

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF080624\
 Data File : BF138810.D
 Acq On : 06 Aug 2024 15:29
 Operator : RC/JU
 Sample : PB162320BS
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB162320BS

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 08/07/2024
 Supervised By :mohammad ahmed 08/08/2024

Quant Time: Aug 06 16:04:42 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF073024.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Jul 30 17:50:01 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.839	152	51264	20.000	ng	0.00
21) Naphthalene-d8	8.128	136	218712	20.000	ng	0.00
39) Acenaphthene-d10	9.880	164	122436	20.000	ng	0.00
64) Phenanthrene-d10	11.369	188	214350	20.000	ng	0.00
76) Chrysene-d12	14.004	240	103075	20.000	ng	0.00
86) Perylene-d12	15.462	264	95989	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.487	112	438574	132.063	ng	0.02
7) Phenol-d6	6.492	99	577208	129.456	ng	0.00
23) Nitrobenzene-d5	7.410	82	374455	83.706	ng	0.00
42) 2,4,6-Tribromophenol	10.675	330	143546	143.129	ng	0.00
45) 2-Fluorobiphenyl	9.198	172	709157	87.026	ng	0.00
79) Terphenyl-d14	12.945	244	704748	114.474	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	2.716	88	46133	31.730	ng	96
3) Pyridine	3.463	79	120388	34.181	ng	95
4) n-Nitrosodimethylamine	3.428	42	98754	47.078	ng	92
6) Aniline	6.510	93	135512	34.079	ng	# 23
8) 2-Chlorophenol	6.634	128	172259	49.301	ng	96
9) Benzaldehyde	6.398	77	122431	45.806	ng	99
10) Phenol	6.510	94	222487	47.393	ng	87
11) bis(2-Chloroethyl)ether	6.581	93	160238	44.356	ng	99
12) 1,3-Dichlorobenzene	6.781	146	174612	44.645	ng	99
13) 1,4-Dichlorobenzene	6.857	146	178145	45.134	ng	98
14) 1,2-Dichlorobenzene	7.010	146	170884	46.325	ng	100
15) Benzyl Alcohol	6.992	79	162833	50.670	ng	99
16) 2,2'-oxybis(1-Chloropr...	7.116	45	256553	41.266	ng	59
17) 2-Methylphenol	7.110	107	139899	48.489	ng	# 88
18) Hexachloroethane	7.351	117	67168	45.208	ng	98
19) n-Nitroso-di-n-propyla...	7.263	70	131961	49.002	ng	98
20) 3+4-Methylphenols	7.263	107	185593	50.136	ng	# 81
22) Acetophenone	7.257	105	231458	43.222	ng	99
24) Nitrobenzene	7.434	77	193620	42.535	ng	97
25) Isophorone	7.669	82	345861	45.278	ng	99
26) 2-Nitrophenol	7.745	139	92041	46.997	ng	97
27) 2,4-Dimethylphenol	7.786	122	117310	50.064	ng	98
28) bis(2-Chloroethoxy)met...	7.875	93	202708	43.577	ng	99
29) 2,4-Dichlorophenol	7.992	162	145358	48.276	ng	99
30) 1,2,4-Trichlorobenzene	8.063	180	154235	44.387	ng	98
31) Naphthalene	8.145	128	510399	44.335	ng	100
32) Benzoic acid	7.945	122	75955	41.237	ng	98
33) 4-Chloroaniline	8.198	127	84841	21.954	ng	99
34) Hexachlorobutadiene	8.257	225	92276	43.844	ng	98
35) Caprolactam	8.592	113	39956m	44.473	ng	
36) 4-Chloro-3-methylphenol	8.692	107	165444	48.079	ng	99
37) 2-Methylnaphthalene	8.839	142	339333	46.672	ng	99
38) 1-Methylnaphthalene	8.933	142	309248	43.406	ng	98
40) 1,2,4,5-Tetrachloroben...	9.004	216	145154	42.678	ng	99
41) Hexachlorocyclopentadiene	8.986	237	107684	116.169	ng	100
43) 2,4,6-Trichlorophenol	9.122	196	96191	46.386	ng	99

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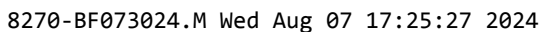
Quant Time: Aug 06 16:04:42 2024
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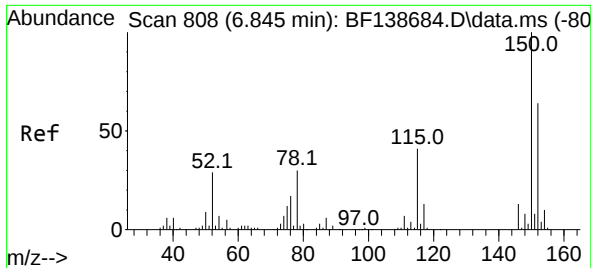
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.175	196	101662	44.844	ng	98
46) 1,1'-Biphenyl	9.304	154	403521	42.082	ng	99
47) 2-Chloronaphthalene	9.328	162	321117	45.027	ng	99
48) 2-Nitroaniline	9.433	65	110601	45.746	ng	97
49) Acenaphthylene	9.745	152	498330	49.267	ng	99
50) Dimethylphthalate	9.604	163	381287	48.704	ng	99
51) 2,6-Dinitrotoluene	9.675	165	82472	46.679	ng	97
52) Acenaphthene	9.916	154	307561	45.234	ng	99
53) 3-Nitroaniline	9.845	138	54466	29.820	ng	98
54) 2,4-Dinitrophenol	9.963	184	83621	102.815	ng	94
55) Dibenzofuran	10.086	168	455671	47.476	ng	99
56) 4-Nitrophenol	10.028	139	96615	87.964	ng	97
57) 2,4-Dinitrotoluene	10.080	165	112998	50.129	ng	# 88
58) Fluorene	10.427	166	370008	48.410	ng	99
59) 2,3,4,6-Tetrachlorophenol	10.210	232	86745	50.050	ng	97
60) Diethylphthalate	10.304	149	379312	51.100	ng	99
61) 4-Chlorophenyl-phenyle...	10.416	204	176801	47.033	ng	95
62) 4-Nitroaniline	10.463	138	77757	44.798	ng	92
63) Azobenzene	10.580	77	383170	46.542	ng	98
65) 4,6-Dinitro-2-methylph...	10.492	198	63829	48.809	ng	98
66) n-Nitrosodiphenylamine	10.545	169	314453	46.932	ng	99
67) 4-Bromophenyl-phenylether	10.910	248	107014	46.112	ng	99
68) Hexachlorobenzene	10.974	284	110243	46.008	ng	99
69) Atrazine	11.069	200	94662	54.761	ng	99
70) Pentachlorophenol	11.180	266	90194	83.508	ng	99
71) Phenanthrene	11.392	178	520618	47.169	ng	100
72) Anthracene	11.445	178	528644	48.619	ng	100
73) Carbazole	11.604	167	444068	47.337	ng	99
74) Di-n-butylphthalate	11.921	149	573050	54.340	ng	100
75) Fluoranthene	12.580	202	489813	47.536	ng	99
77) Benzidine	12.698	184	38932	15.792	ng	98
78) Pyrene	12.810	202	481612	49.626	ng	100
80) Butylbenzylphthalate	13.416	149	162146	52.175	ng	98
81) Benzo(a)anthracene	13.992	228	342099	48.197	ng	99
82) 3,3'-Dichlorobenzidine	13.957	252	61900	34.078	ng	98
83) Chrysene	14.033	228	314801	49.159	ng	99
84) Bis(2-ethylhexyl)phtha...	13.968	149	199043	43.738	ng	99
85) Di-n-octyl phthalate	14.580	149	337367	40.069	ng	97
87) Indeno(1,2,3-cd)pyrene	16.945	276	326541	47.470	ng	97
88) Benzo(b)fluoranthene	15.039	252	312391	52.499	ng	98
89) Benzo(k)fluoranthene	15.068	252	247322	48.006	ng	99
90) Benzo(a)pyrene	15.404	252	256684	51.284	ng	98
91) Dibenzo(a,h)anthracene	16.951	278	271089	48.008	ng	98
92) Benzo(g,h,i)perylene	17.386	276	247859	42.300	ng	95

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

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#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.839 min Scan# 80
Delta R.T. -0.006 min
Lab File: BF138810.D
Acq: 06 Aug 2024 15:29

Instrument :

BNA_F

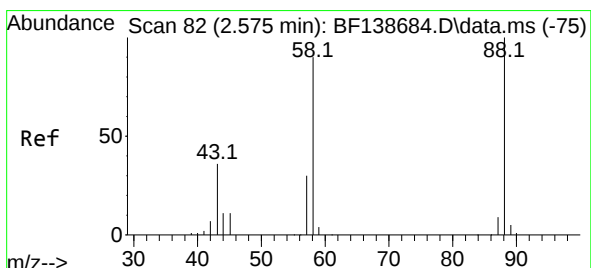
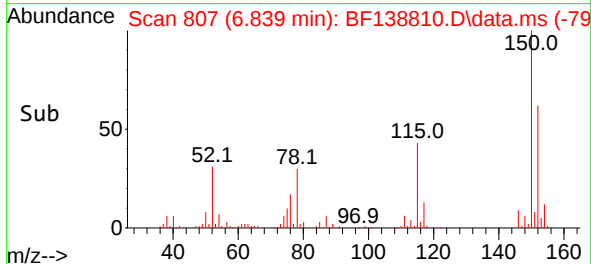
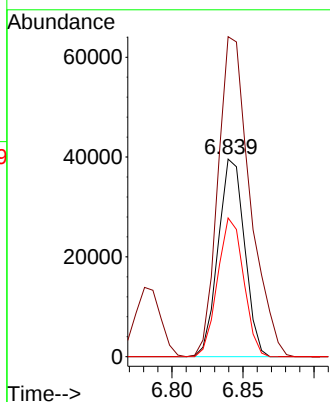
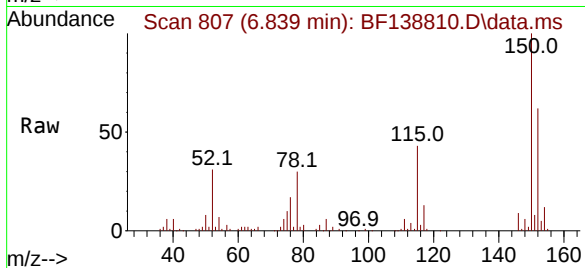
ClientSampleId :

PB162320BS

Tgt Ion:152 Resp: 51264
Ion Ratio Lower Upper
152 100
150 161.9 126.0 189.0
115 70.2 51.7 77.5

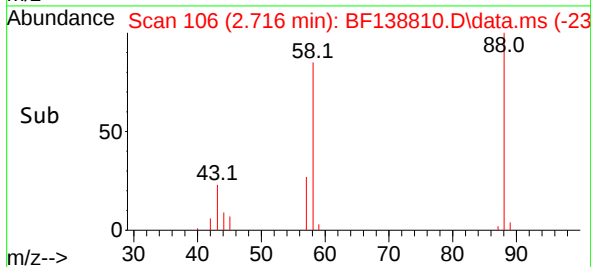
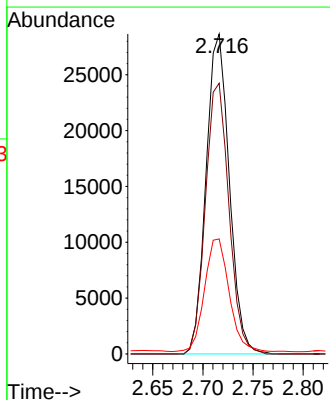
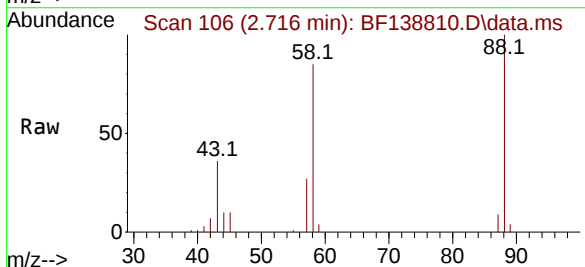
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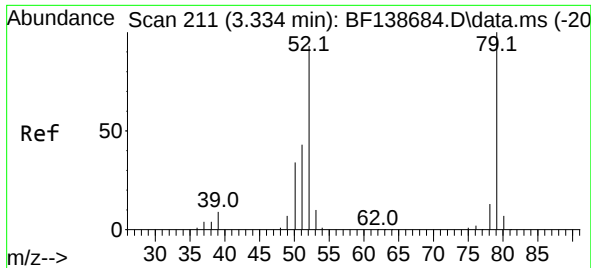
Reviewed By :Yogesh Patel 08/07/2024
Supervised By :mohammad ahmed 08/08/2024



#2
1,4-Dioxane
Concen: 31.730 ng
RT: 2.716 min Scan# 106
Delta R.T. 0.141 min
Lab File: BF138810.D
Acq: 06 Aug 2024 15:29

Tgt Ion: 88 Resp: 46133
Ion Ratio Lower Upper
88 100
58 85.8 71.6 107.4
43 37.5 28.7 43.1





#3

Pyridine

Concen: 34.181 ng

RT: 3.463 min Scan# 211

Delta R.T. 0.129 min

Lab File: BF138810.D

Acq: 06 Aug 2024 15:29

Instrument :

BNA_F

ClientSampleId :

PB162320BS

Tgt Ion: 79 Resp: 12038

Ion Ratio Lower Upper

79 100

52 88.8 74.7 112.1

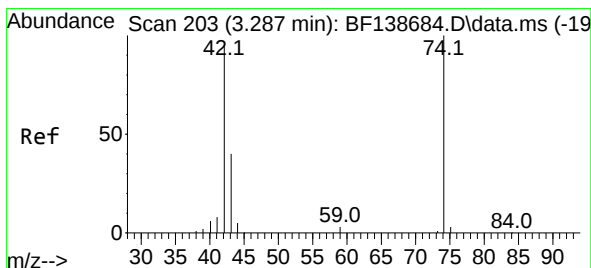
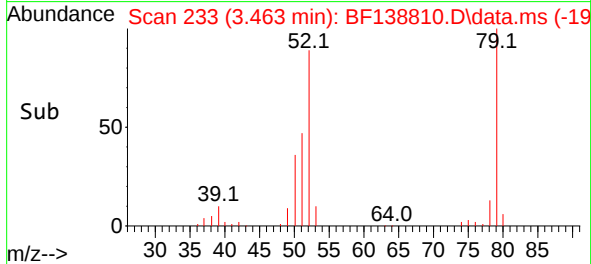
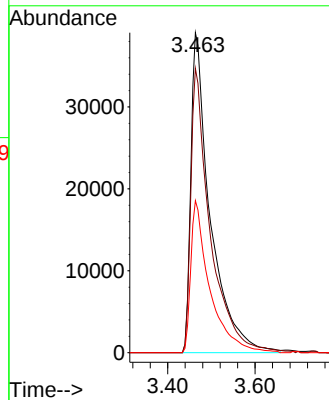
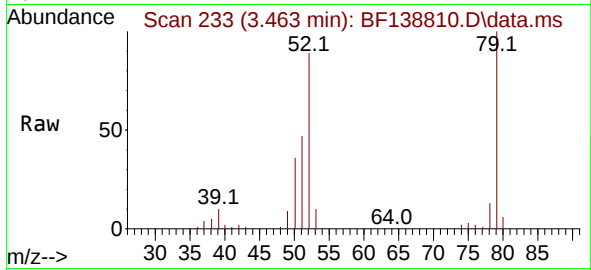
51 47.5 34.6 51.8

Manual Integrations

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Supervised By :mohammad ahmed 08/08/2024



#4

n-Nitrosodimethylamine

Concen: 47.078 ng

RT: 3.428 min Scan# 227

Delta R.T. 0.141 min

Lab File: BF138810.D

Acq: 06 Aug 2024 15:29

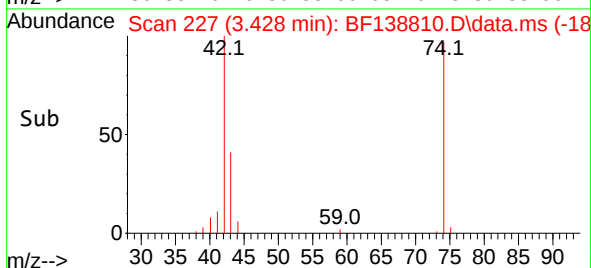
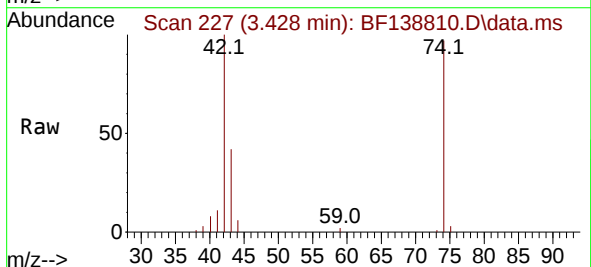
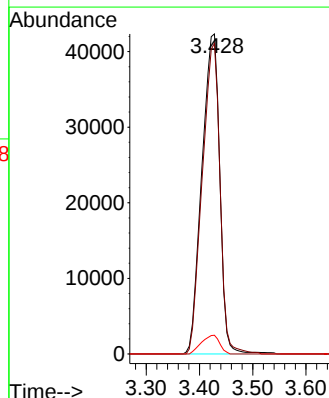
Tgt Ion: 42 Resp: 98754

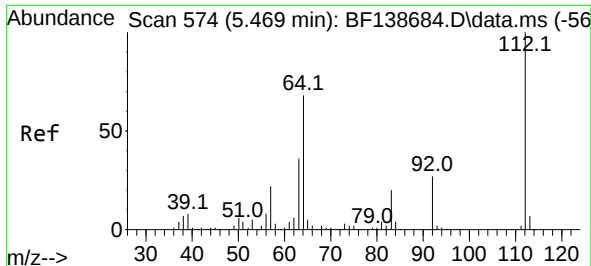
Ion Ratio Lower Upper

42 100

74 97.1 84.2 126.4

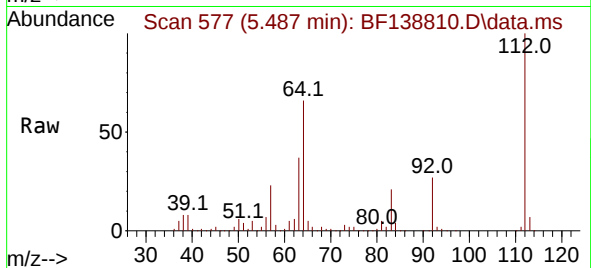
44 5.8 4.9 7.3





#5
2-Fluorophenol
Concen: 132.063 ng
RT: 5.487 min Scan# 51
Delta R.T. 0.018 min
Lab File: BF138810.D
Acq: 06 Aug 2024 15:29

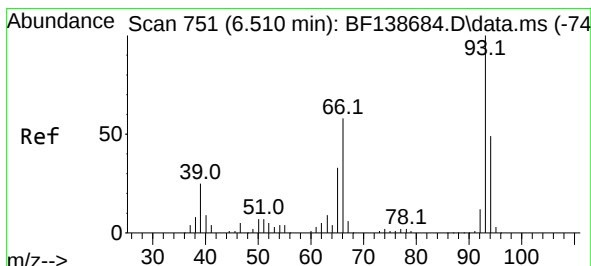
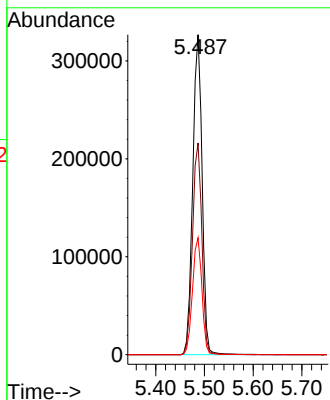
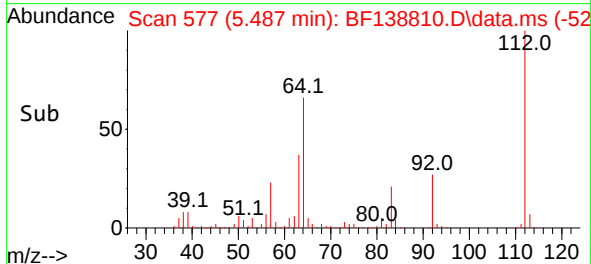
Instrument :
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Tgt Ion:112 Resp: 438574
Ion Ratio Lower Upper
112 100
64 66.2 54.2 81.4
63 36.6 28.7 43.1

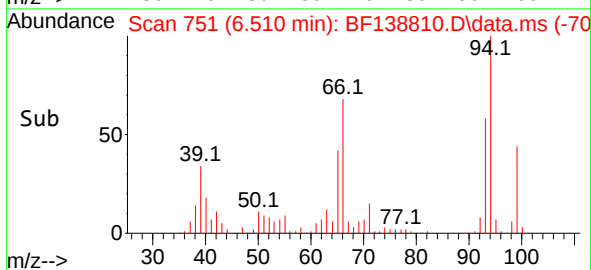
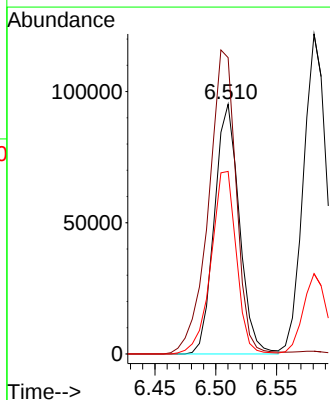
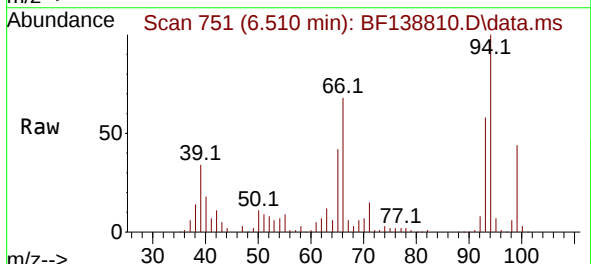
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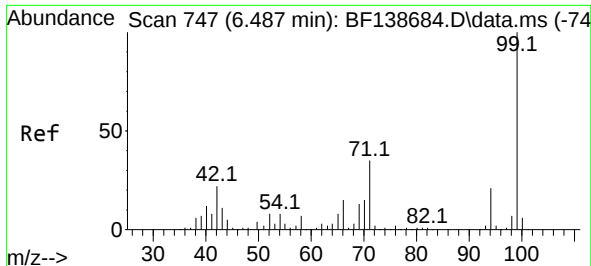
Reviewed By :Yogesh Patel 08/07/2024
Supervised By :mohammad ahmed 08/08/2024



#6
Aniline
Concen: 34.079 ng
RT: 6.510 min Scan# 751
Delta R.T. -0.000 min
Lab File: BF138810.D
Acq: 06 Aug 2024 15:29

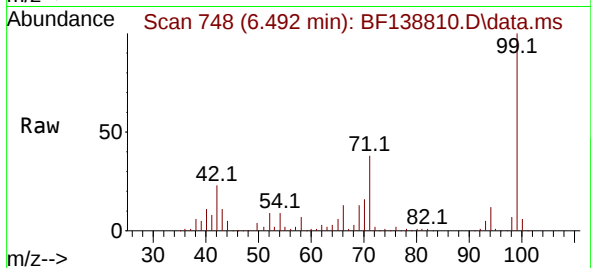
Tgt Ion: 93 Resp: 135512
Ion Ratio Lower Upper
93 100
66 118.6 46.9 70.3#
65 73.1 26.5 39.7#





#7
Phenol-d6
Concen: 129.456 ng
RT: 6.492 min Scan# 747
Delta R.T. 0.006 min
Lab File: BF138810.D
Acq: 06 Aug 2024 15:29

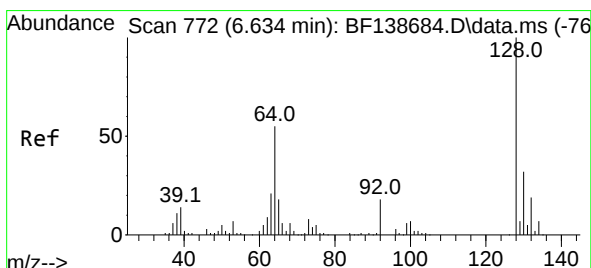
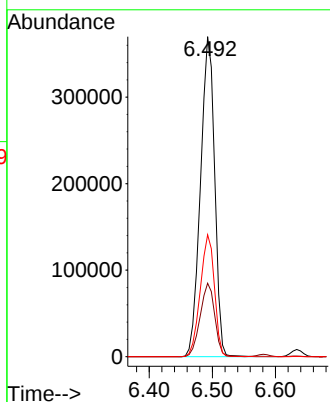
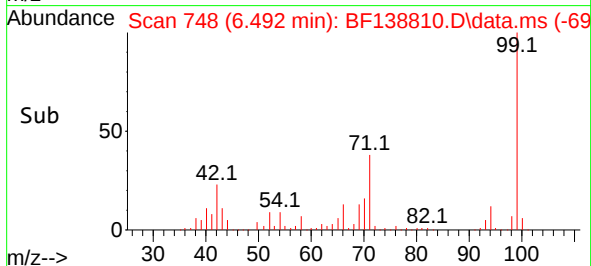
Instrument :
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Tgt Ion: 99 Resp: 577208
Ion Ratio Lower Upper
99 100
42 23.0 17.4 26.0
71 38.1 28.1 42.1

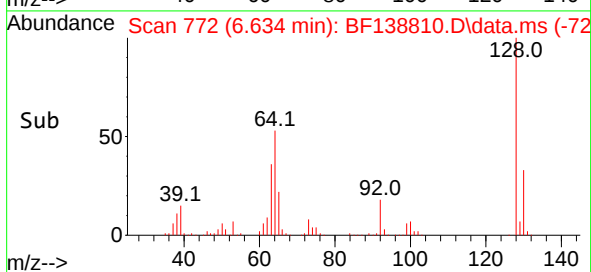
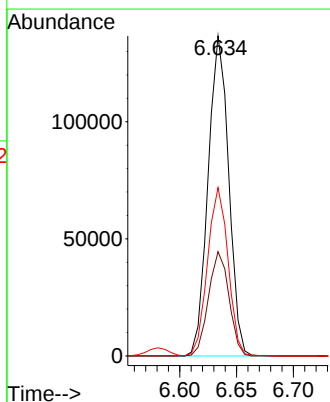
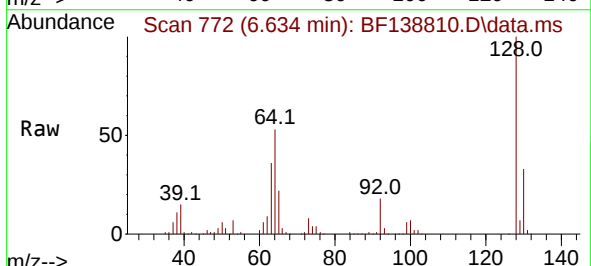
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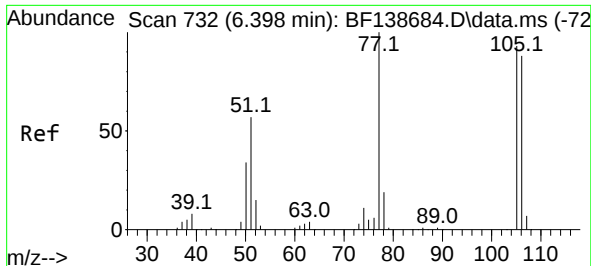
Reviewed By :Yogesh Patel 08/07/2024
Supervised By :mohammad ahmed 08/08/2024



#8
2-Chlorophenol
Concen: 49.301 ng
RT: 6.634 min Scan# 772
Delta R.T. -0.000 min
Lab File: BF138810.D
Acq: 06 Aug 2024 15:29

Tgt Ion:128 Resp: 172259
Ion Ratio Lower Upper
128 100
130 32.6 12.0 52.0
64 52.6 36.3 76.3





#9

Benzaldehyde

Concen: 45.806 ng

RT: 6.398 min Scan# 710

Delta R.T. 0.000 min

Lab File: BF138810.D

Acq: 06 Aug 2024 15:29

Instrument :

BNA_F

ClientSampleId :

PB162320BS

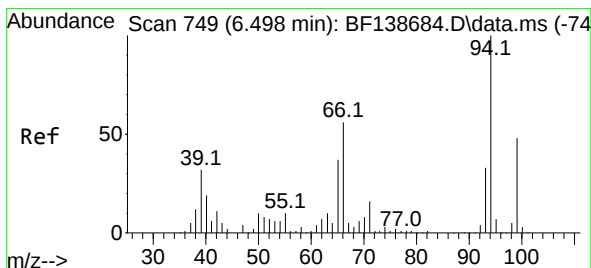
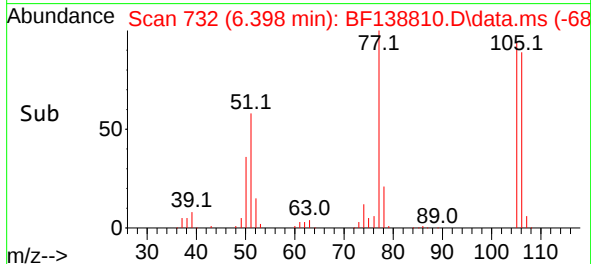
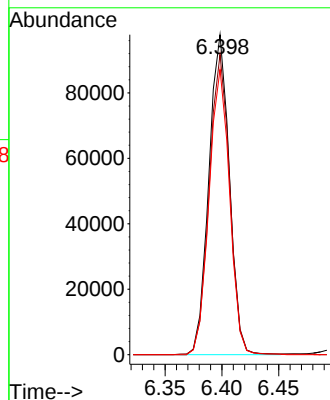
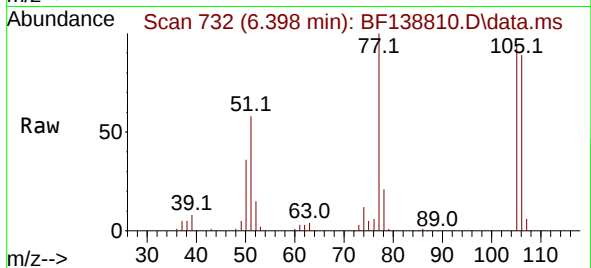
Tgt Ion:	77	Resp:	12243
Ion	Ratio	Lower	Upper
77	100		
105	93.8	72.9	112.9
106	89.1	68.4	108.4

