

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF081224\
 Data File : BF138950.D
 Acq On : 12 Aug 2024 23:28
 Operator : RC/JU
 Sample : P3478-02MS
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 TS04MS

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 08/13/2024
 Supervised By :mohammad ahmed 08/13/2024

Quant Time: Aug 13 01:03:27 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	6.840	152	41259	20.000	ng	0.00
21) Naphthalene-d8	8.122	136	171730	20.000	ng	0.00
39) Acenaphthene-d10	9.875	164	99762	20.000	ng	0.00
64) Phenanthrene-d10	11.363	188	166539	20.000	ng	0.00
76) Chrysene-d12	14.004	240	79622	20.000	ng	# 0.00
86) Perylene-d12	15.463	264	79815	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.475	112	206481	77.252	ng	0.00
7) Phenol-d6	6.487	99	228377	63.641	ng	0.00
23) Nitrobenzene-d5	7.410	82	421924	120.121	ng	0.00
42) 2,4,6-Tribromophenol	10.675	330	147689	180.729	ng	0.00
45) 2-Fluorobiphenyl	9.198	172	761563	114.698	ng	0.00
79) Terphenyl-d14	12.945	244	692961	145.714	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	2.646	88	21454	18.334	ng	# 94
3) Pyridine	3.416	79	36763	12.969	ng	94
4) n-Nitrosodimethylamine	3.357	42	44821	26.548	ng	85
6) Aniline	6.504	93	85744	26.792	ng	# 59
8) 2-Chlorophenol	6.634	128	155767	55.392	ng	97
9) Benzaldehyde	6.404	77	5977	2.779	ng	97
10) Phenol	6.498	94	93772	24.819	ng	# 76
11) bis(2-Chloroethyl)ether	6.575	93	174616	60.057	ng	99
12) 1,3-Dichlorobenzene	6.781	146	151832	48.234	ng	98
13) 1,4-Dichlorobenzene	6.857	146	160185	50.425	ng	99
14) 1,2-Dichlorobenzene	7.010	146	156060	52.566	ng	99
15) Benzyl Alcohol	6.992	79	109238	42.235	ng	98
16) 2,2'-oxybis(1-Chloropr...	7.110	45	293155	58.587	ng	62
17) 2-Methylphenol	7.110	107	117722	50.697	ng	# 79
18) Hexachloroethane	7.345	117	57089	47.742	ng	97
19) n-Nitroso-di-n-propyla...	7.263	70	150651	69.508	ng	99
20) 3+4-Methylphenols	7.263	107	145919	48.977	ng	# 86
22) Acetophenone	7.251	105	258951	61.585	ng	# 95
24) Nitrobenzene	7.434	77	217111	60.744	ng	100
25) Isophorone	7.669	82	397310	66.244	ng	98
26) 2-Nitrophenol	7.745	139	98443	64.018	ng	96
27) 2,4-Dimethylphenol	7.787	122	122137	66.384	ng	98
28) bis(2-Chloroethoxy)met...	7.875	93	232008	63.522	ng	99
29) 2,4-Dichlorophenol	7.992	162	149622	63.287	ng	99
30) 1,2,4-Trichlorobenzene	8.063	180	155212	56.889	ng	99
31) Naphthalene	8.145	128	537237	59.433	ng	100
32) Benzoic acid	7.904	122	12382	8.561	ng	87
33) 4-Chloroaniline	8.198	127	62113	20.470	ng	98
34) Hexachlorobutadiene	8.251	225	90270	54.625	ng	98
35) Caprolactam	8.592	113	6192	8.777	ng	# 89
36) 4-Chloro-3-methylphenol	8.686	107	177589	65.727	ng	99
37) 2-Methylnaphthalene	8.834	142	367947	64.452	ng	99
38) 1-Methylnaphthalene	8.934	142	341940	61.125	ng	99
40) 1,2,4,5-Tetrachloroben...	8.998	216	159728	57.637	ng	99
41) Hexachlorocyclopentadiene	8.981	237	105697	138.516	ng	99
43) 2,4,6-Trichlorophenol	9.122	196	100101	59.243	ng	98

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF081224\
 Data File : BF138950.D
 Acq On : 12 Aug 2024 23:28
 Operator : RC/JU
 Sample : P3478-02MS
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 TS04MS

Quant Time: Aug 13 01:03:27 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

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 08/13/2024
 Supervised By :mohammad ahmed 08/13/2024

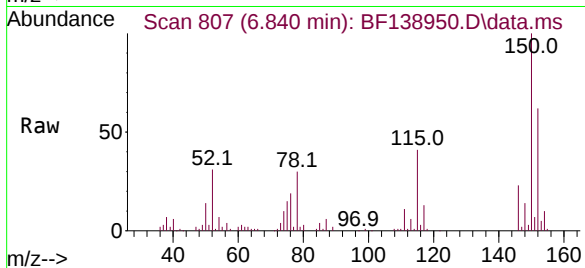
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.175	196	106348	57.573	ng	98
46) 1,1'-Biphenyl	9.298	154	454504	58.171	ng	99
47) 2-Chloronaphthalene	9.328	162	351631	60.512	ng	99
48) 2-Nitroaniline	9.433	65	132306	67.161	ng	97
49) Acenaphthylene	9.739	152	558075	67.714	ng	99
50) Dimethylphthalate	9.604	163	469476	73.598	ng	100
51) 2,6-Dinitrotoluene	9.675	165	92602	64.325	ng	90
52) Acenaphthene	9.910	154	344711	62.220	ng	100
53) 3-Nitroaniline	9.845	138	48103	32.322	ng	98
54) 2,4-Dinitrophenol	9.963	184	81123	122.414	ng	85
55) Dibenzofuran	10.086	168	507674	64.916	ng	99
56) 4-Nitrophenol	10.033	139	17597	19.663	ng	# 66
57) 2,4-Dinitrotoluene	10.081	165	125846	68.517	ng	# 80
58) Fluorene	10.428	166	415235	66.675	ng	100
59) 2,3,4,6-Tetrachlorophenol	10.210	232	87620	62.045	ng	96
60) Diethylphthalate	10.298	149	430937	71.249	ng	99
61) 4-Chlorophenyl-phenyle...	10.416	204	206951	67.566	ng	98
62) 4-Nitroaniline	10.463	138	81731	57.790	ng	89
63) Azobenzene	10.575	77	452245	67.417	ng	97
65) 4,6-Dinitro-2-methylph...	10.492	198	66245	65.200	ng	92
66) n-Nitrosodiphenylamine	10.539	169	354326	68.066	ng	99
67) 4-Bromophenyl-phenylether	10.904	248	119422	66.232	ng	96
68) Hexachlorobenzene	10.975	284	122433	65.764	ng	99
69) Atrazine	11.069	200	102064	75.993	ng	99
70) Pentachlorophenol	11.175	266	80074	95.422	ng	98
71) Phenanthrene	11.392	178	579810	67.613	ng	100
72) Anthracene	11.439	178	590405	69.887	ng	100
73) Carbazole	11.598	167	474501	65.103	ng	99
74) Di-n-butylphthalate	11.916	149	636014	77.625	ng	99
75) Fluoranthene	12.574	202	519711	64.918	ng	99
77) Benzidine	12.704	184	8337	4.378	ng	97
78) Pyrene	12.804	202	506435	67.555	ng	100
80) Butylbenzylphthalate	13.410	149	183498	76.437	ng	98
81) Benzo(a)anthracene	13.992	228	362811	66.171	ng	99
82) 3,3'-Dichlorobenzidine	13.951	252	70683	50.376	ng	99
83) Chrysene	14.027	228	335478	67.819	ng	98
84) Bis(2-ethylhexyl)phtha...	13.963	149	240070	68.292	ng	98
85) Di-n-octyl phthalate	14.574	149	393802	60.548	ng	100
87) Indeno(1,2,3-cd)pyrene	16.951	276	356604	62.345	ng	97
88) Benzo(b)fluoranthene	15.039	252	309221	62.497	ng	98
89) Benzo(k)fluoranthene	15.068	252	313377m	73.153	ng	
90) Benzo(a)pyrene	15.404	252	289823	69.639	ng	98
91) Dibenzo(a,h)anthracene	16.957	278	290885	61.953	ng	97
92) Benzo(g,h,i)perylene	17.386	276	270345	55.486	ng	97

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



#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.840 min Scan# 80
Delta R.T. -0.005 min
Lab File: BF138950.D
Acq: 12 Aug 2024 23:28

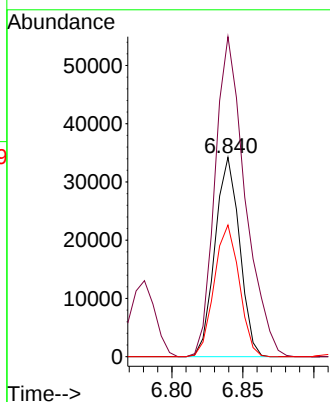
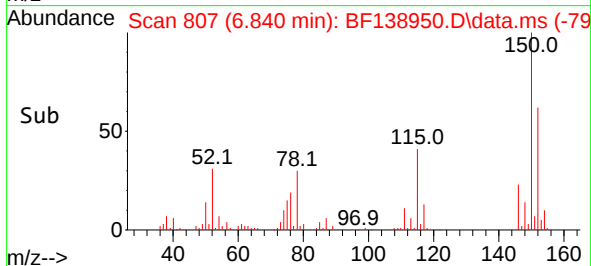
Instrument :
BNA_F
ClientSampleId :
TS04MS



Tgt Ion:152 Resp: 41259
Ion Ratio Lower Upper
152 100
150 160.6 126.0 189.0
115 66.1 51.7 77.5

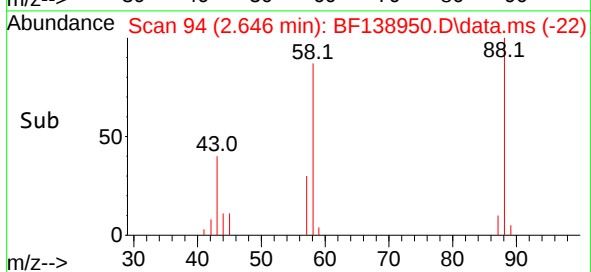
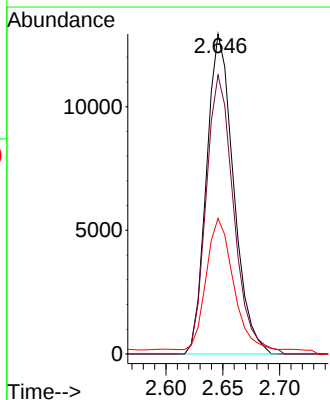
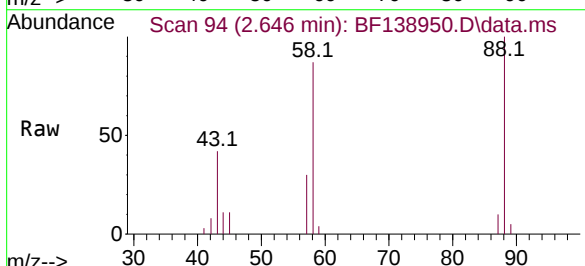
Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 08/13/2024
Supervised By :mohammad ahmed 08/13/2024



#2
1,4-Dioxane
Concen: 18.334 ng
RT: 2.646 min Scan# 94
Delta R.T. 0.071 min
Lab File: BF138950.D
Acq: 12 Aug 2024 23:28

Tgt Ion: 88 Resp: 21454
Ion Ratio Lower Upper
88 100
58 88.7 71.6 107.4
43 46.3 28.7 43.1#





#3

Pyridine

Concen: 12.969 ng

RT: 3.416 min Scan# 211

Delta R.T. 0.082 min

Lab File: BF138950.D

Acq: 12 Aug 2024 23:28

Instrument :

BNA_F

ClientSampleId :

TS04MS

Tgt Ion: 79 Resp: 3676

Ion Ratio Lower Upper

79 100

52 89.5 74.7 112.1

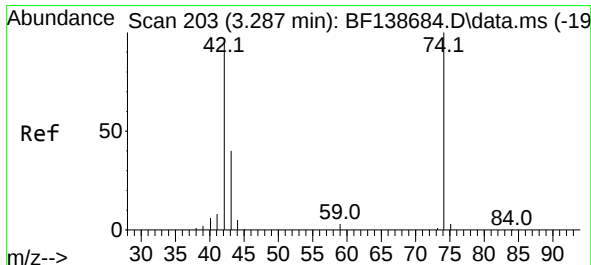
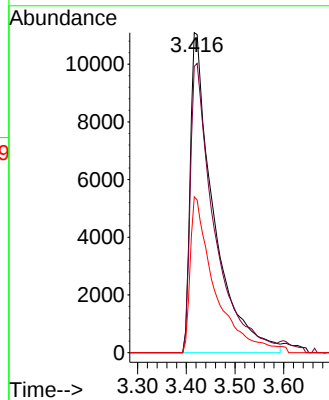
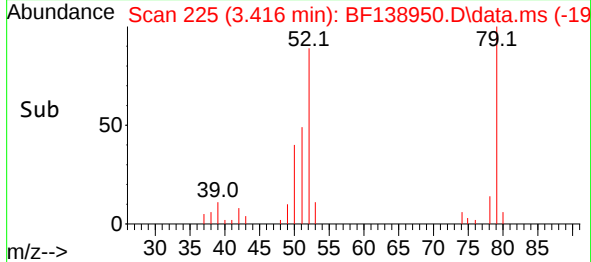
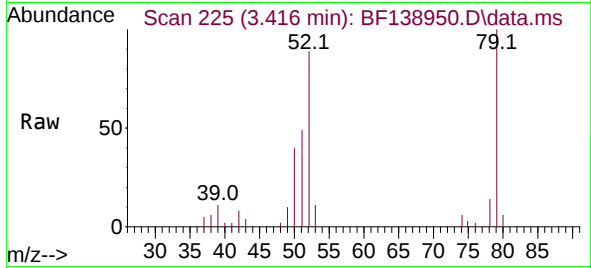
51 48.7 34.6 51.8

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 08/13/2024

Supervised By :mohammad ahmed 08/13/2024



#4

n-Nitrosodimethylamine

Concen: 26.548 ng

RT: 3.357 min Scan# 215

Delta R.T. 0.071 min

Lab File: BF138950.D

Acq: 12 Aug 2024 23:28

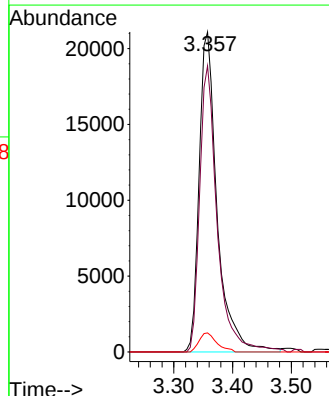
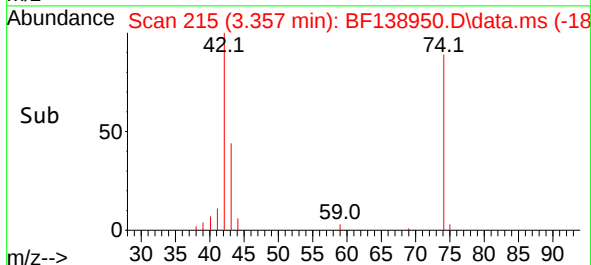
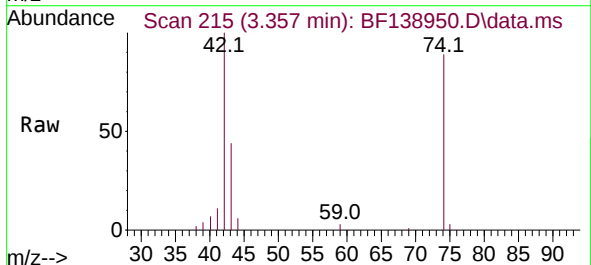
Tgt Ion: 42 Resp: 44821

Ion Ratio Lower Upper

42 100

74 89.4 84.2 126.4

44 6.0 4.9 7.3





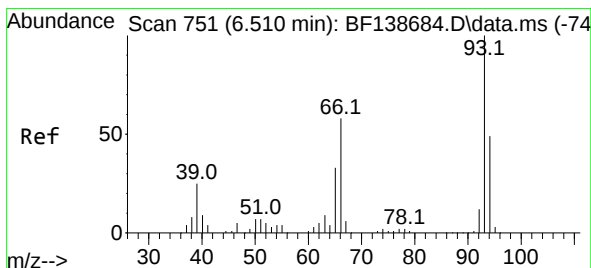
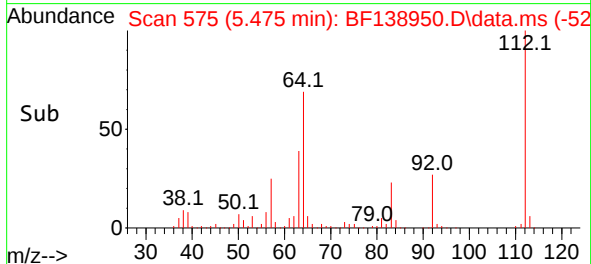
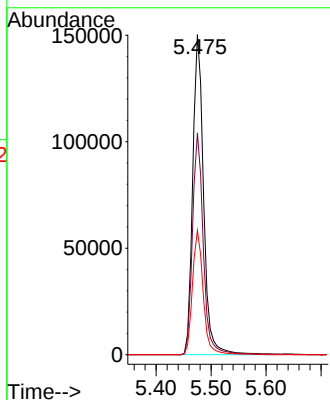
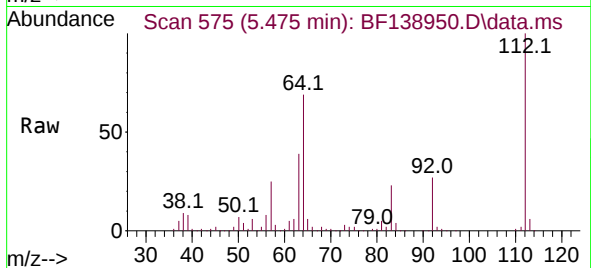
#5
2-Fluorophenol
Concen: 77.252 ng
RT: 5.475 min Scan# 51
Delta R.T. 0.006 min
Lab File: BF138950.D
Acq: 12 Aug 2024 23:28

Instrument :
BNA_F
ClientSampleId :
TS04MS

Tgt Ion:112 Resp: 20648
Ion Ratio Lower Upper
112 100
64 69.3 54.2 81.4
63 38.8 28.7 43.1

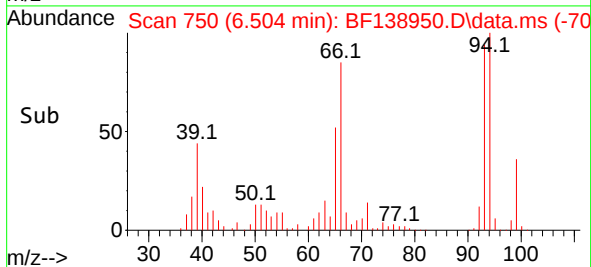
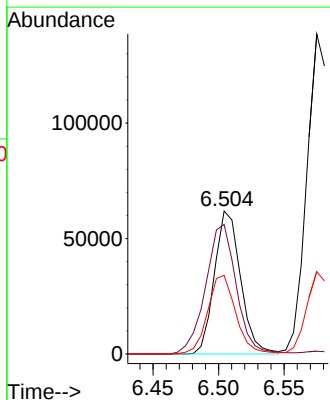
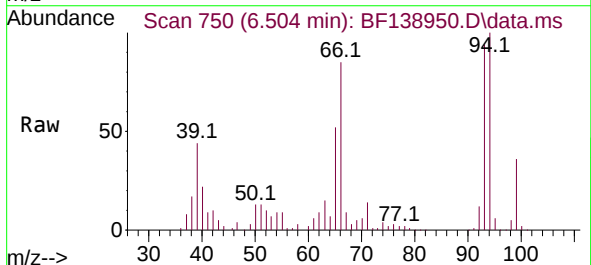
Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 08/13/2024
Supervised By :mohammad ahmed 08/13/2024



#6
Aniline
Concen: 26.792 ng
RT: 6.504 min Scan# 750
Delta R.T. -0.006 min
Lab File: BF138950.D
Acq: 12 Aug 2024 23:28

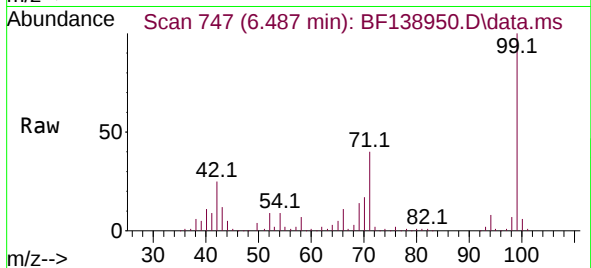
Tgt Ion: 93 Resp: 85744
Ion Ratio Lower Upper
93 100
66 90.6 46.9 70.3#
65 55.0 26.5 39.7#





#7
Phenol-d6
Concen: 63.641 ng
RT: 6.487 min Scan# 747
Delta R.T. 0.000 min
Lab File: BF138950.D
Acq: 12 Aug 2024 23:28

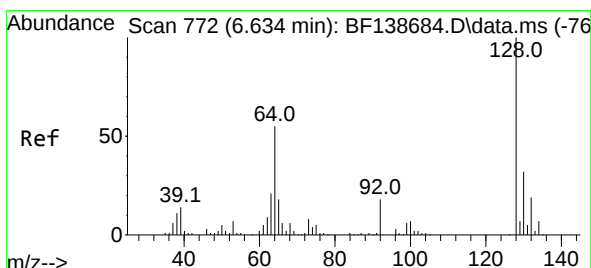
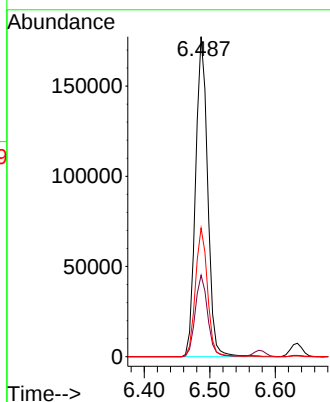
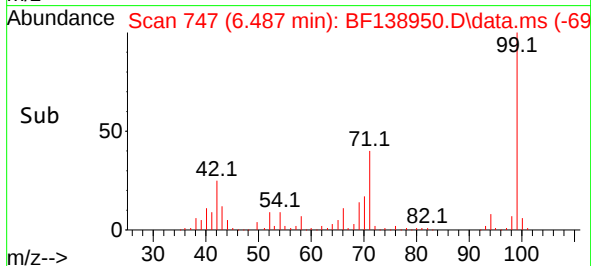
Instrument :
BNA_F
ClientSampleId :
TS04MS



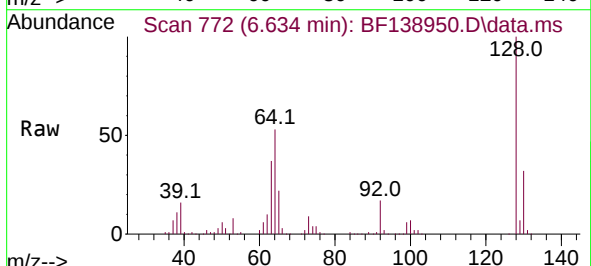
Tgt Ion: 99 Resp: 22837
Ion Ratio Lower Upper
99 100
42 25.4 17.4 26.0
71 40.2 28.1 42.1

Manual Integrations
APPROVED

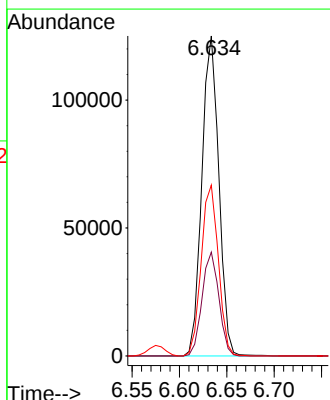
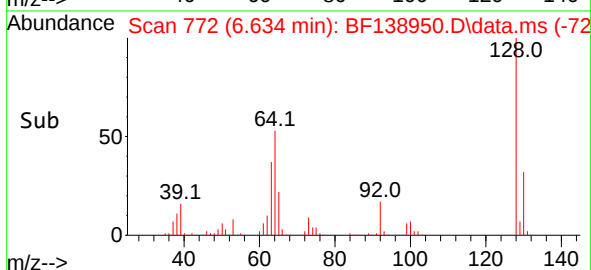
Reviewed By :Yogesh Patel 08/13/2024
Supervised By :mohammad ahmed 08/13/2024



#8
2-Chlorophenol
Concen: 55.392 ng
RT: 6.634 min Scan# 772
Delta R.T. 0.000 min
Lab File: BF138950.D
Acq: 12 Aug 2024 23:28



Tgt Ion:128 Resp: 155767
Ion Ratio Lower Upper
128 100
130 32.5 12.0 52.0
64 53.4 36.3 76.3





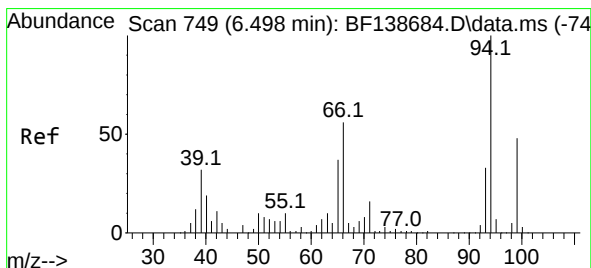
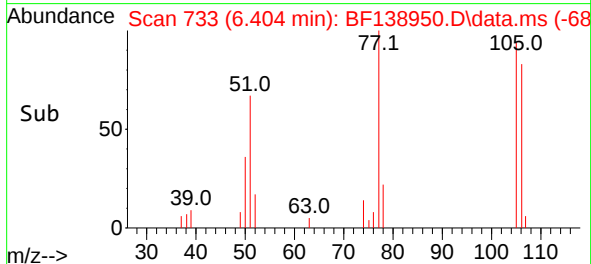
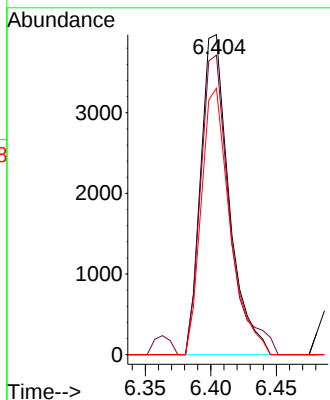
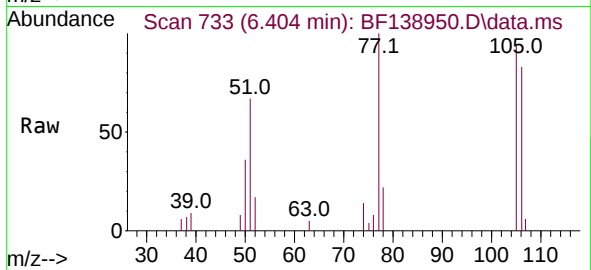
#9
Benzaldehyde
Concen: 2.779 ng
RT: 6.404 min Scan# 732
Delta R.T. 0.006 min
Lab File: BF138950.D
Acq: 12 Aug 2024 23:28

Instrument :
BNA_F
ClientSampleId :
TS04MS

Tgt Ion: 77	Resp: 597
Ion Ratio	Lower Upper
77 100	
105 93.6	72.9 112.9
106 83.3	68.4 108.4

