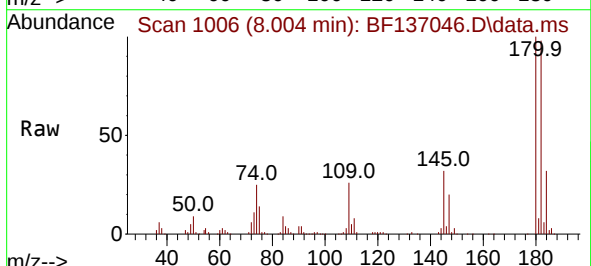
Manual Integrations
APPROVED

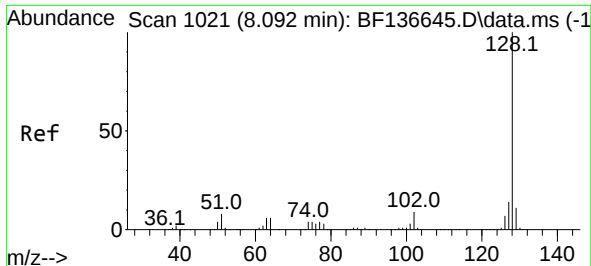
Reviewed By :Jagrut Upadhyay 01/15/2024
Supervised By :mohammad ahmed 01/16/2024



#30
1,2,4-Trichlorobenzene
Concen: 37.687 ng
RT: 8.004 min Scan# 1006
Delta R.T. -0.012 min
Lab File: BF137046.D
Acq: 12 Jan 2024 13:57

Tgt Ion:180 Resp: 171587
Ion Ratio Lower Upper
180 100
182 98.3 75.4 113.0
145 32.0 23.1 34.7





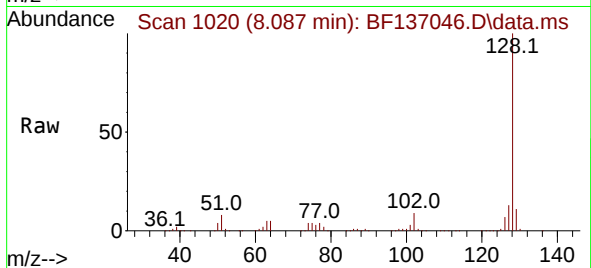
#31
Naphthalene
Concen: 37.926 ng
RT: 8.087 min Scan# 1021
Delta R.T. -0.006 min
Lab File: BF137046.D
Acq: 12 Jan 2024 13:57

Instrument :

BNA_F

ClientSampleId :

PB158404BS

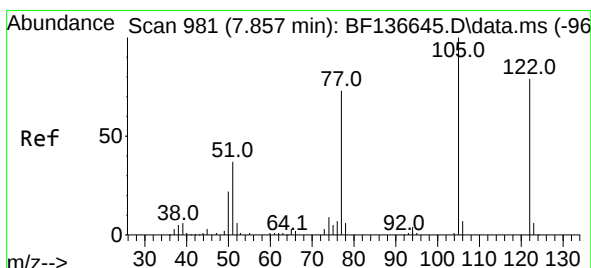
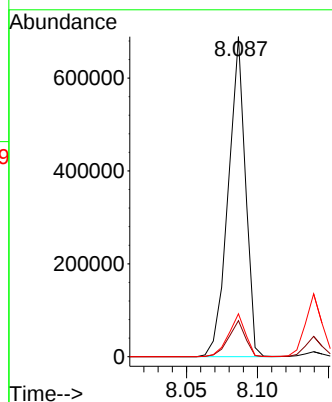
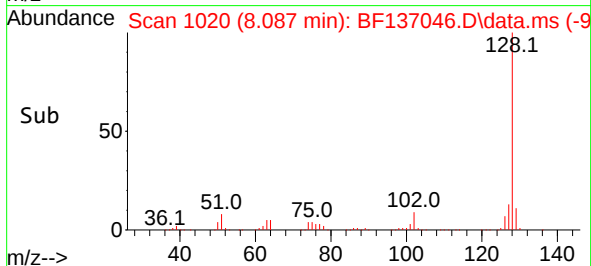


Tgt Ion:128 Resp: 579979
Ion Ratio Lower Upper
128 100
129 11.2 8.7 13.1
127 13.4 10.8 16.2

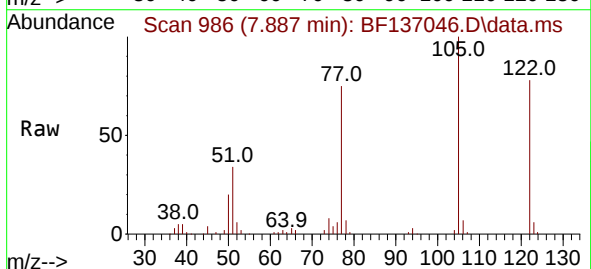
Manual Integrations

APPROVED

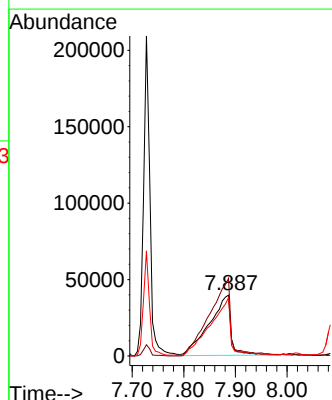
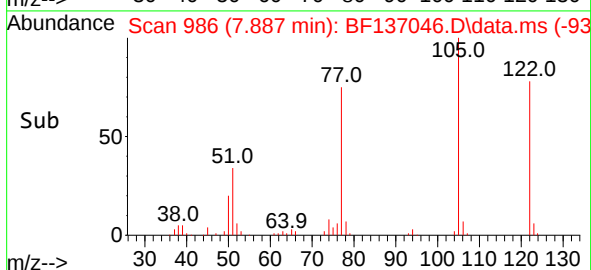
Reviewed By :Jagrut Upadhyay 01/15/2024
Supervised By :mohammad ahmed 01/16/2024

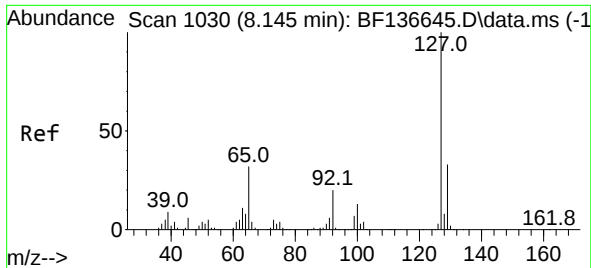


#32
Benzoic acid
Concen: 37.805 ng
RT: 7.887 min Scan# 986
Delta R.T. 0.030 min
Lab File: BF137046.D
Acq: 12 Jan 2024 13:57



Tgt Ion:122 Resp: 116106
Ion Ratio Lower Upper
122 100
105 127.6 100.8 140.8
77 95.9 70.9 110.9





#33
4-Chloroaniline
Concen: 21.593 ng
RT: 8.139 min Scan# 1029
Delta R.T. -0.006 min
Lab File: BF137046.D
Acq: 12 Jan 2024 13:57

Instrument :

BNA_F

ClientSampleId :

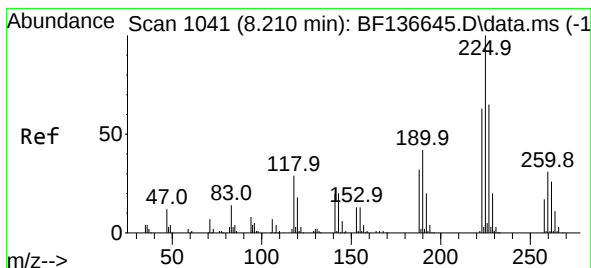
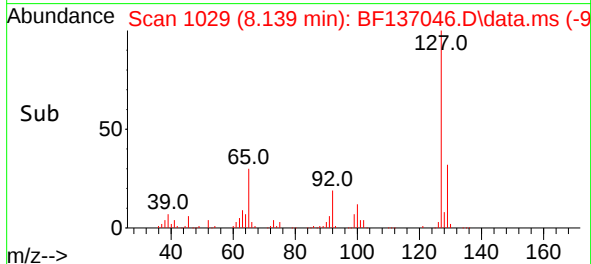
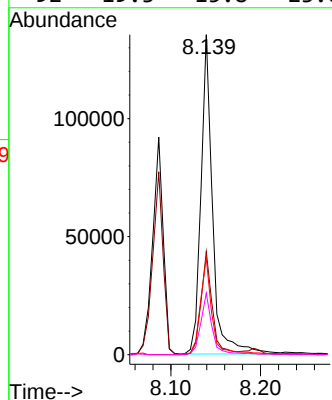
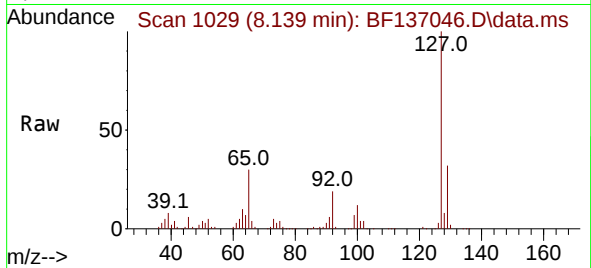
PB158404BS

Tgt Ion:	127	Resp:	121920
Ion Ratio	Lower	Upper	
127	100		
129	32.2	26.3	39.5
65	30.3	25.8	38.8
92	19.3	15.8	23.6

Manual Integrations

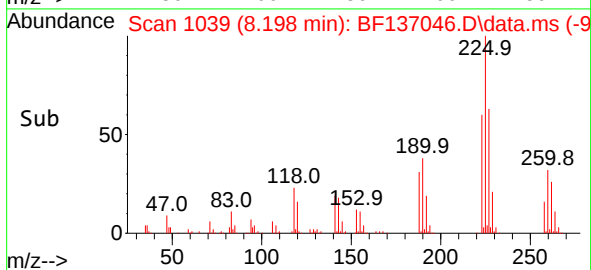
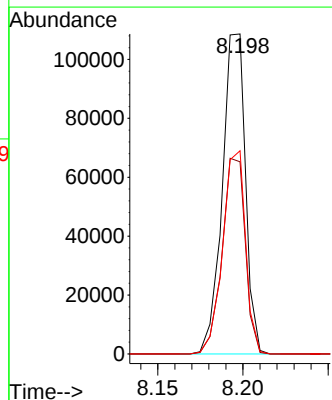
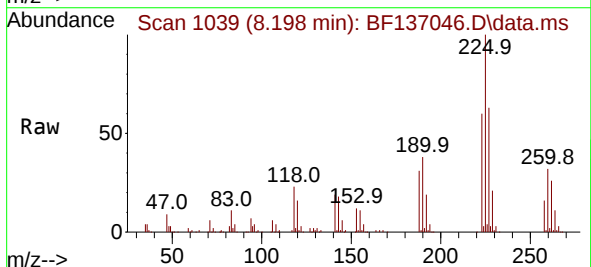
APPROVED

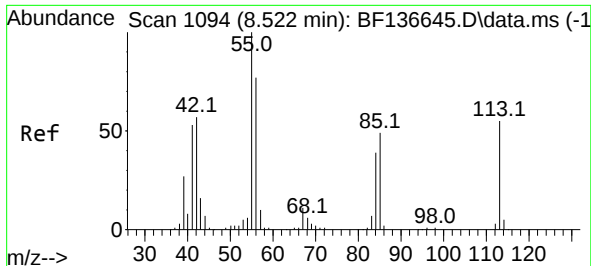
Reviewed By :Jagrut Upadhyay 01/15/2024
Supervised By :mohammad ahmed 01/16/2024



#34
Hexachlorobutadiene
Concen: 37.210 ng
RT: 8.198 min Scan# 1039
Delta R.T. -0.012 min
Lab File: BF137046.D
Acq: 12 Jan 2024 13:57

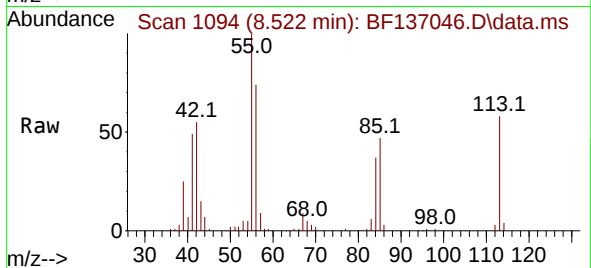
Tgt Ion:	225	Resp:	102931
Ion Ratio	Lower	Upper	
225	100		
223	60.1	50.6	76.0
227	63.5	51.9	77.9





#35
Caprolactam
Concen: 41.373 ng m
RT: 8.522 min Scan# 1094
Delta R.T. 0.000 min
Lab File: BF137046.D
Acq: 12 Jan 2024 13:57

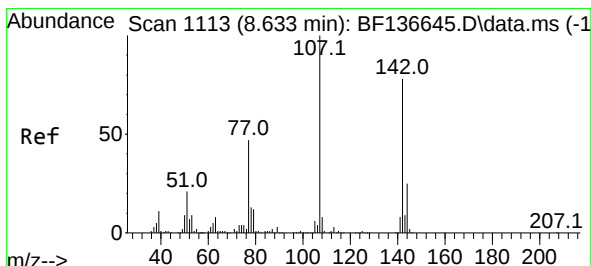
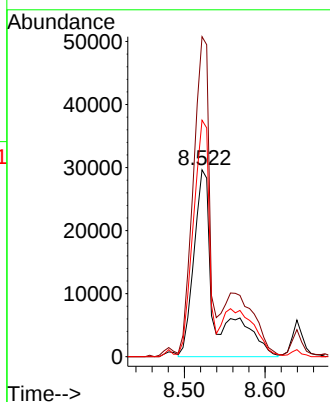
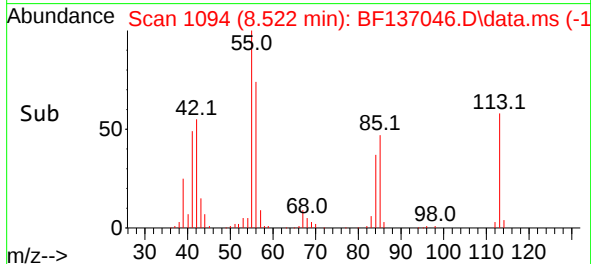
Instrument :
BNA_F
ClientSampleId :
PB158404BS



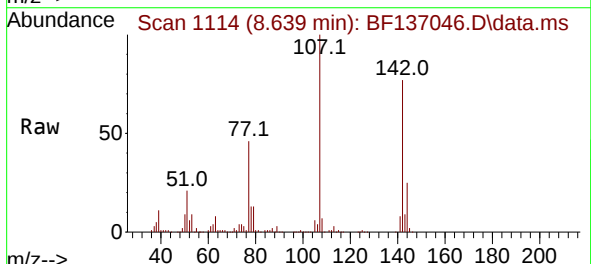
Tgt Ion:113 Resp: 55774
Ion Ratio Lower Upper
113 100
55 171.2 163.1 203.1
56 126.5 121.7 161.7

Manual Integrations
APPROVED

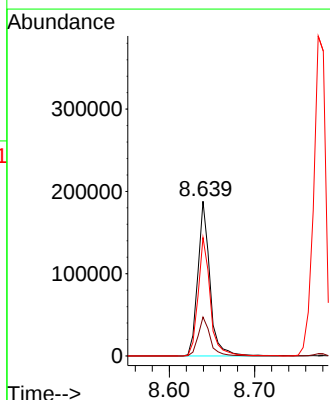
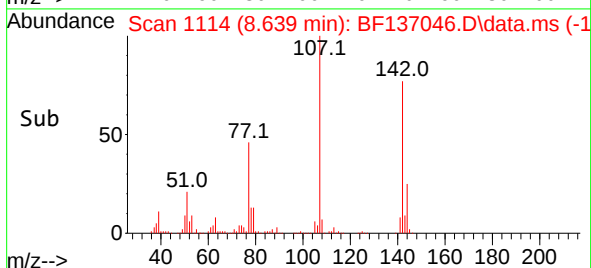
Reviewed By :Jagrut Upadhyay 01/15/2024
Supervised By :mohammad ahmed 01/16/2024

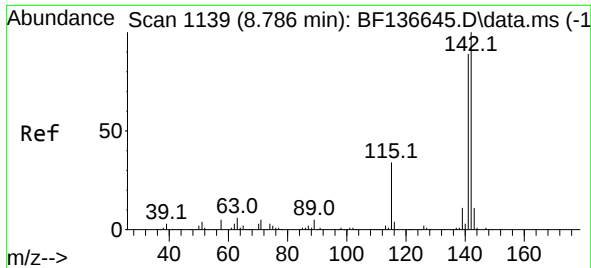


#36
4-Chloro-3-methylphenol
Concen: 40.220 ng
RT: 8.639 min Scan# 1114
Delta R.T. 0.006 min
Lab File: BF137046.D
Acq: 12 Jan 2024 13:57



Tgt Ion:107 Resp: 185028
Ion Ratio Lower Upper
107 100
144 25.1 20.2 30.2
142 76.6 62.3 93.5





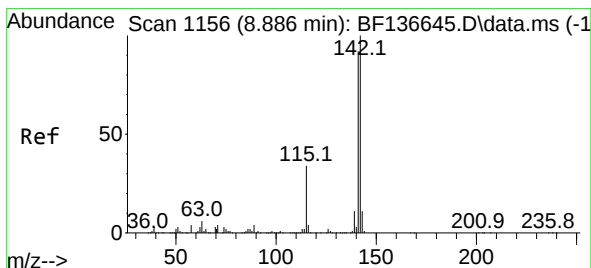
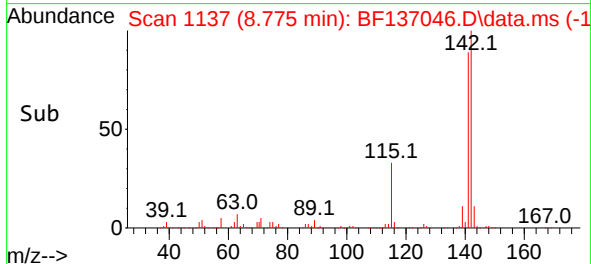
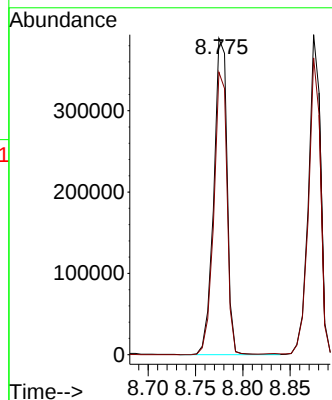
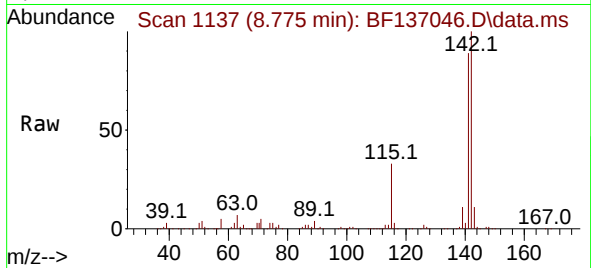
#37
2-Methylnaphthalene
Concen: 38.567 ng
RT: 8.775 min Scan# 1137
Delta R.T. -0.012 min
Lab File: BF137046.D
Acq: 12 Jan 2024 13:57