Manual Integrations

APPROVED

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Supervised By :mohammad ahmed 08/08/2024



#10

Phenol

Concen: 47.393 ng

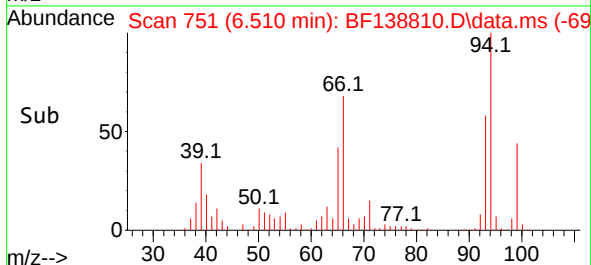
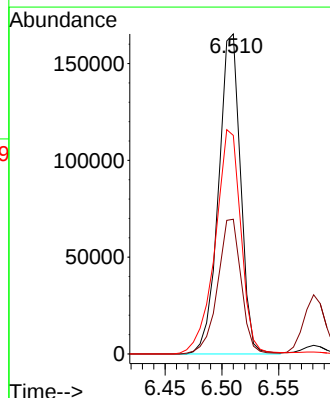
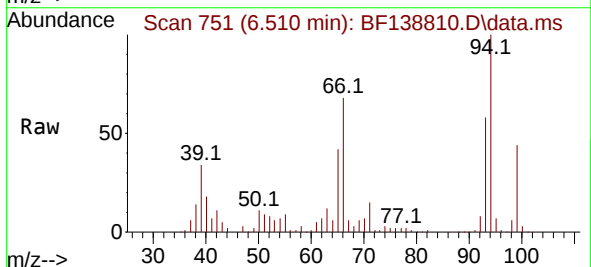
RT: 6.510 min Scan# 751

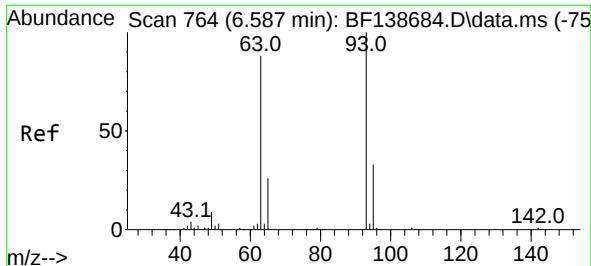
Delta R.T. 0.012 min

Lab File: BF138810.D

Acq: 06 Aug 2024 15:29

Tgt Ion:	94	Resp:	222487
Ion	Ratio	Lower	Upper
94	100		
65	42.1	16.9	56.9
66	68.3	36.5	76.5





#11

bis(2-Chloroethyl)ether

Concen: 44.356 ng

RT: 6.581 min Scan# 764

Delta R.T. -0.006 min

Lab File: BF138810.D

Acq: 06 Aug 2024 15:29

Instrument :

BNA_F

ClientSampleId :

PB162320BS

Tgt Ion: 93 Resp: 160238

Ion Ratio Lower Upper

93 100

63 84.1 65.3 105.3

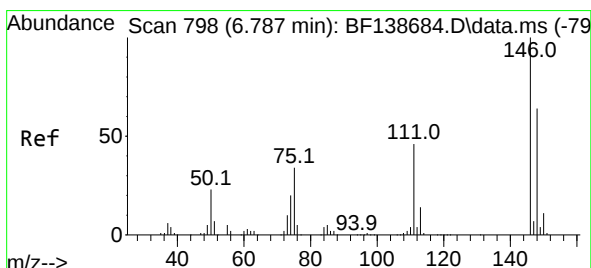
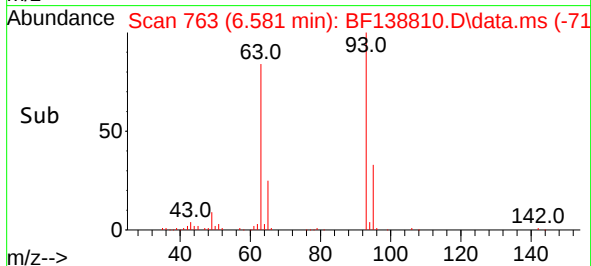
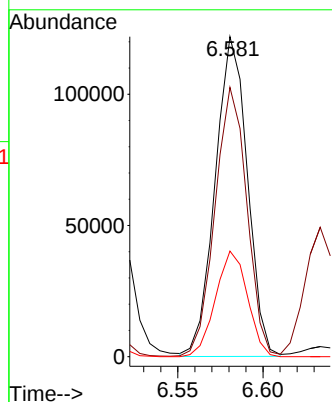
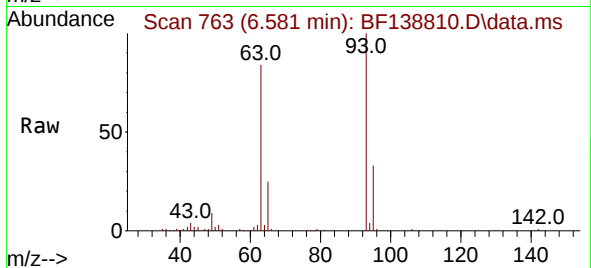
95 33.0 12.4 52.4

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 08/07/2024

Supervised By :mohammad ahmed 08/08/2024



#12

1,3-Dichlorobenzene

Concen: 44.645 ng

RT: 6.781 min Scan# 797

Delta R.T. -0.006 min

Lab File: BF138810.D

Acq: 06 Aug 2024 15:29

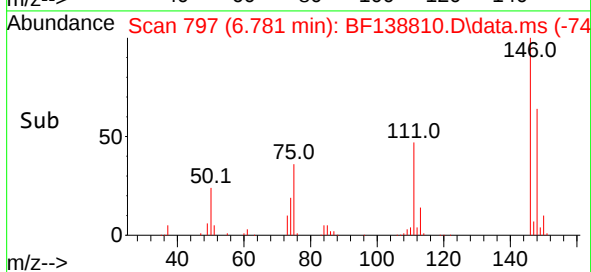
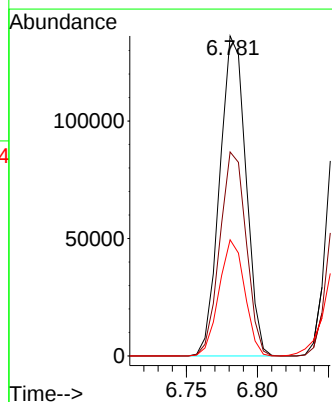
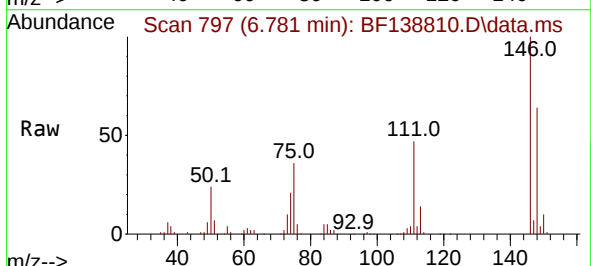
Tgt Ion:146 Resp: 174612

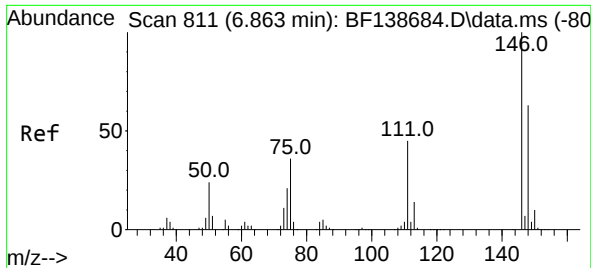
Ion Ratio Lower Upper

146 100

148 63.7 51.2 76.8

75 36.3 27.4 41.2





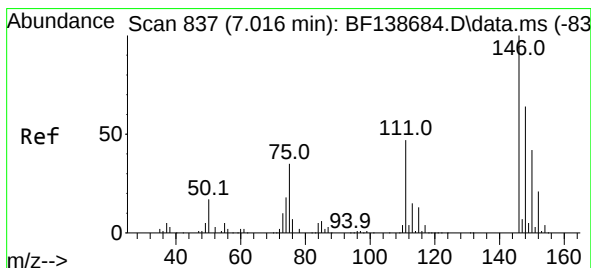
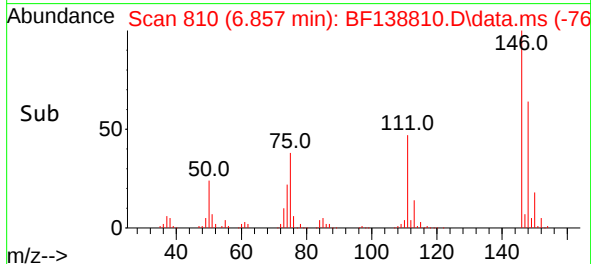
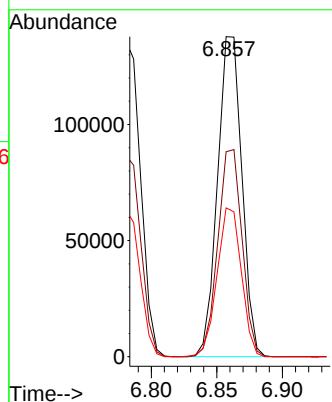
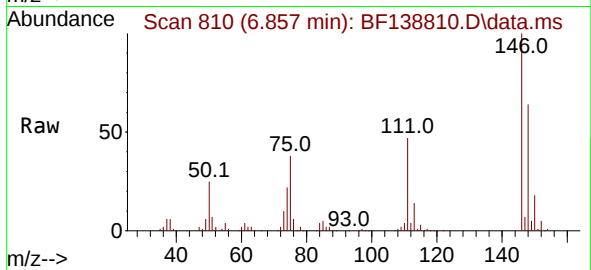
#13
1,4-Dichlorobenzene
Concen: 45.134 ng
RT: 6.857 min Scan# 811
Delta R.T. -0.006 min
Lab File: BF138810.D
Acq: 06 Aug 2024 15:29

Instrument :
BNA_F
ClientSampleId :
PB162320BS

Tgt Ion:146 Resp: 17814
Ion Ratio Lower Upper
146 100
148 64.0 50.2 75.2
111 46.5 35.9 53.9

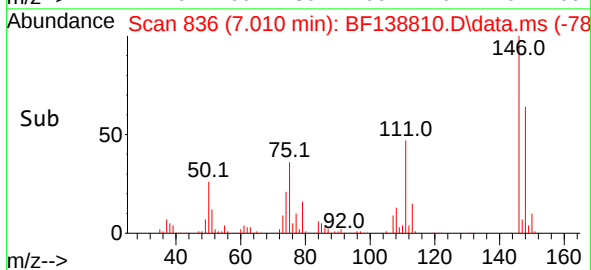
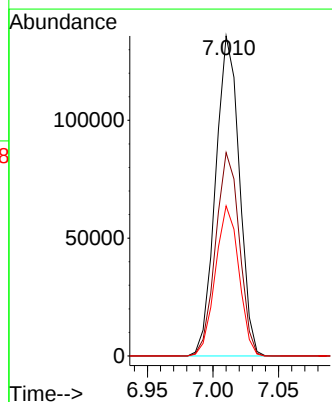
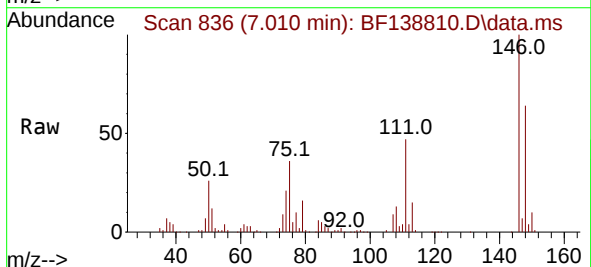
Manual Integrations
APPROVED

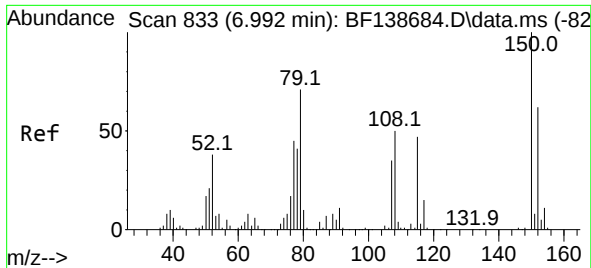
Reviewed By :Yogesh Patel 08/07/2024
Supervised By :mohammad ahmed 08/08/2024



#14
1,2-Dichlorobenzene
Concen: 46.325 ng
RT: 7.010 min Scan# 836
Delta R.T. -0.006 min
Lab File: BF138810.D
Acq: 06 Aug 2024 15:29

Tgt Ion:146 Resp: 170884
Ion Ratio Lower Upper
146 100
148 63.5 50.8 76.2
111 46.9 37.4 56.2





#15
Benzyl Alcohol
Concen: 50.670 ng
RT: 6.992 min Scan# 811
Delta R.T. -0.000 min
Lab File: BF138810.D
Acq: 06 Aug 2024 15:29

Instrument :

BNA_F

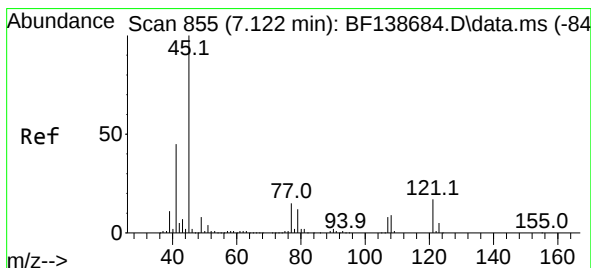
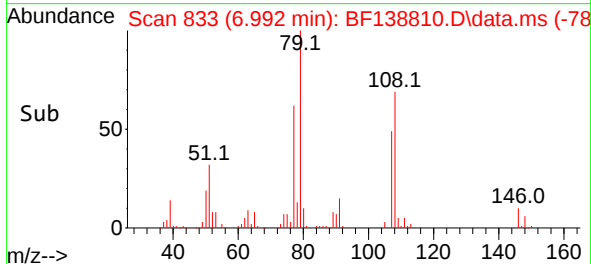
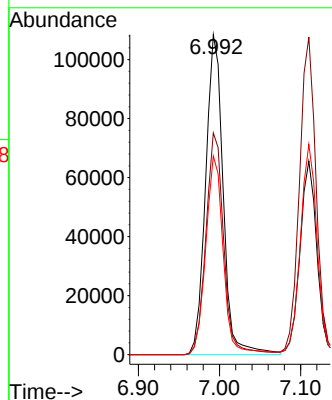
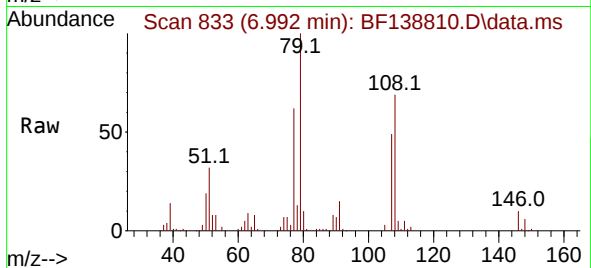
ClientSampleId :

PB162320BS

Tgt Ion: 79 Resp: 16283
Ion Ratio Lower Upper
79 100
108 69.3 56.6 85.0
77 62.1 50.3 75.5

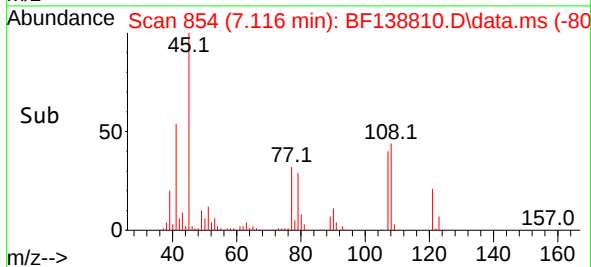
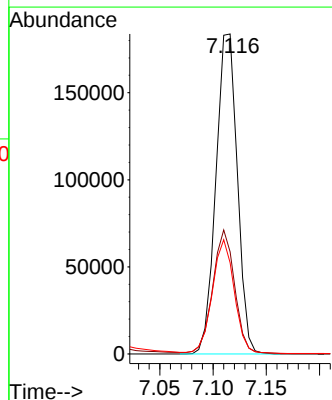
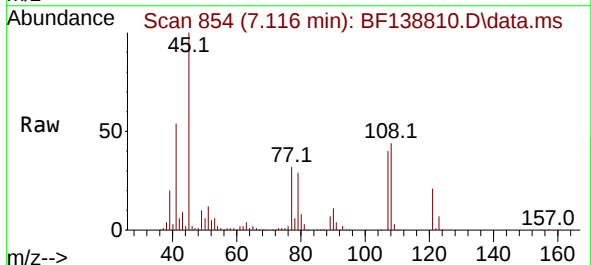
Manual Integrations
APPROVED

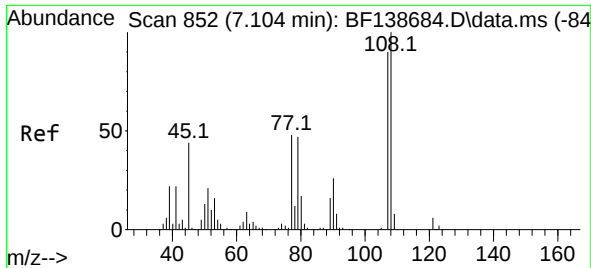
Reviewed By :Yogesh Patel 08/07/2024
Supervised By :mohammad ahmed 08/08/2024



#16
2,2'-oxybis(1-Chloropropane)
Concen: 41.266 ng
RT: 7.116 min Scan# 854
Delta R.T. -0.006 min
Lab File: BF138810.D
Acq: 06 Aug 2024 15:29

Tgt Ion: 45 Resp: 256553
Ion Ratio Lower Upper
45 100
77 31.9 0.0 34.9
79 28.5 0.0 32.2





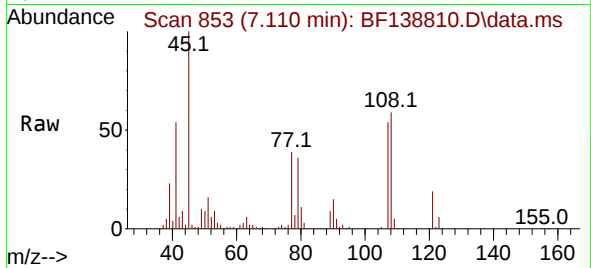
#17
2-Methylphenol
Concen: 48.489 ng
RT: 7.110 min Scan# 853
Delta R.T. 0.006 min
Lab File: BF138810.D
Acq: 06 Aug 2024 15:29

Instrument :

BNA_F

ClientSampleId :

PB162320BS

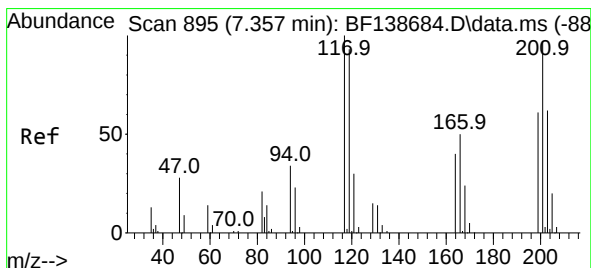
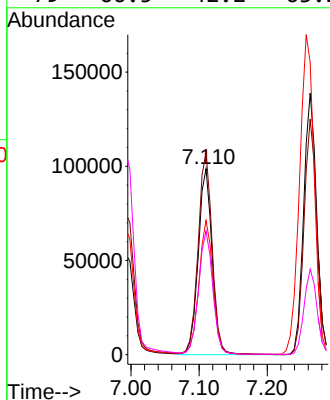
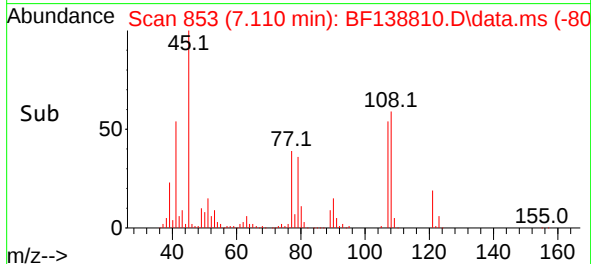


Tgt Ion:107 Resp: 139899
Ion Ratio Lower Upper
107 100
108 109.1 89.2 133.8
77 72.2 43.0 64.4
79 66.5 42.2 63.2

Manual Integrations

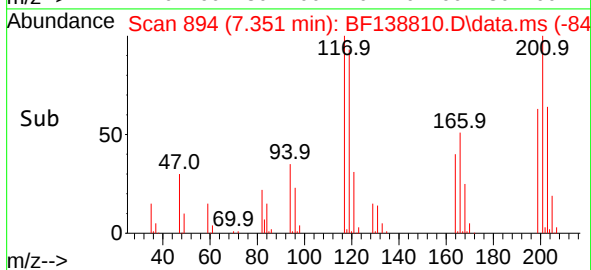
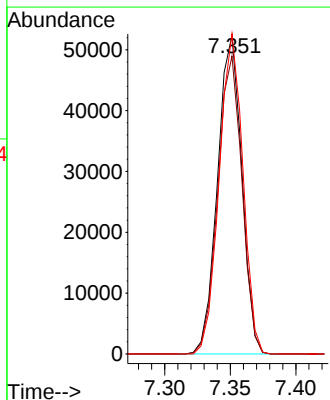
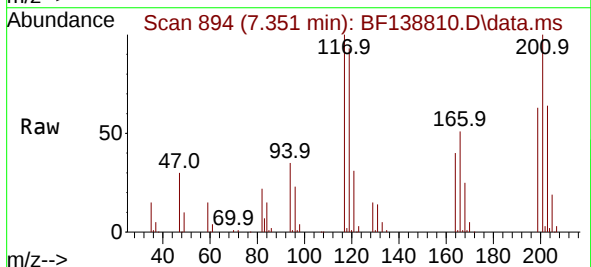
APPROVED

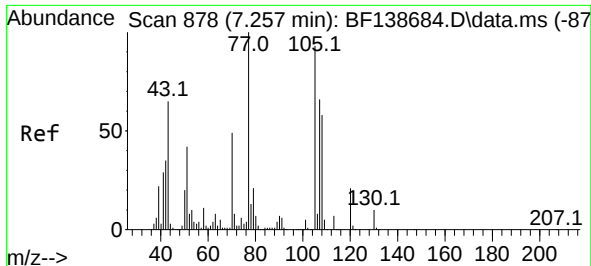
Reviewed By :Yogesh Patel 08/07/2024
Supervised By :mohammad ahmed 08/08/2024



#18
Hexachloroethane
Concen: 45.208 ng
RT: 7.351 min Scan# 894
Delta R.T. -0.006 min
Lab File: BF138810.D
Acq: 06 Aug 2024 15:29

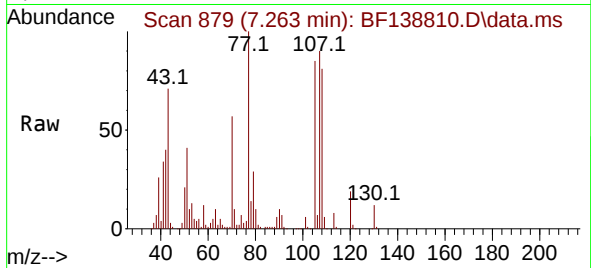
Tgt Ion:117 Resp: 67168
Ion Ratio Lower Upper
117 100
119 93.5 74.6 111.8
201 100.5 77.2 115.8





#19
n-Nitroso-di-n-propylamine
Concen: 49.002 ng
RT: 7.263 min Scan# 819
Delta R.T. 0.006 min
Lab File: BF138810.D
Acq: 06 Aug 2024 15:29

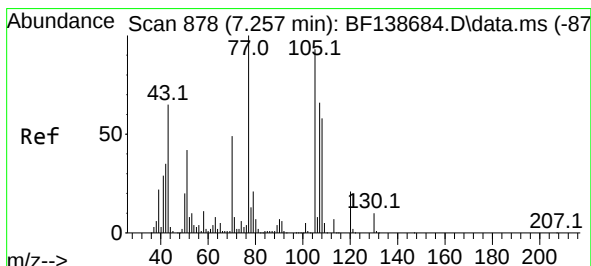
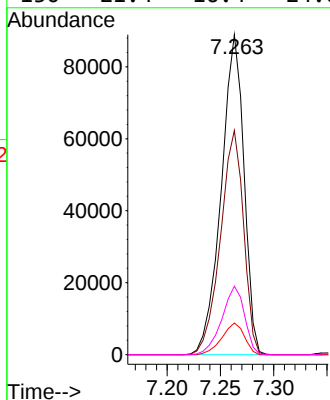
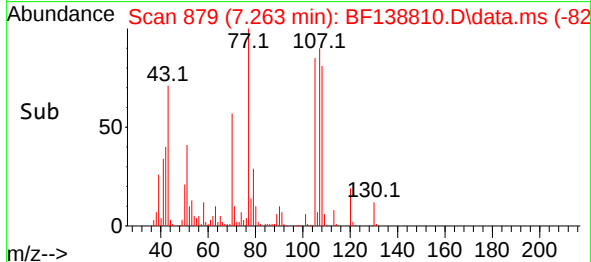
Instrument :
BNA_F
ClientSampleId :
PB162320BS



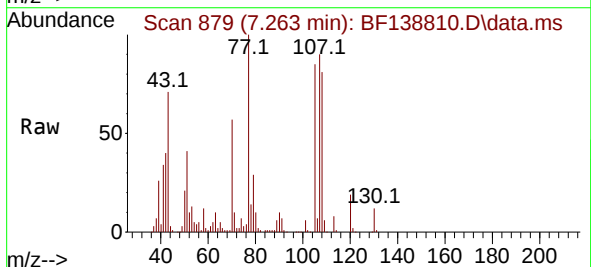
Tgt Ion: 70 Resp: 13196
Ion Ratio Lower Upper
70 100
42 70.0 57.4 86.0
101 9.9 7.5 11.3
130 21.4 16.4 24.6

Manual Integrations
APPROVED

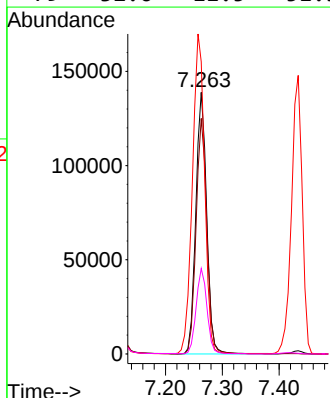
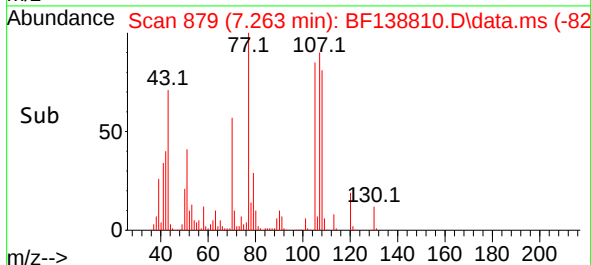
Reviewed By :Yogesh Patel 08/07/2024
Supervised By :mohammad ahmed 08/08/2024

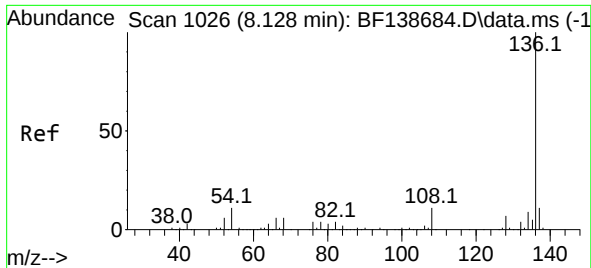


#20
3+4-Methylphenols
Concen: 50.136 ng
RT: 7.263 min Scan# 879
Delta R.T. 0.006 min
Lab File: BF138810.D
Acq: 06 Aug 2024 15:29



Tgt Ion:107 Resp: 185593
Ion Ratio Lower Upper
107 100
108 90.0 68.2 108.2
77 111.7 132.1 172.1#
79 32.6 11.5 51.5





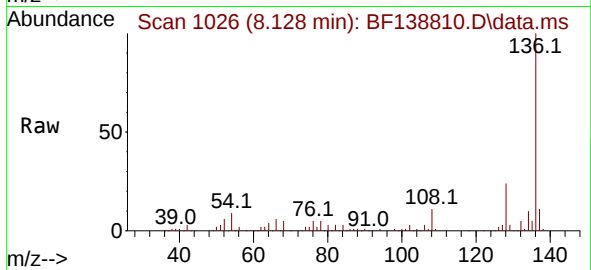
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.128 min Scan# 1026
Delta R.T. -0.000 min
Lab File: BF138810.D
Acq: 06 Aug 2024 15:29

Instrument :

BNA_F

ClientSampleId :