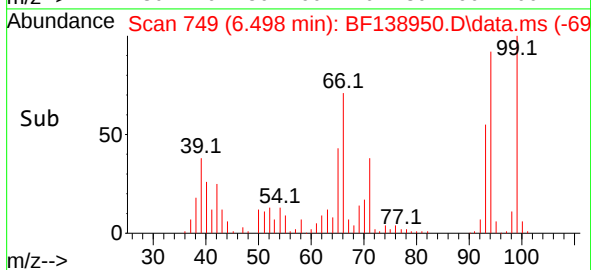
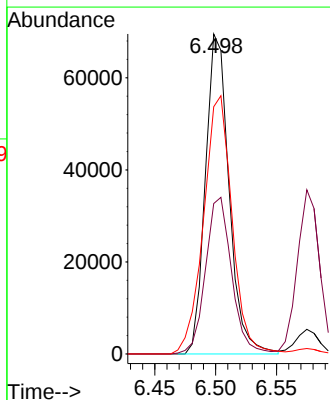
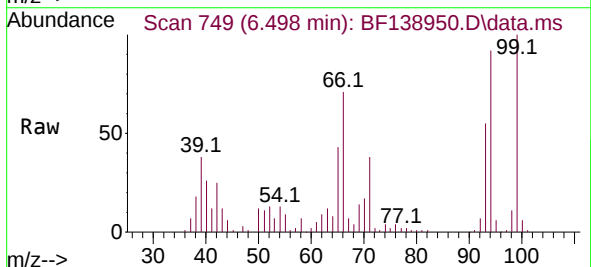
Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 08/13/2024
Supervised By :mohammad ahmed 08/13/2024



#10
Phenol
Concen: 24.819 ng
RT: 6.498 min Scan# 749
Delta R.T. 0.000 min
Lab File: BF138950.D
Acq: 12 Aug 2024 23:28

Tgt Ion: 94	Resp: 93772
Ion Ratio	Lower Upper
94 100	
65 47.0	16.9 56.9
66 77.3	36.5 76.5





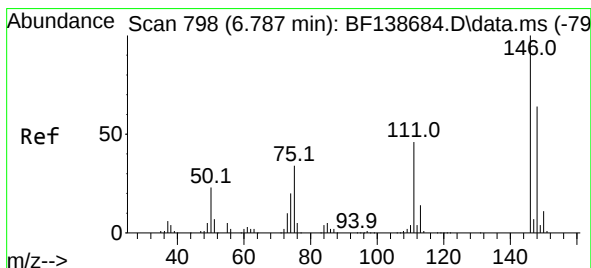
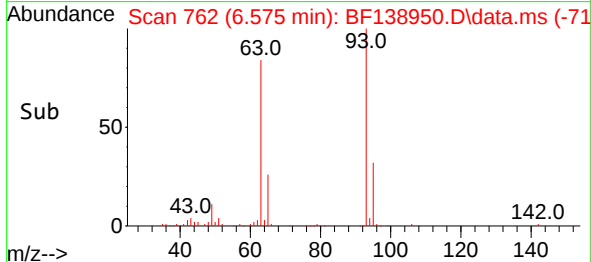
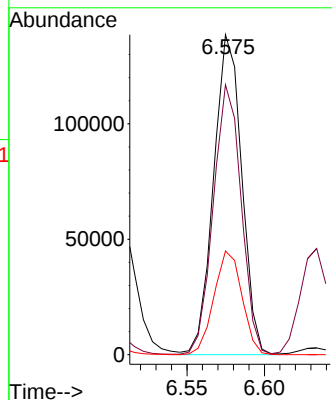
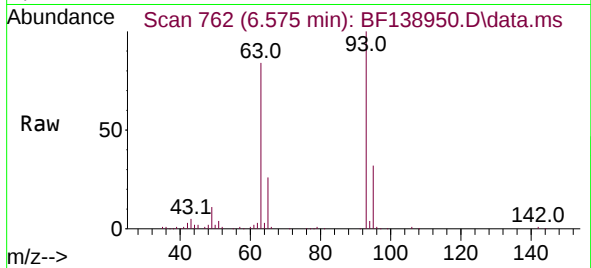
#11
bis(2-Chloroethyl)ether
Concen: 60.057 ng
RT: 6.575 min Scan# 762
Delta R.T. -0.012 min
Lab File: BF138950.D
Acq: 12 Aug 2024 23:28

Instrument :
BNA_F
ClientSampleId :
TS04MS

Tgt Ion: 93 Resp: 174610
Ion Ratio Lower Upper
93 100
63 84.3 65.3 105.3
95 32.4 12.4 52.4

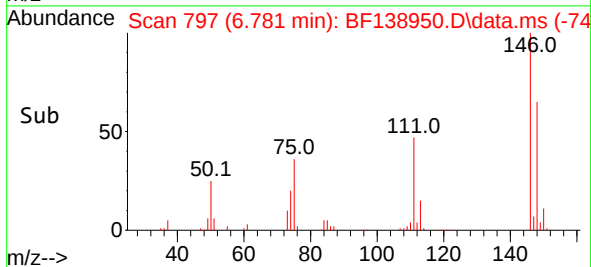
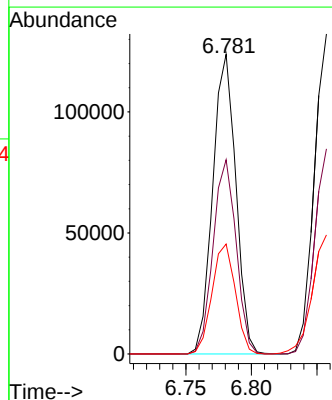
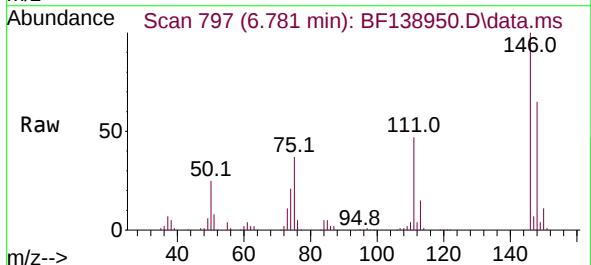
Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 08/13/2024
Supervised By :mohammad ahmed 08/13/2024



#12
1,3-Dichlorobenzene
Concen: 48.234 ng
RT: 6.781 min Scan# 797
Delta R.T. -0.006 min
Lab File: BF138950.D
Acq: 12 Aug 2024 23:28

Tgt Ion:146 Resp: 151832
Ion Ratio Lower Upper
146 100
148 64.8 51.2 76.8
75 36.7 27.4 41.2





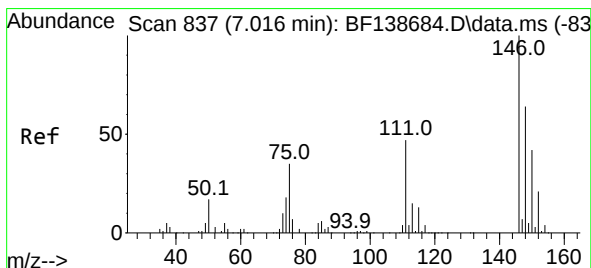
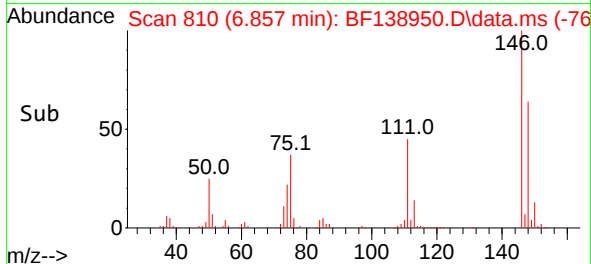
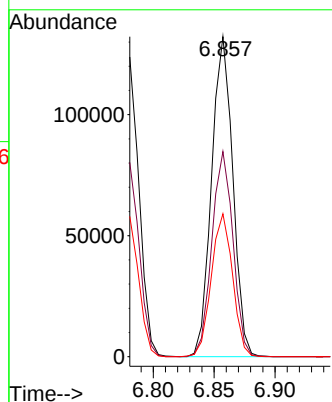
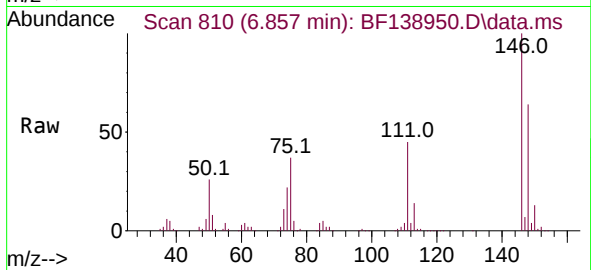
#13
1,4-Dichlorobenzene
Concen: 50.425 ng
RT: 6.857 min Scan# 811
Delta R.T. -0.006 min
Lab File: BF138950.D
Acq: 12 Aug 2024 23:28

Instrument :
BNA_F
ClientSampleId :
TS04MS

Tgt Ion:146 Resp: 160185
Ion Ratio Lower Upper
146 100
148 64.1 50.2 75.2
111 44.7 35.9 53.9

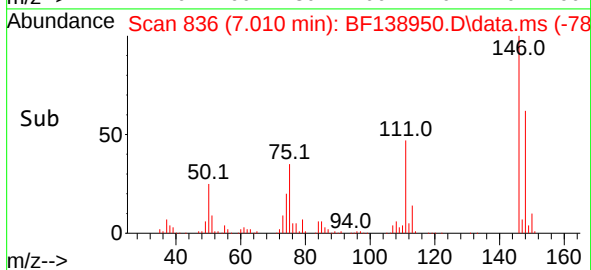
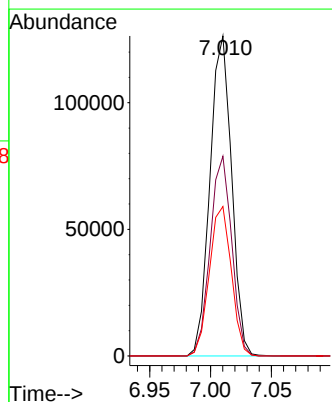
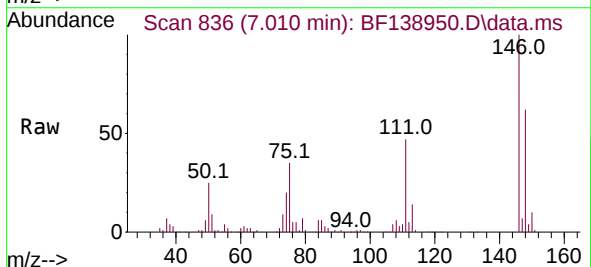
Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 08/13/2024
Supervised By :mohammad ahmed 08/13/2024



#14
1,2-Dichlorobenzene
Concen: 52.566 ng
RT: 7.010 min Scan# 836
Delta R.T. -0.006 min
Lab File: BF138950.D
Acq: 12 Aug 2024 23:28

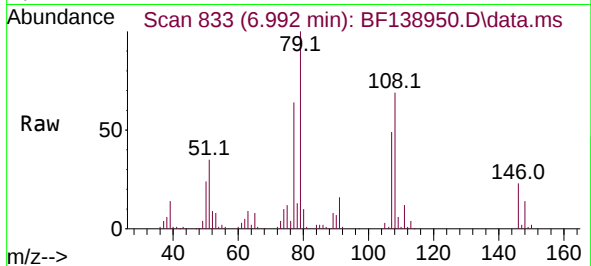
Tgt Ion:146 Resp: 156060
Ion Ratio Lower Upper
146 100
148 62.4 50.8 76.2
111 46.7 37.4 56.2





#15
Benzyl Alcohol
Concen: 42.235 ng
RT: 6.992 min Scan# 811
Delta R.T. 0.000 min
Lab File: BF138950.D
Acq: 12 Aug 2024 23:28

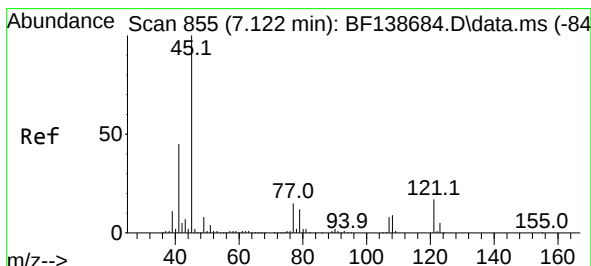
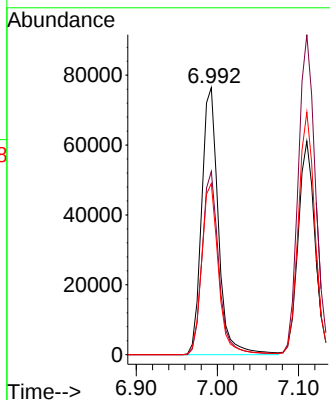
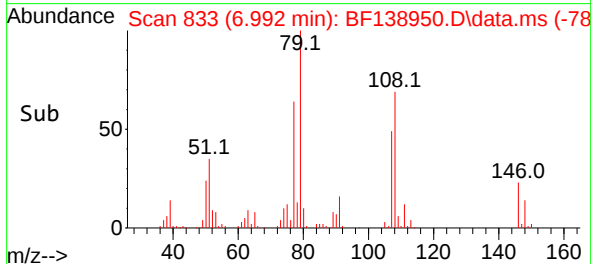
Instrument :
BNA_F
ClientSampleId :
TS04MS



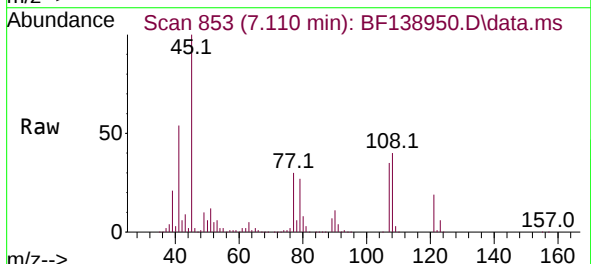
Tgt Ion: 79 Resp: 109238
Ion Ratio Lower Upper
79 100
108 68.6 56.6 85.0
77 64.1 50.3 75.5

Manual Integrations
APPROVED

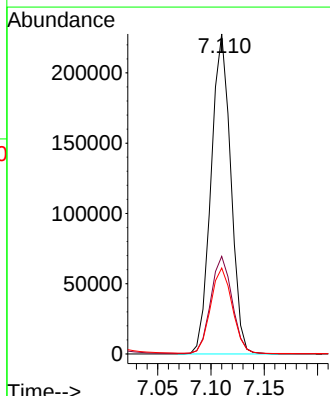
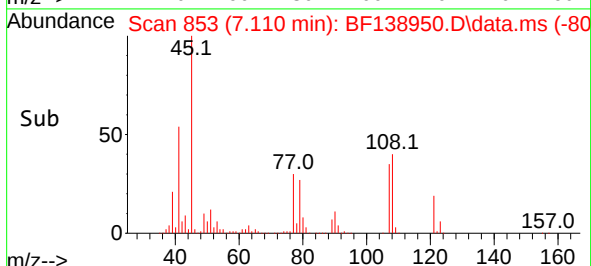
Reviewed By :Yogesh Patel 08/13/2024
Supervised By :mohammad ahmed 08/13/2024

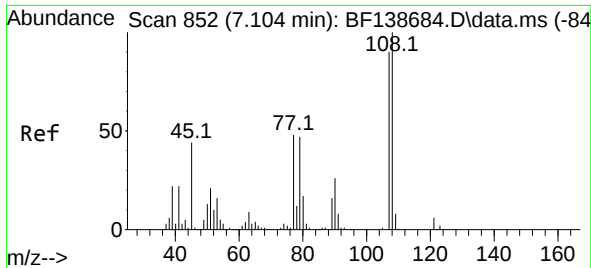


#16
2,2'-oxybis(1-Chloropropane)
Concen: 58.587 ng
RT: 7.110 min Scan# 853
Delta R.T. -0.012 min
Lab File: BF138950.D
Acq: 12 Aug 2024 23:28



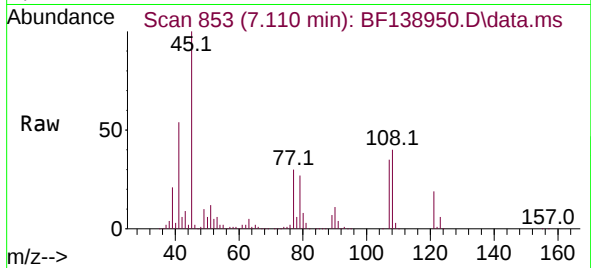
Tgt Ion: 45 Resp: 293155
Ion Ratio Lower Upper
45 100
77 30.5 0.0 34.9
79 26.8 0.0 32.2





#17
2-Methylphenol
Concen: 50.697 ng
RT: 7.110 min Scan# 811
Delta R.T. 0.006 min
Lab File: BF138950.D
Acq: 12 Aug 2024 23:28

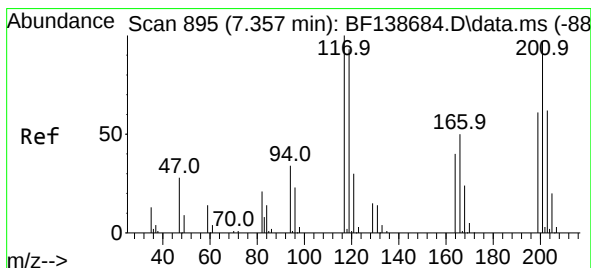
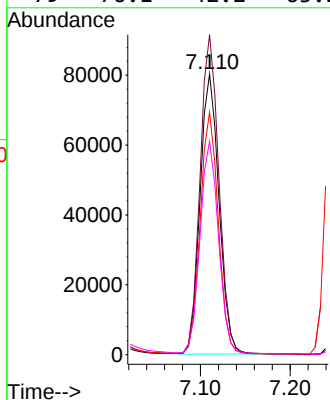
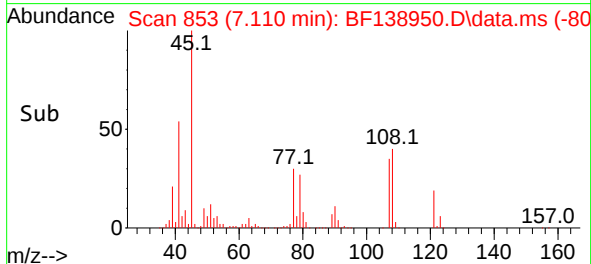
Instrument :
BNA_F
ClientSampleId :
TS04MS



Tgt Ion:107 Resp: 11772
Ion Ratio Lower Upper
107 100
108 114.0 89.2 133.8
77 86.4 43.0 64.4
79 76.1 42.2 63.2

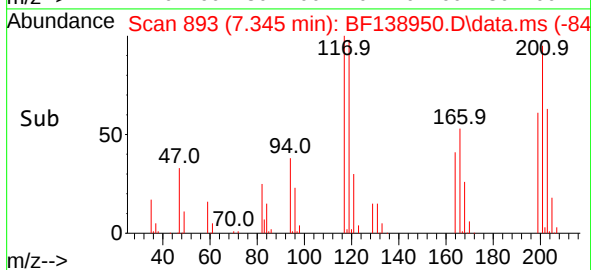
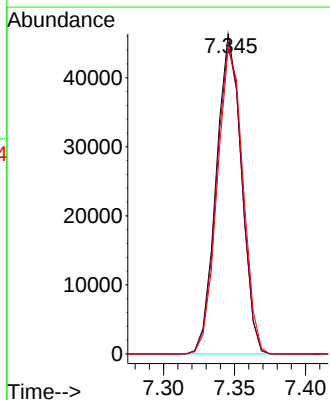
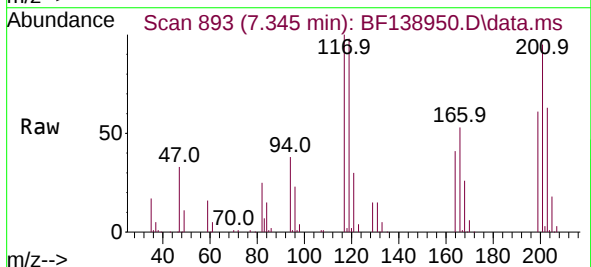
Manual Integrations
APPROVED

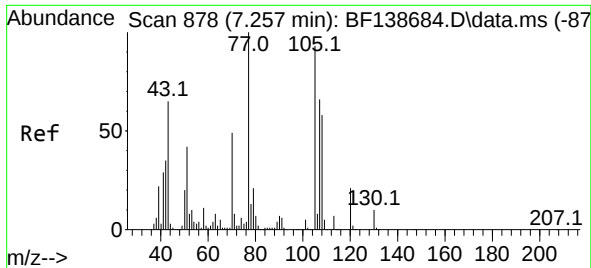
Reviewed By :Yogesh Patel 08/13/2024
Supervised By :mohammad ahmed 08/13/2024



#18
Hexachloroethane
Concen: 47.742 ng
RT: 7.345 min Scan# 893
Delta R.T. -0.012 min
Lab File: BF138950.D
Acq: 12 Aug 2024 23:28

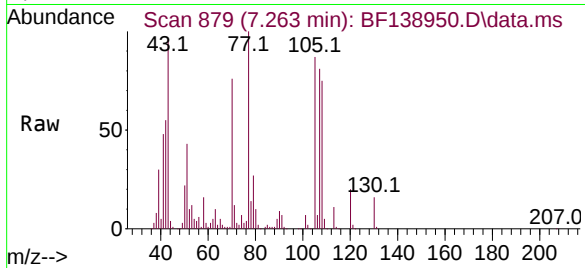
Tgt Ion:117 Resp: 57089
Ion Ratio Lower Upper
117 100
119 97.5 74.6 111.8
201 95.5 77.2 115.8





#19
n-Nitroso-di-n-propylamine
Concen: 69.508 ng
RT: 7.263 min Scan# 819
Delta R.T. 0.006 min
Lab File: BF138950.D
Acq: 12 Aug 2024 23:28

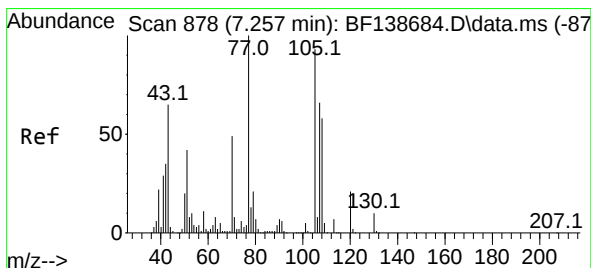
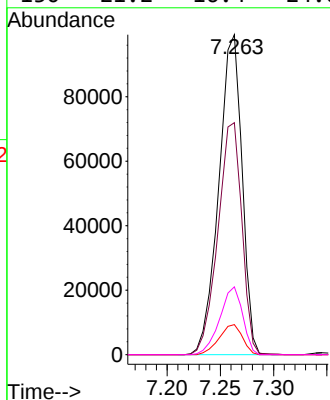
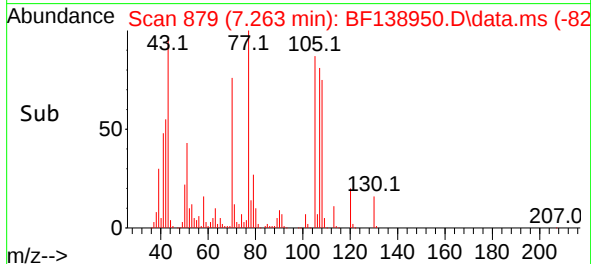
Instrument :
BNA_F
ClientSampleId :
TS04MS



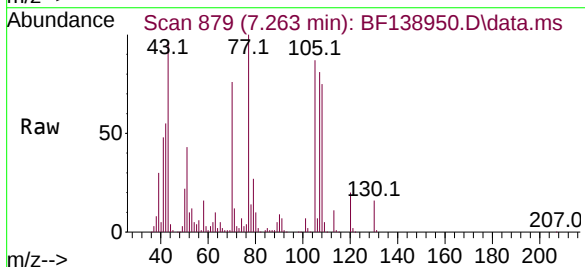
Tgt Ion: 70 Resp: 15065
Ion Ratio Lower Upper
70 100
42 72.5 57.4 86.0
101 9.4 7.5 11.3
130 21.2 16.4 24.6

Manual Integrations
APPROVED

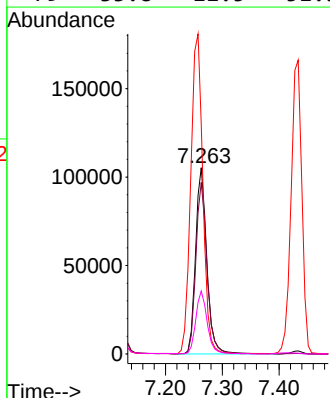
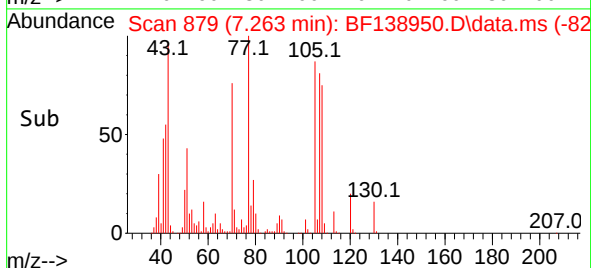
Reviewed By :Yogesh Patel 08/13/2024
Supervised By :mohammad ahmed 08/13/2024

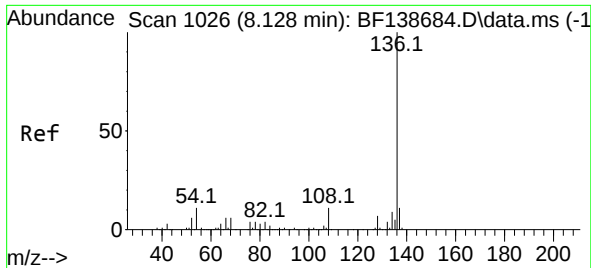


#20
3+4-Methylphenols
Concen: 48.977 ng
RT: 7.263 min Scan# 879
Delta R.T. 0.006 min
Lab File: BF138950.D
Acq: 12 Aug 2024 23:28



Tgt Ion:107 Resp: 145919
Ion Ratio Lower Upper
107 100
108 92.1 68.2 108.2
77 123.5 132.1 172.1#
79 33.8 11.5 51.5





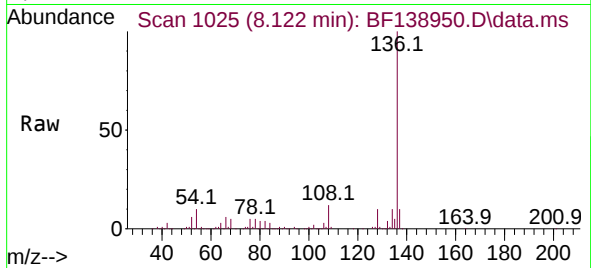
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.122 min Scan# 1026
Delta R.T. -0.006 min
Lab File: BF138950.D
Acq: 12 Aug 2024 23:28

Instrument :

BNA_F

ClientSampleId :

TS04MS

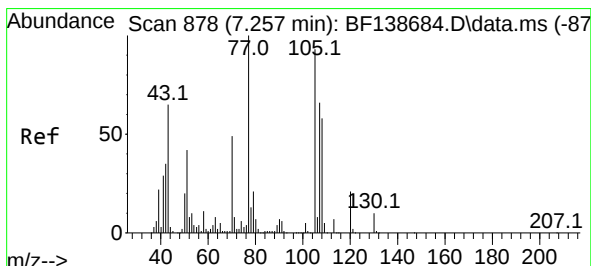
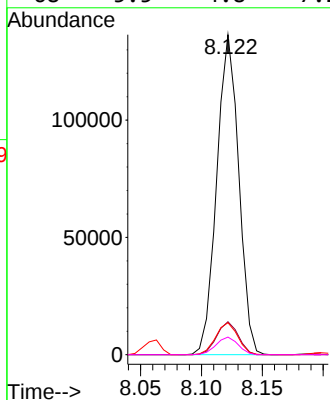
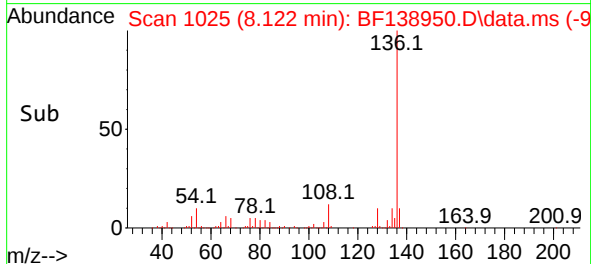


