

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF050224\
 Data File : BF137810.D
 Acq On : 02 May 2024 12:09
 Operator : CG\JU
 Sample : PB160643BS
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB160643BS

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 05/03/2024
 Supervised By :mohammad ahmed 05/03/2024

Quant Time: May 02 13:04:52 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF043024.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed May 01 03:25:08 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.057	152	169577	20.000	ng	0.00
21) Naphthalene-d8	8.339	136	679048	20.000	ng	0.00
39) Acenaphthene-d10	10.104	164	384017	20.000	ng	0.00
64) Phenanthrene-d10	11.598	188	667814	20.000	ng	0.00
76) Chrysene-d12	14.251	240	406708	20.000	ng	0.00
86) Perylene-d12	15.821	264	346153	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.698	112	1804335	178.148	ng	0.02
7) Phenol-d6	6.675	99	2221603	172.931	ng	0.00
23) Nitrobenzene-d5	7.622	82	1010440	86.451	ng	0.00
42) 2,4,6-Tribromophenol	10.904	330	542975	138.482	ng	0.00
45) 2-Fluorobiphenyl	9.416	172	2058828	86.980	ng	0.00
79) Terphenyl-d14	13.186	244	2350580	96.857	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	3.099	88	165085	36.196	ng	98
3) Pyridine	3.828	79	400897	36.319	ng	95
4) n-Nitrosodimethylamine	3.793	42	212173	42.685	ng	99
6) Aniline	6.722	93	563387	44.246	ng	99
8) 2-Chlorophenol	6.840	128	728650	66.014	ng	98
9) Benzaldehyde	6.610	77	60066	8.682	ng	96
10) Phenol	6.693	94	817926	62.135	ng	97
11) bis(2-Chloroethyl)ether	6.787	93	644316	62.511	ng	96
12) 1,3-Dichlorobenzene	6.998	146	541520	43.506	ng	99
13) 1,4-Dichlorobenzene	7.075	146	555780	44.500	ng	100
14) 1,2-Dichlorobenzene	7.228	146	536015	45.567	ng	98
15) Benzyl Alcohol	7.193	79	427846	48.158	ng	98
16) 2,2'-oxybis(1-Chloropr...	7.322	45	586007	40.448	ng	96
17) 2-Methylphenol	7.298	107	422899	47.483	ng	99
18) Hexachloroethane	7.569	117	190064	45.016	ng	96
19) n-Nitroso-di-n-propyla...	7.463	70	335149	43.654	ng	99
20) 3+4-Methylphenols	7.451	107	533450	45.525	ng	# 86
22) Acetophenone	7.463	105	696200	45.587	ng	99
24) Nitrobenzene	7.640	77	523177	43.431	ng	98
25) Isophorone	7.875	82	932522	44.251	ng	99
26) 2-Nitrophenol	7.951	139	285647	52.364	ng	90
27) 2,4-Dimethylphenol	7.981	122	387888	49.391	ng	95
28) bis(2-Chloroethoxy)met...	8.081	93	557671	43.707	ng	99
29) 2,4-Dichlorophenol	8.192	162	449384	47.342	ng	100
30) 1,2,4-Trichlorobenzene	8.281	180	463438	44.785	ng	99
31) Naphthalene	8.363	128	1506986	44.657	ng	100
32) Benzoic acid	8.098	122	348350	51.416	ng	97
33) 4-Chloroaniline	8.404	127	224631	17.951	ng	99
34) Hexachlorobutadiene	8.475	225	280304	44.120	ng	98
35) Caprolactam	8.781	113	150089m	49.903	ng	
36) 4-Chloro-3-methylphenol	8.887	107	475115	47.997	ng	99
37) 2-Methylnaphthalene	9.057	142	982644	44.985	ng	99
38) 1-Methylnaphthalene	9.157	142	914217	42.541	ng	98
40) 1,2,4,5-Tetrachloroben...	9.222	216	459499	45.178	ng	99
41) Hexachlorocyclopentadiene	9.204	237	533039	129.028	ng	99
43) 2,4,6-Trichlorophenol	9.328	196	329927	47.654	ng	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.375	196	354754	46.405	ng	99
46) 1,1'-Biphenyl	9.522	154	1203475	45.665	ng	99
47) 2-Chloronaphthalene	9.551	162	943984	44.366	ng	100
48) 2-Nitroaniline	9.639	65	280427	48.596	ng	99
49) Acenaphthylene	9.969	152	1520094	49.387	ng	100
50) Dimethylphthalate	9.822	163	1132288	46.707	ng	99
51) 2,6-Dinitrotoluene	9.881	165	260232	46.972	ng	100
52) Acenaphthene	10.139	154	1022998	50.143	ng	99
53) 3-Nitroaniline	10.057	138	170010	29.303	ng	100
54) 2,4-Dinitrophenol	10.163	184	301936	110.915	ng	96
55) Dibenzofuran	10.316	168	1355266	45.648	ng	99
56) 4-Nitrophenol	10.210	139	434471	90.354	ng	93
57) 2,4-Dinitrotoluene	10.292	165	354818	49.022	ng	91
58) Fluorene	10.657	166	1065805	45.107	ng	99
59) 2,3,4,6-Tetrachlorophenol	10.428	232	293871	47.349	ng	97
60) Diethylphthalate	10.522	149	1068062	46.388	ng	99
61) 4-Chlorophenyl-phenyle...	10.645	204	520587	44.715	ng	98
62) 4-Nitroaniline	10.675	138	261146	44.377	ng	94
63) Azobenzene	10.804	77	989074	44.447	ng	99
65) 4,6-Dinitro-2-methylph...	10.698	198	201783	52.643	ng	92
66) n-Nitrosodiphenylamine	10.763	169	936403	46.843	ng	99
67) 4-Bromophenyl-phenylether	11.139	248	326407	45.670	ng	96
68) Hexachlorobenzene	11.204	284	353446	45.254	ng	99
69) Atrazine	11.286	200	307001	50.367	ng	98
70) Pentachlorophenol	11.398	266	470231	87.694	ng	99
71) Phenanthrene	11.628	178	1529897	47.001	ng	100
72) Anthracene	11.680	178	1551782	47.913	ng	100
73) Carbazole	11.828	167	1425067	45.656	ng	99
74) Di-n-butylphthalate	12.145	149	1599829	46.986	ng	100
75) Fluoranthene	12.822	202	1582870	44.486	ng	98
77) Benzidine	12.933	184	264486	28.118	ng	98
78) Pyrene	13.051	202	1581552	49.045	ng	100
80) Butylbenzylphthalate	13.657	149	592463	57.906	ng	98
81) Benzo(a)anthracene	14.239	228	1276838	49.085	ng	98
82) 3,3'-Dichlorobenzidine	14.198	252	256389	32.924	ng	99
83) Chrysene	14.280	228	1169847	48.030	ng	98
84) Bis(2-ethylhexyl)phtha...	14.210	149	783585	60.769	ng	99
85) Di-n-octyl phthalate	14.839	149	1130465	65.143	ng	98
87) Indeno(1,2,3-cd)pyrene	17.468	276	1030229	52.349	ng	99
88) Benzo(b)fluoranthene	15.351	252	981164	45.558	ng	99
89) Benzo(k)fluoranthene	15.386	252	994152	47.759	ng	99
90) Benzo(a)pyrene	15.757	252	889884	50.647	ng	99
91) Dibenzo(a,h)anthracene	17.486	278	828466	51.718	ng	99
92) Benzo(g,h,i)perylene	17.968	276	784302	46.705	ng	98

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

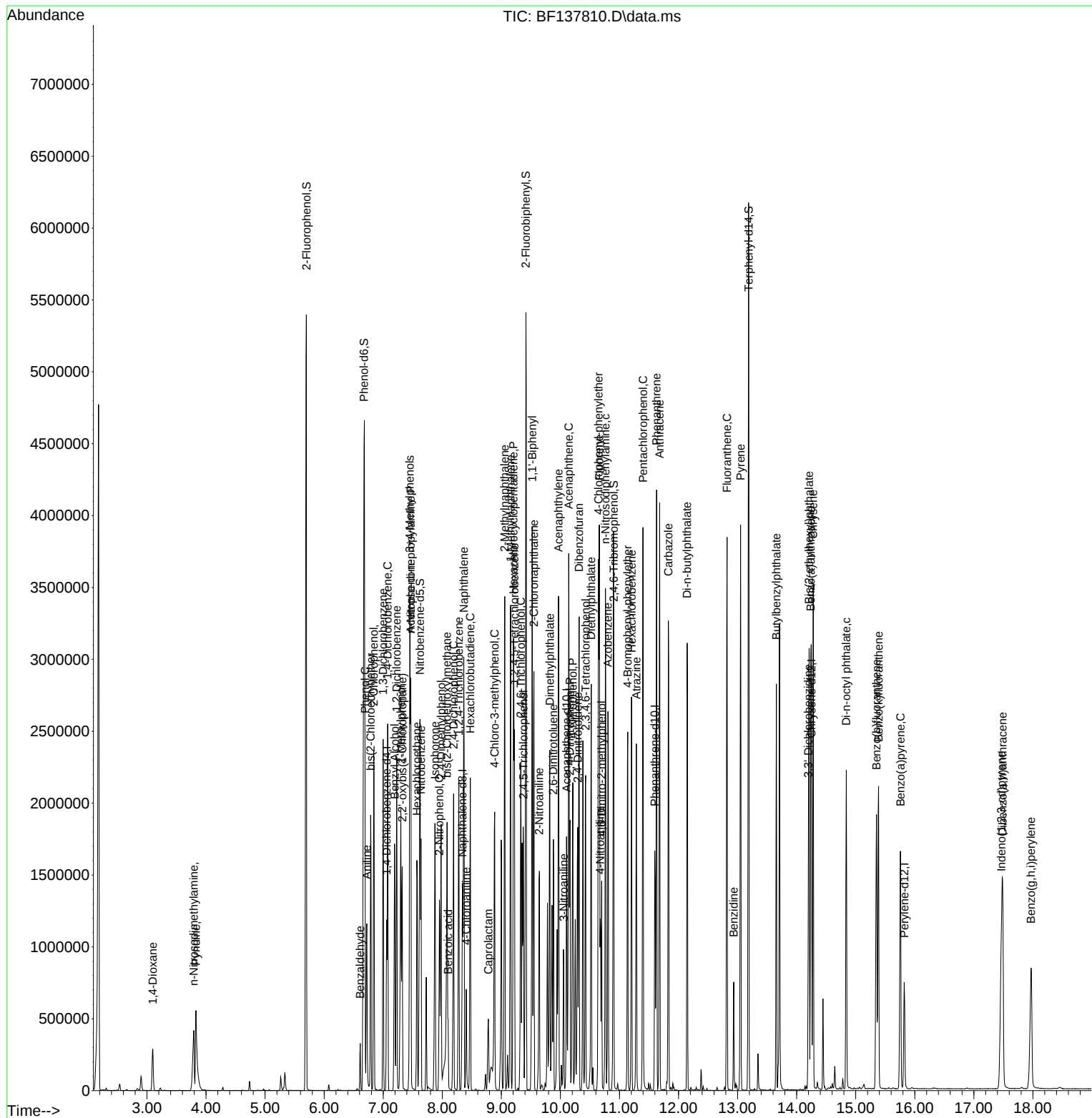
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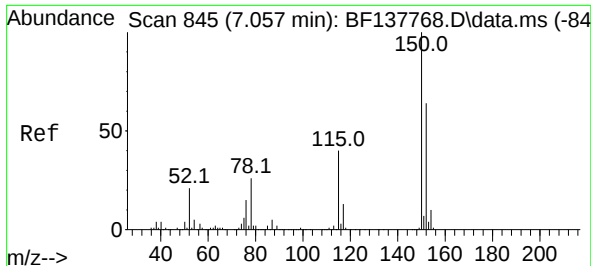
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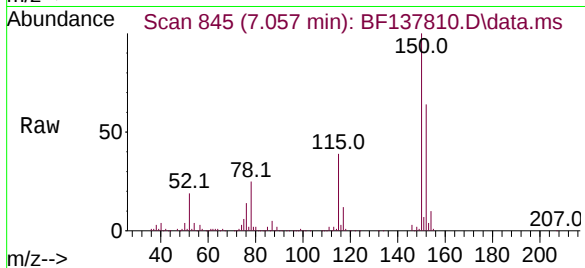
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.057 min Scan# 84
Delta R.T. 0.000 min
Lab File: BF137810.D
Acq: 02 May 2024 12:09

Instrument :

BNA_F

ClientSampleId :

PB160643BS



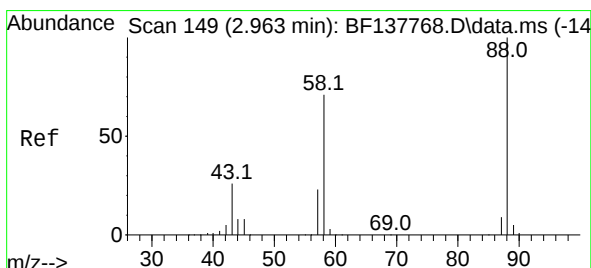
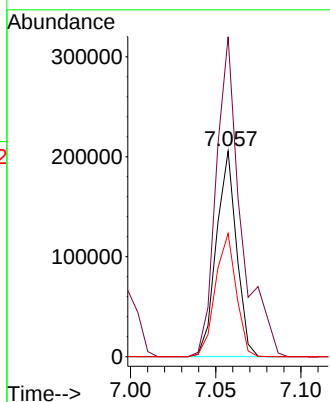
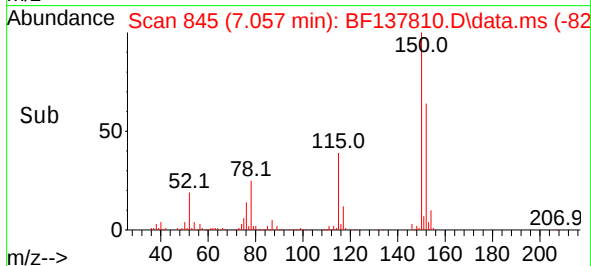
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Ion Ratio Lower Upper
152 100
150 155.6 124.1 186.1
115 59.9 49.1 73.7

Manual Integrations

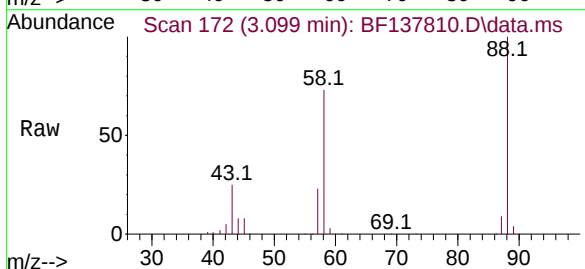
APPROVED

Reviewed By :Yogesh Patel 05/03/2024

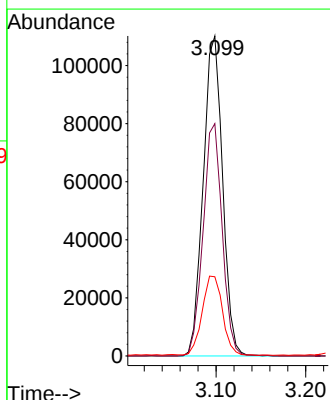
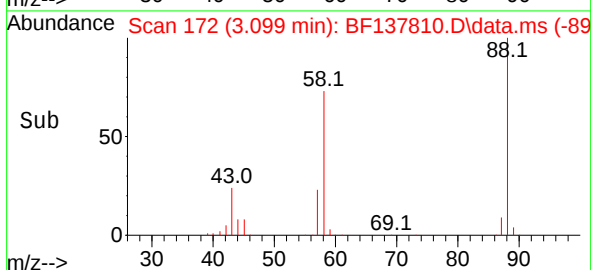
Supervised By :mohammad ahmed 05/03/2024

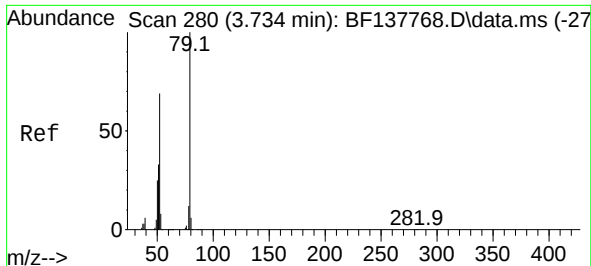


#2
1,4-Dioxane
Concen: 36.196 ng
RT: 3.099 min Scan# 172
Delta R.T. 0.135 min
Lab File: BF137810.D
Acq: 02 May 2024 12:09



Tgt Ion: 88 Resp: 165085
Ion Ratio Lower Upper
88 100
58 71.6 58.8 88.2
43 26.3 21.4 32.0





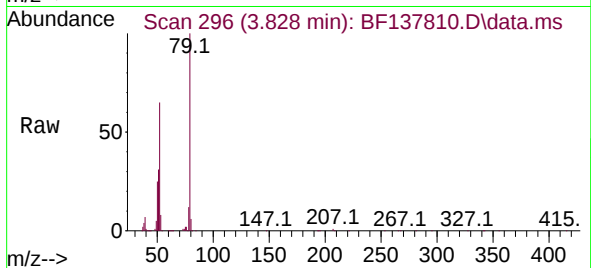
#3
Pyridine
Concen: 36.319 ng
RT: 3.828 min Scan# 20
Delta R.T. 0.094 min
Lab File: BF137810.D
Acq: 02 May 2024 12:09

Instrument :

BNA_F

ClientSampleId :

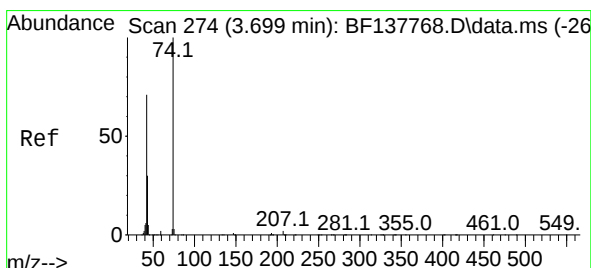
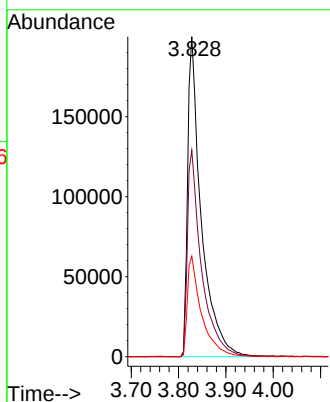
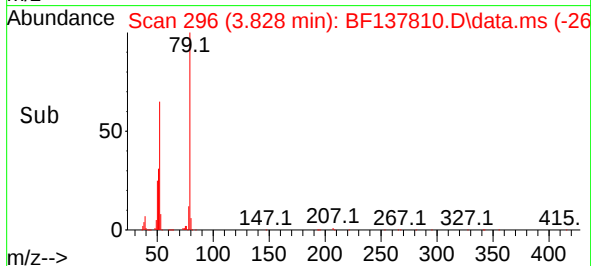
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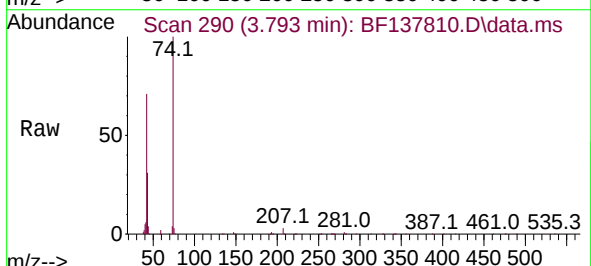
Tgt Ion: 79 Resp: 40089
Ion Ratio Lower Upper
79 100
52 64.5 55.5 83.3
51 31.4 26.9 40.3

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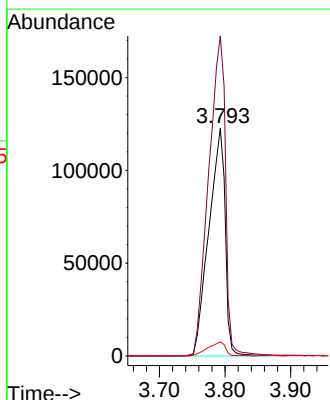
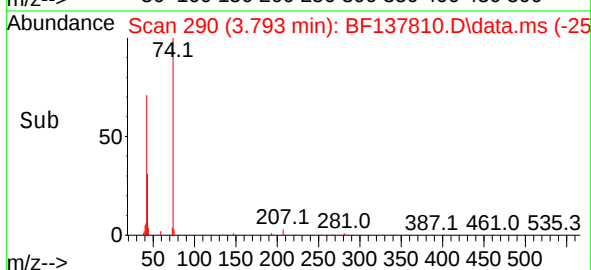
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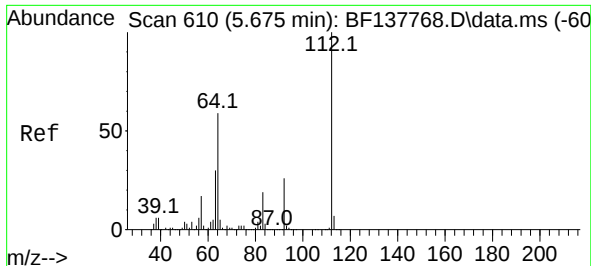


#4
n-Nitrosodimethylamine
Concen: 42.685 ng
RT: 3.793 min Scan# 290
Delta R.T. 0.094 min
Lab File: BF137810.D
Acq: 02 May 2024 12:09



Tgt Ion: 42 Resp: 212173
Ion Ratio Lower Upper
42 100
74 140.6 112.9 169.3
44 6.2 5.6 8.4





#5
2-Fluorophenol
Concen: 178.148 ng
RT: 5.698 min Scan# 610
Delta R.T. 0.024 min
Lab File: BF137810.D
Acq: 02 May 2024 12:09

Instrument :

BNA_F

ClientSampleId :

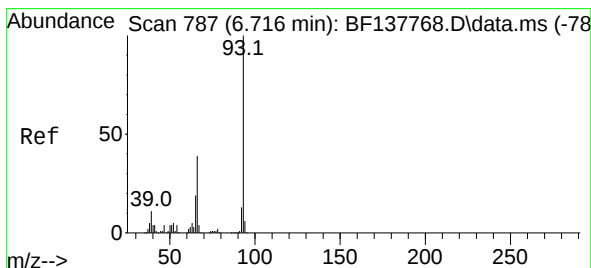
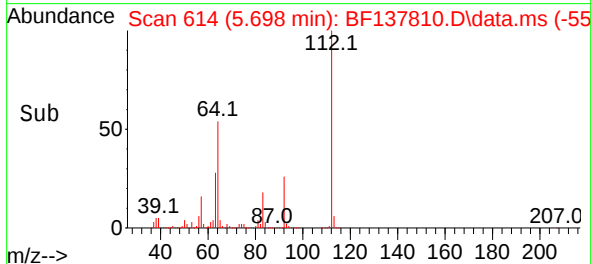
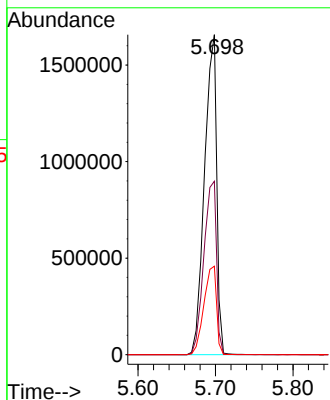
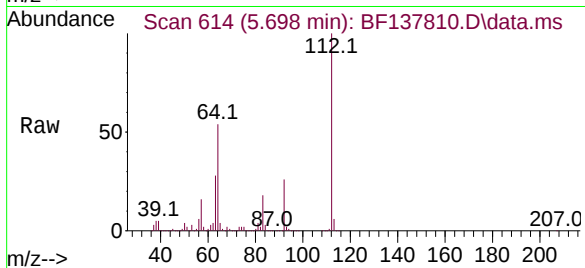
PB160643BS

Tgt Ion:112 Resp: 180433
Ion Ratio Lower Upper
112 100
64 54.2 47.3 70.9
63 27.7 23.7 35.5

Manual Integrations

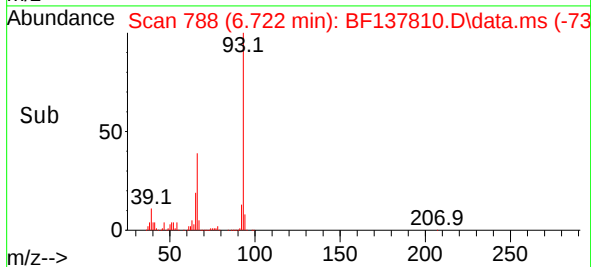
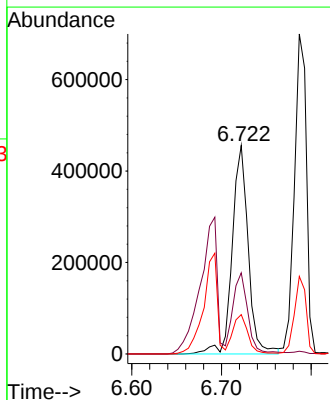
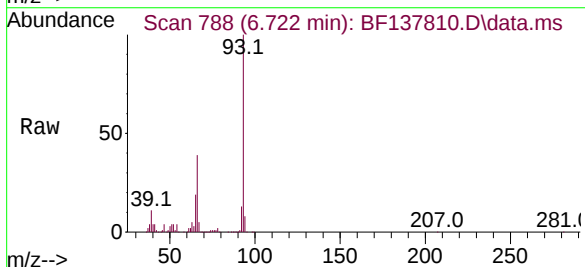
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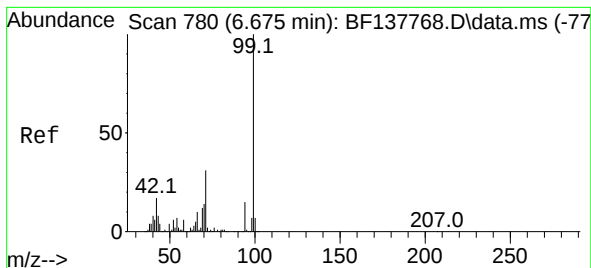
Reviewed By :Yogesh Patel 05/03/2024
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#6
Aniline
Concen: 44.246 ng
RT: 6.722 min Scan# 788
Delta R.T. 0.006 min
Lab File: BF137810.D
Acq: 02 May 2024 12:09

Tgt Ion: 93 Resp: 563387
Ion Ratio Lower Upper
93 100
66 38.9 31.8 47.6
65 18.9 15.4 23.2





#7

Phenol-d6

Concen: 172.931 ng

RT: 6.675 min Scan# 71

Delta R.T. 0.000 min

Lab File: BF137810.D

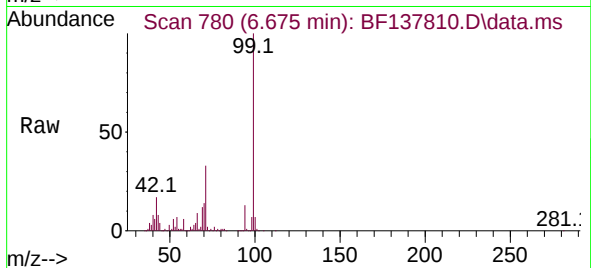
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Tgt Ion: 99 Resp: 222160

Ion Ratio Lower Upper

99 100

42 17.0 13.2 19.8

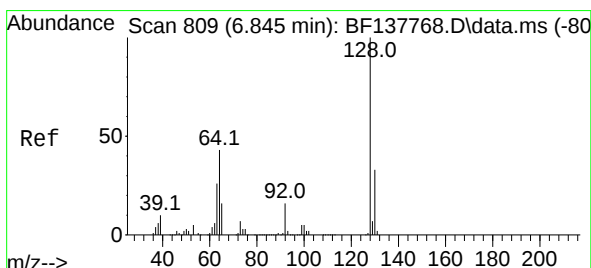
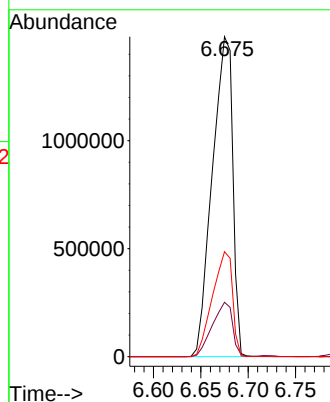
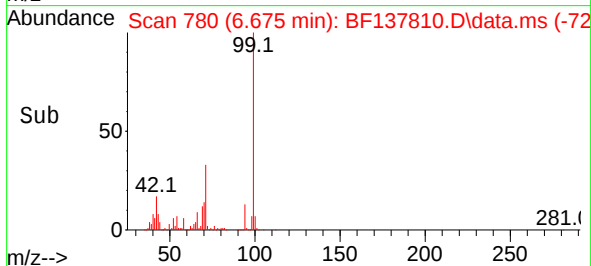
71 32.8 25.0 37.4

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#8

2-Chlorophenol

Concen: 66.014 ng

RT: 6.840 min Scan# 808

Delta R.T. -0.006 min

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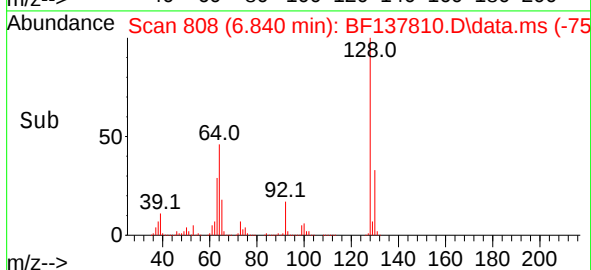
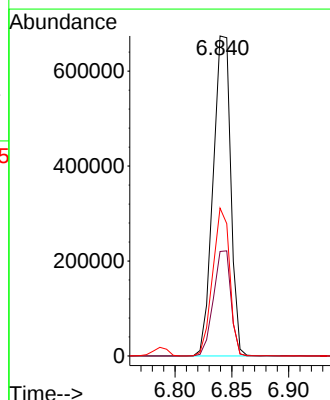
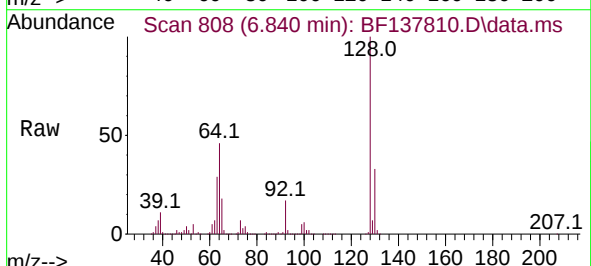
Tgt Ion:128 Resp: 728650