PB162320BS



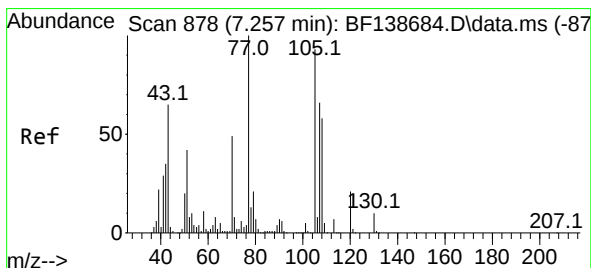
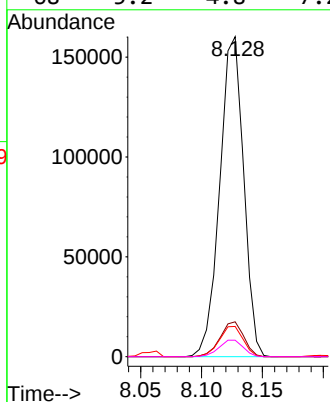
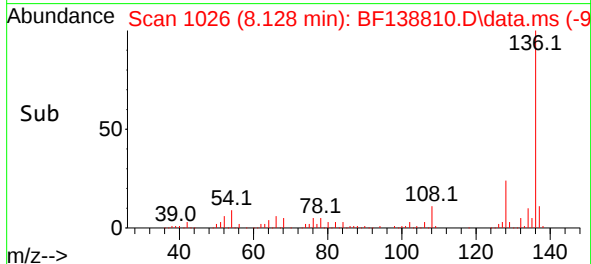
Tgt Ion:136 Resp: 21871
Ion Ratio Lower Upper
136 100
137 10.9 8.9 13.3
54 9.4 8.6 12.8
68 5.2 4.8 7.2

Manual Integrations

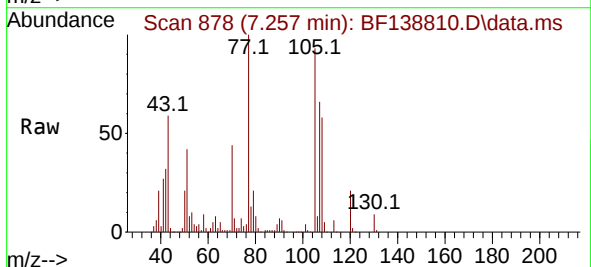
APPROVED

Reviewed By :Yogesh Patel 08/07/2024

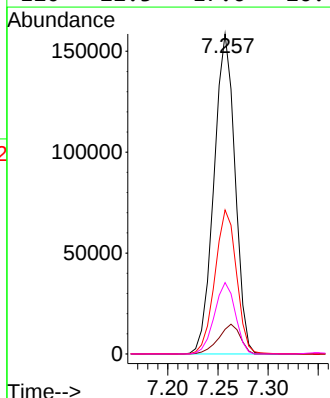
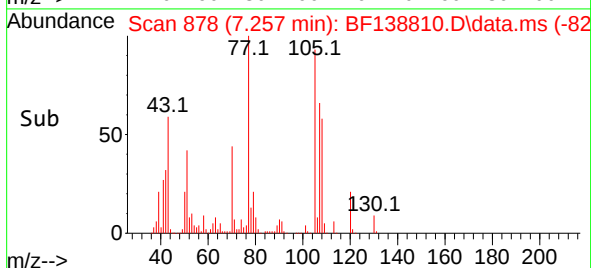
Supervised By :mohammad ahmed 08/08/2024

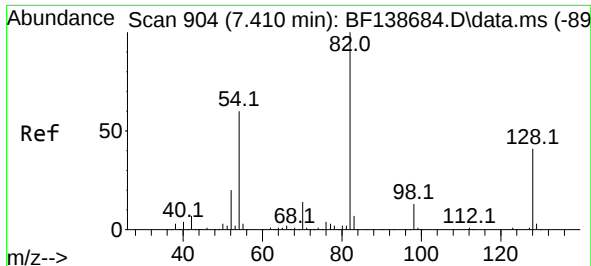


#22
Acetophenone
Concen: 43.222 ng
RT: 7.257 min Scan# 878
Delta R.T. -0.000 min
Lab File: BF138810.D
Acq: 06 Aug 2024 15:29



Tgt Ion:105 Resp: 231458
Ion Ratio Lower Upper
105 100
71 7.7 7.2 10.8
51 45.0 35.9 53.9
120 22.3 17.6 26.4





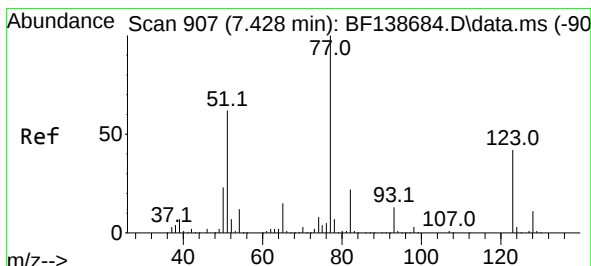
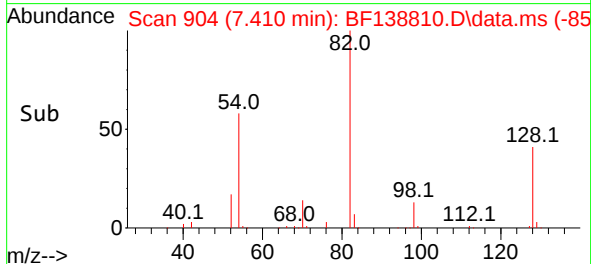
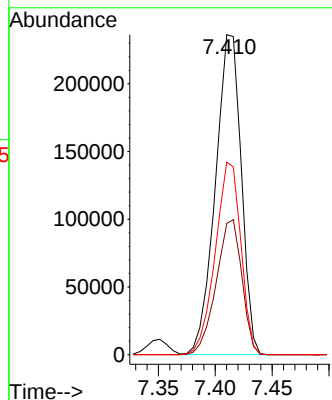
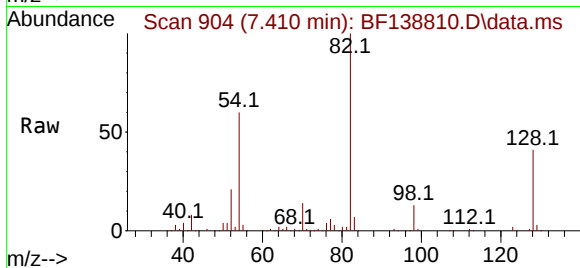
#23
Nitrobenzene-d5
Concen: 83.706 ng
RT: 7.410 min Scan# 904
Delta R.T. -0.000 min
Lab File: BF138810.D
Acq: 06 Aug 2024 15:29

Instrument :
BNA_F
ClientSampleId :
PB162320BS

Tgt Ion: 82 Resp: 37445
Ion Ratio Lower Upper
82 100
128 41.0 32.8 49.2
54 60.2 48.3 72.5

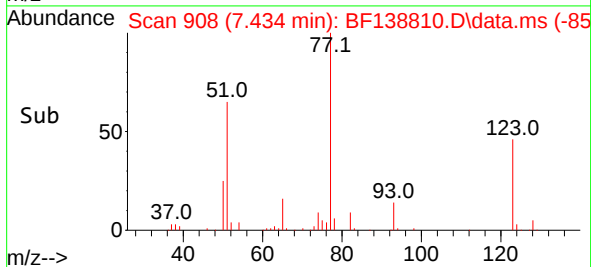
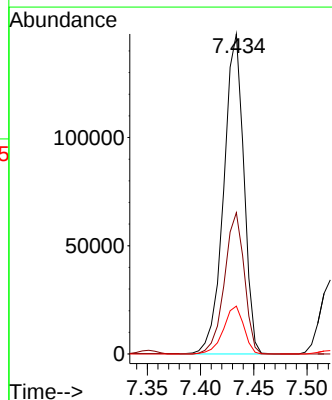
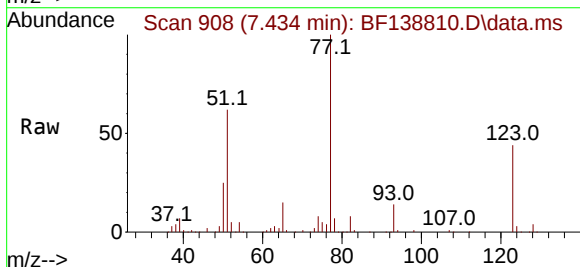
Manual Integrations
APPROVED

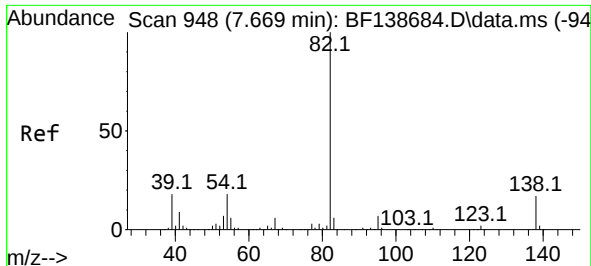
Reviewed By :Yogesh Patel 08/07/2024
Supervised By :mohammad ahmed 08/08/2024



#24
Nitrobenzene
Concen: 42.535 ng
RT: 7.434 min Scan# 908
Delta R.T. 0.006 min
Lab File: BF138810.D
Acq: 06 Aug 2024 15:29

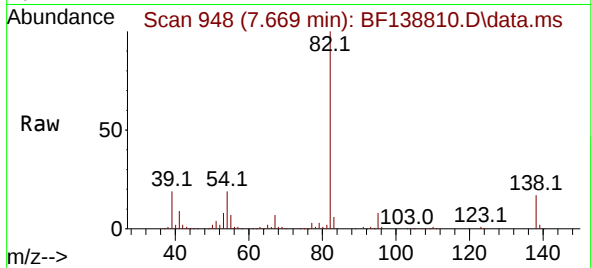
Tgt Ion: 77 Resp: 193620
Ion Ratio Lower Upper
77 100
123 44.2 33.3 49.9
65 14.9 11.9 17.9





#25
Isophorone
Concen: 45.278 ng
RT: 7.669 min Scan# 948
Delta R.T. -0.000 min
Lab File: BF138810.D
Acq: 06 Aug 2024 15:29

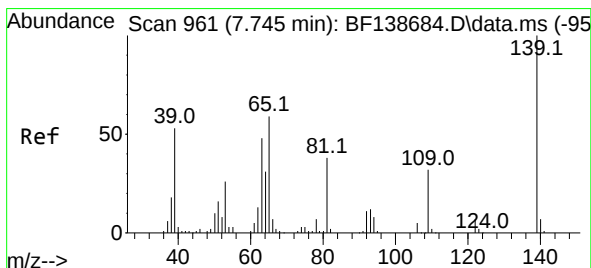
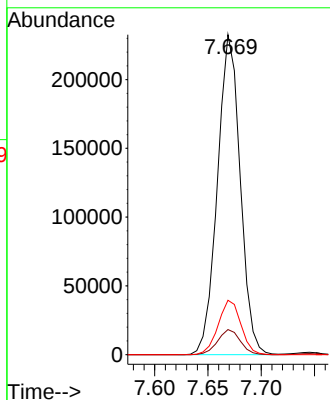
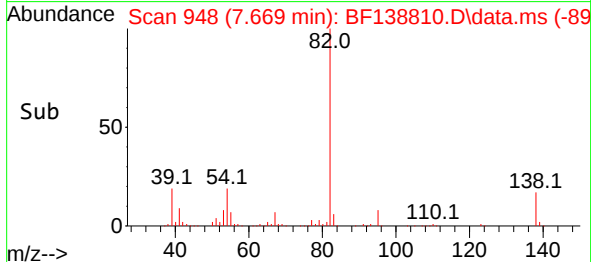
Instrument :
BNA_F
ClientSampleId :
PB162320BS



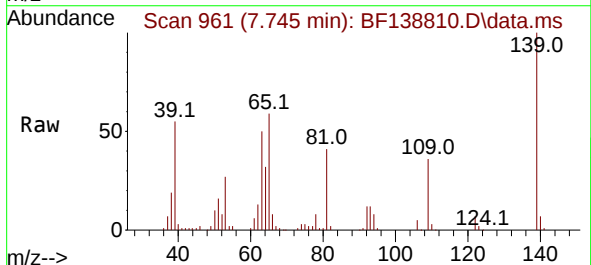
Tgt Ion: 82 Resp: 34586
Ion Ratio Lower Upper
82 100
95 7.8 5.7 8.5
138 17.0 13.7 20.5

Manual Integrations
APPROVED

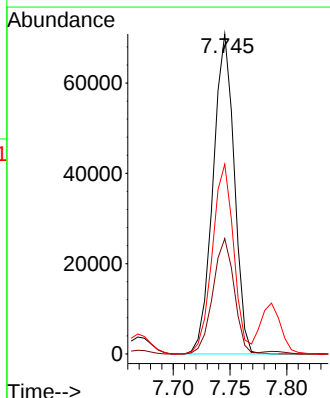
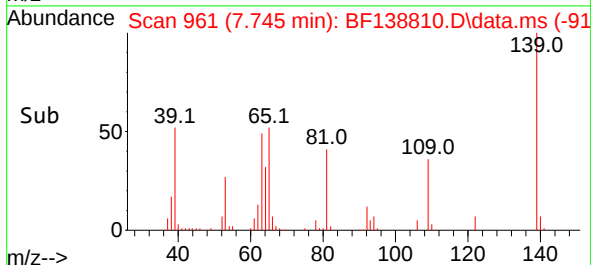
Reviewed By :Yogesh Patel 08/07/2024
Supervised By :mohammad ahmed 08/08/2024

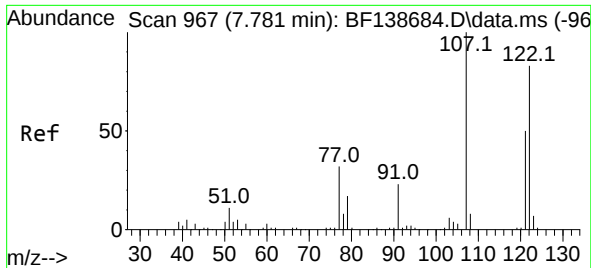


#26
2-Nitrophenol
Concen: 46.997 ng
RT: 7.745 min Scan# 961
Delta R.T. -0.000 min
Lab File: BF138810.D
Acq: 06 Aug 2024 15:29



Tgt Ion:139 Resp: 92041
Ion Ratio Lower Upper
139 100
109 36.1 25.9 38.9
65 59.3 47.0 70.6





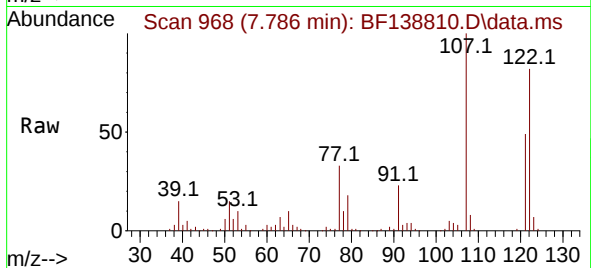
#27
2,4-Dimethylphenol
Concen: 50.064 ng
RT: 7.786 min Scan# 967
Delta R.T. 0.006 min
Lab File: BF138810.D
Acq: 06 Aug 2024 15:29

Instrument :

BNA_F

ClientSampleId :

PB162320BS



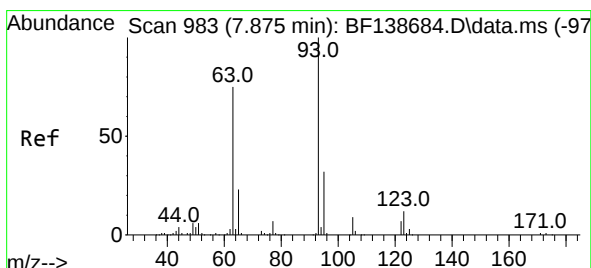
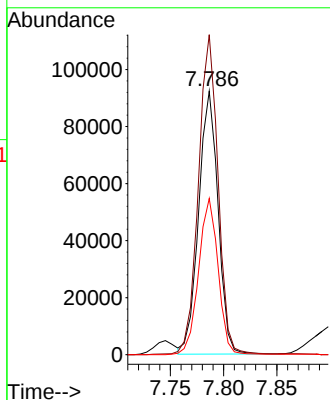
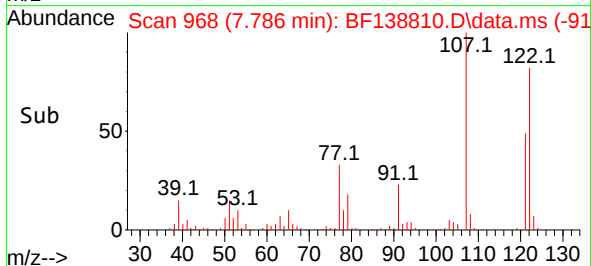
Tgt Ion:122 Resp: 117310
Ion Ratio Lower Upper
122 100
107 121.5 95.0 142.6
121 59.3 47.3 70.9

Manual Integrations

APPROVED

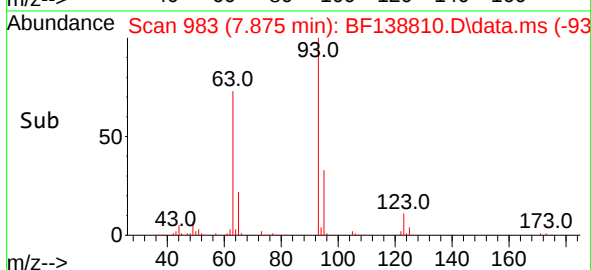
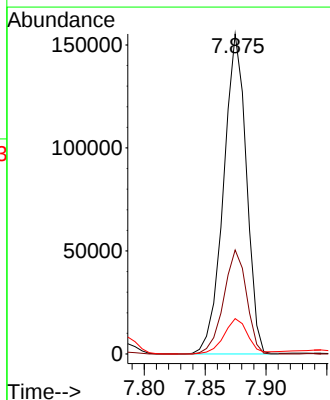
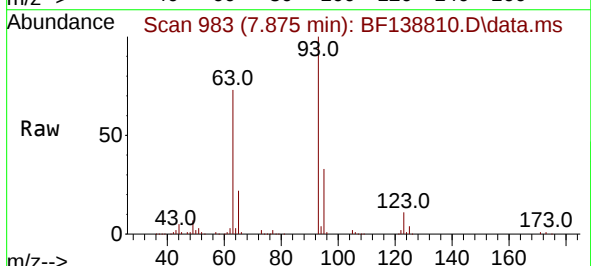
Reviewed By :Yogesh Patel 08/07/2024

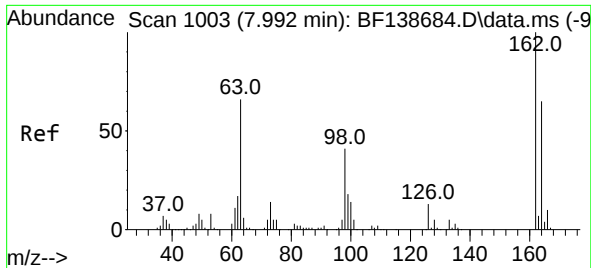
Supervised By :mohammad ahmed 08/08/2024



#28
bis(2-Chloroethoxy)methane
Concen: 43.577 ng
RT: 7.875 min Scan# 983
Delta R.T. -0.000 min
Lab File: BF138810.D
Acq: 06 Aug 2024 15:29

Tgt Ion: 93 Resp: 202708
Ion Ratio Lower Upper
93 100
95 32.5 25.8 38.8
123 11.0 9.4 14.0





#29

2,4-Dichlorophenol

Concen: 48.276 ng

RT: 7.992 min Scan# 1003

Delta R.T. -0.000 min

Lab File: BF138810.D

Acq: 06 Aug 2024 15:29

Instrument :

BNA_F

ClientSampleId :

PB162320BS

Tgt Ion:162 Resp: 145358

Ion Ratio Lower Upper

162 100

164 63.6 44.7 84.7

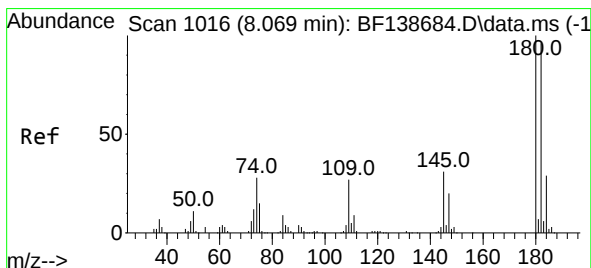
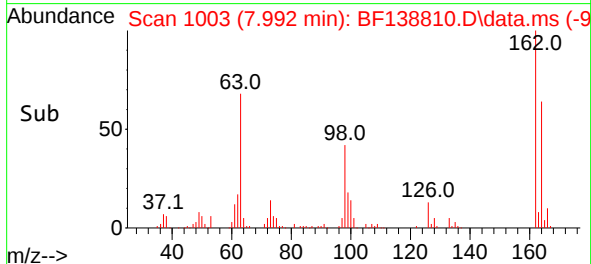
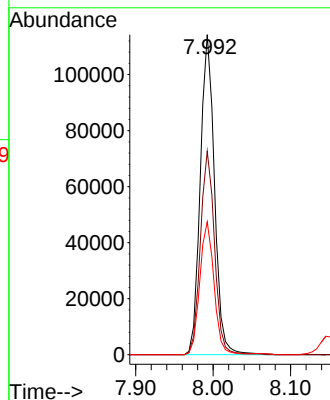
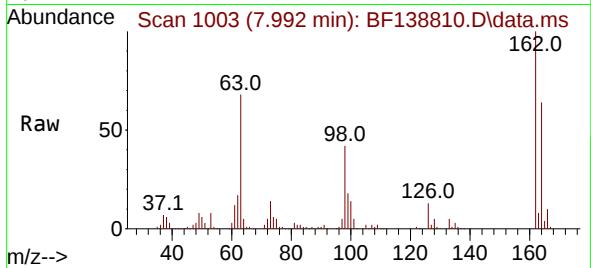
98 41.6 20.8 60.8

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 08/07/2024

Supervised By :mohammad ahmed 08/08/2024



#30

1,2,4-Trichlorobenzene

Concen: 44.387 ng

RT: 8.063 min Scan# 1015

Delta R.T. -0.006 min

Lab File: BF138810.D

Acq: 06 Aug 2024 15:29

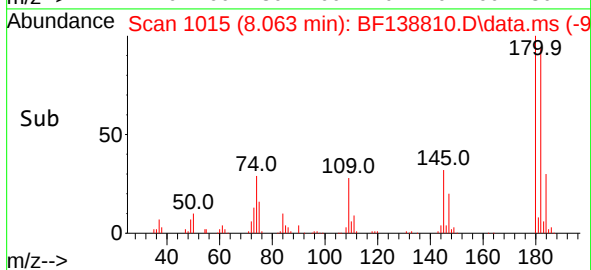
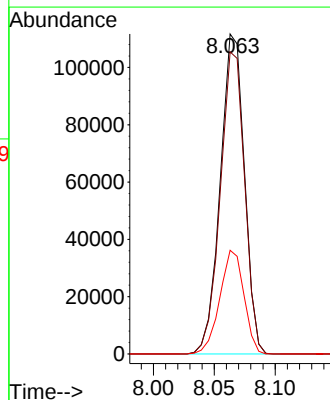
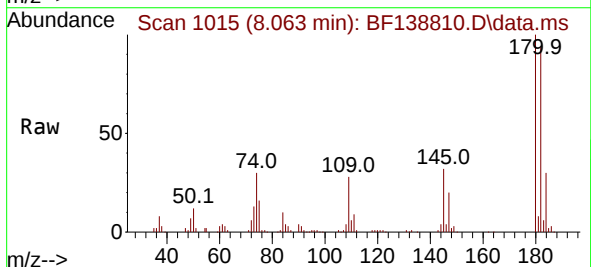
Tgt Ion:180 Resp: 154235

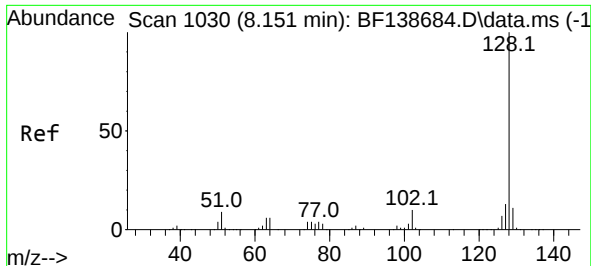
Ion Ratio Lower Upper

180 100

182 94.4 76.9 115.3

145 32.4 25.0 37.4





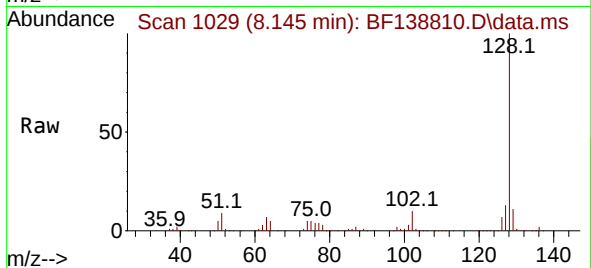
#31
Naphthalene
Concen: 44.335 ng
RT: 8.145 min Scan# 1029
Delta R.T. -0.006 min
Lab File: BF138810.D
Acq: 06 Aug 2024 15:29

Instrument :

BNA_F

ClientSampleId :

PB162320BS



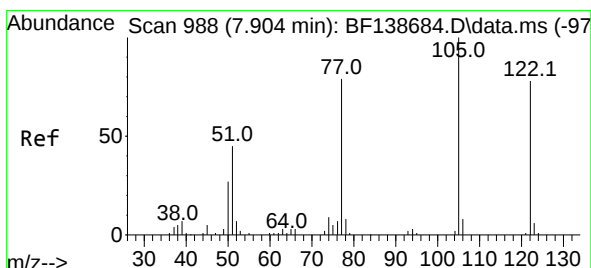
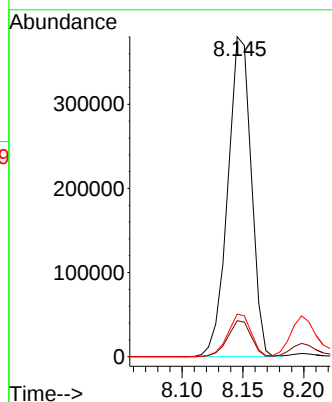
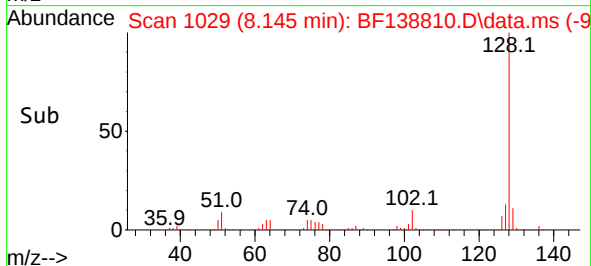
Tgt Ion:128 Resp: 510395
Ion Ratio Lower Upper
128 100
129 11.2 8.7 13.1
127 13.3 10.6 16.0

Manual Integrations

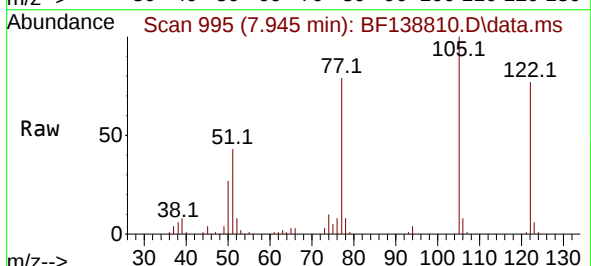
APPROVED

Reviewed By :Yogesh Patel 08/07/2024

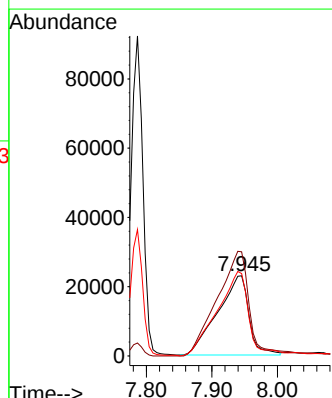
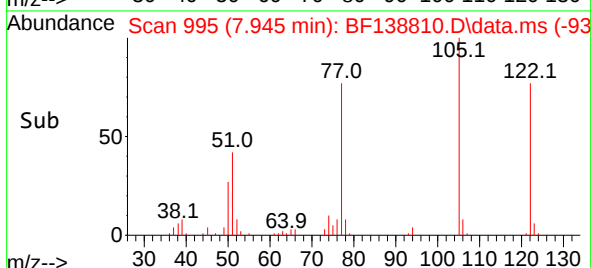
Supervised By :mohammad ahmed 08/08/2024

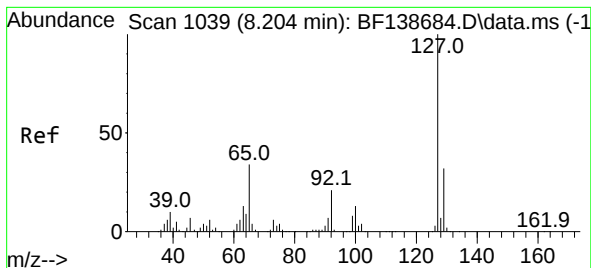


#32
Benzoic acid
Concen: 41.237 ng
RT: 7.945 min Scan# 995
Delta R.T. 0.041 min
Lab File: BF138810.D
Acq: 06 Aug 2024 15:29



Tgt Ion:122 Resp: 75955
Ion Ratio Lower Upper
122 100
105 129.9 106.7 146.7
77 102.8 81.1 121.1





#33

4-Chloroaniline

Concen: 21.954 ng

RT: 8.198 min Scan# 1038

Delta R.T. -0.006 min

Lab File: BF138810.D

Acq: 06 Aug 2024 15:29

Instrument :

BNA_F

ClientSampleId :

