

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF080624\
 Data File : BF138807.D
 Acq On : 06 Aug 2024 13:50
 Operator : RC/JU
 Sample : PB162473BS
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB162473BS

Manual Integrations
 APPROVED

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

Quant Time: Aug 06 14:15:42 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF073024.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Jul 30 17:50:01 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.845	152	50899	20.000	ng	0.00
21) Naphthalene-d8	8.128	136	212590	20.000	ng	0.00
39) Acenaphthene-d10	9.880	164	122030	20.000	ng	0.00
64) Phenanthrene-d10	11.369	188	208053	20.000	ng	0.00
76) Chrysene-d12	14.004	240	105962	20.000	ng	0.00
86) Perylene-d12	15.462	264	92958	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.487	112	432295	131.105	ng	0.02
7) Phenol-d6	6.492	99	567012	128.081	ng	0.00
23) Nitrobenzene-d5	7.410	82	365641	84.090	ng	0.00
42) 2,4,6-Tribromophenol	10.675	330	141172	141.230	ng	0.00
45) 2-Fluorobiphenyl	9.198	172	703864	86.663	ng	0.00
79) Terphenyl-d14	12.945	244	702053	110.929	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	2.722	88	44636	30.920	ng	98
3) Pyridine	3.469	79	120390	34.427	ng	95
4) n-Nitrosodimethylamine	3.428	42	99668	47.854	ng	87
6) Aniline	6.510	93	134466	34.059	ng	# 22
8) 2-Chlorophenol	6.634	128	170727	49.213	ng	97
9) Benzaldehyde	6.398	77	119955	45.202	ng	99
10) Phenol	6.510	94	221907	47.608	ng	88
11) bis(2-Chloroethyl)ether	6.581	93	157740	43.977	ng	99
12) 1,3-Dichlorobenzene	6.781	146	172851	44.511	ng	98
13) 1,4-Dichlorobenzene	6.863	146	178844	45.636	ng	99
14) 1,2-Dichlorobenzene	7.010	146	167238	45.662	ng	99
15) Benzyl Alcohol	6.992	79	161178	50.515	ng	97
16) 2,2'-oxybis(1-Chloropr...	7.116	45	251820	40.795	ng	59
17) 2-Methylphenol	7.110	107	138040	48.188	ng	# 88
18) Hexachloroethane	7.351	117	66602	45.148	ng	99
19) n-Nitroso-di-n-propyla...	7.263	70	128488	48.054	ng	98
20) 3+4-Methylphenols	7.263	107	182853	49.750	ng	# 81
22) Acetophenone	7.257	105	226097	43.436	ng	98
24) Nitrobenzene	7.434	77	188239	42.544	ng	98
25) Isophorone	7.669	82	339060	45.666	ng	99
26) 2-Nitrophenol	7.745	139	92061	48.361	ng	98
27) 2,4-Dimethylphenol	7.786	122	116382	51.099	ng	98
28) bis(2-Chloroethoxy)met...	7.875	93	203091	44.917	ng	99
29) 2,4-Dichlorophenol	7.992	162	142214	48.592	ng	99
30) 1,2,4-Trichlorobenzene	8.063	180	150709	44.622	ng	99
31) Naphthalene	8.145	128	504473	45.082	ng	99
32) Benzoic acid	7.939	122	73870	41.260	ng	98
33) 4-Chloroaniline	8.198	127	106430	28.334	ng	99
34) Hexachlorobutadiene	8.257	225	90396	44.188	ng	99
35) Caprolactam	8.592	113	40408m	46.271	ng	
36) 4-Chloro-3-methylphenol	8.692	107	162968	48.723	ng	99
37) 2-Methylnaphthalene	8.839	142	330882	46.820	ng	99
38) 1-Methylnaphthalene	8.939	142	307804	44.447	ng	100
40) 1,2,4,5-Tetrachloroben...	9.004	216	143187	42.240	ng	99
41) Hexachlorocyclopentadiene	8.986	237	105267	114.073	ng	98
43) 2,4,6-Trichlorophenol	9.122	196	95695	46.300	ng	100