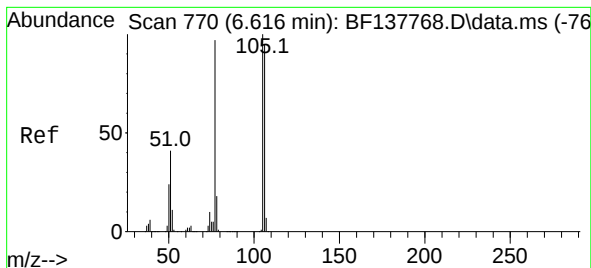
Ion Ratio Lower Upper

128 100

130 32.7 12.5 52.5

64 46.2 23.9 63.9





#9

Benzaldehyde

Concen: 8.682 ng

RT: 6.610 min Scan# 770

Delta R.T. -0.006 min

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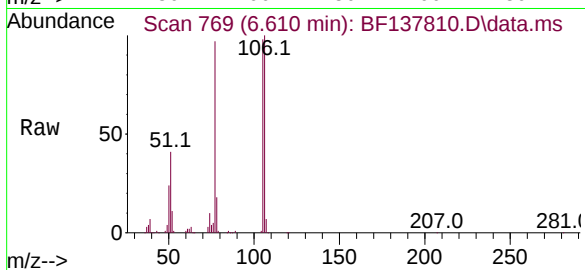
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Tgt Ion: 77 Resp: 60060

Ion Ratio Lower Upper

77 100

105 101.8 83.2 123.2

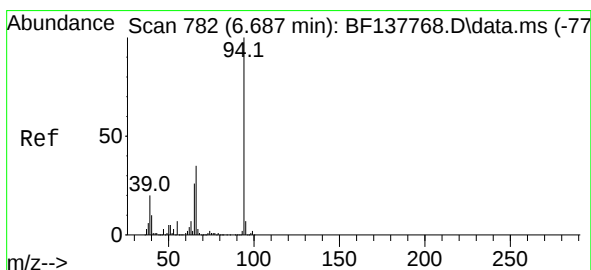
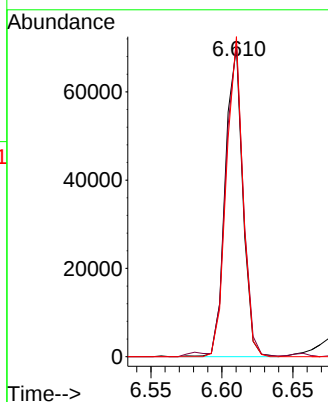
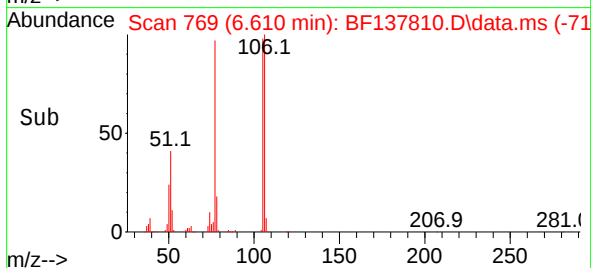
106 103.4 77.7 117.7

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#10

Phenol

Concen: 62.135 ng

RT: 6.693 min Scan# 783

Delta R.T. 0.006 min

Lab File: BF137810.D

Acq: 02 May 2024 12:09

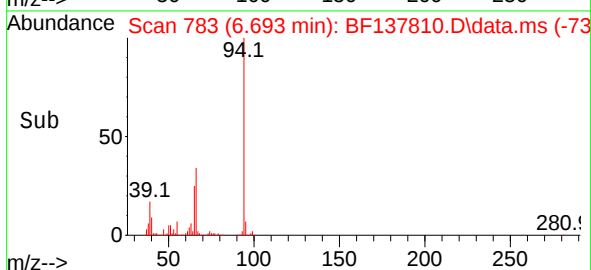
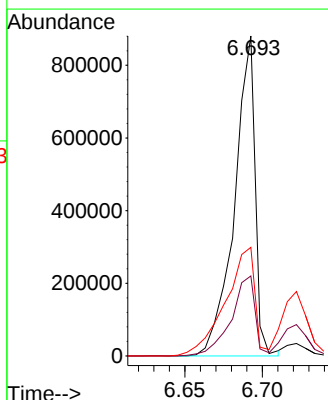
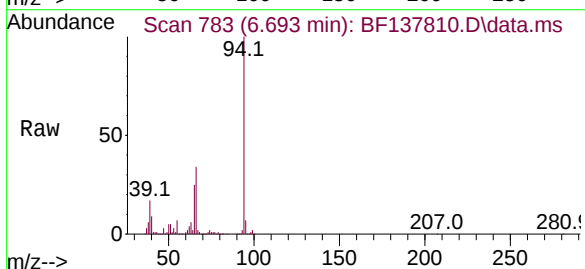
Tgt Ion: 94 Resp: 817926

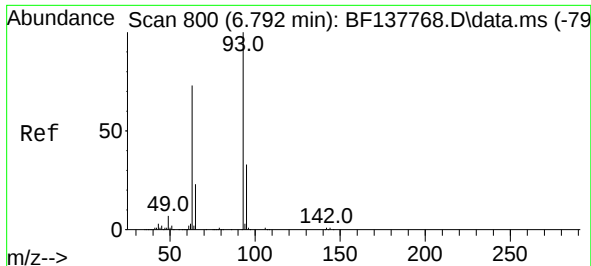
Ion Ratio Lower Upper

94 100

65 25.0 6.4 46.4

66 34.0 15.4 55.4





#11

bis(2-Chloroethyl)ether

Concen: 62.511 ng

RT: 6.787 min Scan# 799

Delta R.T. -0.006 min

Lab File: BF137810.D

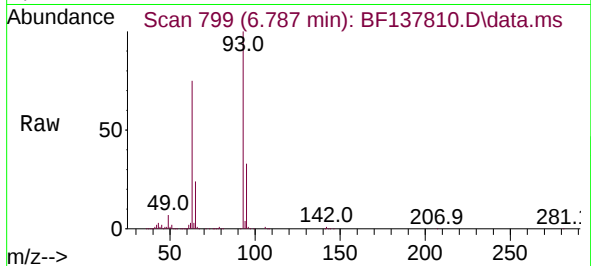
Acq: 02 May 2024 12:09

Instrument :

BNA_F

ClientSampleId :

PB160643BS



Tgt Ion: 93 Resp: 644310

Ion Ratio Lower Upper

93 100

63 75.5 51.6 91.6

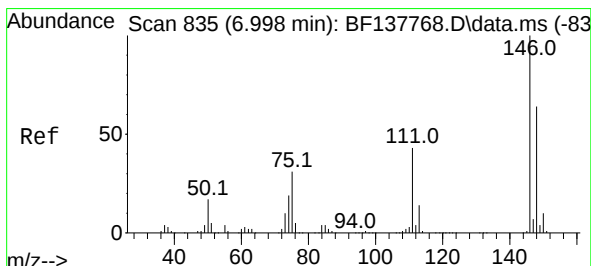
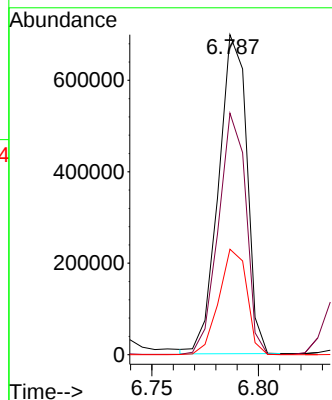
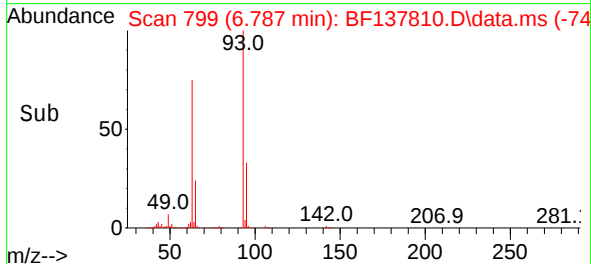
95 33.0 12.1 52.1

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 05/03/2024

Supervised By :mohammad ahmed 05/03/2024



#12

1,3-Dichlorobenzene

Concen: 43.506 ng

RT: 6.998 min Scan# 835

Delta R.T. 0.000 min

Lab File: BF137810.D

Acq: 02 May 2024 12:09

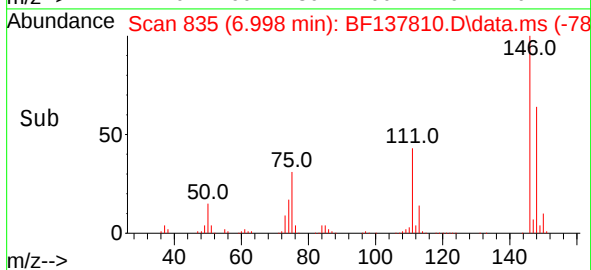
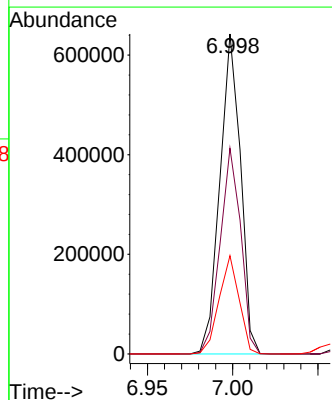
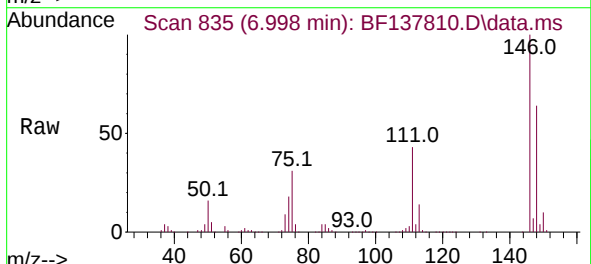
Tgt Ion:146 Resp: 541520

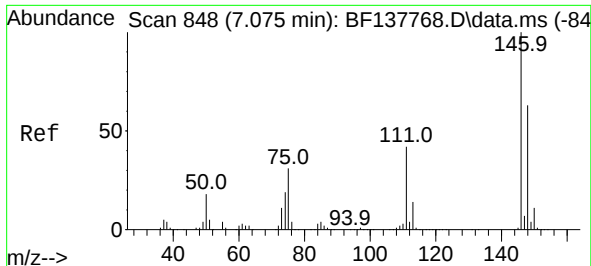
Ion Ratio Lower Upper

146 100

148 64.3 51.2 76.8

75 30.7 25.1 37.7





#13

1,4-Dichlorobenzene

Concen: 44.500 ng

RT: 7.075 min Scan# 84

Delta R.T. 0.000 min

Lab File: BF137810.D

Acq: 02 May 2024 12:09

Instrument :

BNA_F

ClientSampleId :

PB160643BS

Tgt Ion:146 Resp: 555780

Ion Ratio Lower Upper

146 100

148 63.6 50.7 76.1

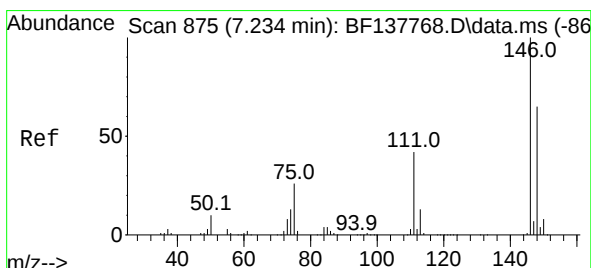
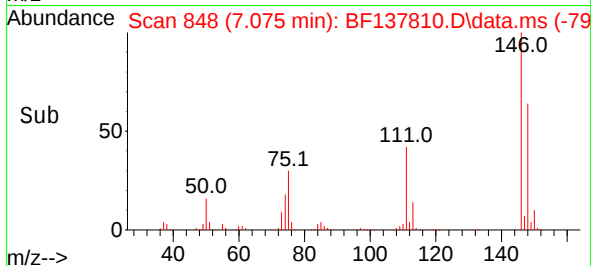
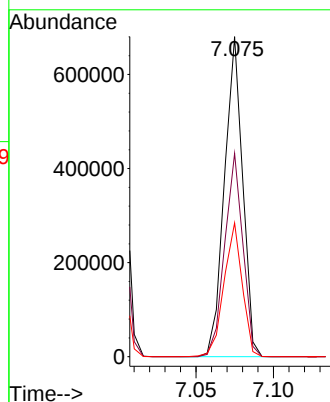
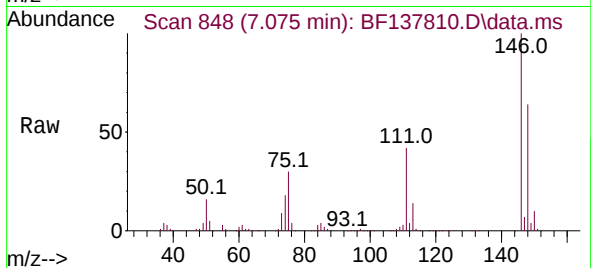
111 41.8 33.8 50.8

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 05/03/2024

Supervised By :mohammad ahmed 05/03/2024



#14

1,2-Dichlorobenzene

Concen: 45.567 ng

RT: 7.228 min Scan# 874

Delta R.T. -0.006 min

Lab File: BF137810.D

Acq: 02 May 2024 12:09

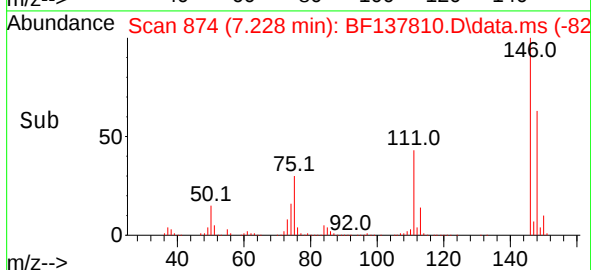
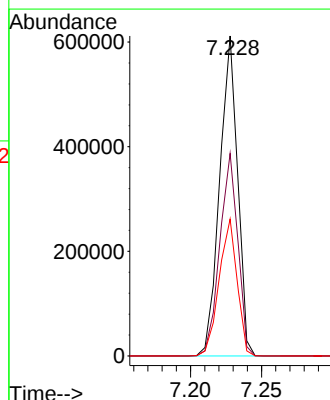
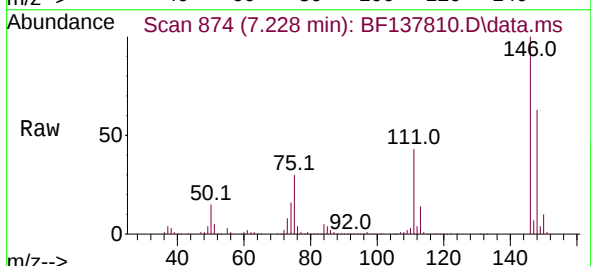
Tgt Ion:146 Resp: 536015

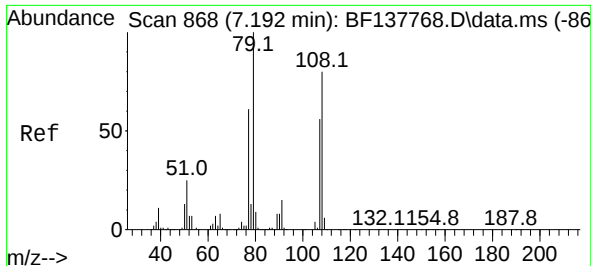
Ion Ratio Lower Upper

146 100

148 63.3 51.8 77.8

111 42.8 33.6 50.4





#15

Benzyl Alcohol

Concen: 48.158 ng

RT: 7.193 min Scan# 80

Delta R.T. 0.000 min

Lab File: BF137810.D

Acq: 02 May 2024 12:09

Instrument :

BNA_F

ClientSampleId :

PB160643BS

Tgt Ion: 79 Resp: 42784

Ion Ratio Lower Upper

79 100

108 78.2 64.2 96.2

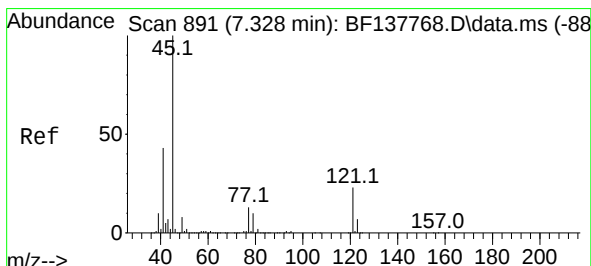
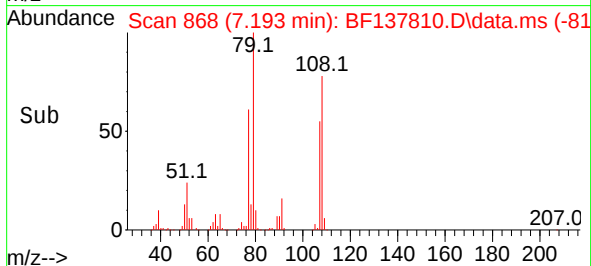
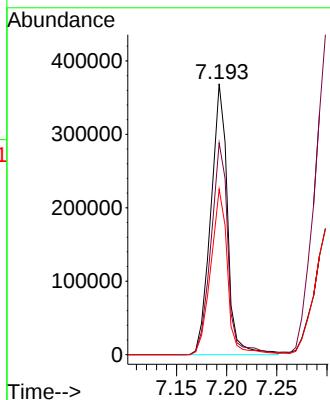
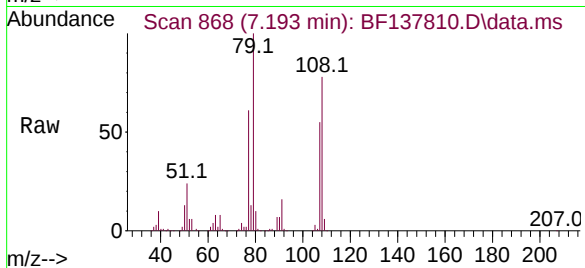
77 61.2 48.5 72.7

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 05/03/2024

Supervised By :mohammad ahmed 05/03/2024



#16

2,2'-oxybis(1-Chloropropane)

Concen: 40.448 ng

RT: 7.322 min Scan# 890

Delta R.T. -0.006 min

Lab File: BF137810.D

Acq: 02 May 2024 12:09

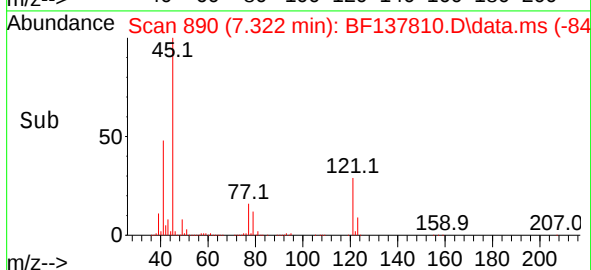
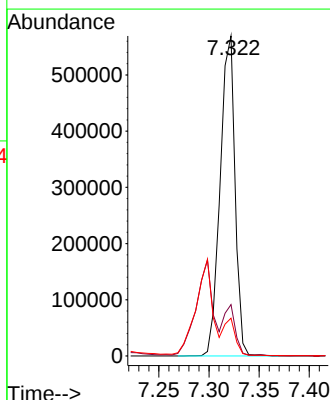
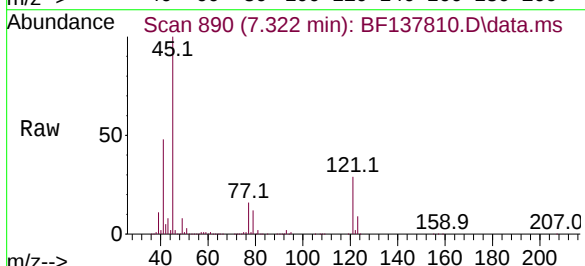
Tgt Ion: 45 Resp: 586007

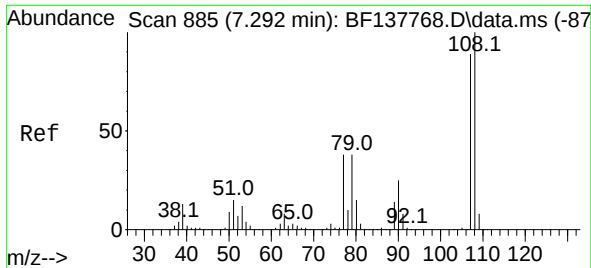
Ion Ratio Lower Upper

45 100

77 16.0 0.0 33.8

79 11.8 0.0 31.0





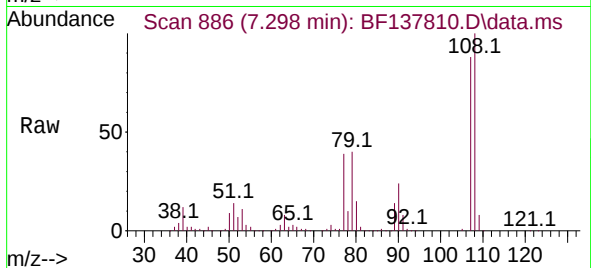
#17
2-Methylphenol
Concen: 47.483 ng
RT: 7.298 min Scan# 885
Delta R.T. 0.006 min
Lab File: BF137810.D
Acq: 02 May 2024 12:09

Instrument :

BNA_F

ClientSampleId :

PB160643BS

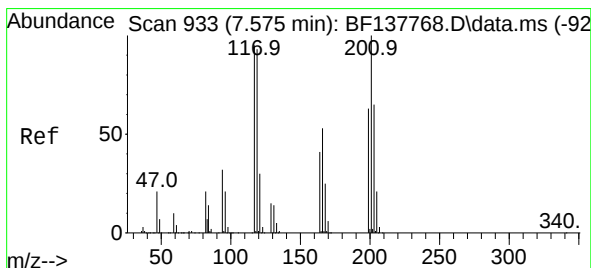
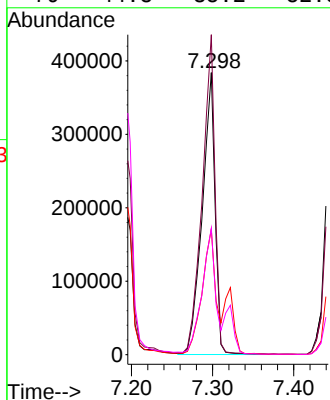
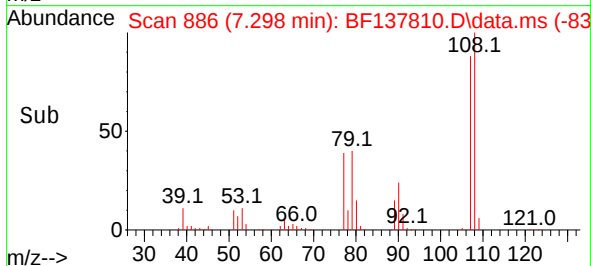


Tgt Ion:107 Resp: 422899
Ion Ratio Lower Upper
107 100
108 113.4 90.5 135.7
77 44.4 34.5 51.7
79 44.8 35.2 52.8

Manual Integrations

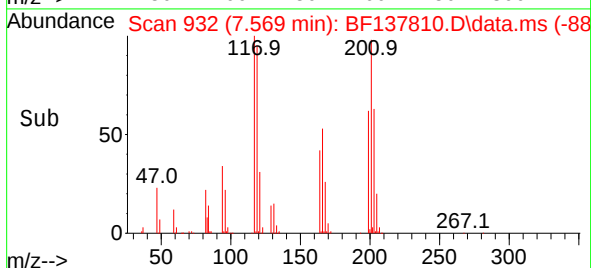
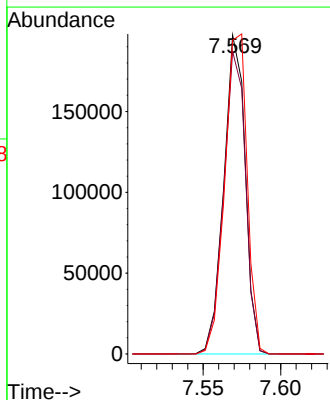
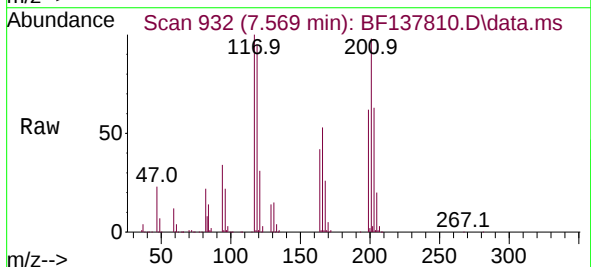
APPROVED

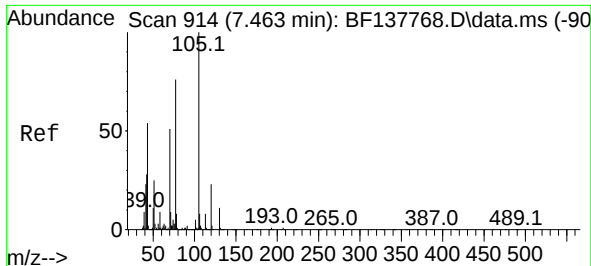
Reviewed By :Yogesh Patel 05/03/2024
Supervised By :mohammad ahmed 05/03/2024



#18
Hexachloroethane
Concen: 45.016 ng
RT: 7.569 min Scan# 932
Delta R.T. -0.006 min
Lab File: BF137810.D
Acq: 02 May 2024 12:09

Tgt Ion:117 Resp: 190064
Ion Ratio Lower Upper
117 100
119 94.9 77.6 116.4
201 98.4 83.8 125.8





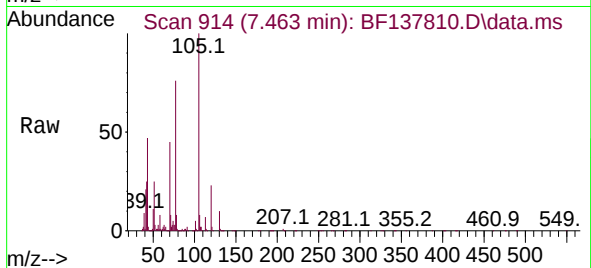
#19
n-Nitroso-di-n-propylamine
Concen: 43.654 ng
RT: 7.463 min Scan# 914
Delta R.T. 0.000 min
Lab File: BF137810.D
Acq: 02 May 2024 12:09

Instrument :

BNA_F

ClientSampleId :

PB160643BS



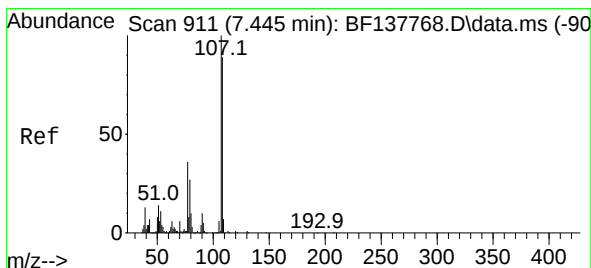
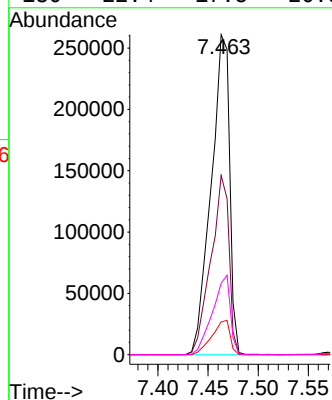
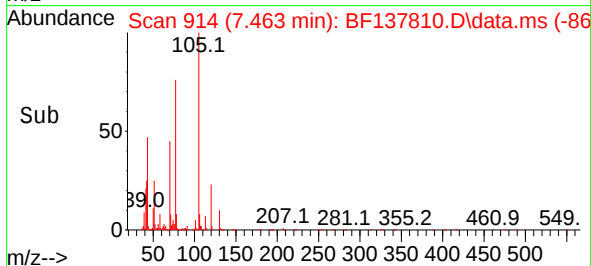
Tgt Ion: 70 Resp: 335149
Ion Ratio Lower Upper
70 100
42 56.0 44.6 66.8
101 10.3 7.8 11.6
130 22.4 17.5 26.3

Manual Integrations

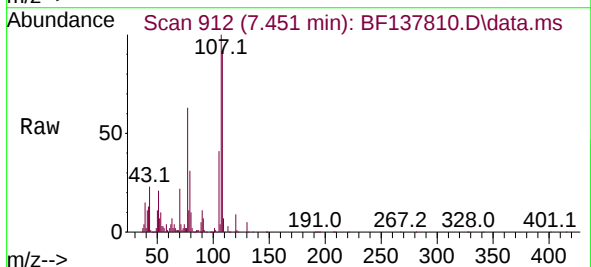
APPROVED

Reviewed By :Yogesh Patel 05/03/2024

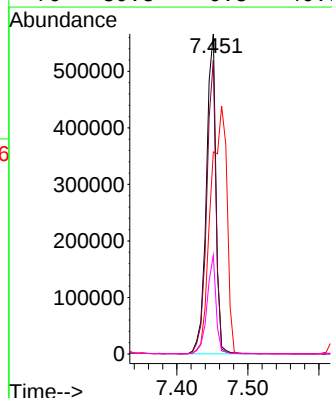
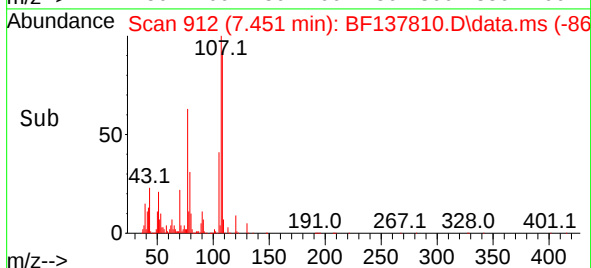
Supervised By :mohammad ahmed 05/03/2024