PB162320BS

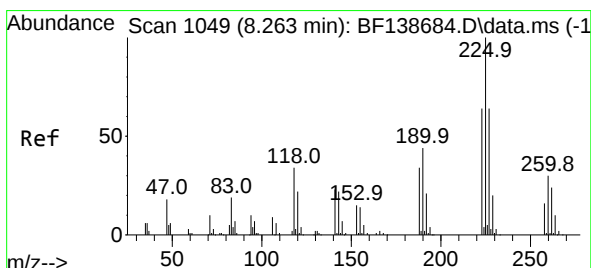
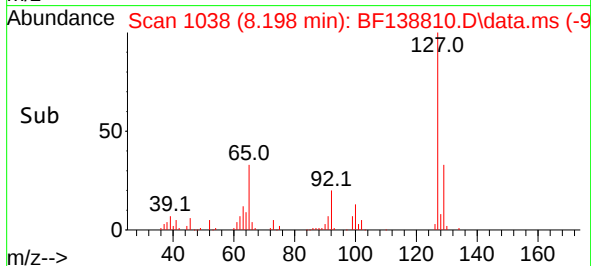
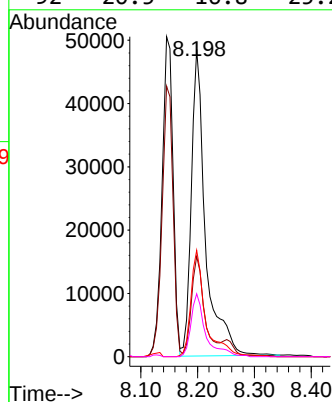
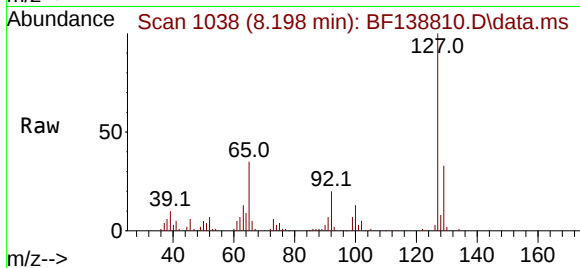
Tgt Ion:	127	Resp:	8484
Ion Ratio	Lower	Upper	
127	100		
129	32.7	25.9	38.9
65	34.6	27.6	41.4
92	20.5	16.8	25.2

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 08/07/2024

Supervised By :mohammad ahmed 08/08/2024



#34

Hexachlorobutadiene

Concen: 43.844 ng

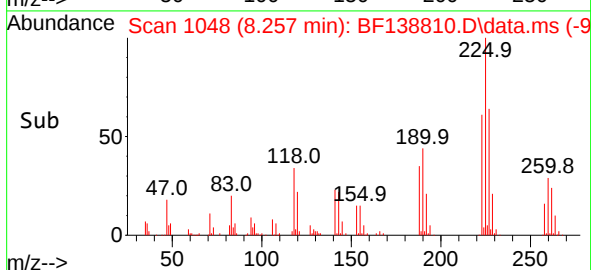
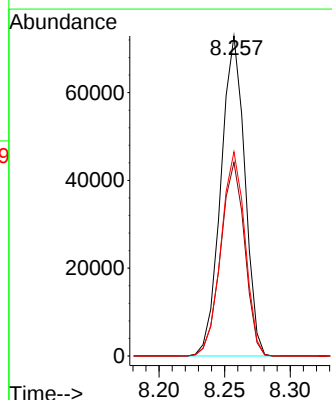
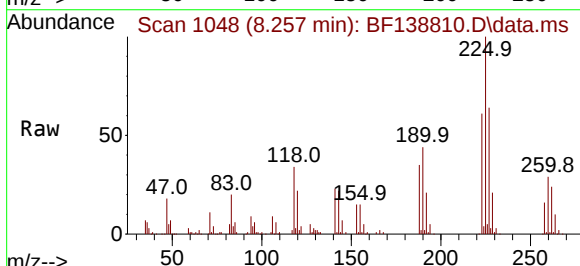
RT: 8.257 min Scan# 1048

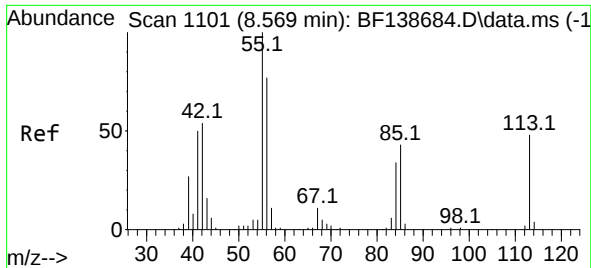
Delta R.T. -0.006 min

Lab File: BF138810.D

Acq: 06 Aug 2024 15:29

Tgt Ion:	225	Resp:	92276
Ion Ratio	Lower	Upper	
225	100		
223	60.5	51.2	76.8
227	63.8	51.1	76.7





#35
Caprolactam
Concen: 44.473 ng m
RT: 8.592 min Scan# 1105
Delta R.T. 0.023 min
Lab File: BF138810.D
Acq: 06 Aug 2024 15:29

Instrument :

BNA_F

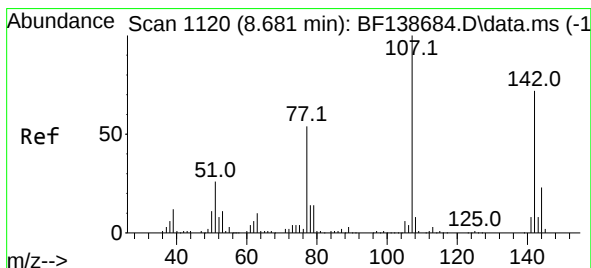
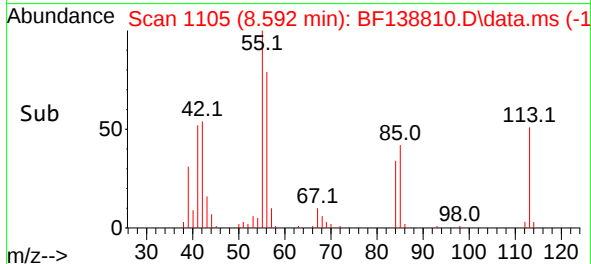
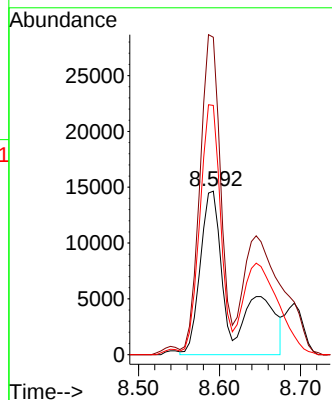
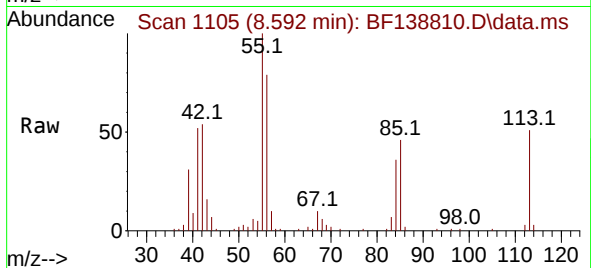
ClientSampleId :

PB162320BS

Tgt Ion:113 Resp: 39950
Ion Ratio Lower Upper
113 100
55 194.2 186.7 226.7
56 152.5 138.9 178.9

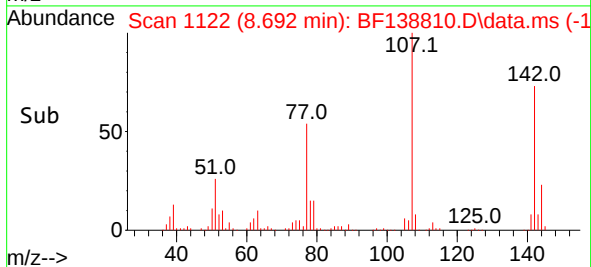
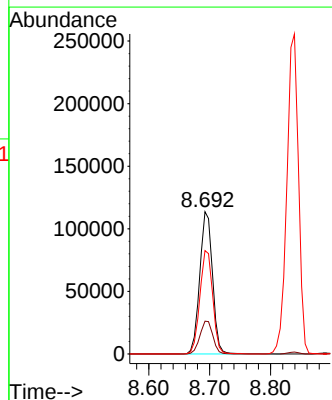
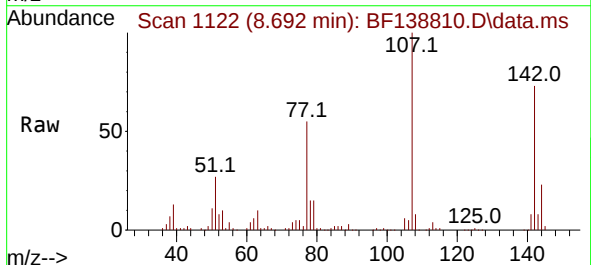
Manual Integrations
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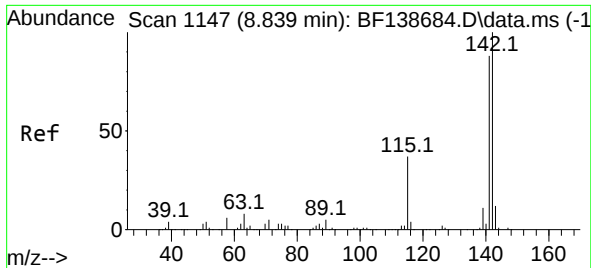
Reviewed By :Yogesh Patel 08/07/2024
Supervised By :mohammad ahmed 08/08/2024



#36
4-Chloro-3-methylphenol
Concen: 48.079 ng
RT: 8.692 min Scan# 1122
Delta R.T. 0.012 min
Lab File: BF138810.D
Acq: 06 Aug 2024 15:29

Tgt Ion:107 Resp: 165444
Ion Ratio Lower Upper
107 100
144 23.1 18.2 27.2
142 72.7 57.4 86.2





#37
2-Methylnaphthalene
Concen: 46.672 ng
RT: 8.839 min Scan# 1147
Delta R.T. -0.000 min
Lab File: BF138810.D
Acq: 06 Aug 2024 15:29

Instrument :

BNA_F

ClientSampleId :

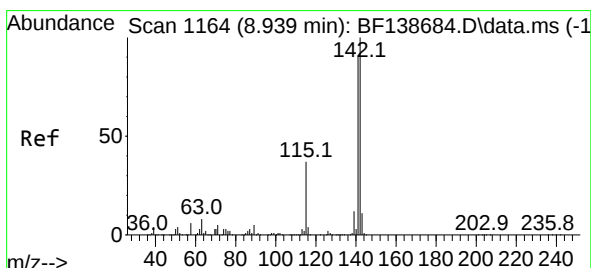
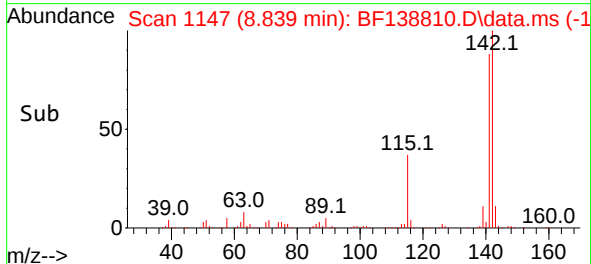
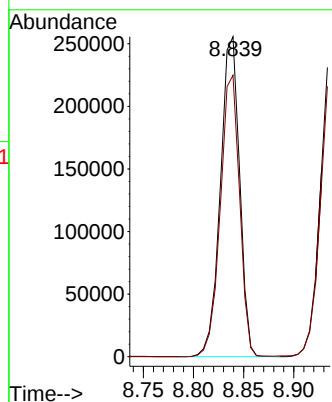
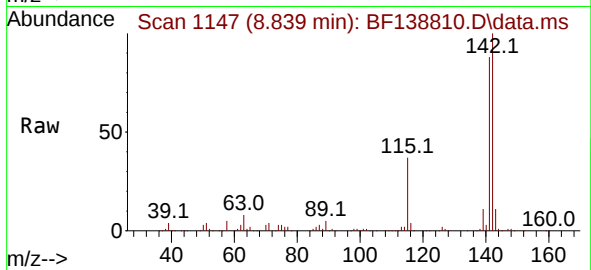
PB162320BS

Tgt Ion:142 Resp: 33933
Ion Ratio Lower Upper
142 100
141 88.0 70.8 106.2

Manual Integrations

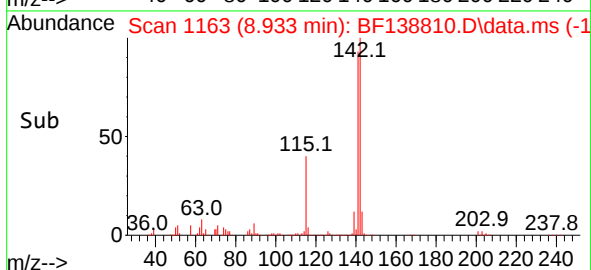
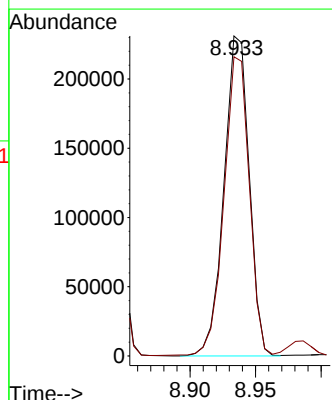
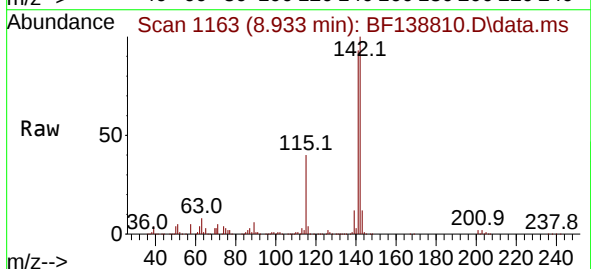
APPROVED

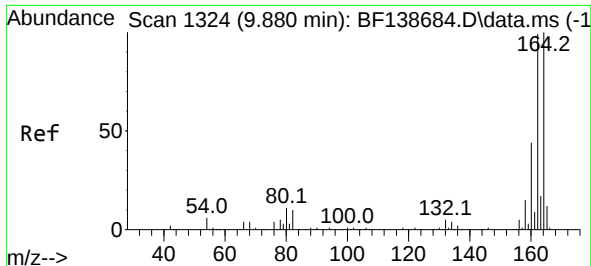
Reviewed By :Yogesh Patel 08/07/2024
Supervised By :mohammad ahmed 08/08/2024



#38
1-Methylnaphthalene
Concen: 43.406 ng
RT: 8.933 min Scan# 1163
Delta R.T. -0.006 min
Lab File: BF138810.D
Acq: 06 Aug 2024 15:29

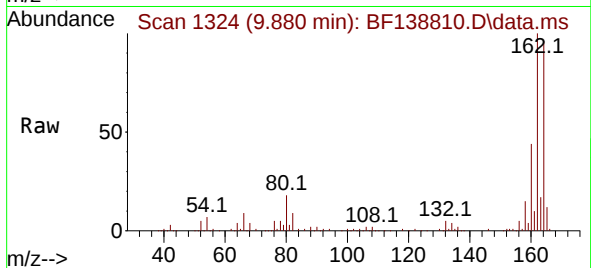
Tgt Ion:142 Resp: 309248
Ion Ratio Lower Upper
142 100
141 93.5 73.1 109.7





#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.880 min Scan# 1175
Delta R.T. 0.000 min
Lab File: BF138810.D
Acq: 06 Aug 2024 15:29

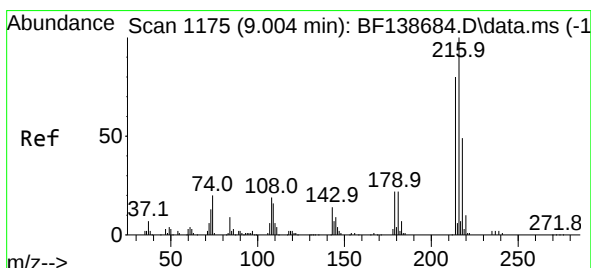
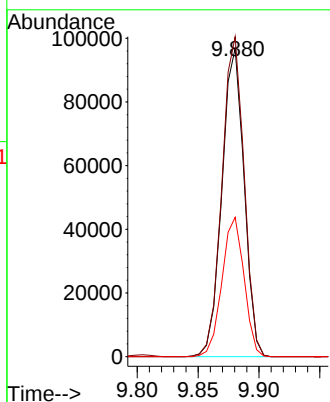
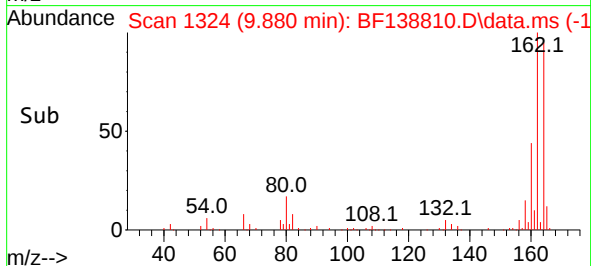
Instrument :
BNA_F
ClientSampleId :
PB162320BS



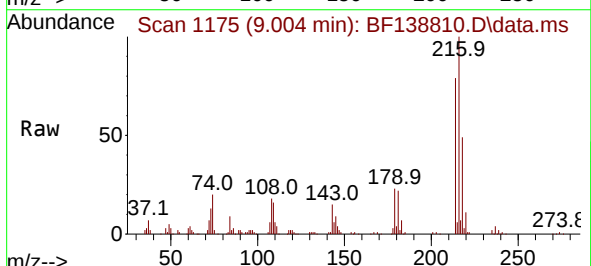
Tgt Ion:164 Resp: 122430
Ion Ratio Lower Upper
164 100
162 103.8 79.4 119.0
160 45.2 35.1 52.7

Manual Integrations
APPROVED

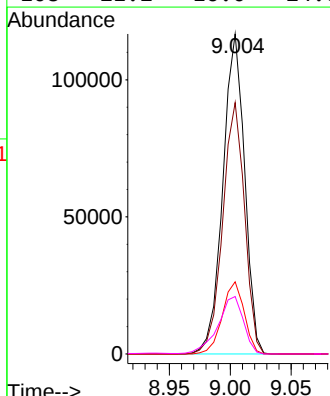
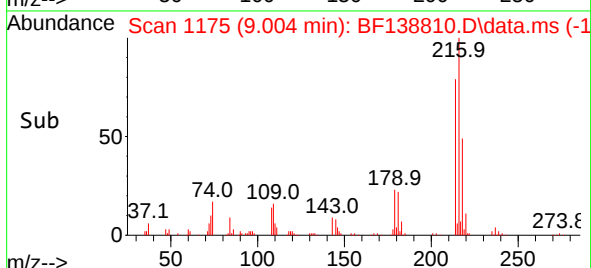
Reviewed By :Yogesh Patel 08/07/2024
Supervised By :mohammad ahmed 08/08/2024

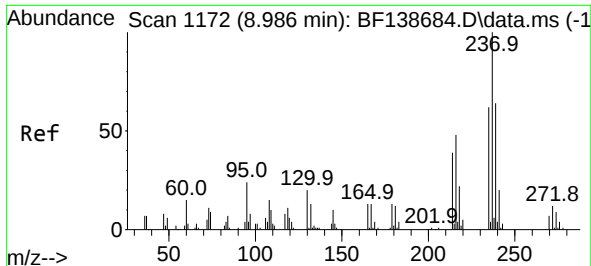


#40
1,2,4,5-Tetrachlorobenzene
Concen: 42.678 ng
RT: 9.004 min Scan# 1175
Delta R.T. -0.000 min
Lab File: BF138810.D
Acq: 06 Aug 2024 15:29



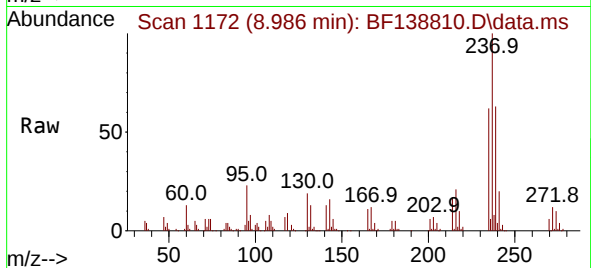
Tgt Ion:216 Resp: 145154
Ion Ratio Lower Upper
216 100
214 78.8 63.9 95.9
179 22.6 17.8 26.6
108 21.2 16.0 24.0





#41
Hexachlorocyclopentadiene
Concen: 116.169 ng
RT: 8.986 min Scan# 1172
Delta R.T. 0.000 min
Lab File: BF138810.D
Acq: 06 Aug 2024 15:29

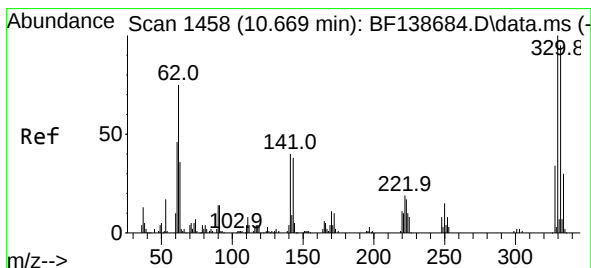
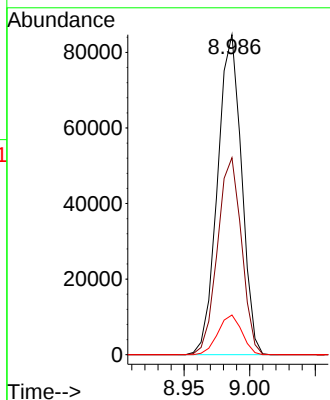
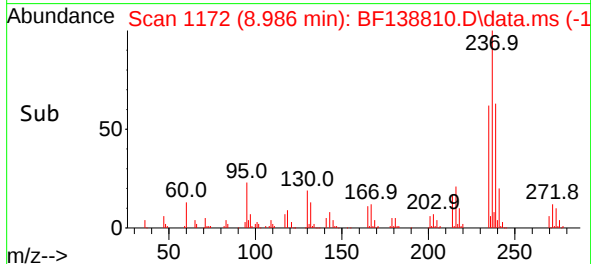
Instrument :
BNA_F
ClientSampleId :
PB162320BS



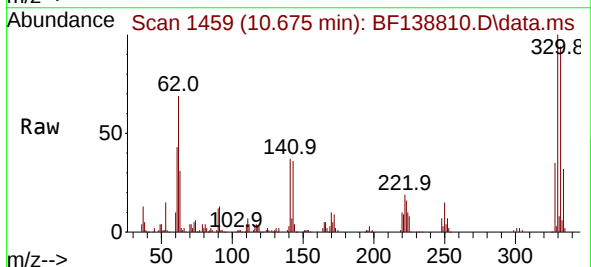
Tgt Ion:237 Resp: 107684
Ion Ratio Lower Upper
237 100
235 61.6 41.8 81.8
272 12.4 0.0 32.2

Manual Integrations
APPROVED

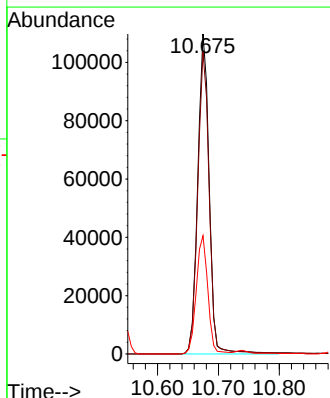
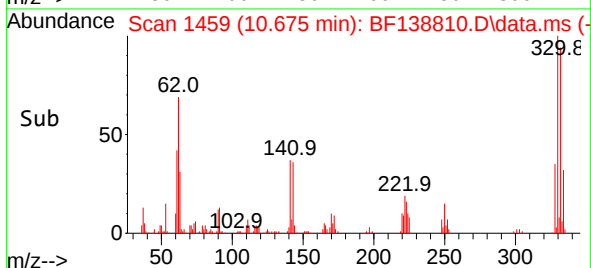
Reviewed By :Yogesh Patel 08/07/2024
Supervised By :mohammad ahmed 08/08/2024

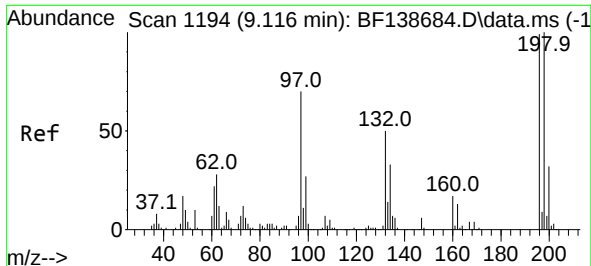


#42
2,4,6-Tribromophenol
Concen: 143.129 ng
RT: 10.675 min Scan# 1459
Delta R.T. 0.006 min
Lab File: BF138810.D
Acq: 06 Aug 2024 15:29



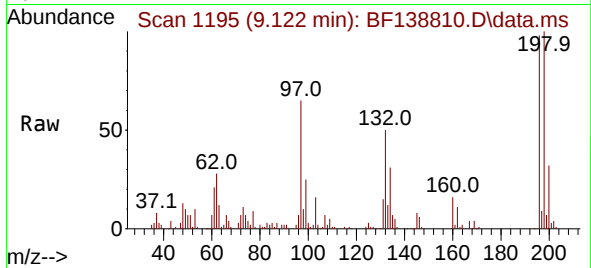
Tgt Ion:330 Resp: 143546
Ion Ratio Lower Upper
330 100
332 95.4 76.4 114.6
141 37.2 31.1 46.7





#43
2,4,6-Trichlorophenol
Concen: 46.386 ng
RT: 9.122 min Scan# 1194
Delta R.T. 0.006 min
Lab File: BF138810.D
Acq: 06 Aug 2024 15:29

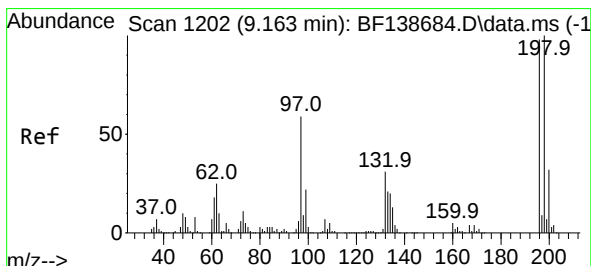
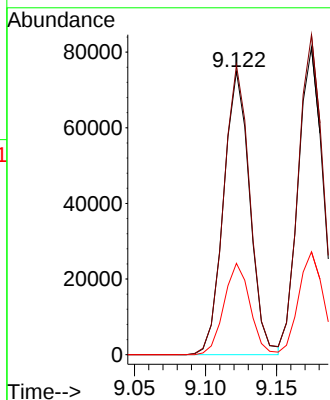
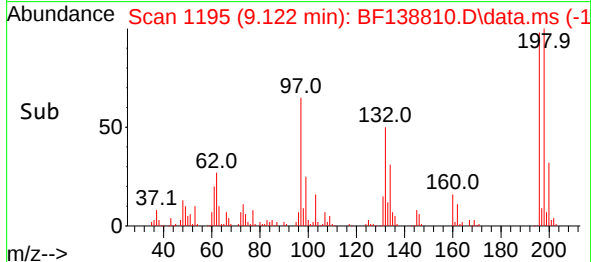
Instrument :
BNA_F
ClientSampleId :
PB162320BS



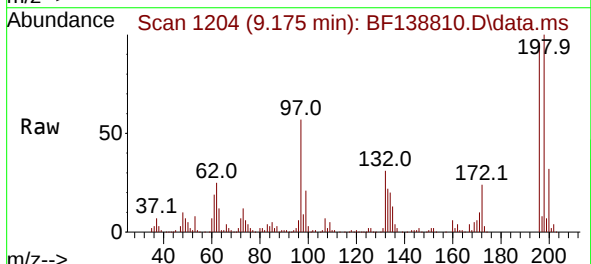
Tgt Ion:196 Resp: 9619
Ion Ratio Lower Upper
196 100
198 102.3 80.5 120.7
200 32.3 25.9 38.9

Manual Integrations
APPROVED

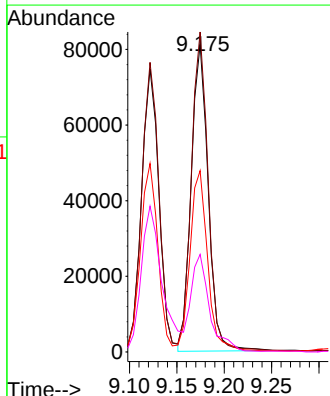
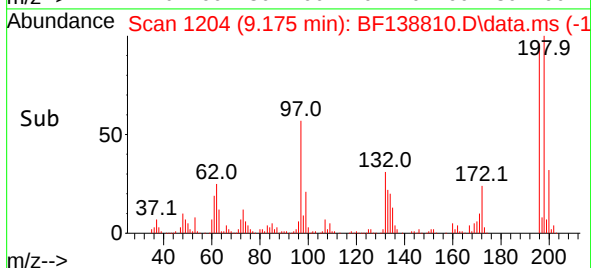
Reviewed By :Yogesh Patel 08/07/2024
Supervised By :mohammad ahmed 08/08/2024

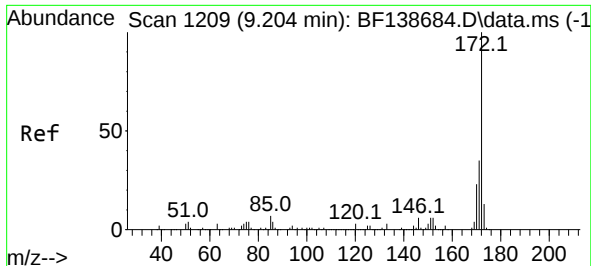


#44
2,4,5-Trichlorophenol
Concen: 44.844 ng
RT: 9.175 min Scan# 1204
Delta R.T. 0.012 min
Lab File: BF138810.D
Acq: 06 Aug 2024 15:29



Tgt Ion:196 Resp: 101662
Ion Ratio Lower Upper
196 100
198 104.0 81.2 121.8
97 58.9 47.8 71.6
132 31.8 25.3 37.9





#45
2-Fluorobiphenyl
Concen: 87.026 ng
RT: 9.198 min Scan# 1208
Delta R.T. -0.006 min
Lab File: BF138810.D
Acq: 06 Aug 2024 15:29

Instrument :

BNA_F

ClientSampleId :