Tgt Ion:136 Resp: 171730
Ion Ratio Lower Upper
136 100
137 10.3 8.9 13.3
54 10.0 8.6 12.8
68 5.5 4.8 7.2

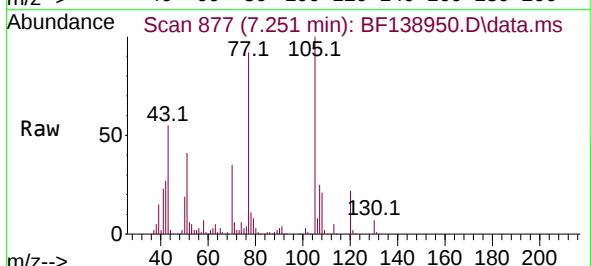
Manual Integrations

APPROVED

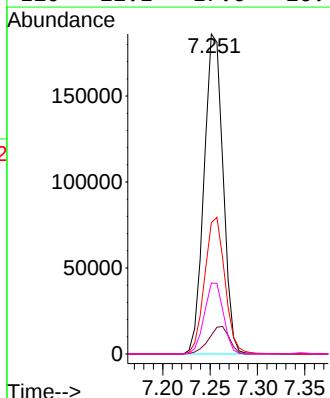
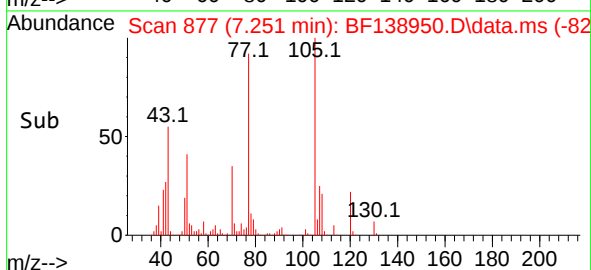
Reviewed By :Yogesh Patel 08/13/2024
Supervised By :mohammad ahmed 08/13/2024



#22
Acetophenone
Concen: 61.585 ng
RT: 7.251 min Scan# 877
Delta R.T. -0.006 min
Lab File: BF138950.D
Acq: 12 Aug 2024 23:28



Tgt Ion:105 Resp: 258951
Ion Ratio Lower Upper
105 100
71 5.8 7.2 10.8#
51 41.0 35.9 53.9
120 22.1 17.6 26.4





#23

Nitrobenzene-d5

Concen: 120.121 ng

RT: 7.410 min Scan# 904

Delta R.T. 0.000 min

Lab File: BF138950.D

Acq: 12 Aug 2024 23:28

Instrument :

BNA_F

ClientSampleId :

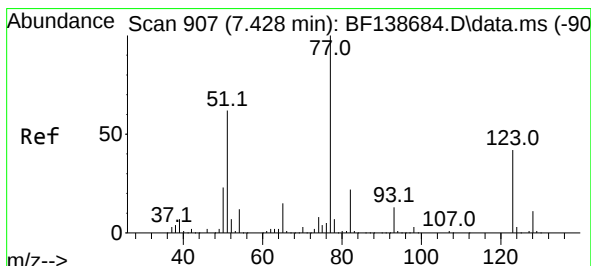
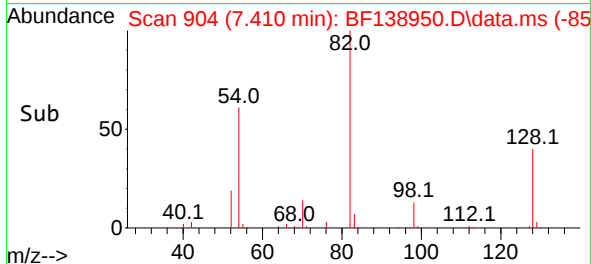
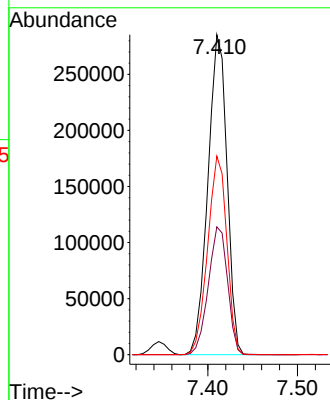
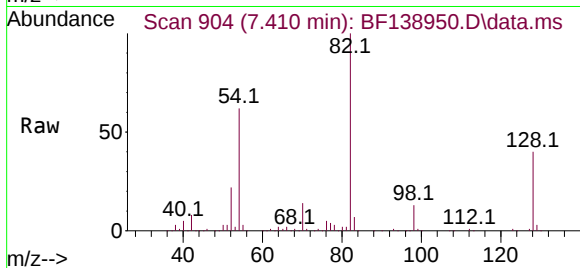
TS04MS

Tgt Ion: 82 Resp: 421924
 Ion Ratio Lower Upper
 82 100
 128 40.0 32.8 49.2
 54 62.1 48.3 72.5

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 08/13/2024
 Supervised By :mohammad ahmed 08/13/2024



#24

Nitrobenzene

Concen: 60.744 ng

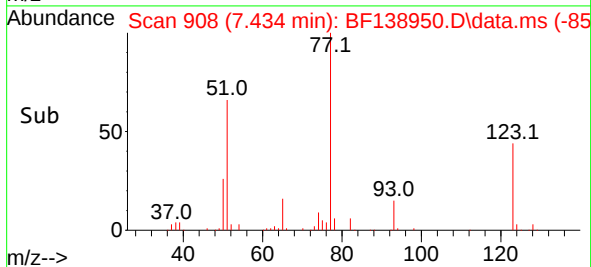
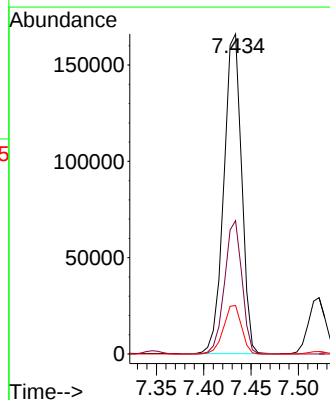
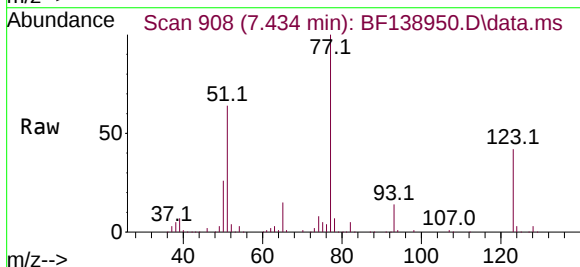
RT: 7.434 min Scan# 908

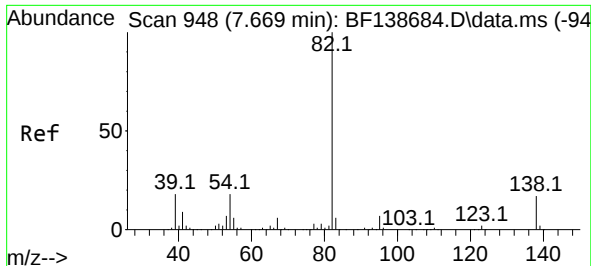
Delta R.T. 0.006 min

Lab File: BF138950.D

Acq: 12 Aug 2024 23:28

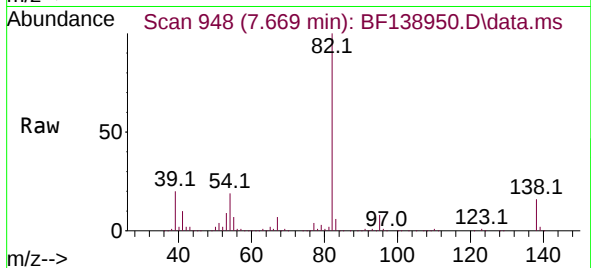
Tgt Ion: 77 Resp: 217111
 Ion Ratio Lower Upper
 77 100
 123 41.7 33.3 49.9
 65 15.1 11.9 17.9





#25
Isophorone
Concen: 66.244 ng
RT: 7.669 min Scan# 948
Delta R.T. 0.000 min
Lab File: BF138950.D
Acq: 12 Aug 2024 23:28

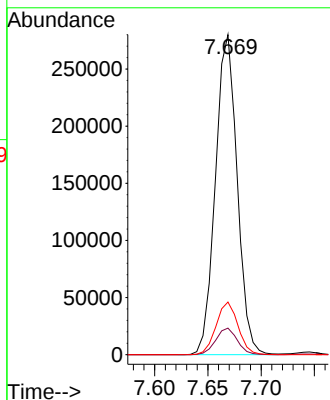
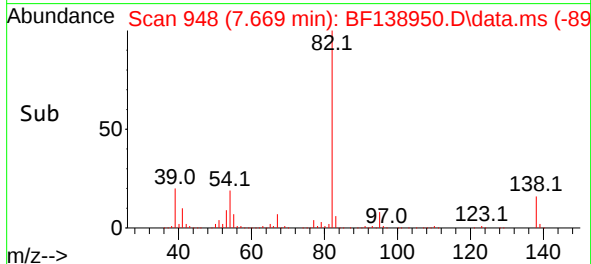
Instrument :
BNA_F
ClientSampleId :
TS04MS



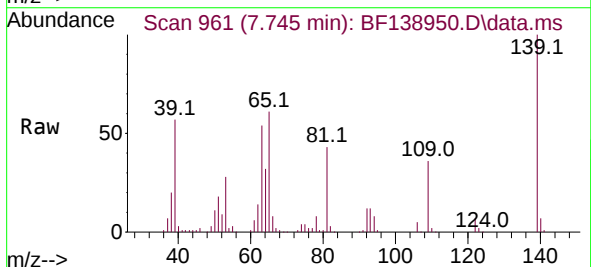
Tgt Ion: 82 Resp: 397310
Ion Ratio Lower Upper
82 100
95 8.3 5.7 8.5
138 16.5 13.7 20.5

Manual Integrations
APPROVED

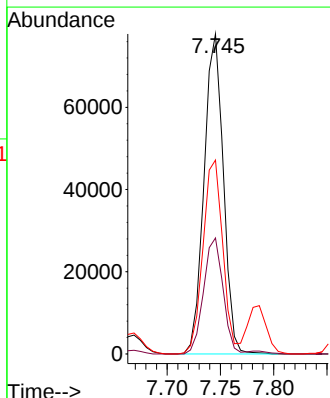
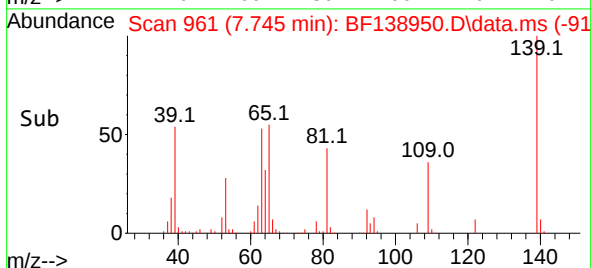
Reviewed By :Yogesh Patel 08/13/2024
Supervised By :mohammad ahmed 08/13/2024

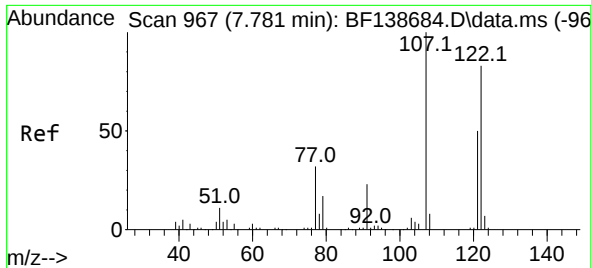


#26
2-Nitrophenol
Concen: 64.018 ng
RT: 7.745 min Scan# 961
Delta R.T. 0.000 min
Lab File: BF138950.D
Acq: 12 Aug 2024 23:28



Tgt Ion:139 Resp: 98443
Ion Ratio Lower Upper
139 100
109 36.2 25.9 38.9
65 60.6 47.0 70.6





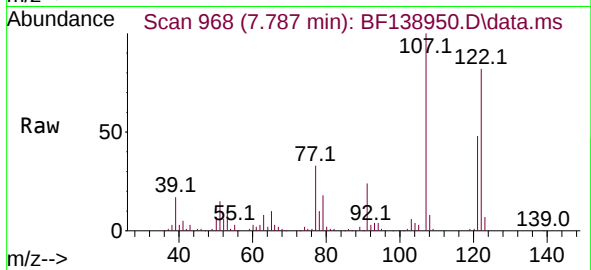
#27
2,4-Dimethylphenol
Concen: 66.384 ng
RT: 7.787 min Scan# 967
Delta R.T. 0.006 min
Lab File: BF138950.D
Acq: 12 Aug 2024 23:28

Instrument :

BNA_F

ClientSampleId :

TS04MS

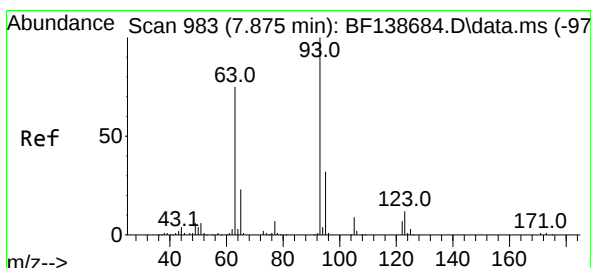
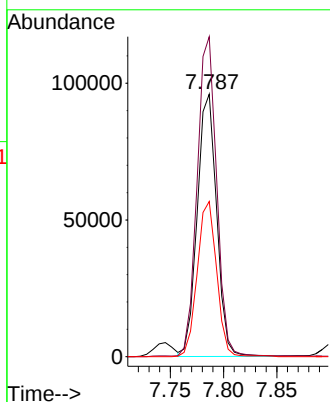
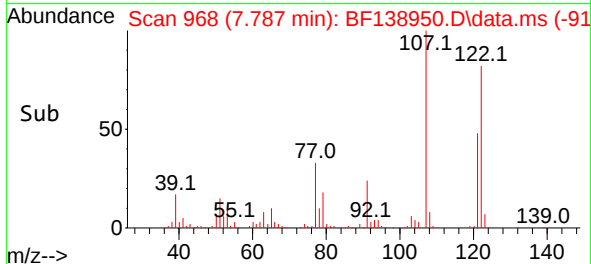


Tgt Ion:122 Resp: 12213
Ion Ratio Lower Upper
122 100
107 121.9 95.0 142.6
121 59.1 47.3 70.9

Manual Integrations

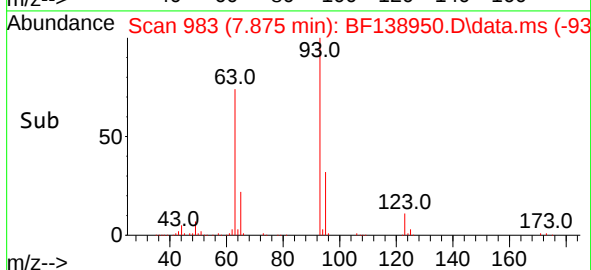
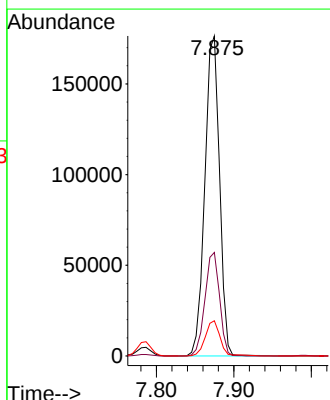
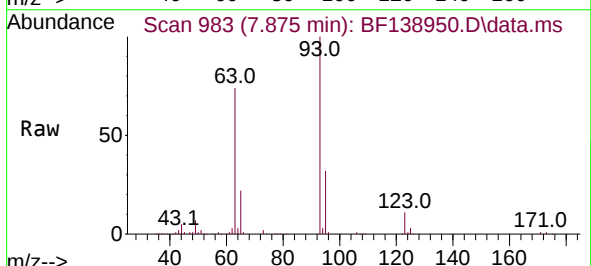
APPROVED

Reviewed By :Yogesh Patel 08/13/2024
Supervised By :mohammad ahmed 08/13/2024



#28
bis(2-Chloroethoxy)methane
Concen: 63.522 ng
RT: 7.875 min Scan# 983
Delta R.T. 0.000 min
Lab File: BF138950.D
Acq: 12 Aug 2024 23:28

Tgt Ion: 93 Resp: 232008
Ion Ratio Lower Upper
93 100
95 32.4 25.8 38.8
123 11.0 9.4 14.0





#29

2,4-Dichlorophenol

Concen: 63.287 ng

RT: 7.992 min Scan# 1003

Delta R.T. 0.000 min

Lab File: BF138950.D

Acq: 12 Aug 2024 23:28

Instrument :

BNA_F

ClientSampleId :

TS04MS

Tgt Ion:162 Resp: 14962

Ion Ratio Lower Upper

162 100

164 64.0 44.7 84.7

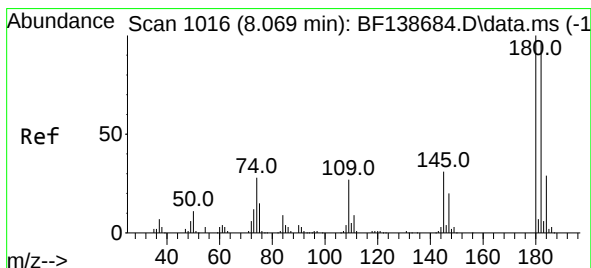
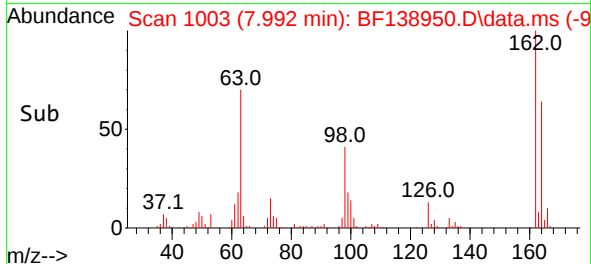
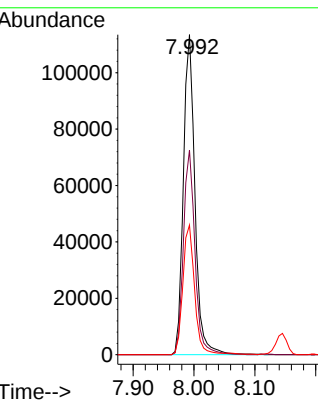
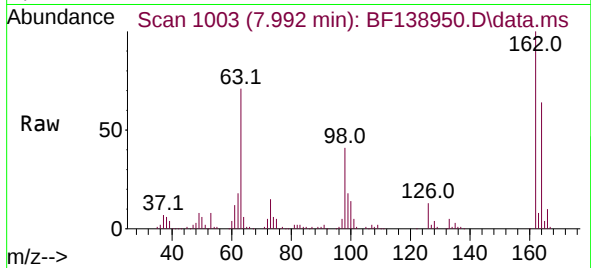
98 40.5 20.8 60.8

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 08/13/2024

Supervised By :mohammad ahmed 08/13/2024



#30

1,2,4-Trichlorobenzene

Concen: 56.889 ng

RT: 8.063 min Scan# 1015

Delta R.T. -0.006 min

Lab File: BF138950.D

Acq: 12 Aug 2024 23:28

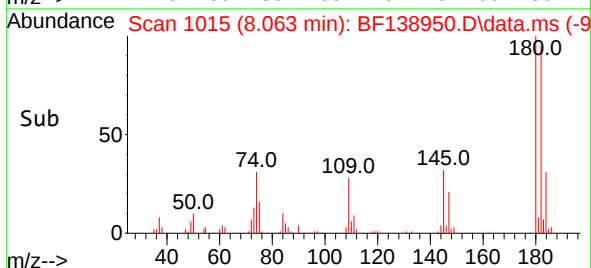
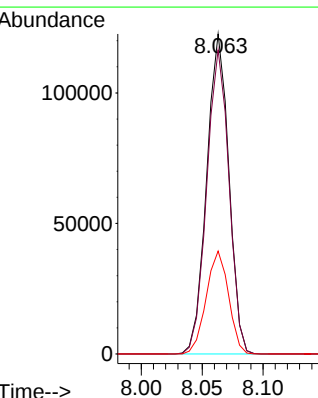
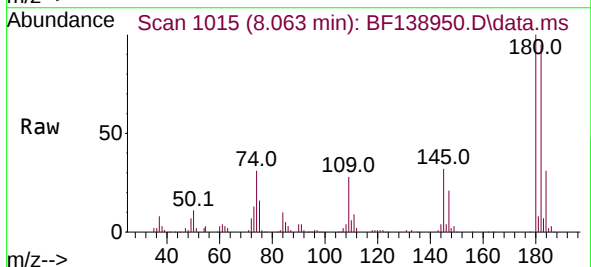
Tgt Ion:180 Resp: 155212

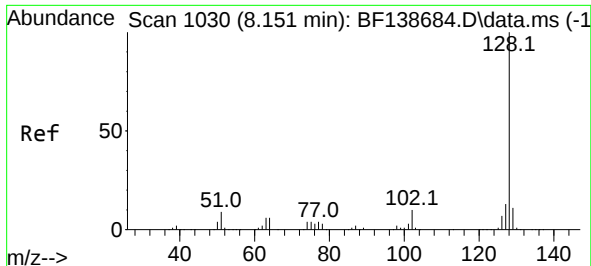
Ion Ratio Lower Upper

180 100

182 95.1 76.9 115.3

145 32.2 25.0 37.4





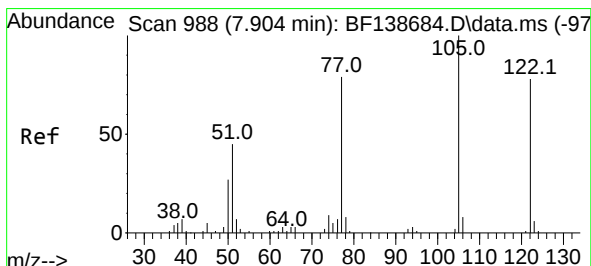
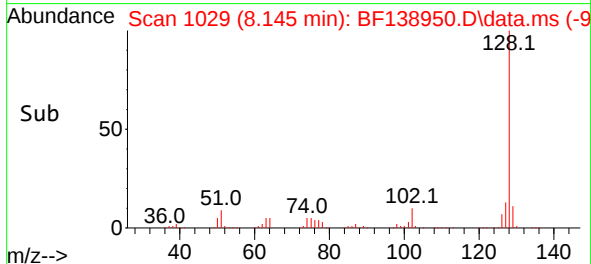
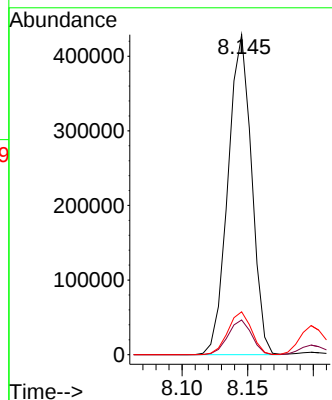
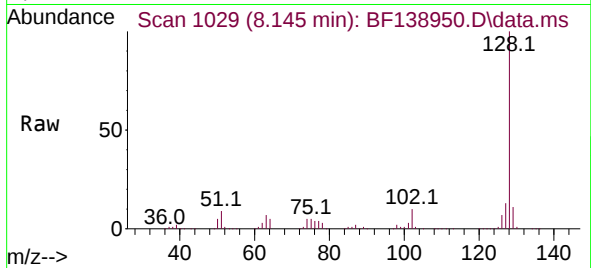
#31
Naphthalene
Concen: 59.433 ng
RT: 8.145 min Scan# 1030
Delta R.T. -0.006 min
Lab File: BF138950.D
Acq: 12 Aug 2024 23:28

Instrument :
BNA_F
ClientSampleId :
TS04MS

Tgt Ion:128 Resp: 53723
Ion Ratio Lower Upper
128 100
129 10.9 8.7 13.1
127 13.4 10.6 16.0

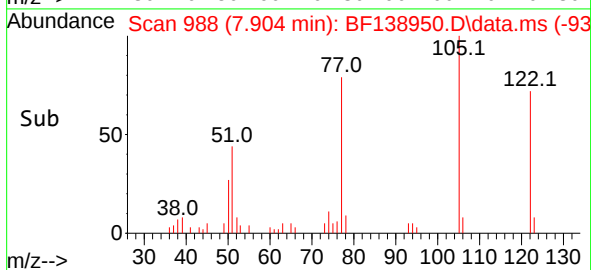
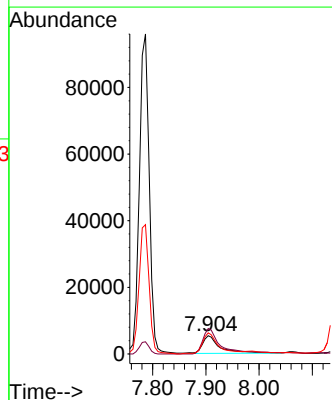
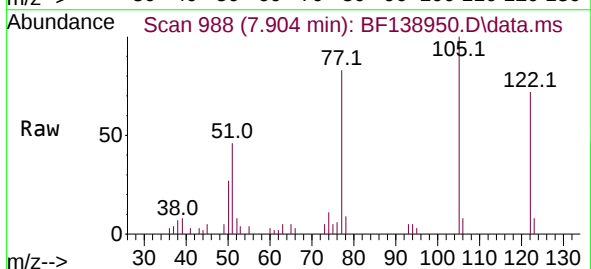
Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 08/13/2024
Supervised By :mohammad ahmed 08/13/2024



#32
Benzoic acid
Concen: 8.561 ng
RT: 7.904 min Scan# 988
Delta R.T. 0.000 min
Lab File: BF138950.D
Acq: 12 Aug 2024 23:28

Tgt Ion:122 Resp: 12382
Ion Ratio Lower Upper
122 100
105 139.4 106.7 146.7
77 115.6 81.1 121.1





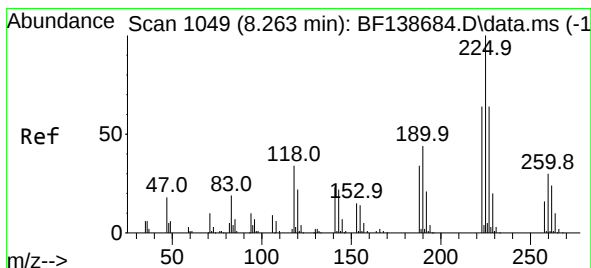
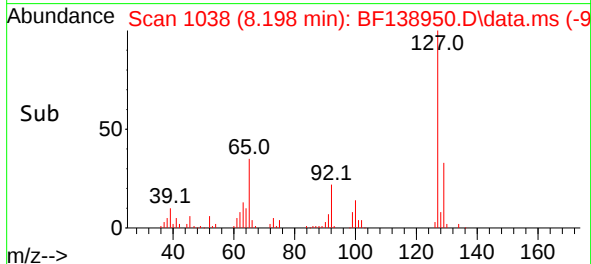
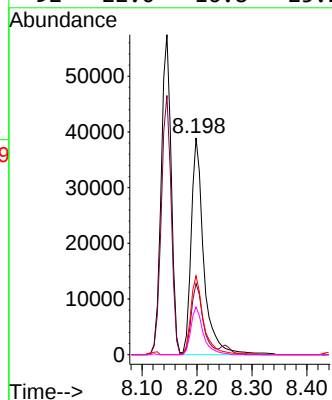
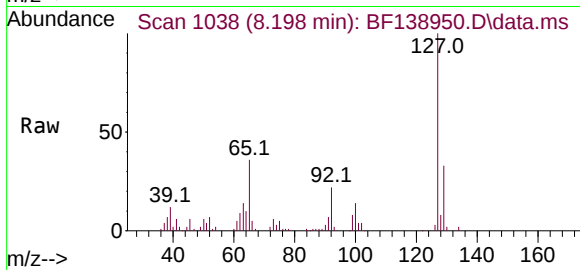
#33
4-Chloroaniline
Concen: 20.470 ng
RT: 8.198 min Scan# 1038
Delta R.T. -0.006 min
Lab File: BF138950.D
Acq: 12 Aug 2024 23:28