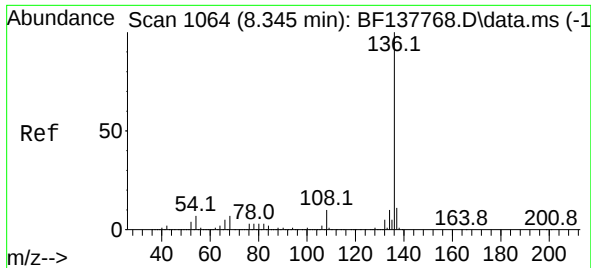


#20
3+4-Methylphenols
Concen: 45.525 ng
RT: 7.451 min Scan# 912
Delta R.T. 0.006 min
Lab File: BF137810.D
Acq: 02 May 2024 12:09



Tgt Ion:107 Resp: 533450
Ion Ratio Lower Upper
107 100
108 91.8 69.3 109.3
77 63.1 15.7 55.7#
79 30.8 6.8 46.8





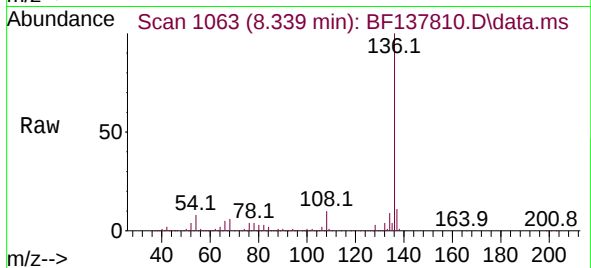
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.339 min Scan# 1064
Delta R.T. -0.006 min
Lab File: BF137810.D
Acq: 02 May 2024 12:09

Instrument :

BNA_F

ClientSampleId :

PB160643BS



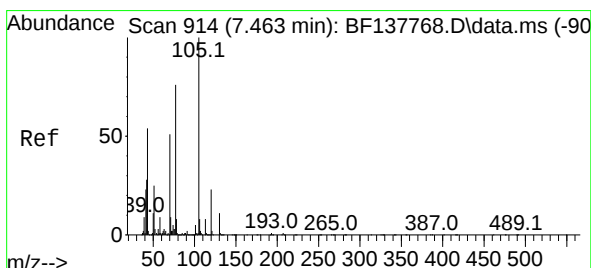
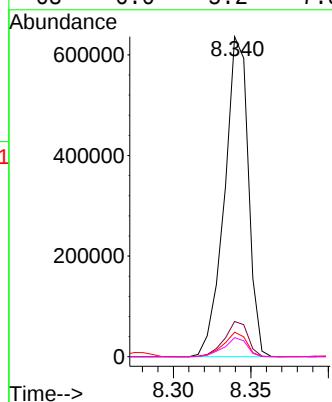
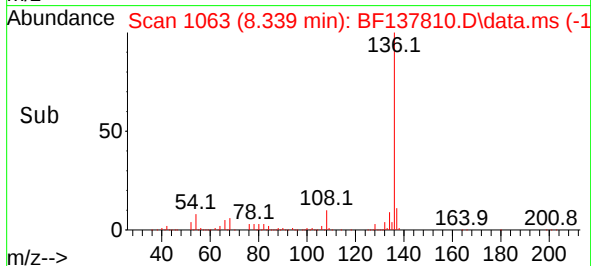
Tgt Ion:136 Resp: 679048
Ion Ratio Lower Upper
136 100
137 11.0 8.8 13.2
54 7.6 5.8 8.8
68 6.0 5.2 7.8

Manual Integrations

APPROVED

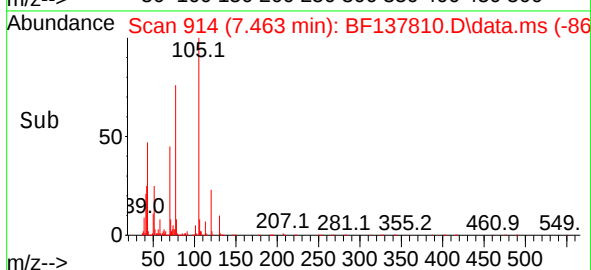
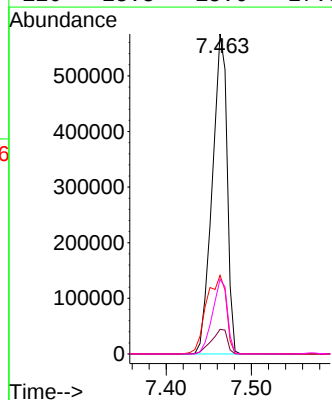
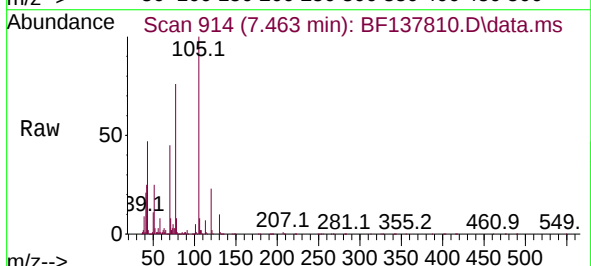
Reviewed By :Yogesh Patel 05/03/2024

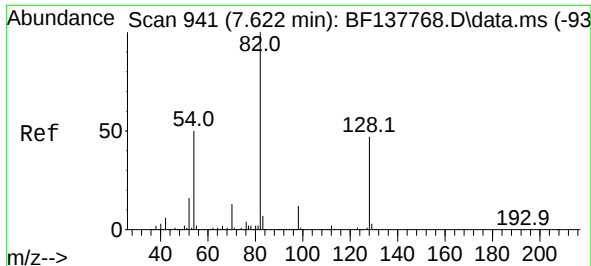
Supervised By :mohammad ahmed 05/03/2024



#22
Acetophenone
Concen: 45.587 ng
RT: 7.463 min Scan# 914
Delta R.T. 0.000 min
Lab File: BF137810.D
Acq: 02 May 2024 12:09

Tgt Ion:105 Resp: 696200
Ion Ratio Lower Upper
105 100
71 7.7 6.9 10.3
51 24.6 20.2 30.2
120 23.3 18.6 27.8





#23

Nitrobenzene-d5

Concen: 86.451 ng

RT: 7.622 min Scan# 941

Delta R.T. 0.000 min

Lab File: BF137810.D

Acq: 02 May 2024 12:09

Instrument :

BNA_F

ClientSampleId :

PB160643BS

Tgt Ion: 82 Resp: 1010440

Ion Ratio Lower Upper

82 100

128 48.1 37.5 56.3

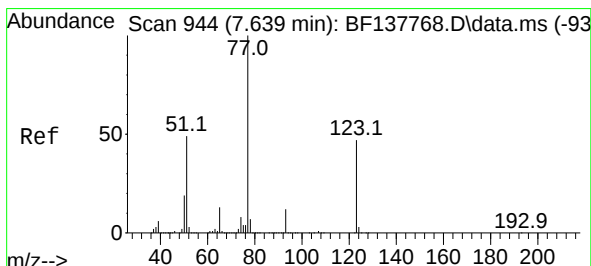
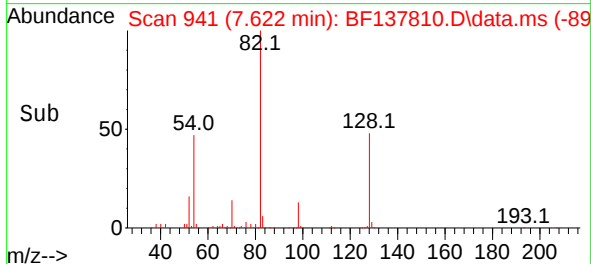
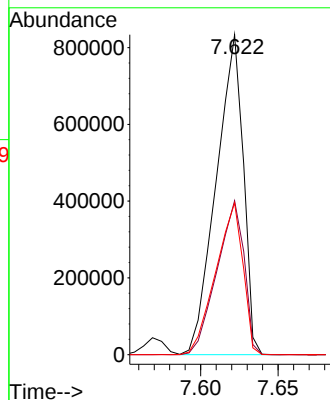
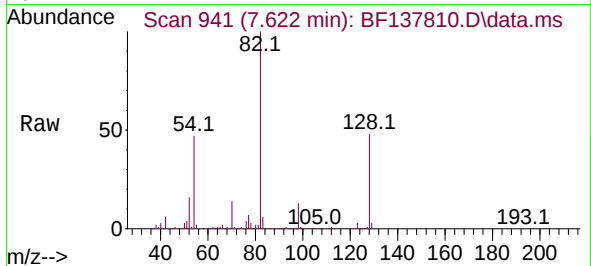
54 47.5 39.8 59.6

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 05/03/2024

Supervised By :mohammad ahmed 05/03/2024



#24

Nitrobenzene

Concen: 43.431 ng

RT: 7.640 min Scan# 944

Delta R.T. 0.000 min

Lab File: BF137810.D

Acq: 02 May 2024 12:09

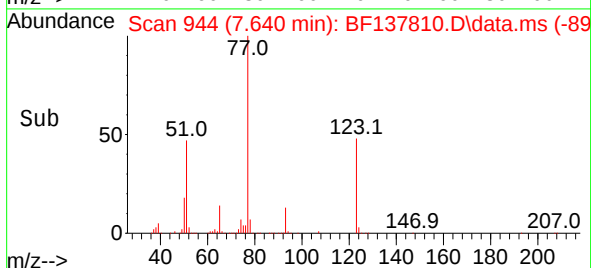
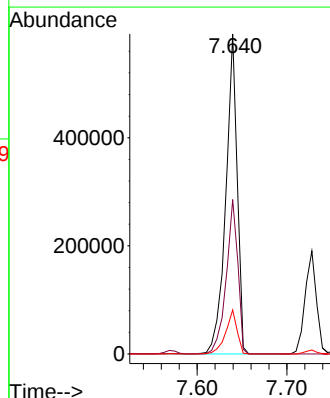
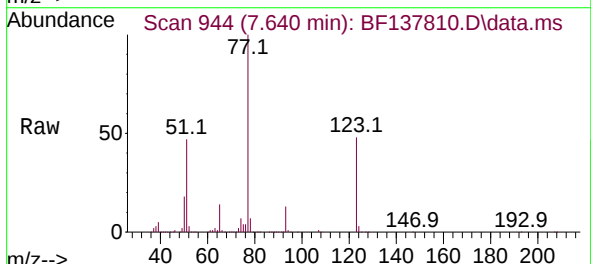
Tgt Ion: 77 Resp: 523177

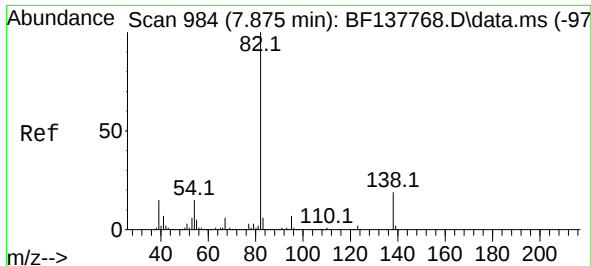
Ion Ratio Lower Upper

77 100

123 48.3 37.4 56.2

65 13.8 10.7 16.1





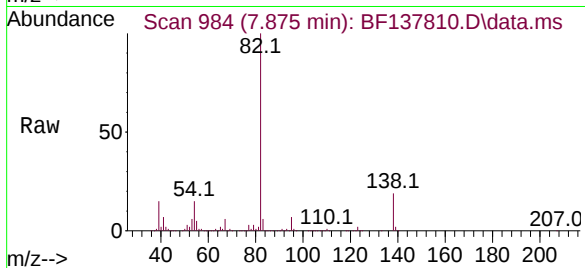
#25
Isophorone
Concen: 44.251 ng
RT: 7.875 min Scan# 991
Delta R.T. 0.000 min
Lab File: BF137810.D
Acq: 02 May 2024 12:09

Instrument :

BNA_F

ClientSampleId :

PB160643BS

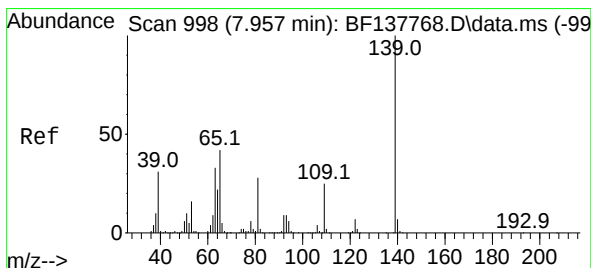
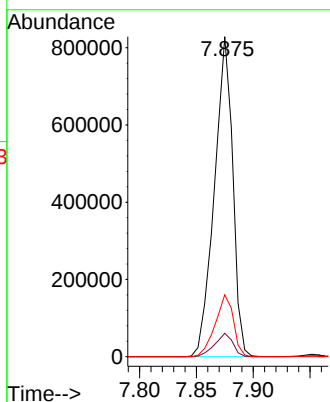
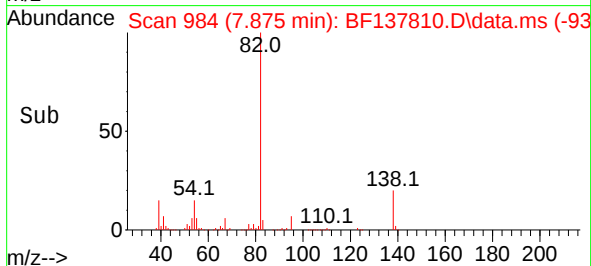


Tgt Ion: 82 Resp: 93252
Ion Ratio Lower Upper
82 100
95 7.3 5.7 8.5
138 19.4 15.0 22.6

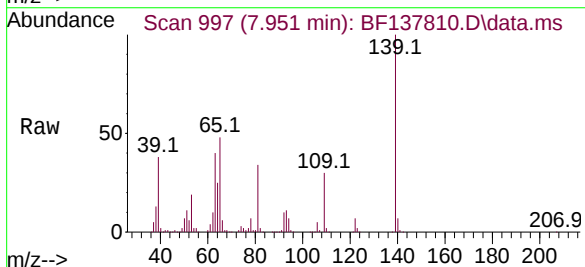
Manual Integrations

APPROVED

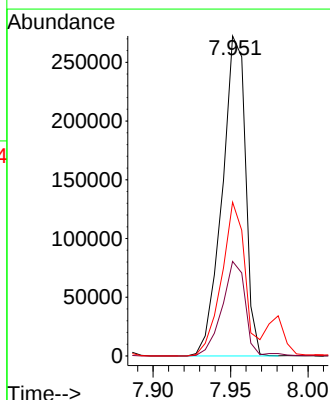
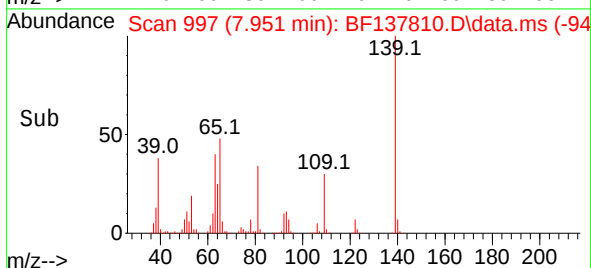
Reviewed By :Yogesh Patel 05/03/2024
Supervised By :mohammad ahmed 05/03/2024

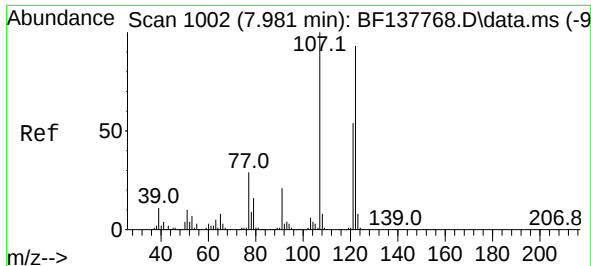


#26
2-Nitrophenol
Concen: 52.364 ng
RT: 7.951 min Scan# 997
Delta R.T. -0.006 min
Lab File: BF137810.D
Acq: 02 May 2024 12:09



Tgt Ion:139 Resp: 285647
Ion Ratio Lower Upper
139 100
109 29.6 20.2 30.2
65 48.1 33.4 50.0





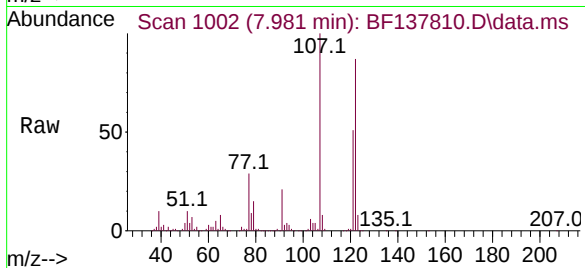
#27
2,4-Dimethylphenol
Concen: 49.391 ng
RT: 7.981 min Scan# 1002
Delta R.T. 0.000 min
Lab File: BF137810.D
Acq: 02 May 2024 12:09

Instrument :

BNA_F

ClientSampleId :

PB160643BS



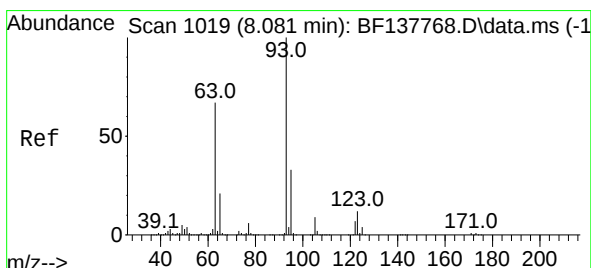
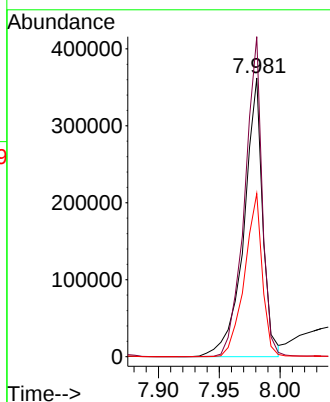
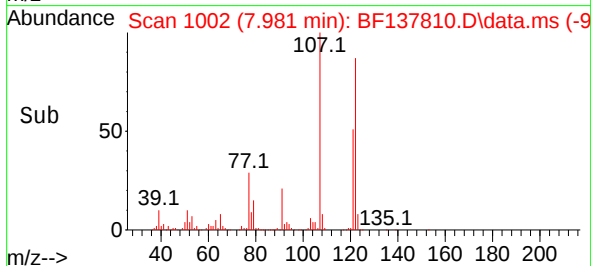
Tgt Ion:122 Resp: 38788
Ion Ratio Lower Upper
122 100
107 114.8 85.8 128.8
121 58.5 46.6 69.8

Manual Integrations

APPROVED

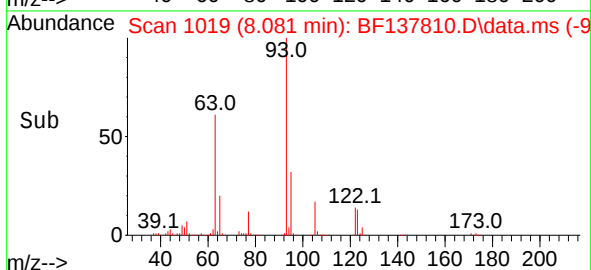
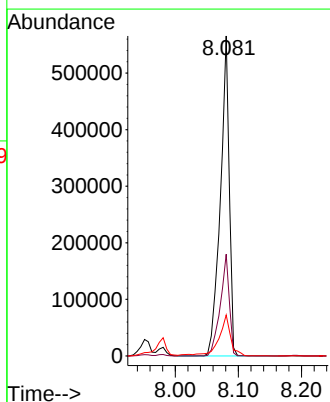
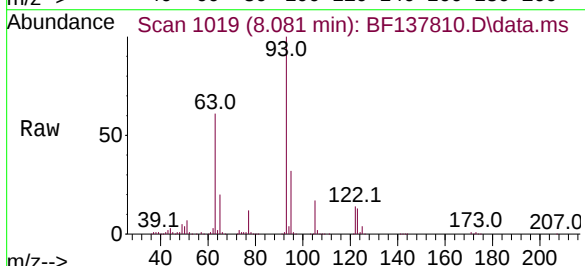
Reviewed By :Yogesh Patel 05/03/2024

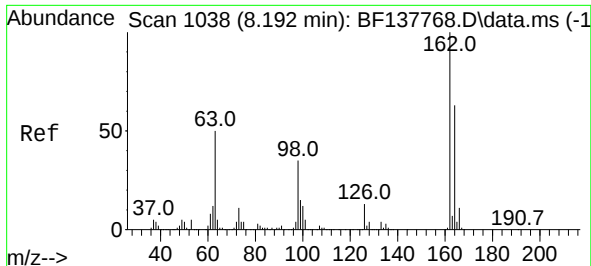
Supervised By :mohammad ahmed 05/03/2024



#28
bis(2-Chloroethoxy)methane
Concen: 43.707 ng
RT: 8.081 min Scan# 1019
Delta R.T. 0.000 min
Lab File: BF137810.D
Acq: 02 May 2024 12:09

Tgt Ion: 93 Resp: 557671
Ion Ratio Lower Upper
93 100
95 31.8 26.1 39.1
123 12.8 10.2 15.4





#29

2,4-Dichlorophenol

Concen: 47.342 ng

RT: 8.192 min Scan# 1038

Delta R.T. 0.000 min

Lab File: BF137810.D

Acq: 02 May 2024 12:09

Instrument :

BNA_F

ClientSampleId :

PB160643BS

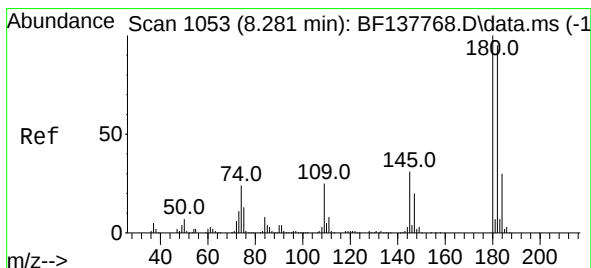
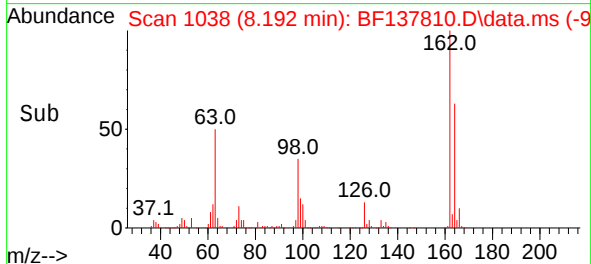
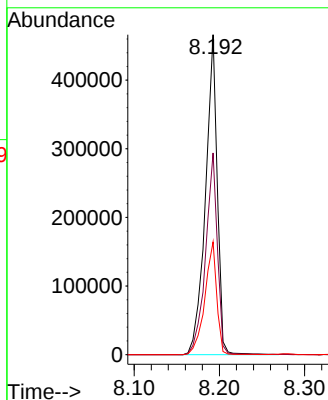
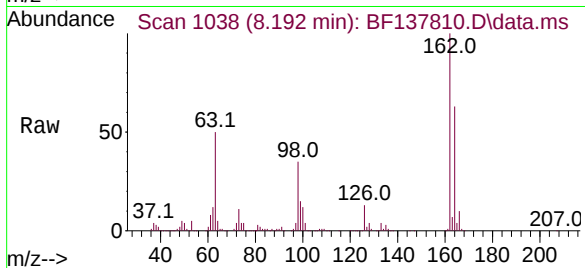
Tgt Ion:162 Resp: 449384
 Ion Ratio Lower Upper
 162 100
 164 63.1 43.5 83.5
 98 35.2 15.1 55.1

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 05/03/2024

Supervised By :mohammad ahmed 05/03/2024



#30

1,2,4-Trichlorobenzene

Concen: 44.785 ng

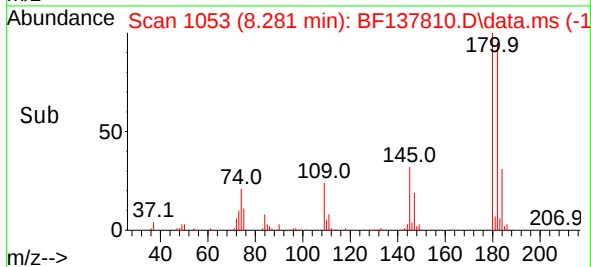
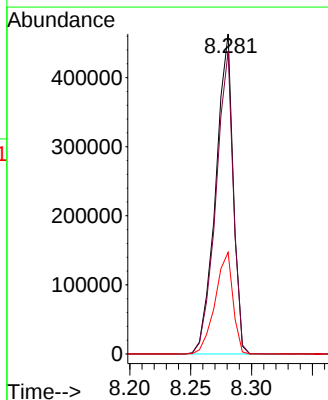
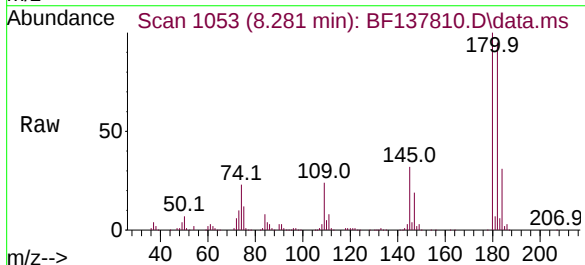
RT: 8.281 min Scan# 1053

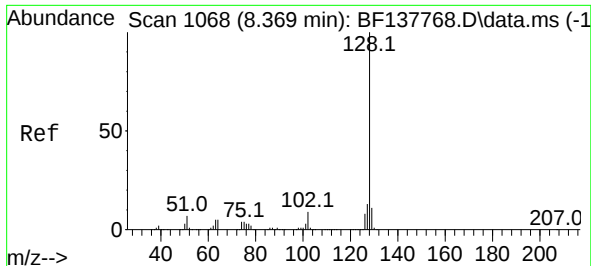
Delta R.T. 0.000 min

Lab File: BF137810.D

Acq: 02 May 2024 12:09

Tgt Ion:180 Resp: 463438
 Ion Ratio Lower Upper
 180 100
 182 94.6 76.2 114.2
 145 31.7 25.1 37.7





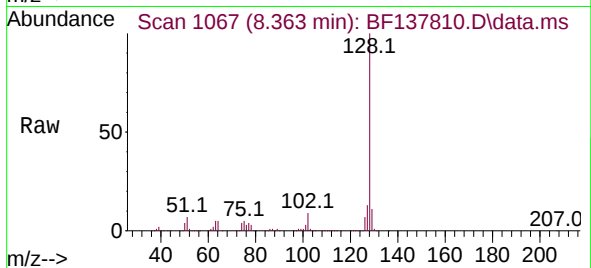
#31
Naphthalene
Concen: 44.657 ng
RT: 8.363 min Scan# 1068
Delta R.T. -0.006 min
Lab File: BF137810.D
Acq: 02 May 2024 12:09

Instrument :

BNA_F

ClientSampleId :

PB160643BS



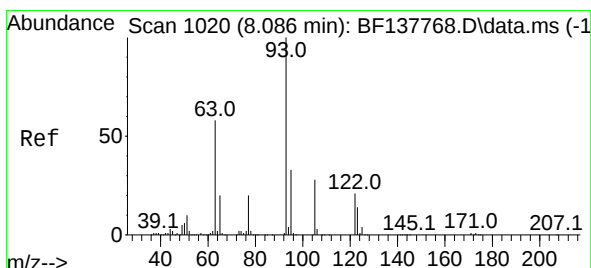
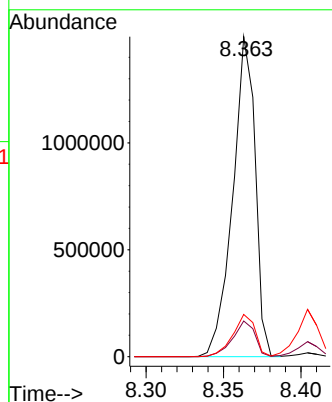
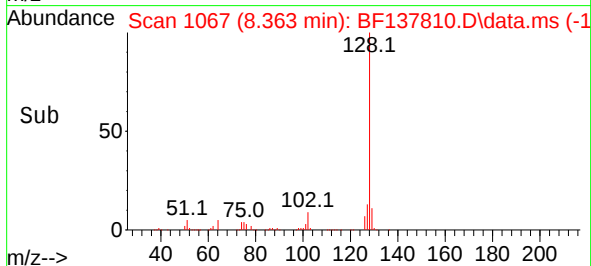
Tgt Ion:128 Resp: 1506980
Ion Ratio Lower Upper
128 100
129 11.2 8.8 13.2
127 13.2 10.6 16.0

Manual Integrations

APPROVED

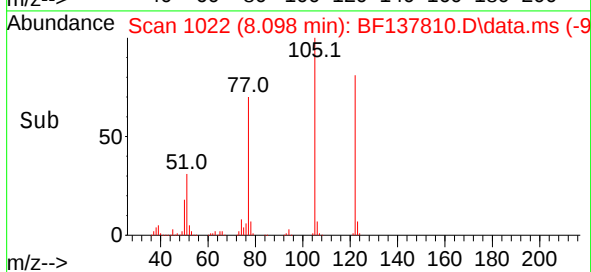
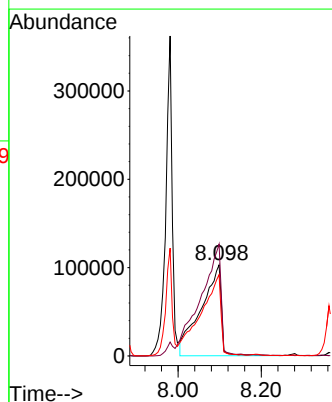
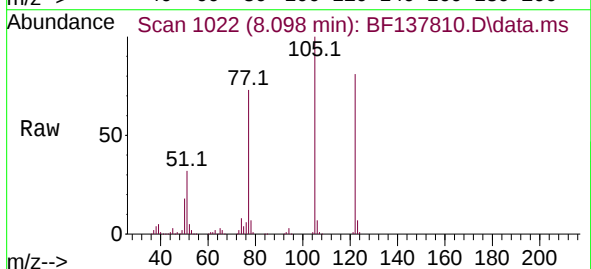
Reviewed By :Yogesh Patel 05/03/2024