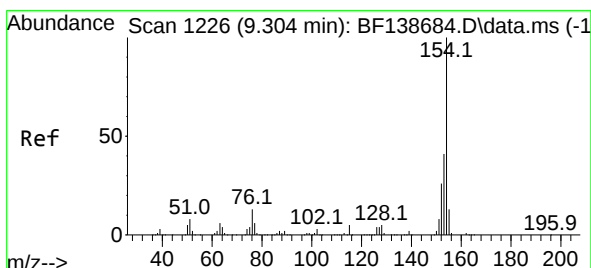
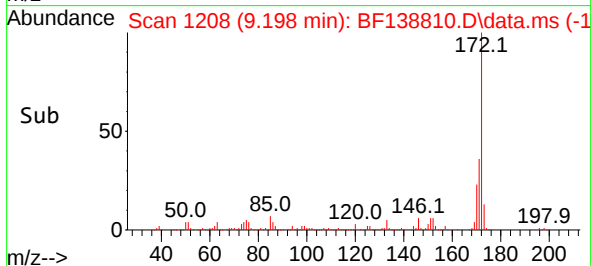
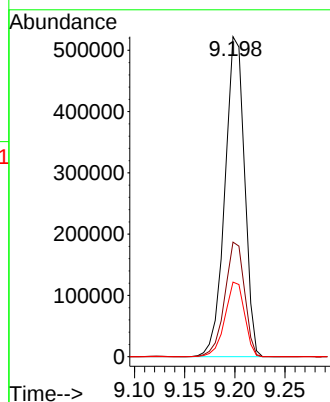
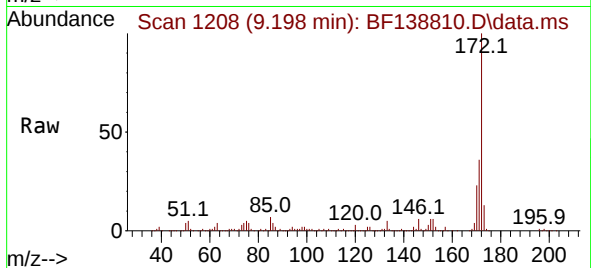
PB162320BS

Tgt Ion:172 Resp: 70915
Ion Ratio Lower Upper
172 100
171 35.8 28.3 42.5
170 23.3 18.8 28.2

Manual Integrations

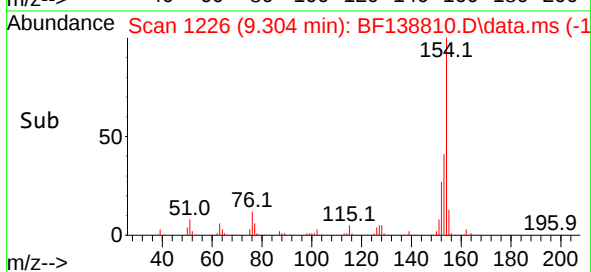
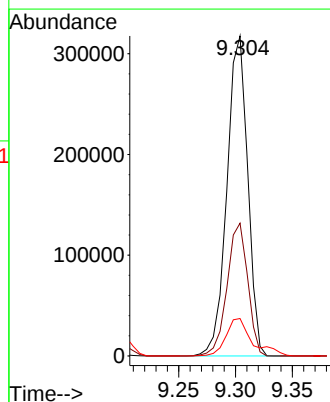
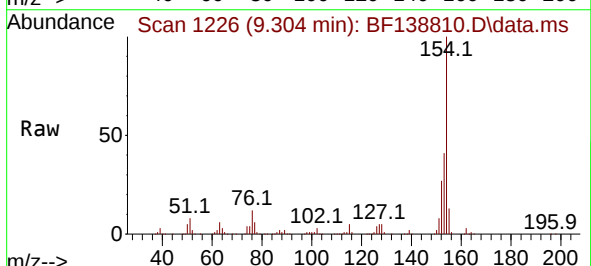
APPROVED

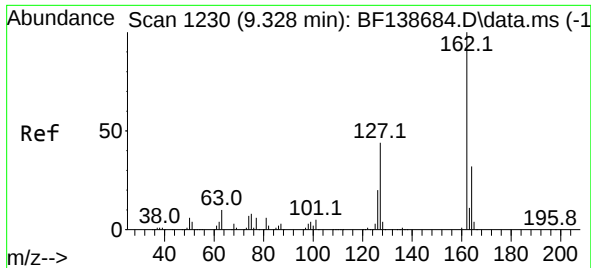
Reviewed By :Yogesh Patel 08/07/2024
Supervised By :mohammad ahmed 08/08/2024



#46
1,1'-Biphenyl
Concen: 42.082 ng
RT: 9.304 min Scan# 1226
Delta R.T. -0.000 min
Lab File: BF138810.D
Acq: 06 Aug 2024 15:29

Tgt Ion:154 Resp: 403521
Ion Ratio Lower Upper
154 100
153 41.5 20.8 60.8
76 11.7 0.0 32.8





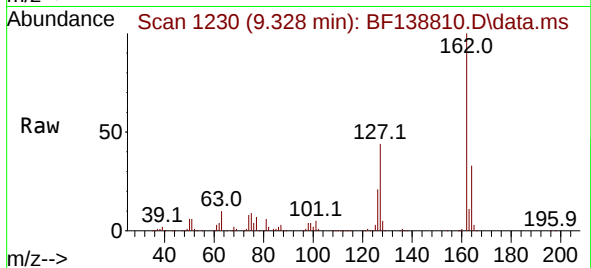
#47
2-Chloronaphthalene
Concen: 45.027 ng
RT: 9.328 min Scan# 1230
Delta R.T. -0.000 min
Lab File: BF138810.D
Acq: 06 Aug 2024 15:29

Instrument :

BNA_F

ClientSampleId :

PB162320BS

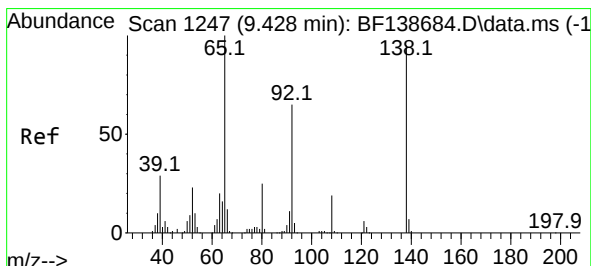
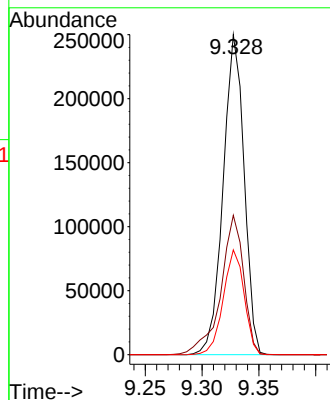
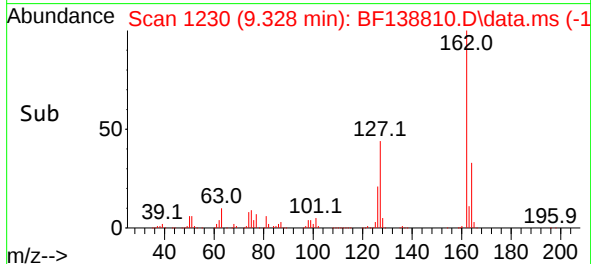


Tgt Ion:162 Resp: 32111
Ion Ratio Lower Upper
162 100
127 43.5 35.4 53.2
164 32.8 25.6 38.4

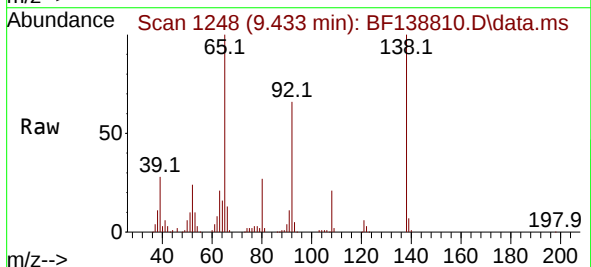
Manual Integrations

APPROVED

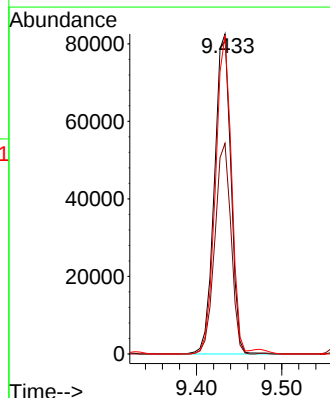
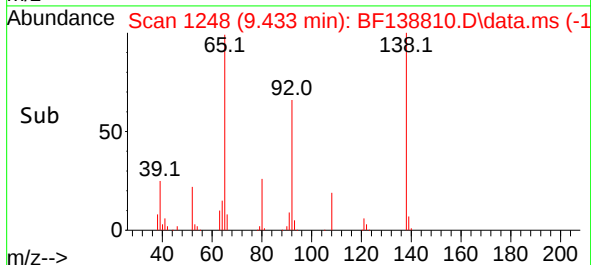
Reviewed By :Yogesh Patel 08/07/2024
Supervised By :mohammad ahmed 08/08/2024

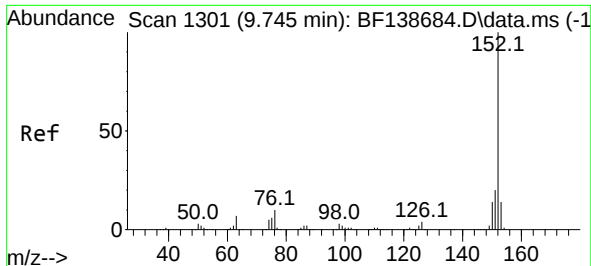


#48
2-Nitroaniline
Concen: 45.746 ng
RT: 9.433 min Scan# 1248
Delta R.T. 0.006 min
Lab File: BF138810.D
Acq: 06 Aug 2024 15:29



Tgt Ion: 65 Resp: 110601
Ion Ratio Lower Upper
65 100
92 65.8 52.0 78.0
138 99.6 76.2 114.4





#49
Acenaphthylene
Concen: 49.267 ng
RT: 9.745 min Scan# 1301
Delta R.T. -0.000 min
Lab File: BF138810.D
Acq: 06 Aug 2024 15:29

Instrument :

BNA_F

ClientSampleId :

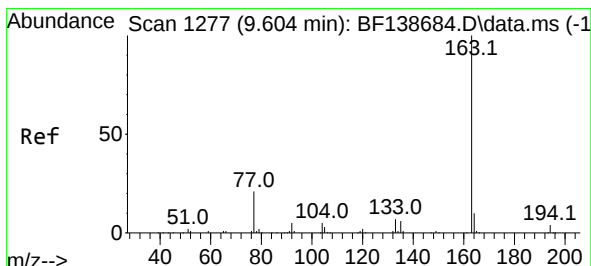
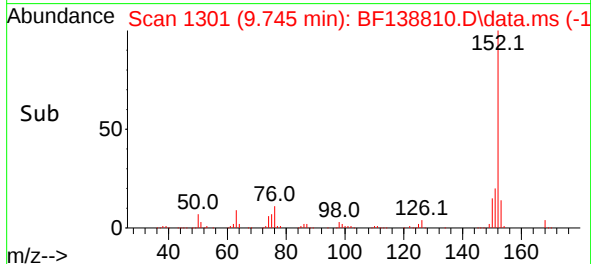
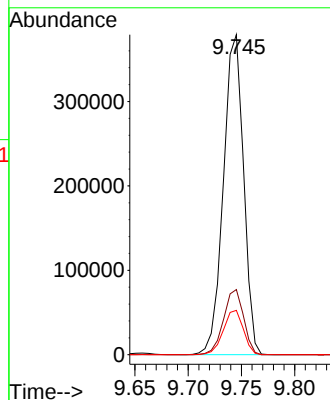
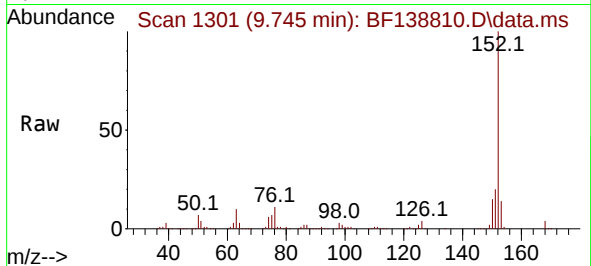
PB162320BS

Tgt Ion:152 Resp: 498330
Ion Ratio Lower Upper
152 100
151 20.4 16.0 24.0
153 13.8 11.0 16.4

Manual Integrations

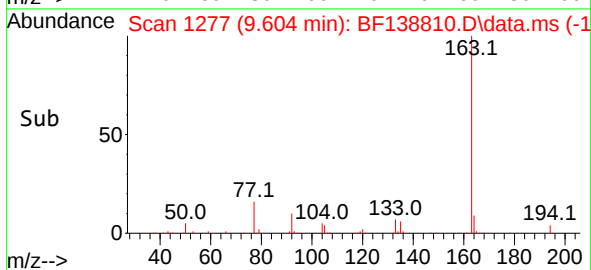
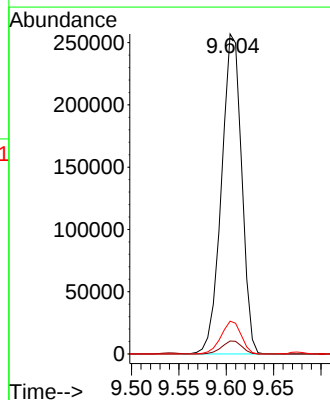
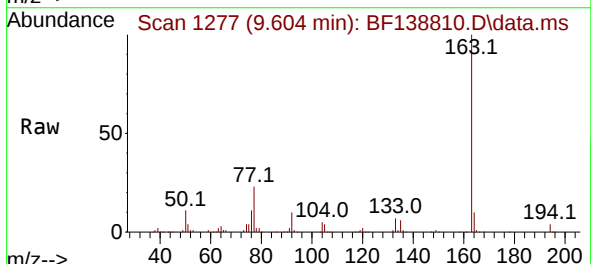
APPROVED

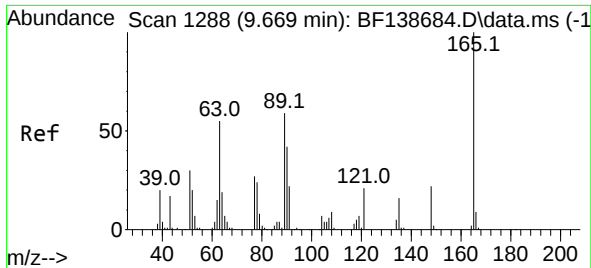
Reviewed By :Yogesh Patel 08/07/2024
Supervised By :mohammad ahmed 08/08/2024



#50
Dimethylphthalate
Concen: 48.704 ng
RT: 9.604 min Scan# 1277
Delta R.T. -0.000 min
Lab File: BF138810.D
Acq: 06 Aug 2024 15:29

Tgt Ion:163 Resp: 381287
Ion Ratio Lower Upper
163 100
194 4.0 3.1 4.7
164 10.3 7.8 11.8





#51
2,6-Dinitrotoluene
Concen: 46.679 ng
RT: 9.675 min Scan# 1289
Delta R.T. 0.006 min
Lab File: BF138810.D
Acq: 06 Aug 2024 15:29

Instrument :

BNA_F

ClientSampleId :

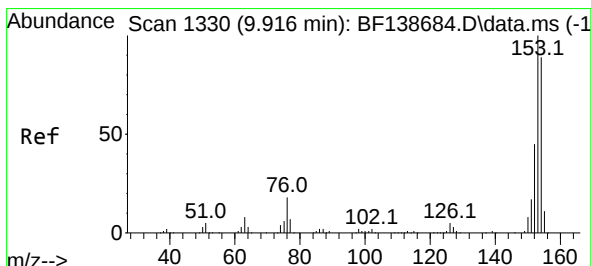
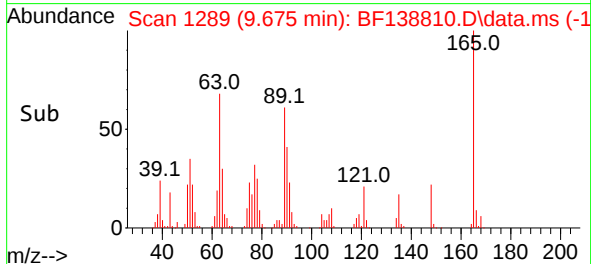
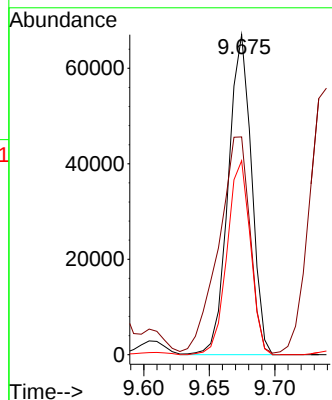
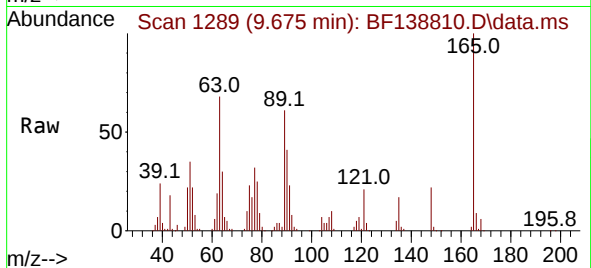
PB162320BS

Tgt Ion:165 Resp: 82472
Ion Ratio Lower Upper
165 100
63 68.1 52.0 78.0
89 60.6 47.0 70.6

Manual Integrations

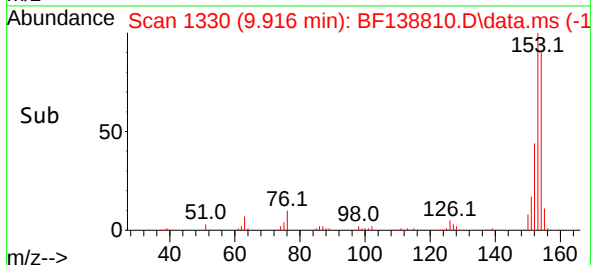
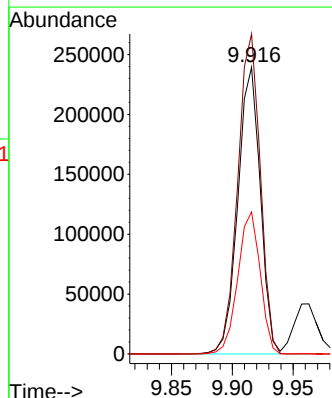
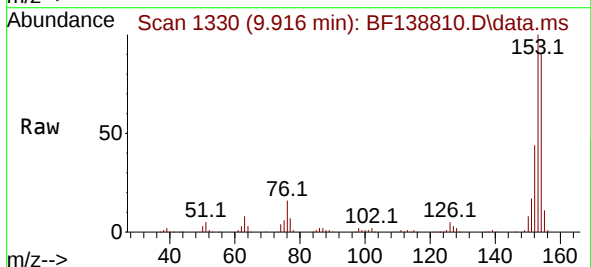
APPROVED

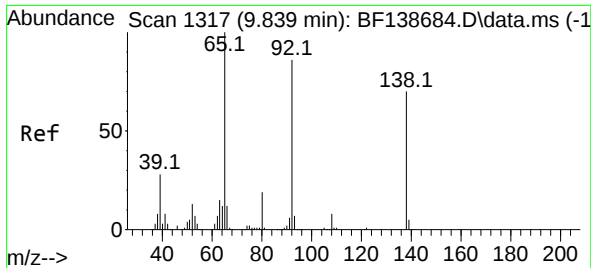
Reviewed By :Yogesh Patel 08/07/2024
Supervised By :mohammad ahmed 08/08/2024



#52
Acenaphthene
Concen: 45.234 ng
RT: 9.916 min Scan# 1330
Delta R.T. -0.000 min
Lab File: BF138810.D
Acq: 06 Aug 2024 15:29

Tgt Ion:154 Resp: 307561
Ion Ratio Lower Upper
154 100
153 111.6 89.9 134.9
152 49.6 40.6 60.8





#53
3-Nitroaniline
Concen: 29.820 ng
RT: 9.845 min Scan# 11
Delta R.T. 0.006 min
Lab File: BF138810.D
Acq: 06 Aug 2024 15:29

Instrument :

BNA_F

ClientSampleId :

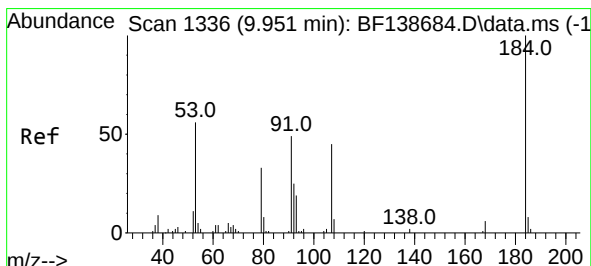
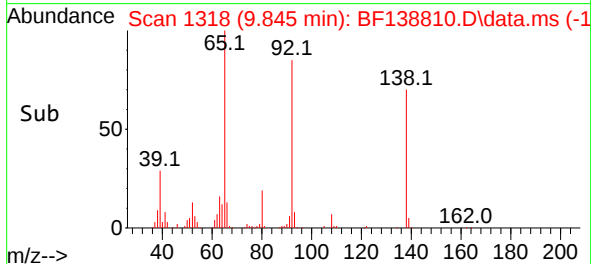
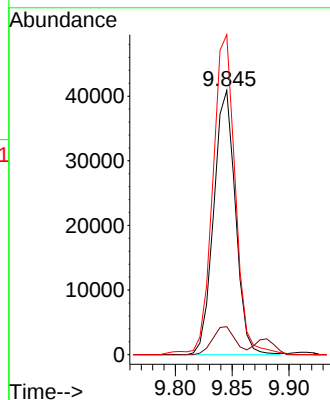
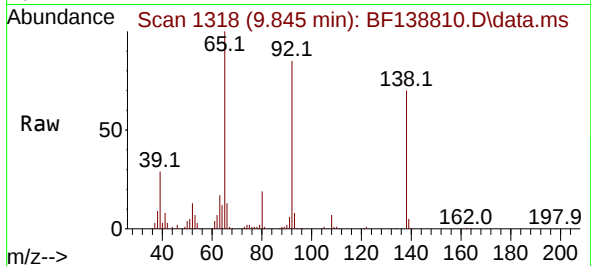
PB162320BS

Tgt Ion:138 Resp: 5446
Ion Ratio Lower Upper
138 100
108 10.6 9.1 13.7
92 121.1 98.7 148.1

Manual Integrations

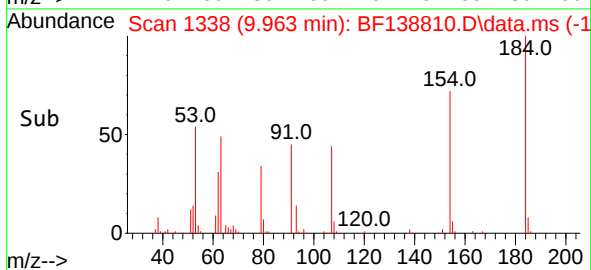
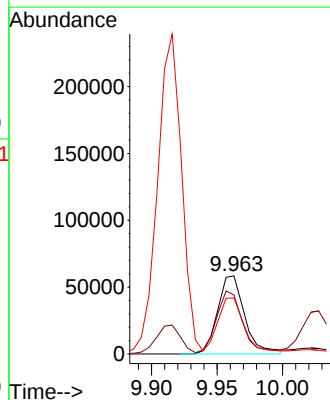
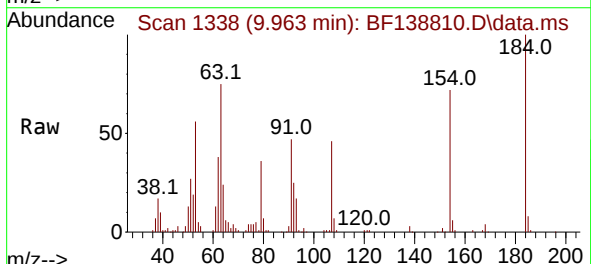
APPROVED

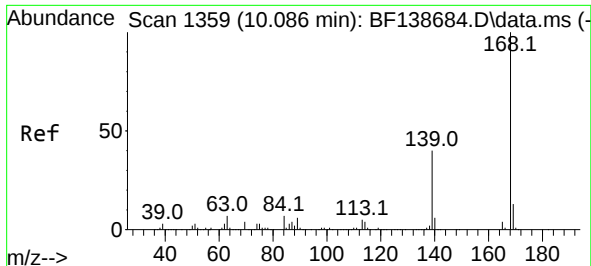
Reviewed By :Yogesh Patel 08/07/2024
Supervised By :mohammad ahmed 08/08/2024



#54
2,4-Dinitrophenol
Concen: 102.815 ng
RT: 9.963 min Scan# 1338
Delta R.T. 0.012 min
Lab File: BF138810.D
Acq: 06 Aug 2024 15:29

Tgt Ion:184 Resp: 83621
Ion Ratio Lower Upper
184 100
63 75.3 57.5 86.3
154 71.6 51.7 77.5





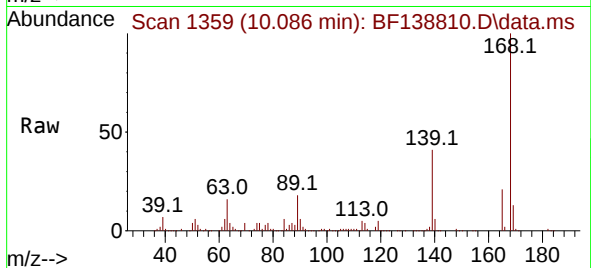
#55
Dibenzofuran
Concen: 47.476 ng
RT: 10.086 min Scan# 11
Delta R.T. -0.000 min
Lab File: BF138810.D
Acq: 06 Aug 2024 15:29

Instrument :

BNA_F

ClientSampleId :

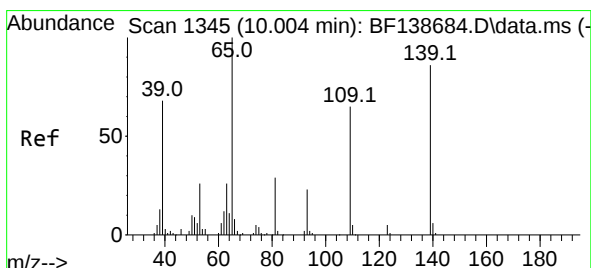
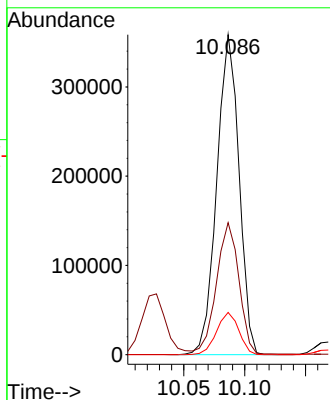
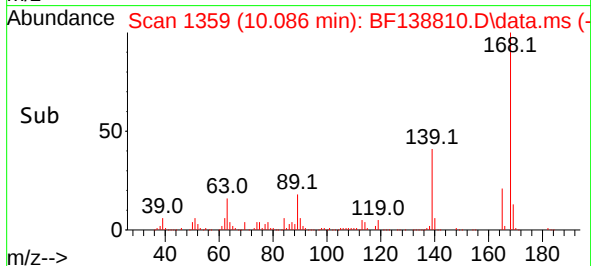
PB162320BS



Tgt Ion:168 Resp: 45567
Ion Ratio Lower Upper
168 100
139 41.2 32.6 49.0
169 13.2 10.7 16.1

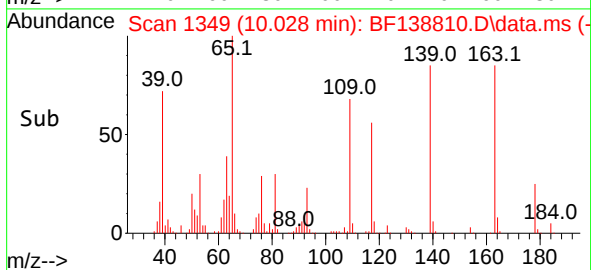
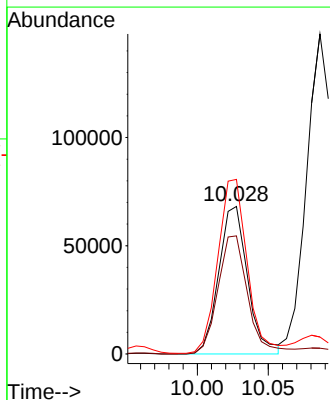
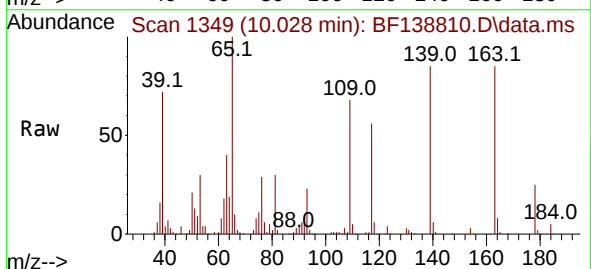
Manual Integrations
APPROVED

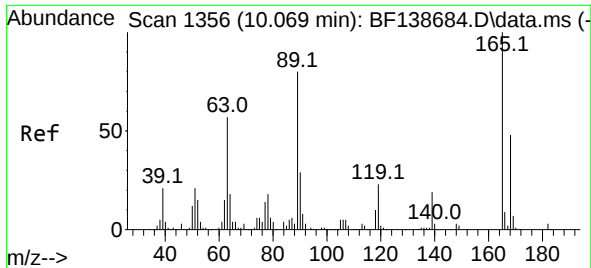
Reviewed By :Yogesh Patel 08/07/2024
Supervised By :mohammad ahmed 08/08/2024