Instrument :
BNA_F
ClientSampleId :
TS04MS

Tgt Ion:	127	Resp:	6211
Ion Ratio	Lower	Upper	
127	100		
129	32.8	25.9	38.9
65	36.4	27.6	41.4
92	22.0	16.8	25.2

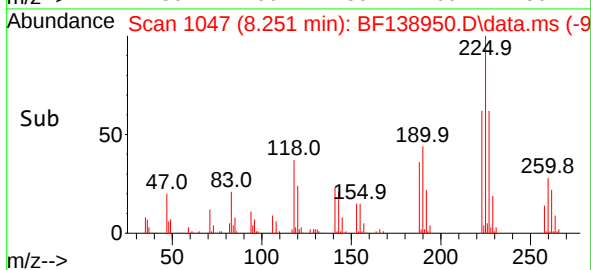
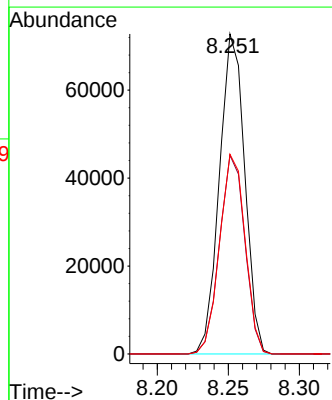
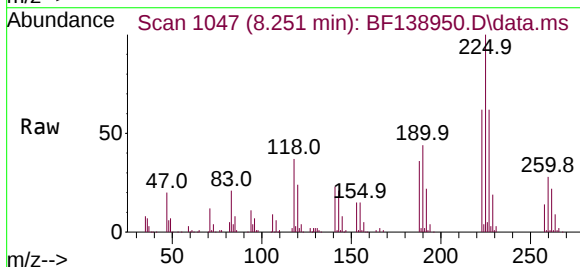
Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 08/13/2024
Supervised By :mohammad ahmed 08/13/2024



#34
Hexachlorobutadiene
Concen: 54.625 ng
RT: 8.251 min Scan# 1047
Delta R.T. -0.012 min
Lab File: BF138950.D
Acq: 12 Aug 2024 23:28

Tgt Ion:	225	Resp:	90270
Ion Ratio	Lower	Upper	
225	100		
223	62.1	51.2	76.8
227	62.4	51.1	76.7





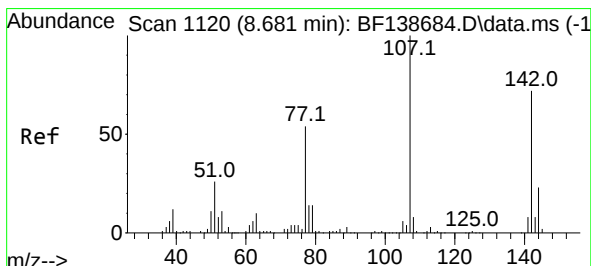
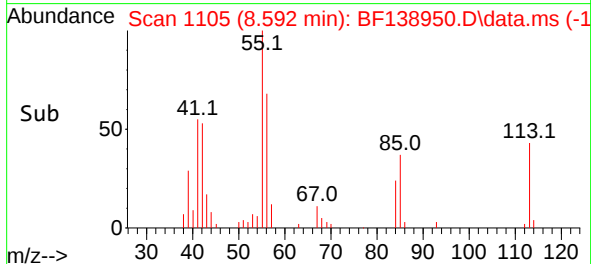
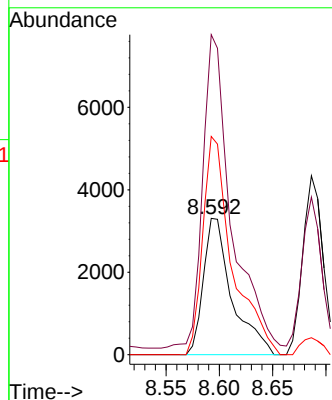
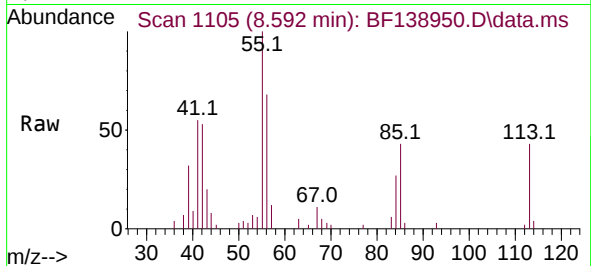
#35
Caprolactam
Concen: 8.777 ng
RT: 8.592 min Scan# 1105
Delta R.T. 0.024 min
Lab File: BF138950.D
Acq: 12 Aug 2024 23:28

Instrument :
BNA_F
ClientSampleId :
TS04MS

Tgt Ion:113 Resp: 6192
Ion Ratio Lower Upper
113 100
55 234.8 186.7 226.7
56 160.1 138.9 178.9

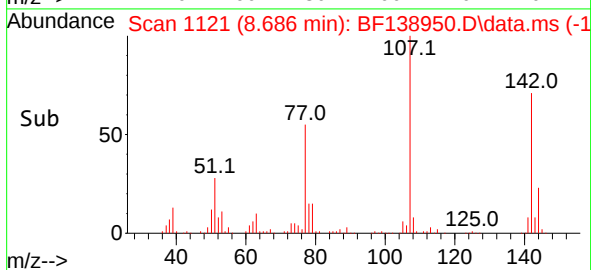
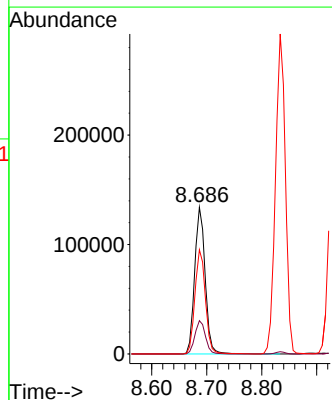
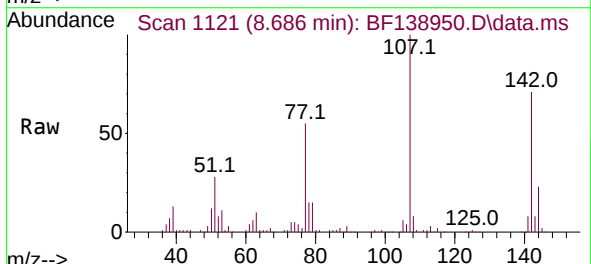
Manual Integrations
APPROVED

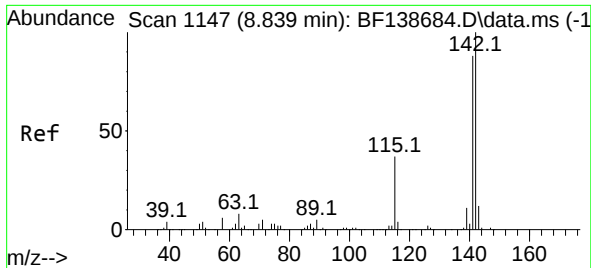
Reviewed By :Yogesh Patel 08/13/2024
Supervised By :mohammad ahmed 08/13/2024



#36
4-Chloro-3-methylphenol
Concen: 65.727 ng
RT: 8.686 min Scan# 1121
Delta R.T. 0.006 min
Lab File: BF138950.D
Acq: 12 Aug 2024 23:28

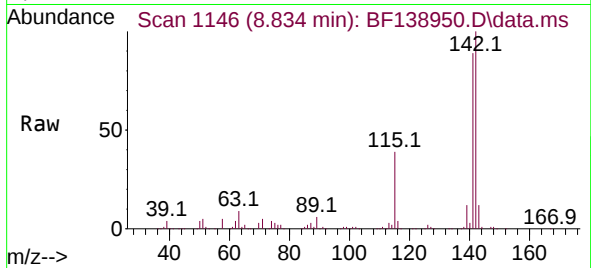
Tgt Ion:107 Resp: 177589
Ion Ratio Lower Upper
107 100
144 22.7 18.2 27.2
142 71.1 57.4 86.2





#37
2-Methylnaphthalene
Concen: 64.452 ng
RT: 8.834 min Scan# 1147
Delta R.T. -0.006 min
Lab File: BF138950.D
Acq: 12 Aug 2024 23:28

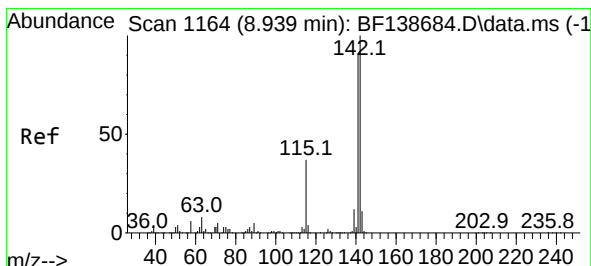
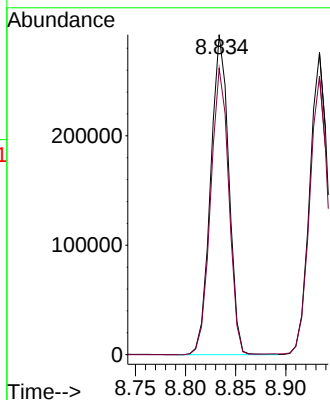
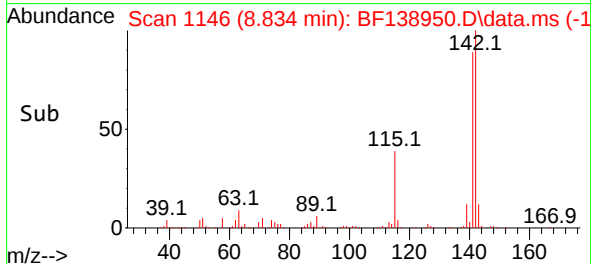
Instrument :
BNA_F
ClientSampleId :
TS04MS



Tgt Ion:142 Resp: 36794
Ion Ratio Lower Upper
142 100
141 89.5 70.8 106.2

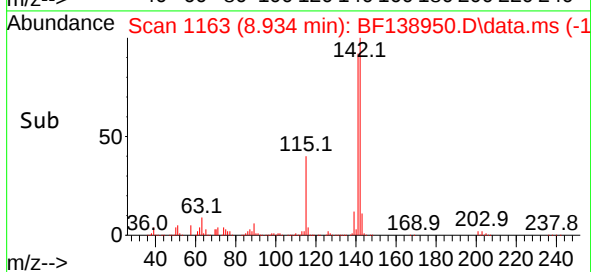
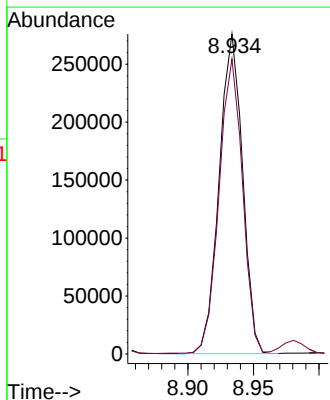
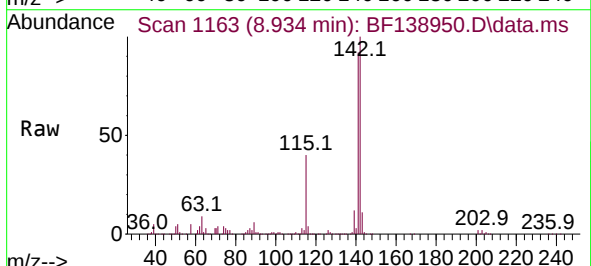
Manual Integrations
APPROVED

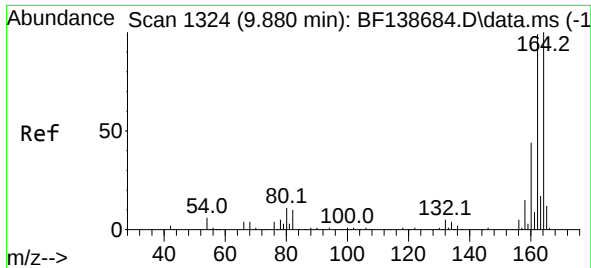
Reviewed By :Yogesh Patel 08/13/2024
Supervised By :mohammad ahmed 08/13/2024



#38
1-Methylnaphthalene
Concen: 61.125 ng
RT: 8.934 min Scan# 1163
Delta R.T. -0.006 min
Lab File: BF138950.D
Acq: 12 Aug 2024 23:28

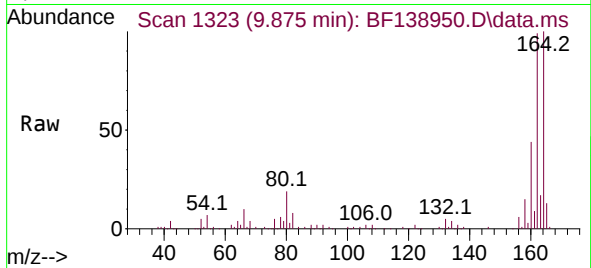
Tgt Ion:142 Resp: 341940
Ion Ratio Lower Upper
142 100
141 92.2 73.1 109.7





#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.875 min Scan# 1174
Delta R.T. -0.005 min
Lab File: BF138950.D
Acq: 12 Aug 2024 23:28

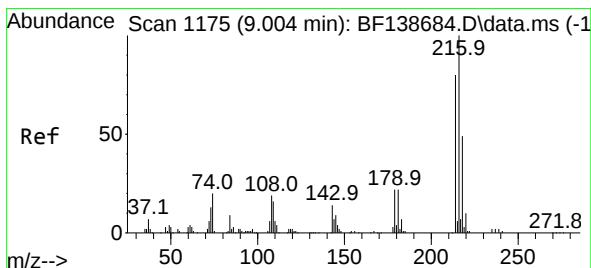
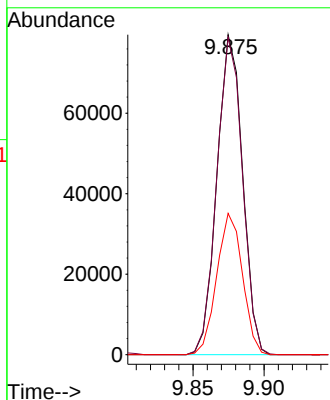
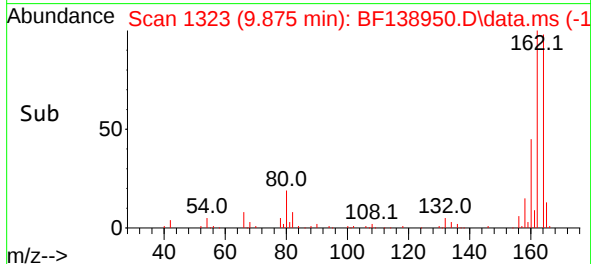
Instrument :
BNA_F
ClientSampleId :
TS04MS



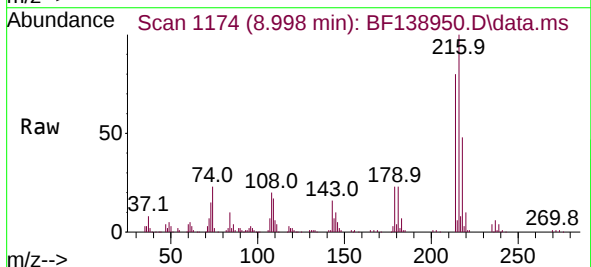
Tgt Ion:164 Resp: 99762
Ion Ratio Lower Upper
164 100
162 99.2 79.4 119.0
160 44.2 35.1 52.7

Manual Integrations
APPROVED

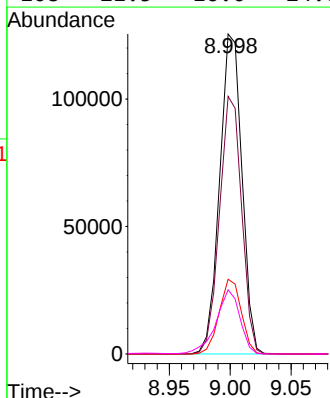
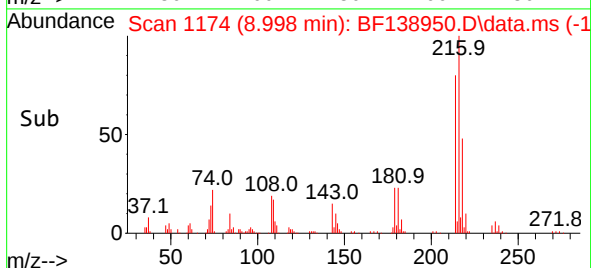
Reviewed By :Yogesh Patel 08/13/2024
Supervised By :mohammad ahmed 08/13/2024



#40
1,2,4,5-Tetrachlorobenzene
Concen: 57.637 ng
RT: 8.998 min Scan# 1174
Delta R.T. -0.006 min
Lab File: BF138950.D
Acq: 12 Aug 2024 23:28



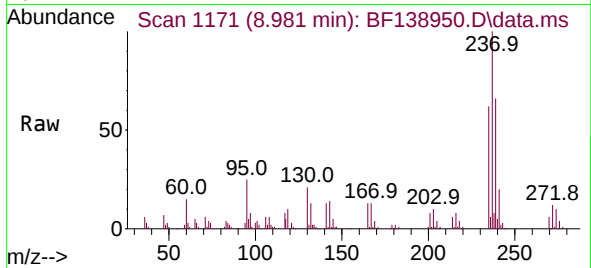
Tgt Ion:216 Resp: 159728
Ion Ratio Lower Upper
216 100
214 79.8 63.9 95.9
179 23.2 17.8 26.6
108 21.5 16.0 24.0





#41
Hexachlorocyclopentadiene
Concen: 138.516 ng
RT: 8.981 min Scan# 1172
Delta R.T. -0.005 min
Lab File: BF138950.D
Acq: 12 Aug 2024 23:28

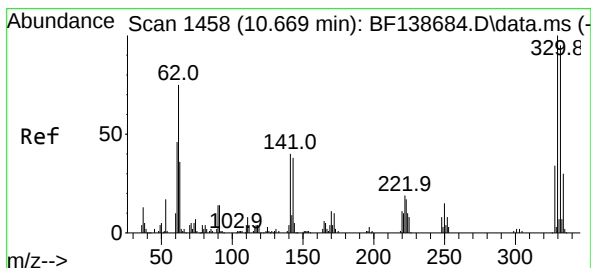
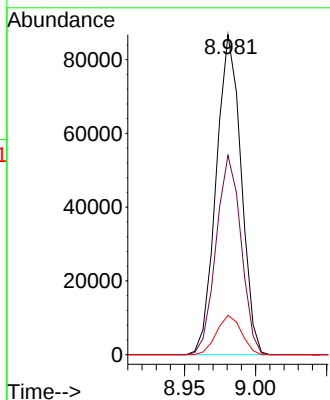
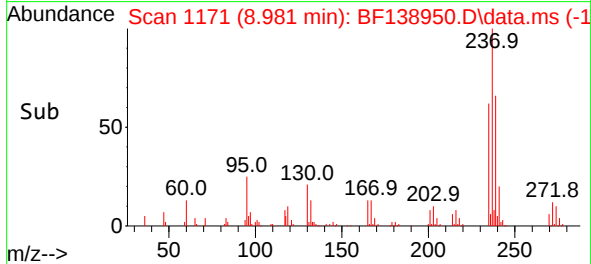
Instrument :
BNA_F
ClientSampleId :
TS04MS



Tgt Ion:237 Resp: 10569
Ion Ratio Lower Upper
237 100
235 62.3 41.8 81.8
272 12.3 0.0 32.2

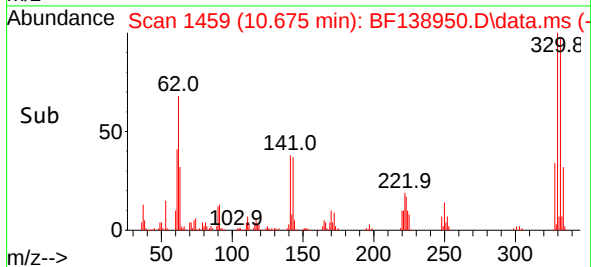
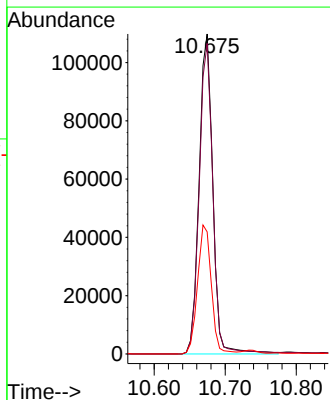
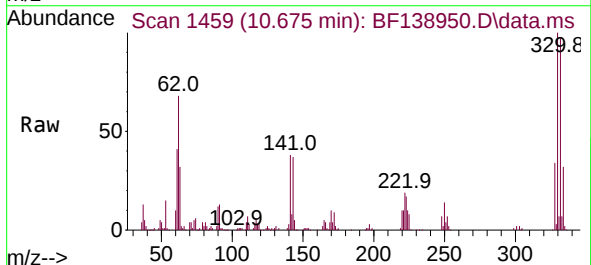
Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 08/13/2024
Supervised By :mohammad ahmed 08/13/2024



#42
2,4,6-Tribromophenol
Concen: 180.729 ng
RT: 10.675 min Scan# 1459
Delta R.T. 0.006 min
Lab File: BF138950.D
Acq: 12 Aug 2024 23:28

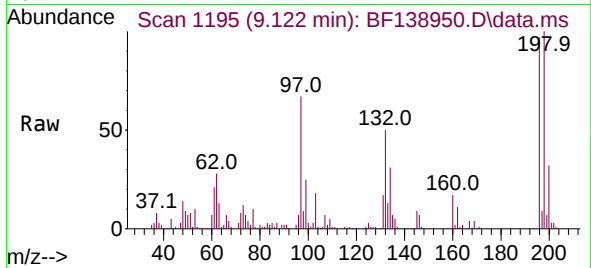
Tgt Ion:330 Resp: 147689
Ion Ratio Lower Upper
330 100
332 97.1 76.4 114.6
141 40.6 31.1 46.7





#43
2,4,6-Trichlorophenol
Concen: 59.243 ng
RT: 9.122 min Scan# 1194
Delta R.T. 0.006 min
Lab File: BF138950.D
Acq: 12 Aug 2024 23:28

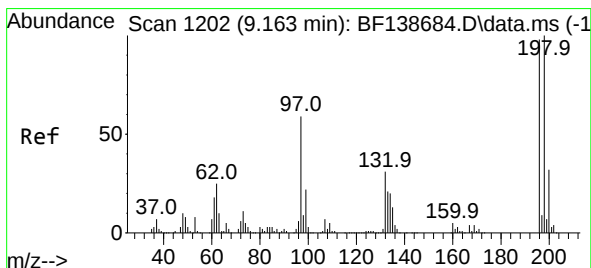
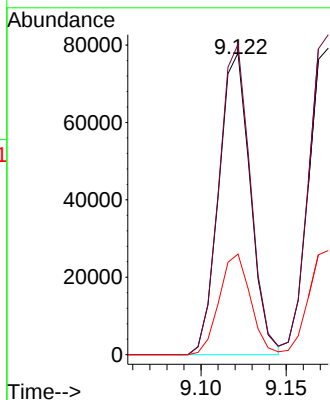
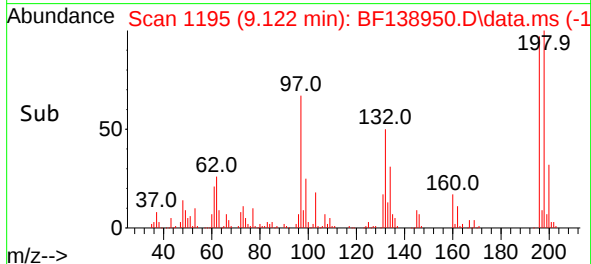
Instrument :
BNA_F
ClientSampleId :
TS04MS



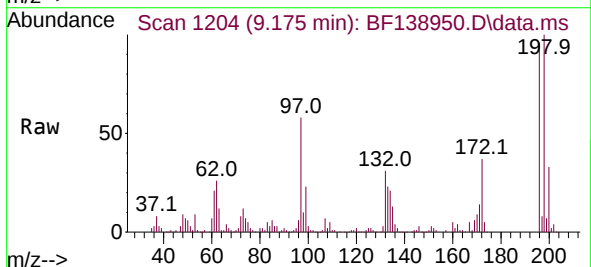
Tgt Ion:196 Resp: 10010
Ion Ratio Lower Upper
196 100
198 102.9 80.5 120.7
200 33.3 25.9 38.9

Manual Integrations
APPROVED

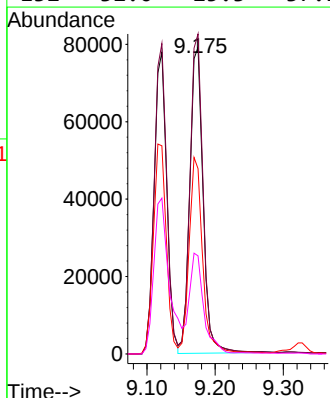
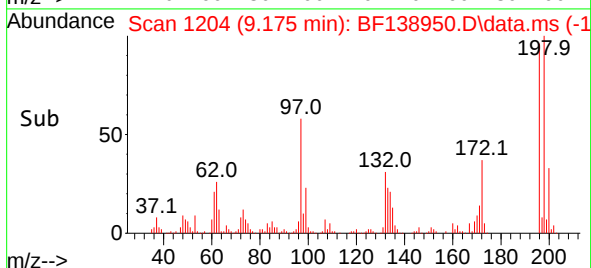
Reviewed By :Yogesh Patel 08/13/2024
Supervised By :mohammad ahmed 08/13/2024



#44
2,4,5-Trichlorophenol
Concen: 57.573 ng
RT: 9.175 min Scan# 1204
Delta R.T. 0.012 min
Lab File: BF138950.D
Acq: 12 Aug 2024 23:28



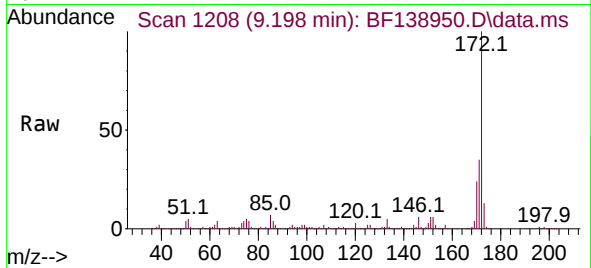
Tgt Ion:196 Resp: 106348
Ion Ratio Lower Upper
196 100
198 104.4 81.2 121.8
97 60.4 47.8 71.6
132 32.0 25.3 37.9





#45
2-Fluorobiphenyl
Concen: 114.698 ng
RT: 9.198 min Scan# 1208
Delta R.T. -0.006 min
Lab File: BF138950.D
Acq: 12 Aug 2024 23:28