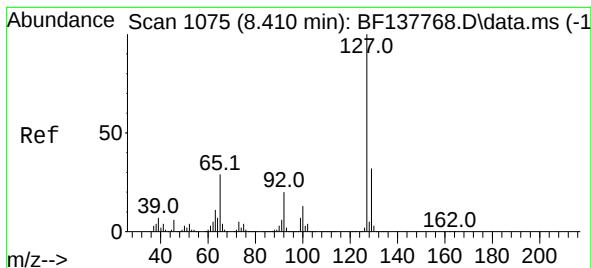
Supervised By :mohammad ahmed 05/03/2024



#32
Benzoic acid
Concen: 51.416 ng
RT: 8.098 min Scan# 1022
Delta R.T. 0.012 min
Lab File: BF137810.D
Acq: 02 May 2024 12:09

Tgt Ion:122 Resp: 348350
Ion Ratio Lower Upper
122 100
105 122.9 105.3 145.3
77 89.3 73.2 113.2





#33

4-Chloroaniline

Concen: 17.951 ng

RT: 8.404 min Scan# 1074

Delta R.T. -0.006 min

Lab File: BF137810.D

Acq: 02 May 2024 12:09

Instrument :

BNA_F

ClientSampleId :

PB160643BS

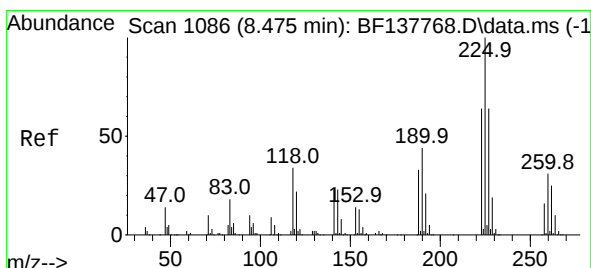
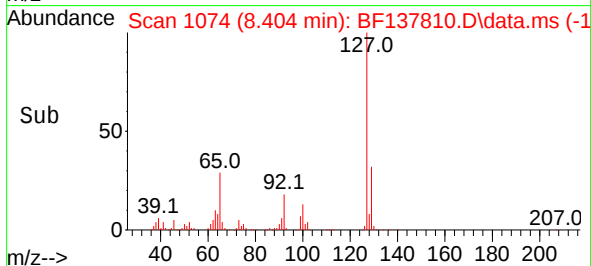
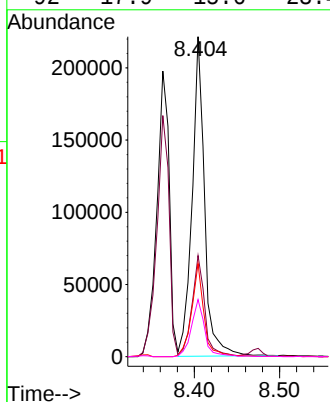
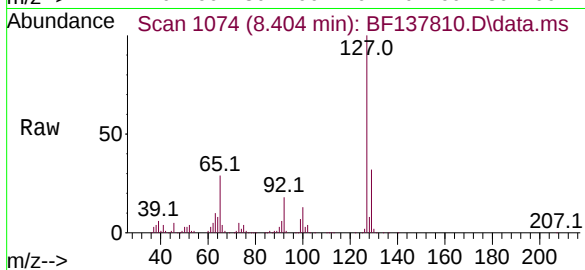
Tgt Ion:	127	Resp:	22463
Ion Ratio	Lower	Upper	
127	100		
129	31.6	25.7	38.5
65	29.1	23.4	35.2
92	17.9	15.6	23.4

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 05/03/2024

Supervised By :mohammad ahmed 05/03/2024



#34

Hexachlorobutadiene

Concen: 44.120 ng

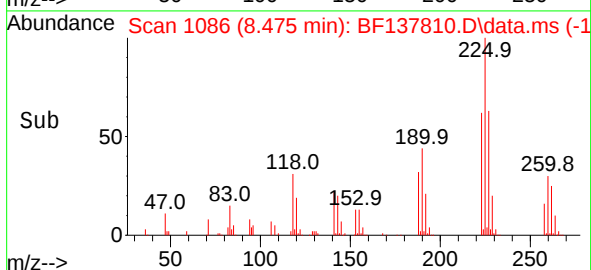
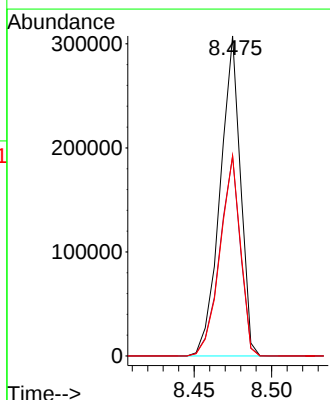
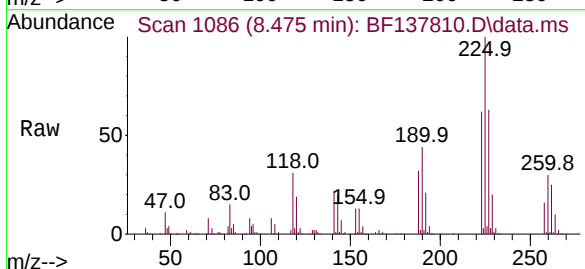
RT: 8.475 min Scan# 1086

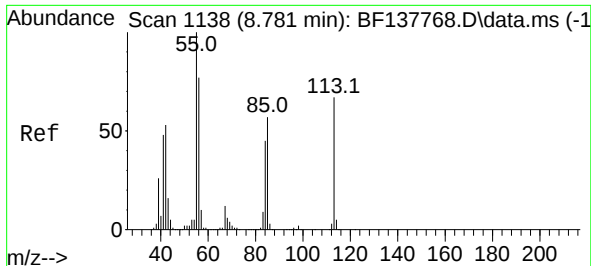
Delta R.T. 0.000 min

Lab File: BF137810.D

Acq: 02 May 2024 12:09

Tgt Ion:	225	Resp:	280304
Ion Ratio	Lower	Upper	
225	100		
223	62.4	51.1	76.7
227	62.6	51.4	77.0





#35

Caprolactam

Concen: 49.903 ng m

RT: 8.781 min Scan# 1138

Delta R.T. 0.000 min

Lab File: BF137810.D

Acq: 02 May 2024 12:09

Instrument :

BNA_F

ClientSampleId :

PB160643BS

Tgt Ion:113 Resp: 150089

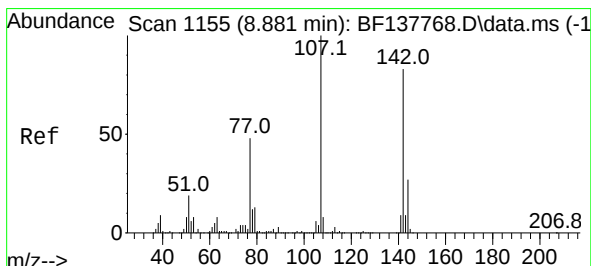
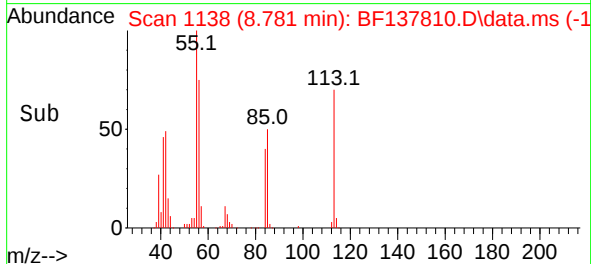
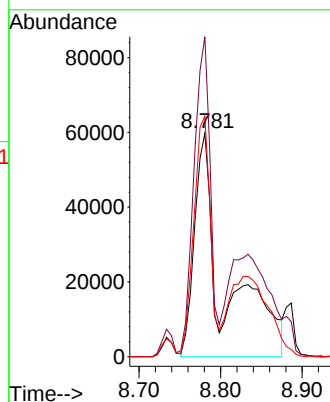
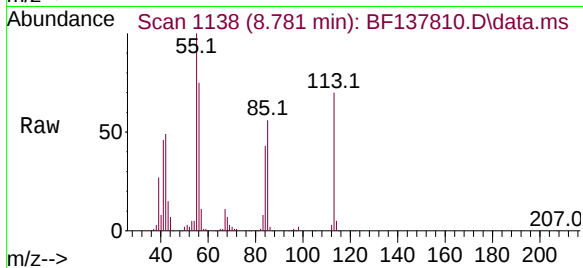
Ion	Ratio	Lower	Upper
113	100		
55	143.2	128.7	168.7
56	107.6	93.9	133.9

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 05/03/2024

Supervised By :mohammad ahmed 05/03/2024



#36

4-Chloro-3-methylphenol

Concen: 47.997 ng

RT: 8.887 min Scan# 1156

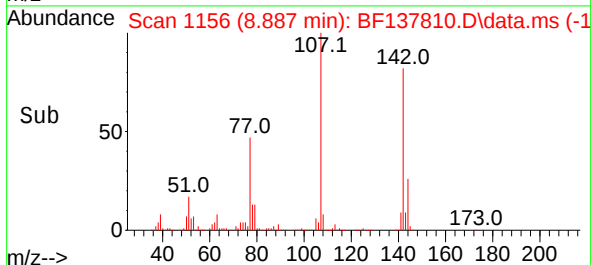
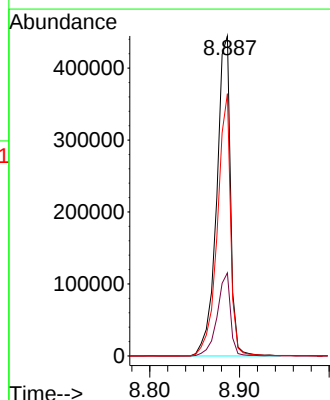
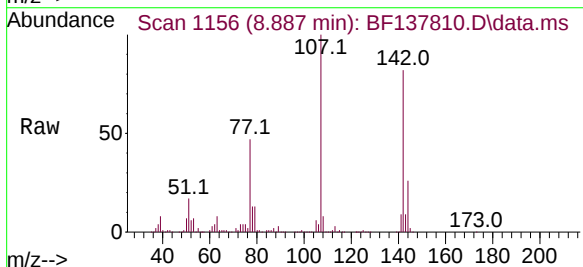
Delta R.T. 0.006 min

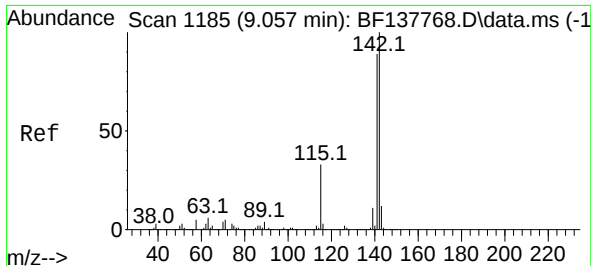
Lab File: BF137810.D

Acq: 02 May 2024 12:09

Tgt Ion:107 Resp: 475115

Ion	Ratio	Lower	Upper
107	100		
144	25.9	21.4	32.0
142	81.9	66.2	99.2





#37

2-Methylnaphthalene

Concen: 44.985 ng

RT: 9.057 min Scan# 1185

Delta R.T. 0.000 min

Lab File: BF137810.D

Acq: 02 May 2024 12:09

Instrument :

BNA_F

ClientSampleId :

PB160643BS

Tgt Ion:142 Resp: 98264

Ion Ratio Lower Upper

142 100

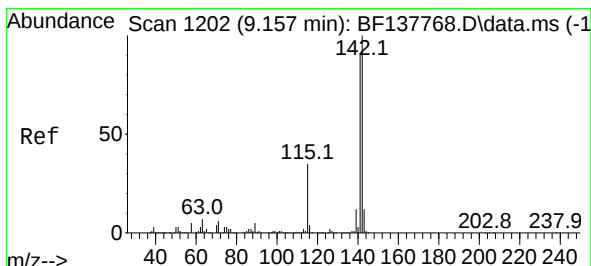
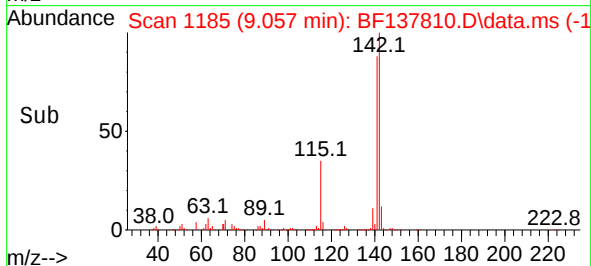
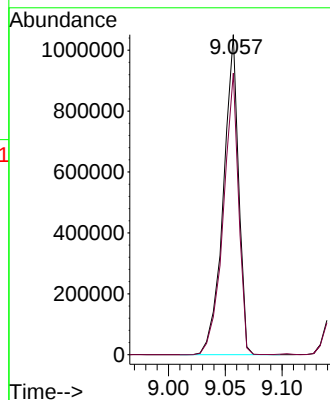
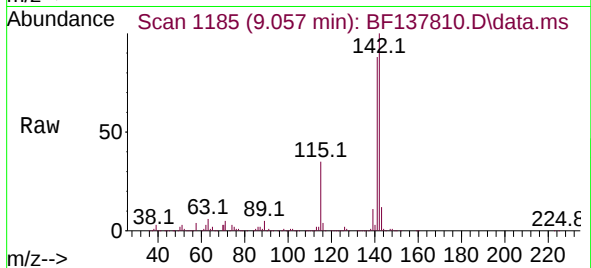
141 88.0 70.8 106.2

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 05/03/2024

Supervised By :mohammad ahmed 05/03/2024



#38

1-Methylnaphthalene

Concen: 42.541 ng

RT: 9.157 min Scan# 1202

Delta R.T. 0.000 min

Lab File: BF137810.D

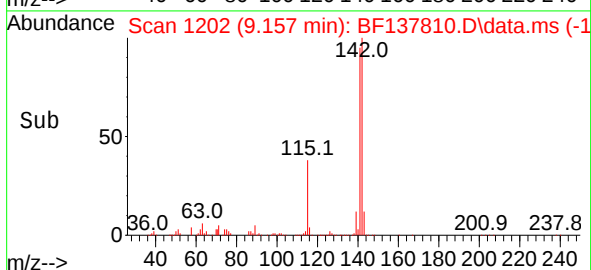
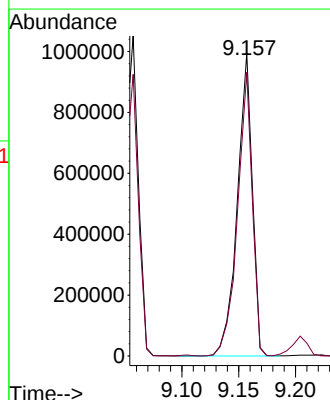
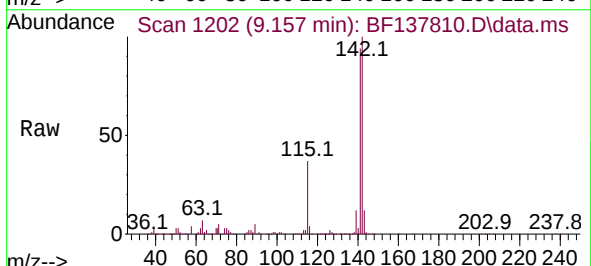
Acq: 02 May 2024 12:09

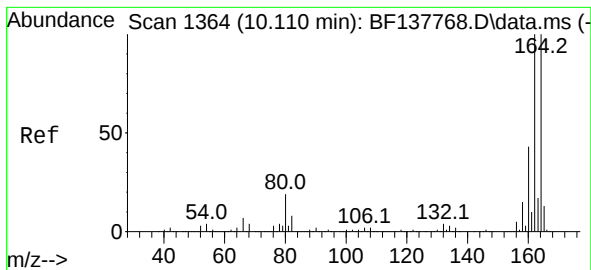
Tgt Ion:142 Resp: 914217

Ion Ratio Lower Upper

142 100

141 93.6 73.1 109.7





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 10.104 min Scan# 1363

Delta R.T. -0.006 min

Lab File: BF137810.D

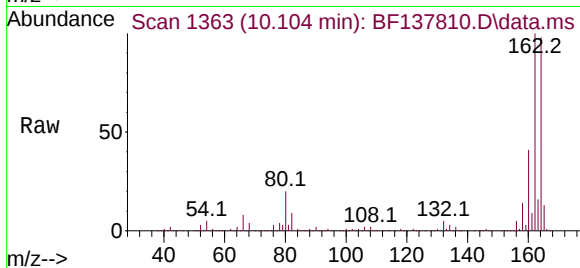
Acq: 02 May 2024 12:09

Instrument :

BNA_F

ClientSampleId :

PB160643BS



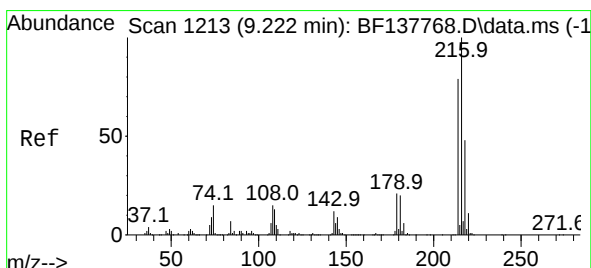
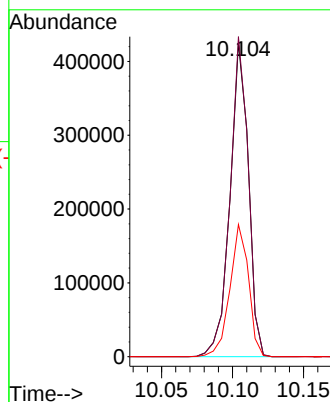
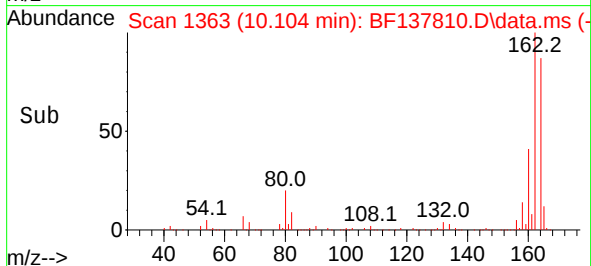
Tgt Ion:	164	Resp:	38401
Ion Ratio	Lower	Upper	
164	100		
162	102.1	79.8	119.6
160	42.2	34.4	51.6

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 05/03/2024

Supervised By :mohammad ahmed 05/03/2024



#40

1,2,4,5-Tetrachlorobenzene

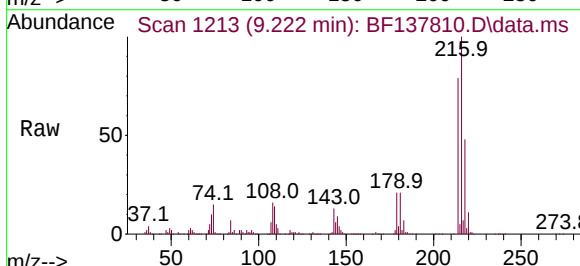
Concen: 45.178 ng

RT: 9.222 min Scan# 1213

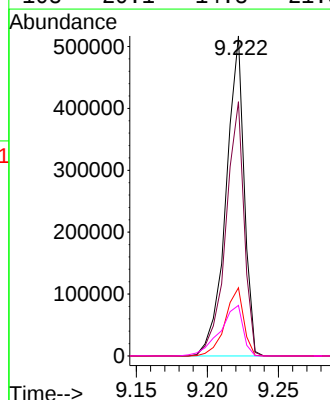
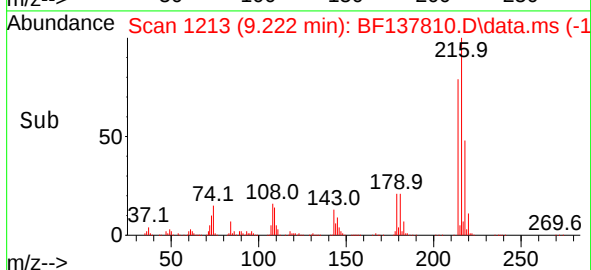
Delta R.T. 0.000 min

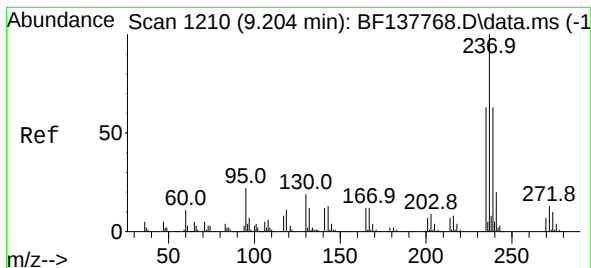
Lab File: BF137810.D

Acq: 02 May 2024 12:09



Tgt Ion:	216	Resp:	459499
Ion Ratio	Lower	Upper	
216	100		
214	79.6	63.3	94.9
179	21.7	16.8	25.2
108	20.1	14.3	21.5





#41

Hexachlorocyclopentadiene

Concen: 129.028 ng

RT: 9.204 min Scan# 1210

Delta R.T. 0.000 min

Lab File: BF137810.D

Acq: 02 May 2024 12:09

Instrument :

BNA_F

ClientSampleId :

PB160643BS

Tgt Ion:237 Resp: 533039

Ion Ratio Lower Upper

237 100

235 63.2 43.0 83.0

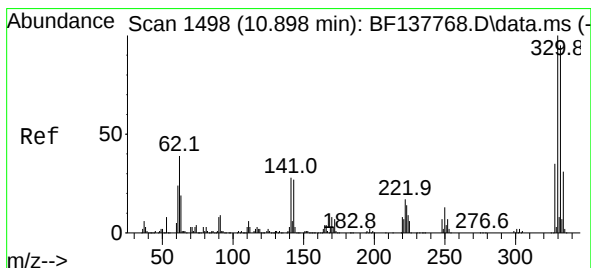
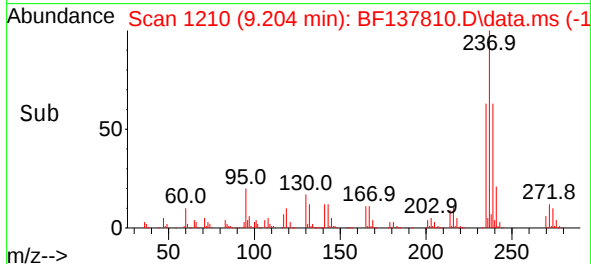
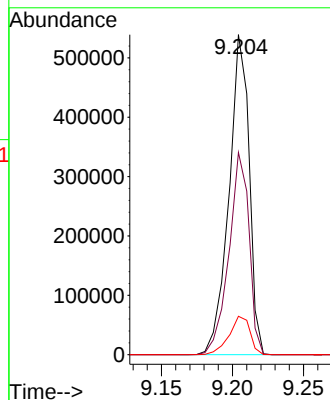
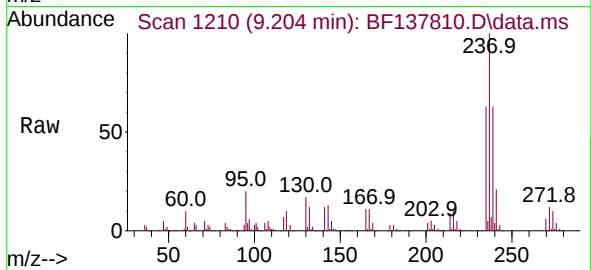
272 12.0 0.0 32.8

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 05/03/2024

Supervised By :mohammad ahmed 05/03/2024



#42

2,4,6-Tribromophenol

Concen: 138.482 ng

RT: 10.904 min Scan# 1499

Delta R.T. 0.006 min

Lab File: BF137810.D

Acq: 02 May 2024 12:09

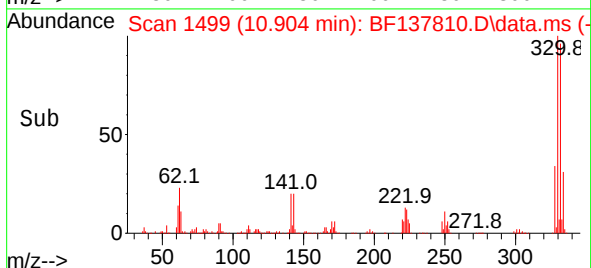
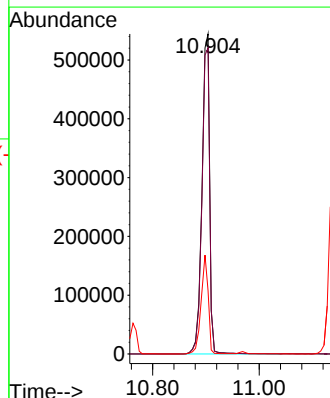
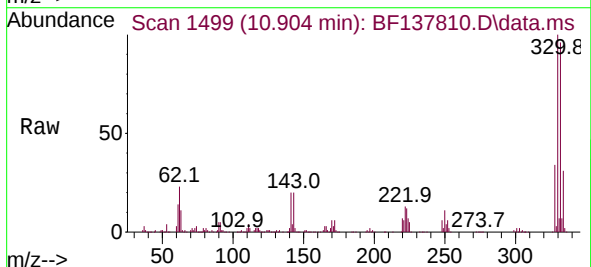
Tgt Ion:330 Resp: 542975

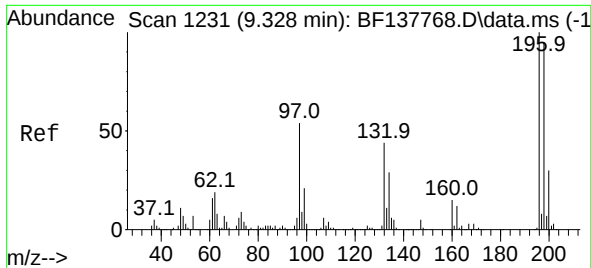
Ion Ratio Lower Upper

330 100

332 96.4 77.3 115.9

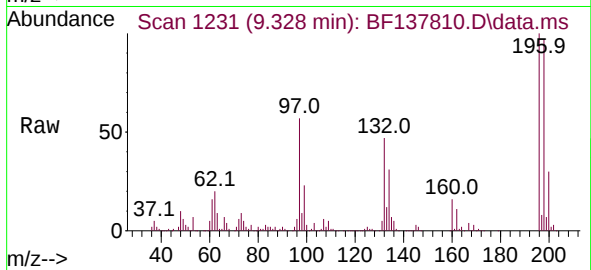
141 28.9 23.8 35.6





#43
2,4,6-Trichlorophenol
Concen: 47.654 ng
RT: 9.328 min Scan# 1231
Delta R.T. 0.000 min
Lab File: BF137810.D
Acq: 02 May 2024 12:09

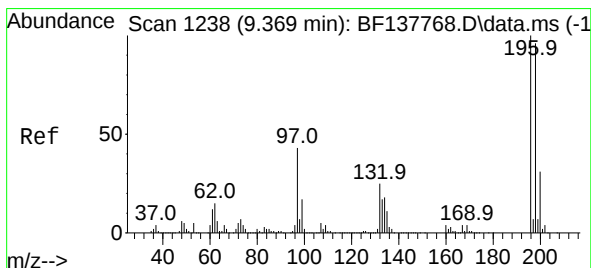
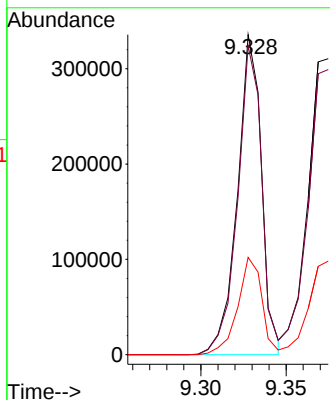
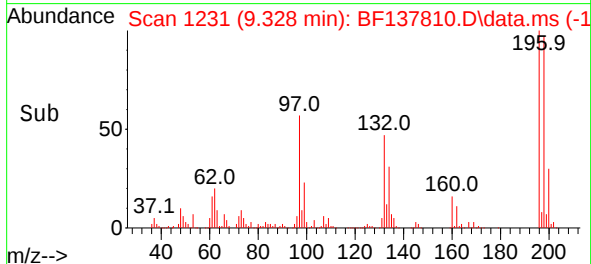
Instrument :
BNA_F
ClientSampleId :
PB160643BS



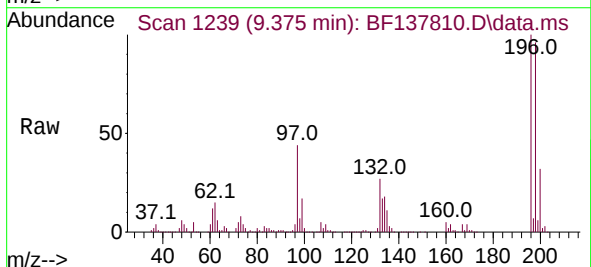
Tgt Ion:196 Resp: 32992
Ion Ratio Lower Upper
196 100
198 96.6 76.2 114.4
200 30.4 24.2 36.2

Manual Integrations
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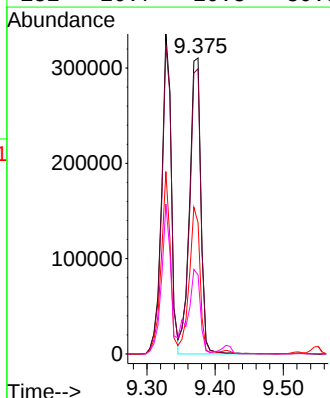
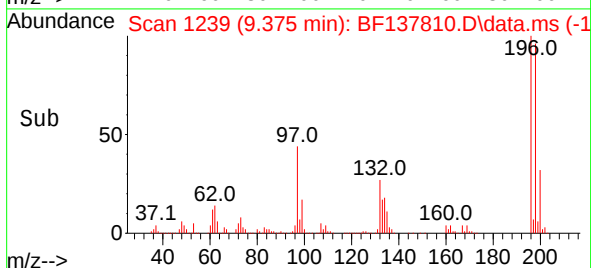
Reviewed By :Yogesh Patel 05/03/2024
Supervised By :mohammad ahmed 05/03/2024