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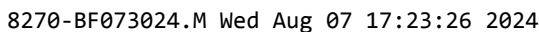
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.175	196	101331	44.847	ng	99
46) 1,1'-Biphenyl	9.304	154	395824	41.416	ng	99
47) 2-Chloronaphthalene	9.328	162	312648	43.985	ng	99
48) 2-Nitroaniline	9.433	65	108685	45.103	ng	98
49) Acenaphthylene	9.745	152	490071	48.612	ng	99
50) Dimethylphthalate	9.604	163	374753	48.028	ng	99
51) 2,6-Dinitrotoluene	9.675	165	81806	46.456	ng	97
52) Acenaphthene	9.916	154	299651	44.217	ng	99
53) 3-Nitroaniline	9.845	138	55122	30.280	ng	99
54) 2,4-Dinitrophenol	9.963	184	82173	101.371	ng	95
55) Dibenzofuran	10.086	168	443813	46.394	ng	99
56) 4-Nitrophenol	10.028	139	95788	87.501	ng	96
57) 2,4-Dinitrotoluene	10.080	165	110126	49.017	ng	# 88
58) Fluorene	10.427	166	363805	47.757	ng	100
59) 2,3,4,6-Tetrachlorophenol	10.210	232	85121	49.277	ng	98
60) Diethylphthalate	10.304	149	368621	49.825	ng	100
61) 4-Chlorophenyl-phenyle...	10.416	204	178516	47.647	ng	96
62) 4-Nitroaniline	10.463	138	78118	45.156	ng	93
63) Azobenzene	10.580	77	373271	45.490	ng	98
65) 4,6-Dinitro-2-methylph...	10.492	198	62042	48.879	ng	98
66) n-Nitrosodiphenylamine	10.539	169	308920	47.502	ng	99
67) 4-Bromophenyl-phenylether	10.910	248	104886	46.563	ng	98
68) Hexachlorobenzene	10.975	284	108853	46.803	ng	97
69) Atrazine	11.069	200	93282	55.596	ng	98
70) Pentachlorophenol	11.180	266	90125	85.970	ng	100
71) Phenanthrene	11.392	178	515642	48.132	ng	100
72) Anthracene	11.445	178	518986	49.175	ng	100
73) Carbazole	11.598	167	435984	47.882	ng	99
74) Di-n-butylphthalate	11.922	149	571600	55.843	ng	100
75) Fluoranthene	12.580	202	487313	48.725	ng	98
77) Benzidine	12.698	184	33709	13.300	ng	99
78) Pyrene	12.810	202	490330	49.148	ng	100
80) Butylbenzylphthalate	13.416	149	163144	51.065	ng	98
81) Benzo(a)anthracene	13.992	228	337131	46.203	ng	99
82) 3,3'-Dichlorobenzidine	13.957	252	63673	34.099	ng	98
83) Chrysene	14.033	228	318323	48.355	ng	100
84) Bis(2-ethylhexyl)phtha...	13.968	149	198613	42.455	ng	98
85) Di-n-octyl phthalate	14.580	149	329523	38.071	ng	97
87) Indeno(1,2,3-cd)pyrene	16.939	276	325009	48.788	ng	97
88) Benzo(b)fluoranthene	15.039	252	273959	47.542	ng	98
89) Benzo(k)fluoranthene	15.068	252	275365	55.192	ng	99
90) Benzo(a)pyrene	15.404	252	256570	52.933	ng	99
91) Dibenzo(a,h)anthracene	16.951	278	265158	48.489	ng	99
92) Benzo(g,h,i)perylene	17.386	276	248203	43.739	ng	95