Instrument :
BNA_F
ClientSampleId :
PB158404BS

Tgt Ion:142 Resp: 379568
Ion Ratio Lower Upper
142 100
141 89.3 71.1 106.7

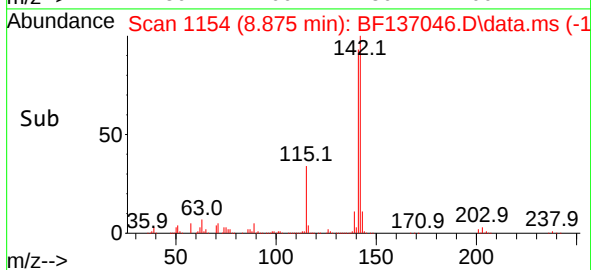
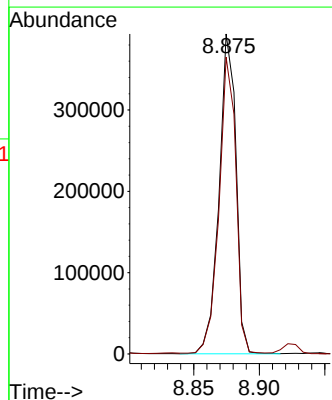
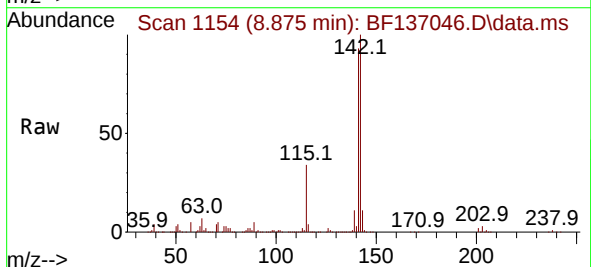
Manual Integrations
APPROVED

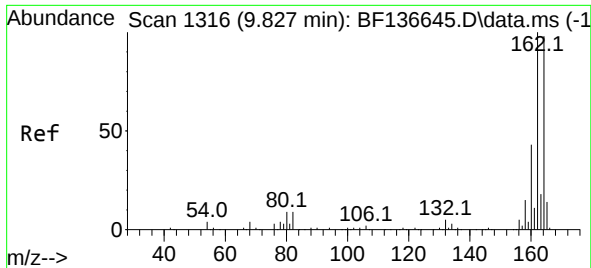
Reviewed By :Jagrut Upadhyay 01/15/2024
Supervised By :mohammad ahmed 01/16/2024



#38
1-Methylnaphthalene
Concen: 36.436 ng
RT: 8.875 min Scan# 1154
Delta R.T. -0.012 min
Lab File: BF137046.D
Acq: 12 Jan 2024 13:57

Tgt Ion:142 Resp: 351814
Ion Ratio Lower Upper
142 100
141 92.8 73.6 110.4





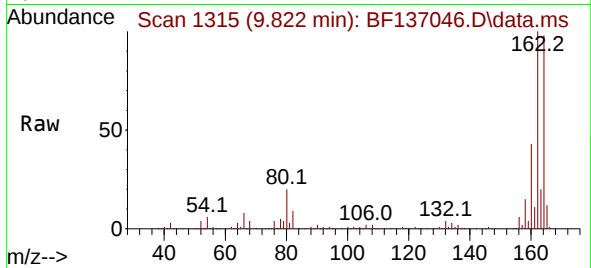
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.822 min Scan# 1165
Delta R.T. -0.006 min
Lab File: BF137046.D
Acq: 12 Jan 2024 13:57

Instrument :

BNA_F

ClientSampleId :

PB158404BS

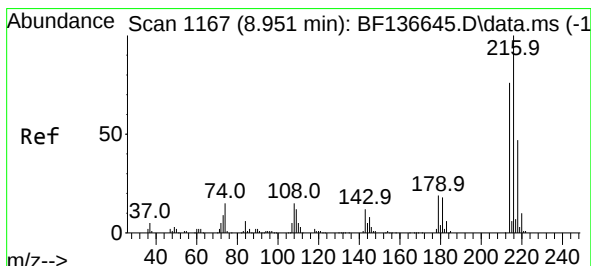
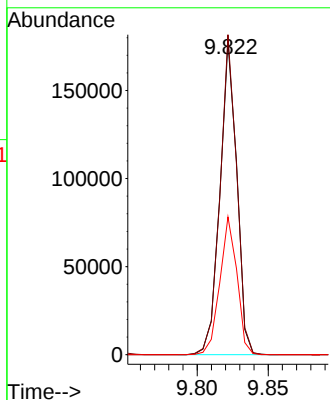
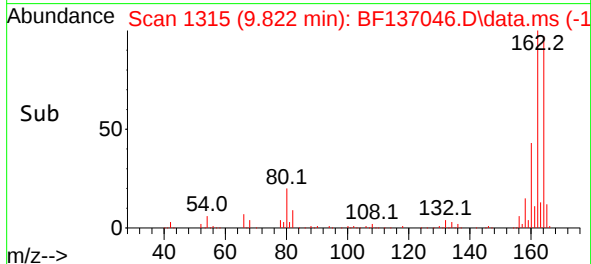


Tgt Ion:164 Resp: 146380
Ion Ratio Lower Upper
164 100
162 102.3 81.6 122.4
160 44.0 34.9 52.3

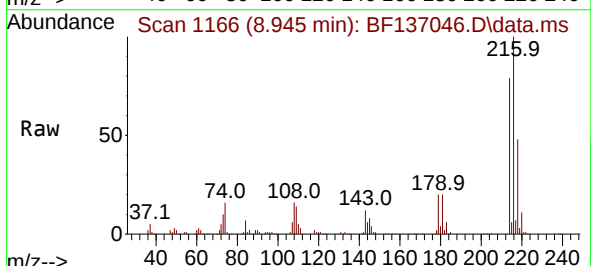
Manual Integrations

APPROVED

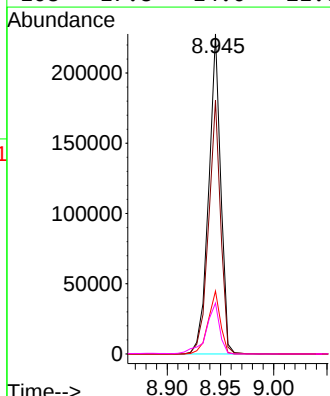
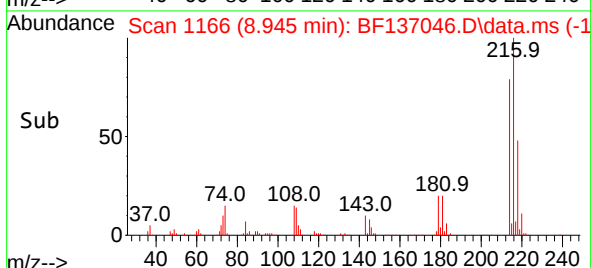
Reviewed By :Jagrut Upadhyay 01/15/2024
Supervised By :mohammad ahmed 01/16/2024

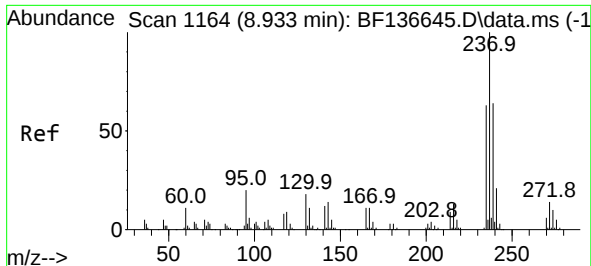


#40
1,2,4,5-Tetrachlorobenzene
Concen: 39.698 ng
RT: 8.945 min Scan# 1166
Delta R.T. -0.006 min
Lab File: BF137046.D
Acq: 12 Jan 2024 13:57



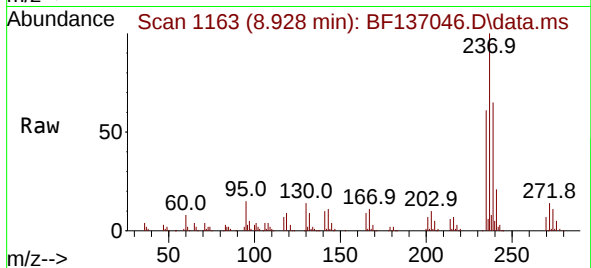
Tgt Ion:216 Resp: 179963
Ion Ratio Lower Upper
216 100
214 78.8 62.3 93.5
179 19.8 16.4 24.6
108 17.8 14.0 21.0





#41
Hexachlorocyclopentadiene
Concen: 67.719 ng
RT: 8.928 min Scan# 1163
Delta R.T. -0.006 min
Lab File: BF137046.D
Acq: 12 Jan 2024 13:57

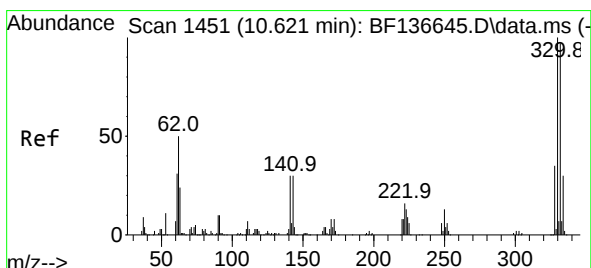
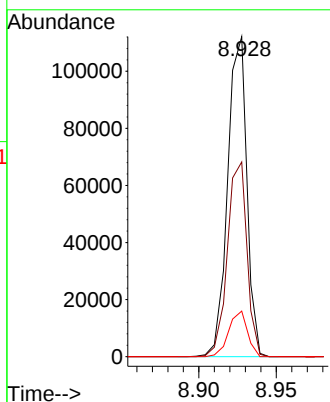
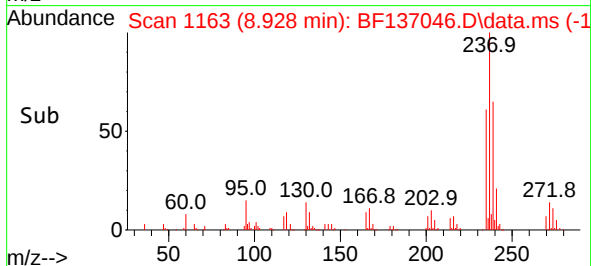
Instrument :
BNA_F
ClientSampleId :
PB158404BS



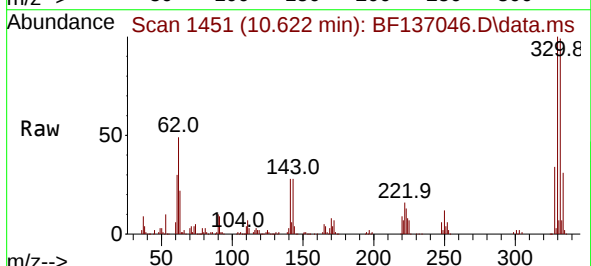
Tgt Ion:237 Resp: 96725
Ion Ratio Lower Upper
237 100
235 60.9 43.2 83.2
272 14.2 0.0 34.2

Manual Integrations
APPROVED

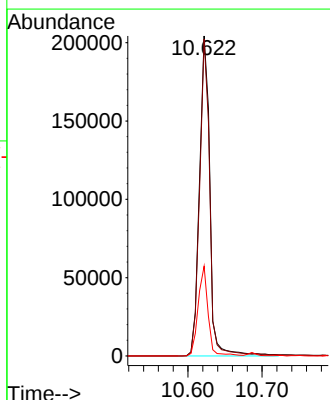
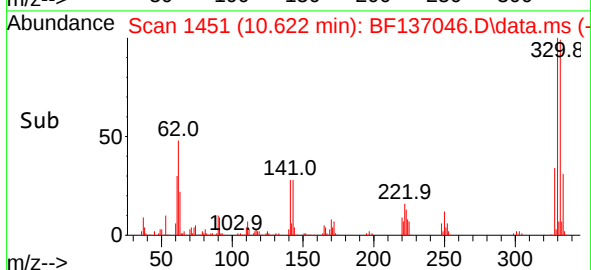
Reviewed By :Jagrut Upadhyay 01/15/2024
Supervised By :mohammad ahmed 01/16/2024

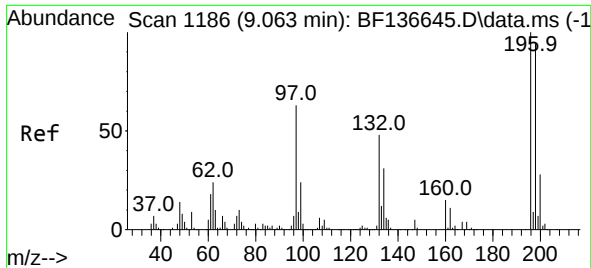


#42
2,4,6-Tribromophenol
Concen: 115.384 ng
RT: 10.622 min Scan# 1451
Delta R.T. 0.000 min
Lab File: BF137046.D
Acq: 12 Jan 2024 13:57



Tgt Ion:330 Resp: 198916
Ion Ratio Lower Upper
330 100
332 96.7 77.4 116.0
141 26.9 23.4 35.2





#43
2,4,6-Trichlorophenol
Concen: 40.722 ng
RT: 9.069 min Scan# 1186
Delta R.T. 0.006 min
Lab File: BF137046.D
Acq: 12 Jan 2024 13:57

Instrument :

BNA_F

ClientSampleId :

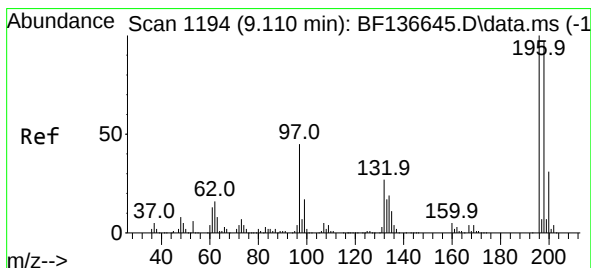
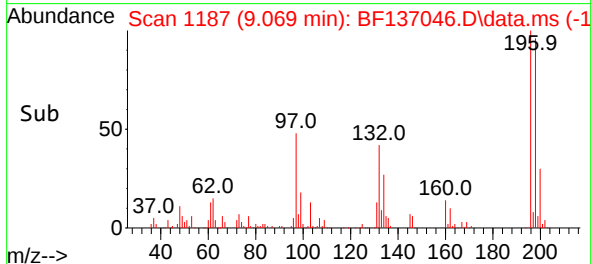
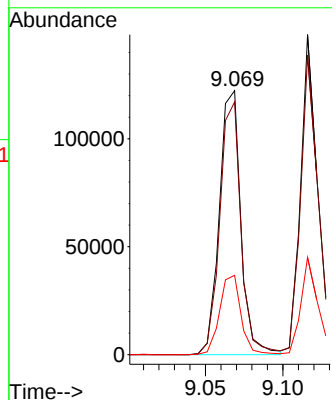
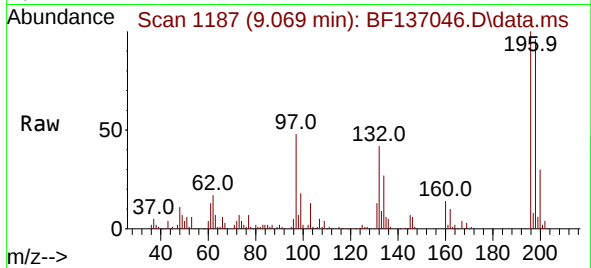
PB158404BS

Tgt Ion:196 Resp: 118390
Ion Ratio Lower Upper
196 100
198 95.7 75.1 112.7
200 30.1 22.5 33.7

Manual Integrations

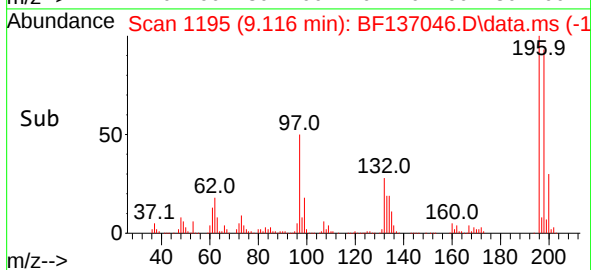
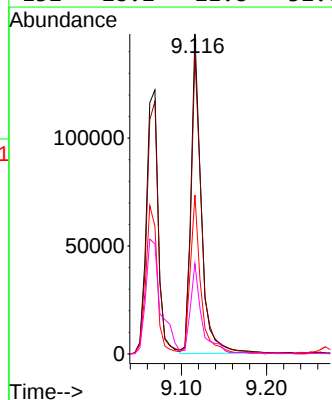
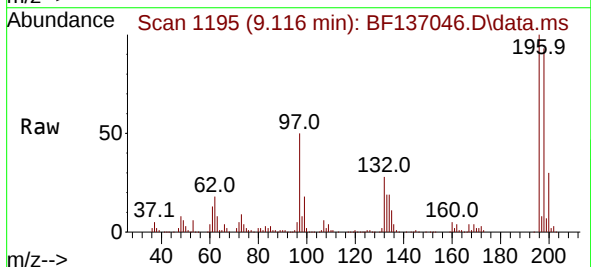
APPROVED

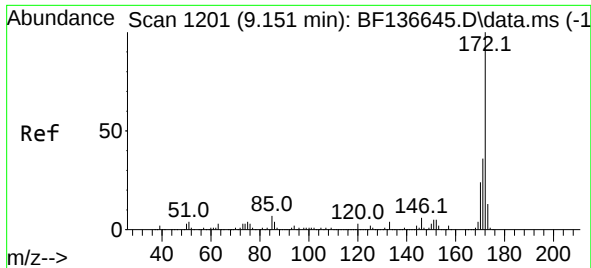
Reviewed By :Jagrut Upadhyay 01/15/2024
Supervised By :mohammad ahmed 01/16/2024



#44
2,4,5-Trichlorophenol
Concen: 37.969 ng
RT: 9.116 min Scan# 1195
Delta R.T. 0.006 min
Lab File: BF137046.D
Acq: 12 Jan 2024 13:57

Tgt Ion:196 Resp: 123012
Ion Ratio Lower Upper
196 100
198 93.5 77.0 115.6
97 49.6 36.1 54.1
132 28.2 21.8 32.6





#45
2-Fluorobiphenyl
Concen: 75.176 ng
RT: 9.145 min Scan# 1200
Delta R.T. -0.006 min
Lab File: BF137046.D
Acq: 12 Jan 2024 13:57

Instrument :

BNA_F

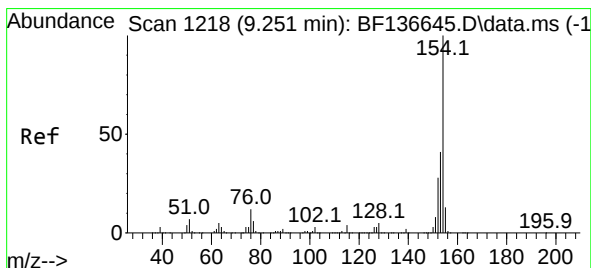
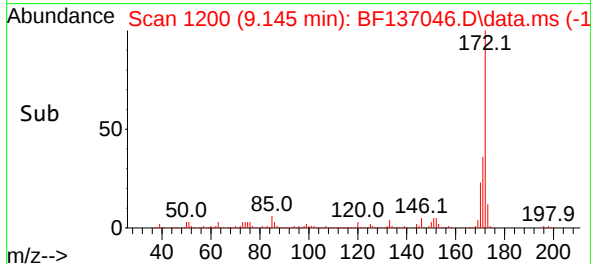
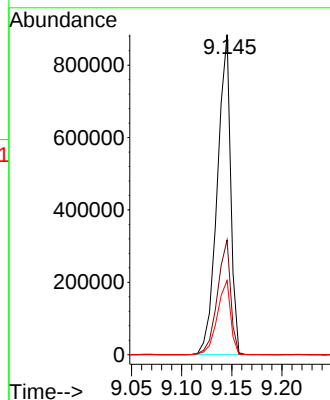
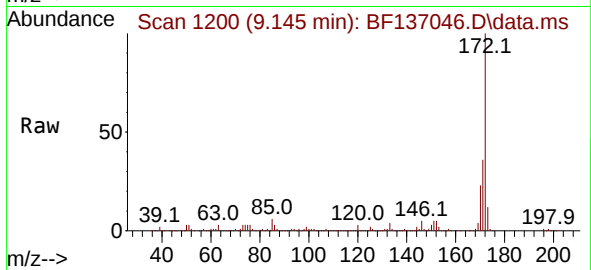
ClientSampleId :