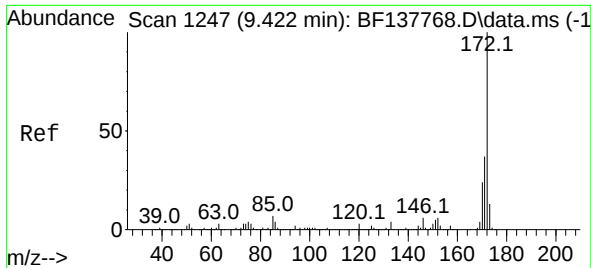


#44
2,4,5-Trichlorophenol
Concen: 46.405 ng
RT: 9.375 min Scan# 1239
Delta R.T. 0.006 min
Lab File: BF137810.D
Acq: 02 May 2024 12:09



Tgt Ion:196 Resp: 354754
Ion Ratio Lower Upper
196 100
198 96.3 76.6 114.8
97 44.4 34.5 51.7
132 26.7 20.3 30.5





#45

2-Fluorobiphenyl

Concen: 86.980 ng

RT: 9.416 min Scan# 1246

Delta R.T. -0.006 min

Lab File: BF137810.D

Acq: 02 May 2024 12:09

Instrument :

BNA_F

ClientSampleId :

PB160643BS

Tgt Ion:172 Resp: 2058828

Ion Ratio Lower Upper

172 100

171 36.3 29.6 44.4

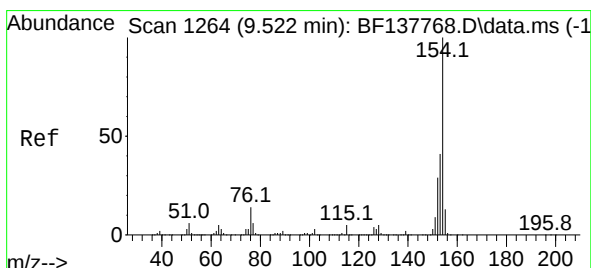
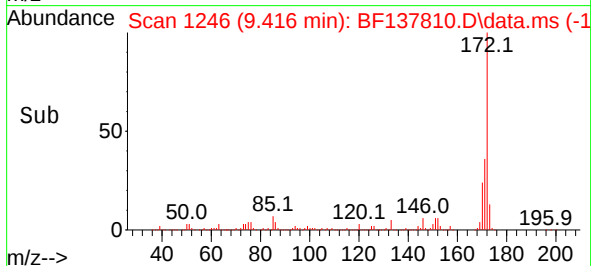
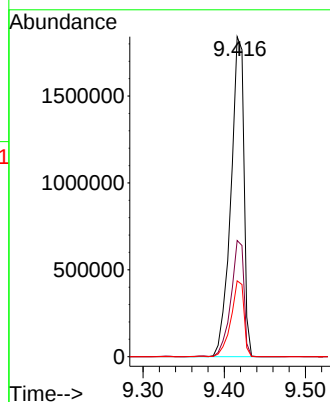
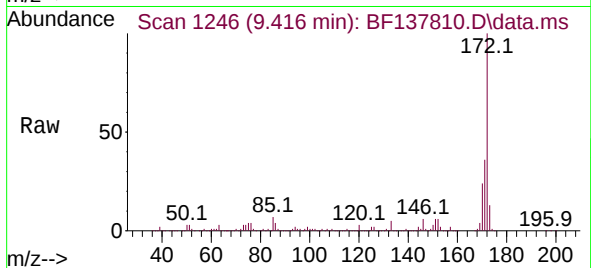
170 23.7 19.4 29.2

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 05/03/2024

Supervised By :mohammad ahmed 05/03/2024



#46

1,1'-Biphenyl

Concen: 45.665 ng

RT: 9.522 min Scan# 1264

Delta R.T. 0.000 min

Lab File: BF137810.D

Acq: 02 May 2024 12:09

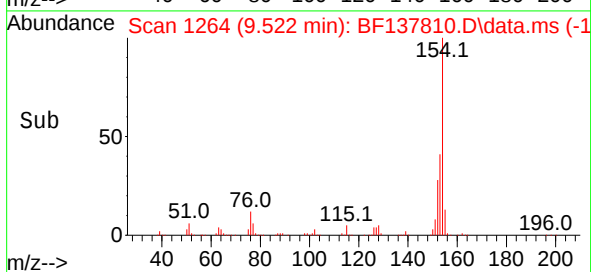
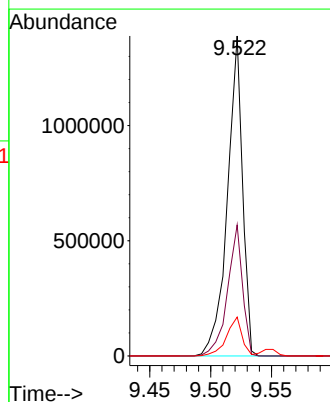
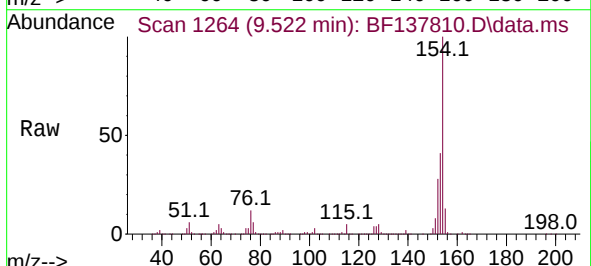
Tgt Ion:154 Resp: 1203475

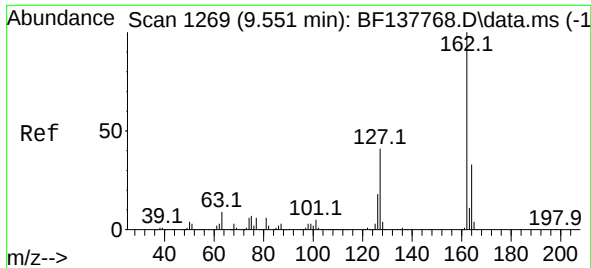
Ion Ratio Lower Upper

154 100

153 41.0 21.4 61.4

76 12.2 0.0 33.5





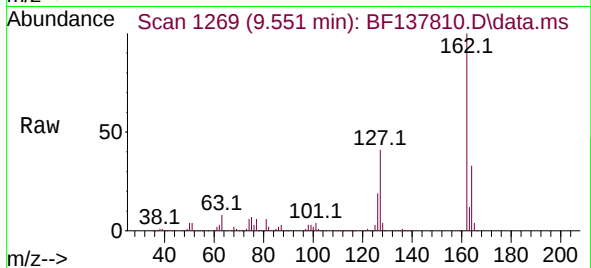
#47
2-Chloronaphthalene
Concen: 44.366 ng
RT: 9.551 min Scan# 1269
Delta R.T. 0.000 min
Lab File: BF137810.D
Acq: 02 May 2024 12:09

Instrument :

BNA_F

ClientSampleId :

PB160643BS

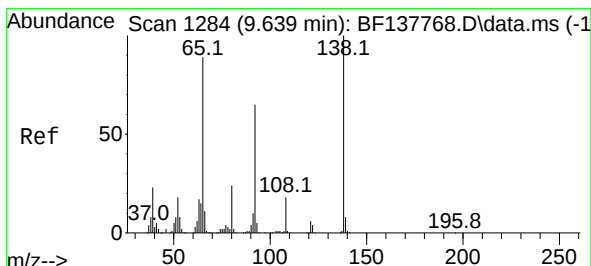
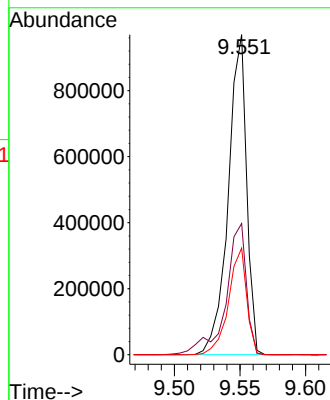
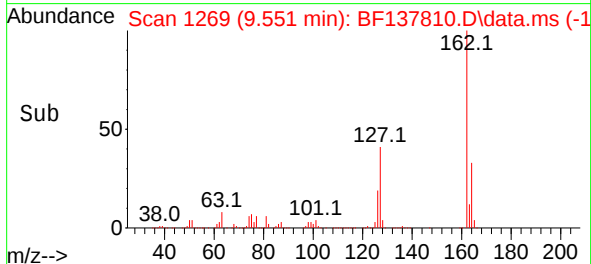


Tgt Ion:162 Resp: 943984
Ion Ratio Lower Upper
162 100
127 41.0 32.6 49.0
164 33.3 26.5 39.7

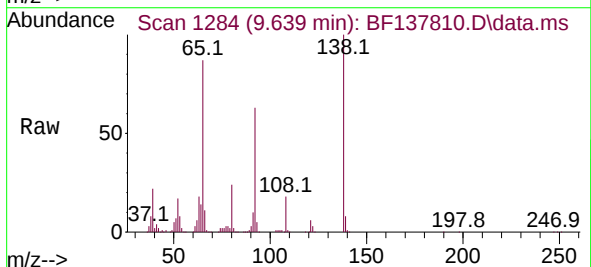
Manual Integrations

APPROVED

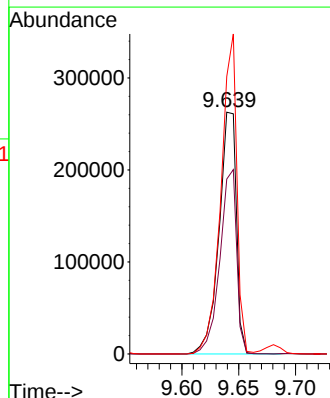
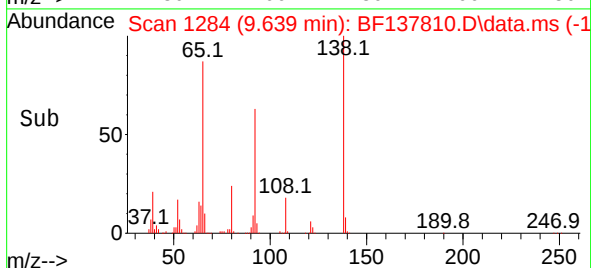
Reviewed By :Yogesh Patel 05/03/2024
Supervised By :mohammad ahmed 05/03/2024

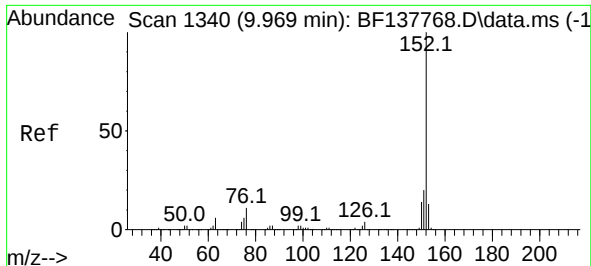


#48
2-Nitroaniline
Concen: 48.596 ng
RT: 9.639 min Scan# 1284
Delta R.T. 0.000 min
Lab File: BF137810.D
Acq: 02 May 2024 12:09



Tgt Ion: 65 Resp: 280427
Ion Ratio Lower Upper
65 100
92 72.4 58.6 88.0
138 114.8 90.3 135.5





#49

Acenaphthylene

Concen: 49.387 ng

RT: 9.969 min Scan# 1340

Delta R.T. 0.000 min

Lab File: BF137810.D

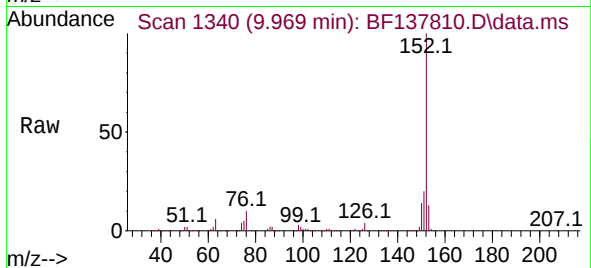
Acq: 02 May 2024 12:09

Instrument :

BNA_F

ClientSampleId :

PB160643BS



Tgt Ion:152 Resp: 1520094

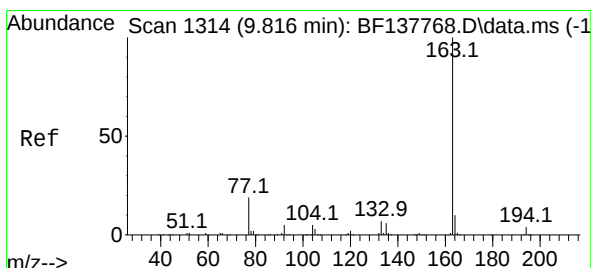
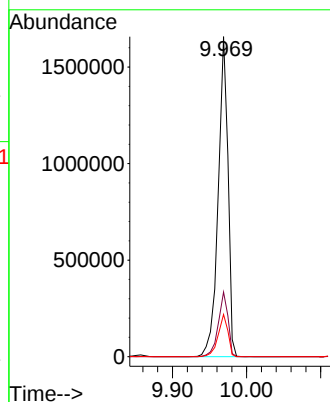
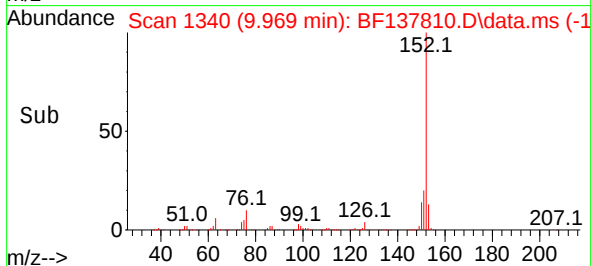
Ion	Ratio	Lower	Upper
152	100		
151	20.2	16.2	24.4
153	13.2	10.8	16.2

Manual Integrations

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Reviewed By :Yogesh Patel 05/03/2024

Supervised By :mohammad ahmed 05/03/2024



#50

Dimethylphthalate

Concen: 46.707 ng

RT: 9.822 min Scan# 1315

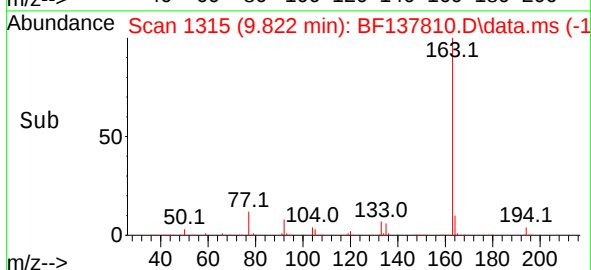
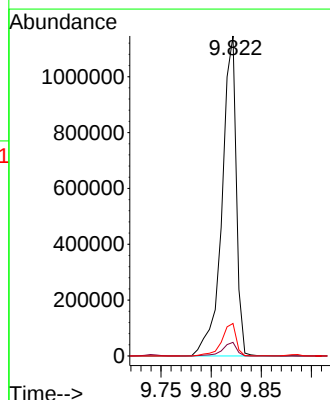
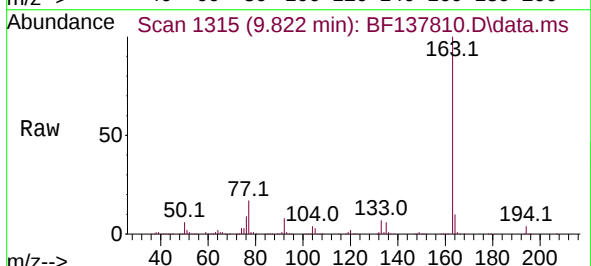
Delta R.T. 0.006 min

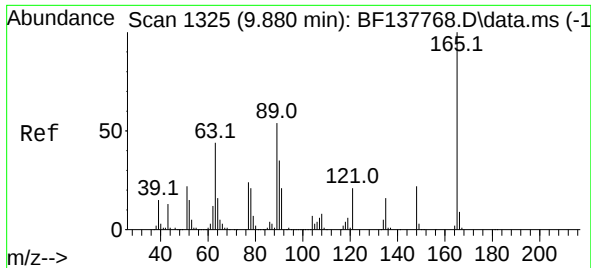
Lab File: BF137810.D

Acq: 02 May 2024 12:09

Tgt Ion:163 Resp: 1132288

Ion	Ratio	Lower	Upper
163	100		
194	4.3	3.3	4.9
164	10.2	8.3	12.5





#51
2,6-Dinitrotoluene
Concen: 46.972 ng
RT: 9.881 min Scan# 1325
Delta R.T. 0.000 min
Lab File: BF137810.D
Acq: 02 May 2024 12:09

Instrument :

BNA_F

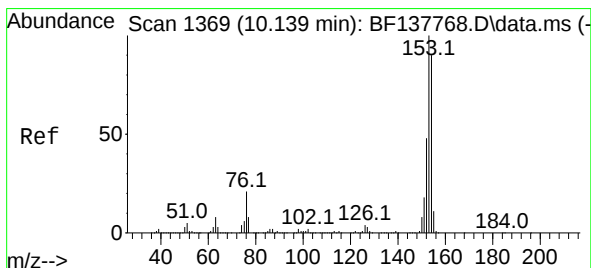
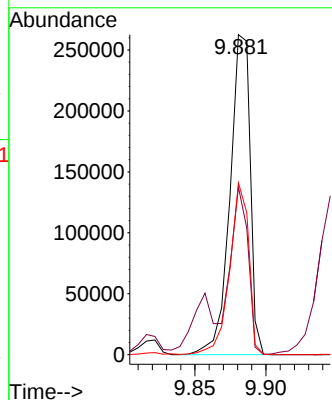
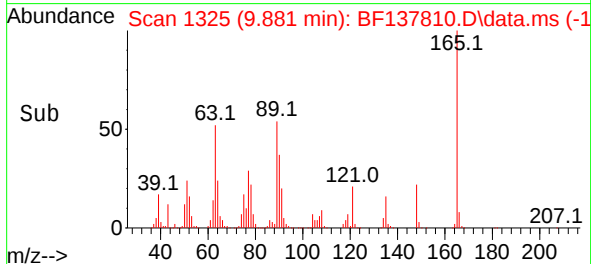
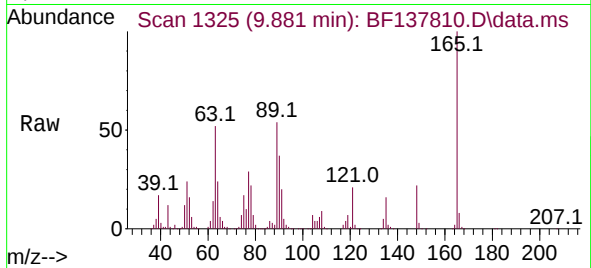
ClientSampleId :

PB160643BS

Tgt Ion:165 Resp: 26023
Ion Ratio Lower Upper
165 100
63 52.4 41.9 62.9
89 53.7 43.2 64.8

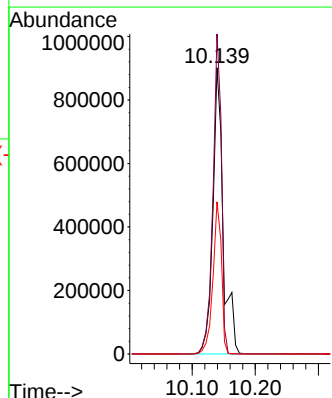
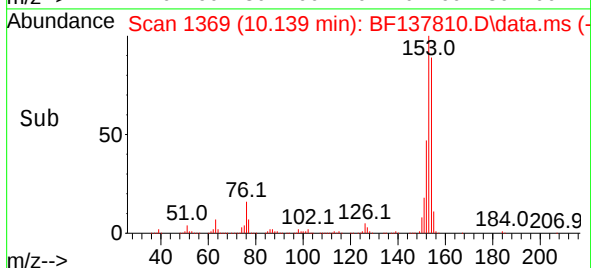
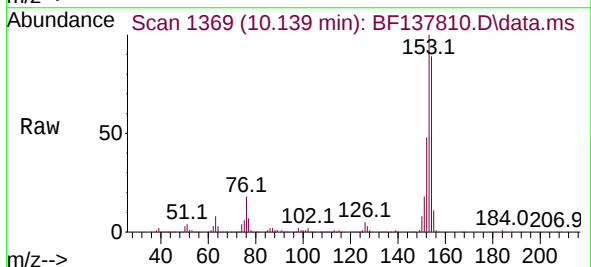
Manual Integrations
APPROVED

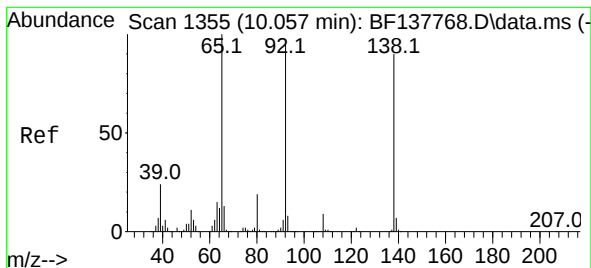
Reviewed By :Yogesh Patel 05/03/2024
Supervised By :mohammad ahmed 05/03/2024



#52
Acenaphthene
Concen: 50.143 ng
RT: 10.139 min Scan# 1369
Delta R.T. 0.000 min
Lab File: BF137810.D
Acq: 02 May 2024 12:09

Tgt Ion:154 Resp: 1022998
Ion Ratio Lower Upper
154 100
153 111.8 88.7 133.1
152 53.1 42.8 64.2





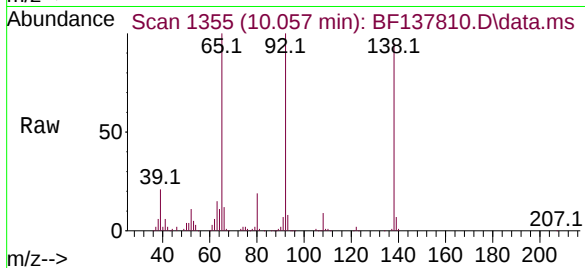
#53
3-Nitroaniline
Concen: 29.303 ng
RT: 10.057 min Scan# 1355
Delta R.T. 0.000 min
Lab File: BF137810.D
Acq: 02 May 2024 12:09

Instrument :

BNA_F

ClientSampleId :

PB160643BS



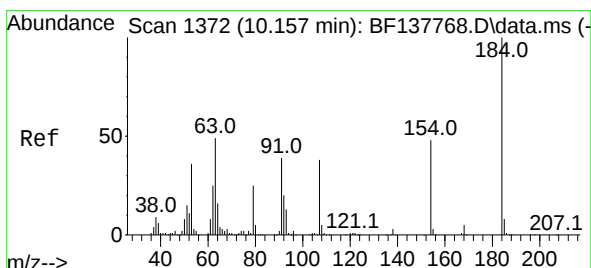
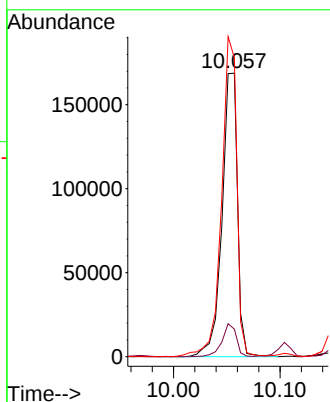
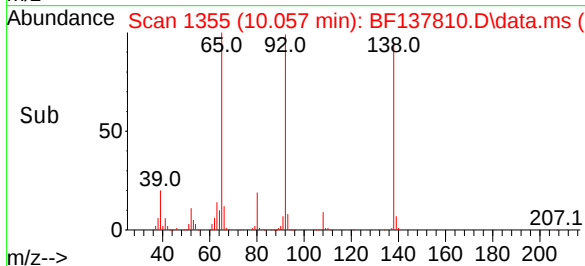
Tgt Ion:138 Resp: 170010
Ion Ratio Lower Upper
138 100
108 9.7 7.8 11.6
92 105.4 84.6 126.8

Manual Integrations

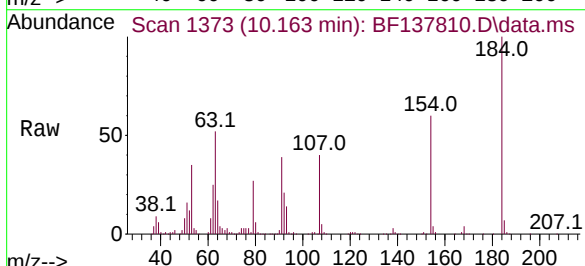
APPROVED

Reviewed By :Yogesh Patel 05/03/2024

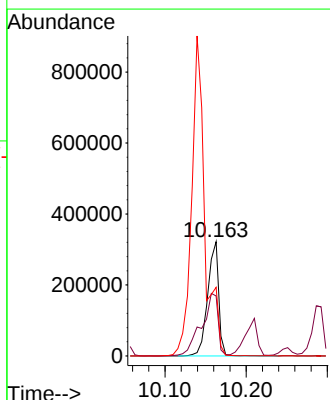
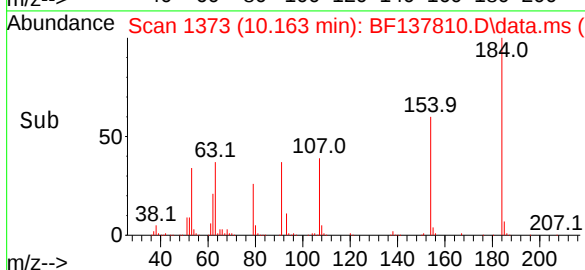
Supervised By :mohammad ahmed 05/03/2024

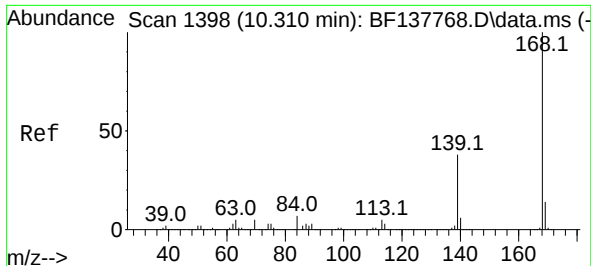


#54
2,4-Dinitrophenol
Concen: 110.915 ng
RT: 10.163 min Scan# 1373
Delta R.T. 0.006 min
Lab File: BF137810.D
Acq: 02 May 2024 12:09



Tgt Ion:184 Resp: 301936
Ion Ratio Lower Upper
184 100
63 52.5 40.3 60.5
154 60.1 45.2 67.8





#55

Dibenzenofuran

Concen: 45.648 ng

RT: 10.316 min Scan# 1399

Delta R.T. 0.006 min

Lab File: BF137810.D

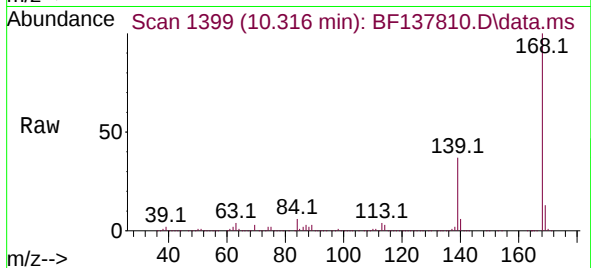
Acq: 02 May 2024 12:09

Instrument :

BNA_F

ClientSampleId :

PB160643BS



Tgt Ion:168 Resp: 1355260

Ion Ratio Lower Upper

168 100

139 37.4 30.2 45.4

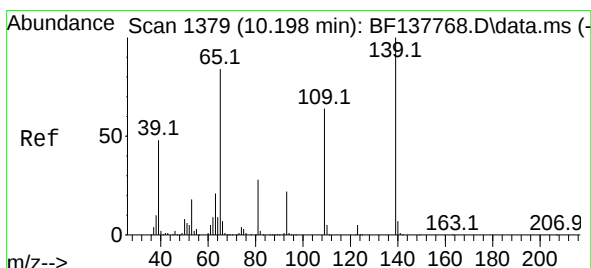
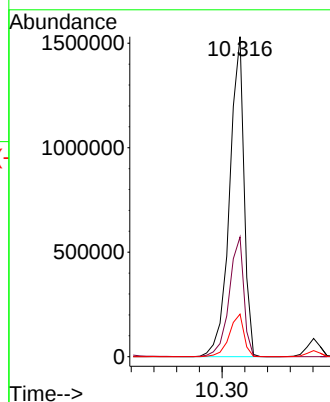
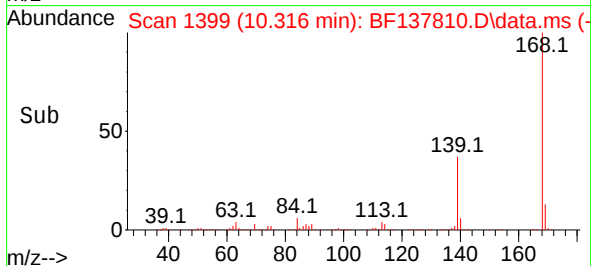
169 13.3 11.4 17.0

Manual Integrations

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Reviewed By :Yogesh Patel 05/03/2024