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

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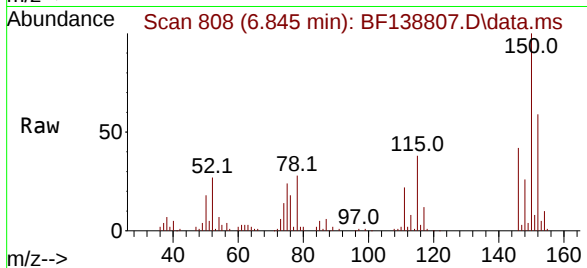
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.845 min Scan# 80
Delta R.T. 0.000 min
Lab File: BF138807.D
Acq: 06 Aug 2024 13:50

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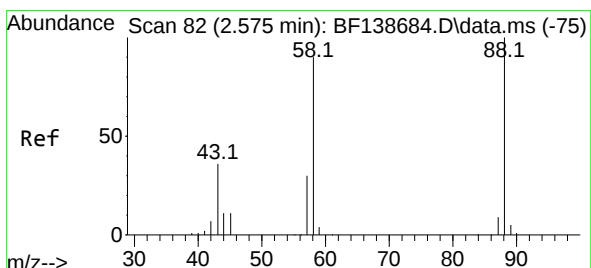
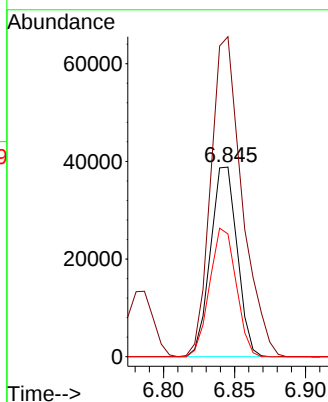
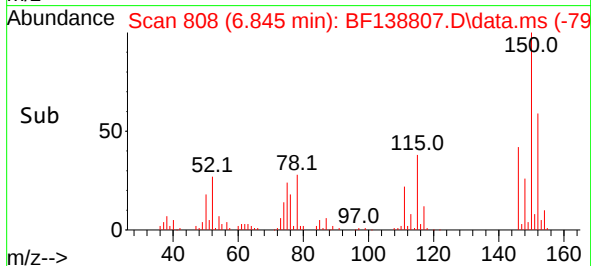
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Ion Ratio Lower Upper
152 100
150 168.7 126.0 189.0
115 64.7 51.7 77.5

Manual Integrations

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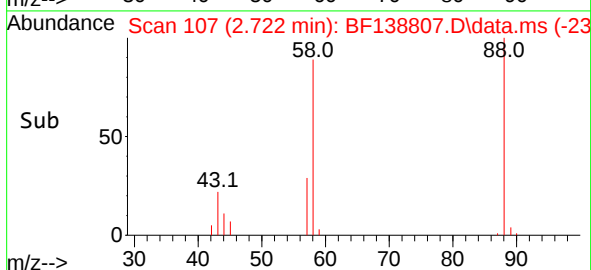
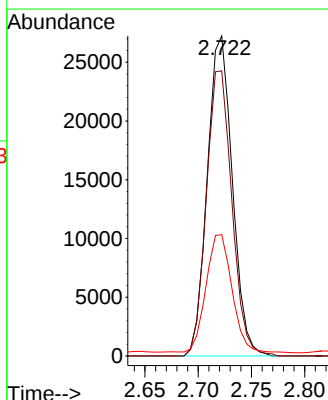
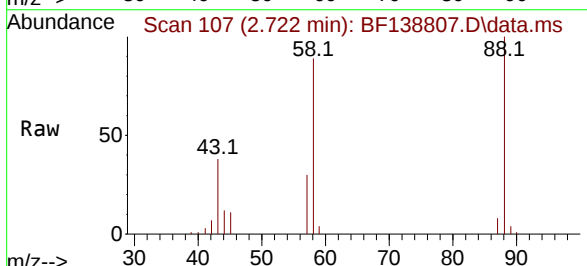
Reviewed By :Yogesh Patel 08/07/2024

Supervised By :mohammad ahmed 08/08/2024



#2
1,4-Dioxane
Concen: 30.920 ng
RT: 2.722 min Scan# 107
Delta R.T. 0.147 min
Lab File: BF138807.D
Acq: 06 Aug 2024 13:50