PB158404BS

Tgt Ion:172 Resp: 81816
Ion Ratio Lower Upper
172 100
171 35.9 29.0 43.6
170 23.2 19.0 28.4

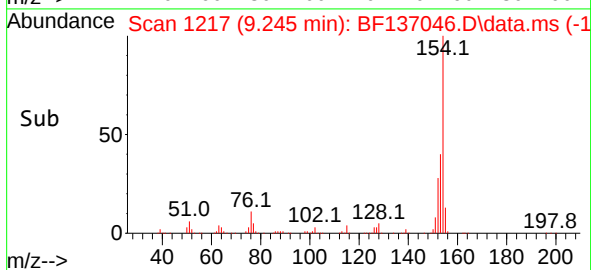
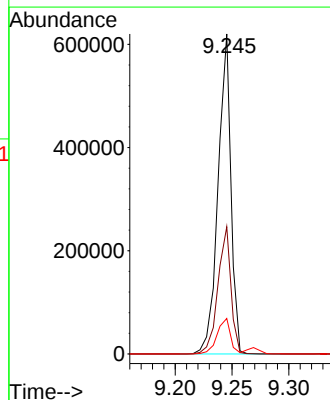
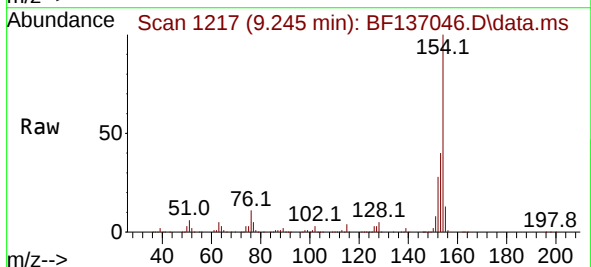
Manual Integrations
APPROVED

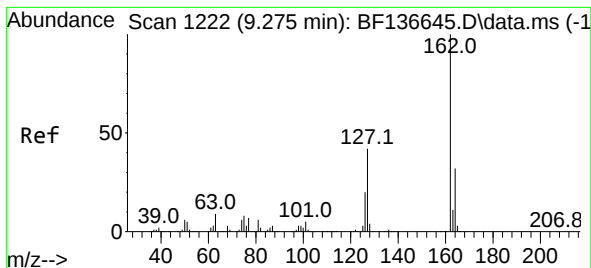
Reviewed By :Jagrut Upadhyay 01/15/2024
Supervised By :mohammad ahmed 01/16/2024



#46
1,1'-Biphenyl
Concen: 39.799 ng
RT: 9.245 min Scan# 1217
Delta R.T. -0.006 min
Lab File: BF137046.D
Acq: 12 Jan 2024 13:57

Tgt Ion:154 Resp: 488875
Ion Ratio Lower Upper
154 100
153 39.8 21.1 61.1
76 11.1 0.0 31.7





#47

2-Chloronaphthalene

Concen: 38.104 ng

RT: 9.269 min Scan# 1221

Delta R.T. -0.006 min

Lab File: BF137046.D

Acq: 12 Jan 2024 13:57

Instrument :

BNA_F

ClientSampleId :

PB158404BS

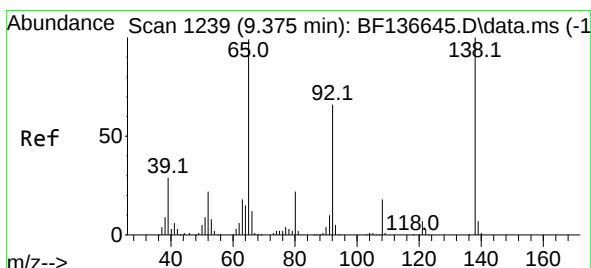
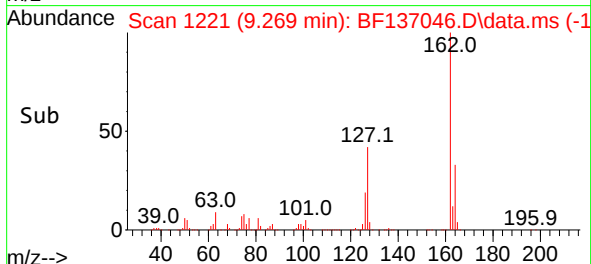
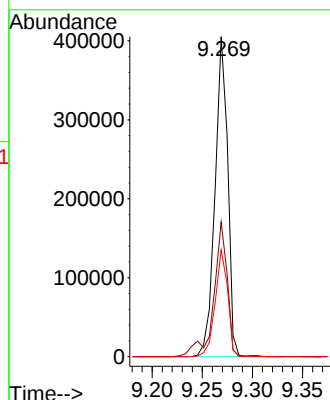
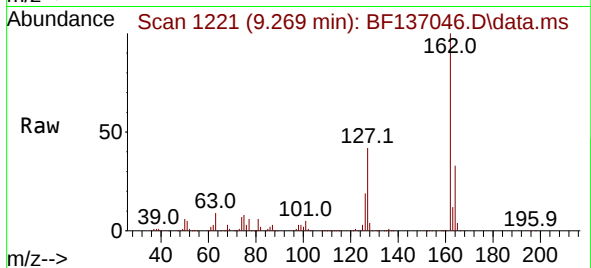
Tgt Ion:162 Resp: 35582

Ion	Ratio	Lower	Upper
162	100		
127	42.1	33.6	50.4
164	33.4	25.7	38.5

Manual Integrations

APPROVED

Reviewed By :Jagrut Upadhyay 01/15/2024
Supervised By :mohammad ahmed 01/16/2024



#48

2-Nitroaniline

Concen: 39.457 ng

RT: 9.375 min Scan# 1239

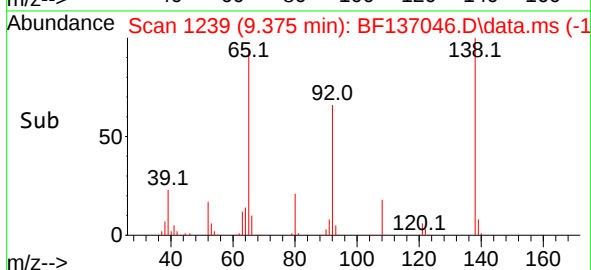
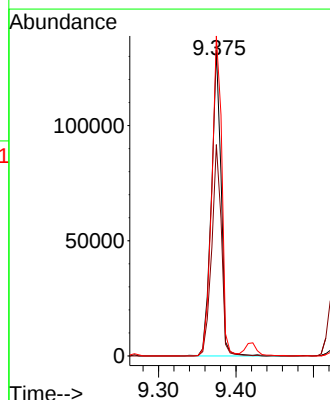
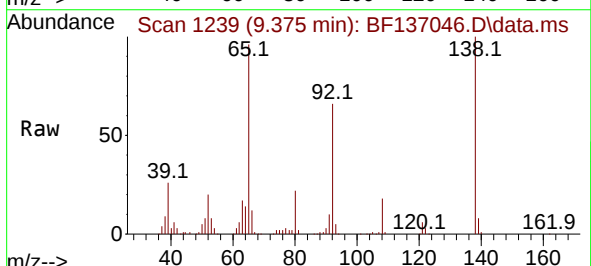
Delta R.T. 0.000 min

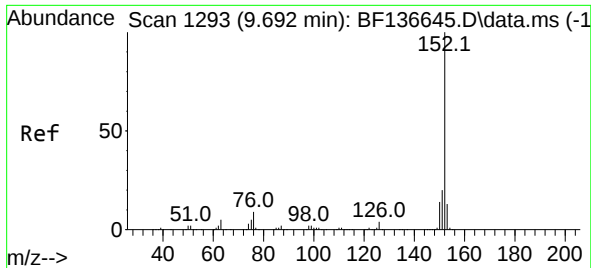
Lab File: BF137046.D

Acq: 12 Jan 2024 13:57

Tgt Ion: 65 Resp: 115381

Ion	Ratio	Lower	Upper
65	100		
92	69.0	53.2	79.8
138	104.5	81.1	121.7





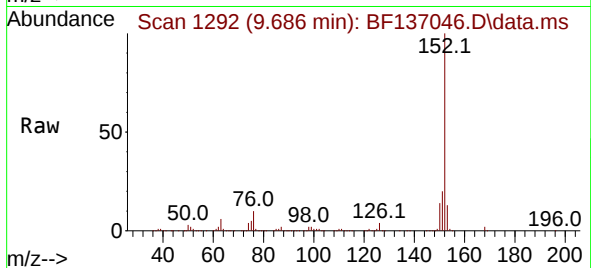
#49
Acenaphthylene
Concen: 40.048 ng
RT: 9.686 min Scan# 1293
Delta R.T. -0.006 min
Lab File: BF137046.D
Acq: 12 Jan 2024 13:57

Instrument :

BNA_F

ClientSampleId :

PB158404BS

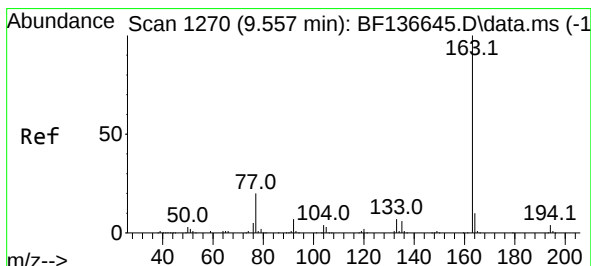
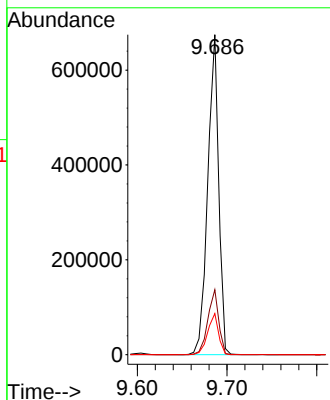
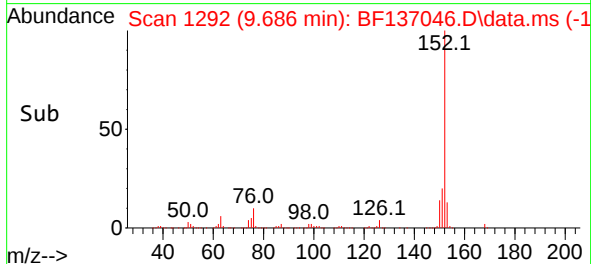


Tgt Ion:152 Resp: 57161
Ion Ratio Lower Upper
152 100
151 20.3 16.2 24.4
153 12.9 10.2 15.2

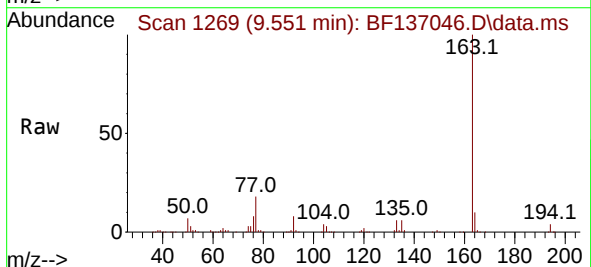
Manual Integrations

APPROVED

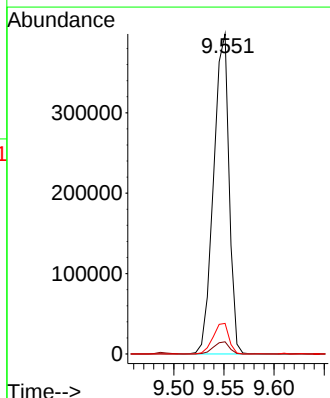
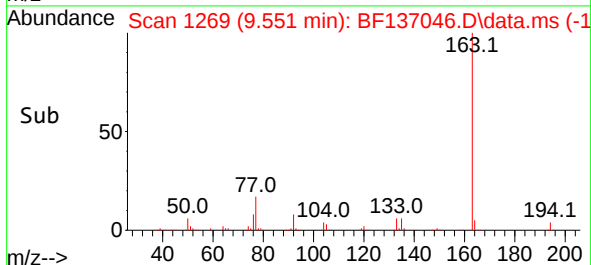
Reviewed By :Jagrut Upadhyay 01/15/2024
Supervised By :mohammad ahmed 01/16/2024

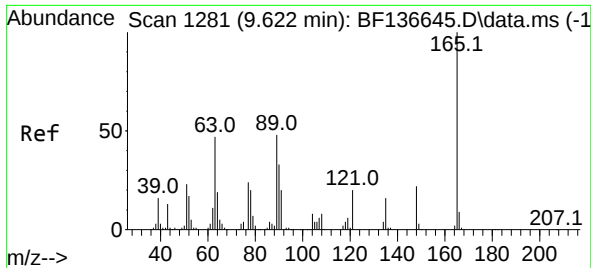


#50
Dimethylphthalate
Concen: 39.871 ng
RT: 9.551 min Scan# 1269
Delta R.T. -0.006 min
Lab File: BF137046.D
Acq: 12 Jan 2024 13:57



Tgt Ion:163 Resp: 426301
Ion Ratio Lower Upper
163 100
194 3.8 3.3 4.9
164 9.6 7.8 11.6





#51
2,6-Dinitrotoluene
Concen: 38.117 ng
RT: 9.622 min Scan# 1281
Delta R.T. 0.000 min
Lab File: BF137046.D
Acq: 12 Jan 2024 13:57

Instrument :

BNA_F

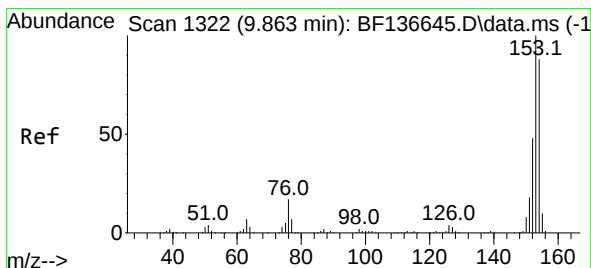
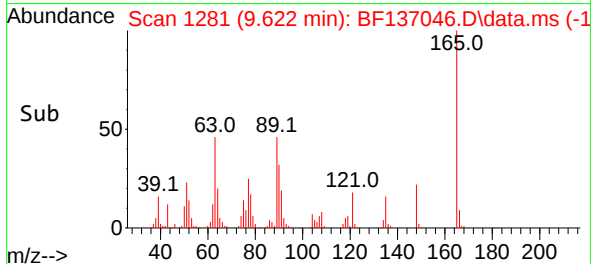
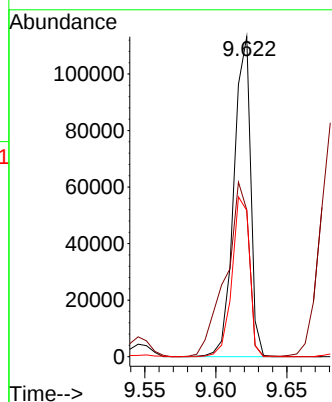
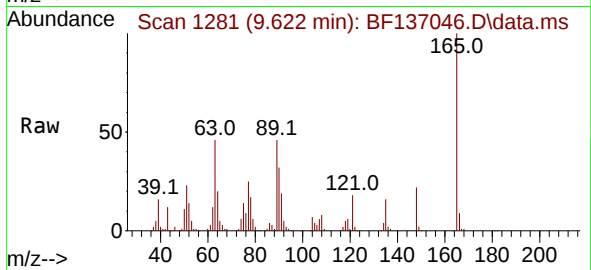
ClientSampleId :

PB158404BS

Tgt Ion:165 Resp: 92494
Ion Ratio Lower Upper
165 100
63 45.9 39.8 59.6
89 45.7 38.8 58.2

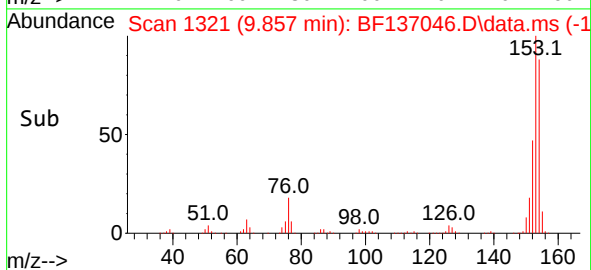
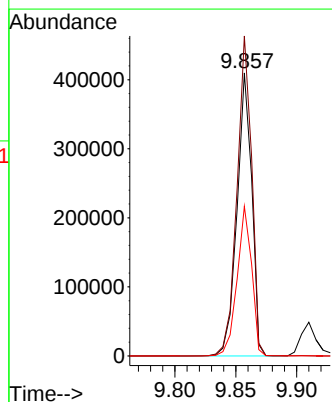
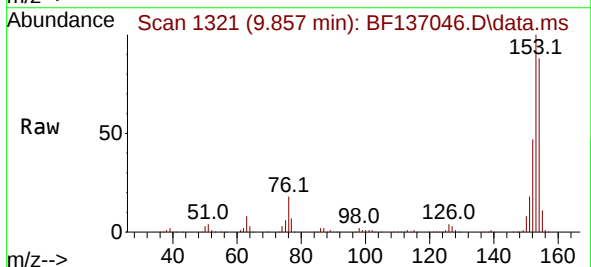
Manual Integrations
APPROVED

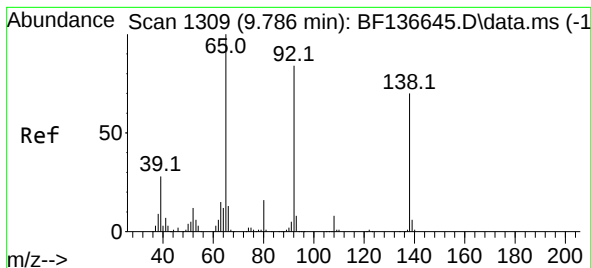
Reviewed By :Jagrut Upadhyay 01/15/2024
Supervised By :mohammad ahmed 01/16/2024



#52
Acenaphthene
Concen: 38.887 ng
RT: 9.857 min Scan# 1321
Delta R.T. -0.006 min
Lab File: BF137046.D
Acq: 12 Jan 2024 13:57

Tgt Ion:154 Resp: 344057
Ion Ratio Lower Upper
154 100
153 113.1 90.7 136.1
152 52.9 43.7 65.5





#53

3-Nitroaniline

Concen: 29.875 ng

RT: 9.792 min Scan# 11

Delta R.T. 0.006 min

Lab File: BF137046.D

Acq: 12 Jan 2024 13:57

Instrument :

BNA_F

ClientSampleId :