Supervised By :mohammad ahmed 05/03/2024



#56

4-Nitrophenol

Concen: 90.354 ng

RT: 10.210 min Scan# 1381

Delta R.T. 0.012 min

Lab File: BF137810.D

Acq: 02 May 2024 12:09

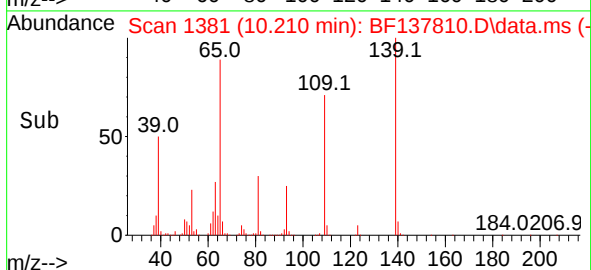
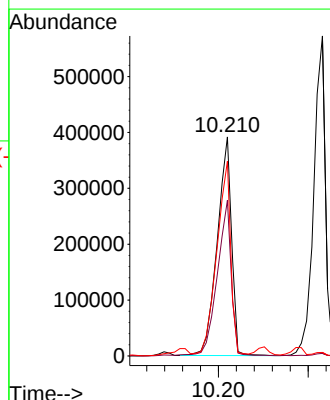
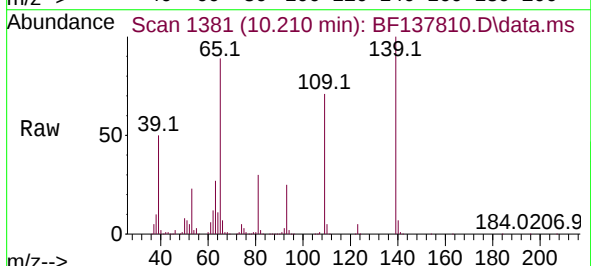
Tgt Ion:139 Resp: 434471

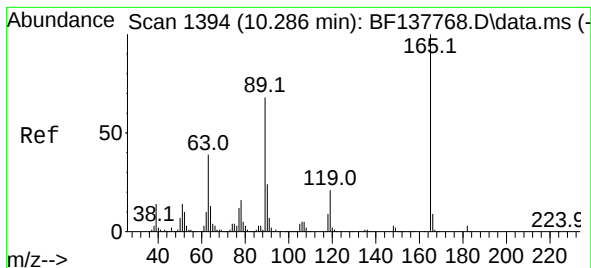
Ion Ratio Lower Upper

139 100

109 71.0 44.0 84.0

65 88.9 64.3 104.3





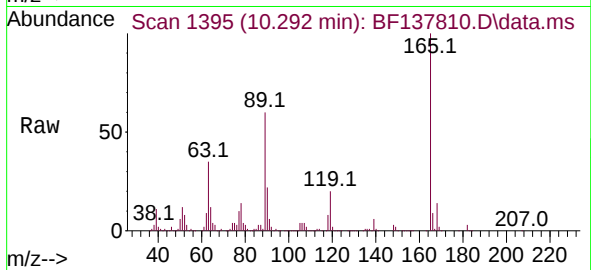
#57
2,4-Dinitrotoluene
Concen: 49.022 ng
RT: 10.292 min Scan# 1395
Delta R.T. 0.006 min
Lab File: BF137810.D
Acq: 02 May 2024 12:09

Instrument :

BNA_F

ClientSampleId :

PB160643BS

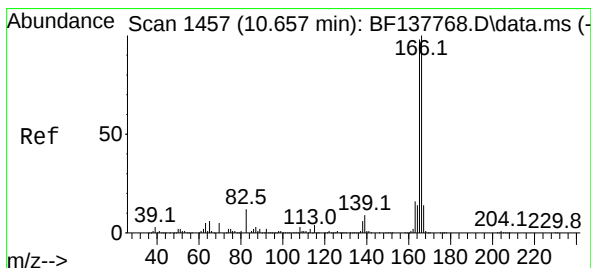
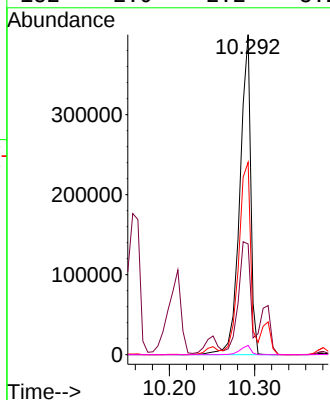
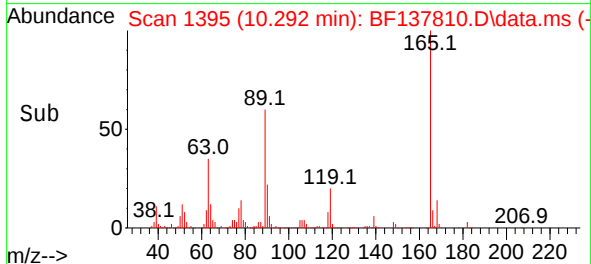


Tgt Ion:165 Resp: 354818
Ion Ratio Lower Upper
165 100
63 34.6 31.3 46.9
89 60.1 54.2 81.4
182 2.9 2.2 3.2

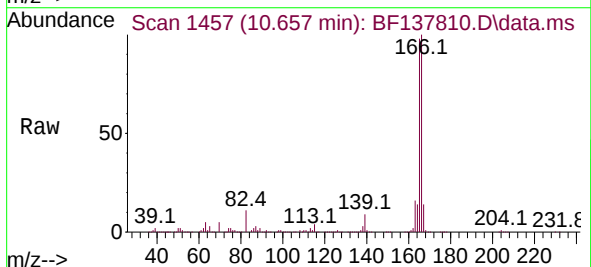
Manual Integrations

APPROVED

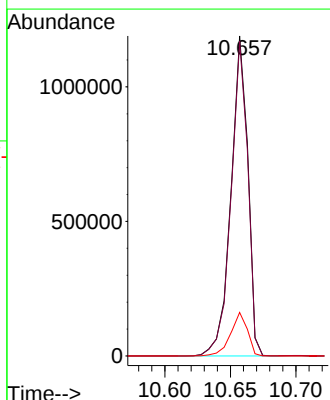
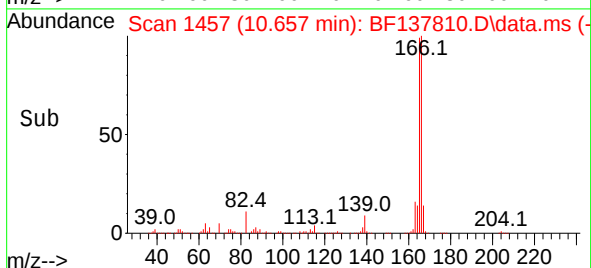
Reviewed By :Yogesh Patel 05/03/2024
Supervised By :mohammad ahmed 05/03/2024

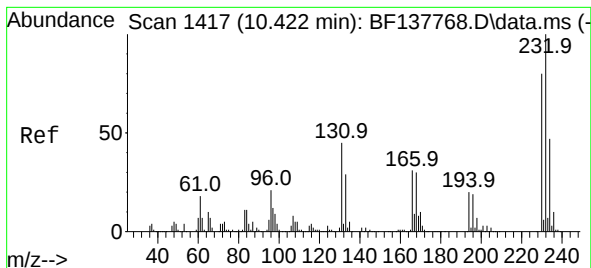


#58
Fluorene
Concen: 45.107 ng
RT: 10.657 min Scan# 1457
Delta R.T. 0.000 min
Lab File: BF137810.D
Acq: 02 May 2024 12:09



Tgt Ion:166 Resp: 1065805
Ion Ratio Lower Upper
166 100
165 98.5 78.2 117.2
167 13.6 10.9 16.3





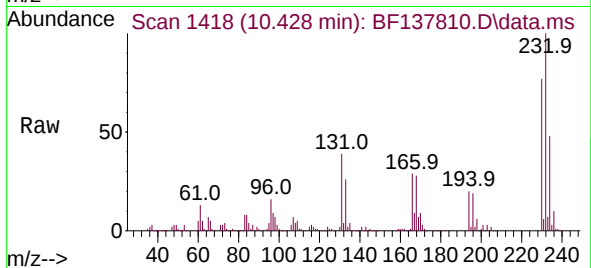
#59
2,3,4,6-Tetrachlorophenol
Concen: 47.349 ng
RT: 10.428 min Scan# 1417
Delta R.T. 0.006 min
Lab File: BF137810.D
Acq: 02 May 2024 12:09

Instrument :

BNA_F

ClientSampleId :

PB160643BS



Tgt Ion:232 Resp: 29387
Ion Ratio Lower Upper

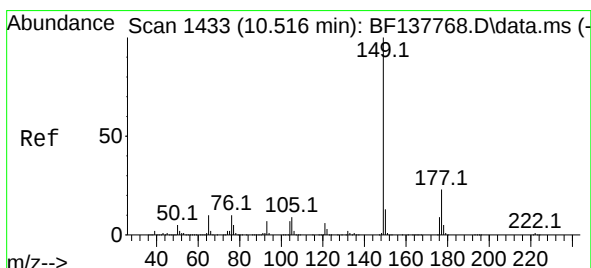
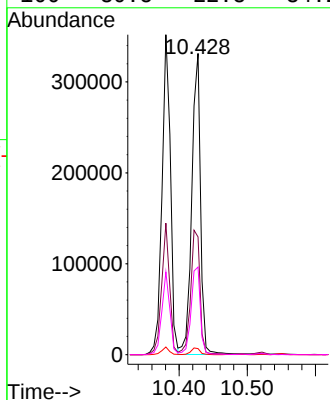
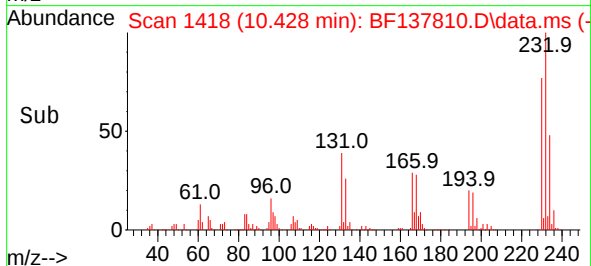
232	100		
131	43.3	33.4	50.0
130	2.3	1.7	2.5
166	30.5	22.8	34.2

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 05/03/2024

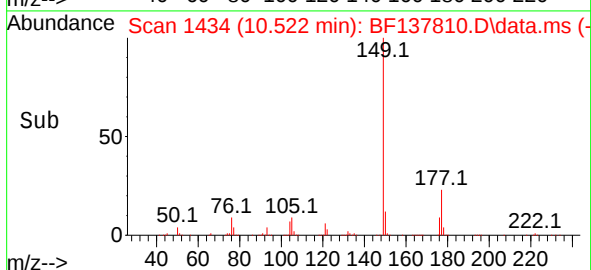
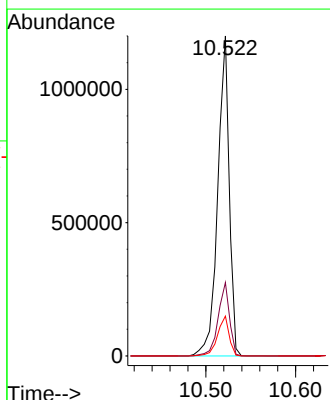
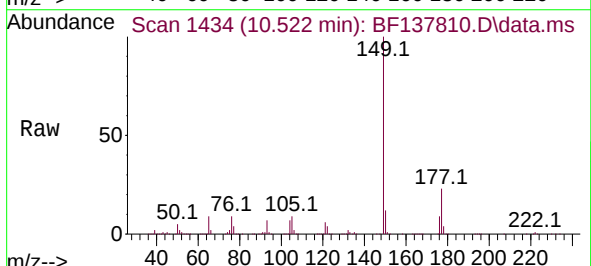
Supervised By :mohammad ahmed 05/03/2024

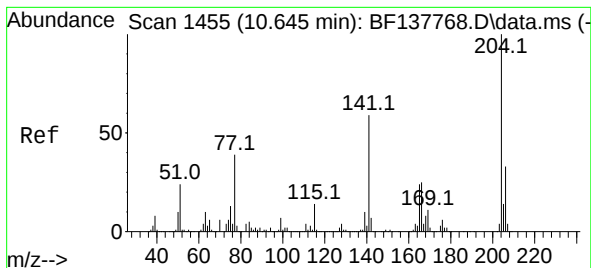


#60
Diethylphthalate
Concen: 46.388 ng
RT: 10.522 min Scan# 1434
Delta R.T. 0.006 min
Lab File: BF137810.D
Acq: 02 May 2024 12:09

Tgt Ion:149 Resp: 1068062

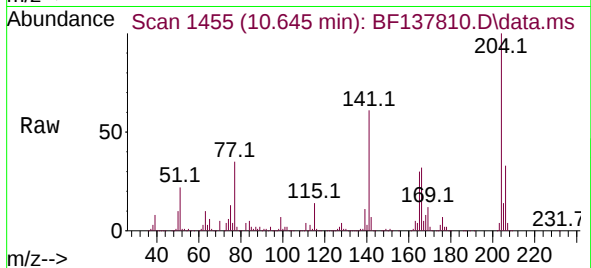
Ion	Ratio	Lower	Upper
149	100		
177	22.9	18.4	27.6
150	12.5	10.5	15.7





#61
4-Chlorophenyl-phenylether
Concen: 44.715 ng
RT: 10.645 min Scan# 1455
Delta R.T. 0.000 min
Lab File: BF137810.D
Acq: 02 May 2024 12:09

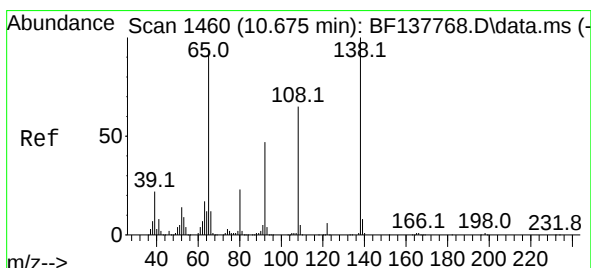
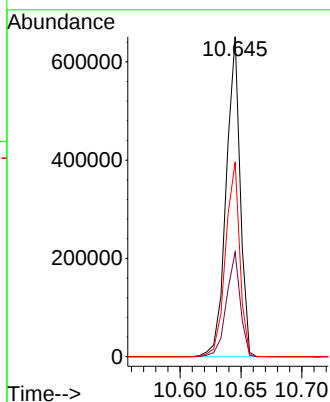
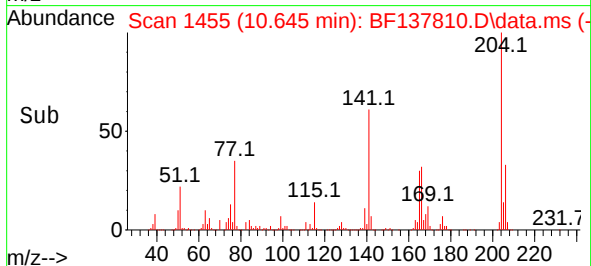
Instrument :
BNA_F
ClientSampleId :
PB160643BS



Tgt Ion:204 Resp: 52058
Ion Ratio Lower Upper
204 100
206 32.7 26.4 39.6
141 60.9 47.0 70.6

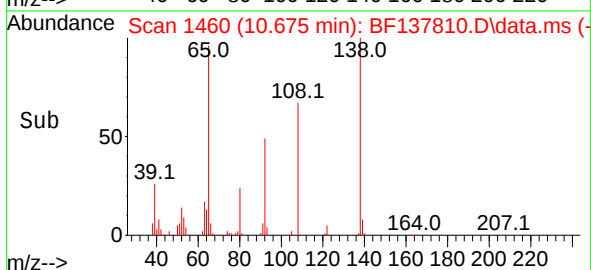
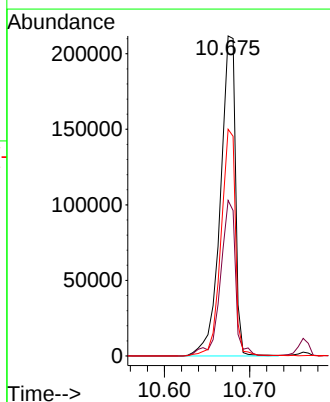
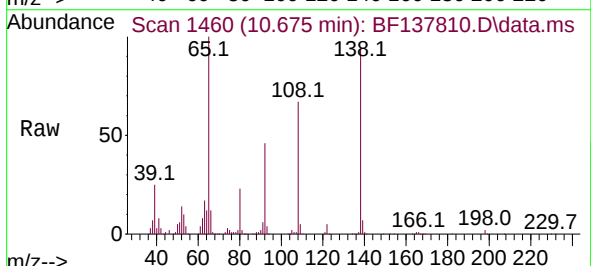
Manual Integrations
APPROVED

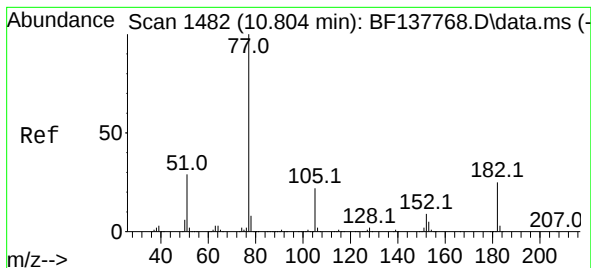
Reviewed By :Yogesh Patel 05/03/2024
Supervised By :mohammad ahmed 05/03/2024



#62
4-Nitroaniline
Concen: 44.377 ng
RT: 10.675 min Scan# 1460
Delta R.T. 0.000 min
Lab File: BF137810.D
Acq: 02 May 2024 12:09

Tgt Ion:138 Resp: 261146
Ion Ratio Lower Upper
138 100
92 48.6 26.8 66.8
108 70.9 44.7 84.7





#63

Azobenzene

Concen: 44.447 ng

RT: 10.804 min Scan# 1482

Delta R.T. 0.000 min

Lab File: BF137810.D

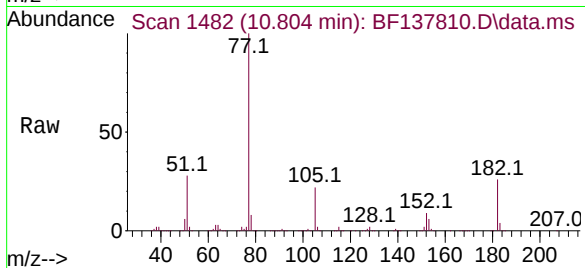
Acq: 02 May 2024 12:09

Instrument :

BNA_F

ClientSampleId :

PB160643BS



Tgt Ion: 77 Resp: 989074

Ion Ratio Lower Upper

77 100

182 26.1 5.1 45.1

105 21.8 2.2 42.2

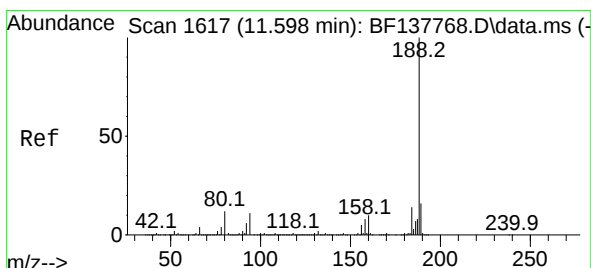
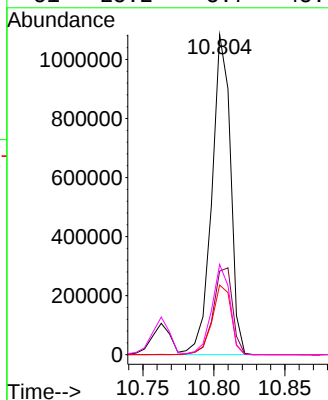
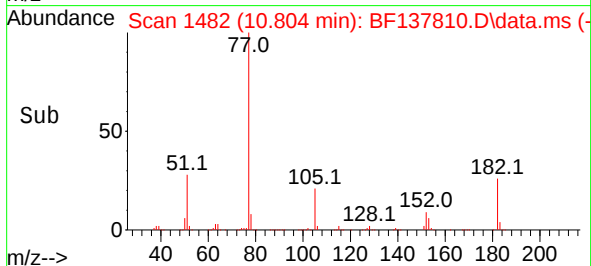
51 28.2 8.7 48.7

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 05/03/2024

Supervised By :mohammad ahmed 05/03/2024



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.598 min Scan# 1617

Delta R.T. 0.000 min

Lab File: BF137810.D

Acq: 02 May 2024 12:09

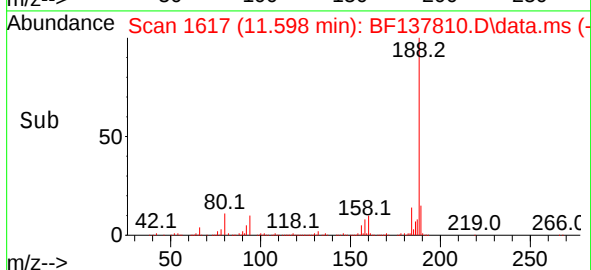
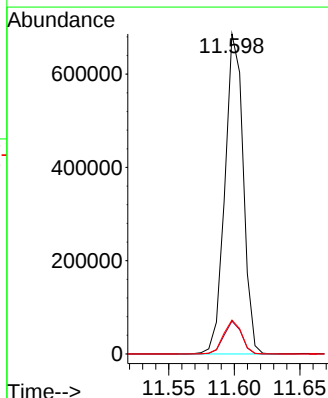
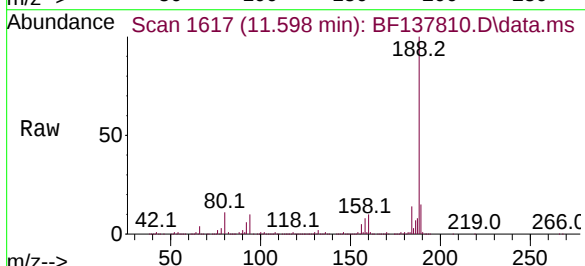
Tgt Ion:188 Resp: 667814

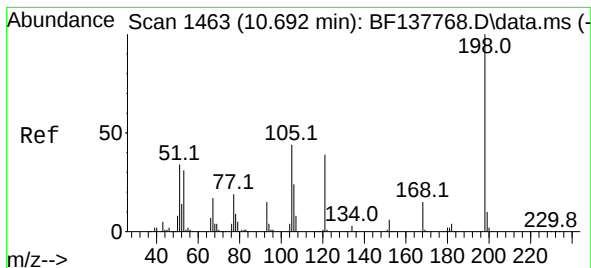
Ion Ratio Lower Upper

188 100

94 10.2 8.8 13.2

80 10.6 9.6 14.4





#65
4,6-Dinitro-2-methylphenol
Concen: 52.643 ng
RT: 10.698 min Scan# 1464
Delta R.T. 0.006 min
Lab File: BF137810.D
Acq: 02 May 2024 12:09

Instrument :

BNA_F

ClientSampleId :

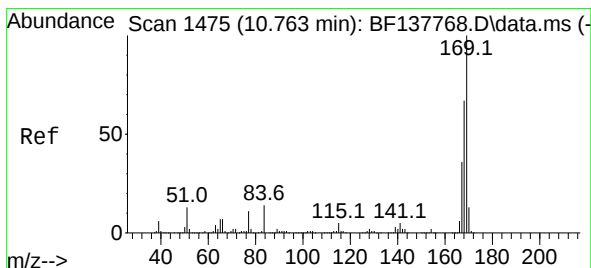
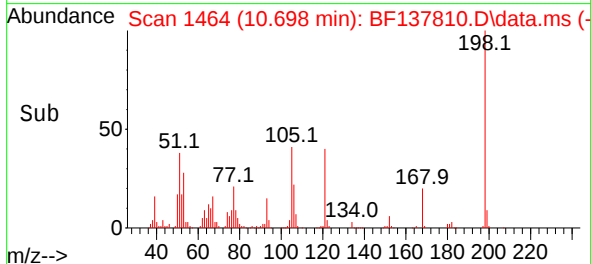
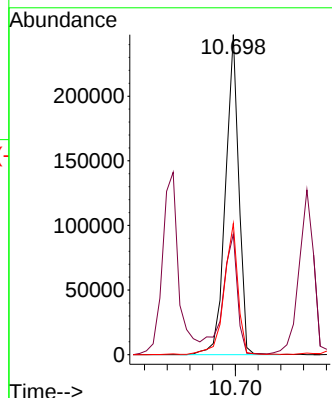
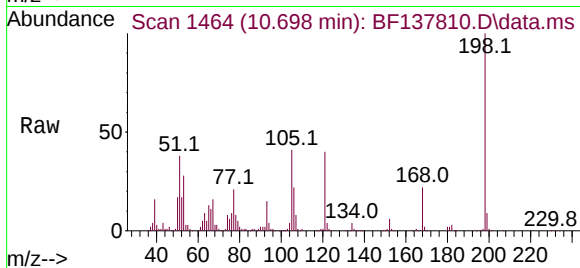
PB160643BS

Tgt Ion:198 Resp: 201783
Ion Ratio Lower Upper
198 100
51 37.7 25.1 65.1
105 40.9 24.1 64.1

Manual Integrations

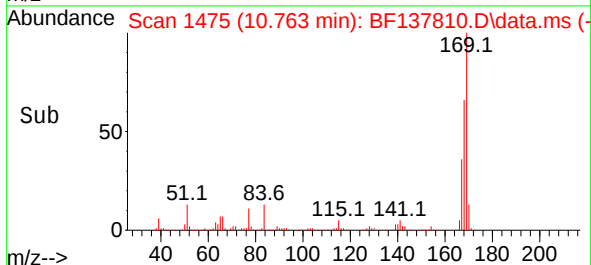
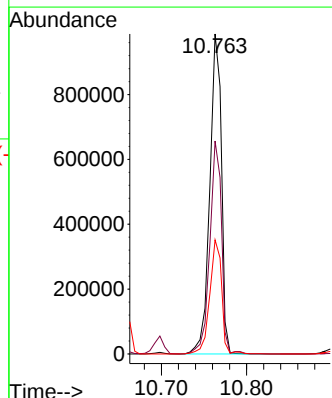
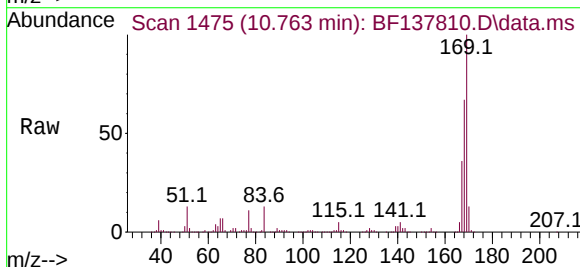
APPROVED

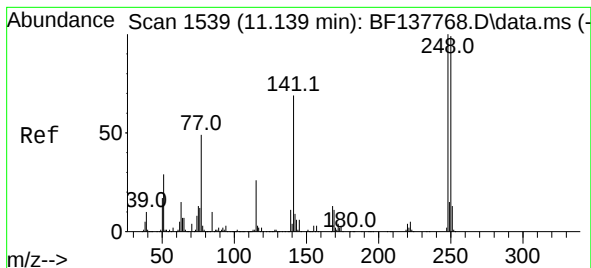
Reviewed By :Yogesh Patel 05/03/2024
Supervised By :mohammad ahmed 05/03/2024



#66
n-Nitrosodiphenylamine
Concen: 46.843 ng
RT: 10.763 min Scan# 1475
Delta R.T. 0.000 min
Lab File: BF137810.D
Acq: 02 May 2024 12:09

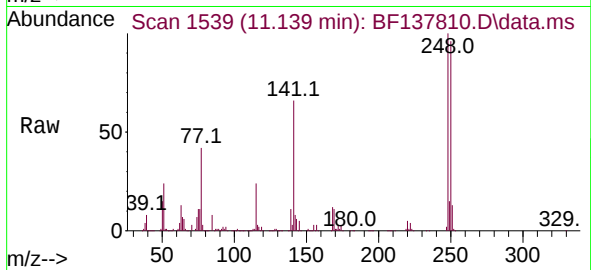
Tgt Ion:169 Resp: 936403
Ion Ratio Lower Upper
169 100
168 66.6 53.3 79.9
167 35.7 29.2 43.8





#67
4-Bromophenyl-phenylether
Concen: 45.670 ng
RT: 11.139 min Scan# 1539
Delta R.T. 0.000 min
Lab File: BF137810.D
Acq: 02 May 2024 12:09

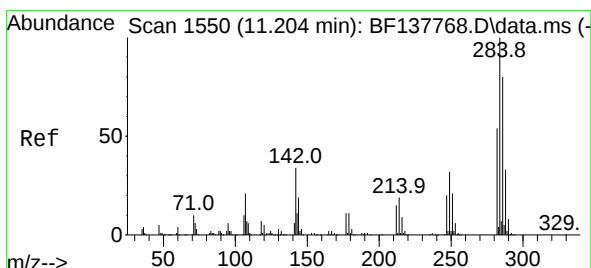
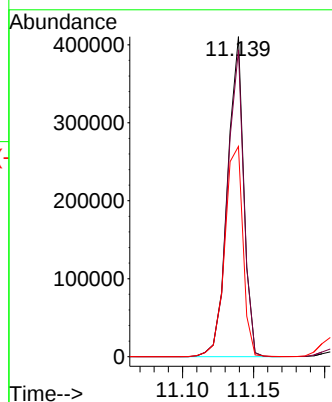
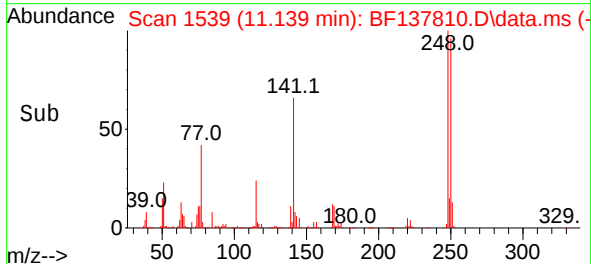
Instrument :
BNA_F
ClientSampleId :
PB160643BS



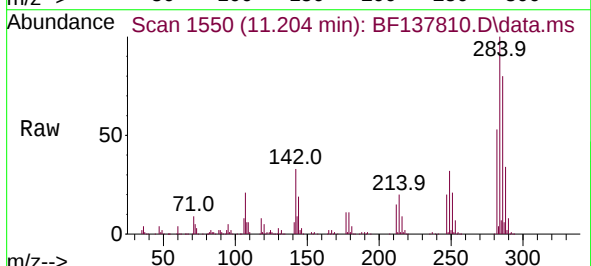
Tgt Ion:248 Resp: 32640
Ion Ratio Lower Upper
248 100
250 95.9 79.1 118.7
141 65.7 55.4 83.2