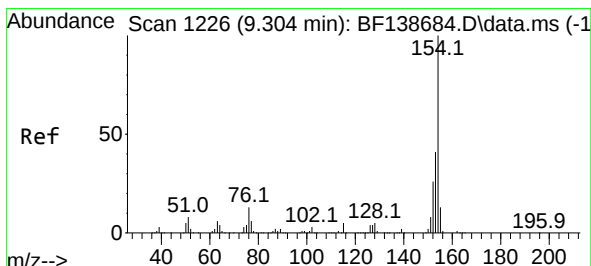
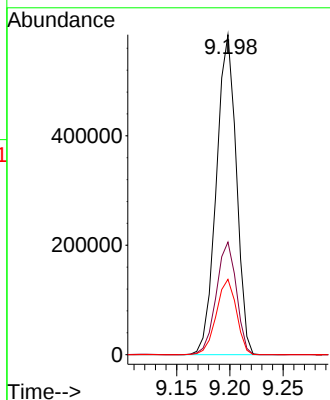
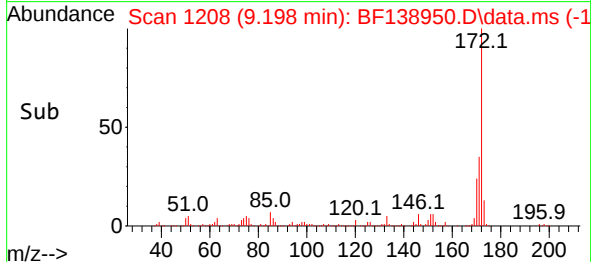
Instrument :
BNA_F
ClientSampleId :
TS04MS



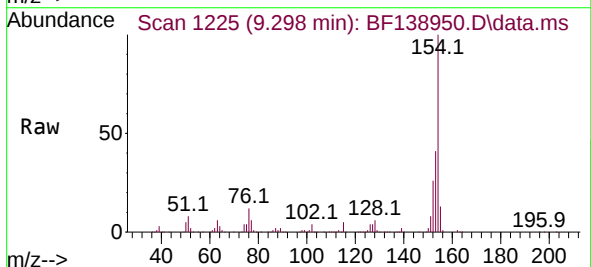
Tgt Ion:172 Resp: 761561
Ion Ratio Lower Upper
172 100
171 35.2 28.3 42.5
170 23.5 18.8 28.2

Manual Integrations
APPROVED

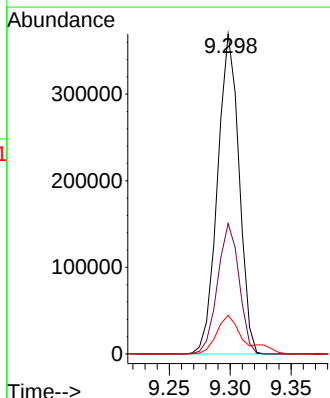
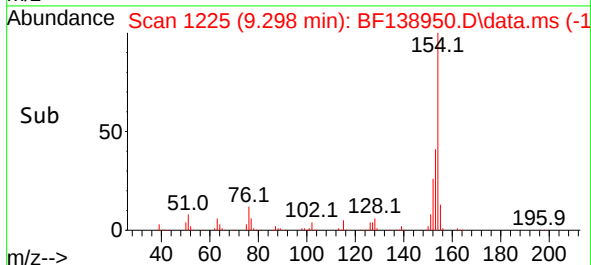
Reviewed By :Yogesh Patel 08/13/2024
Supervised By :mohammad ahmed 08/13/2024



#46
1,1'-Biphenyl
Concen: 58.171 ng
RT: 9.298 min Scan# 1225
Delta R.T. -0.006 min
Lab File: BF138950.D
Acq: 12 Aug 2024 23:28



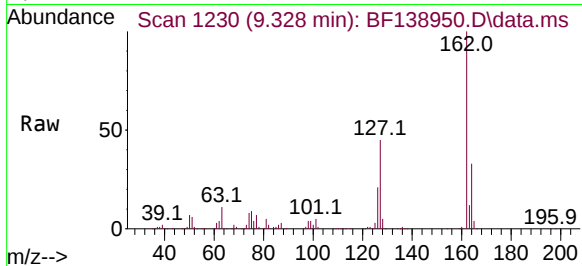
Tgt Ion:154 Resp: 454504
Ion Ratio Lower Upper
154 100
153 40.7 20.8 60.8
76 12.0 0.0 32.8





#47
2-Chloronaphthalene
Concen: 60.512 ng
RT: 9.328 min Scan# 1230
Delta R.T. 0.000 min
Lab File: BF138950.D
Acq: 12 Aug 2024 23:28

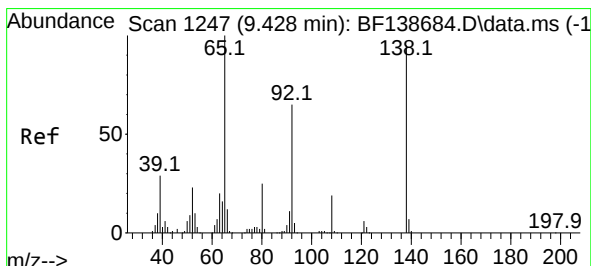
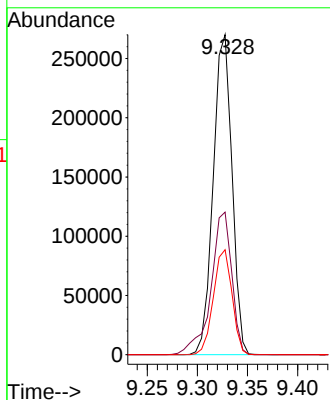
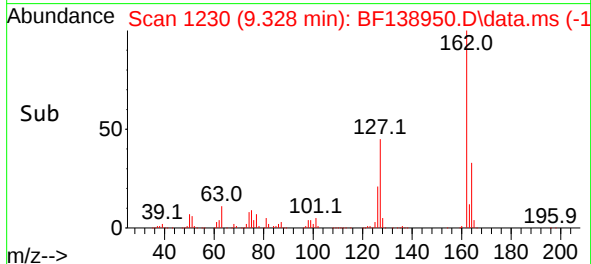
Instrument :
BNA_F
ClientSampleId :
TS04MS



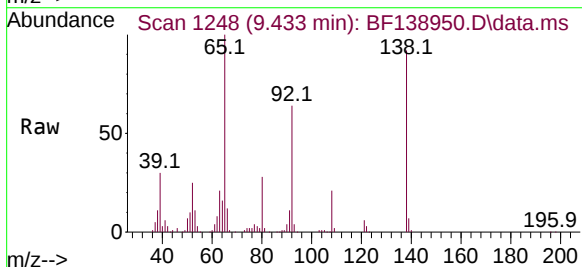
Tgt Ion:162 Resp: 35163
Ion Ratio Lower Upper
162 100
127 44.5 35.4 53.2
164 32.8 25.6 38.4

Manual Integrations
APPROVED

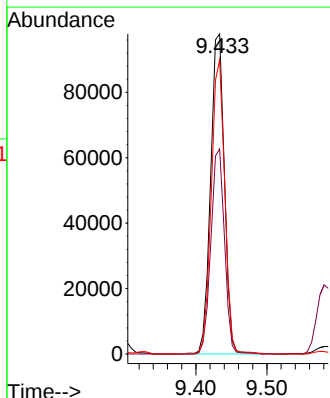
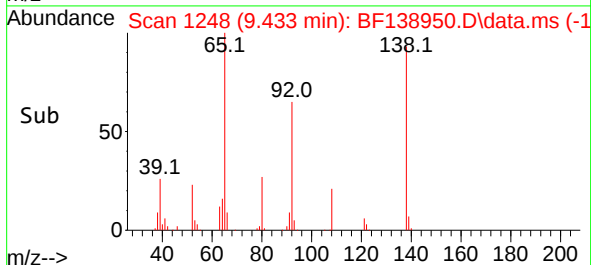
Reviewed By :Yogesh Patel 08/13/2024
Supervised By :mohammad ahmed 08/13/2024

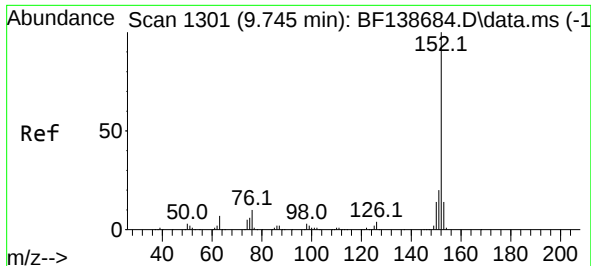


#48
2-Nitroaniline
Concen: 67.161 ng
RT: 9.433 min Scan# 1248
Delta R.T. 0.006 min
Lab File: BF138950.D
Acq: 12 Aug 2024 23:28



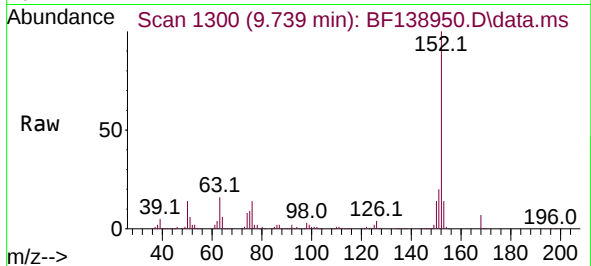
Tgt Ion: 65 Resp: 132306
Ion Ratio Lower Upper
65 100
92 64.1 52.0 78.0
138 91.9 76.2 114.4





#49
Acenaphthylene
Concen: 67.714 ng
RT: 9.739 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF138950.D
Acq: 12 Aug 2024 23:28

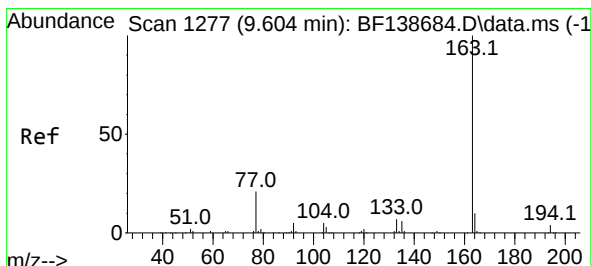
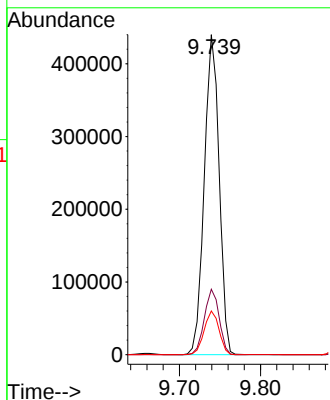
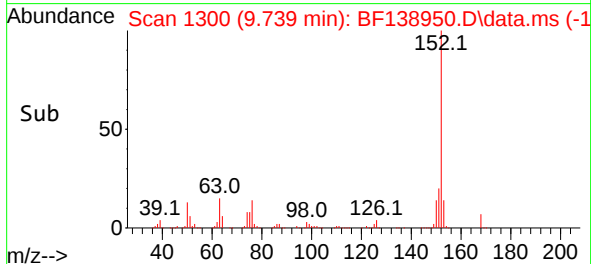
Instrument :
BNA_F
ClientSampleId :
TS04MS



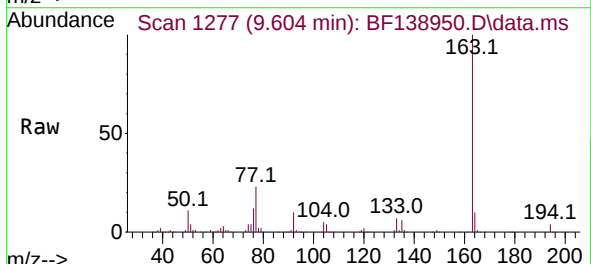
Tgt Ion:152 Resp: 558079
Ion Ratio Lower Upper
152 100
151 20.4 16.0 24.0
153 13.7 11.0 16.4

Manual Integrations
APPROVED

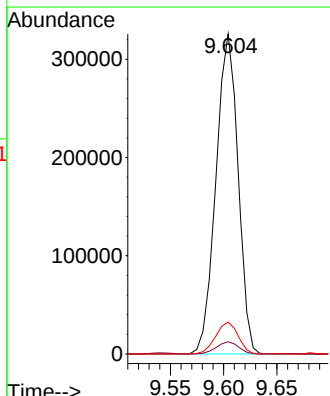
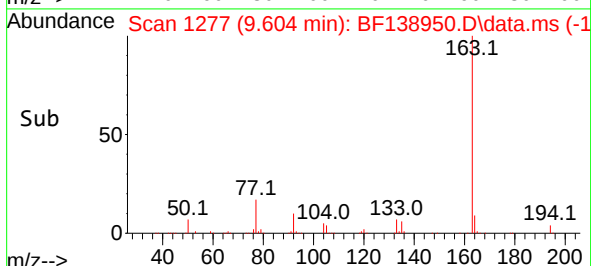
Reviewed By :Yogesh Patel 08/13/2024
Supervised By :mohammad ahmed 08/13/2024

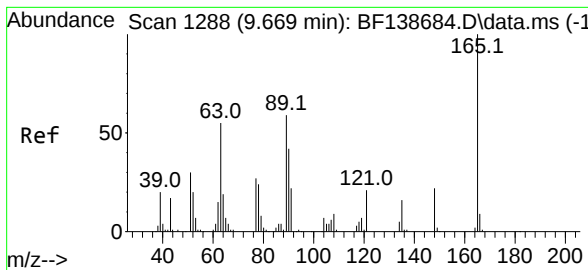


#50
Dimethylphthalate
Concen: 73.598 ng
RT: 9.604 min Scan# 1277
Delta R.T. 0.000 min
Lab File: BF138950.D
Acq: 12 Aug 2024 23:28



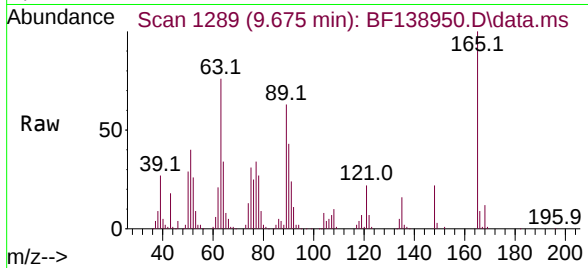
Tgt Ion:163 Resp: 469476
Ion Ratio Lower Upper
163 100
194 3.8 3.1 4.7
164 10.0 7.8 11.8





#51
2,6-Dinitrotoluene
Concen: 64.325 ng
RT: 9.675 min Scan# 1288
Delta R.T. 0.006 min
Lab File: BF138950.D
Acq: 12 Aug 2024 23:28

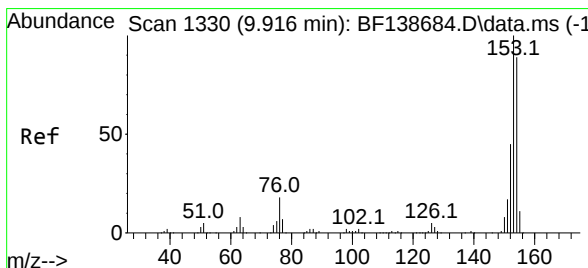
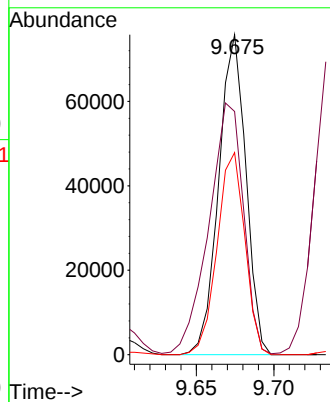
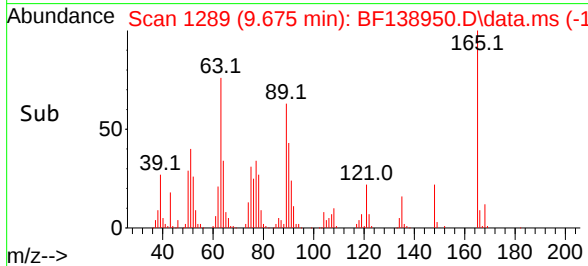
Instrument :
BNA_F
ClientSampleId :
TS04MS



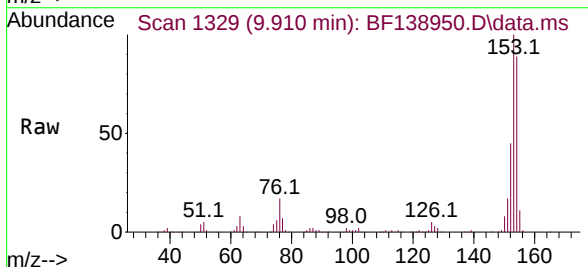
Tgt Ion:165 Resp: 92602
Ion Ratio Lower Upper
165 100
63 76.0 52.0 78.0
89 63.1 47.0 70.6

Manual Integrations
APPROVED

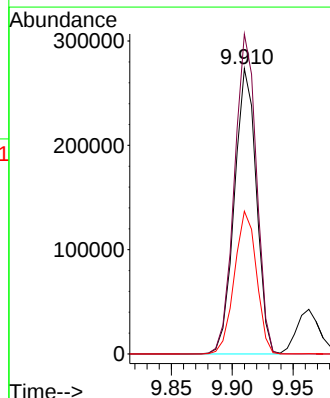
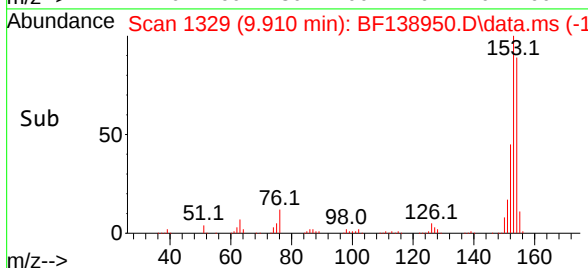
Reviewed By :Yogesh Patel 08/13/2024
Supervised By :mohammad ahmed 08/13/2024

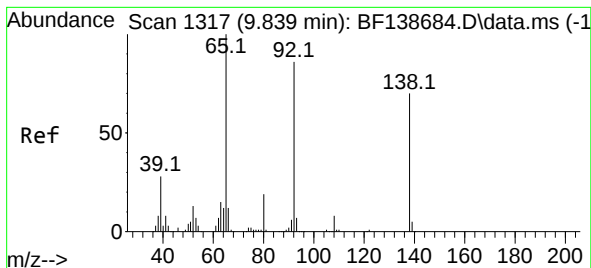


#52
Acenaphthene
Concen: 62.220 ng
RT: 9.910 min Scan# 1329
Delta R.T. -0.006 min
Lab File: BF138950.D
Acq: 12 Aug 2024 23:28



Tgt Ion:154 Resp: 344711
Ion Ratio Lower Upper
154 100
153 112.2 89.9 134.9
152 50.1 40.6 60.8





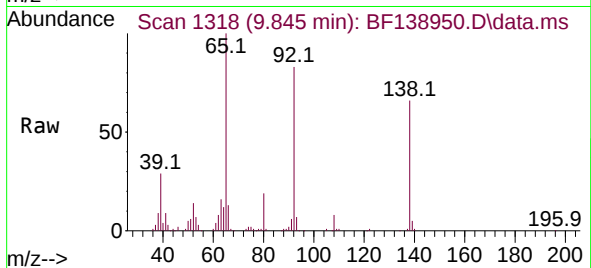
#53
3-Nitroaniline
Concen: 32.322 ng
RT: 9.845 min Scan# 11
Delta R.T. 0.006 min
Lab File: BF138950.D
Acq: 12 Aug 2024 23:28

Instrument :

BNA_F

ClientSampleId :

TS04MS



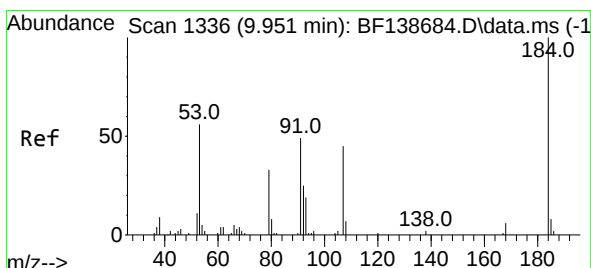
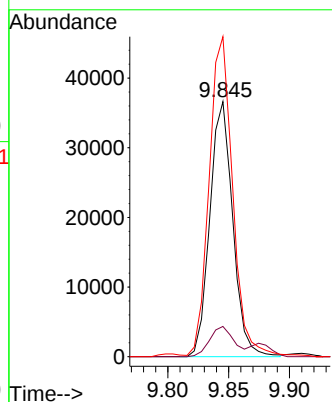
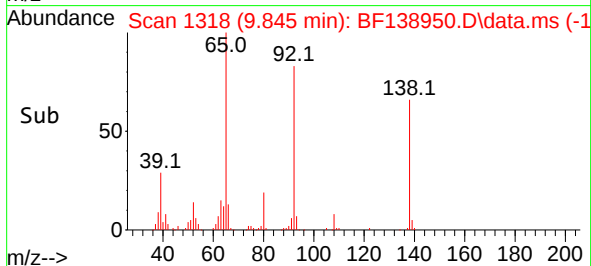
Tgt Ion:138 Resp: 4810
Ion Ratio Lower Upper
138 100
108 11.9 9.1 13.7
92 125.5 98.7 148.1

Manual Integrations

APPROVED

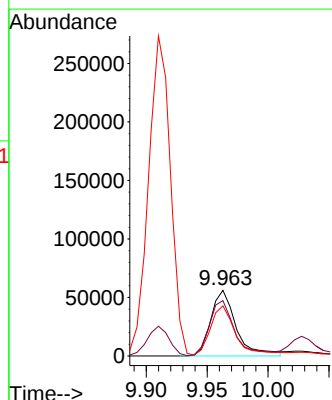
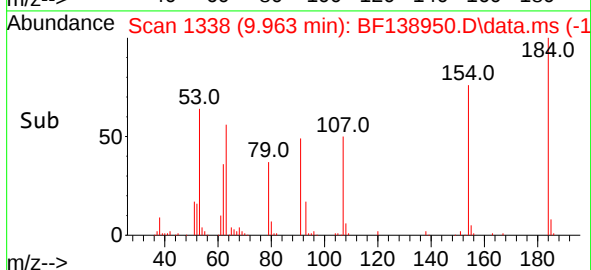
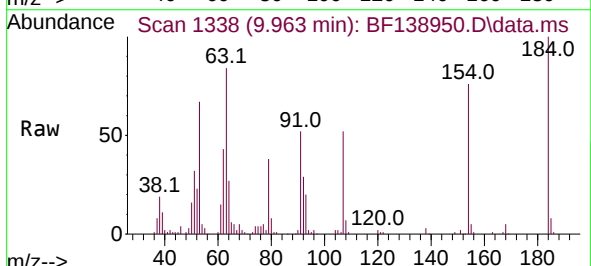
Reviewed By :Yogesh Patel 08/13/2024

Supervised By :mohammad ahmed 08/13/2024



#54
2,4-Dinitrophenol
Concen: 122.414 ng
RT: 9.963 min Scan# 1338
Delta R.T. 0.012 min
Lab File: BF138950.D
Acq: 12 Aug 2024 23:28

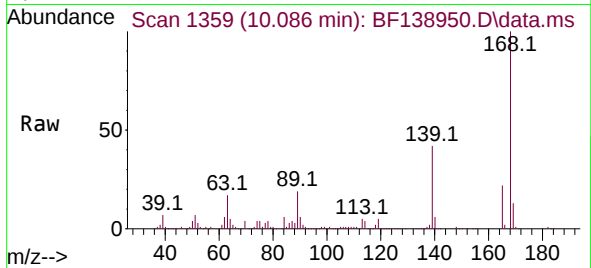
Tgt Ion:184 Resp: 81123
Ion Ratio Lower Upper
184 100
63 84.4 57.5 86.3
154 76.3 51.7 77.5





#55
Dibenzofuran
Concen: 64.916 ng
RT: 10.086 min Scan# 1359
Delta R.T. 0.000 min
Lab File: BF138950.D
Acq: 12 Aug 2024 23:28

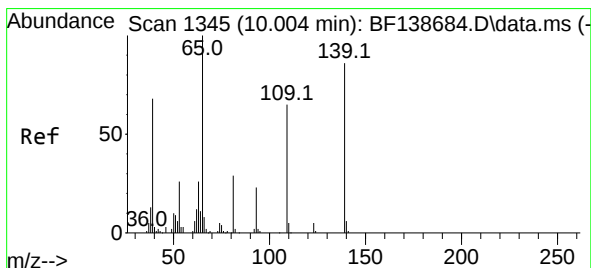
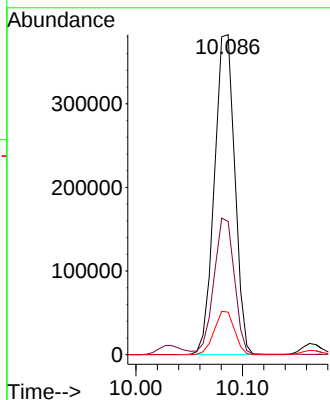
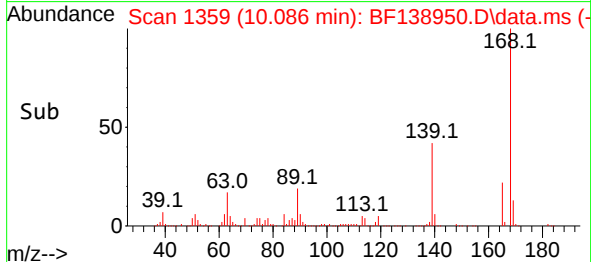
Instrument :
BNA_F
ClientSampleId :
TS04MS



Tgt Ion:168 Resp: 507674
Ion Ratio Lower Upper
168 100
139 41.6 32.6 49.0
169 13.3 10.7 16.1

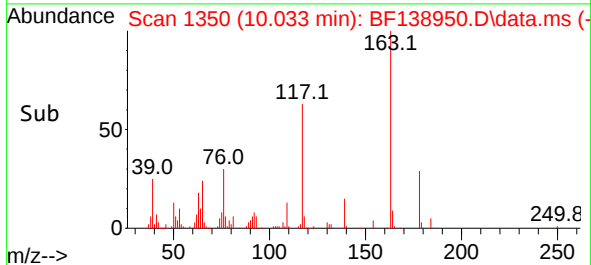
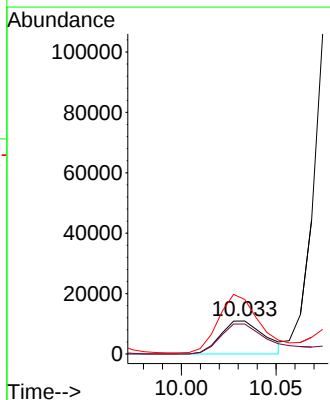
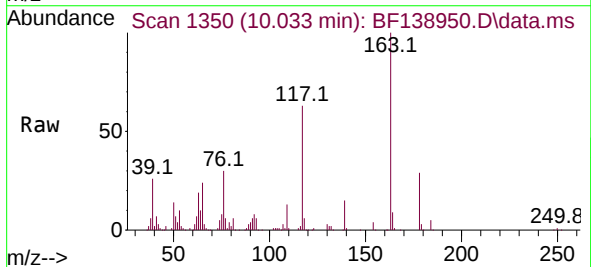
Manual Integrations
APPROVED

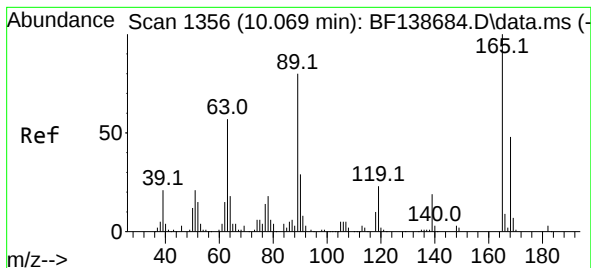
Reviewed By :Yogesh Patel 08/13/2024
Supervised By :mohammad ahmed 08/13/2024



#56
4-Nitrophenol
Concen: 19.663 ng
RT: 10.033 min Scan# 1350
Delta R.T. 0.029 min
Lab File: BF138950.D
Acq: 12 Aug 2024 23:28

Tgt Ion:139 Resp: 17597
Ion Ratio Lower Upper
139 100
109 90.6 55.5 95.5
65 165.1 96.7 136.7#