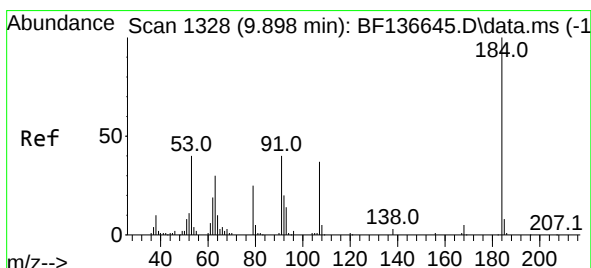
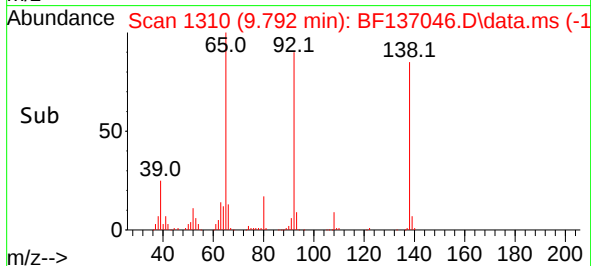
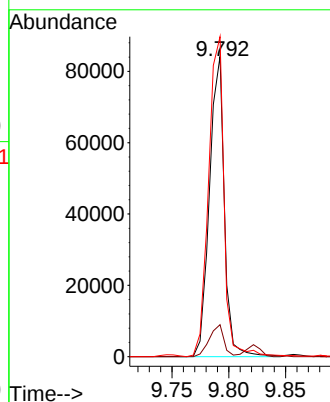
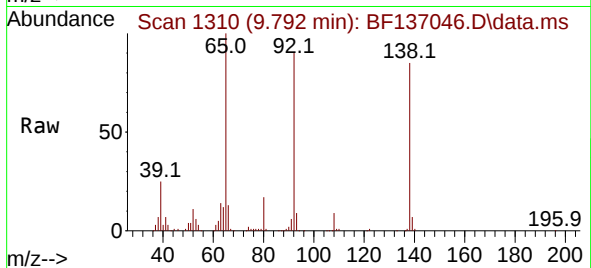
PB158404BS

Tgt Ion:138 Resp: 76792
 Ion Ratio Lower Upper
 138 100
 108 10.7 8.6 12.8
 92 106.5 95.2 142.8

Manual Integrations

APPROVED

Reviewed By :Jagrut Upadhyay 01/15/2024
 Supervised By :mohammad ahmed 01/16/2024



#54

2,4-Dinitrophenol

Concen: 62.885 ng

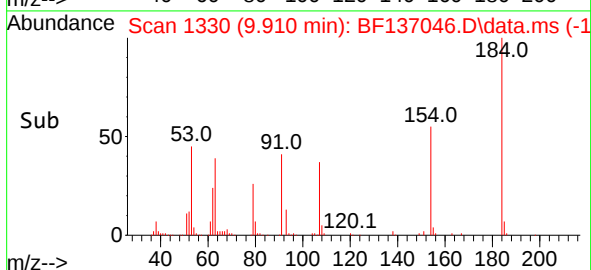
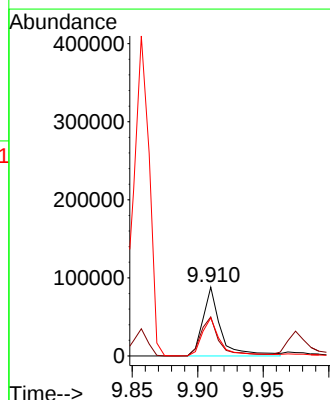
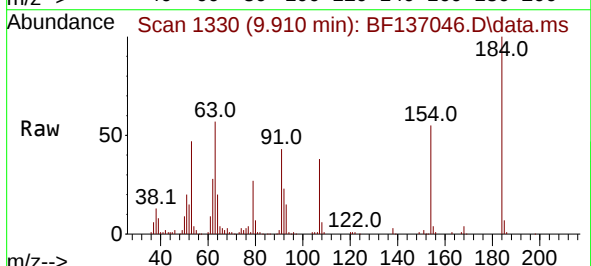
RT: 9.910 min Scan# 1330

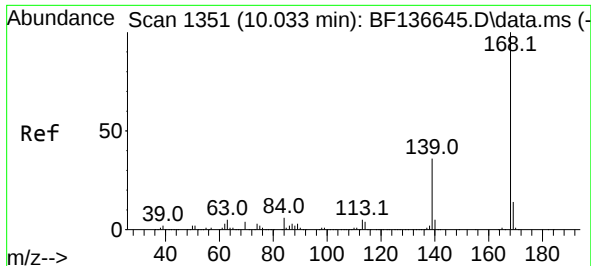
Delta R.T. 0.012 min

Lab File: BF137046.D

Acq: 12 Jan 2024 13:57

Tgt Ion:184 Resp: 83444
 Ion Ratio Lower Upper
 184 100
 63 56.6 40.9 61.3
 154 55.4 42.7 64.1





#55
Dibenzofuran
Concen: 38.485 ng
RT: 10.033 min Scan# 1351
Delta R.T. 0.000 min
Lab File: BF137046.D
Acq: 12 Jan 2024 13:57

Instrument :

BNA_F

ClientSampleId :

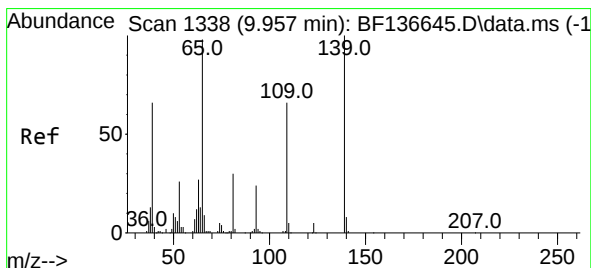
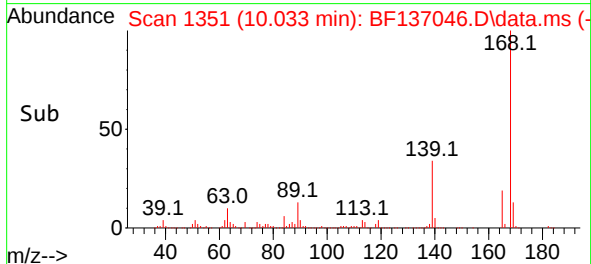
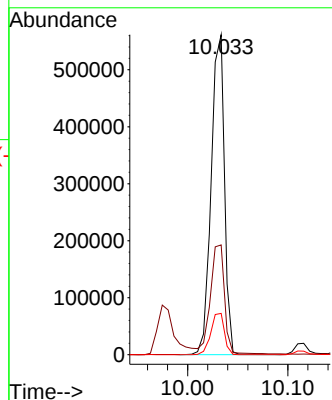
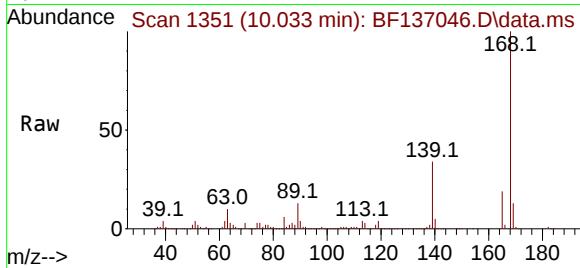
PB158404BS

Tgt Ion:168 Resp: 516150
Ion Ratio Lower Upper
168 100
139 34.3 29.3 43.9
169 12.9 11.0 16.4

Manual Integrations

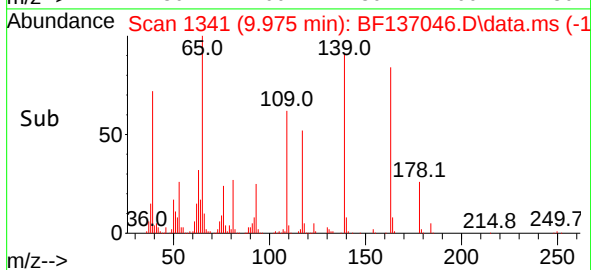
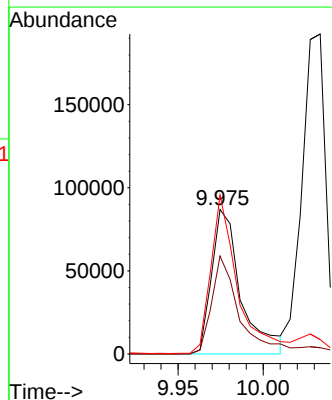
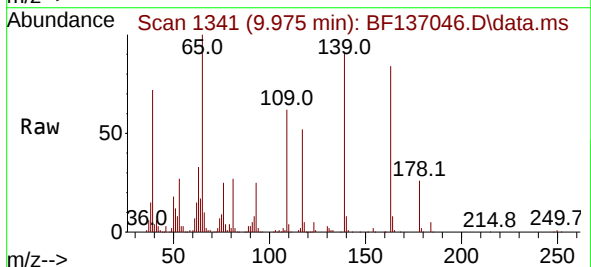
APPROVED

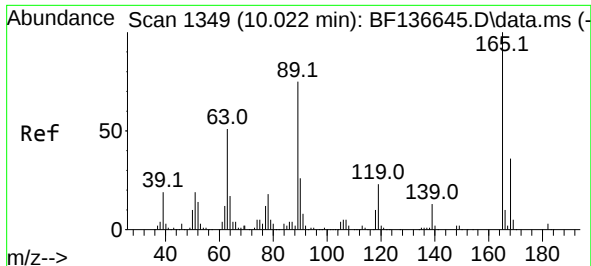
Reviewed By :Jagrut Upadhyay 01/15/2024
Supervised By :mohammad ahmed 01/16/2024



#56
4-Nitrophenol
Concen: 60.050 ng
RT: 9.975 min Scan# 1341
Delta R.T. 0.018 min
Lab File: BF137046.D
Acq: 12 Jan 2024 13:57

Tgt Ion:139 Resp: 104200
Ion Ratio Lower Upper
139 100
109 67.7 45.8 85.8
65 109.8 77.8 117.8





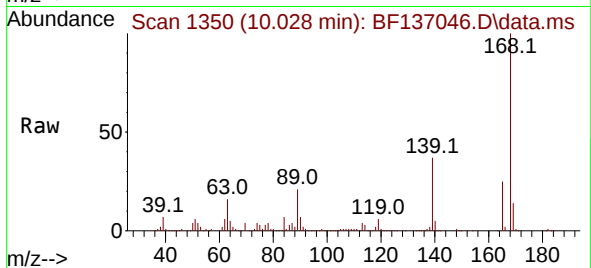
#57
2,4-Dinitrotoluene
Concen: 37.208 ng
RT: 10.028 min Scan# 11
Delta R.T. 0.006 min
Lab File: BF137046.D
Acq: 12 Jan 2024 13:57

Instrument :

BNA_F

ClientSampleId :

PB158404BS

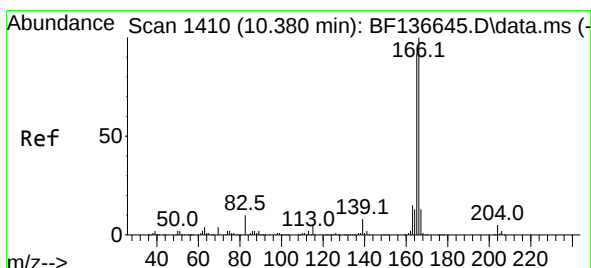
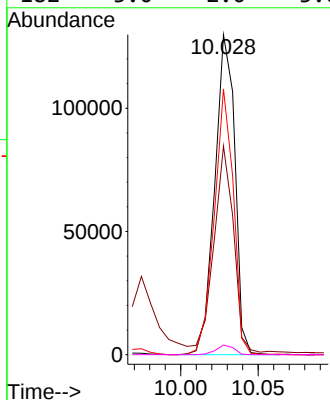
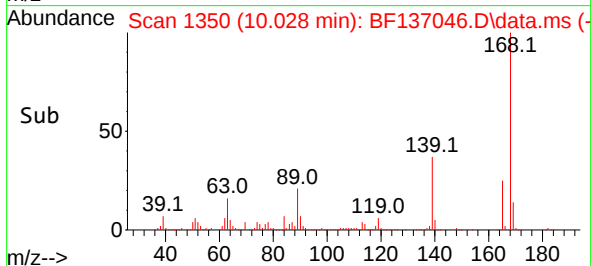


Tgt Ion:165 Resp: 117210
Ion Ratio Lower Upper
165 100
63 65.2 41.0 61.6
89 83.1 59.9 89.9
182 3.0 2.0 3.0

Manual Integrations

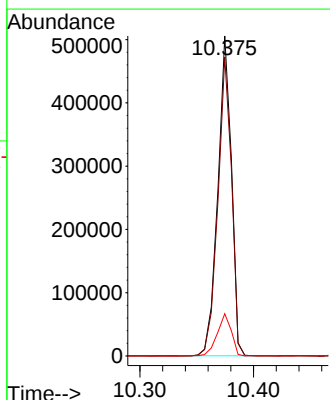
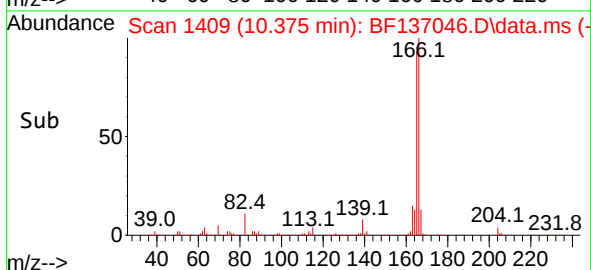
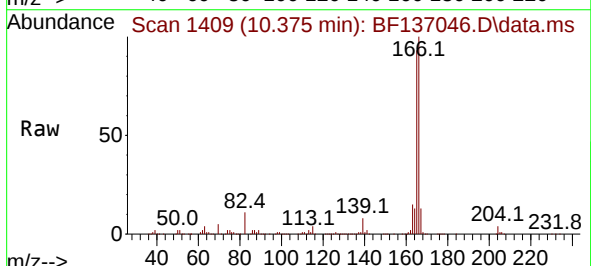
APPROVED

Reviewed By :Jagrut Upadhyay 01/15/2024
Supervised By :mohammad ahmed 01/16/2024



#58
Fluorene
Concen: 39.628 ng
RT: 10.375 min Scan# 1409
Delta R.T. -0.006 min
Lab File: BF137046.D
Acq: 12 Jan 2024 13:57

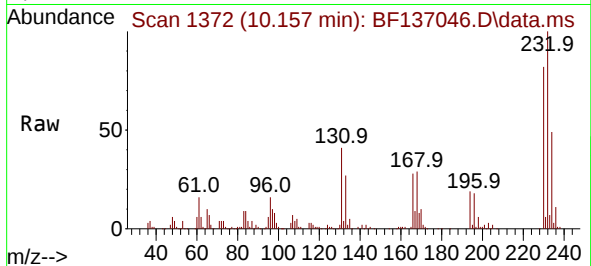
Tgt Ion:166 Resp: 421708
Ion Ratio Lower Upper
166 100
165 93.4 73.7 110.5
167 13.2 10.4 15.6





#59
2,3,4,6-Tetrachlorophenol
Concen: 42.311 ng
RT: 10.157 min Scan# 1372
Delta R.T. 0.000 min
Lab File: BF137046.D
Acq: 12 Jan 2024 13:57

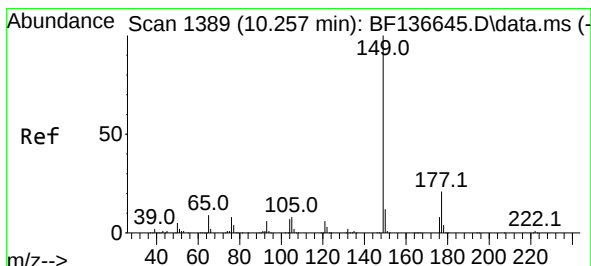
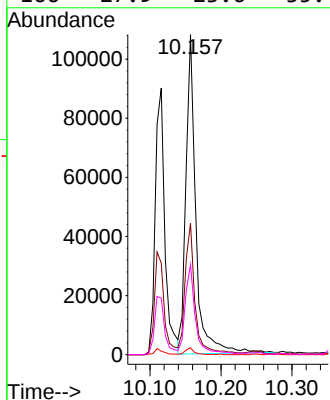
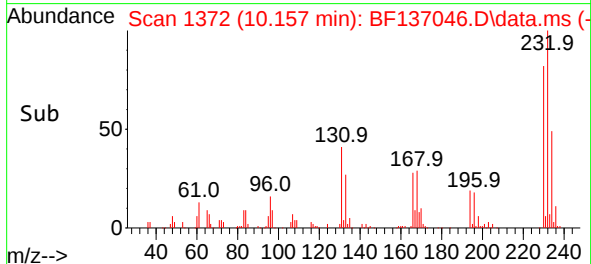
Instrument :
BNA_F
ClientSampleId :
PB158404BS



Tgt Ion:232 Resp: 105521
Ion Ratio Lower Upper
232 100
131 40.6 35.1 52.7
130 1.9 1.6 2.4
166 27.9 23.6 35.4

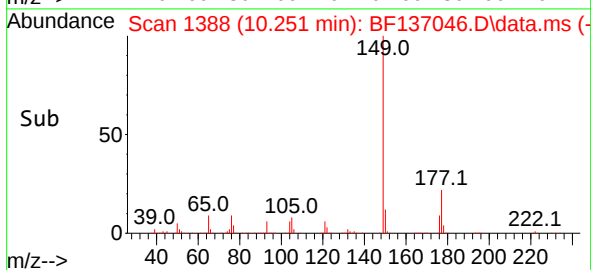
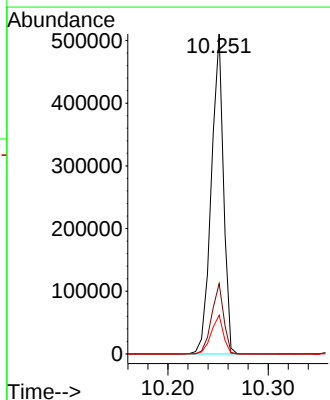
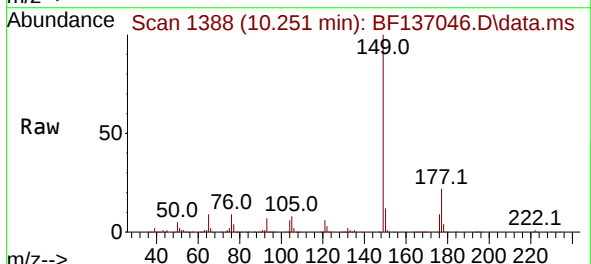
Manual Integrations
APPROVED

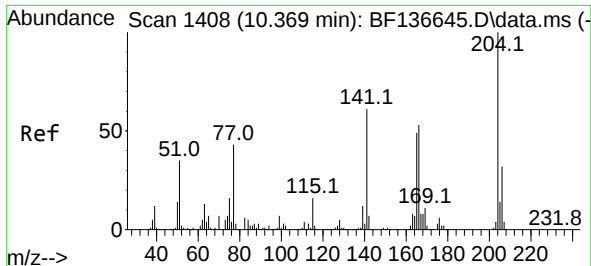
Reviewed By :Jagrut Upadhyay 01/15/2024
Supervised By :mohammad ahmed 01/16/2024



#60
Diethylphthalate
Concen: 38.831 ng
RT: 10.251 min Scan# 1388
Delta R.T. -0.006 min
Lab File: BF137046.D
Acq: 12 Jan 2024 13:57