Tgt Ion: 88 Resp: 44636
Ion Ratio Lower Upper
88 100
58 90.7 71.6 107.4
43 38.5 28.7 43.1





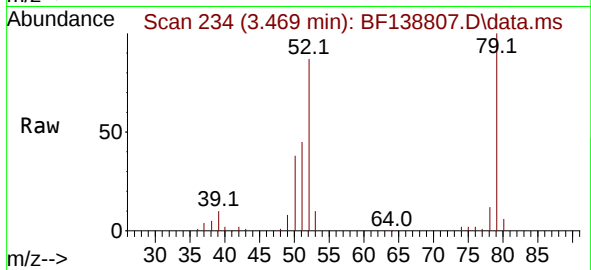
#3
Pyridine
Concen: 34.427 ng
RT: 3.469 min Scan# 211
Delta R.T. 0.135 min
Lab File: BF138807.D
Acq: 06 Aug 2024 13:50

Instrument :

BNA_F

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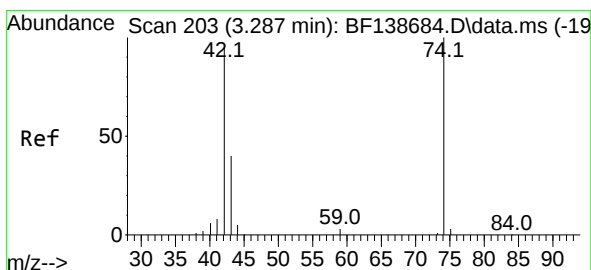
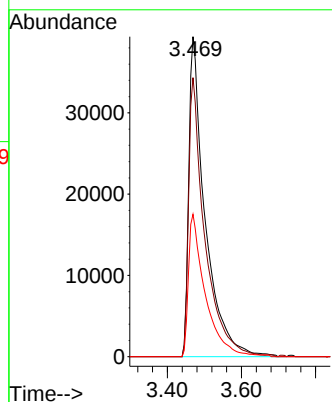
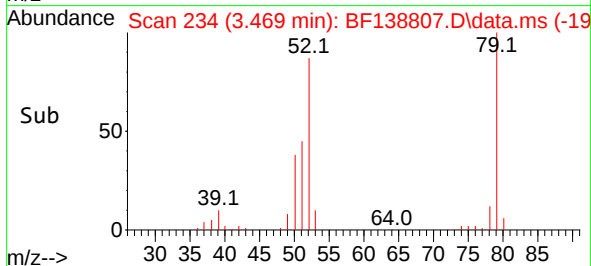


Tgt Ion: 79 Resp: 120390
Ion Ratio Lower Upper
79 100
52 87.2 74.7 112.1
51 44.5 34.6 51.8

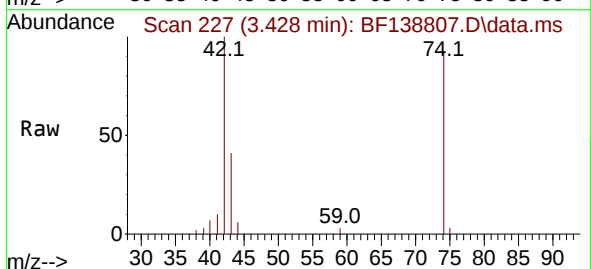
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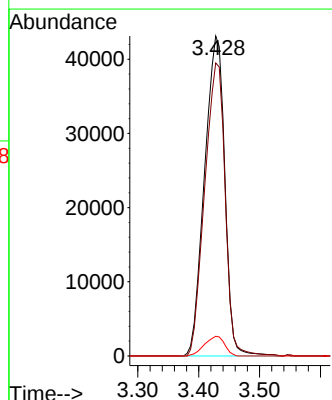
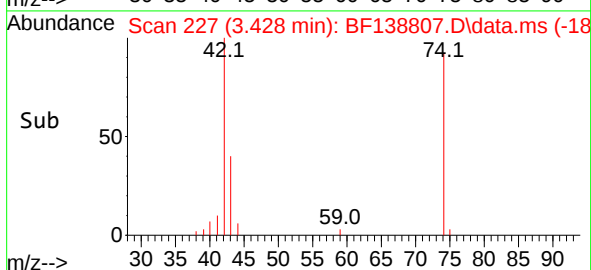
Reviewed By :Yogesh Patel 08/07/2024
Supervised By :mohammad ahmed 08/08/2024