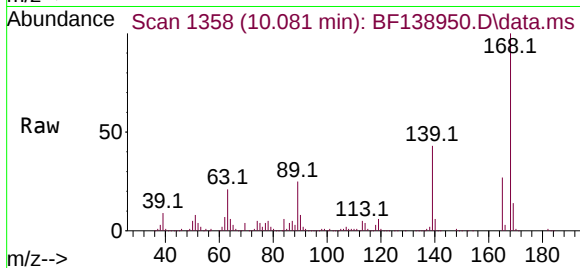
#57
2,4-Dinitrotoluene
Concen: 68.517 ng
RT: 10.081 min Scan# 1358
Delta R.T. 0.012 min
Lab File: BF138950.D
Acq: 12 Aug 2024 23:28

Instrument :

BNA_F

ClientSampleId :

TS04MS

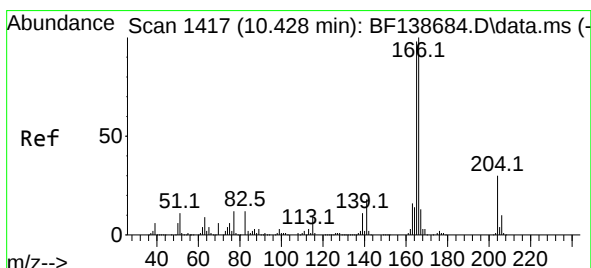
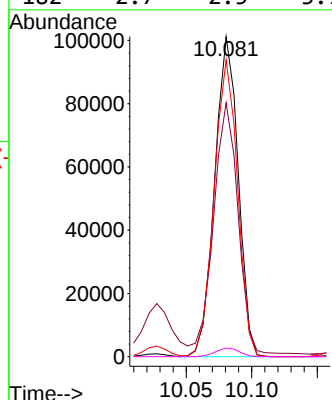
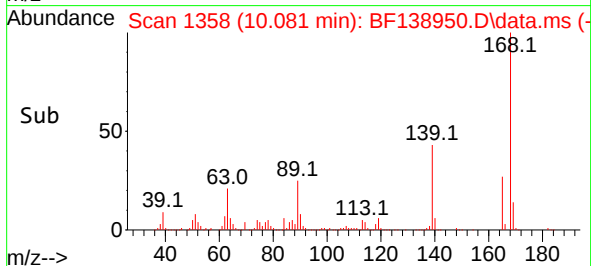


Tgt Ion:165 Resp: 125840
Ion Ratio Lower Upper
165 100
63 79.4 46.3 69.5
89 92.7 64.2 96.4
182 2.7 2.5 3.7

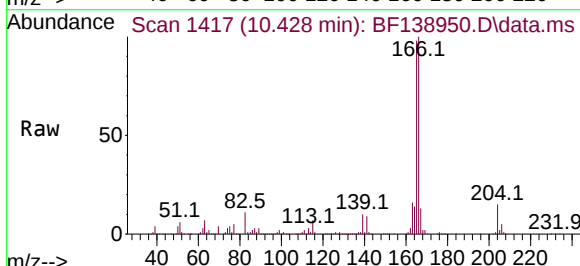
Manual Integrations

APPROVED

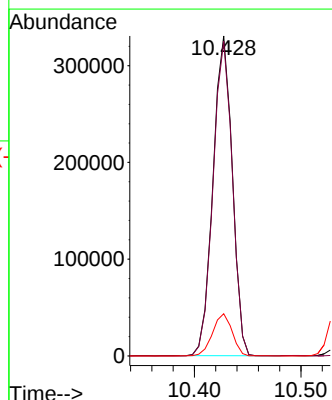
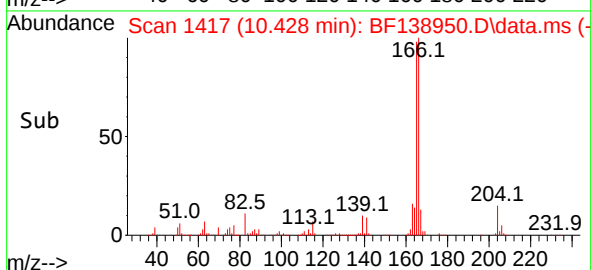
Reviewed By :Yogesh Patel 08/13/2024
Supervised By :mohammad ahmed 08/13/2024



#58
Fluorene
Concen: 66.675 ng
RT: 10.428 min Scan# 1417
Delta R.T. 0.000 min
Lab File: BF138950.D
Acq: 12 Aug 2024 23:28



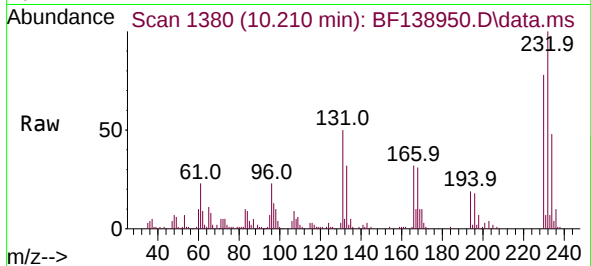
Tgt Ion:166 Resp: 415235
Ion Ratio Lower Upper
166 100
165 98.4 78.4 117.6
167 13.2 10.6 16.0





#59
2,3,4,6-Tetrachlorophenol
Concen: 62.045 ng
RT: 10.210 min Scan# 1380
Delta R.T. 0.006 min
Lab File: BF138950.D
Acq: 12 Aug 2024 23:28

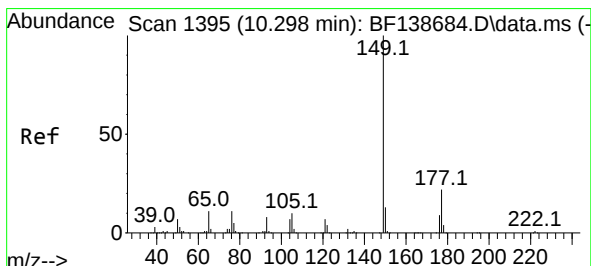
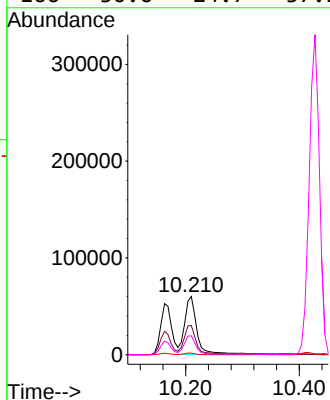
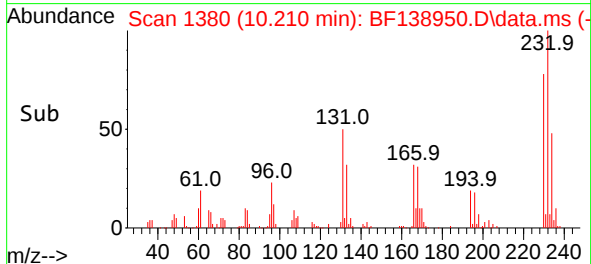
Instrument :
BNA_F
ClientSampleId :
TS04MS



Tgt Ion:232 Resp: 87620
Ion Ratio Lower Upper
232 100
131 50.6 37.0 55.4
130 2.6 2.0 3.0
166 30.6 24.7 37.1

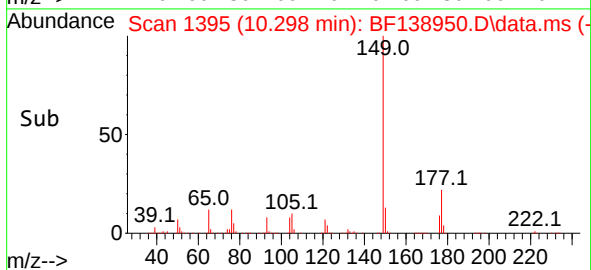
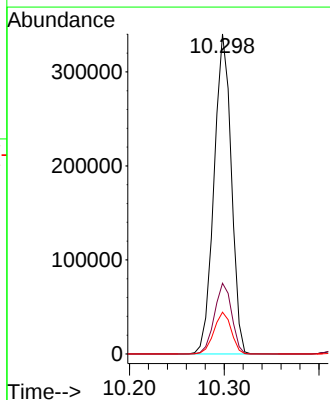
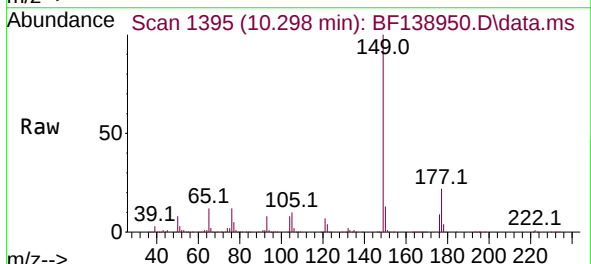
Manual Integrations
APPROVED

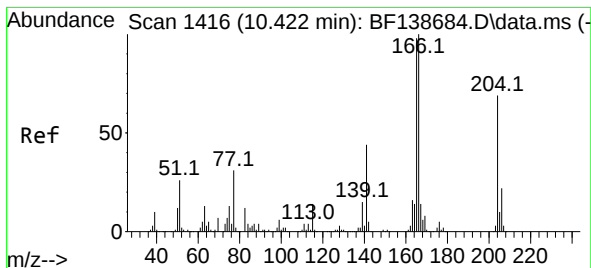
Reviewed By :Yogesh Patel 08/13/2024
Supervised By :mohammad ahmed 08/13/2024



#60
Diethylphthalate
Concen: 71.249 ng
RT: 10.298 min Scan# 1395
Delta R.T. 0.000 min
Lab File: BF138950.D
Acq: 12 Aug 2024 23:28

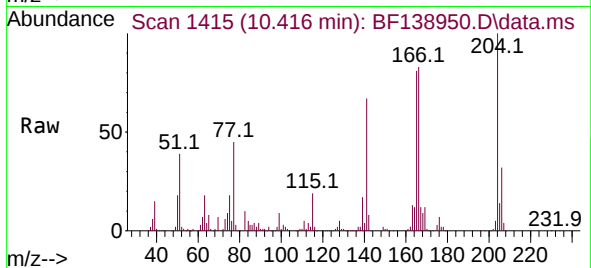
Tgt Ion:149 Resp: 430937
Ion Ratio Lower Upper
149 100
177 22.1 17.8 26.8
150 13.1 10.1 15.1





#61
4-Chlorophenyl-phenylether
Concen: 67.566 ng
RT: 10.416 min Scan# 1416
Delta R.T. -0.006 min
Lab File: BF138950.D
Acq: 12 Aug 2024 23:28

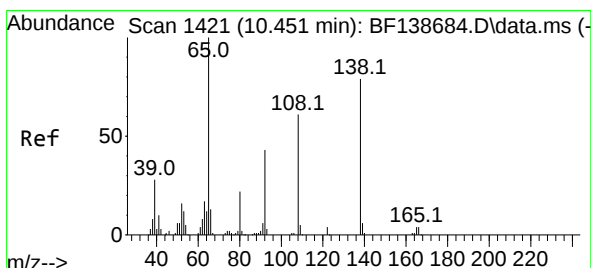
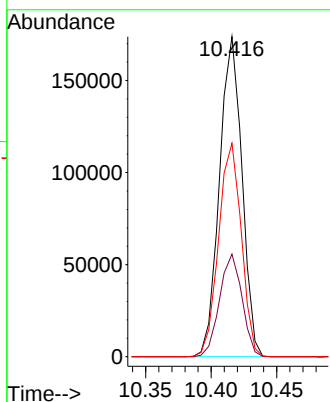
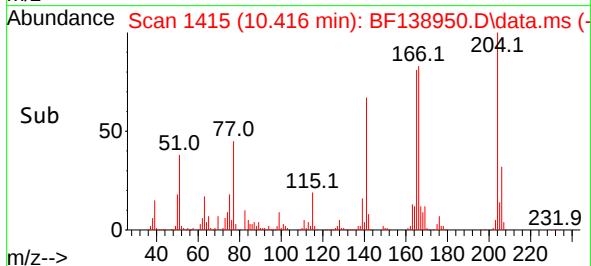
Instrument :
BNA_F
ClientSampleId :
TS04MS



Tgt Ion:204 Resp: 20695
Ion Ratio Lower Upper
204 100
206 32.0 26.1 39.1
141 66.7 51.4 77.0

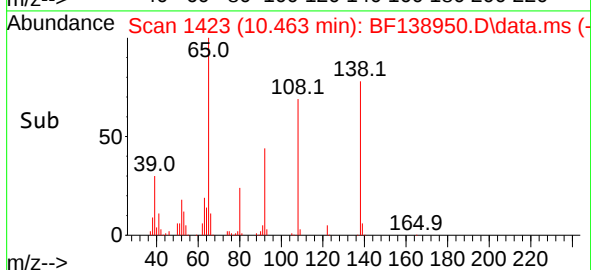
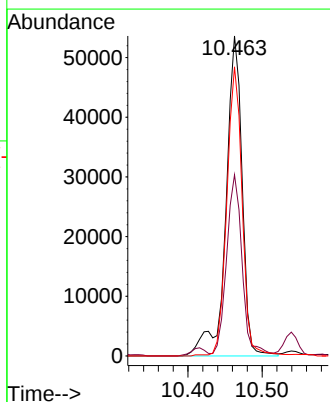
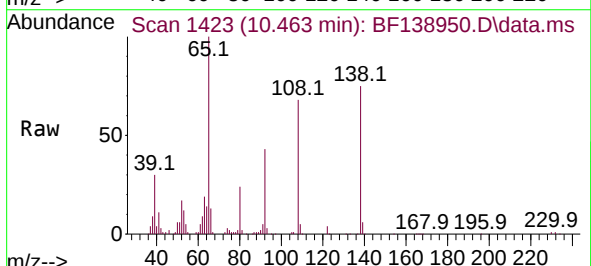
Manual Integrations
APPROVED

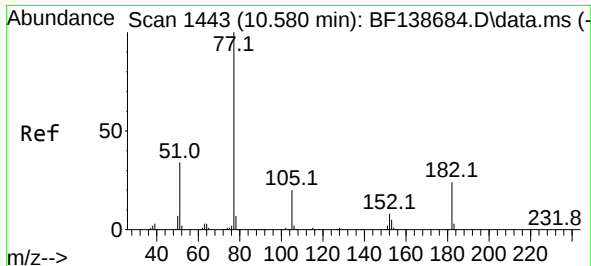
Reviewed By :Yogesh Patel 08/13/2024
Supervised By :mohammad ahmed 08/13/2024



#62
4-Nitroaniline
Concen: 57.790 ng
RT: 10.463 min Scan# 1423
Delta R.T. 0.012 min
Lab File: BF138950.D
Acq: 12 Aug 2024 23:28

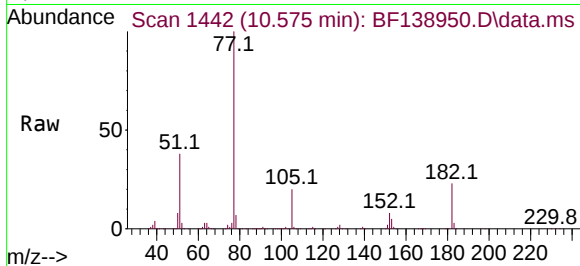
Tgt Ion:138 Resp: 81731
Ion Ratio Lower Upper
138 100
92 56.6 34.2 74.2
108 90.3 56.2 96.2





#63
Azobenzene
Concen: 67.417 ng
RT: 10.575 min Scan# 1443
Delta R.T. -0.006 min
Lab File: BF138950.D
Acq: 12 Aug 2024 23:28

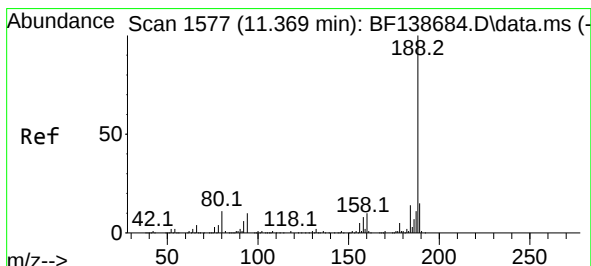
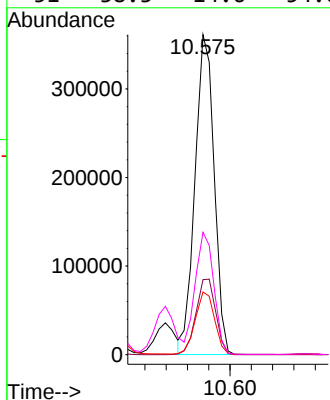
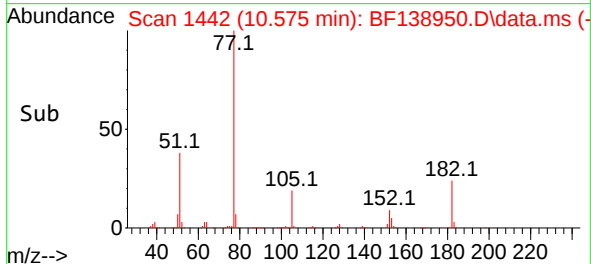
Instrument :
BNA_F
ClientSampleId :
TS04MS



Tgt Ion: 77 Resp: 452249
Ion Ratio Lower Upper
77 100
182 23.5 3.4 43.4
105 19.6 0.2 40.2
51 38.3 14.6 54.6

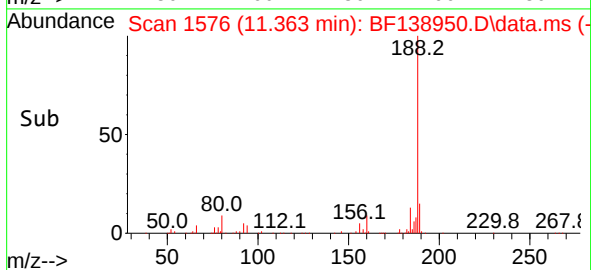
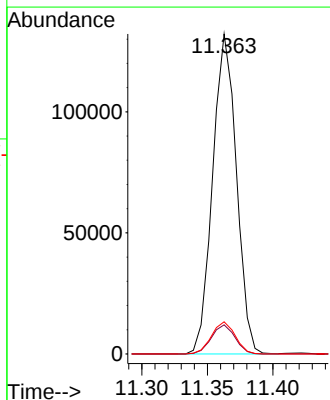
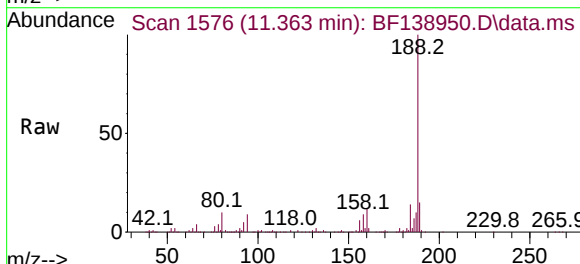
Manual Integrations
APPROVED

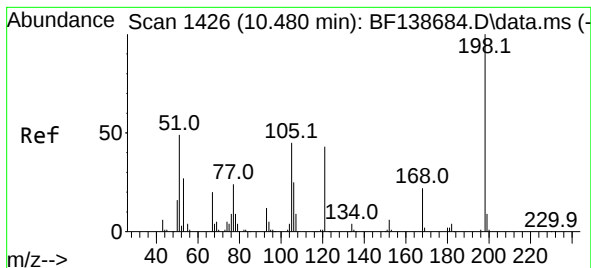
Reviewed By :Yogesh Patel 08/13/2024
Supervised By :mohammad ahmed 08/13/2024



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.363 min Scan# 1576
Delta R.T. -0.006 min
Lab File: BF138950.D
Acq: 12 Aug 2024 23:28

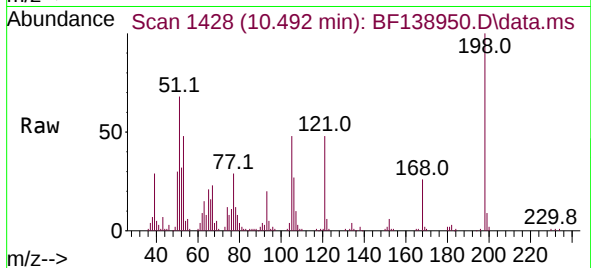
Tgt Ion:188 Resp: 166539
Ion Ratio Lower Upper
188 100
94 9.1 7.6 11.4
80 10.0 8.6 12.8





#65
4,6-Dinitro-2-methylphenol
Concen: 65.200 ng
RT: 10.492 min Scan# 1426
Delta R.T. 0.012 min
Lab File: BF138950.D
Acq: 12 Aug 2024 23:28

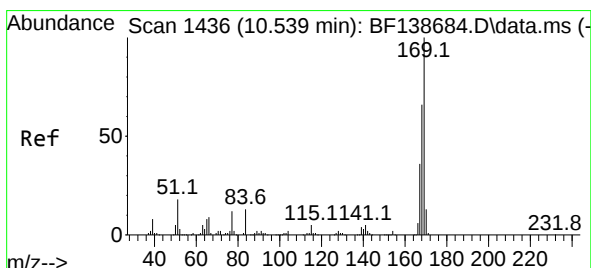
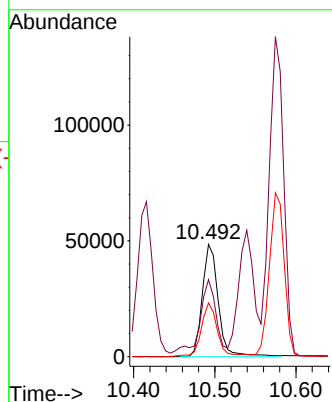
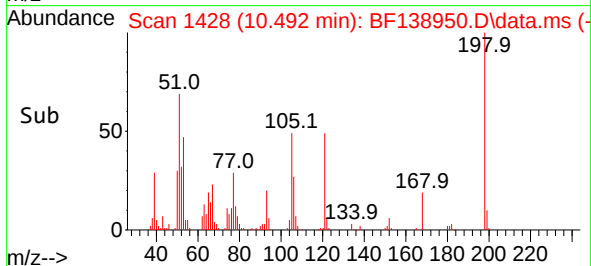
Instrument :
BNA_F
ClientSampleId :
TS04MS



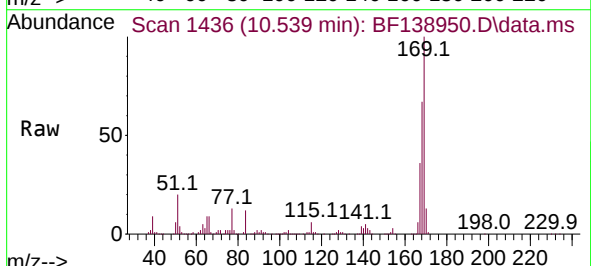
Tgt Ion:198 Resp: 66249
Ion Ratio Lower Upper
198 100
51 68.5 39.9 79.9
105 47.8 26.1 66.1

Manual Integrations
APPROVED

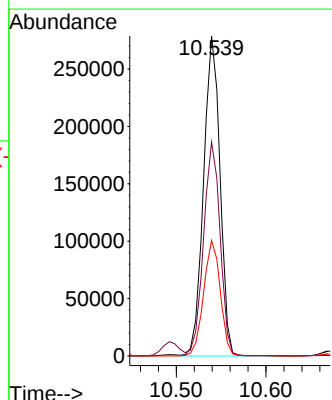
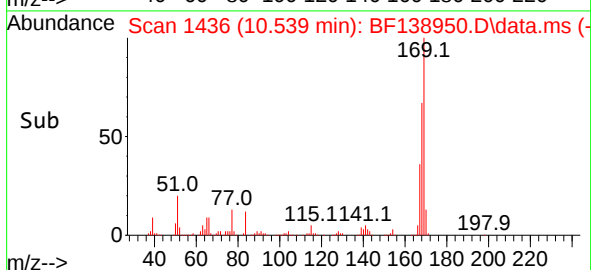
Reviewed By :Yogesh Patel 08/13/2024
Supervised By :mohammad ahmed 08/13/2024

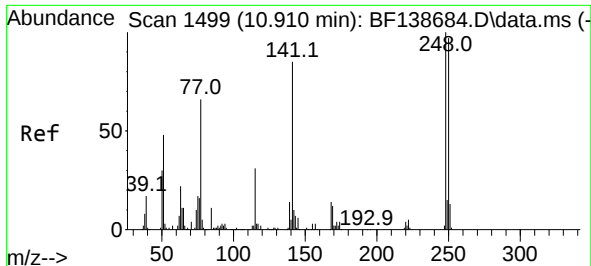


#66
n-Nitrosodiphenylamine
Concen: 68.066 ng
RT: 10.539 min Scan# 1436
Delta R.T. 0.000 min
Lab File: BF138950.D
Acq: 12 Aug 2024 23:28



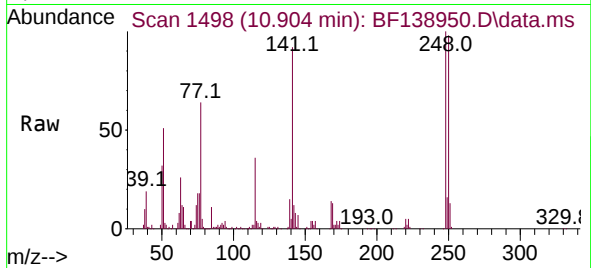
Tgt Ion:169 Resp: 354326
Ion Ratio Lower Upper
169 100
168 66.9 53.0 79.6
167 36.1 29.0 43.6





#67
4-Bromophenyl-phenylether
Concen: 66.232 ng
RT: 10.904 min Scan# 1499
Delta R.T. -0.006 min
Lab File: BF138950.D
Acq: 12 Aug 2024 23:28

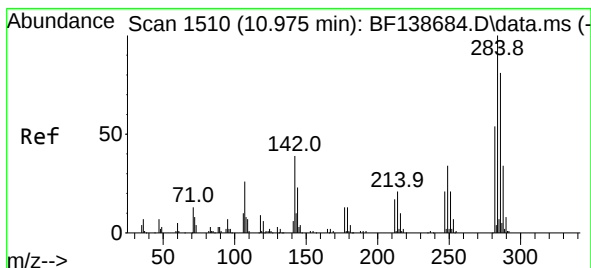
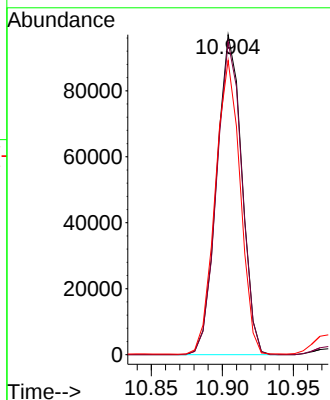
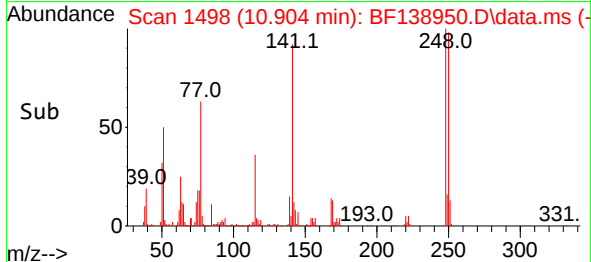
Instrument :
BNA_F
ClientSampleId :
TS04MS



Tgt Ion:248 Resp: 11942
Ion Ratio Lower Upper
248 100
250 97.7 77.7 116.5
141 91.9 68.0 102.0