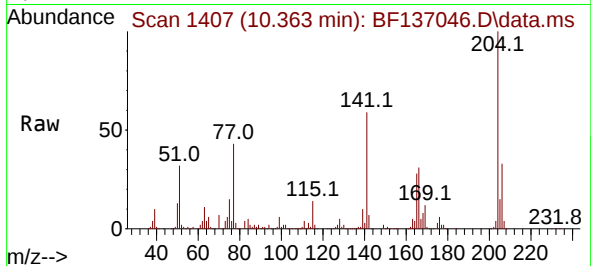
Tgt Ion:149 Resp: 430772
Ion Ratio Lower Upper
149 100
177 22.0 16.9 25.3
150 12.1 9.3 13.9





#61
4-Chlorophenyl-phenylether
Concen: 39.463 ng
RT: 10.363 min Scan# 1407
Delta R.T. -0.006 min
Lab File: BF137046.D
Acq: 12 Jan 2024 13:57

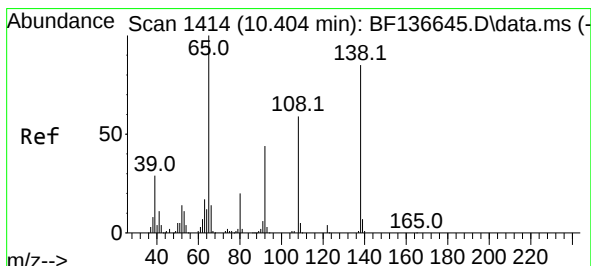
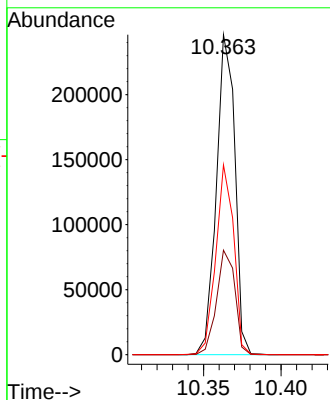
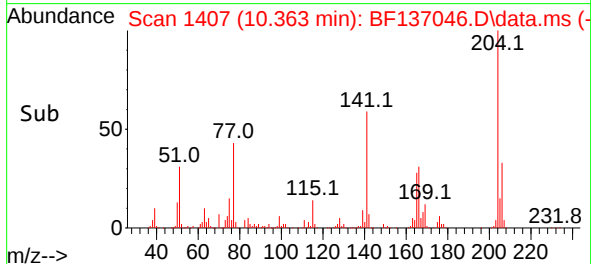
Instrument :
BNA_F
ClientSampleId :
PB158404BS



Tgt Ion:204 Resp: 204128
Ion Ratio Lower Upper
204 100
206 32.6 25.6 38.4
141 59.3 48.4 72.6

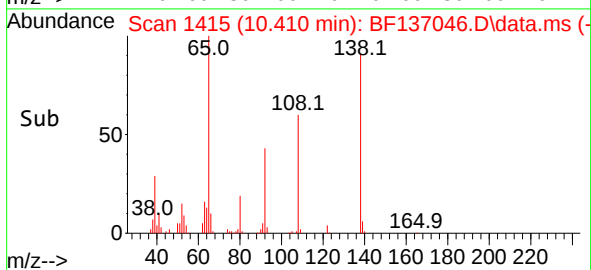
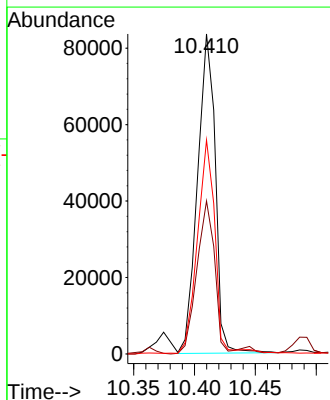
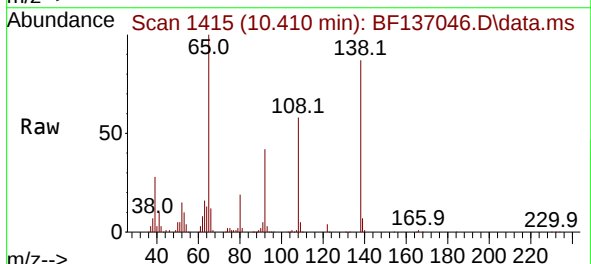
Manual Integrations
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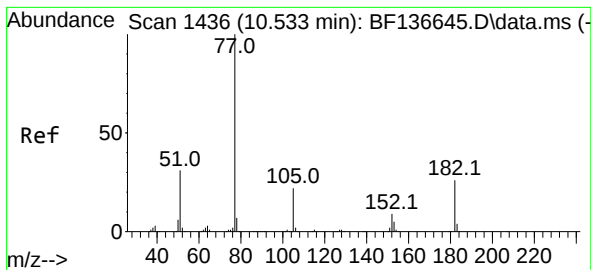
Reviewed By :Jagrut Upadhyay 01/15/2024
Supervised By :mohammad ahmed 01/16/2024



#62
4-Nitroaniline
Concen: 34.210 ng
RT: 10.410 min Scan# 1415
Delta R.T. 0.006 min
Lab File: BF137046.D
Acq: 12 Jan 2024 13:57

Tgt Ion:138 Resp: 84771
Ion Ratio Lower Upper
138 100
92 47.8 32.1 72.1
108 66.9 50.1 90.1





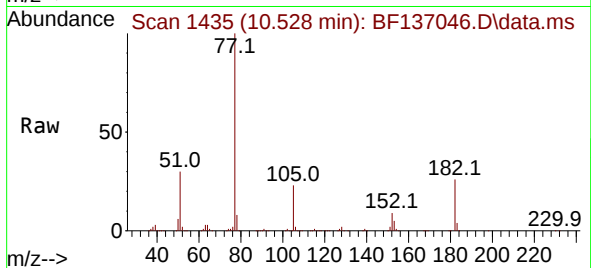
#63
Azobenzene
Concen: 37.295 ng
RT: 10.528 min Scan# 1436
Delta R.T. -0.006 min
Lab File: BF137046.D
Acq: 12 Jan 2024 13:57

Instrument :

BNA_F

ClientSampleId :

PB158404BS

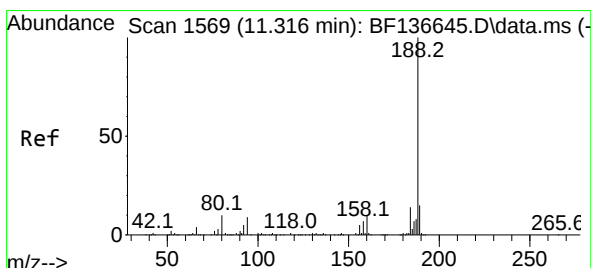
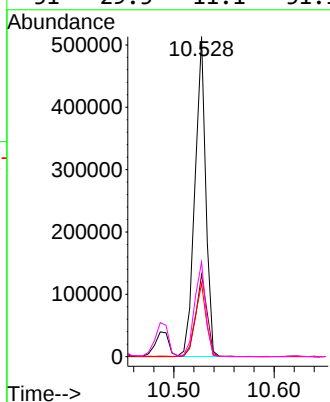
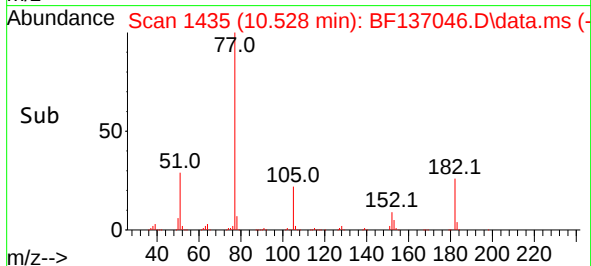


Tgt Ion: 77 Resp: 386428
Ion Ratio Lower Upper
77 100
182 25.7 6.0 46.0
105 22.9 2.3 42.3
51 29.5 11.1 51.1

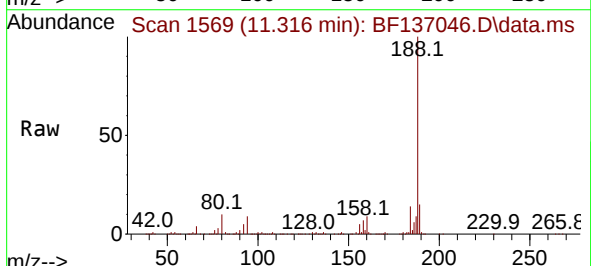
Manual Integrations

APPROVED

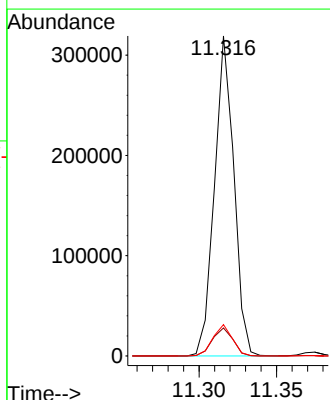
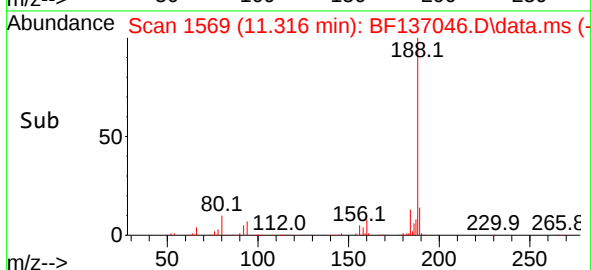
Reviewed By :Jagrut Upadhyay 01/15/2024
Supervised By :mohammad ahmed 01/16/2024

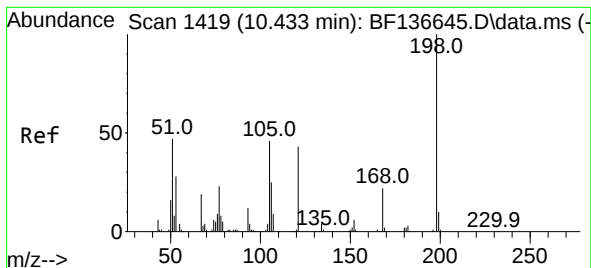


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.316 min Scan# 1569
Delta R.T. 0.000 min
Lab File: BF137046.D
Acq: 12 Jan 2024 13:57



Tgt Ion:188 Resp: 277459
Ion Ratio Lower Upper
188 100
94 8.8 7.5 11.3
80 9.8 8.1 12.1





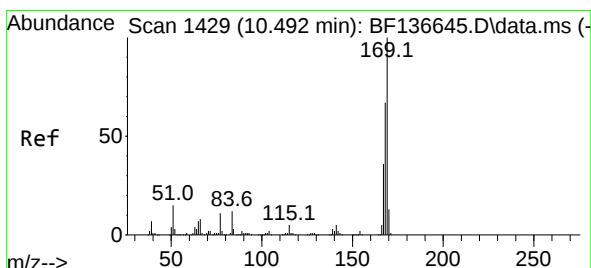
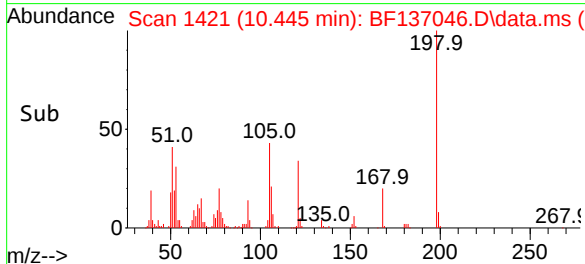
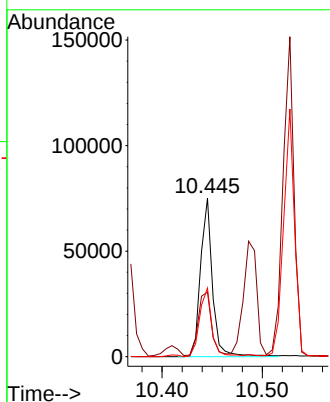
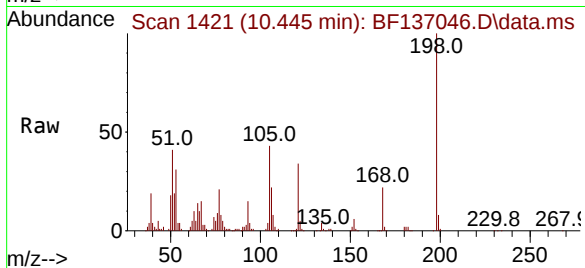
#65
4,6-Dinitro-2-methylphenol
Concen: 39.161 ng
RT: 10.445 min Scan# 1419
Delta R.T. 0.012 min
Lab File: BF137046.D
Acq: 12 Jan 2024 13:57

Instrument :
BNA_F
ClientSampleId :
PB158404BS

Tgt Ion:198 Resp: 62270
Ion Ratio Lower Upper
198 100
51 40.8 34.1 74.1
105 43.3 27.3 67.3

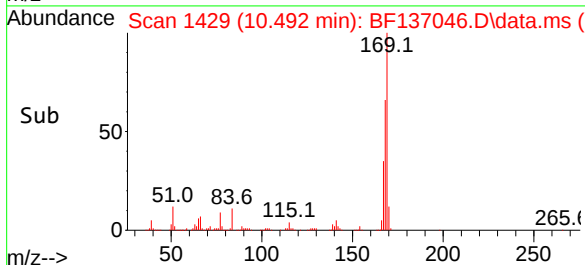
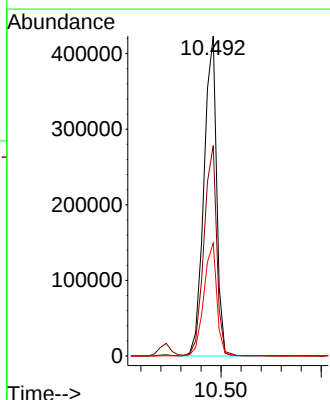
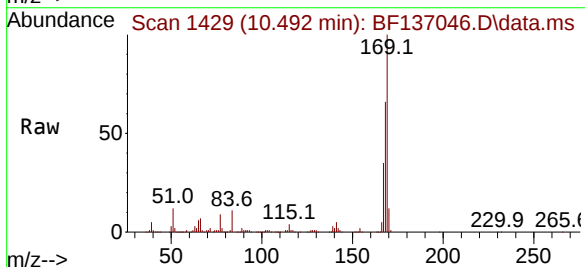
Manual Integrations
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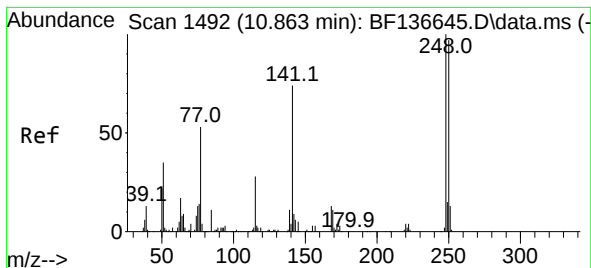
Reviewed By :Jagrut Upadhyay 01/15/2024
Supervised By :mohammad ahmed 01/16/2024



#66
n-Nitrosodiphenylamine
Concen: 41.520 ng
RT: 10.492 min Scan# 1429
Delta R.T. 0.000 min
Lab File: BF137046.D
Acq: 12 Jan 2024 13:57

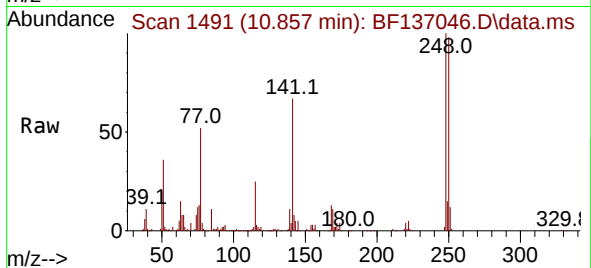
Tgt Ion:169 Resp: 374227
Ion Ratio Lower Upper
169 100
168 65.7 53.8 80.6
167 35.3 28.7 43.1





#67
4-Bromophenyl-phenylether
Concen: 41.123 ng
RT: 10.857 min Scan# 1491
Delta R.T. -0.006 min
Lab File: BF137046.D
Acq: 12 Jan 2024 13:57

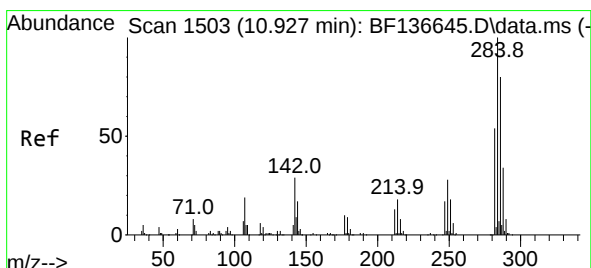
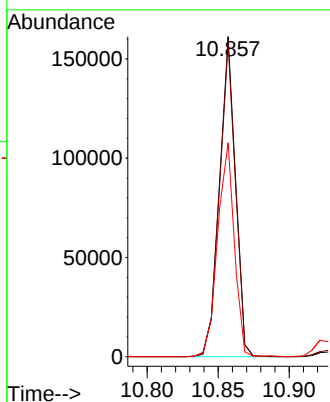
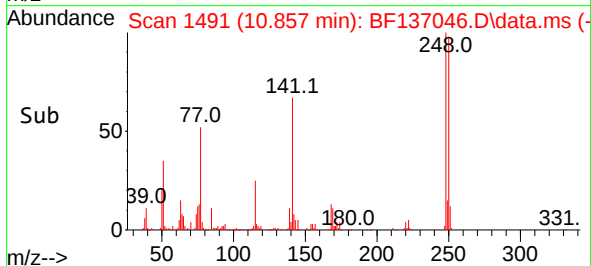
Instrument :
BNA_F
ClientSampleId :
PB158404BS



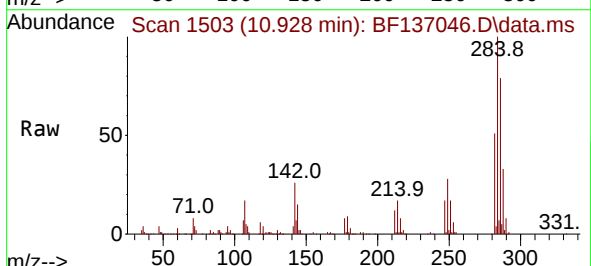
Tgt Ion:248 Resp: 126715
Ion Ratio Lower Upper
248 100
250 97.9 77.8 116.6
141 66.9 59.2 88.8

Manual Integrations
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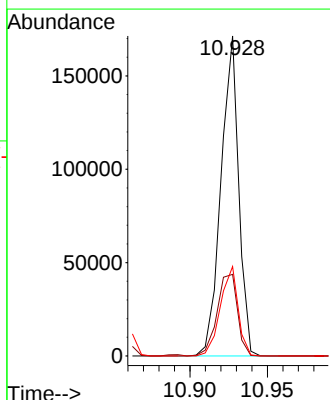
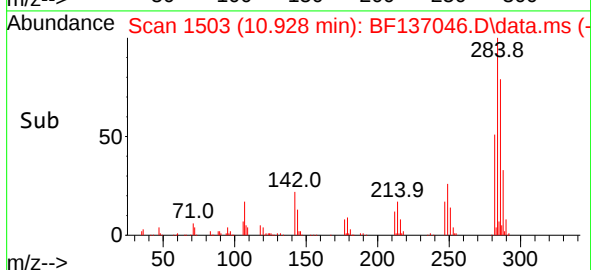
Reviewed By :Jagrut Upadhyay 01/15/2024
Supervised By :mohammad ahmed 01/16/2024