#56
4-Nitrophenol
Concen: 87.964 ng
RT: 10.028 min Scan# 1349
Delta R.T. 0.024 min
Lab File: BF138810.D
Acq: 06 Aug 2024 15:29

Tgt Ion:139 Resp: 96615
Ion Ratio Lower Upper
139 100
109 80.0 55.5 95.5
65 118.3 96.7 136.7





#57
2,4-Dinitrotoluene
Concen: 50.129 ng
RT: 10.080 min Scan# 11
Delta R.T. 0.012 min
Lab File: BF138810.D
Acq: 06 Aug 2024 15:29

Instrument :

BNA_F

ClientSampleId :

PB162320BS

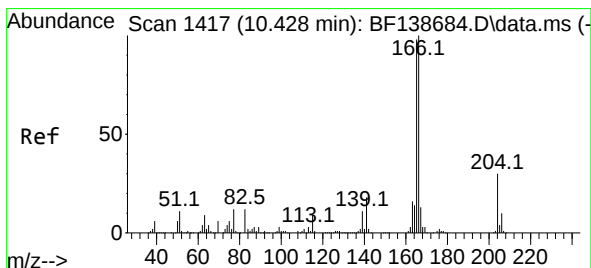
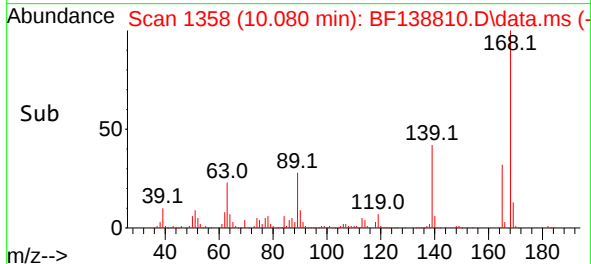
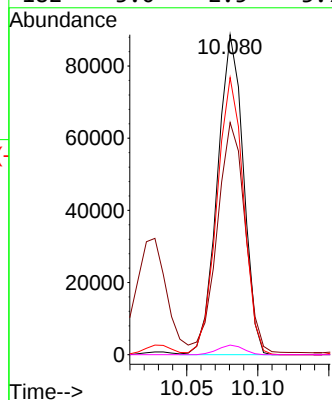
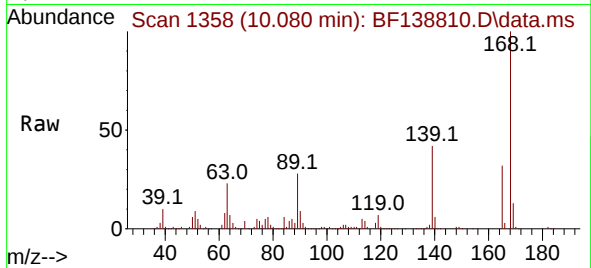
Tgt Ion:165 Resp: 112998
Ion Ratio Lower Upper
165 100
63 72.5 46.3 69.5
89 86.6 64.2 96.4
182 3.0 2.5 3.7

Manual Integrations

APPROVED

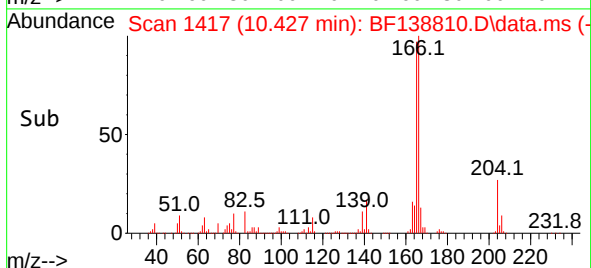
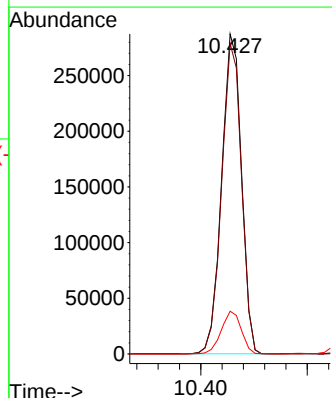
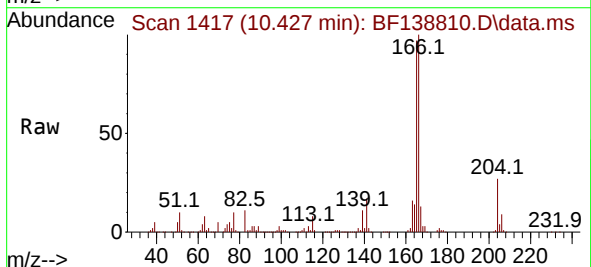
Reviewed By :Yogesh Patel 08/07/2024

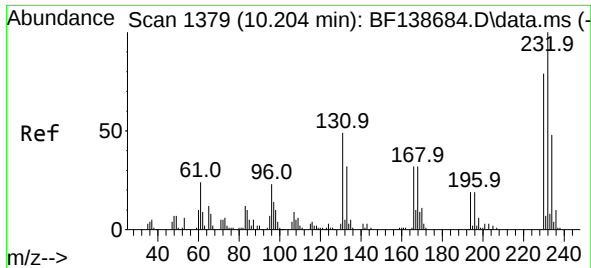
Supervised By :mohammad ahmed 08/08/2024



#58
Fluorene
Concen: 48.410 ng
RT: 10.427 min Scan# 1417
Delta R.T. -0.000 min
Lab File: BF138810.D
Acq: 06 Aug 2024 15:29

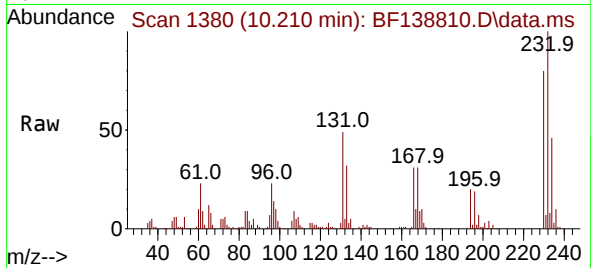
Tgt Ion:166 Resp: 370008
Ion Ratio Lower Upper
166 100
165 97.1 78.4 117.6
167 13.4 10.6 16.0





#59
2,3,4,6-Tetrachlorophenol
Concen: 50.050 ng
RT: 10.210 min Scan# 1380
Delta R.T. 0.006 min
Lab File: BF138810.D
Acq: 06 Aug 2024 15:29

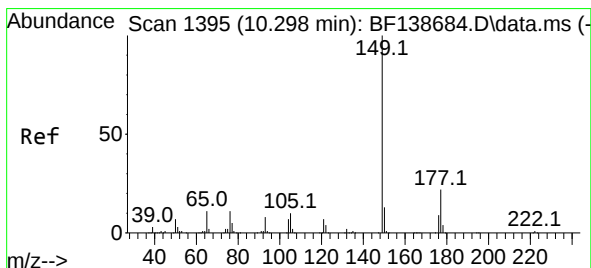
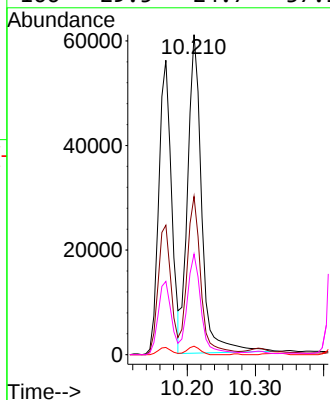
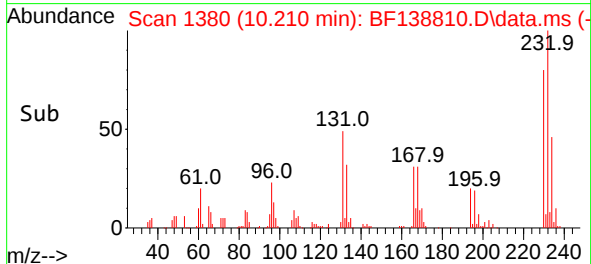
Instrument :
BNA_F
ClientSampleId :
PB162320BS



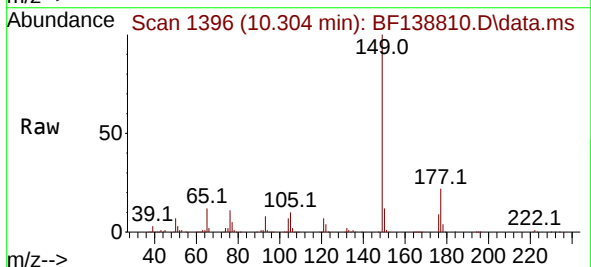
Tgt Ion:232 Resp: 8674
Ion Ratio Lower Upper
232 100
131 48.2 37.0 55.4
130 2.5 2.0 3.0
166 29.5 24.7 37.1

Manual Integrations
APPROVED

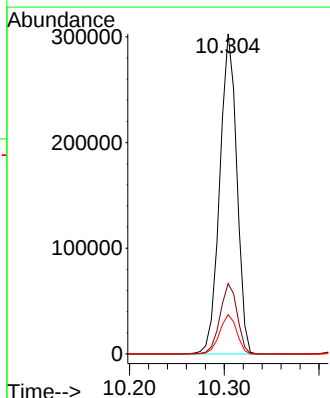
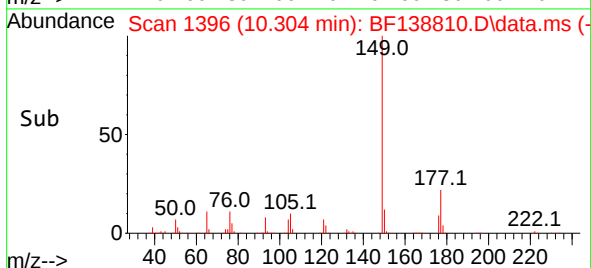
Reviewed By :Yogesh Patel 08/07/2024
Supervised By :mohammad ahmed 08/08/2024

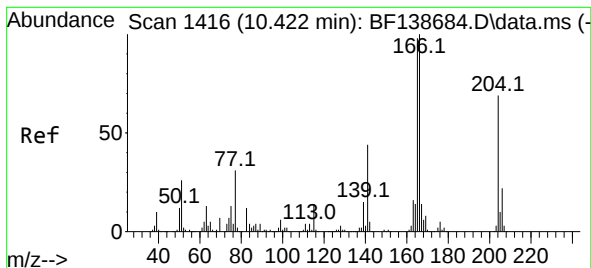


#60
Diethylphthalate
Concen: 51.100 ng
RT: 10.304 min Scan# 1396
Delta R.T. 0.006 min
Lab File: BF138810.D
Acq: 06 Aug 2024 15:29



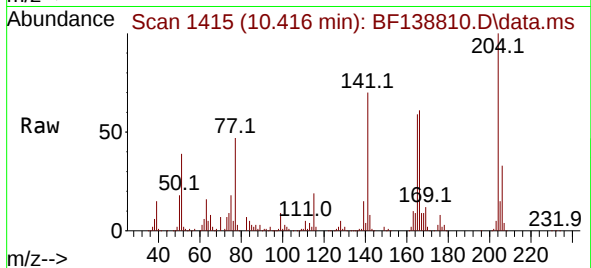
Tgt Ion:149 Resp: 379312
Ion Ratio Lower Upper
149 100
177 22.0 17.8 26.8
150 12.3 10.1 15.1





#61
4-Chlorophenyl-phenylether
Concen: 47.033 ng
RT: 10.416 min Scan# 1416
Delta R.T. -0.006 min
Lab File: BF138810.D
Acq: 06 Aug 2024 15:29

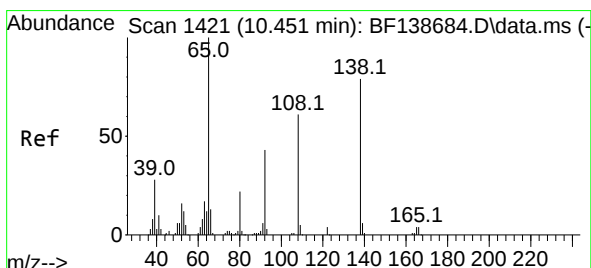
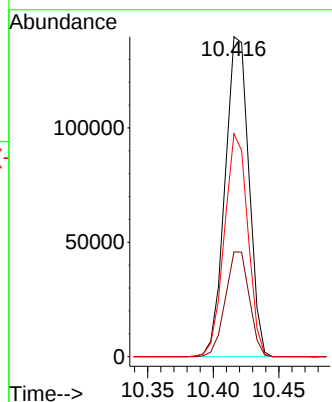
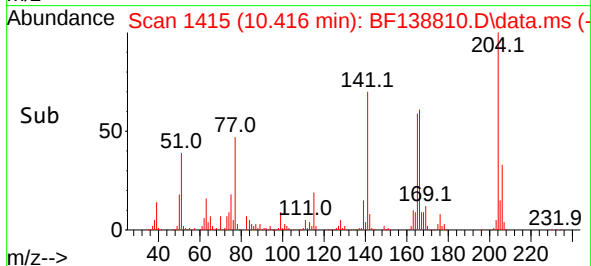
Instrument :
BNA_F
ClientSampleId :
PB162320BS



Tgt Ion:204 Resp: 17680
Ion Ratio Lower Upper
204 100
206 32.7 26.1 39.1
141 69.7 51.4 77.0

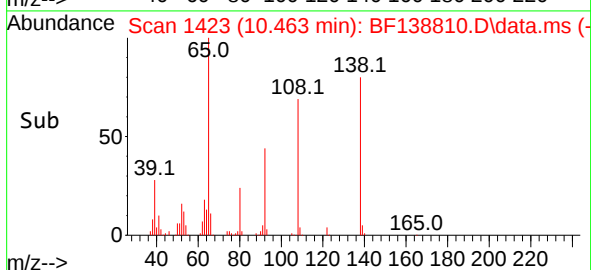
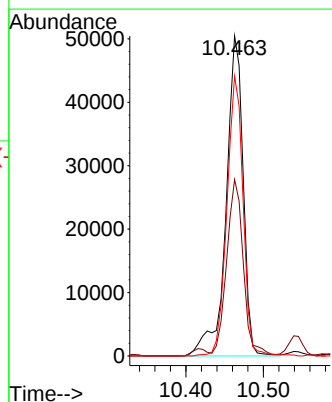
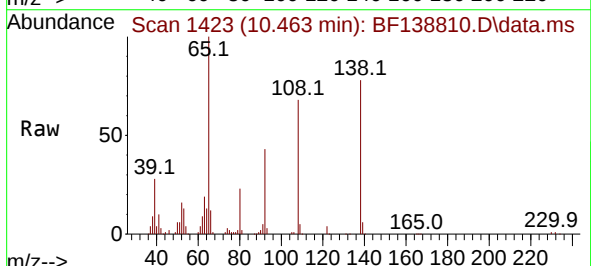
Manual Integrations
APPROVED

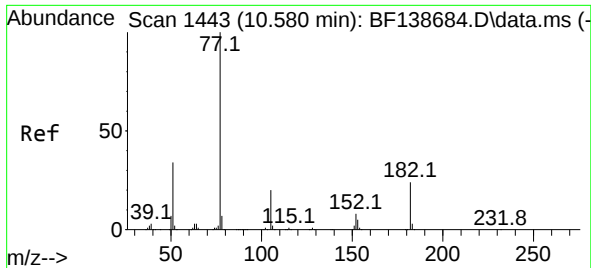
Reviewed By :Yogesh Patel 08/07/2024
Supervised By :mohammad ahmed 08/08/2024



#62
4-Nitroaniline
Concen: 44.798 ng
RT: 10.463 min Scan# 1423
Delta R.T. 0.012 min
Lab File: BF138810.D
Acq: 06 Aug 2024 15:29

Tgt Ion:138 Resp: 77757
Ion Ratio Lower Upper
138 100
92 55.2 34.2 74.2
108 87.4 56.2 96.2





#63
Azobenzene
Concen: 46.542 ng
RT: 10.580 min Scan# 1443
Delta R.T. -0.000 min
Lab File: BF138810.D
Acq: 06 Aug 2024 15:29

Instrument :

BNA_F

ClientSampleId :

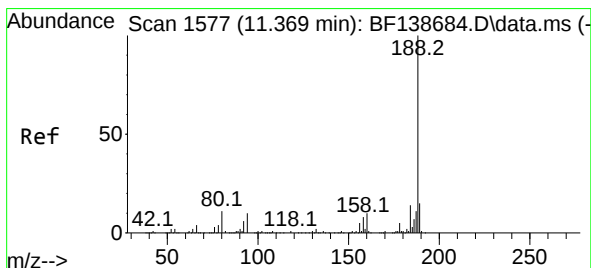
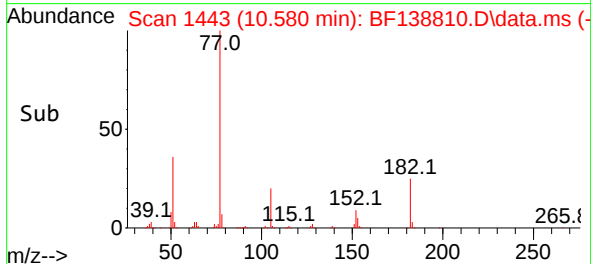
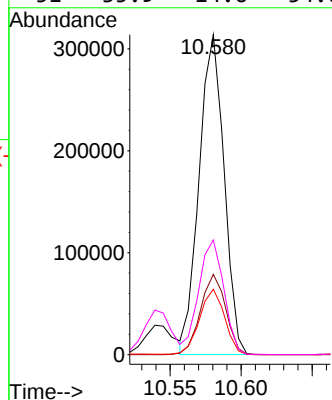
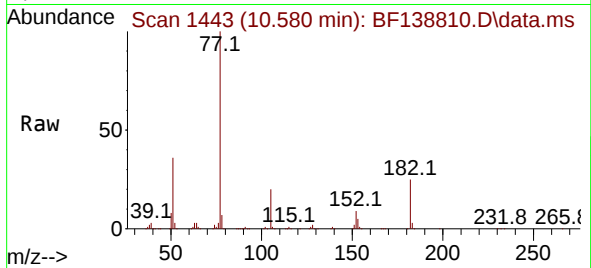
PB162320BS

Tgt Ion: 77 Resp: 383170
Ion Ratio Lower Upper
77 100
182 25.1 3.4 43.4
105 20.4 0.2 40.2
51 35.9 14.6 54.6

Manual Integrations

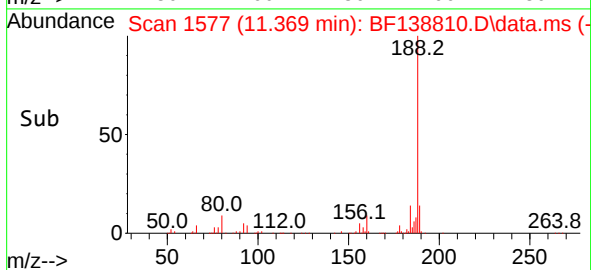
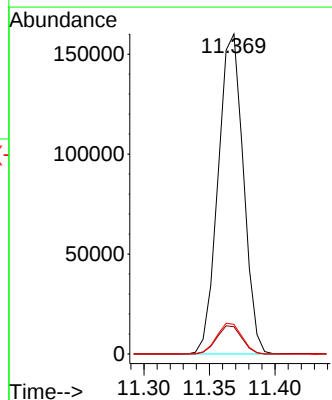
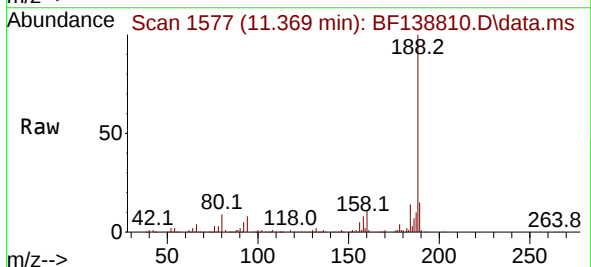
APPROVED

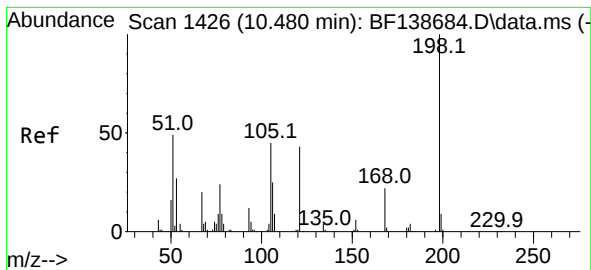
Reviewed By :Yogesh Patel 08/07/2024
Supervised By :mohammad ahmed 08/08/2024



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.369 min Scan# 1577
Delta R.T. -0.000 min
Lab File: BF138810.D
Acq: 06 Aug 2024 15:29

Tgt Ion:188 Resp: 214350
Ion Ratio Lower Upper
188 100
94 8.5 7.6 11.4
80 9.2 8.6 12.8





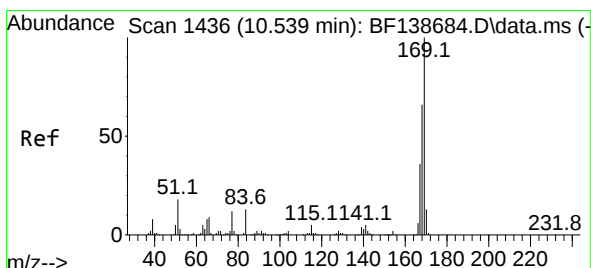
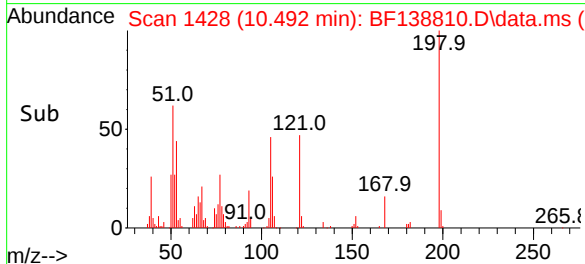
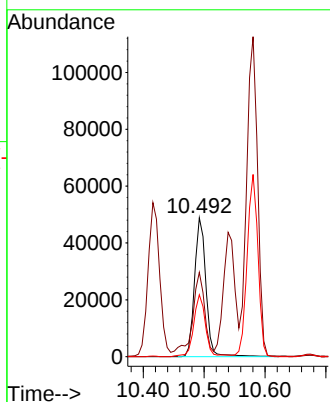
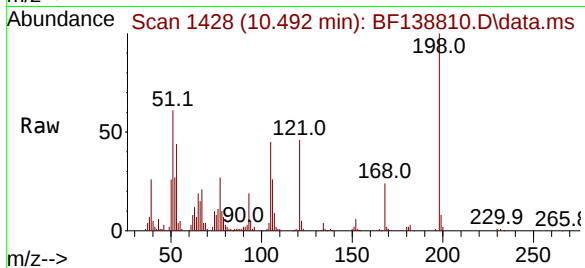
#65
4,6-Dinitro-2-methylphenol
Concen: 48.809 ng
RT: 10.492 min Scan# 1426
Delta R.T. 0.012 min
Lab File: BF138810.D
Acq: 06 Aug 2024 15:29

Instrument :
BNA_F
ClientSampleId :
PB162320BS

Tgt Ion:198 Resp: 63829
Ion Ratio Lower Upper
198 100
51 60.7 39.9 79.9
105 44.7 26.1 66.1

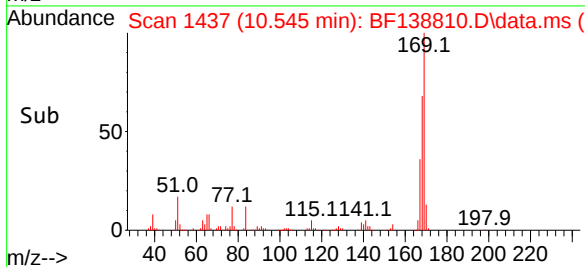
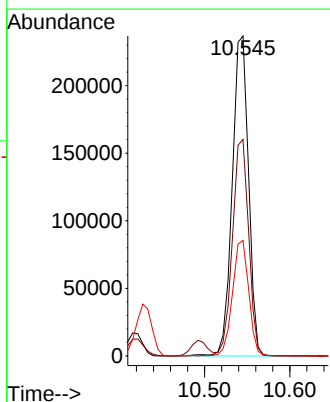
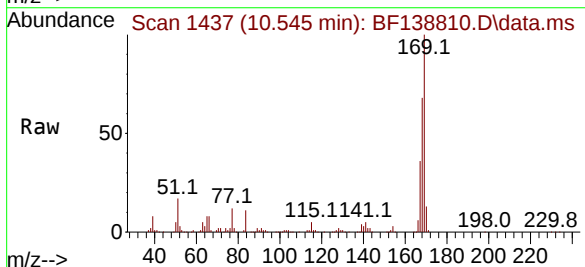
Manual Integrations
APPROVED

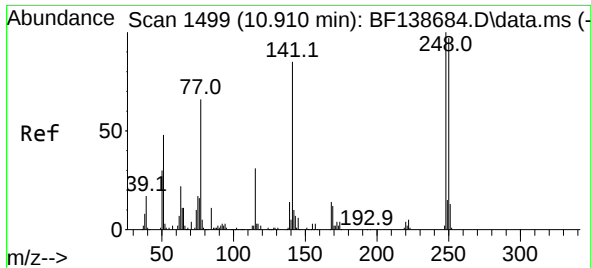
Reviewed By :Yogesh Patel 08/07/2024
Supervised By :mohammad ahmed 08/08/2024



#66
n-Nitrosodiphenylamine
Concen: 46.932 ng
RT: 10.545 min Scan# 1437
Delta R.T. 0.006 min
Lab File: BF138810.D
Acq: 06 Aug 2024 15:29

Tgt Ion:169 Resp: 314453
Ion Ratio Lower Upper
169 100
168 67.6 53.0 79.6
167 36.1 29.0 43.6





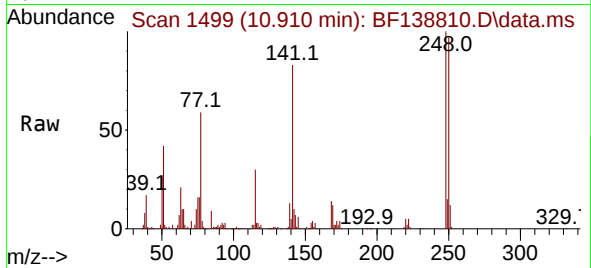
#67
4-Bromophenyl-phenylether
Concen: 46.112 ng
RT: 10.910 min Scan# 1499
Delta R.T. -0.000 min
Lab File: BF138810.D
Acq: 06 Aug 2024 15:29

Instrument :

BNA_F

ClientSampleId :

PB162320BS

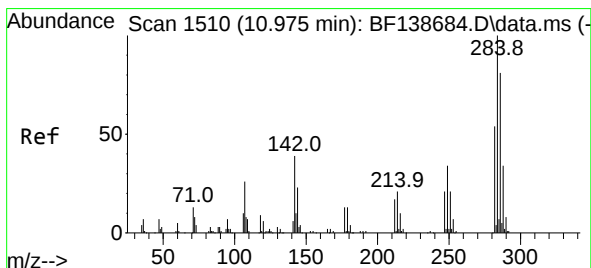
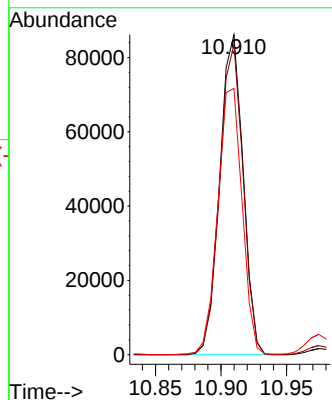
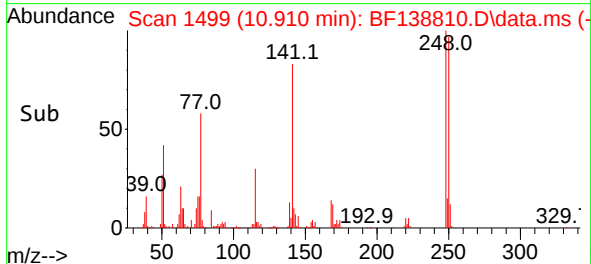


Tgt Ion:248 Resp: 107014
Ion Ratio Lower Upper
248 100
250 97.0 77.7 116.5
141 83.2 68.0 102.0

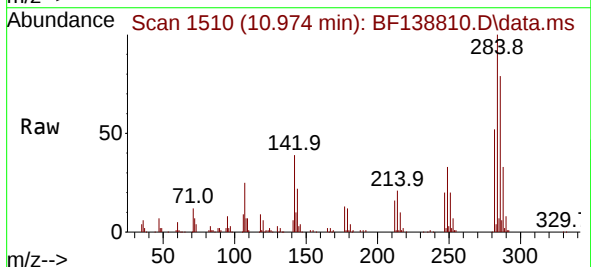
Manual Integrations

APPROVED

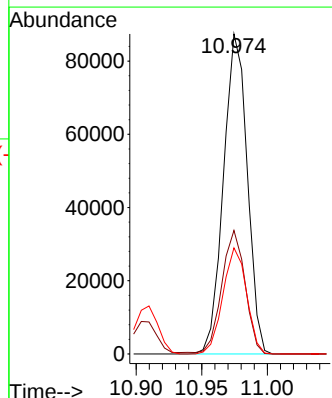
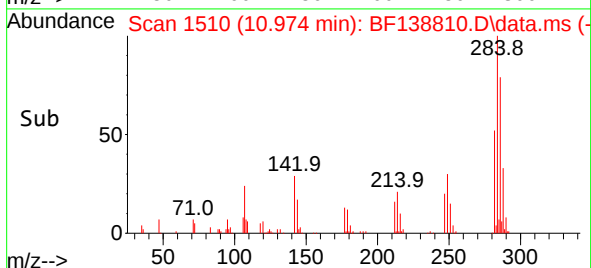
Reviewed By :Yogesh Patel 08/07/2024
Supervised By :mohammad ahmed 08/08/2024