Manual Integrations
APPROVED

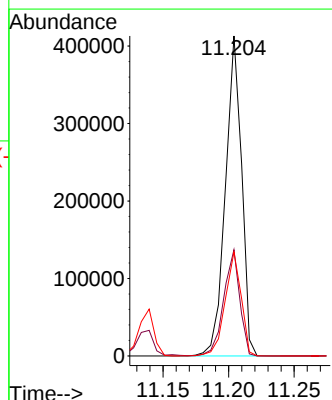
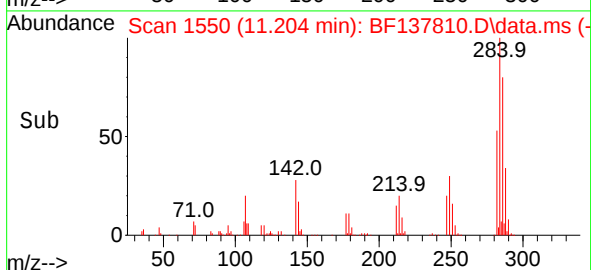
Reviewed By :Yogesh Patel 05/03/2024
Supervised By :mohammad ahmed 05/03/2024

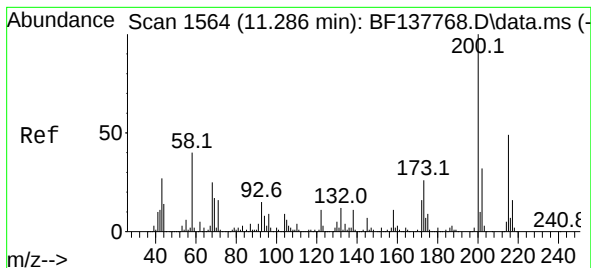


#68
Hexachlorobenzene
Concen: 45.254 ng
RT: 11.204 min Scan# 1550
Delta R.T. 0.000 min
Lab File: BF137810.D
Acq: 02 May 2024 12:09



Tgt Ion:284 Resp: 353446
Ion Ratio Lower Upper
284 100
142 33.2 27.3 40.9
249 32.5 25.6 38.4





#69

Atrazine

Concen: 50.367 ng

RT: 11.286 min Scan# 1564

Delta R.T. 0.000 min

Lab File: BF137810.D

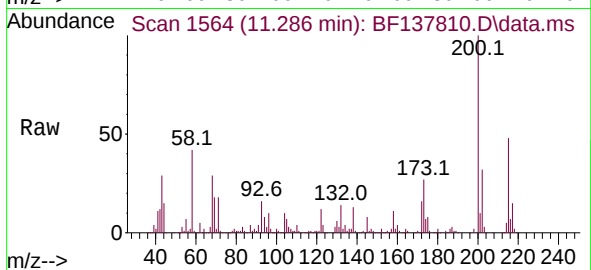
Acq: 02 May 2024 12:09

Instrument :

BNA_F

ClientSampleId :

PB160643BS



Tgt Ion:200 Resp: 307000

Ion Ratio Lower Upper

200 100

173 27.0 5.9 45.9

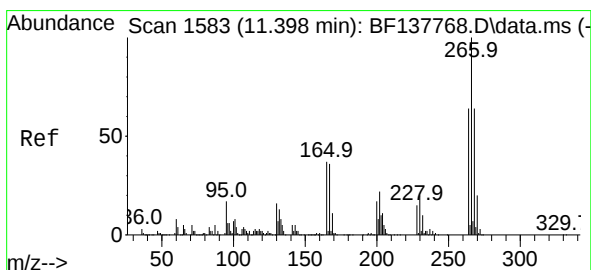
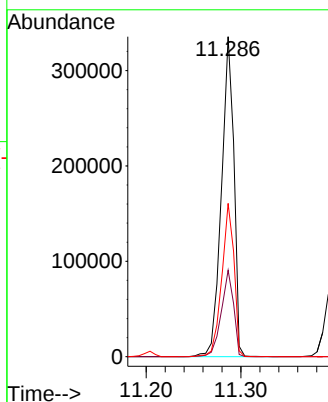
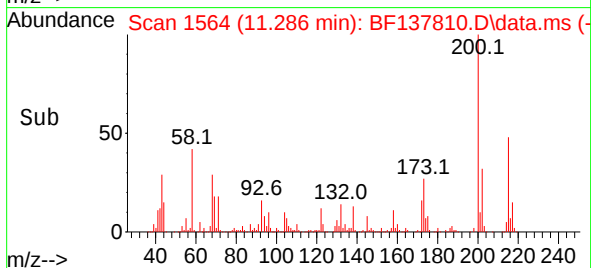
215 47.9 28.8 68.8

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 05/03/2024

Supervised By :mohammad ahmed 05/03/2024



#70

Pentachlorophenol

Concen: 87.694 ng

RT: 11.398 min Scan# 1583

Delta R.T. 0.000 min

Lab File: BF137810.D

Acq: 02 May 2024 12:09

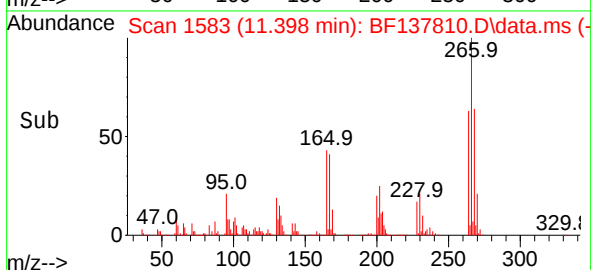
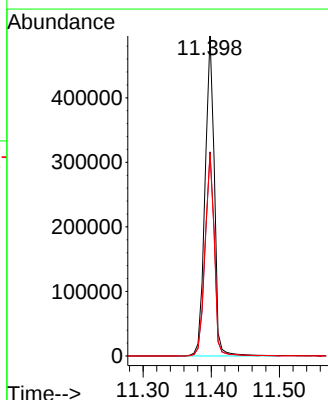
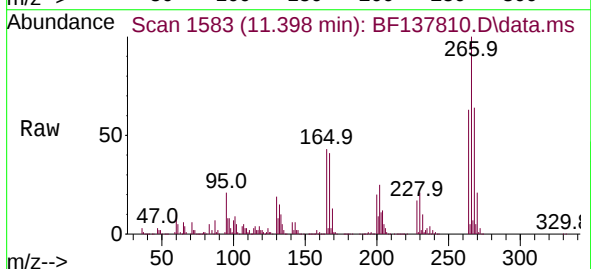
Tgt Ion:266 Resp: 470231

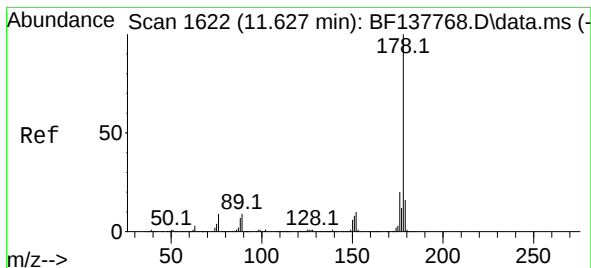
Ion Ratio Lower Upper

266 100

268 63.8 51.3 76.9

264 63.2 51.0 76.4





#71
Phenanthrene
Concen: 47.001 ng
RT: 11.628 min Scan# 1622
Delta R.T. 0.000 min
Lab File: BF137810.D
Acq: 02 May 2024 12:09

Instrument :

BNA_F

ClientSampleId :

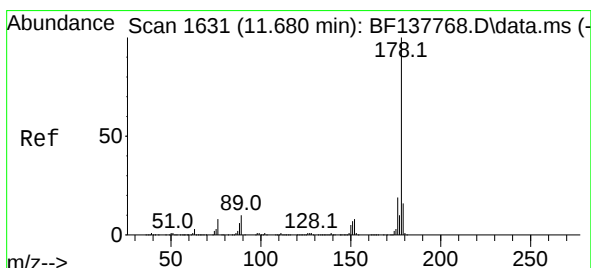
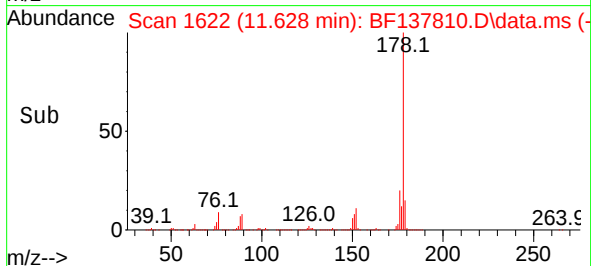
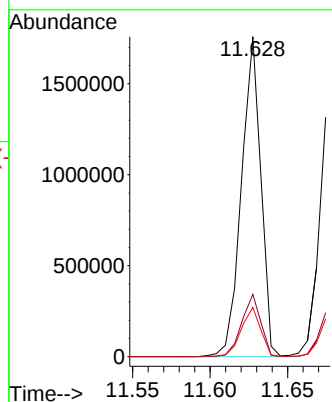
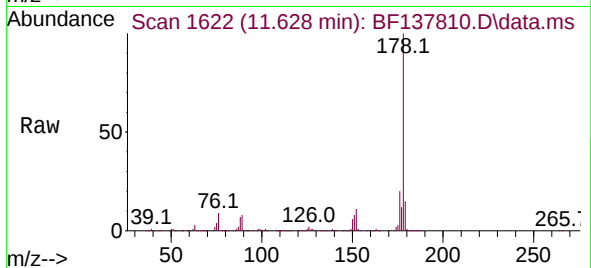
PB160643BS

Tgt Ion:178 Resp: 152989
Ion Ratio Lower Upper
178 100
176 19.5 15.8 23.6
179 15.4 12.5 18.7

Manual Integrations

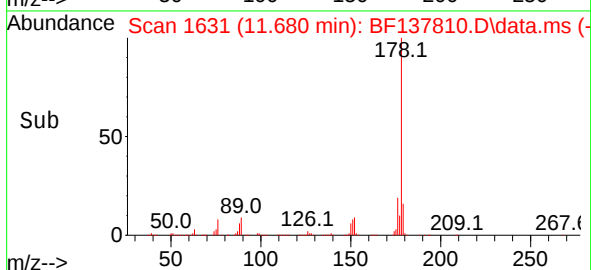
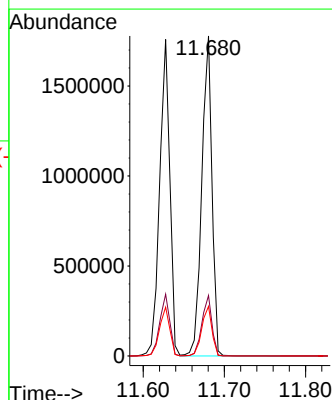
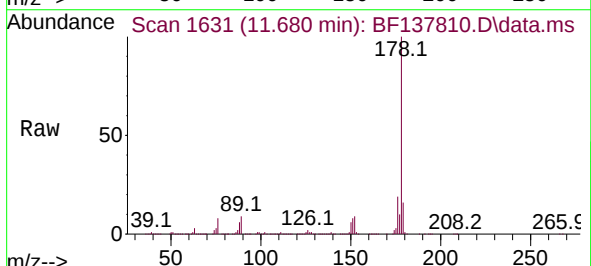
APPROVED

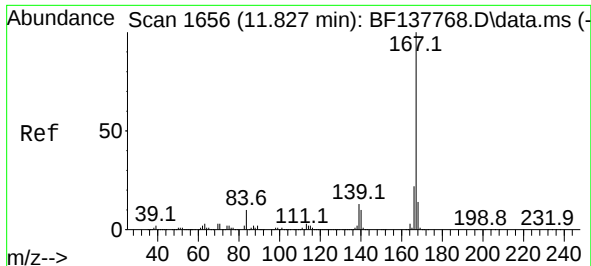
Reviewed By :Yogesh Patel 05/03/2024
Supervised By :mohammad ahmed 05/03/2024



#72
Anthracene
Concen: 47.913 ng
RT: 11.680 min Scan# 1631
Delta R.T. 0.000 min
Lab File: BF137810.D
Acq: 02 May 2024 12:09

Tgt Ion:178 Resp: 1551782
Ion Ratio Lower Upper
178 100
176 18.9 15.2 22.8
179 15.5 12.6 18.8





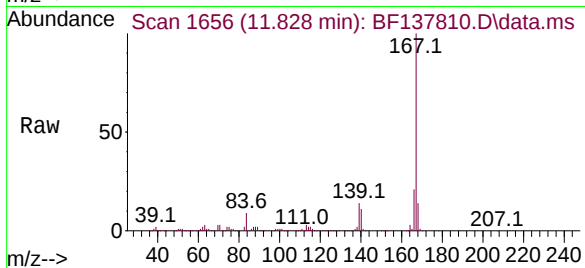
#73
 Carbazole
 Concen: 45.656 ng
 RT: 11.828 min Scan# 1656
 Delta R.T. 0.000 min
 Lab File: BF137810.D
 Acq: 02 May 2024 12:09

Instrument :

BNA_F

ClientSampleId :

PB160643BS



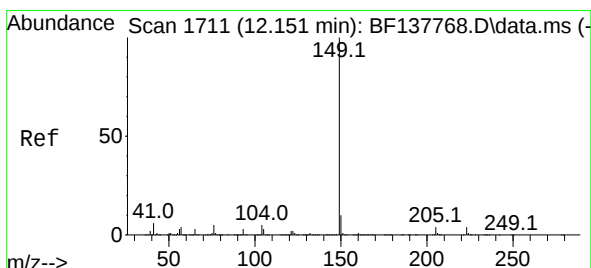
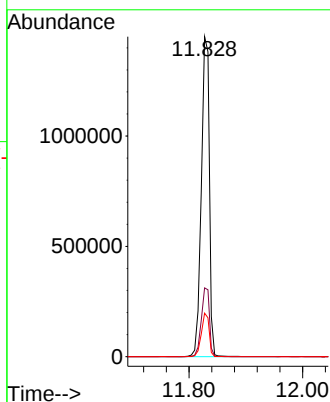
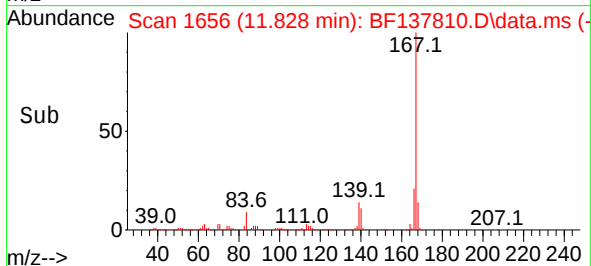
Tgt Ion:167 Resp: 142506
 Ion Ratio Lower Upper
 167 100
 166 21.5 17.6 26.4
 139 13.6 10.5 15.7

Manual Integrations

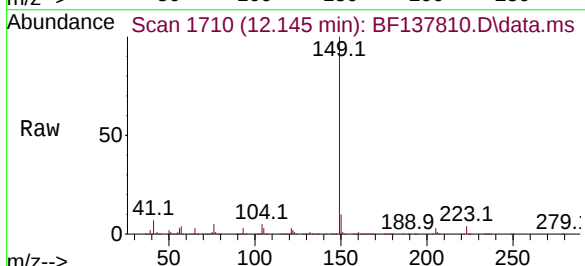
APPROVED

Reviewed By :Yogesh Patel 05/03/2024

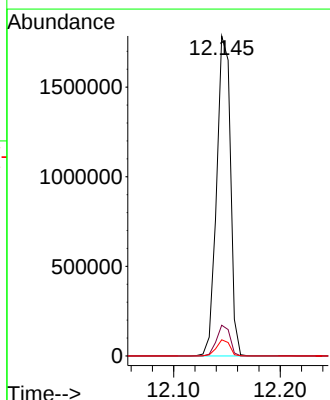
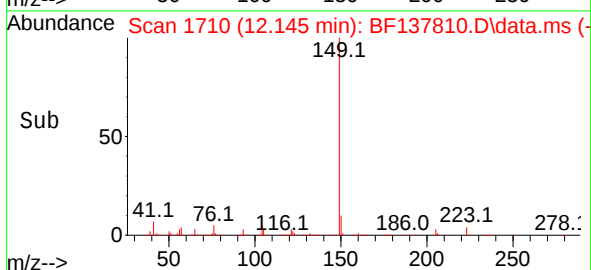
Supervised By :mohammad ahmed 05/03/2024

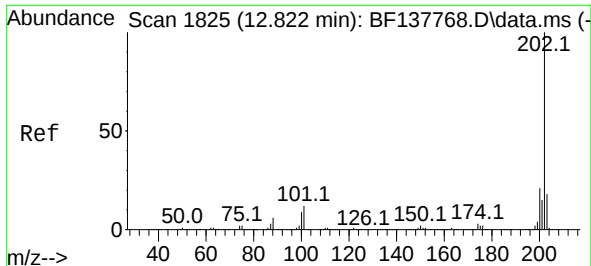


#74
 Di-n-butylphthalate
 Concen: 46.986 ng
 RT: 12.145 min Scan# 1710
 Delta R.T. -0.006 min
 Lab File: BF137810.D
 Acq: 02 May 2024 12:09



Tgt Ion:149 Resp: 1599829
 Ion Ratio Lower Upper
 149 100
 150 9.6 7.7 11.5
 104 5.1 3.8 5.8





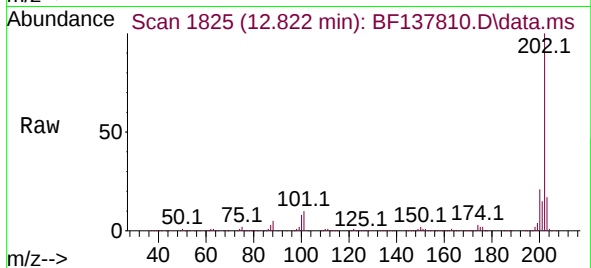
#75
Fluoranthene
Concen: 44.486 ng
RT: 12.822 min Scan# 1825
Delta R.T. 0.000 min
Lab File: BF137810.D
Acq: 02 May 2024 12:09

Instrument :

BNA_F

ClientSampleId :

PB160643BS



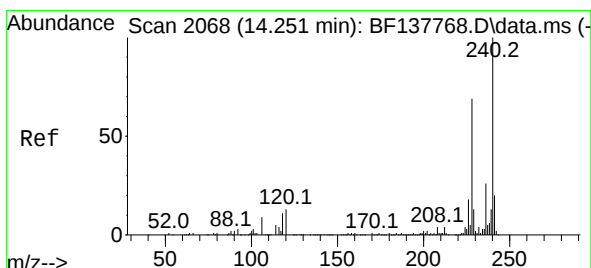
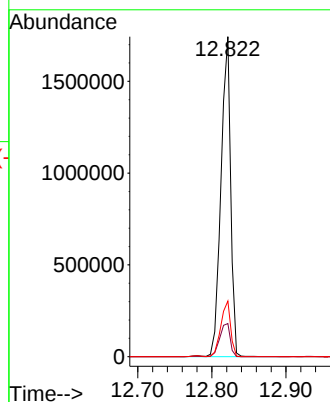
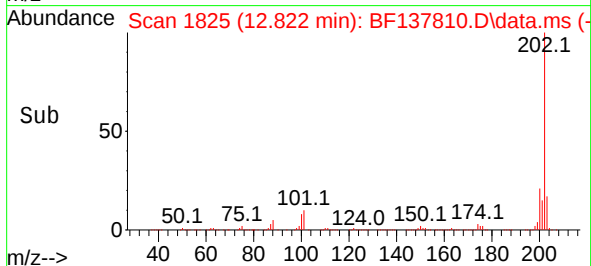
Tgt Ion:202 Resp: 1582870
Ion Ratio Lower Upper
202 100
101 10.3 0.0 31.8
203 17.4 0.0 37.8

Manual Integrations

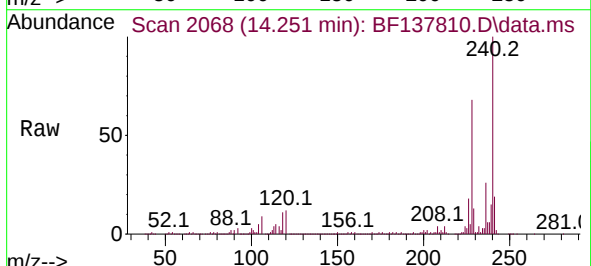
APPROVED

Reviewed By :Yogesh Patel 05/03/2024

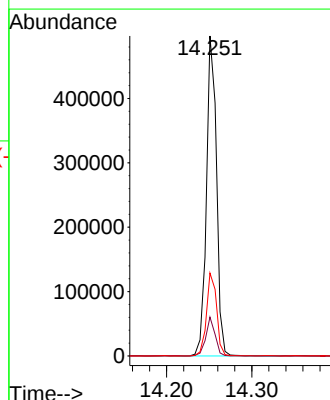
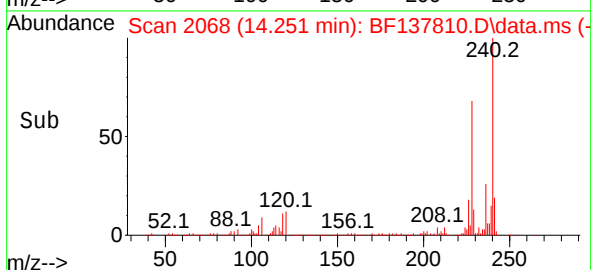
Supervised By :mohammad ahmed 05/03/2024

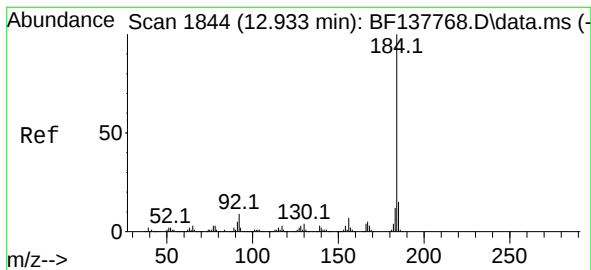


#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.251 min Scan# 2068
Delta R.T. 0.000 min
Lab File: BF137810.D
Acq: 02 May 2024 12:09



Tgt Ion:240 Resp: 406708
Ion Ratio Lower Upper
240 100
120 12.2 10.4 15.6
236 25.9 20.4 30.6





#77

Benzidine

Concen: 28.118 ng

RT: 12.933 min Scan# 1844

Delta R.T. 0.000 min

Lab File: BF137810.D

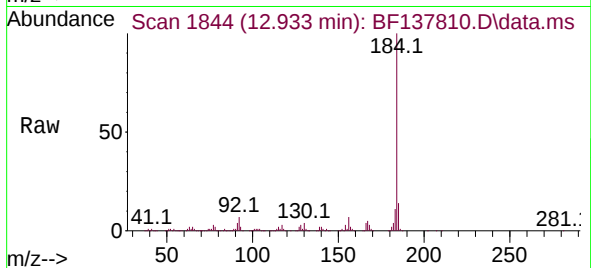
Acq: 02 May 2024 12:09

Instrument :

BNA_F

ClientSampleId :

PB160643BS



Tgt Ion:184 Resp: 264480

Ion Ratio Lower Upper

184 100

185 14.3 12.3 18.5

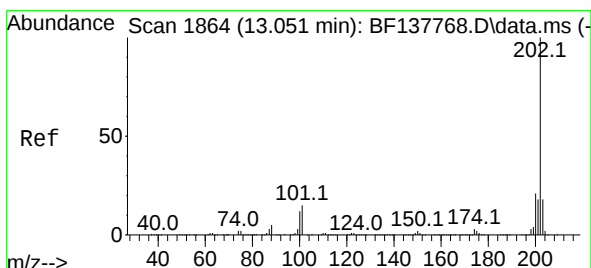
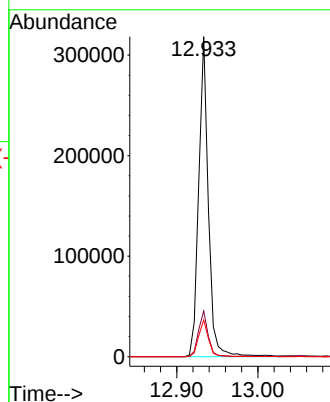
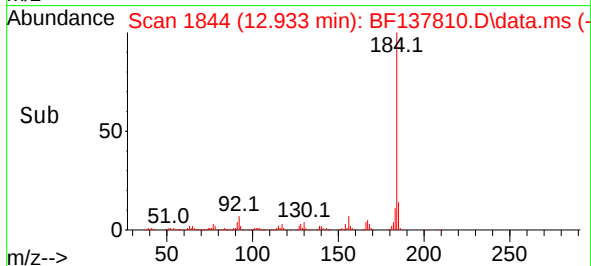
183 11.5 9.2 13.8

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 05/03/2024

Supervised By :mohammad ahmed 05/03/2024



#78

Pyrene

Concen: 49.045 ng

RT: 13.051 min Scan# 1864

Delta R.T. 0.000 min

Lab File: BF137810.D

Acq: 02 May 2024 12:09

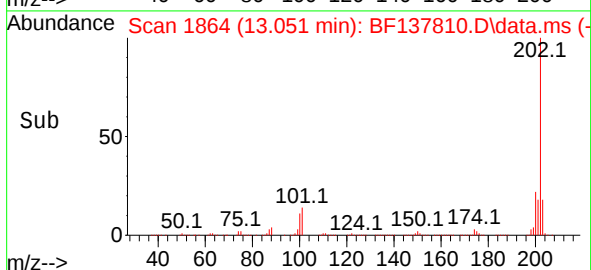
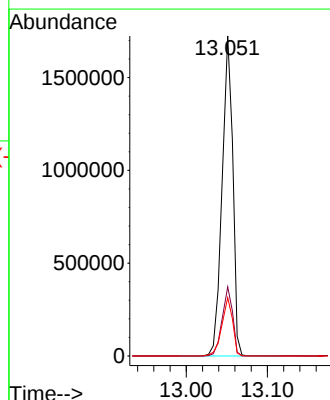
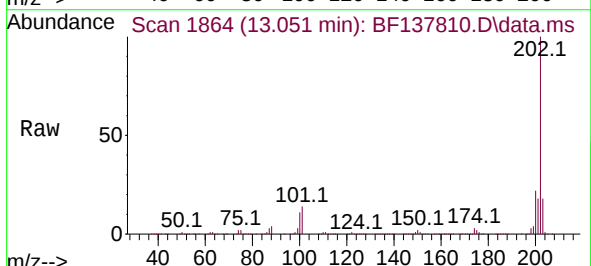
Tgt Ion:202 Resp: 1581552

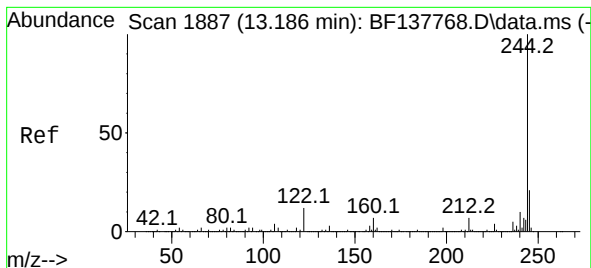
Ion Ratio Lower Upper

202 100

200 21.6 17.2 25.8

203 18.2 14.4 21.6





#79

Terphenyl-d14

Concen: 96.857 ng

RT: 13.186 min Scan# 11

Delta R.T. 0.000 min

Lab File: BF137810.D

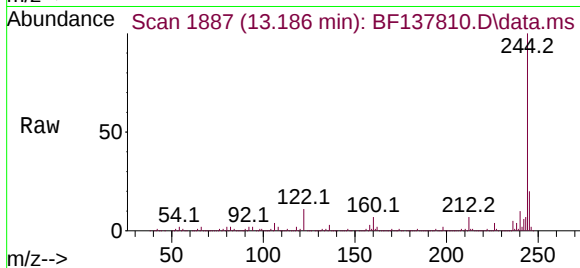
Acq: 02 May 2024 12:09

Instrument :

BNA_F

ClientSampleId :

PB160643BS



Tgt Ion:244 Resp: 2350580

Ion Ratio Lower Upper

244 100

212 7.0 5.5 8.3

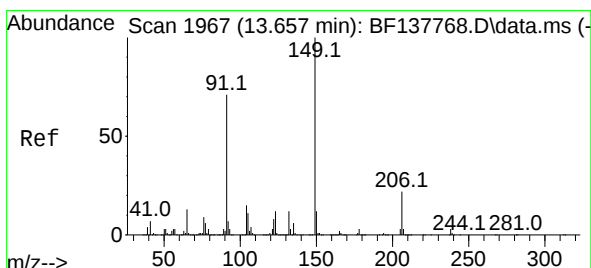
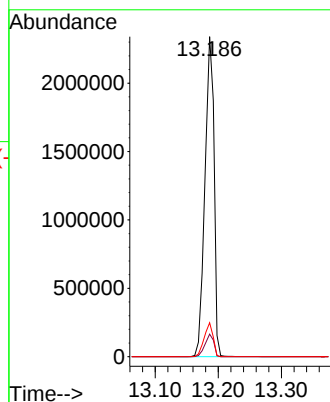
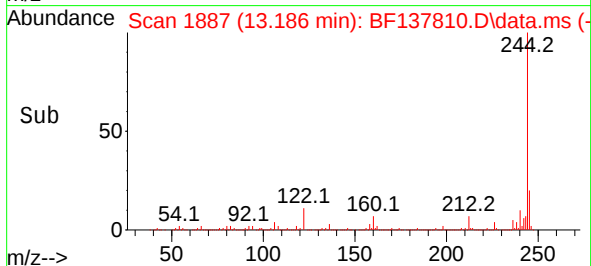
122 10.6 9.4 14.2