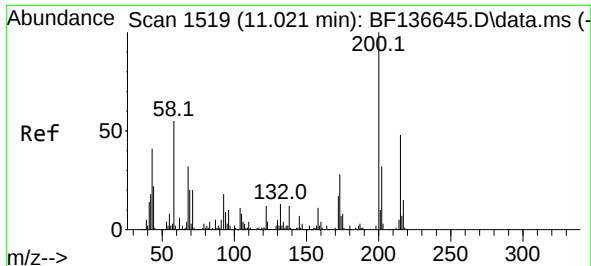


#68
Hexachlorobenzene
Concen: 39.679 ng
RT: 10.928 min Scan# 1503
Delta R.T. 0.000 min
Lab File: BF137046.D
Acq: 12 Jan 2024 13:57



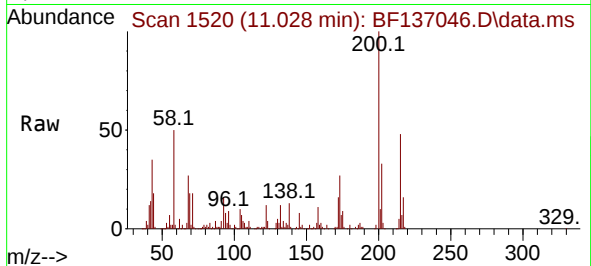
Tgt Ion:284 Resp: 136255
Ion Ratio Lower Upper
284 100
142 25.5 23.4 35.0
249 27.9 22.3 33.5





#69
 Atrazine
 Concen: 68.132 ng
 RT: 11.028 min Scan# 11
 Delta R.T. 0.006 min
 Lab File: BF137046.D
 Acq: 12 Jan 2024 13:57

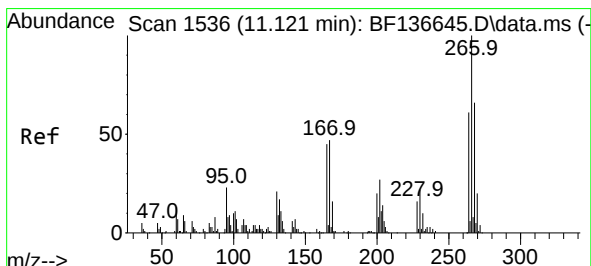
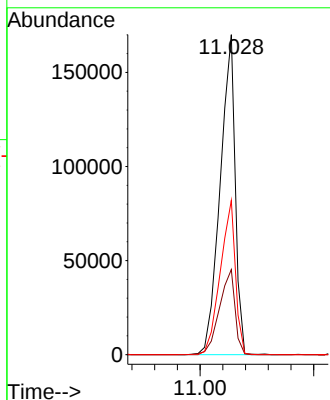
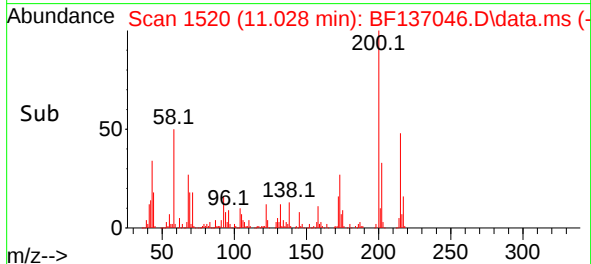
Instrument :
 BNA_F
 ClientSampleId :
 PB158404BS



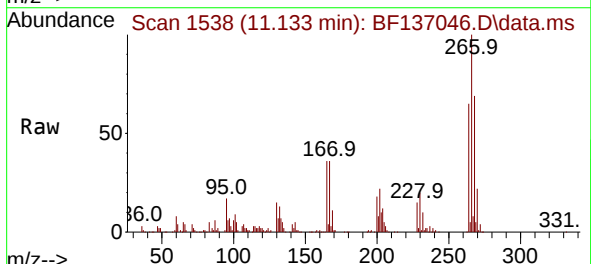
Tgt Ion:200 Resp: 15706
 Ion Ratio Lower Upper
 200 100
 173 26.6 7.6 47.6
 215 48.2 28.3 68.3

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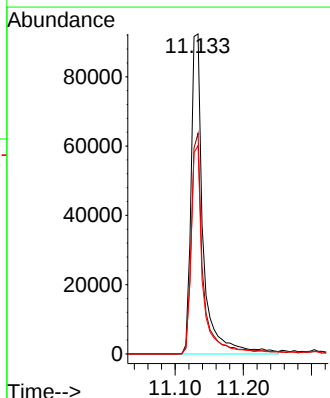
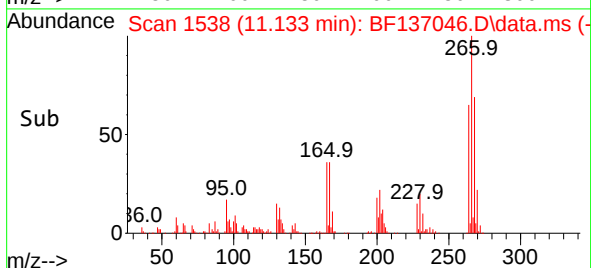
Reviewed By :Jagrut Upadhyay 01/15/2024
 Supervised By :mohammad ahmed 01/16/2024

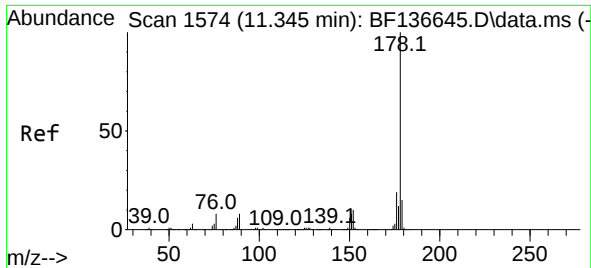


#70
 Pentachlorophenol
 Concen: 71.169 ng
 RT: 11.133 min Scan# 1538
 Delta R.T. 0.012 min
 Lab File: BF137046.D
 Acq: 12 Jan 2024 13:57



Tgt Ion:266 Resp: 113913
 Ion Ratio Lower Upper
 266 100
 268 68.9 52.6 78.8
 264 65.1 49.0 73.4





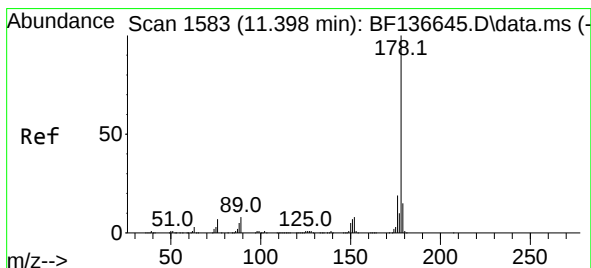
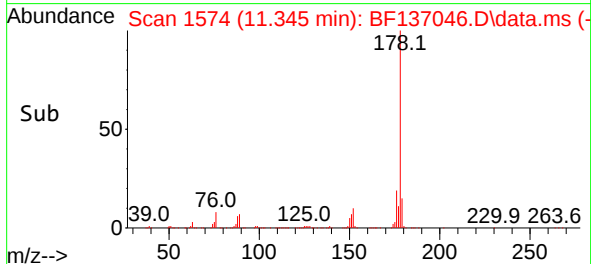
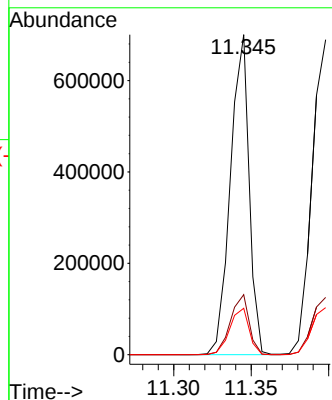
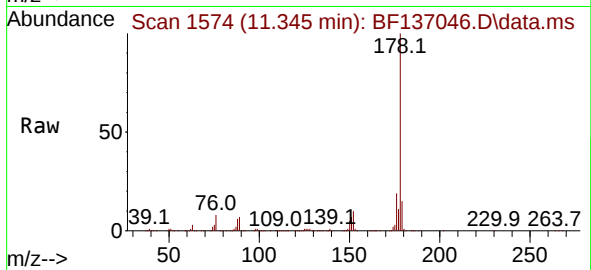
#71
Phenanthrene
Concen: 41.284 ng
RT: 11.345 min Scan# 1574
Delta R.T. 0.000 min
Lab File: BF137046.D
Acq: 12 Jan 2024 13:57

Instrument :
BNA_F
ClientSampleId :
PB158404BS

Tgt Ion:178 Resp: 587740
Ion Ratio Lower Upper
178 100
176 18.7 15.3 22.9
179 14.5 11.9 17.9

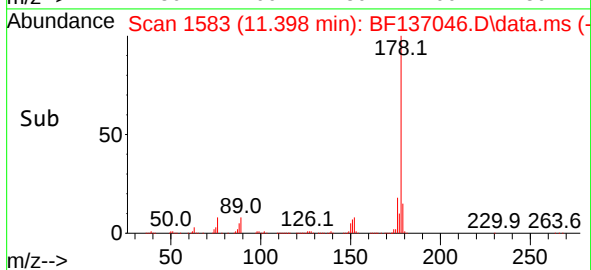
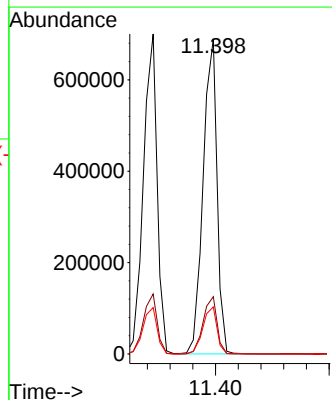
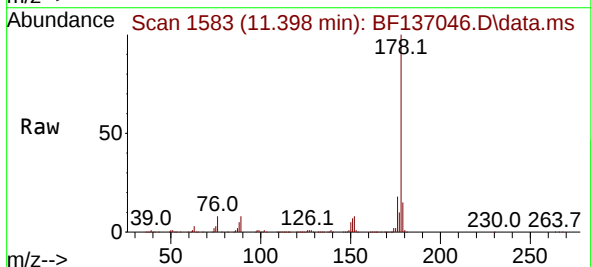
Manual Integrations
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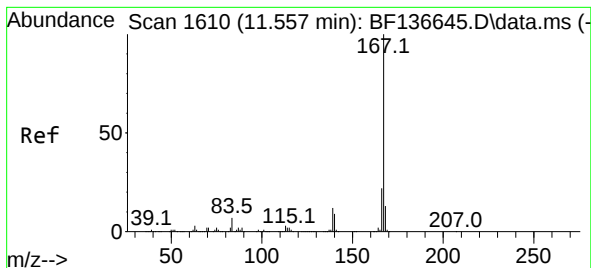
Reviewed By :Jagrut Upadhyay 01/15/2024
Supervised By :mohammad ahmed 01/16/2024



#72
Anthracene
Concen: 40.700 ng
RT: 11.398 min Scan# 1583
Delta R.T. 0.000 min
Lab File: BF137046.D
Acq: 12 Jan 2024 13:57

Tgt Ion:178 Resp: 586813
Ion Ratio Lower Upper
178 100
176 18.2 14.9 22.3
179 14.9 11.8 17.6





#73

Carbazole

Concen: 38.472 ng

RT: 11.557 min Scan# 1610

Delta R.T. 0.000 min

Lab File: BF137046.D

Acq: 12 Jan 2024 13:57

Instrument :

BNA_F

ClientSampleId :

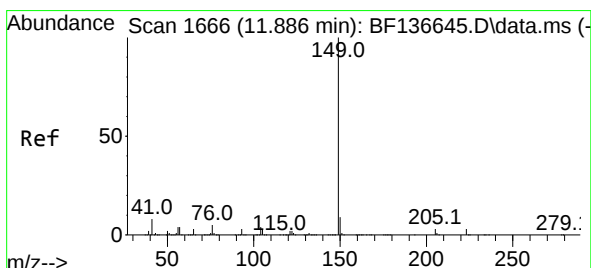
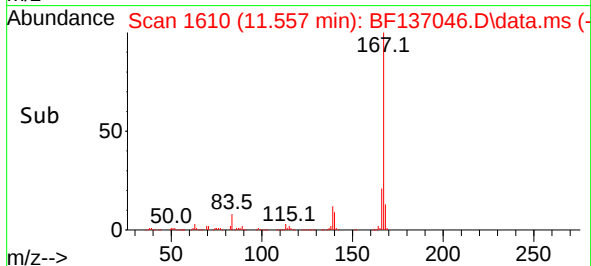
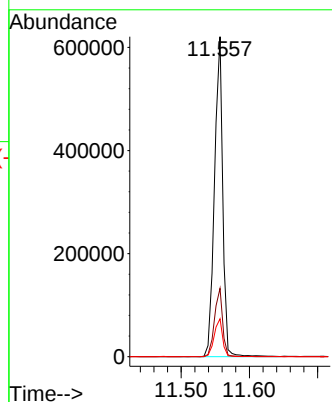
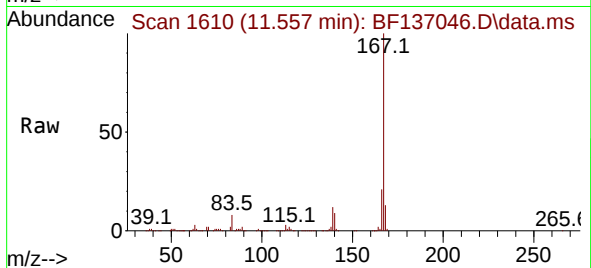
PB158404BS

Tgt Ion:167	Resp: 522960
Ion Ratio	Lower Upper
167 100	
166 21.4	17.3 25.9
139 11.9	9.8 14.6

Manual Integrations

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Reviewed By :Jagrut Upadhyay 01/15/2024
Supervised By :mohammad ahmed 01/16/2024



#74

Di-n-butylphthalate

Concen: 40.285 ng

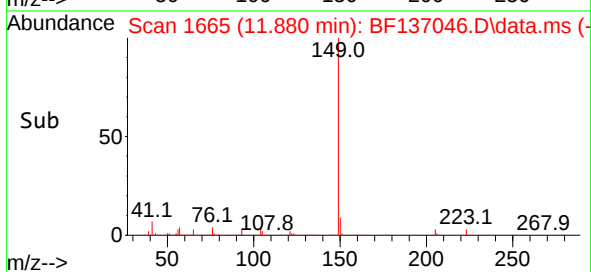
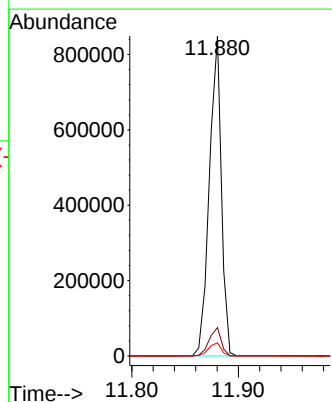
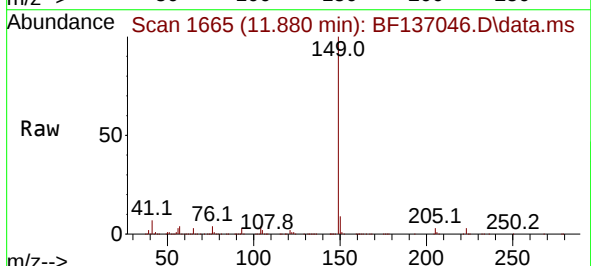
RT: 11.880 min Scan# 1665

Delta R.T. -0.006 min

Lab File: BF137046.D

Acq: 12 Jan 2024 13:57

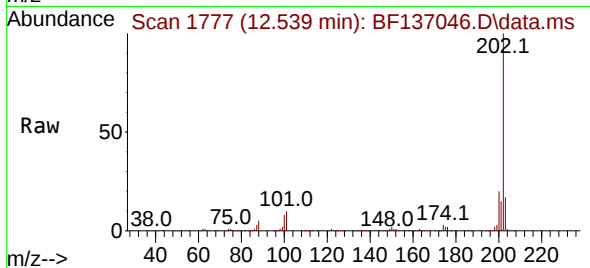
Tgt Ion:149	Resp: 668214
Ion Ratio	Lower Upper
149 100	
150 8.9	7.4 11.2
104 4.1	3.6 5.4





#75
Fluoranthene
Concen: 37.421 ng
RT: 12.539 min Scan# 1777
Delta R.T. 0.000 min
Lab File: BF137046.D
Acq: 12 Jan 2024 13:57

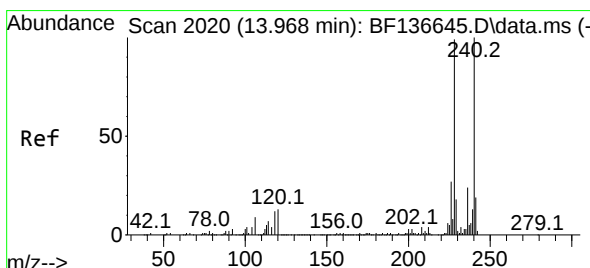
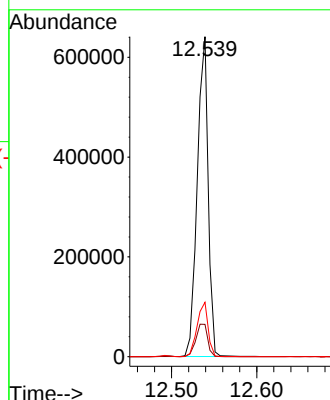
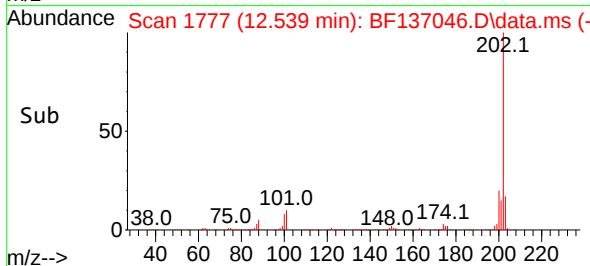
Instrument :
BNA_F
ClientSampleId :
PB158404BS



Tgt Ion:202 Resp: 569862
Ion Ratio Lower Upper
202 100
101 10.1 0.0 29.3
203 17.0 0.0 37.1

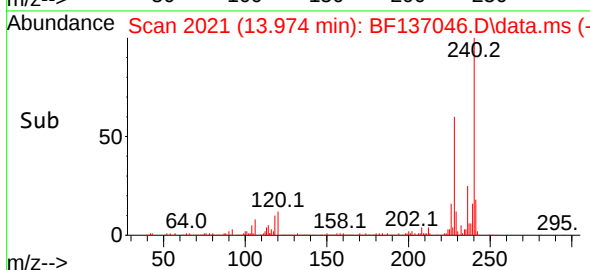
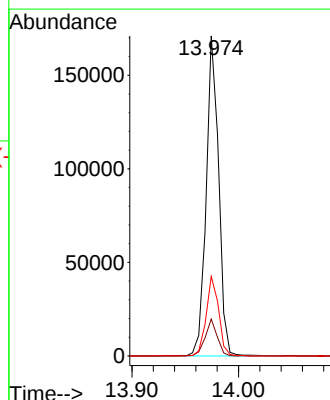
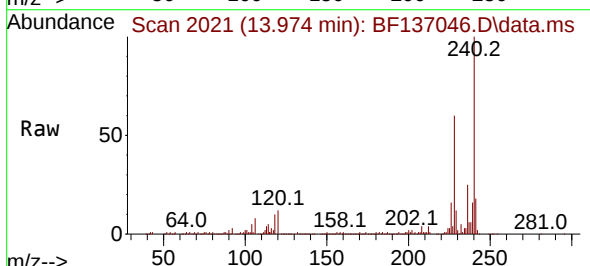
Manual Integrations
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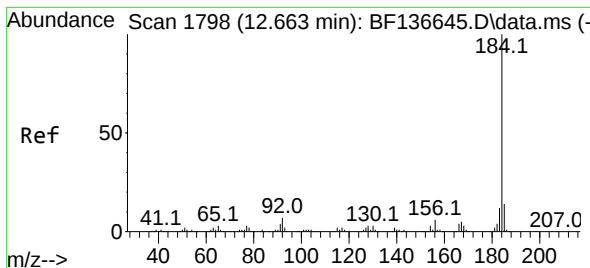
Reviewed By :Jagrut Upadhyay 01/15/2024
Supervised By :mohammad ahmed 01/16/2024