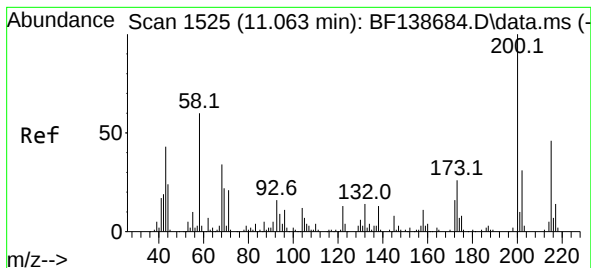


#68
Hexachlorobenzene
Concen: 46.008 ng
RT: 10.974 min Scan# 1510
Delta R.T. -0.000 min
Lab File: BF138810.D
Acq: 06 Aug 2024 15:29



Tgt Ion:284 Resp: 110243
Ion Ratio Lower Upper
284 100
142 38.6 31.3 46.9
249 33.2 27.2 40.8





#69

Atrazine

Concen: 54.761 ng

RT: 11.069 min Scan# 1106

Delta R.T. 0.006 min

Lab File: BF138810.D

Acq: 06 Aug 2024 15:29

Instrument :

BNA_F

ClientSampleId :

PB162320BS

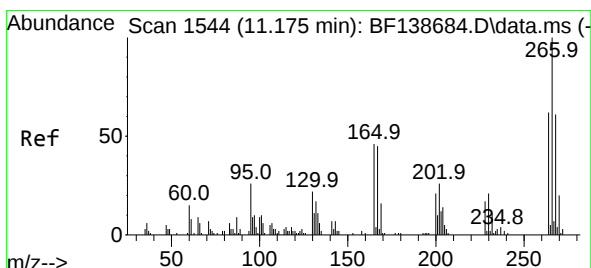
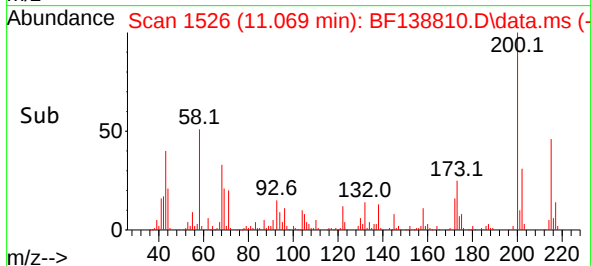
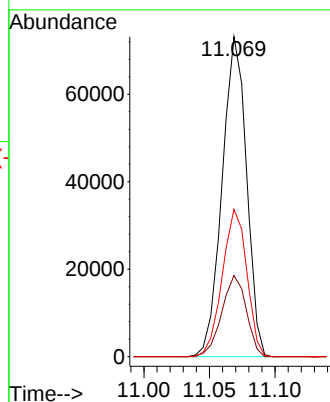
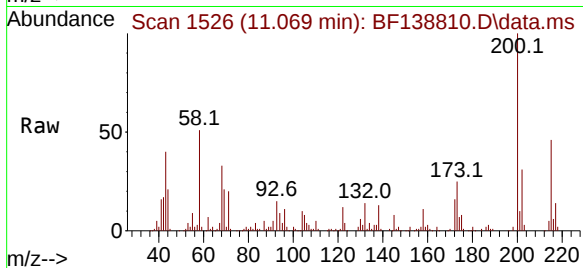
Tgt Ion:200 Resp: 94662
 Ion Ratio Lower Upper
 200 100
 173 25.3 6.0 46.0
 215 46.0 26.1 66.1

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 08/07/2024

Supervised By :mohammad ahmed 08/08/2024



#70

Pentachlorophenol

Concen: 83.508 ng

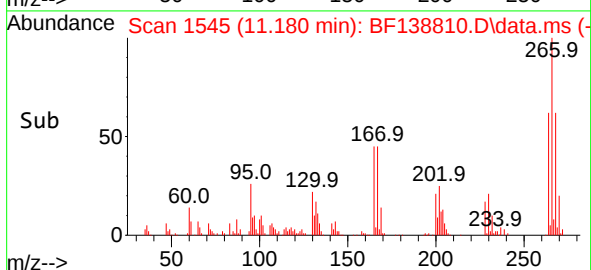
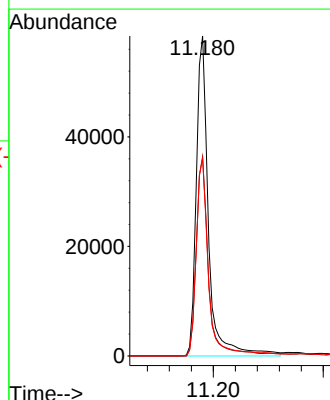
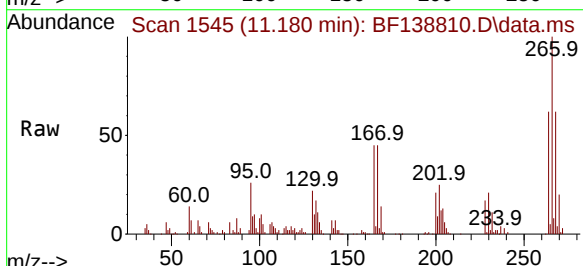
RT: 11.180 min Scan# 1545

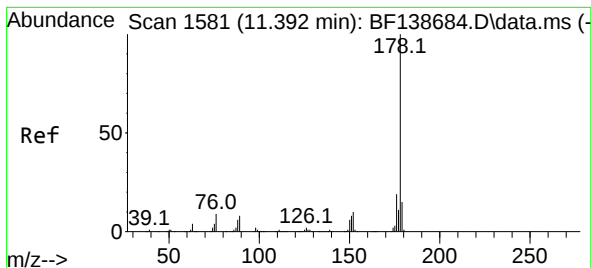
Delta R.T. 0.005 min

Lab File: BF138810.D

Acq: 06 Aug 2024 15:29

Tgt Ion:266 Resp: 90194
 Ion Ratio Lower Upper
 266 100
 268 62.3 49.2 73.8
 264 61.8 49.8 74.6





#71
Phenanthrene
Concen: 47.169 ng
RT: 11.392 min Scan# 1581
Delta R.T. -0.000 min
Lab File: BF138810.D
Acq: 06 Aug 2024 15:29

Instrument :

BNA_F

ClientSampleId :

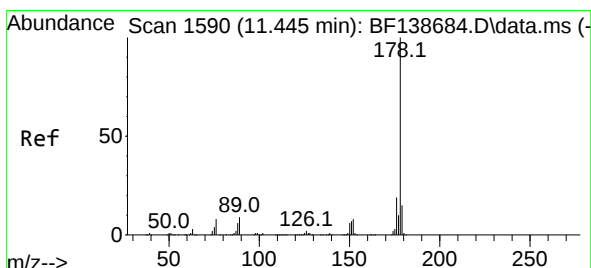
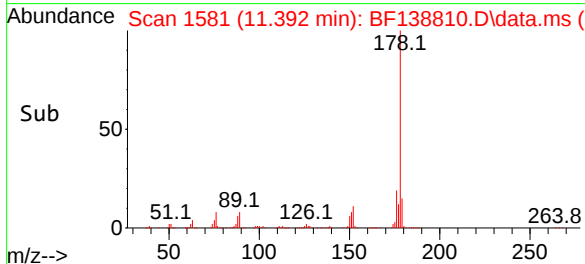
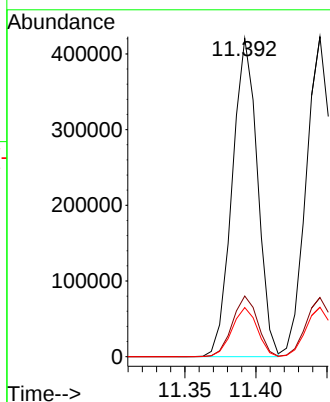
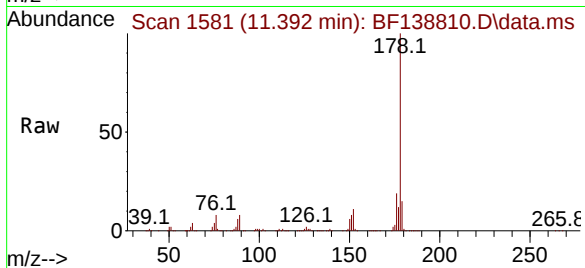
PB162320BS

Tgt Ion:178 Resp: 520618
Ion Ratio Lower Upper
178 100
176 19.1 15.4 23.0
179 15.4 12.2 18.2

Manual Integrations

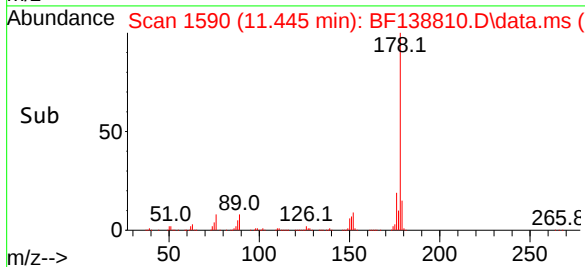
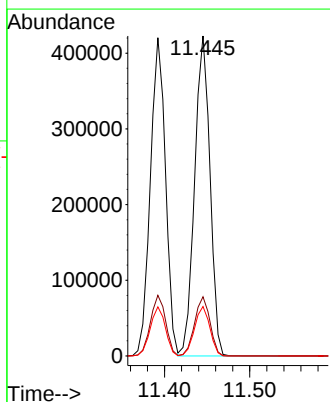
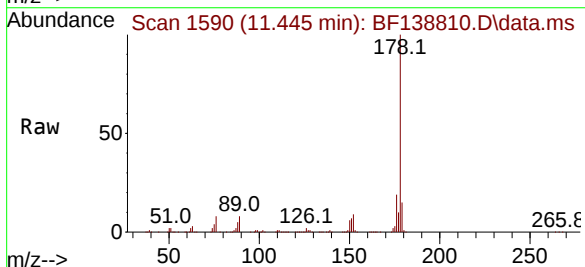
APPROVED

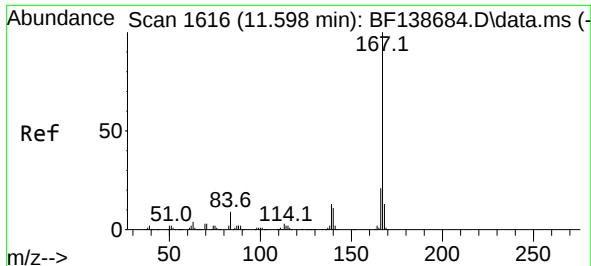
Reviewed By :Yogesh Patel 08/07/2024
Supervised By :mohammad ahmed 08/08/2024



#72
Anthracene
Concen: 48.619 ng
RT: 11.445 min Scan# 1590
Delta R.T. -0.000 min
Lab File: BF138810.D
Acq: 06 Aug 2024 15:29

Tgt Ion:178 Resp: 528644
Ion Ratio Lower Upper
178 100
176 18.5 14.9 22.3
179 15.5 12.4 18.6





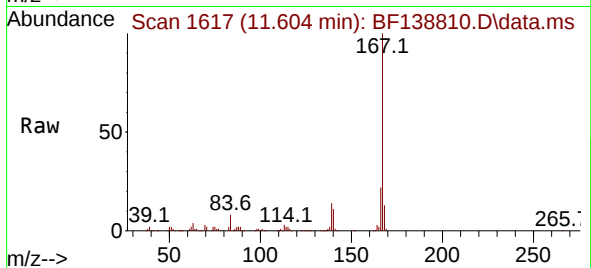
#73
 Carbazole
 Concen: 47.337 ng
 RT: 11.604 min Scan# 1616
 Delta R.T. 0.006 min
 Lab File: BF138810.D
 Acq: 06 Aug 2024 15:29

Instrument :

BNA_F

ClientSampleId :

PB162320BS



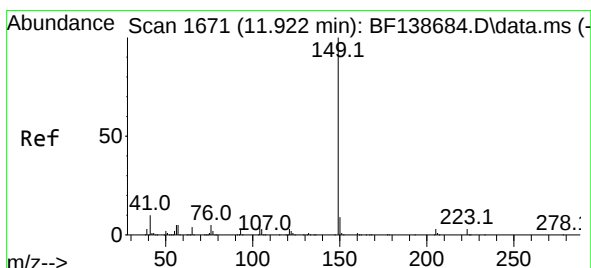
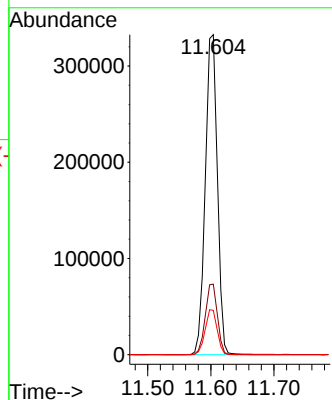
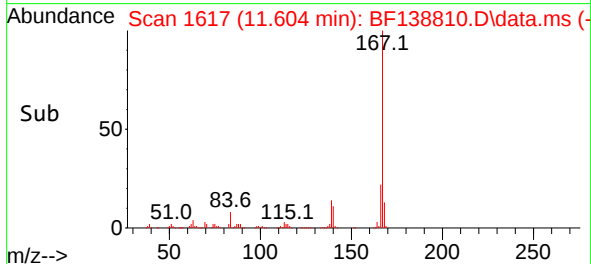
Tgt Ion:167 Resp: 444068
 Ion Ratio Lower Upper
 167 100
 166 22.0 17.2 25.8
 139 13.8 10.6 16.0

Manual Integrations

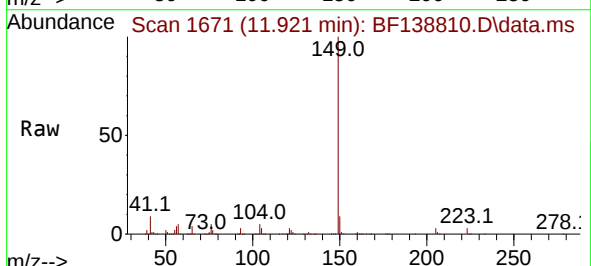
APPROVED

Reviewed By :Yogesh Patel 08/07/2024

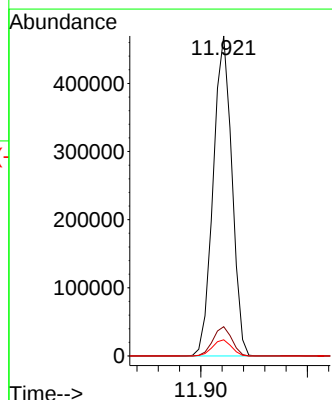
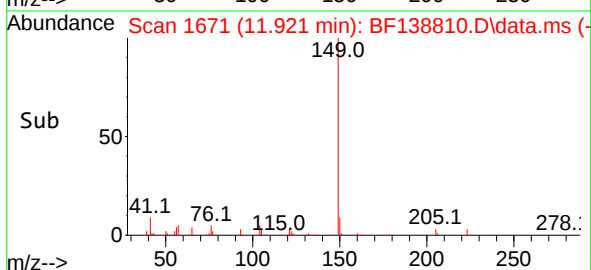
Supervised By :mohammad ahmed 08/08/2024

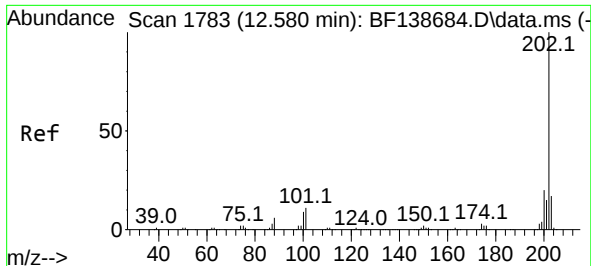


#74
 Di-n-butylphthalate
 Concen: 54.340 ng
 RT: 11.921 min Scan# 1671
 Delta R.T. -0.000 min
 Lab File: BF138810.D
 Acq: 06 Aug 2024 15:29



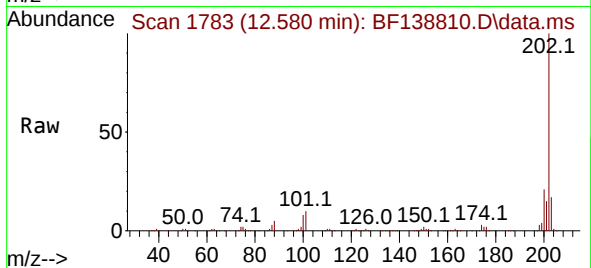
Tgt Ion:149 Resp: 573050
 Ion Ratio Lower Upper
 149 100
 150 9.1 7.4 11.0
 104 5.0 4.1 6.1





#75
Fluoranthene
Concen: 47.536 ng
RT: 12.580 min Scan# 1783
Delta R.T. -0.000 min
Lab File: BF138810.D
Acq: 06 Aug 2024 15:29

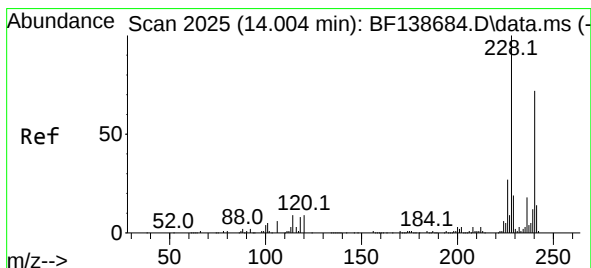
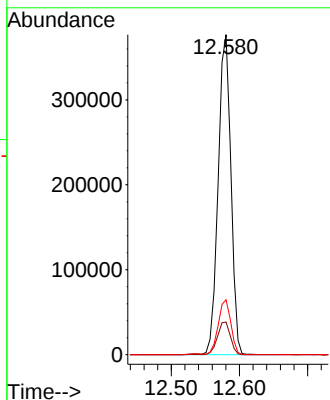
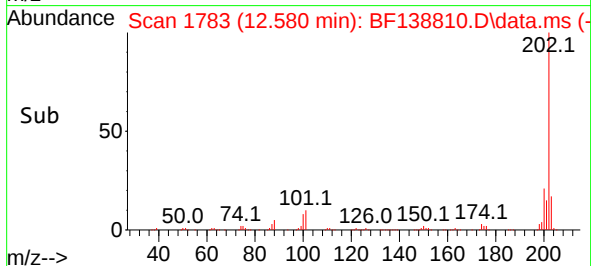
Instrument :
BNA_F
ClientSampleId :
PB162320BS



Tgt Ion:202 Resp: 48981
Ion Ratio Lower Upper
202 100
101 10.2 0.0 31.2
203 17.2 0.0 37.3

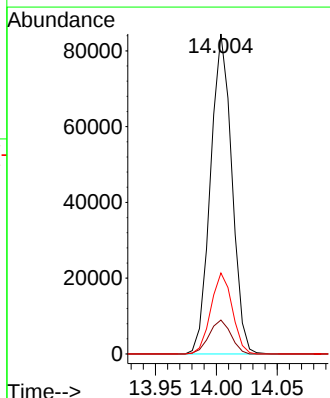
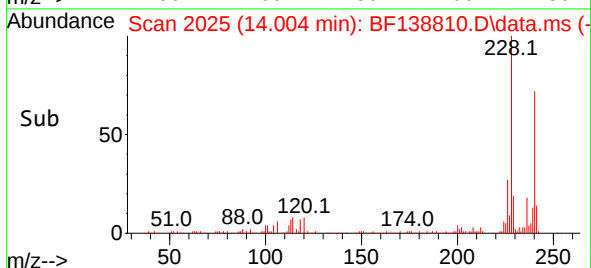
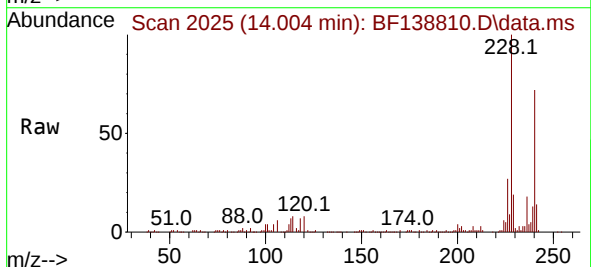
Manual Integrations
APPROVED

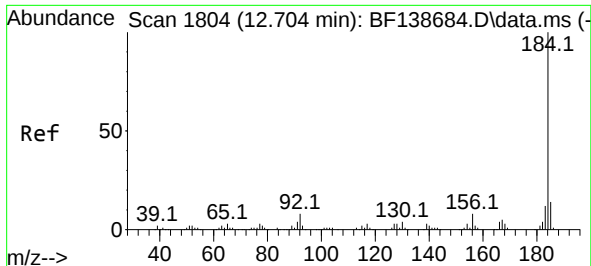
Reviewed By :Yogesh Patel 08/07/2024
Supervised By :mohammad ahmed 08/08/2024



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.004 min Scan# 2025
Delta R.T. -0.000 min
Lab File: BF138810.D
Acq: 06 Aug 2024 15:29

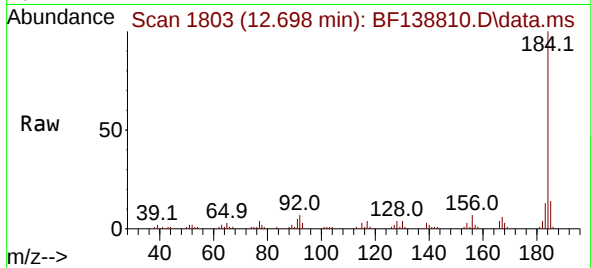
Tgt Ion:240 Resp: 103075
Ion Ratio Lower Upper
240 100
120 10.6 10.2 15.4
236 25.3 19.8 29.8





#77
Benzidine
Concen: 15.792 ng
RT: 12.698 min Scan# 1803
Delta R.T. -0.006 min
Lab File: BF138810.D
Acq: 06 Aug 2024 15:29

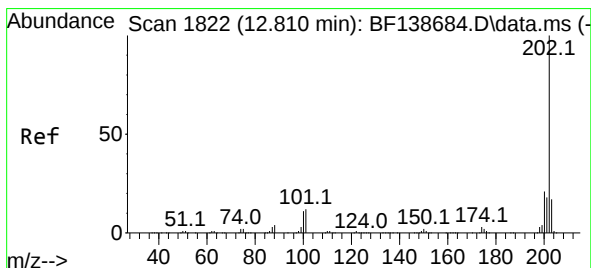
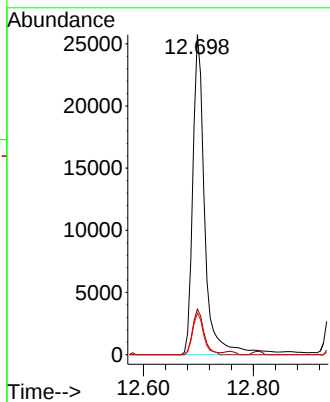
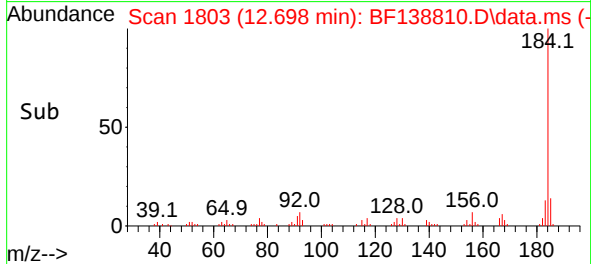
Instrument :
BNA_F
ClientSampleId :
PB162320BS



Tgt Ion:184 Resp: 3893
Ion Ratio Lower Upper
184 100
185 14.2 11.1 16.7
183 13.0 9.6 14.4

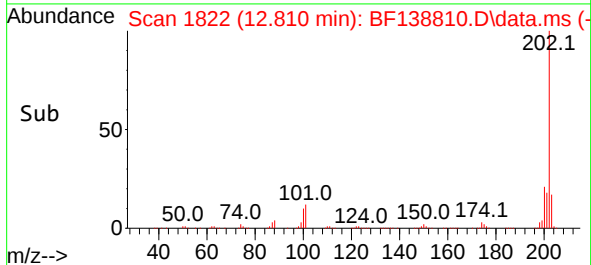
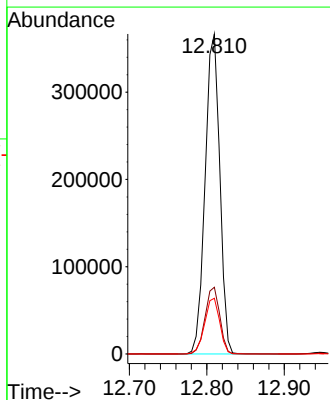
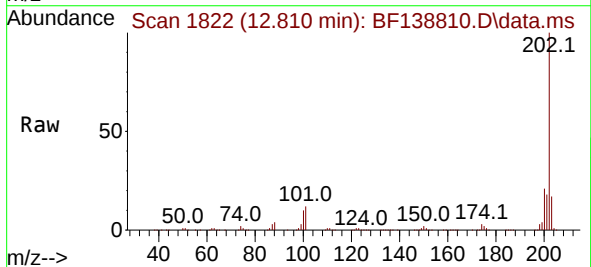
Manual Integrations
APPROVED

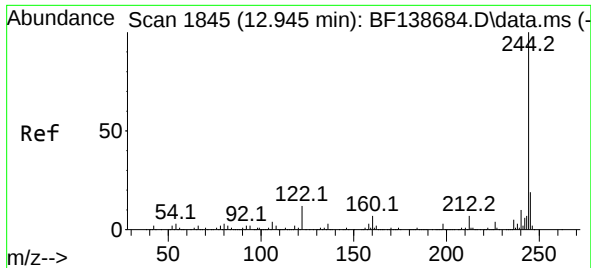
Reviewed By :Yogesh Patel 08/07/2024
Supervised By :mohammad ahmed 08/08/2024



#78
Pyrene
Concen: 49.626 ng
RT: 12.810 min Scan# 1822
Delta R.T. -0.000 min
Lab File: BF138810.D
Acq: 06 Aug 2024 15:29

Tgt Ion:202 Resp: 481612
Ion Ratio Lower Upper
202 100
200 20.8 16.8 25.2
203 17.4 13.8 20.6





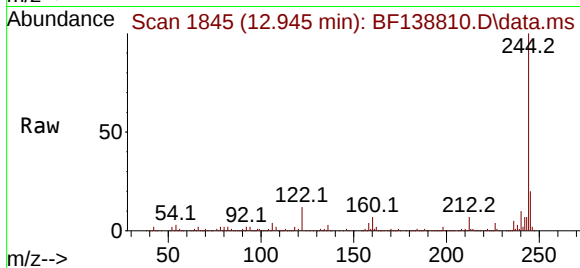
#79
 Terphenyl-d14
 Concen: 114.474 ng
 RT: 12.945 min Scan# 1845
 Delta R.T. -0.000 min
 Lab File: BF138810.D
 Acq: 06 Aug 2024 15:29

Instrument :

BNA_F

ClientSampleId :

PB162320BS

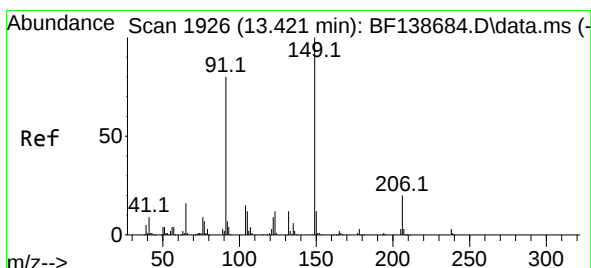
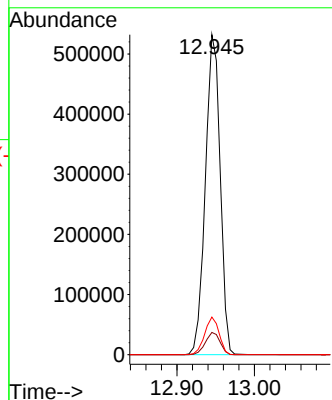
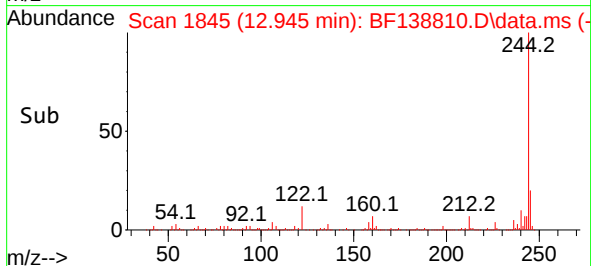


Tgt Ion:244 Resp: 704748
 Ion Ratio Lower Upper
 244 100
 212 7.0 5.4 8.2
 122 11.8 9.6 14.4

Manual Integrations

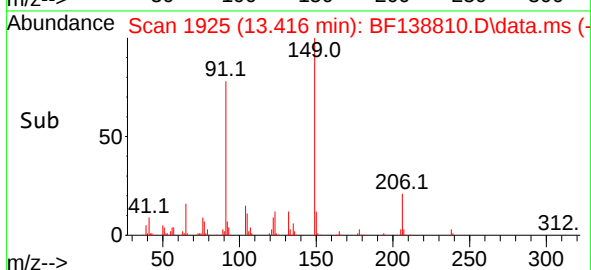
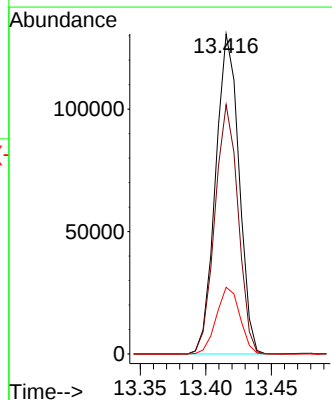
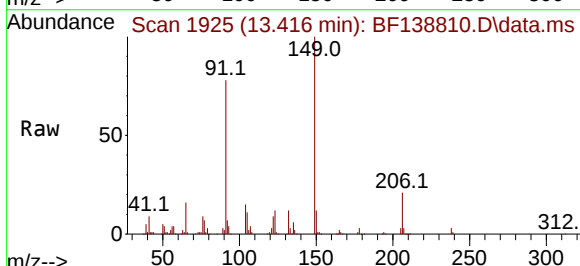
APPROVED