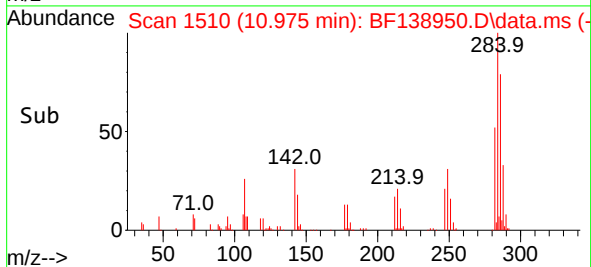
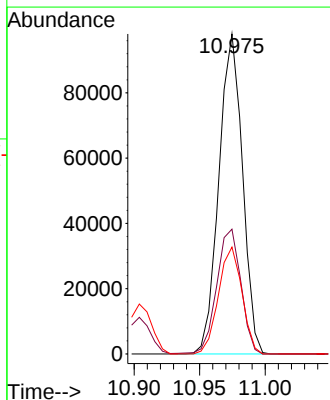
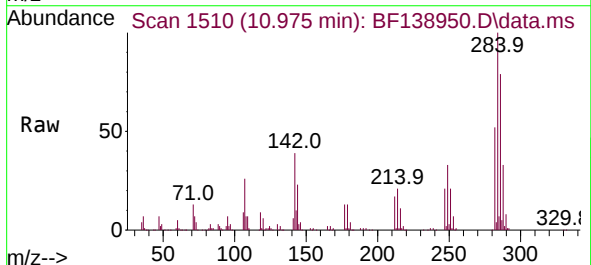
Manual Integrations
APPROVED

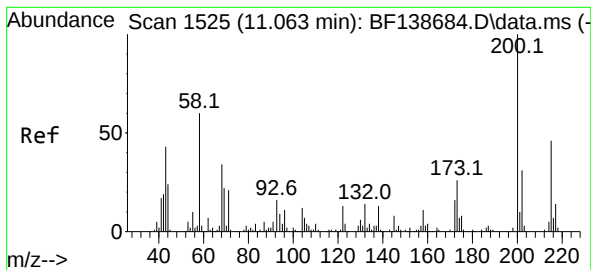
Reviewed By :Yogesh Patel 08/13/2024
Supervised By :mohammad ahmed 08/13/2024



#68
Hexachlorobenzene
Concen: 65.764 ng
RT: 10.975 min Scan# 1510
Delta R.T. 0.000 min
Lab File: BF138950.D
Acq: 12 Aug 2024 23:28

Tgt Ion:284 Resp: 122433
Ion Ratio Lower Upper
284 100
142 39.0 31.3 46.9
249 33.4 27.2 40.8





#69

Atrazine

Concen: 75.993 ng

RT: 11.069 min Scan# 1525

Delta R.T. 0.006 min

Lab File: BF138950.D

Acq: 12 Aug 2024 23:28

Instrument :

BNA_F

ClientSampleId :

TS04MS

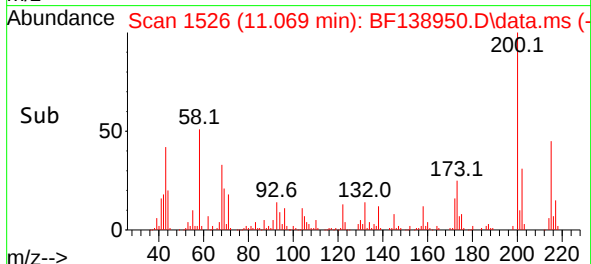
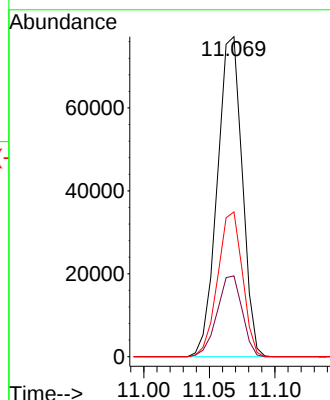
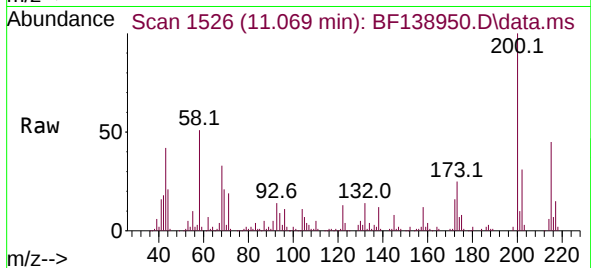
Tgt Ion:200 Resp: 102064
 Ion Ratio Lower Upper
 200 100
 173 25.3 6.0 46.0
 215 45.2 26.1 66.1

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 08/13/2024

Supervised By :mohammad ahmed 08/13/2024



#70

Pentachlorophenol

Concen: 95.422 ng

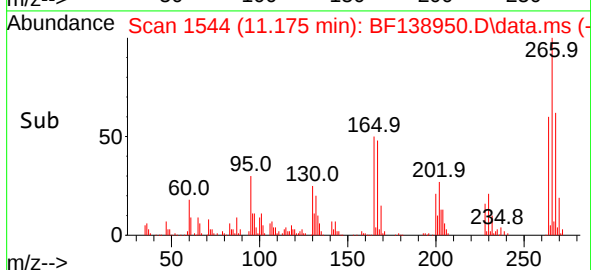
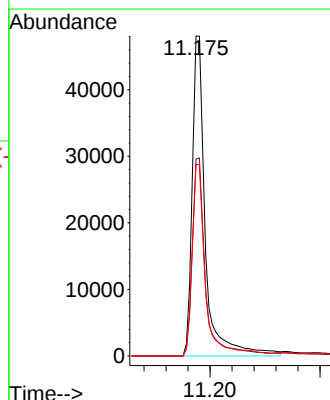
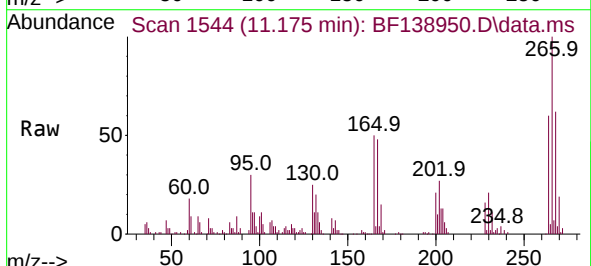
RT: 11.175 min Scan# 1544

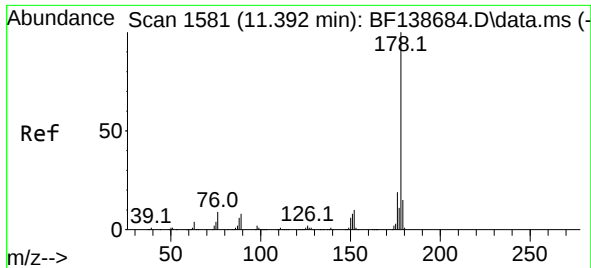
Delta R.T. -0.000 min

Lab File: BF138950.D

Acq: 12 Aug 2024 23:28

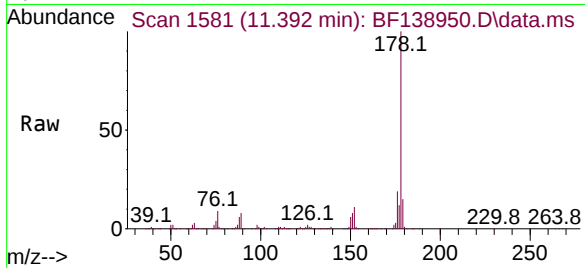
Tgt Ion:266 Resp: 80074
 Ion Ratio Lower Upper
 266 100
 268 61.5 49.2 73.8
 264 59.9 49.8 74.6





#71
Phenanthrene
Concen: 67.613 ng
RT: 11.392 min Scan# 1581
Delta R.T. 0.000 min
Lab File: BF138950.D
Acq: 12 Aug 2024 23:28

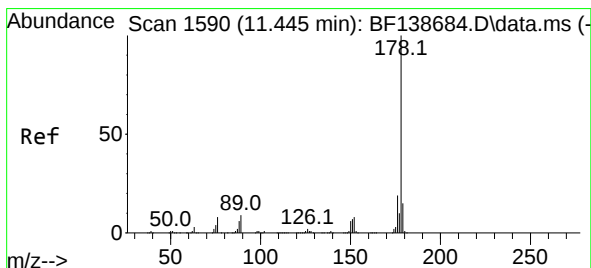
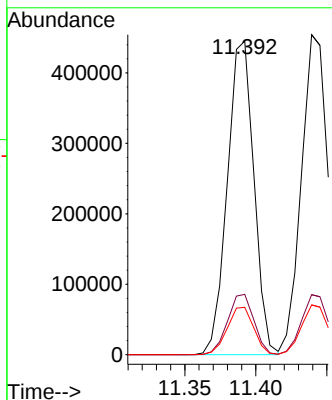
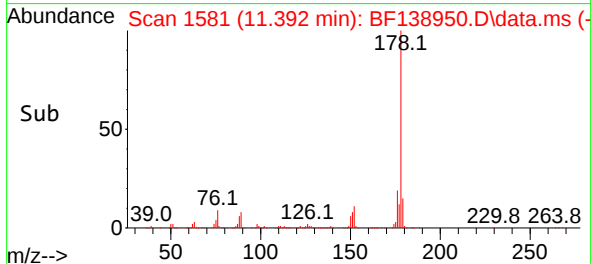
Instrument :
BNA_F
ClientSampleId :
TS04MS



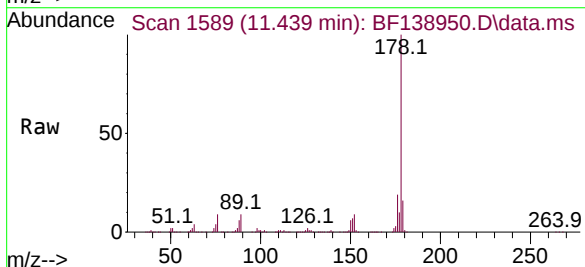
Tgt Ion:178 Resp: 579810
Ion Ratio Lower Upper
178 100
176 19.2 15.4 23.0
179 15.1 12.2 18.2

Manual Integrations
APPROVED

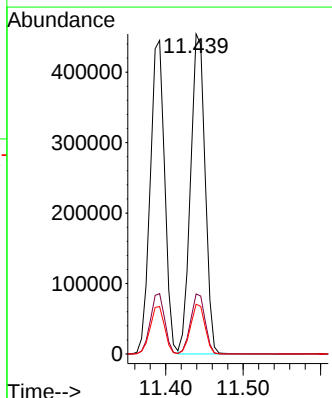
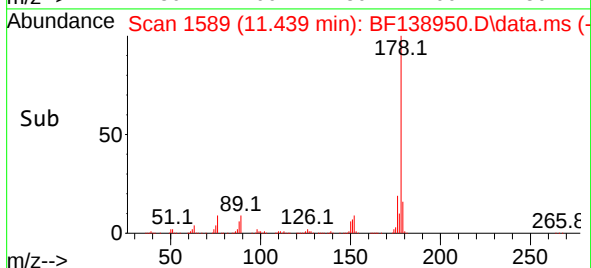
Reviewed By :Yogesh Patel 08/13/2024
Supervised By :mohammad ahmed 08/13/2024

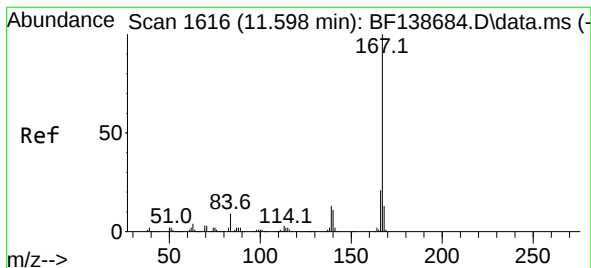


#72
Anthracene
Concen: 69.887 ng
RT: 11.439 min Scan# 1589
Delta R.T. -0.006 min
Lab File: BF138950.D
Acq: 12 Aug 2024 23:28



Tgt Ion:178 Resp: 590405
Ion Ratio Lower Upper
178 100
176 18.8 14.9 22.3
179 15.5 12.4 18.6





#73

Carbazole

Concen: 65.103 ng

RT: 11.598 min Scan# 1616

Delta R.T. 0.000 min

Lab File: BF138950.D

Acq: 12 Aug 2024 23:28

Instrument :

BNA_F

ClientSampleId :

TS04MS

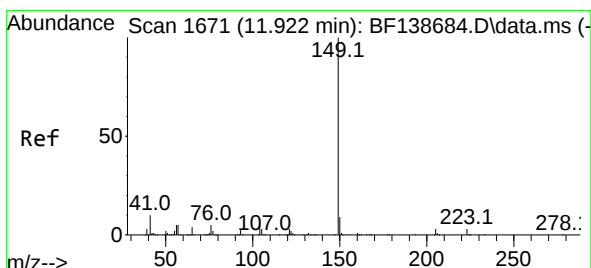
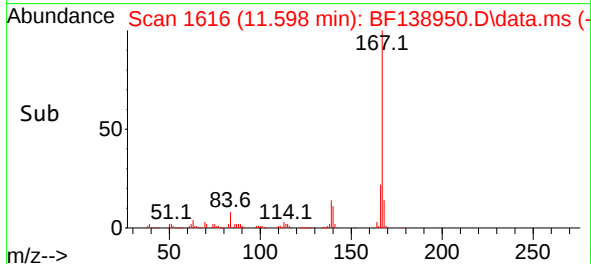
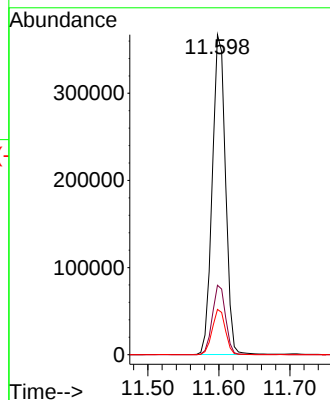
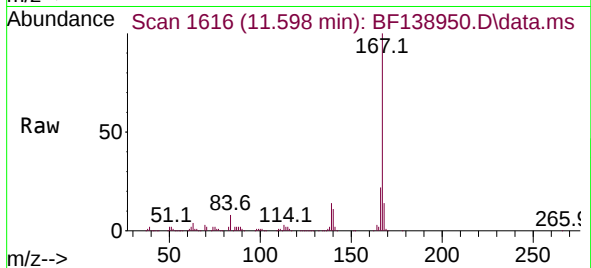
Tgt Ion:	167	Resp:	47450
Ion Ratio	Lower	Upper	
167	100		
166	21.7	17.2	25.8
139	14.2	10.6	16.0

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 08/13/2024

Supervised By :mohammad ahmed 08/13/2024



#74

Di-n-butylphthalate

Concen: 77.625 ng

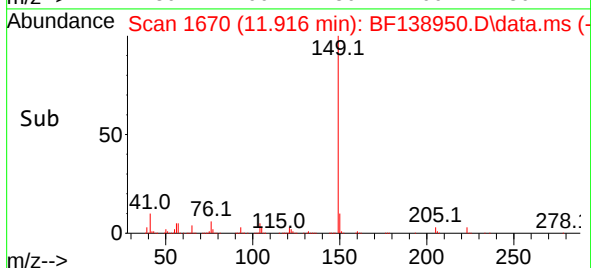
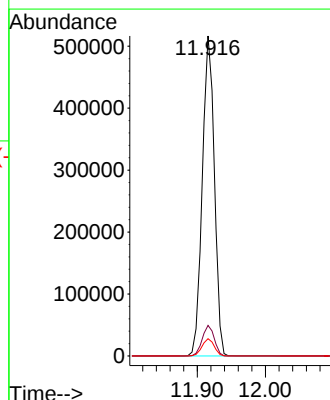
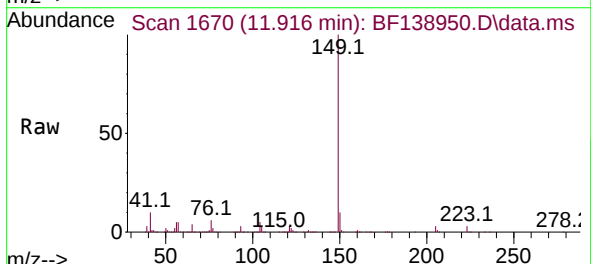
RT: 11.916 min Scan# 1670

Delta R.T. -0.006 min

Lab File: BF138950.D

Acq: 12 Aug 2024 23:28

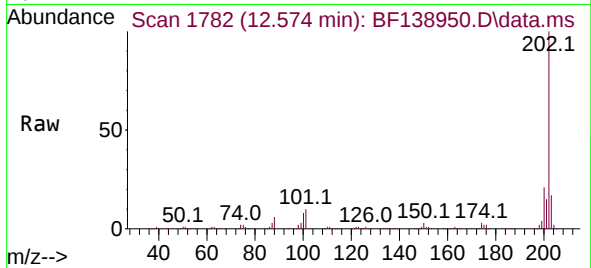
Tgt Ion:	149	Resp:	636014
Ion Ratio	Lower	Upper	
149	100		
150	9.6	7.4	11.0
104	5.4	4.1	6.1





#75
Fluoranthene
Concen: 64.918 ng
RT: 12.574 min Scan# 1783
Delta R.T. -0.006 min
Lab File: BF138950.D
Acq: 12 Aug 2024 23:28

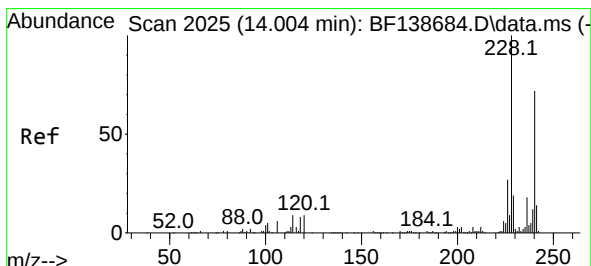
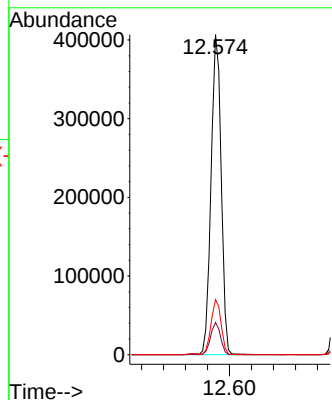
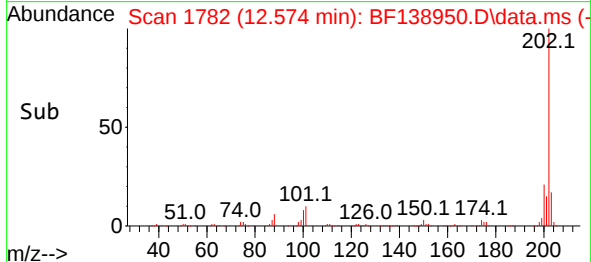
Instrument :
BNA_F
ClientSampleId :
TS04MS



Tgt Ion:202 Resp: 51971
Ion Ratio Lower Upper
202 100
101 10.1 0.0 31.2
203 17.2 0.0 37.3

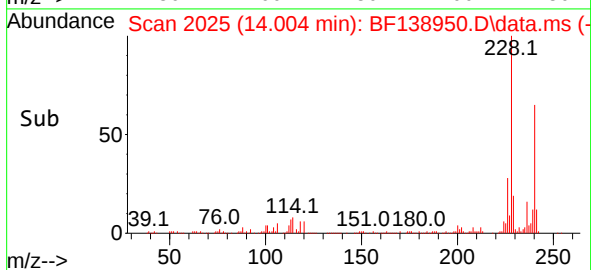
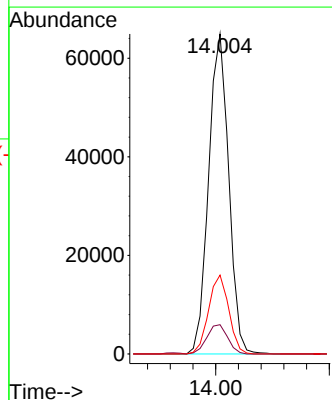
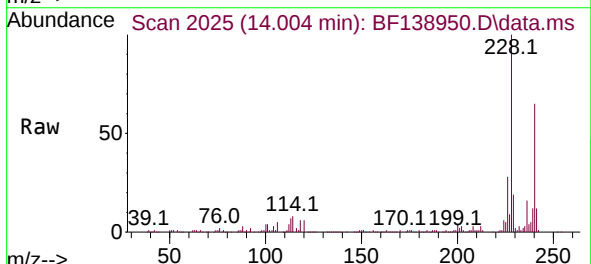
Manual Integrations
APPROVED

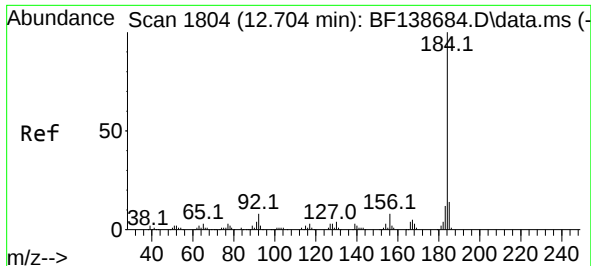
Reviewed By :Yogesh Patel 08/13/2024
Supervised By :mohammad ahmed 08/13/2024



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.004 min Scan# 2025
Delta R.T. 0.000 min
Lab File: BF138950.D
Acq: 12 Aug 2024 23:28

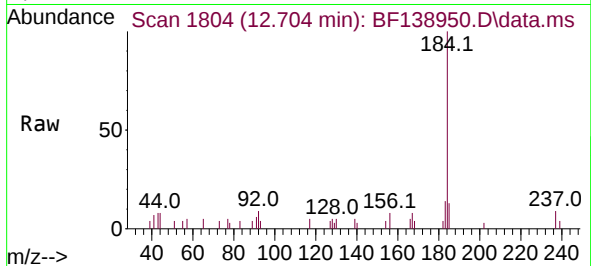
Tgt Ion:240 Resp: 79622
Ion Ratio Lower Upper
240 100
120 9.2 10.2 15.4#
236 24.7 19.8 29.8





#77
Benzidine
Concen: 4.378 ng
RT: 12.704 min Scan# 1804
Delta R.T. -0.000 min
Lab File: BF138950.D
Acq: 12 Aug 2024 23:28

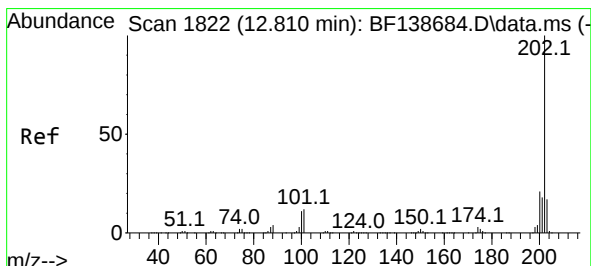
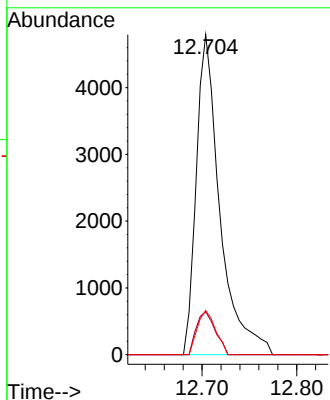
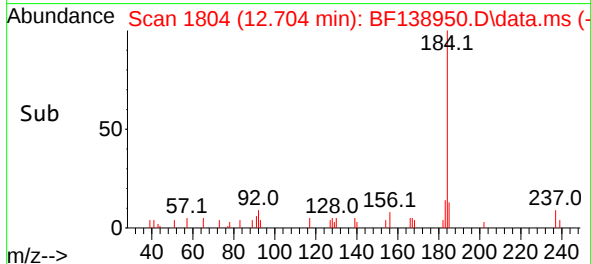
Instrument :
BNA_F
ClientSampleId :
TS04MS



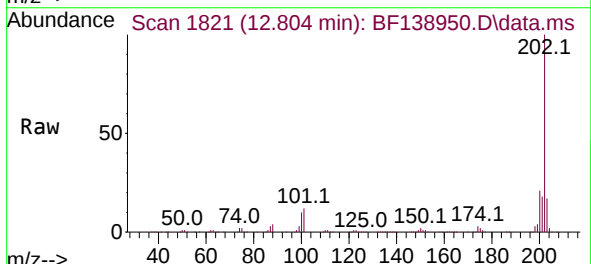
Tgt Ion:184 Resp: 833
Ion Ratio Lower Upper
184 100
185 13.4 11.1 16.7
183 13.8 9.6 14.4

Manual Integrations
APPROVED

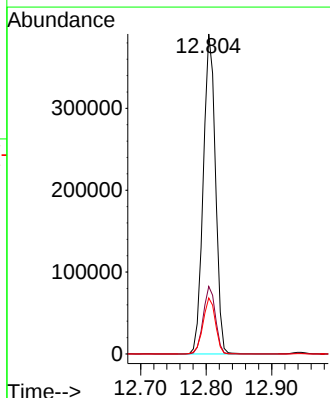
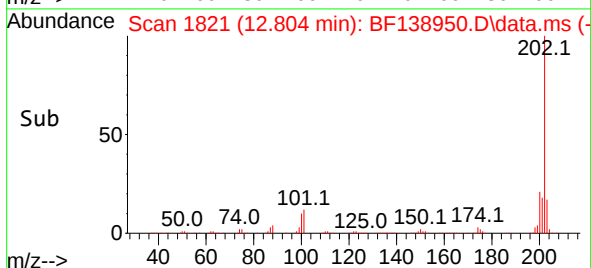
Reviewed By :Yogesh Patel 08/13/2024
Supervised By :mohammad ahmed 08/13/2024



#78
Pyrene
Concen: 67.555 ng
RT: 12.804 min Scan# 1821
Delta R.T. -0.006 min
Lab File: BF138950.D
Acq: 12 Aug 2024 23:28



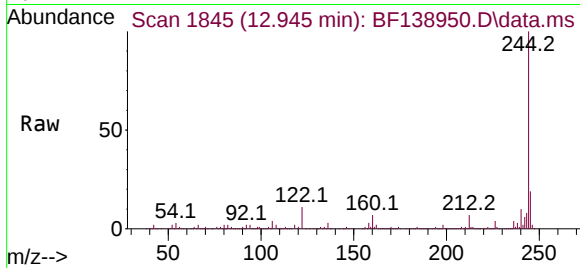
Tgt Ion:202 Resp: 506435
Ion Ratio Lower Upper
202 100
200 21.1 16.8 25.2
203 17.5 13.8 20.6





#79
 Terphenyl-d14
 Concen: 145.714 ng
 RT: 12.945 min Scan# 1845
 Delta R.T. 0.000 min
 Lab File: BF138950.D
 Acq: 12 Aug 2024 23:28

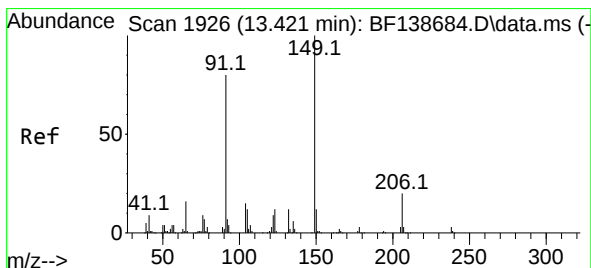
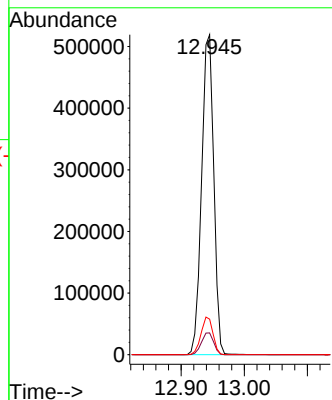
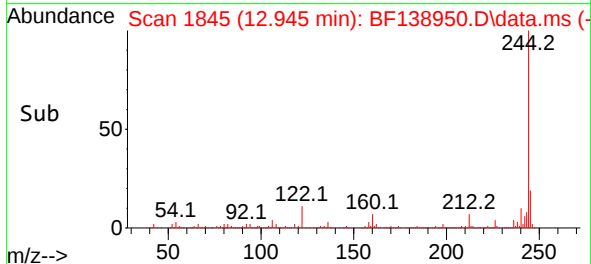
Instrument :
 BNA_F
 ClientSampleId :
 TS04MS



Tgt Ion:244 Resp: 69296
 Ion Ratio Lower Upper
 244 100
 212 6.8 5.4 8.2
 122 11.1 9.6 14.4