#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.974 min Scan# 2021
Delta R.T. 0.006 min
Lab File: BF137046.D
Acq: 12 Jan 2024 13:57

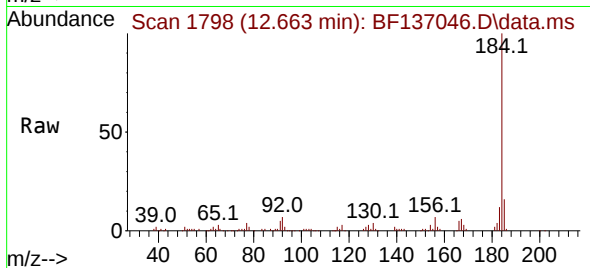
Tgt Ion:240 Resp: 139833
Ion Ratio Lower Upper
240 100
120 11.6 10.3 15.5
236 24.8 19.4 29.2





#77
Benzidine
Concen: 17.753 ng
RT: 12.663 min Scan# 1798
Delta R.T. 0.000 min
Lab File: BF137046.D
Acq: 12 Jan 2024 13:57

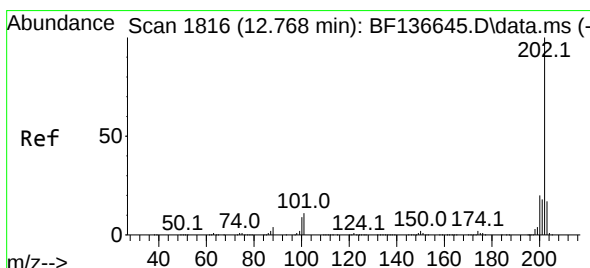
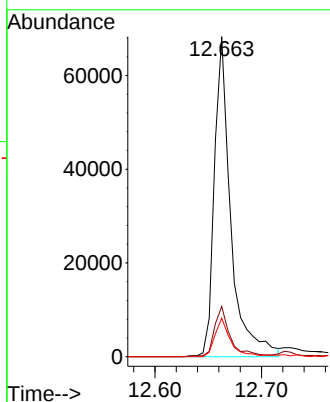
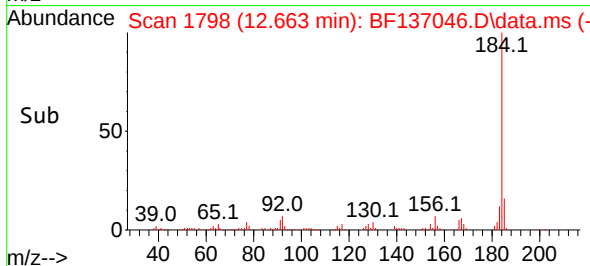
Instrument :
BNA_F
ClientSampleId :
PB158404BS



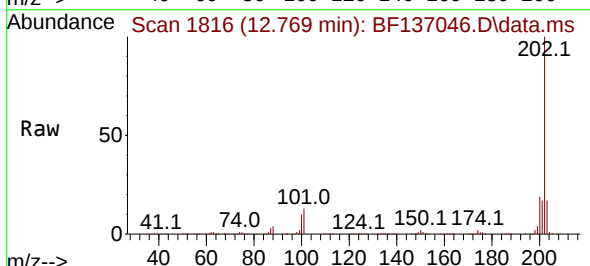
Tgt Ion:184 Resp: 73198
Ion Ratio Lower Upper
184 100
185 15.7 11.2 16.8
183 12.1 9.3 13.9

Manual Integrations
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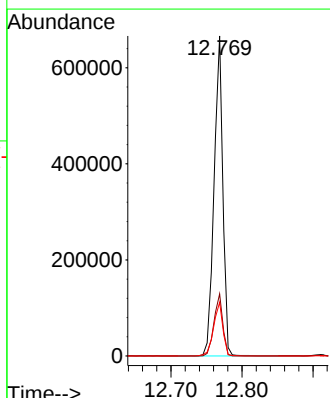
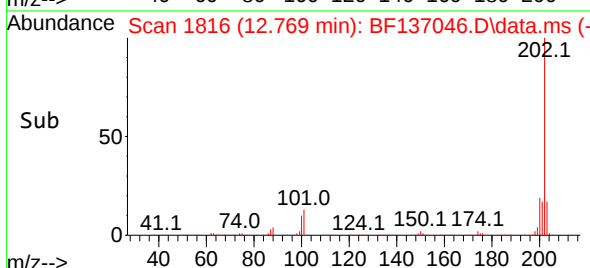
Reviewed By :Jagrut Upadhyay 01/15/2024
Supervised By :mohammad ahmed 01/16/2024

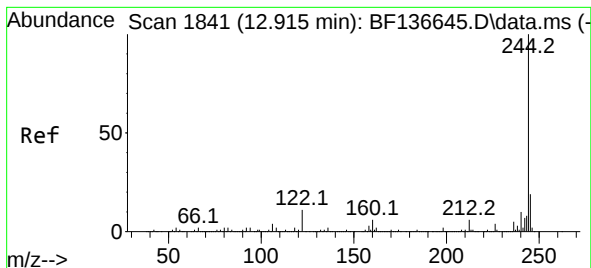


#78
Pyrene
Concen: 41.571 ng
RT: 12.769 min Scan# 1816
Delta R.T. 0.000 min
Lab File: BF137046.D
Acq: 12 Jan 2024 13:57



Tgt Ion:202 Resp: 570638
Ion Ratio Lower Upper
202 100
200 19.4 15.9 23.9
203 16.8 13.8 20.6





#79

Terphenyl-d14

Concen: 82.668 ng

RT: 12.910 min Scan# 1841

Delta R.T. -0.006 min

Lab File: BF137046.D

Acq: 12 Jan 2024 13:57

Instrument :

BNA_F

ClientSampleId :

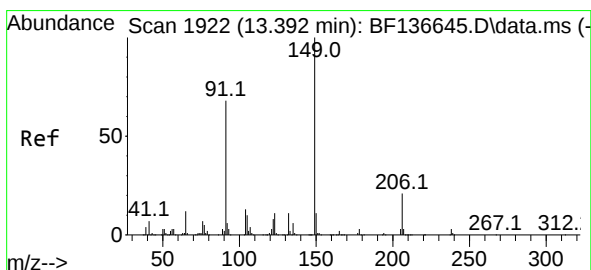
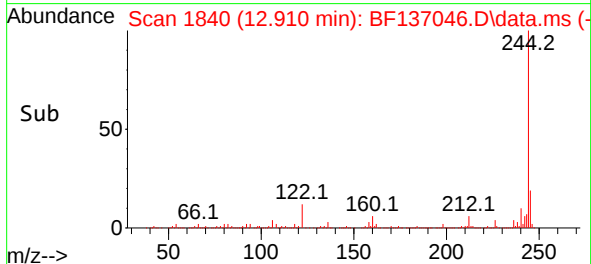
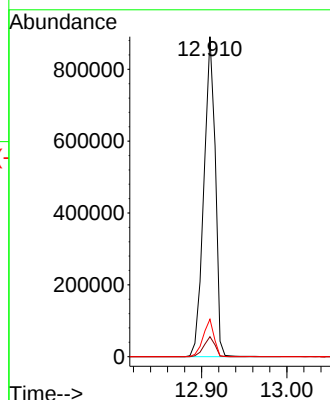
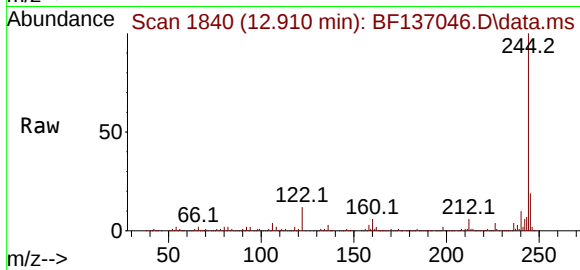
PB158404BS

Tgt Ion:244 Resp: 827190
 Ion Ratio Lower Upper
 244 100
 212 6.2 5.0 7.4
 122 11.7 9.0 13.4

Manual Integrations

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Reviewed By :Jagrut Upadhyay 01/15/2024
 Supervised By :mohammad ahmed 01/16/2024



#80

Butylbenzylphthalate

Concen: 42.648 ng

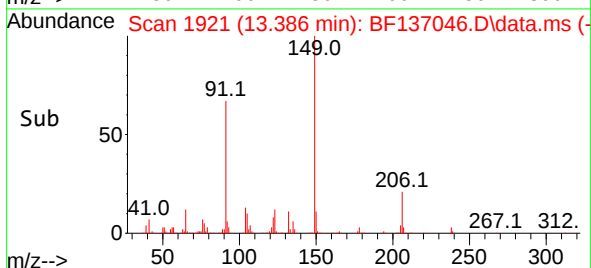
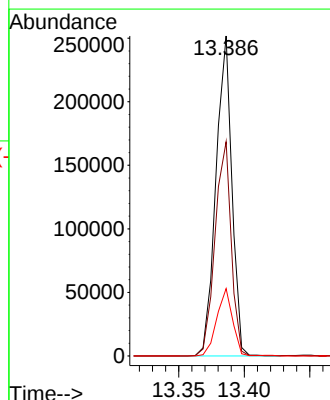
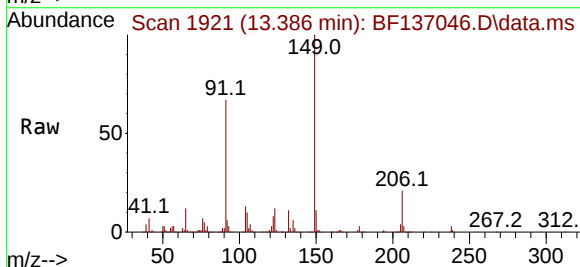
RT: 13.386 min Scan# 1921

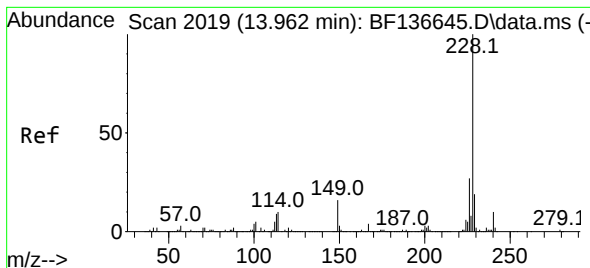
Delta R.T. -0.006 min

Lab File: BF137046.D

Acq: 12 Jan 2024 13:57

Tgt Ion:149 Resp: 213020
 Ion Ratio Lower Upper
 149 100
 91 66.9 54.1 81.1
 206 21.1 17.1 25.7





#81

Benzo(a)anthracene

Concen: 41.456 ng

RT: 13.963 min Scan# 2019

Delta R.T. 0.000 min

Lab File: BF137046.D

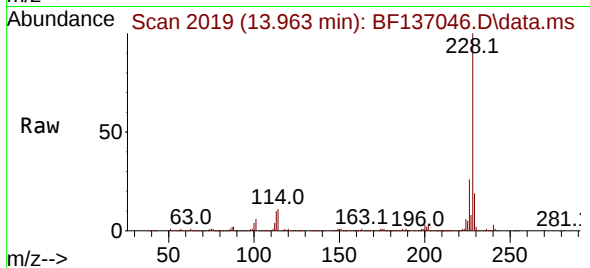
Acq: 12 Jan 2024 13:57

Instrument :

BNA_F

ClientSampleId :

PB158404BS



Tgt Ion:228 Resp: 402530

Ion Ratio Lower Upper

228 100

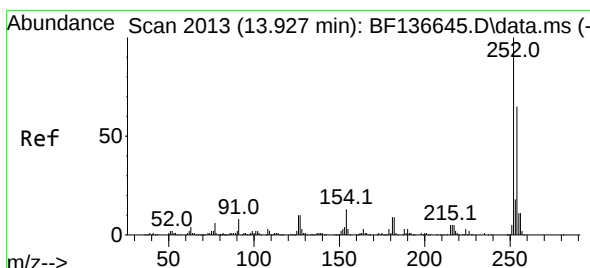
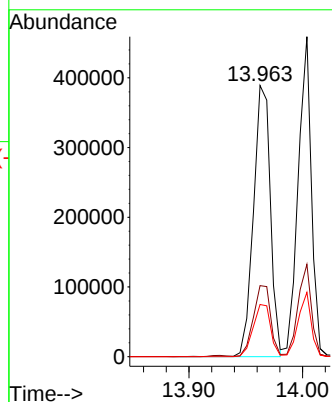
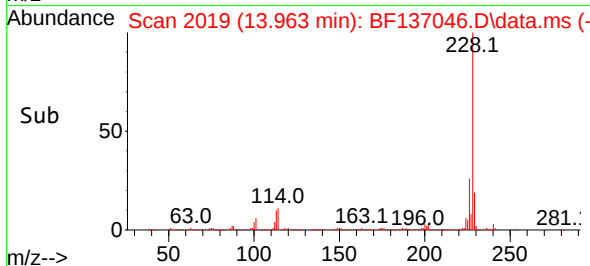
226 26.2 21.4 32.0

229 19.2 14.9 22.3

Manual Integrations

APPROVED

Reviewed By :Jagrut Upadhyay 01/15/2024
Supervised By :mohammad ahmed 01/16/2024



#82

3,3'-Dichlorobenzidine

Concen: 39.866 ng

RT: 13.927 min Scan# 2013

Delta R.T. 0.000 min

Lab File: BF137046.D

Acq: 12 Jan 2024 13:57

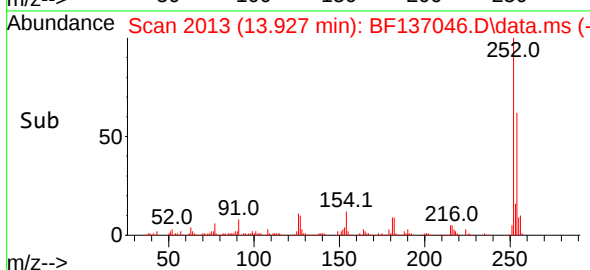
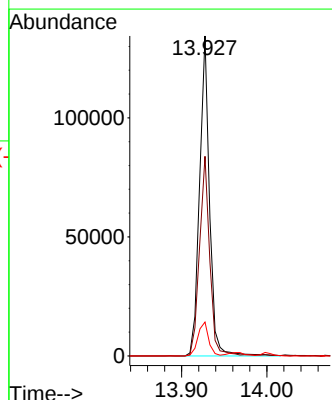
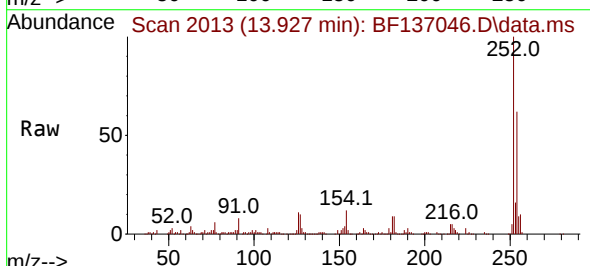
Tgt Ion:252 Resp: 109932

Ion Ratio Lower Upper

252 100

254 62.4 52.2 78.4

126 10.6 8.0 12.0





#83

Chrysene

Concen: 39.176 ng

RT: 14.004 min Scan# 2016

Delta R.T. 0.006 min

Lab File: BF137046.D

Acq: 12 Jan 2024 13:57

Instrument :

BNA_F

ClientSampleId :

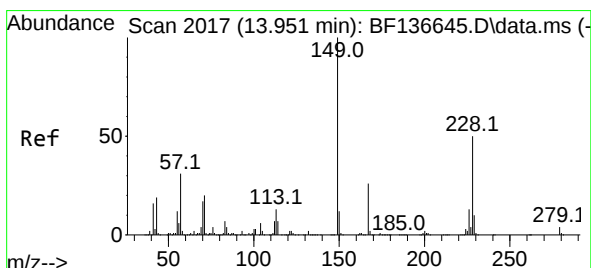
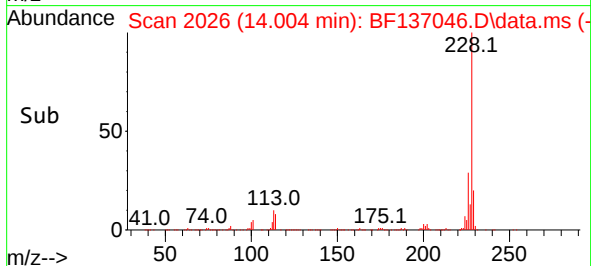
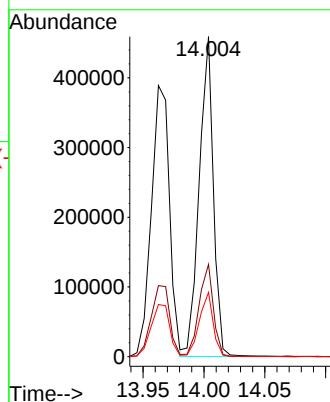
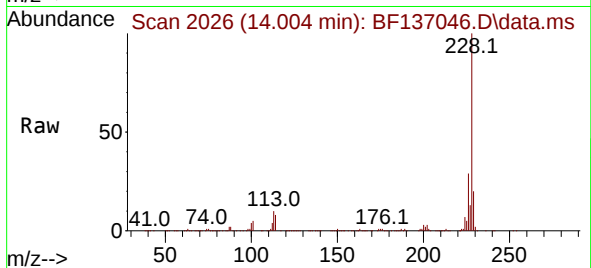
PB158404BS

Tgt Ion:228 Resp: 371985
 Ion Ratio Lower Upper
 228 100
 226 28.9 24.7 37.1
 229 20.1 15.4 23.0

Manual Integrations

APPROVED

Reviewed By :Jagrut Upadhyay 01/15/2024
 Supervised By :mohammad ahmed 01/16/2024