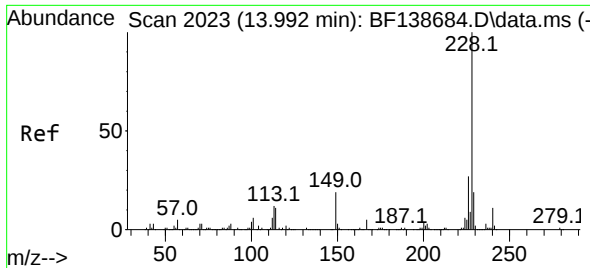
Reviewed By :Yogesh Patel 08/07/2024
 Supervised By :mohammad ahmed 08/08/2024



#80
 Butylbenzylphthalate
 Concen: 52.175 ng
 RT: 13.416 min Scan# 1925
 Delta R.T. -0.006 min
 Lab File: BF138810.D
 Acq: 06 Aug 2024 15:29

Tgt Ion:149 Resp: 162146
 Ion Ratio Lower Upper
 149 100
 91 77.9 63.7 95.5
 206 20.8 16.2 24.2





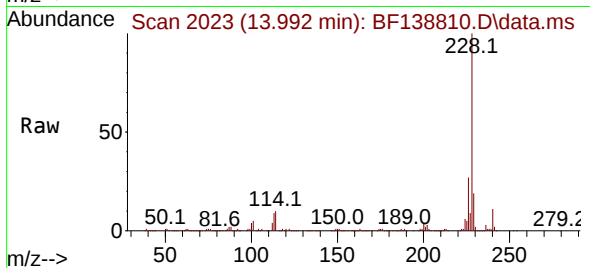
#81
Benzo(a)anthracene
Concen: 48.197 ng
RT: 13.992 min Scan# 2023
Delta R.T. -0.000 min
Lab File: BF138810.D
Acq: 06 Aug 2024 15:29

Instrument :

BNA_F

ClientSampleId :

PB162320BS

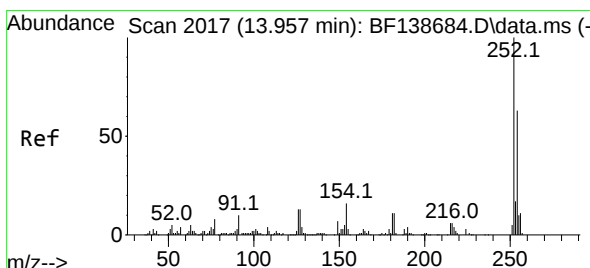
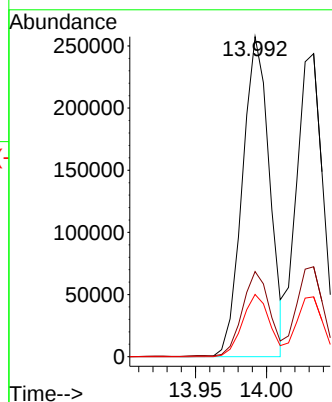
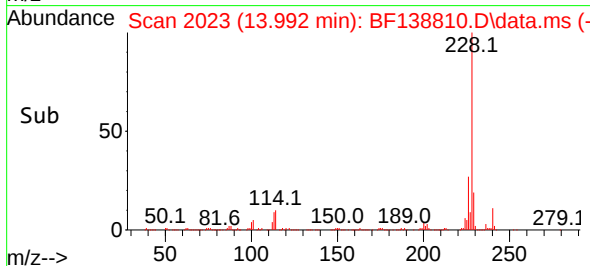


Tgt Ion:228 Resp: 342099
Ion Ratio Lower Upper
228 100
226 26.6 22.1 33.1
229 19.4 15.4 23.0

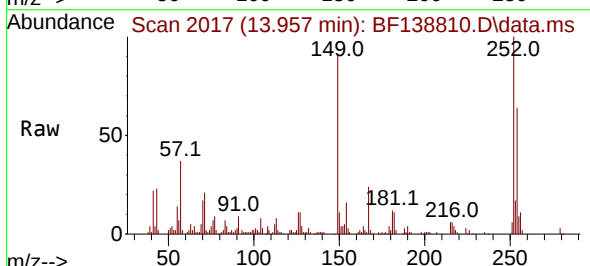
Manual Integrations

APPROVED

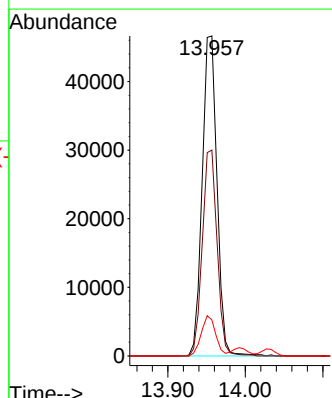
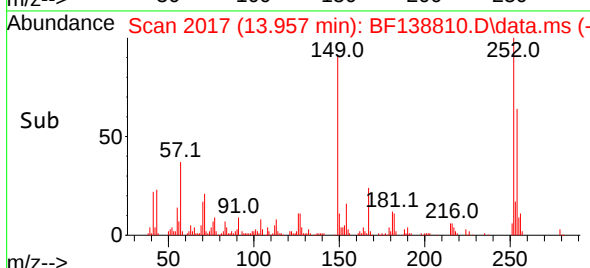
Reviewed By :Yogesh Patel 08/07/2024
Supervised By :mohammad ahmed 08/08/2024

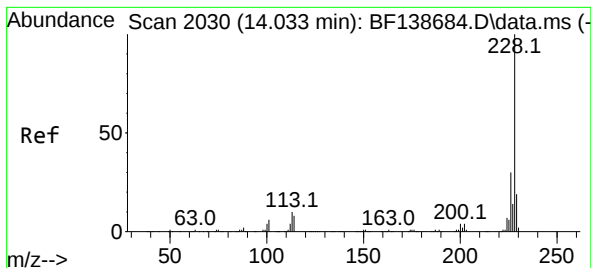


#82
3,3'-Dichlorobenzidine
Concen: 34.078 ng
RT: 13.957 min Scan# 2017
Delta R.T. -0.000 min
Lab File: BF138810.D
Acq: 06 Aug 2024 15:29



Tgt Ion:252 Resp: 61900
Ion Ratio Lower Upper
252 100
254 64.4 50.8 76.2
126 11.3 10.2 15.2





#83

Chrysene

Concen: 49.159 ng

RT: 14.033 min Scan# 2030

Delta R.T. -0.000 min

Lab File: BF138810.D

Acq: 06 Aug 2024 15:29

Instrument :

BNA_F

ClientSampleId :

PB162320BS

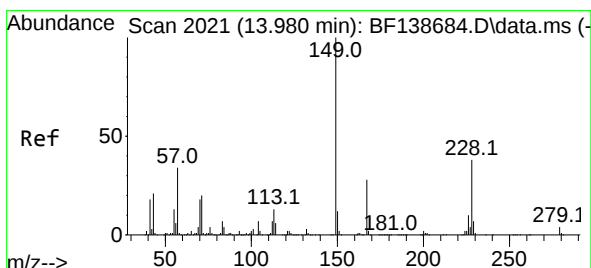
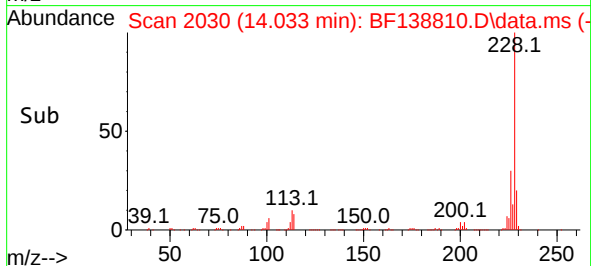
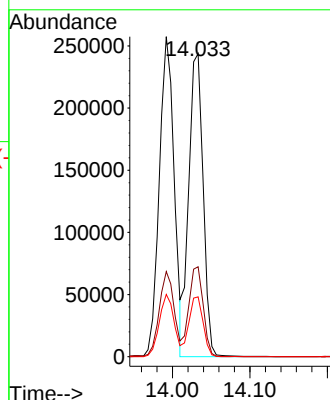
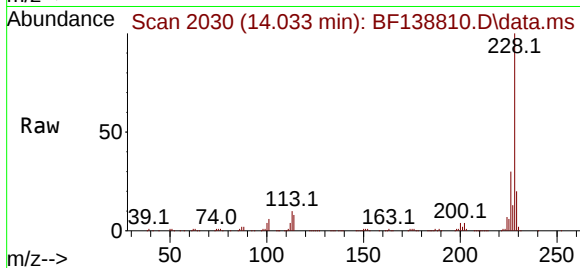
Tgt Ion:	228	Resp:	31480
Ion Ratio	Lower	Upper	
228	100		
226	29.7	23.7	35.5
229	19.8	15.0	22.6

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 08/07/2024

Supervised By :mohammad ahmed 08/08/2024



#84

Bis(2-ethylhexyl)phthalate

Concen: 43.738 ng

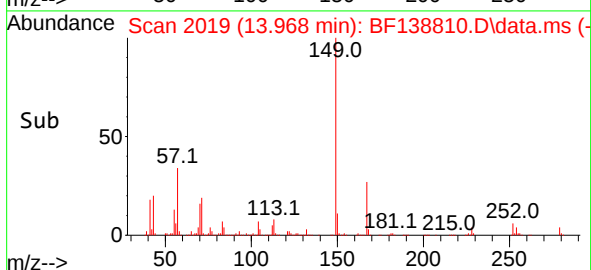
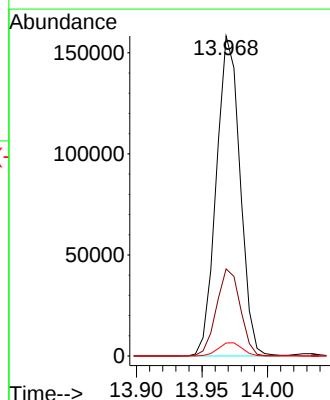
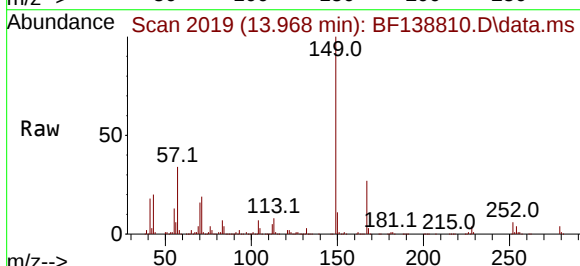
RT: 13.968 min Scan# 2019

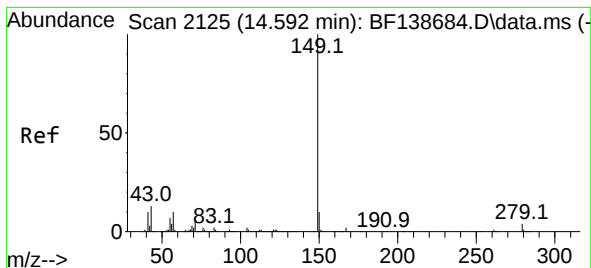
Delta R.T. -0.012 min

Lab File: BF138810.D

Acq: 06 Aug 2024 15:29

Tgt Ion:	149	Resp:	199043
Ion Ratio	Lower	Upper	
149	100		
167	27.2	22.2	33.4
279	4.0	3.4	5.0





#85

Di-n-octyl phthalate

Concen: 40.069 ng

RT: 14.580 min Scan# 2125

Delta R.T. -0.012 min

Lab File: BF138810.D

Acq: 06 Aug 2024 15:29

Instrument :

BNA_F

ClientSampleId :

PB162320BS

Tgt Ion:149 Resp: 33736

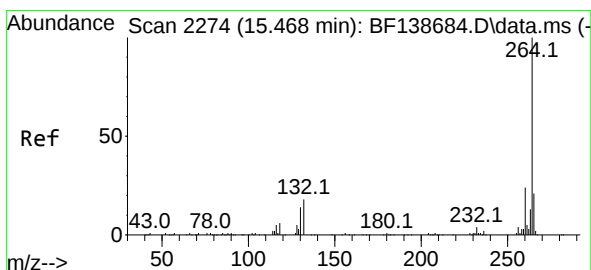
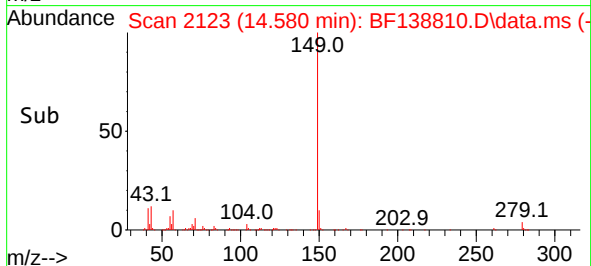
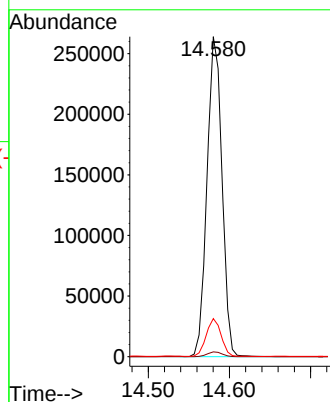
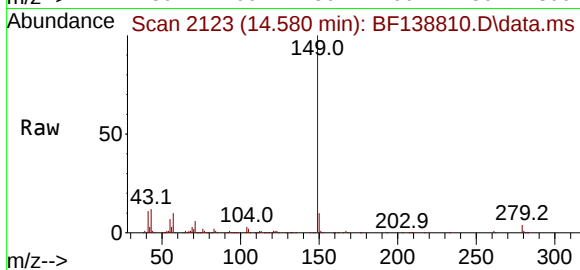
Ion	Ratio	Lower	Upper
149	100		
167	1.5	1.4	2.0
43	11.8	10.4	15.6

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 08/07/2024

Supervised By :mohammad ahmed 08/08/2024



#86

Perylene-d12

Concen: 20.000 ng

RT: 15.462 min Scan# 2273

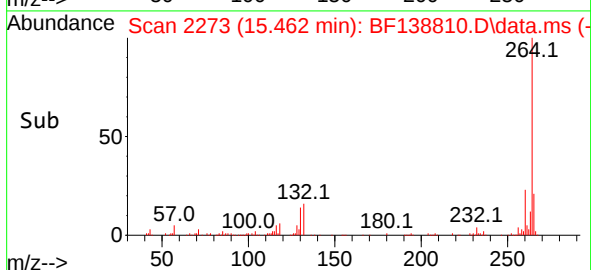
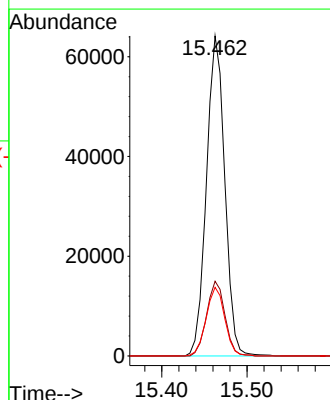
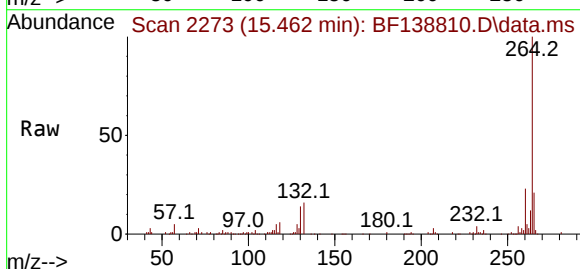
Delta R.T. -0.006 min

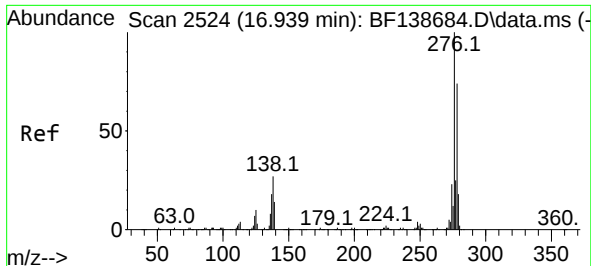
Lab File: BF138810.D

Acq: 06 Aug 2024 15:29

Tgt Ion:264 Resp: 95989

Ion	Ratio	Lower	Upper
264	100		
260	23.4	19.0	28.6
265	21.4	17.0	25.6





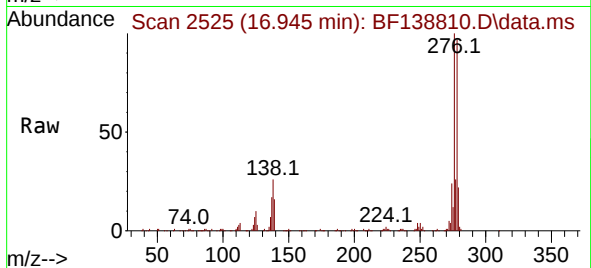
#87
Indeno(1,2,3-cd)pyrene
Concen: 47.470 ng
RT: 16.945 min Scan# 21
Delta R.T. 0.006 min
Lab File: BF138810.D
Acq: 06 Aug 2024 15:29

Instrument :

BNA_F

ClientSampleId :

PB162320BS

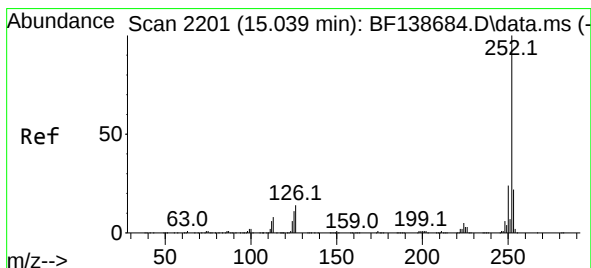
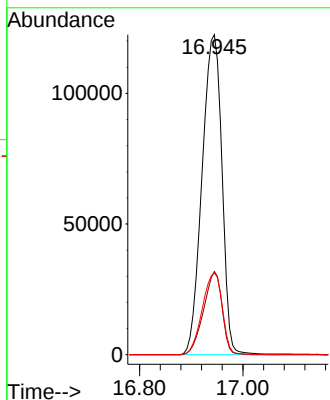
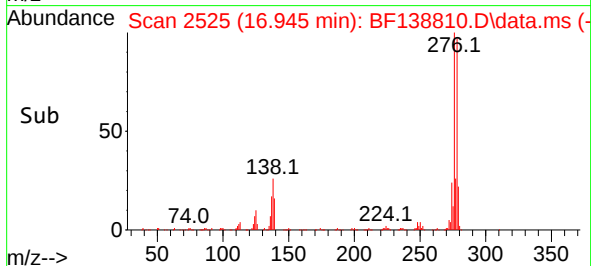


Tgt Ion: 276 Resp: 32654
Ion Ratio Lower Upper
276 100
138 24.2 21.8 32.8
277 25.7 20.6 30.8

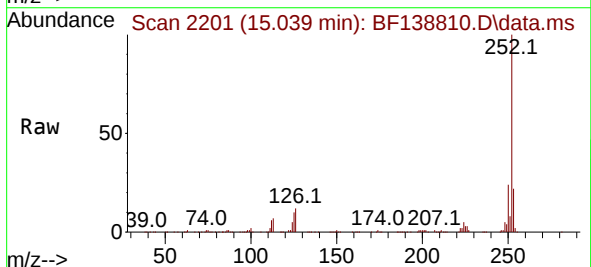
Manual Integrations

APPROVED

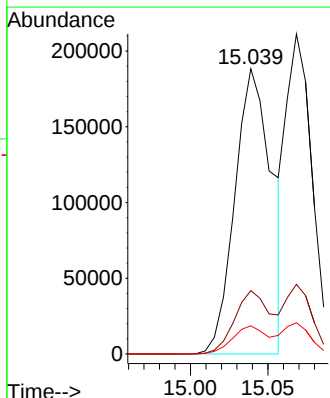
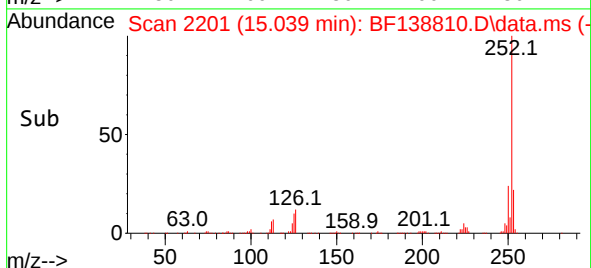
Reviewed By :Yogesh Patel 08/07/2024
Supervised By :mohammad ahmed 08/08/2024

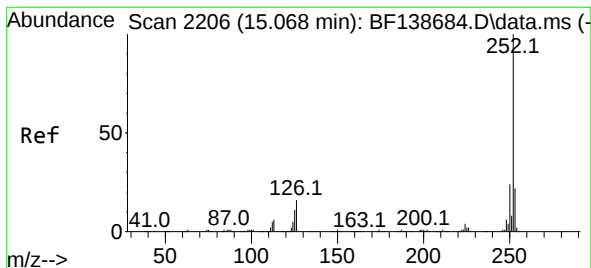


#88
Benzo(b)fluoranthene
Concen: 52.499 ng
RT: 15.039 min Scan# 2201
Delta R.T. -0.000 min
Lab File: BF138810.D
Acq: 06 Aug 2024 15:29



Tgt Ion: 252 Resp: 312391
Ion Ratio Lower Upper
252 100
253 22.2 17.5 26.3
125 9.9 8.9 13.3





#89

Benzo(k)fluoranthene

Concen: 48.006 ng

RT: 15.068 min Scan# 21

Delta R.T. -0.000 min

Lab File: BF138810.D

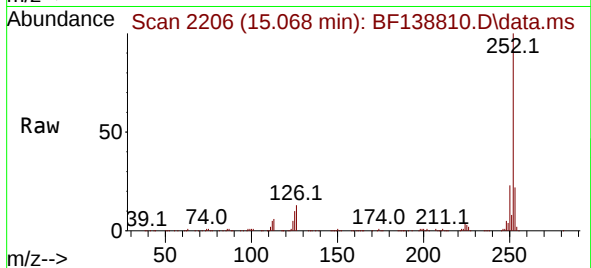
Acq: 06 Aug 2024 15:29

Instrument :

BNA_F

ClientSampleId :

PB162320BS



Tgt Ion:252 Resp: 24732

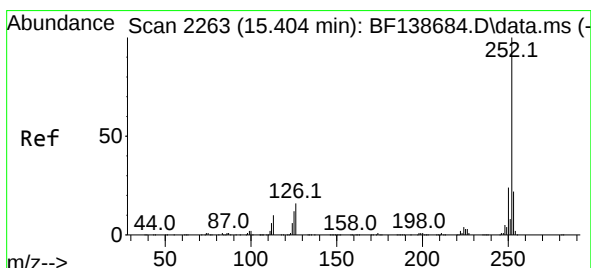
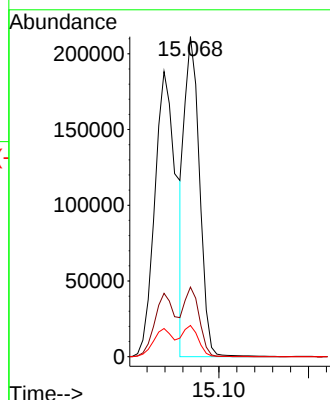
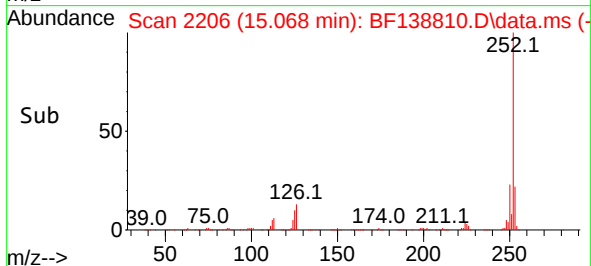
Ion	Ratio	Lower	Upper
252	100		
253	21.8	17.4	26.0
125	9.8	8.6	13.0

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 08/07/2024

Supervised By :mohammad ahmed 08/08/2024



#90

Benzo(a)pyrene

Concen: 51.284 ng

RT: 15.404 min Scan# 2263

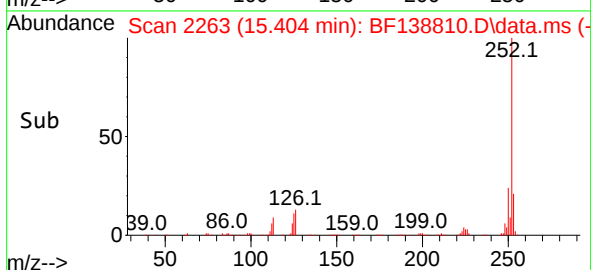
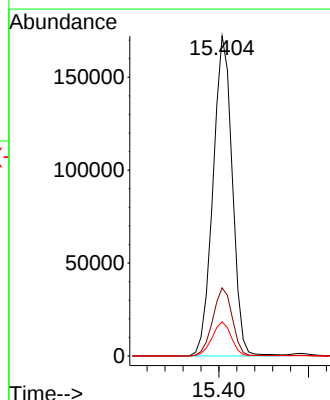
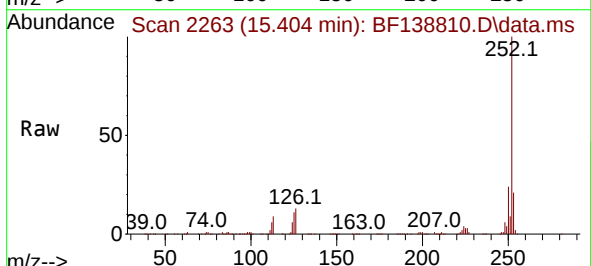
Delta R.T. -0.000 min

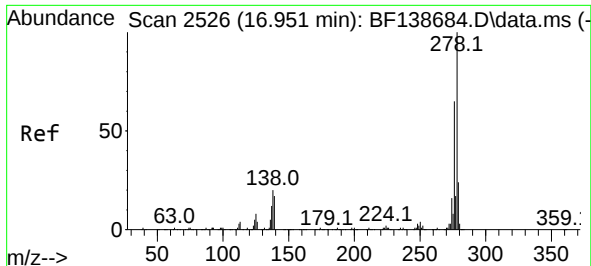
Lab File: BF138810.D

Acq: 06 Aug 2024 15:29

Tgt Ion:252 Resp: 256684

Ion	Ratio	Lower	Upper
252	100		
253	21.3	17.3	25.9
125	10.7	9.5	14.3





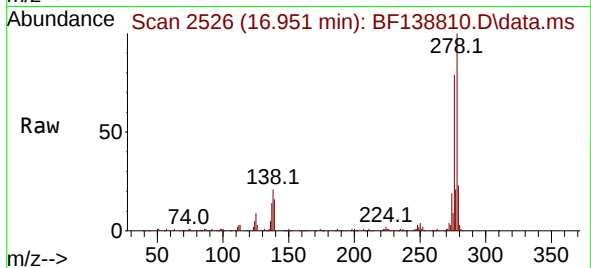
#91
Dibenzo(a,h)anthracene
Concen: 48.008 ng
RT: 16.951 min Scan# 210
Delta R.T. -0.000 min
Lab File: BF138810.D
Acq: 06 Aug 2024 15:29

Instrument :

BNA_F

ClientSampleId :

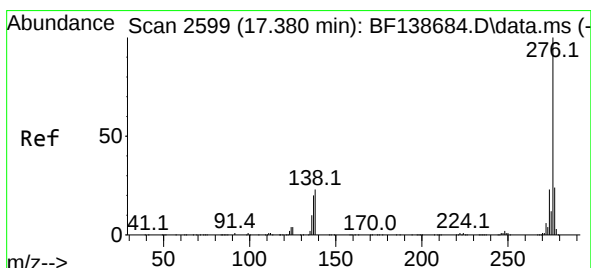
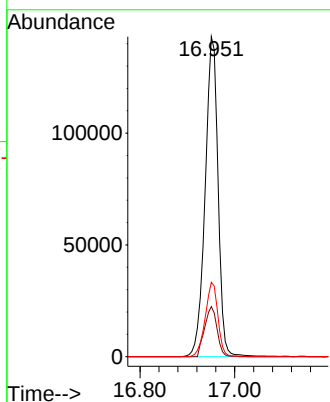
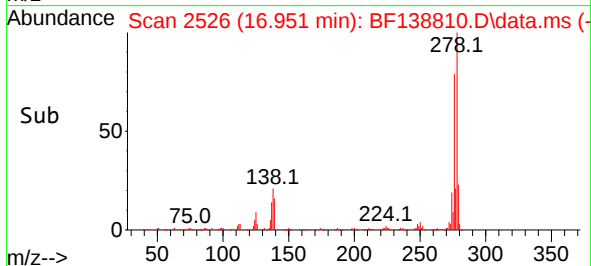
PB162320BS



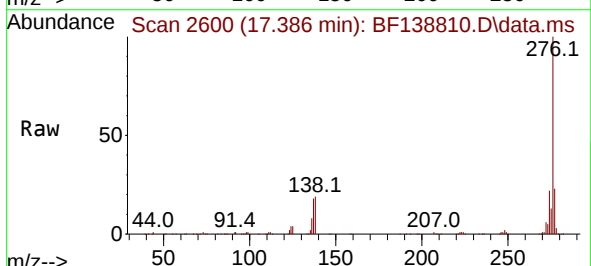
Tgt Ion:278 Resp: 271089
Ion Ratio Lower Upper
278 100
139 15.6 14.0 21.0
279 23.3 19.0 28.4

Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 08/07/2024
Supervised By :mohammad ahmed 08/08/2024



#92
Benzo(g,h,i)perylene
Concen: 42.300 ng
RT: 17.386 min Scan# 2600
Delta R.T. 0.006 min
Lab File: BF138810.D
Acq: 06 Aug 2024 15:29



Tgt Ion:276 Resp: 247859
Ion Ratio Lower Upper
276 100
277 23.0 19.0 28.4
138 19.3 18.5 27.7