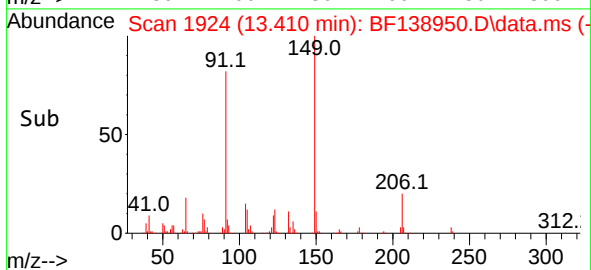
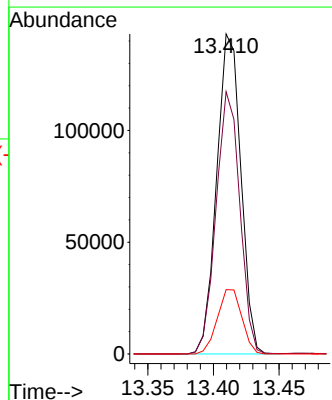
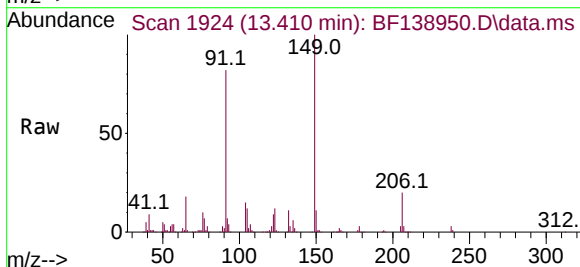
Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 08/13/2024
 Supervised By :mohammad ahmed 08/13/2024



#80
 Butylbenzylphthalate
 Concen: 76.437 ng
 RT: 13.410 min Scan# 1924
 Delta R.T. -0.012 min
 Lab File: BF138950.D
 Acq: 12 Aug 2024 23:28

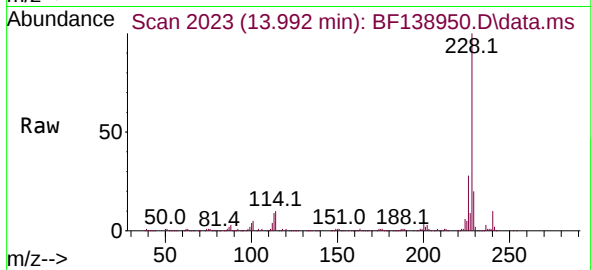
Tgt Ion:149 Resp: 183498
 Ion Ratio Lower Upper
 149 100
 91 82.0 63.7 95.5
 206 20.1 16.2 24.2





#81
Benzo(a)anthracene
Concen: 66.171 ng
RT: 13.992 min Scan# 2023
Delta R.T. 0.000 min
Lab File: BF138950.D
Acq: 12 Aug 2024 23:28

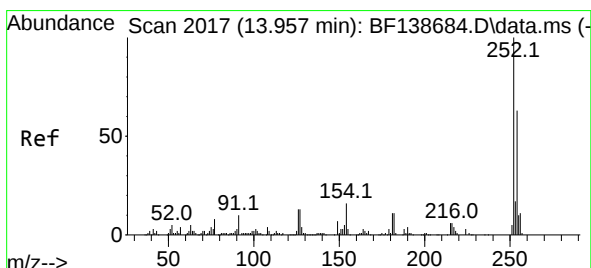
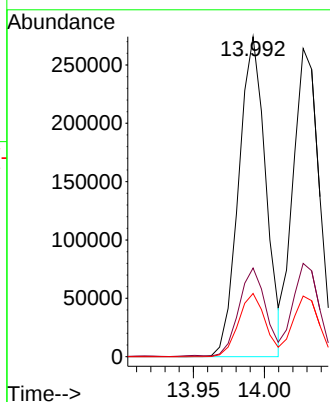
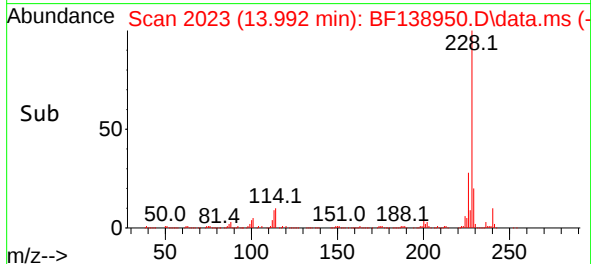
Instrument :
BNA_F
ClientSampleId :
TS04MS



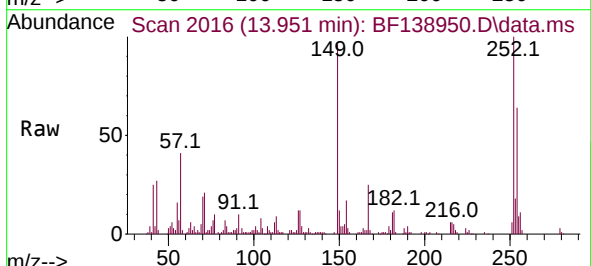
Tgt Ion:228 Resp: 36281
Ion Ratio Lower Upper
228 100
226 27.7 22.1 33.1
229 19.8 15.4 23.0

Manual Integrations
APPROVED

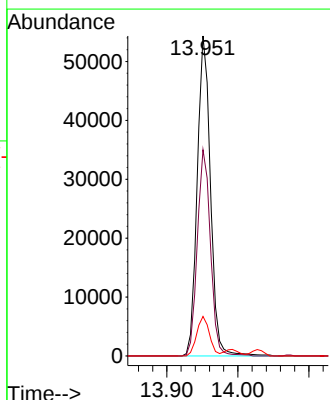
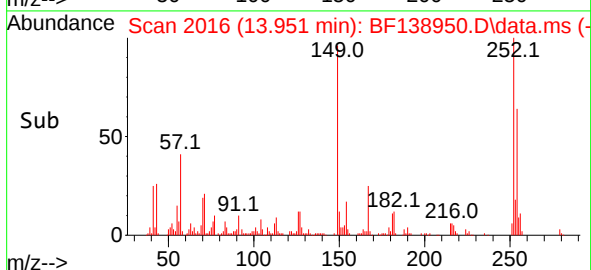
Reviewed By :Yogesh Patel 08/13/2024
Supervised By :mohammad ahmed 08/13/2024



#82
3,3'-Dichlorobenzidine
Concen: 50.376 ng
RT: 13.951 min Scan# 2016
Delta R.T. -0.006 min
Lab File: BF138950.D
Acq: 12 Aug 2024 23:28



Tgt Ion:252 Resp: 70683
Ion Ratio Lower Upper
252 100
254 64.5 50.8 76.2
126 12.4 10.2 15.2





#83

Chrysene

Concen: 67.819 ng

RT: 14.027 min Scan# 2030

Delta R.T. -0.006 min

Lab File: BF138950.D

Acq: 12 Aug 2024 23:28

Instrument :

BNA_F

ClientSampleId :

TS04MS

Tgt Ion:228 Resp: 335478

Ion Ratio Lower Upper

228 100

226 30.3 23.7 35.5

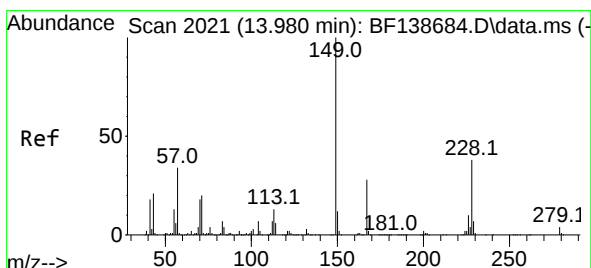
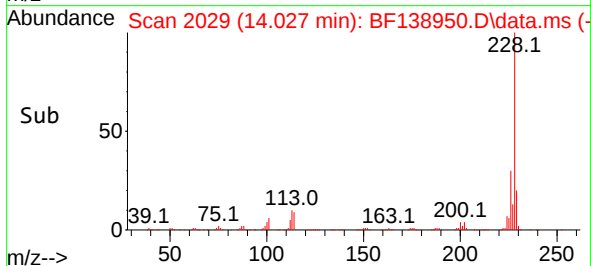
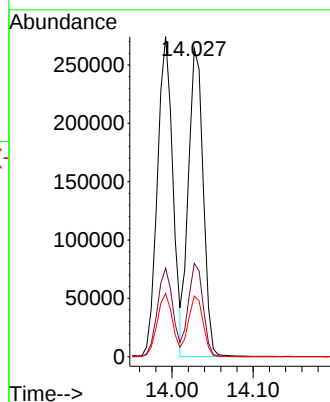
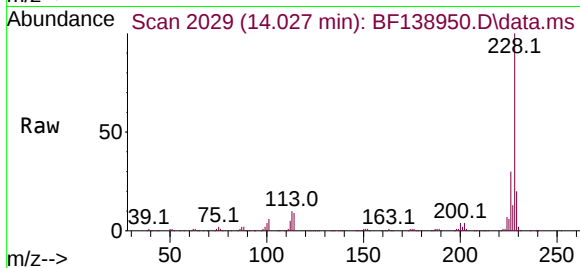
229 19.7 15.0 22.6

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 08/13/2024

Supervised By :mohammad ahmed 08/13/2024



#84

Bis(2-ethylhexyl)phthalate

Concen: 68.292 ng

RT: 13.963 min Scan# 2018

Delta R.T. -0.018 min

Lab File: BF138950.D

Acq: 12 Aug 2024 23:28

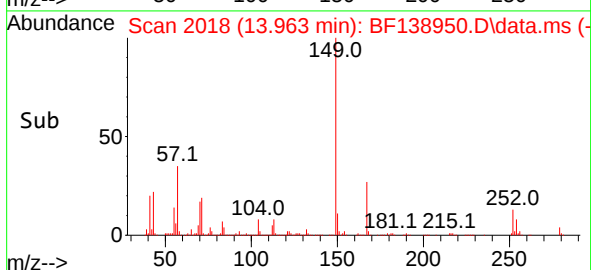
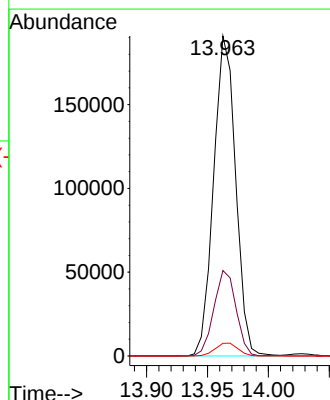
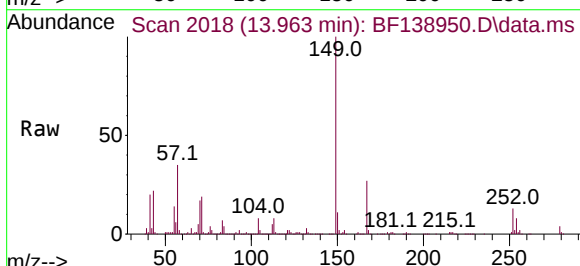
Tgt Ion:149 Resp: 240070

Ion Ratio Lower Upper

149 100

167 26.7 22.2 33.4

279 3.9 3.4 5.0





#85

Di-n-octyl phthalate

Concen: 60.548 ng

RT: 14.574 min Scan# 2125

Delta R.T. -0.018 min

Lab File: BF138950.D

Acq: 12 Aug 2024 23:28

Instrument :

BNA_F

ClientSampleId :

TS04MS

Tgt Ion:149 Resp: 393802

Ion Ratio Lower Upper

149 100

167 1.6 1.4 2.0

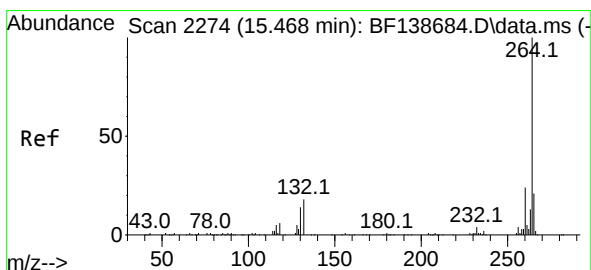
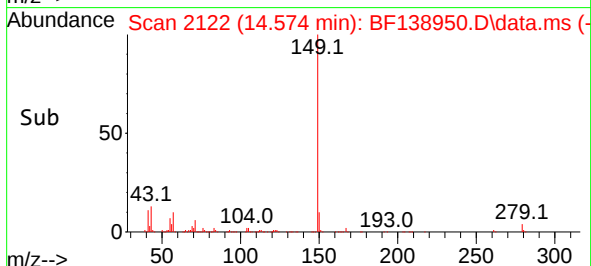
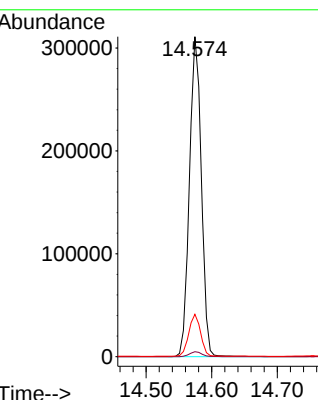
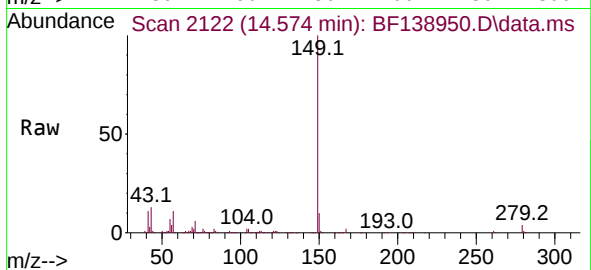
43 13.1 10.4 15.6

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 08/13/2024

Supervised By :mohammad ahmed 08/13/2024



#86

Perylene-d12

Concen: 20.000 ng

RT: 15.463 min Scan# 2273

Delta R.T. -0.006 min

Lab File: BF138950.D

Acq: 12 Aug 2024 23:28

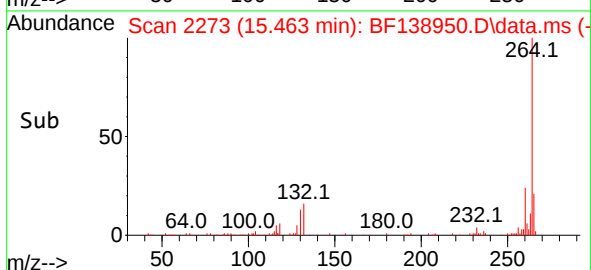
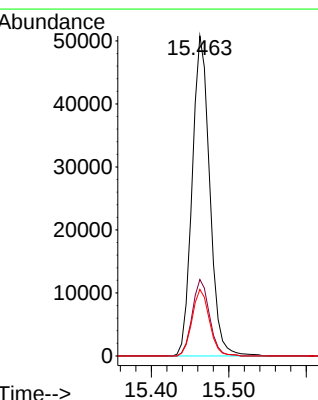
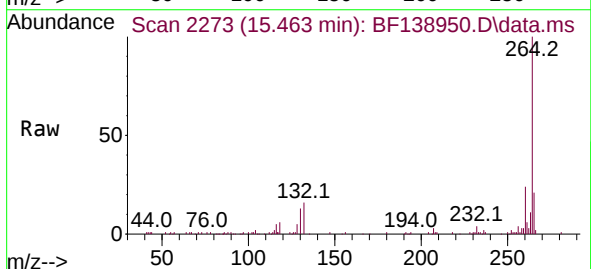
Tgt Ion:264 Resp: 79815

Ion Ratio Lower Upper

264 100

260 23.9 19.0 28.6

265 20.8 17.0 25.6





#87

Indeno(1,2,3-cd)pyrene

Concen: 62.345 ng

RT: 16.951 min Scan# 21

Delta R.T. 0.012 min

Lab File: BF138950.D

Acq: 12 Aug 2024 23:28

Instrument :

BNA_F

ClientSampleId :

TS04MS

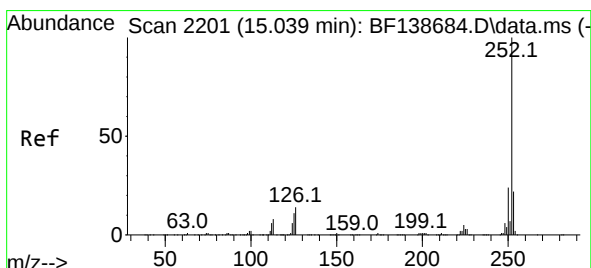
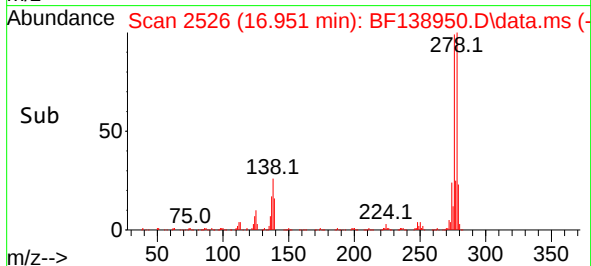
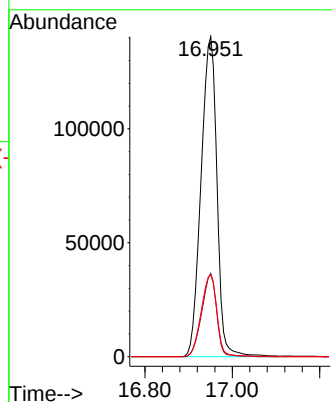
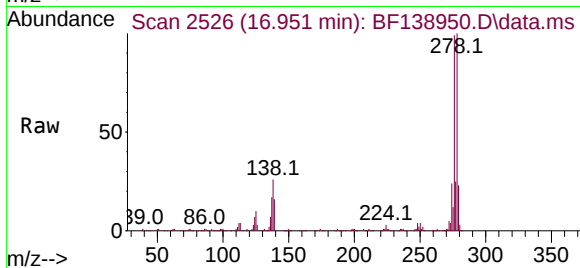
Tgt Ion:	276	Resp:	356604
Ion Ratio	Lower	Upper	
276	100		
138	24.2	21.8	32.8
277	25.4	20.6	30.8

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 08/13/2024

Supervised By :mohammad ahmed 08/13/2024



#88

Benzo(b)fluoranthene

Concen: 62.497 ng

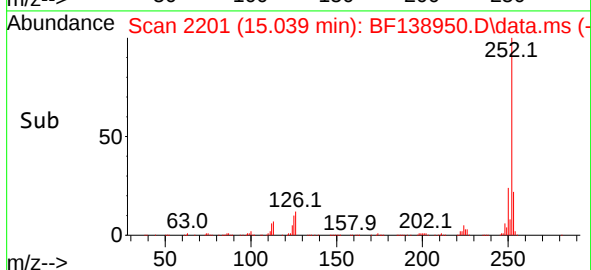
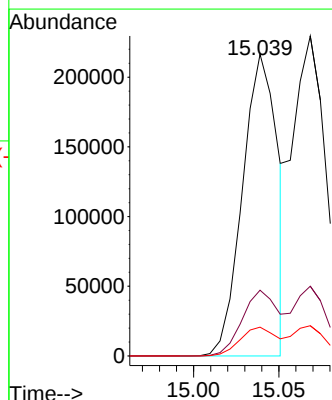
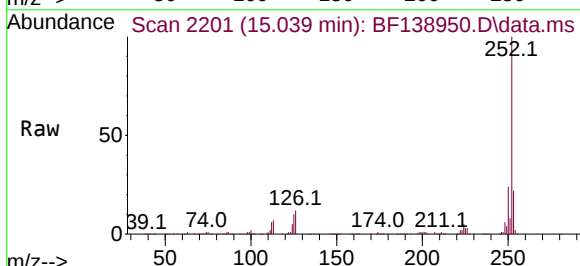
RT: 15.039 min Scan# 2201

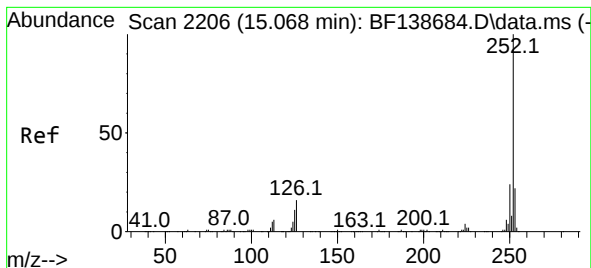
Delta R.T. 0.000 min

Lab File: BF138950.D

Acq: 12 Aug 2024 23:28

Tgt Ion:	252	Resp:	309221
Ion Ratio	Lower	Upper	
252	100		
253	21.8	17.5	26.3
125	9.6	8.9	13.3





#89

Benzo(k)fluoranthene

Concen: 73.153 ng m

RT: 15.068 min Scan# 21

Delta R.T. 0.000 min

Lab File: BF138950.D

Acq: 12 Aug 2024 23:28

Instrument :

BNA_F

ClientSampleId :

TS04MS

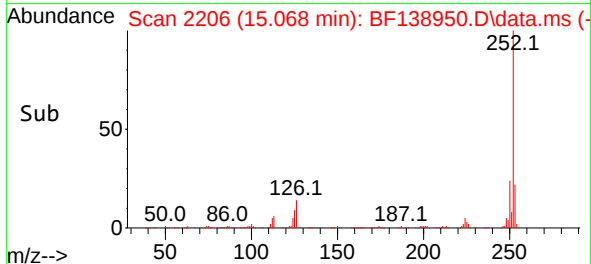
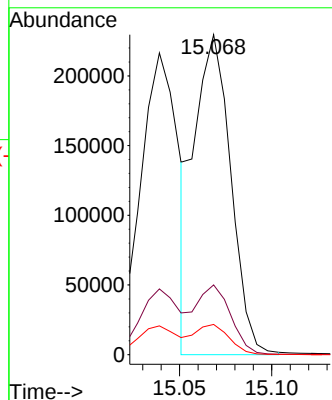
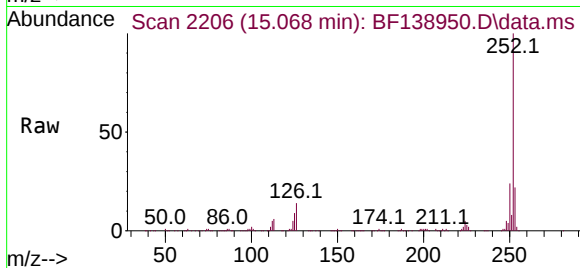
Tgt Ion:252 Resp: 31337
Ion Ratio Lower Upper
252 100
253 21.8 17.4 26.0
125 9.4 8.6 13.0

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 08/13/2024

Supervised By :mohammad ahmed 08/13/2024



#90

Benzo(a)pyrene

Concen: 69.639 ng

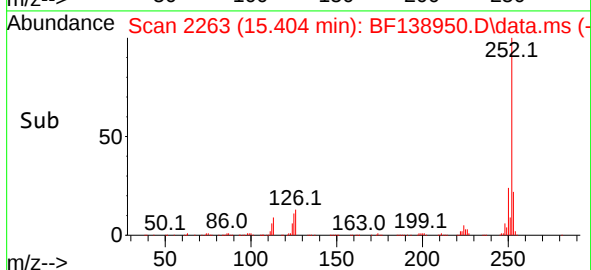
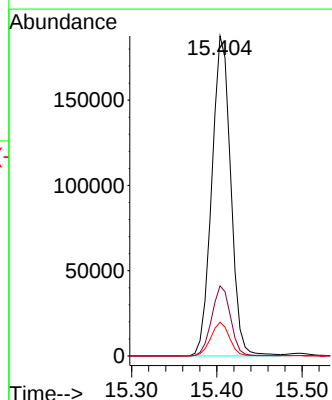
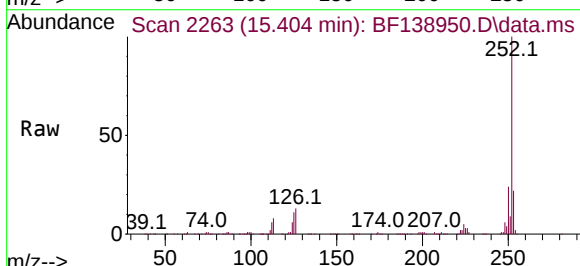
RT: 15.404 min Scan# 2263

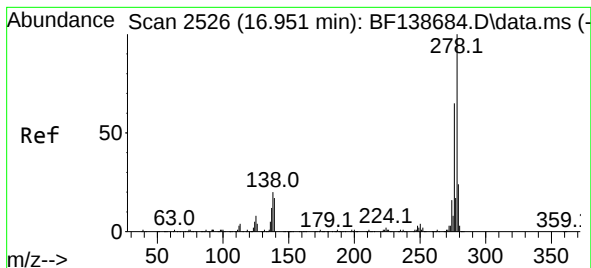
Delta R.T. 0.000 min

Lab File: BF138950.D

Acq: 12 Aug 2024 23:28

Tgt Ion:252 Resp: 289823
Ion Ratio Lower Upper
252 100
253 21.9 17.3 25.9
125 10.6 9.5 14.3





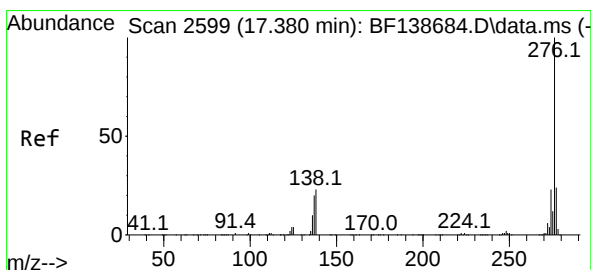
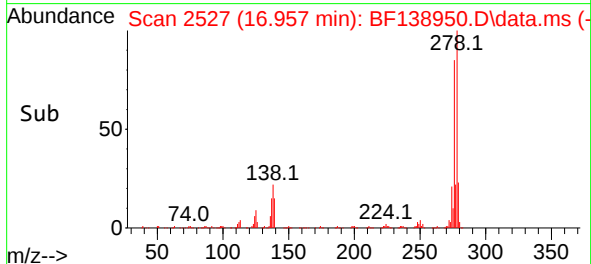
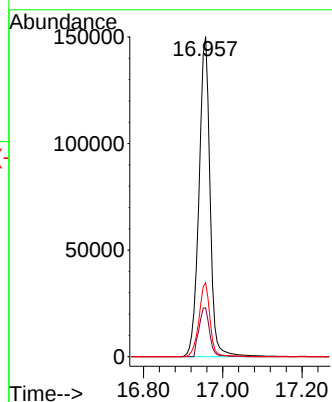
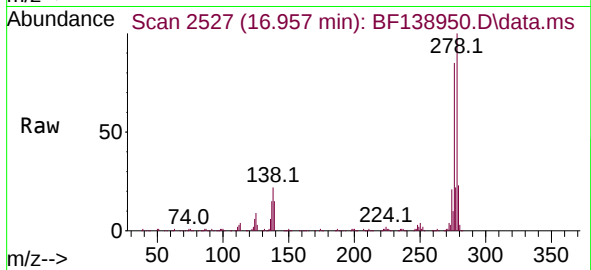
#91
Dibenzo(a,h)anthracene
Concen: 61.953 ng
RT: 16.957 min Scan# 21
Delta R.T. 0.006 min
Lab File: BF138950.D
Acq: 12 Aug 2024 23:28

Instrument :
BNA_F
ClientSampleId :
TS04MS

Tgt Ion:278 Resp: 290885
Ion Ratio Lower Upper
278 100
139 15.2 14.0 21.0
279 23.1 19.0 28.4

Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 08/13/2024
Supervised By :mohammad ahmed 08/13/2024



#92
Benzo(g,h,i)perylene
Concen: 55.486 ng
RT: 17.386 min Scan# 2600
Delta R.T. 0.006 min
Lab File: BF138950.D
Acq: 12 Aug 2024 23:28

Tgt Ion:276 Resp: 270345
Ion Ratio Lower Upper
276 100
277 23.8 19.0 28.4
138 19.8 18.5 27.7