#84

Bis(2-ethylhexyl)phthalate

Concen: 44.952 ng

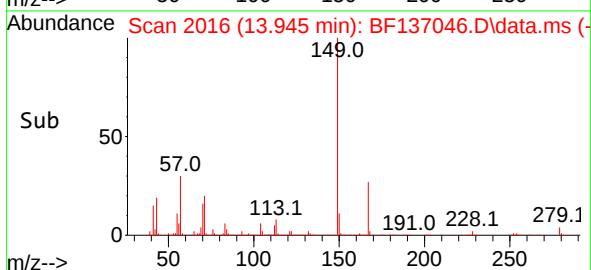
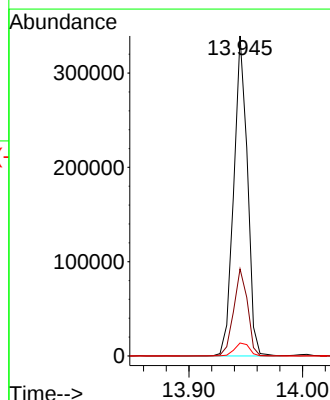
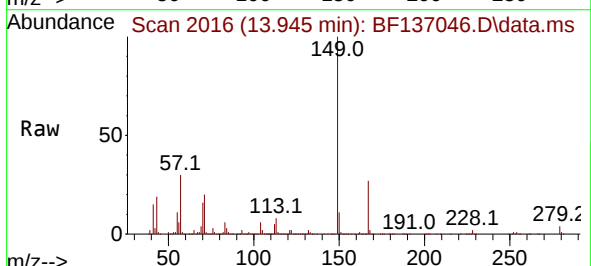
RT: 13.945 min Scan# 2016

Delta R.T. -0.006 min

Lab File: BF137046.D

Acq: 12 Jan 2024 13:57

Tgt Ion:149 Resp: 282497
 Ion Ratio Lower Upper
 149 100
 167 27.2 20.9 31.3
 279 4.1 2.9 4.3





#85

Di-n-octyl phthalate

Concen: 44.124 ng

RT: 14.563 min Scan# 2122

Delta R.T. -0.006 min

Lab File: BF137046.D

Acq: 12 Jan 2024 13:57

Instrument :

BNA_F

ClientSampleId :

PB158404BS

Tgt Ion:149 Resp: 428938

Ion Ratio Lower Upper

149 100

167 1.6 1.2 1.8

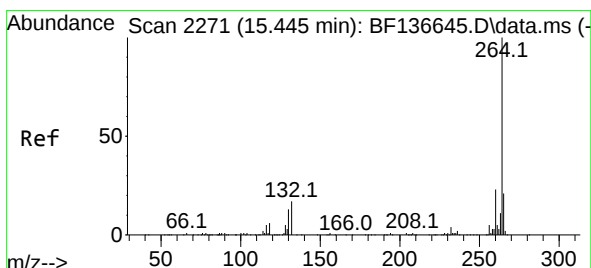
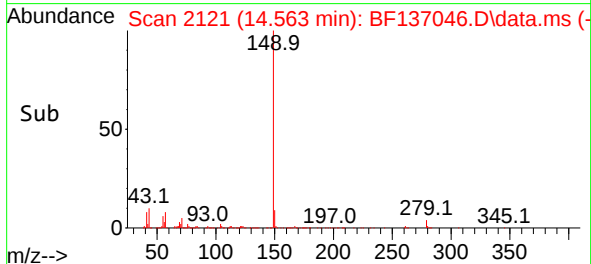
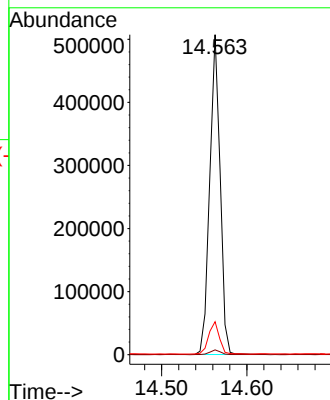
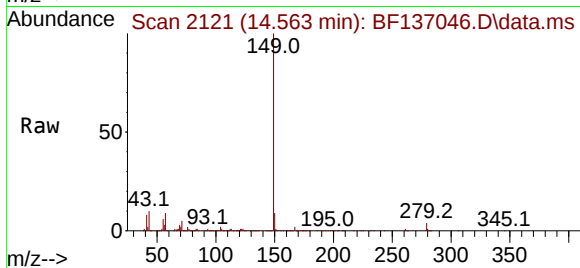
43 10.4 8.9 13.3

Manual Integrations

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Reviewed By :Jagrut Upadhyay 01/15/2024

Supervised By :mohammad ahmed 01/16/2024



#86

Perylene-d12

Concen: 20.000 ng

RT: 15.463 min Scan# 2274

Delta R.T. 0.018 min

Lab File: BF137046.D

Acq: 12 Jan 2024 13:57

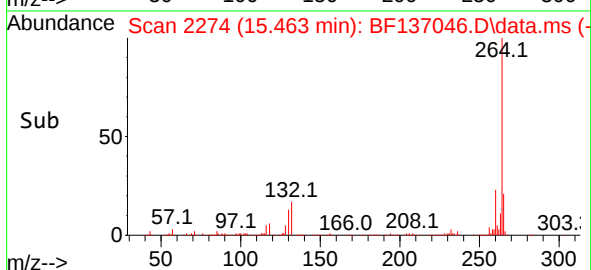
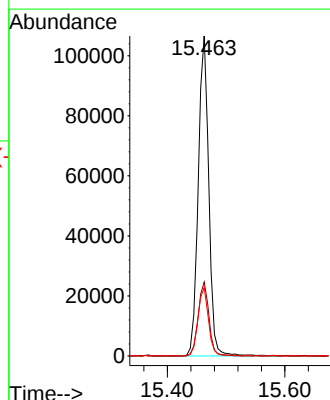
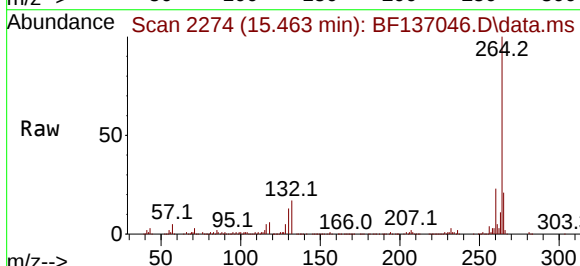
Tgt Ion:264 Resp: 132142

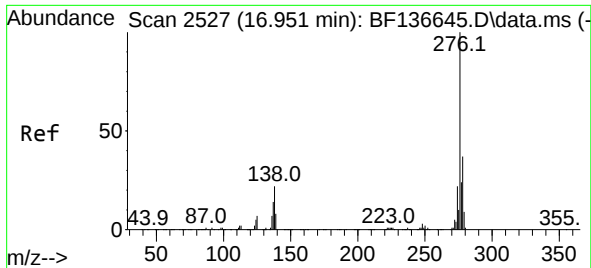
Ion Ratio Lower Upper

264 100

260 23.1 18.3 27.5

265 21.4 17.0 25.6





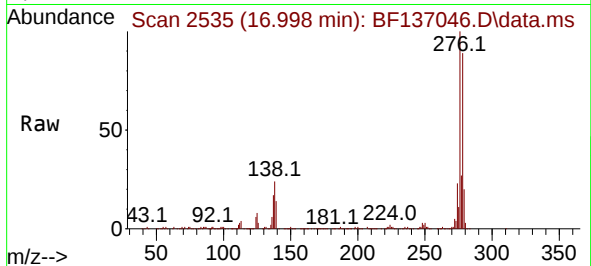
#87
Indeno(1,2,3-cd)pyrene
Concen: 48.130 ng
RT: 16.998 min Scan# 21
Delta R.T. 0.047 min
Lab File: BF137046.D
Acq: 12 Jan 2024 13:57

Instrument :

BNA_F

ClientSampleId :

PB158404BS

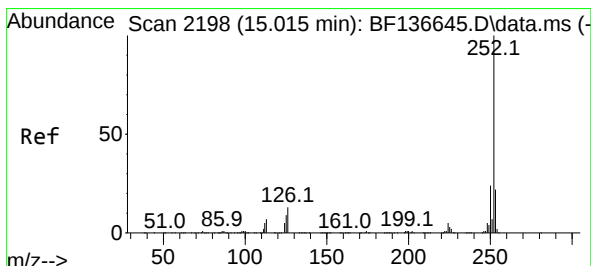
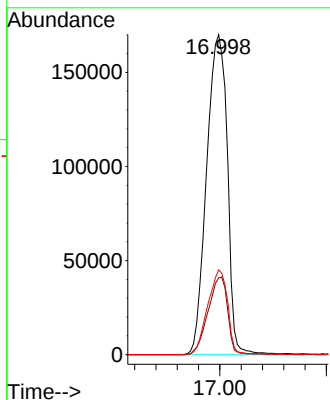
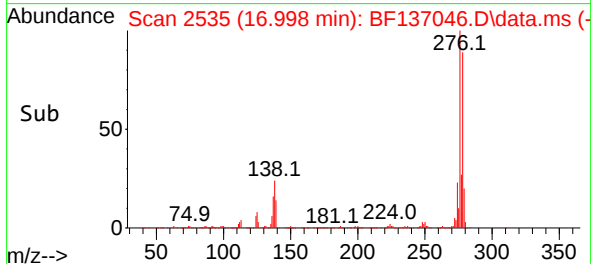


Tgt Ion:276 Resp: 45919
Ion Ratio Lower Upper
276 100
138 22.9 18.7 28.1
277 25.4 20.2 30.2

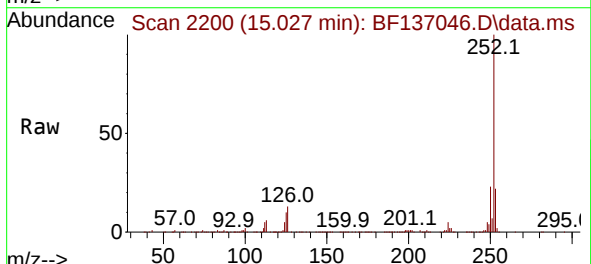
Manual Integrations

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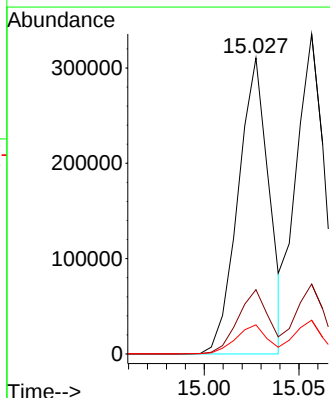
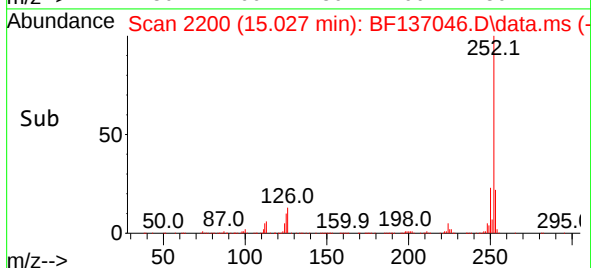
Reviewed By :Jagrut Upadhyay 01/15/2024
Supervised By :mohammad ahmed 01/16/2024

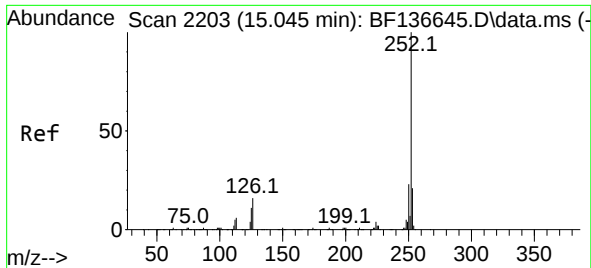


#88
Benzo(b)fluoranthene
Concen: 39.962 ng
RT: 15.027 min Scan# 2200
Delta R.T. 0.012 min
Lab File: BF137046.D
Acq: 12 Jan 2024 13:57



Tgt Ion:252 Resp: 352701
Ion Ratio Lower Upper
252 100
253 21.7 17.4 26.0
125 9.8 7.4 11.2





#89
Benzo(k)fluoranthene
Concen: 41.372 ng
RT: 15.057 min Scan# 21
Delta R.T. 0.012 min
Lab File: BF137046.D
Acq: 12 Jan 2024 13:57

Instrument :

BNA_F

ClientSampleId :

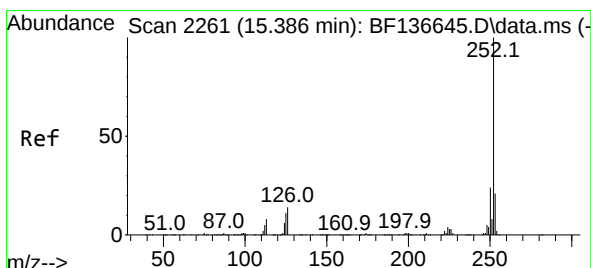
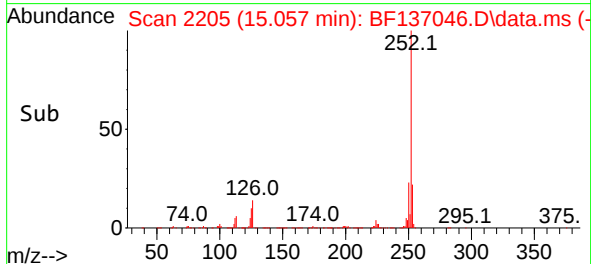
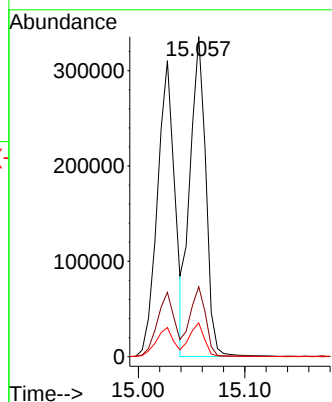
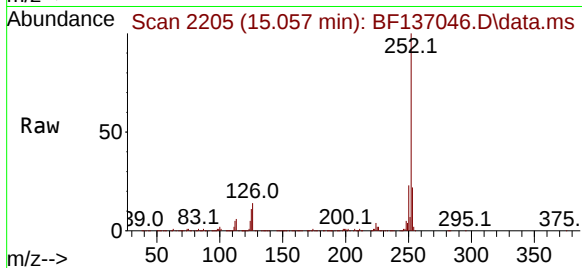
PB158404BS

Tgt Ion:252 Resp: 34503
Ion Ratio Lower Upper
252 100
253 21.9 17.0 25.6
125 10.6 8.2 12.4

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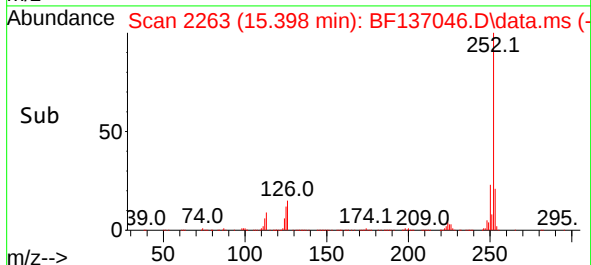
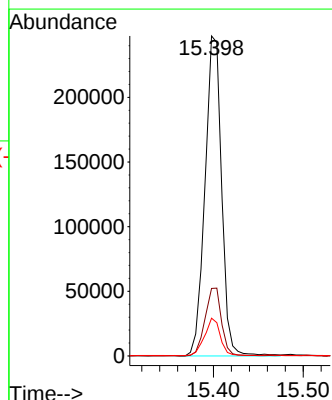
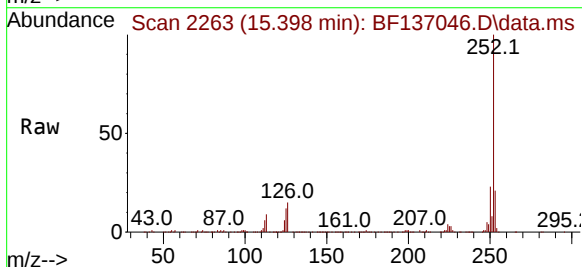
APPROVED

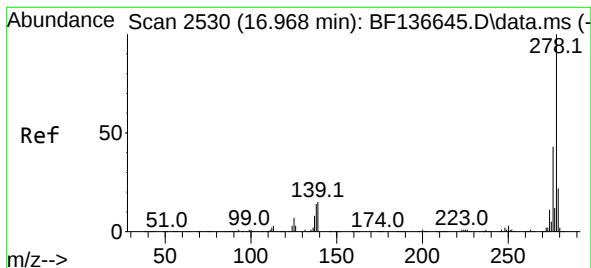
Reviewed By :Jagrut Upadhyay 01/15/2024
Supervised By :mohammad ahmed 01/16/2024



#90
Benzo(a)pyrene
Concen: 42.786 ng
RT: 15.398 min Scan# 2263
Delta R.T. 0.012 min
Lab File: BF137046.D
Acq: 12 Jan 2024 13:57

Tgt Ion:252 Resp: 318755
Ion Ratio Lower Upper
252 100
253 21.1 17.0 25.6
125 11.8 8.8 13.2





#91

Dibenzo(a,h)anthracene

Concen: 48.769 ng

RT: 17.009 min Scan# 21

Delta R.T. 0.041 min

Lab File: BF137046.D

Acq: 12 Jan 2024 13:57

Instrument :

BNA_F

ClientSampleId :

PB158404BS

Tgt Ion:278 Resp: 38173

Ion Ratio Lower Upper

278 100

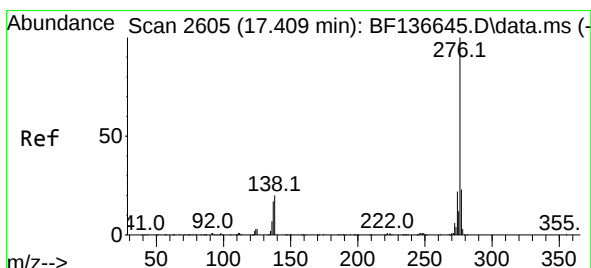
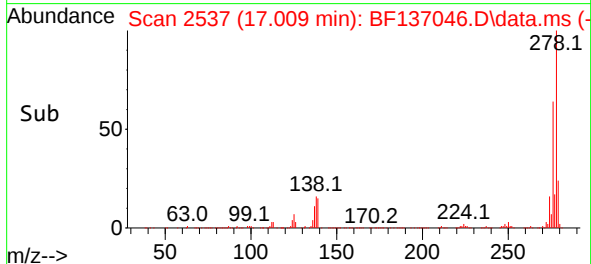
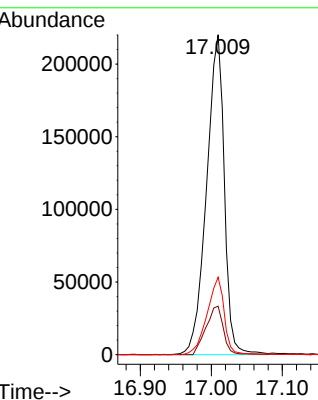
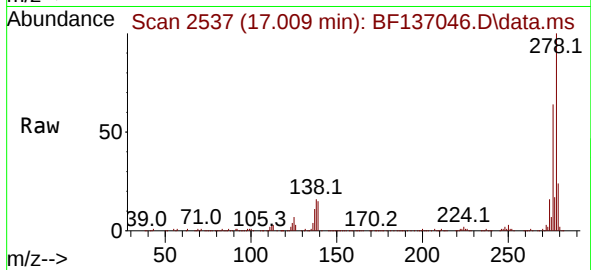
139 15.2 12.2 18.4

279 24.2 17.8 26.6

Manual Integrations

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Reviewed By :Jagrut Upadhyay 01/15/2024
Supervised By :mohammad ahmed 01/16/2024



#92

Benzo(g,h,i)perylene

Concen: 48.318 ng

RT: 17.456 min Scan# 2613

Delta R.T. 0.047 min

Lab File: BF137046.D

Acq: 12 Jan 2024 13:57

Tgt Ion:276 Resp: 387359

Ion Ratio Lower Upper

276 100

277 23.4 18.3 27.5

138 19.8 15.6 23.4