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 05/03/2024

Supervised By :mohammad ahmed 05/03/2024



#80

Butylbenzylphthalate

Concen: 57.906 ng

RT: 13.657 min Scan# 1967

Delta R.T. 0.000 min

Lab File: BF137810.D

Acq: 02 May 2024 12:09

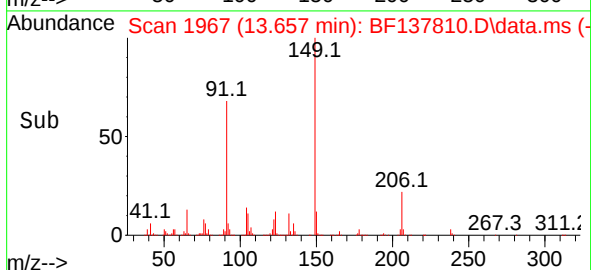
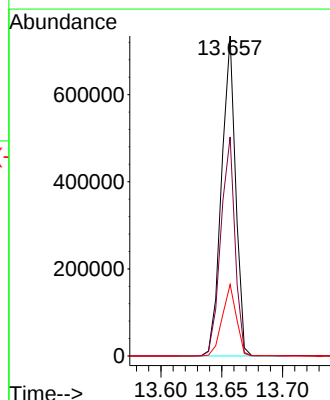
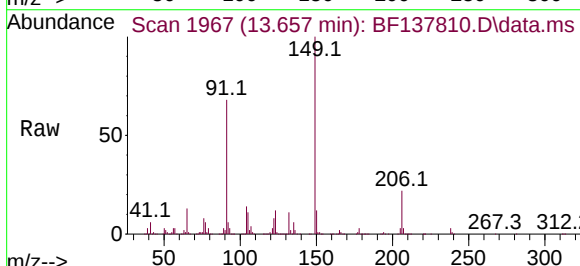
Tgt Ion:149 Resp: 592463

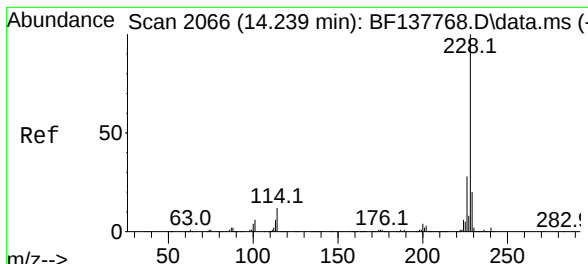
Ion Ratio Lower Upper

149 100

91 68.5 56.8 85.2

206 22.3 17.8 26.8





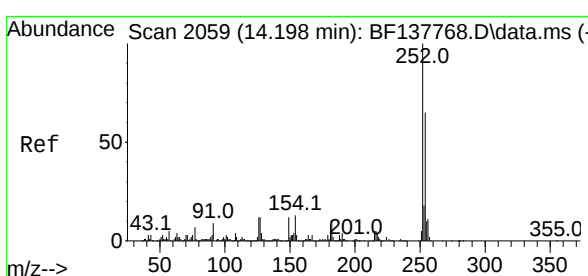
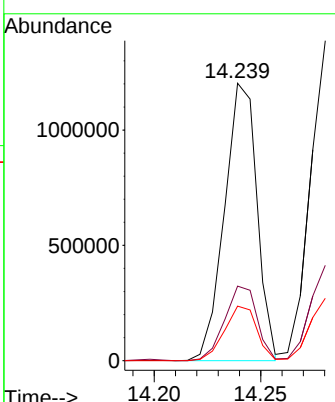
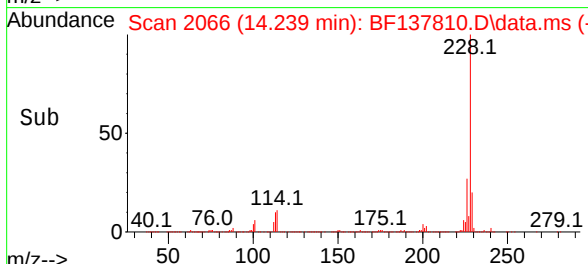
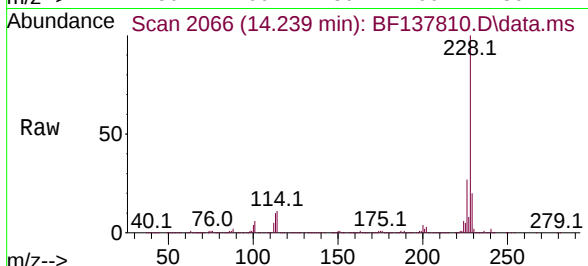
#81
 Benzo(a)anthracene
 Concen: 49.085 ng
 RT: 14.239 min Scan# 2066
 Delta R.T. 0.000 min
 Lab File: BF137810.D
 Acq: 02 May 2024 12:09

Instrument : BNA_F
 ClientSampleId : PB160643BS

Tgt Ion:228 Resp: 1276838

Ion	Ratio	Lower	Upper
228	100		
226	26.9	22.2	33.2
229	19.7	16.3	24.5

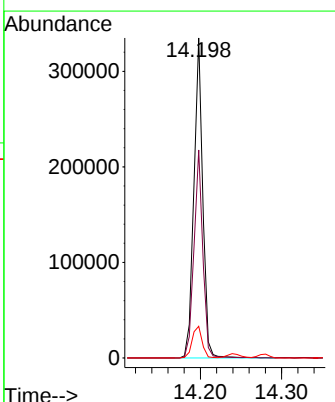
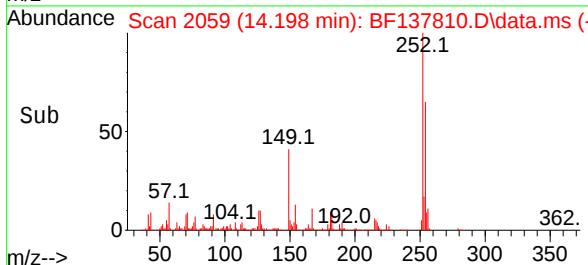
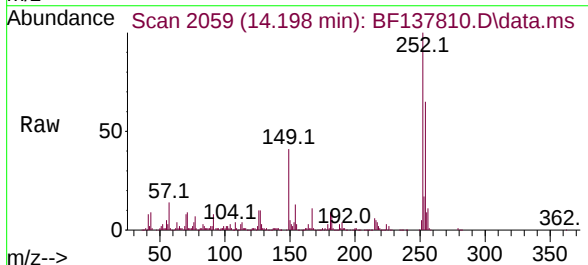
Manual Integrations
APPROVED
 Reviewed By :Yogesh Patel 05/03/2024
 Supervised By :mohammad ahmed 05/03/2024

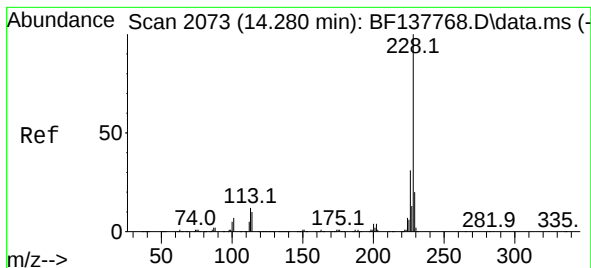


#82
 3,3'-Dichlorobenzidine
 Concen: 32.924 ng
 RT: 14.198 min Scan# 2059
 Delta R.T. 0.000 min
 Lab File: BF137810.D
 Acq: 02 May 2024 12:09

Tgt Ion:252 Resp: 256389

Ion	Ratio	Lower	Upper
252	100		
254	65.0	51.7	77.5
126	9.9	9.7	14.5





#83

Chrysene

Concen: 48.030 ng

RT: 14.280 min Scan# 2073

Delta R.T. 0.000 min

Lab File: BF137810.D

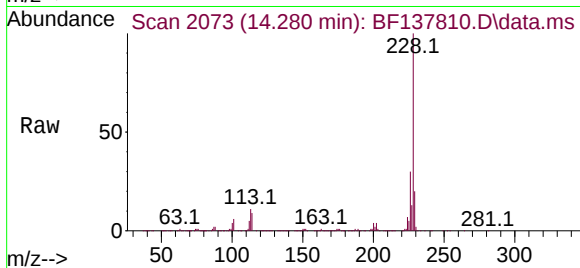
Acq: 02 May 2024 12:09

Instrument :

BNA_F

ClientSampleId :

PB160643BS



Tgt Ion:228 Resp: 116984

Ion Ratio Lower Upper

228 100

226 29.8 24.8 37.2

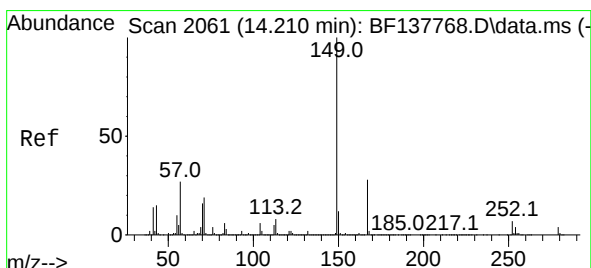
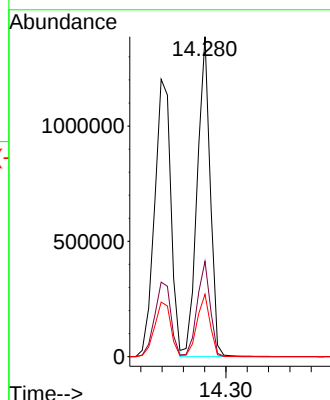
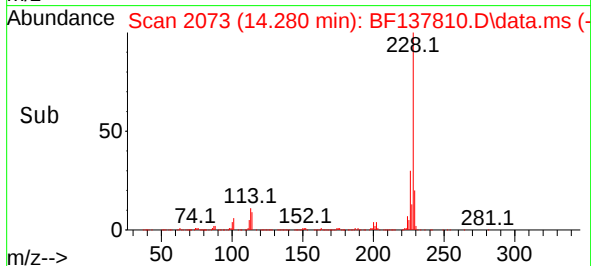
229 19.5 16.0 24.0

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 05/03/2024

Supervised By :mohammad ahmed 05/03/2024



#84

Bis(2-ethylhexyl)phthalate

Concen: 60.769 ng

RT: 14.210 min Scan# 2061

Delta R.T. 0.000 min

Lab File: BF137810.D

Acq: 02 May 2024 12:09

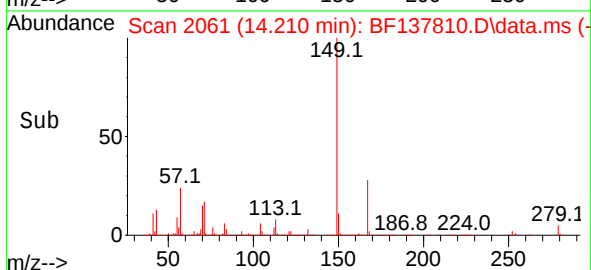
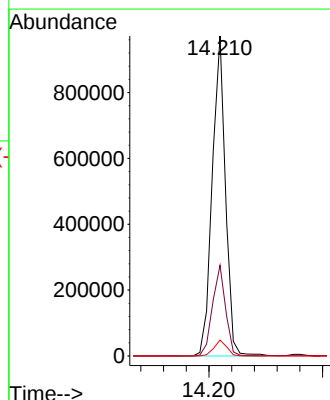
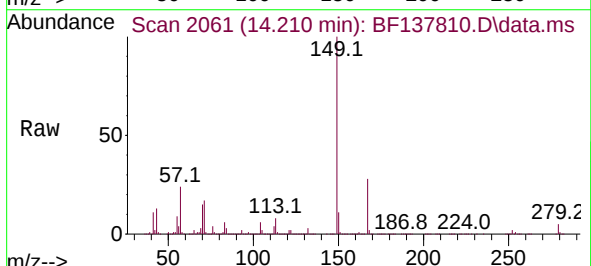
Tgt Ion:149 Resp: 783585

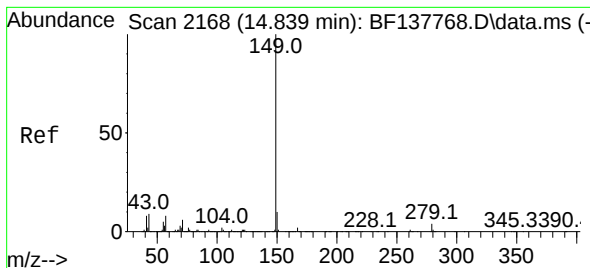
Ion Ratio Lower Upper

149 100

167 28.4 22.4 33.6

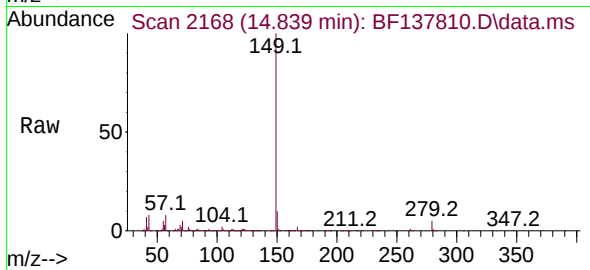
279 4.9 3.6 5.4





#85
Di-n-octyl phthalate
Concen: 65.143 ng
RT: 14.839 min Scan# 2168
Delta R.T. 0.000 min
Lab File: BF137810.D
Acq: 02 May 2024 12:09

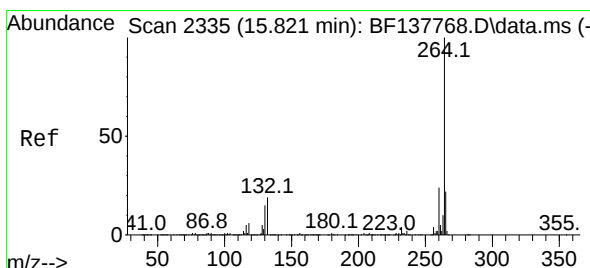
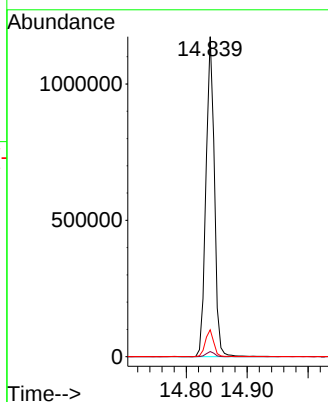
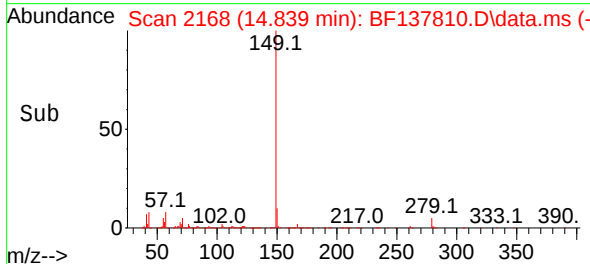
Instrument :
BNA_F
ClientSampleId :
PB160643BS



Tgt Ion:149 Resp: 113046
Ion Ratio Lower Upper
149 100
167 1.6 1.3 1.9
43 8.3 7.5 11.3

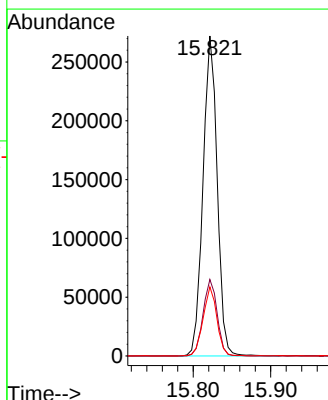
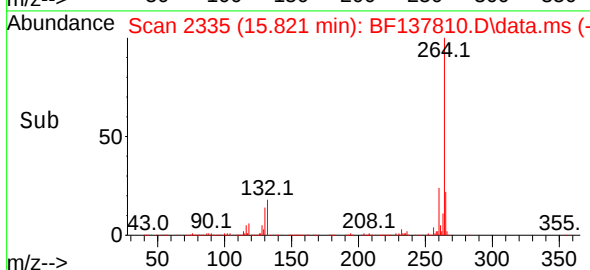
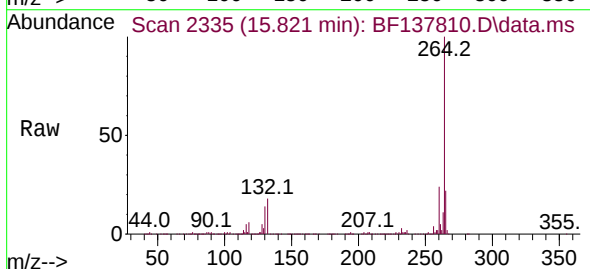
Manual Integrations
APPROVED

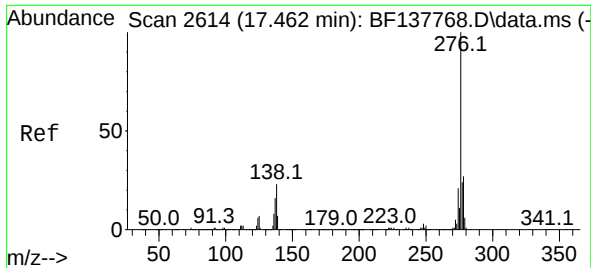
Reviewed By :Yogesh Patel 05/03/2024
Supervised By :mohammad ahmed 05/03/2024



#86
Perylene-d12
Concen: 20.000 ng
RT: 15.821 min Scan# 2335
Delta R.T. 0.000 min
Lab File: BF137810.D
Acq: 02 May 2024 12:09

Tgt Ion:264 Resp: 346153
Ion Ratio Lower Upper
264 100
260 23.9 18.9 28.3
265 21.6 17.4 26.0





#87
Indeno(1,2,3-cd)pyrene
Concen: 52.349 ng
RT: 17.468 min Scan# 20
Delta R.T. 0.006 min
Lab File: BF137810.D
Acq: 02 May 2024 12:09

Instrument :

BNA_F

ClientSampleId :

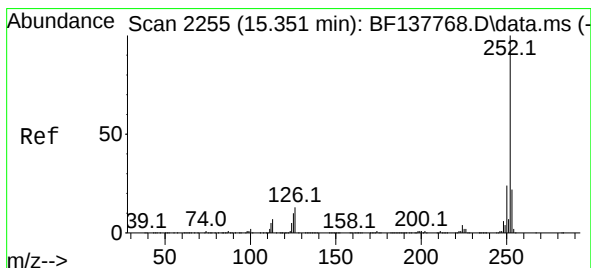
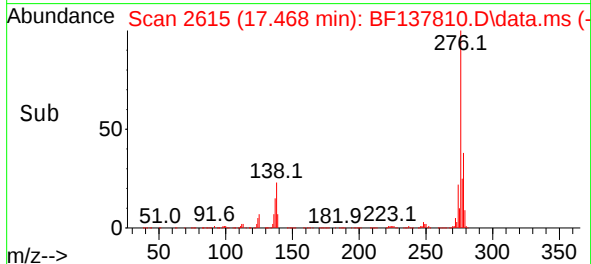
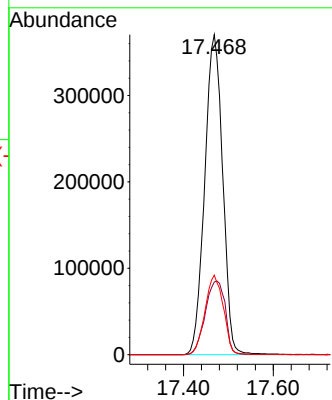
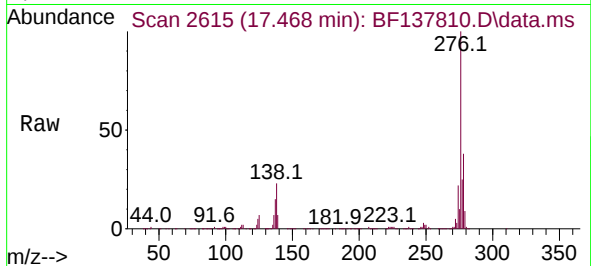
PB160643BS

Tgt Ion:276 Resp: 1030229
Ion Ratio Lower Upper
276 100
138 25.6 21.4 32.0
277 25.3 20.1 30.1

Manual Integrations

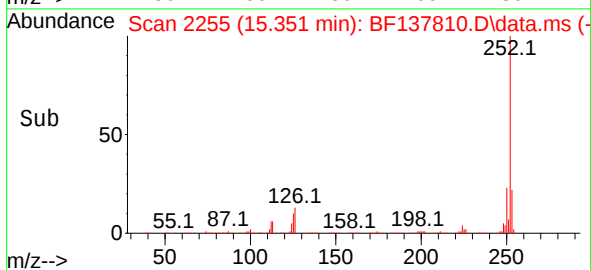
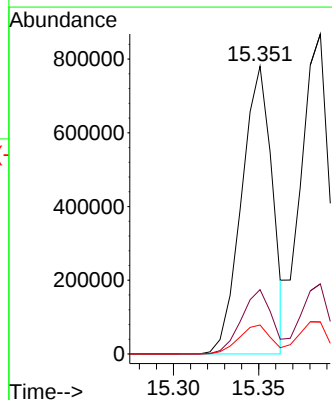
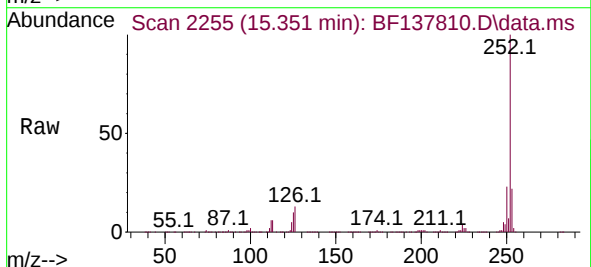
APPROVED

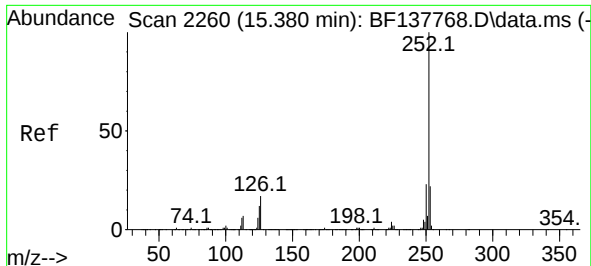
Reviewed By :Yogesh Patel 05/03/2024
Supervised By :mohammad ahmed 05/03/2024



#88
Benzo(b)fluoranthene
Concen: 45.558 ng
RT: 15.351 min Scan# 2255
Delta R.T. 0.000 min
Lab File: BF137810.D
Acq: 02 May 2024 12:09

Tgt Ion:252 Resp: 981164
Ion Ratio Lower Upper
252 100
253 22.3 17.5 26.3
125 10.1 7.9 11.9





#89

Benzo(k)fluoranthene

Concen: 47.759 ng

RT: 15.386 min Scan# 21

Delta R.T. 0.006 min

Lab File: BF137810.D

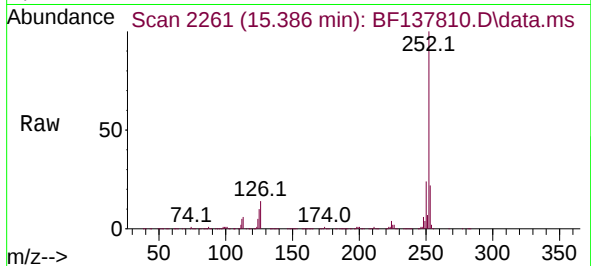
Acq: 02 May 2024 12:09

Instrument :

BNA_F

ClientSampleId :

PB160643BS



Tgt Ion:252 Resp: 994152

Ion Ratio Lower Upper

252 100

253 21.9 17.5 26.3

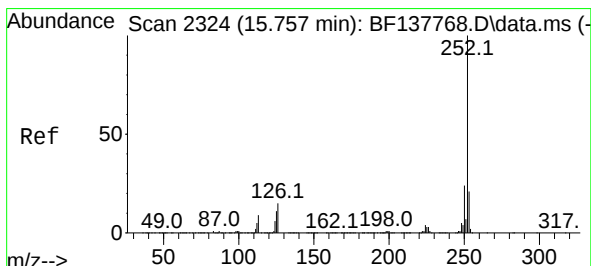
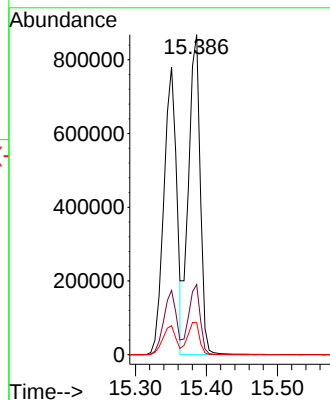
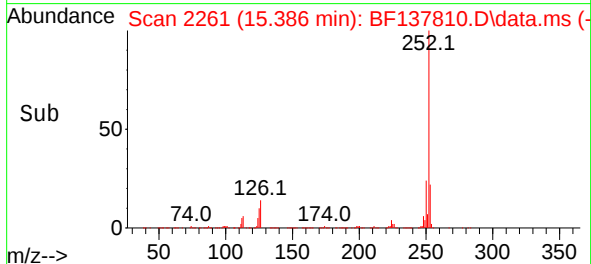
125 10.0 9.0 13.4

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 05/03/2024

Supervised By :mohammad ahmed 05/03/2024



#90

Benzo(a)pyrene

Concen: 50.647 ng

RT: 15.757 min Scan# 2324

Delta R.T. 0.000 min

Lab File: BF137810.D

Acq: 02 May 2024 12:09

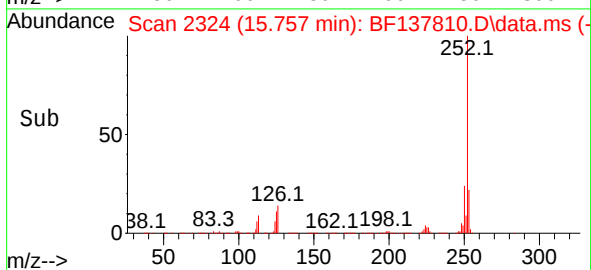
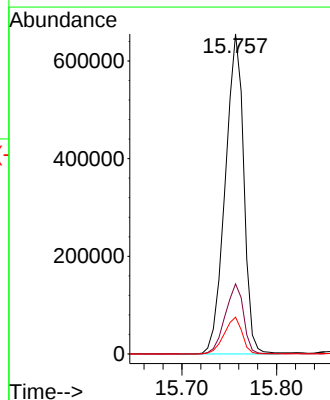
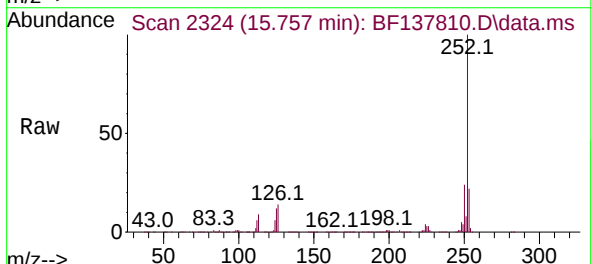
Tgt Ion:252 Resp: 889884

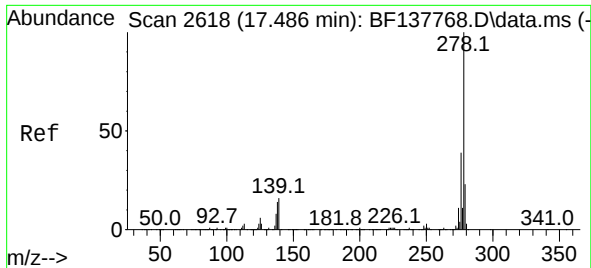
Ion Ratio Lower Upper

252 100

253 21.9 17.1 25.7

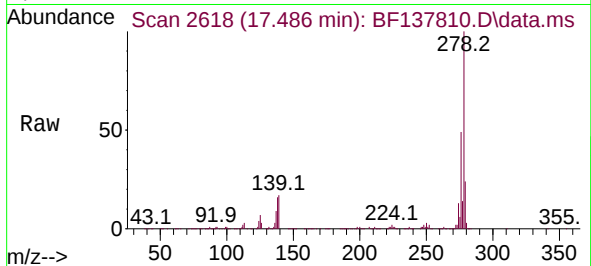
125 11.5 9.0 13.6





#91
Dibenzo(a,h)anthracene
Concen: 51.718 ng
RT: 17.486 min Scan# 2700
Delta R.T. 0.000 min
Lab File: BF137810.D
Acq: 02 May 2024 12:09

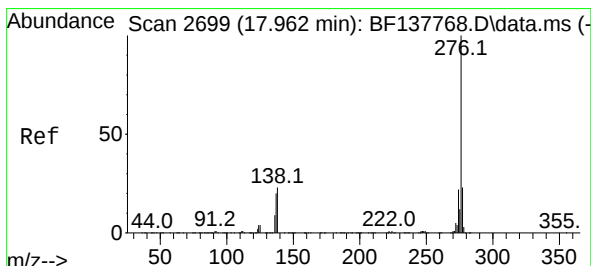
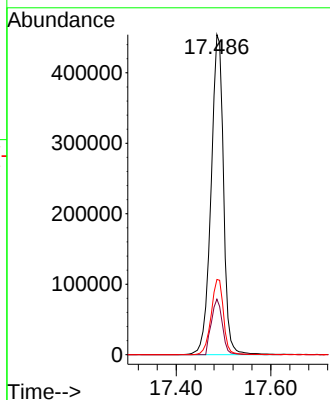
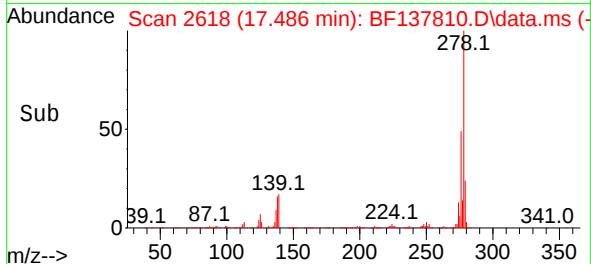
Instrument :
BNA_F
ClientSampleId :
PB160643BS



Tgt Ion:278 Resp: 828460
Ion Ratio Lower Upper
278 100
139 17.3 13.0 19.6
279 23.5 18.7 28.1

Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 05/03/2024
Supervised By :mohammad ahmed 05/03/2024



#92
Benzo(g,h,i)perylene
Concen: 46.705 ng
RT: 17.968 min Scan# 2700
Delta R.T. 0.006 min
Lab File: BF137810.D
Acq: 02 May 2024 12:09

Tgt Ion:276 Resp: 784302
Ion Ratio Lower Upper
276 100
277 24.2 18.0 27.0
138 22.1 18.1 27.1