#4
n-Nitrosodimethylamine
Concen: 47.854 ng
RT: 3.428 min Scan# 227
Delta R.T. 0.141 min
Lab File: BF138807.D
Acq: 06 Aug 2024 13:50



Tgt Ion: 42 Resp: 99668
Ion Ratio Lower Upper
42 100
74 91.5 84.2 126.4
44 6.1 4.9 7.3





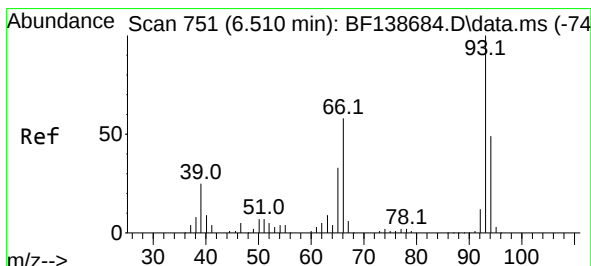
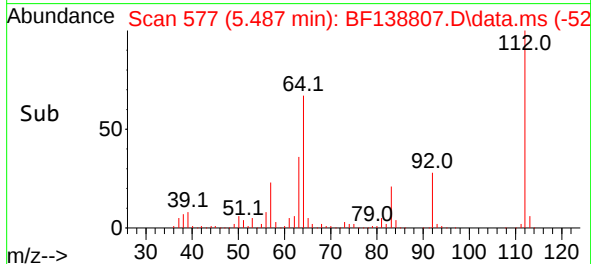
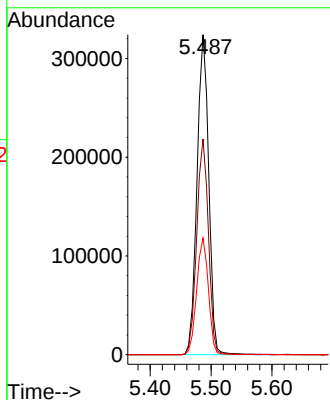
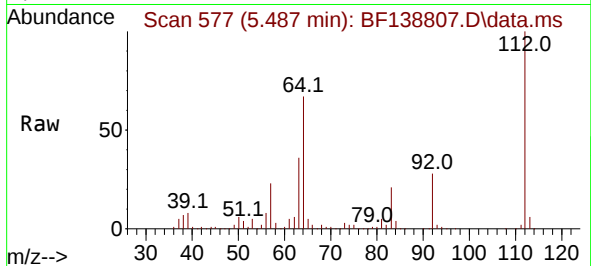
#5
2-Fluorophenol
Concen: 131.105 ng
RT: 5.487 min Scan# 51
Delta R.T. 0.018 min
Lab File: BF138807.D
Acq: 06 Aug 2024 13:50

Instrument :
BNA_F
ClientSampleId :
PB162473BS

Tgt Ion:112 Resp: 432295
Ion Ratio Lower Upper
112 100
64 67.4 54.2 81.4
63 36.5 28.7 43.1

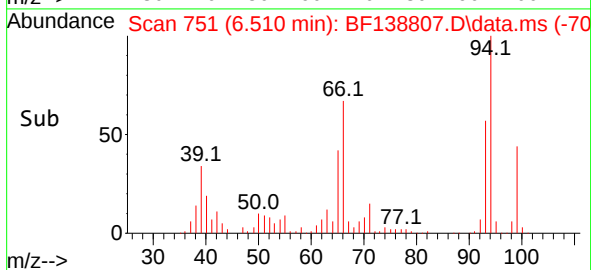
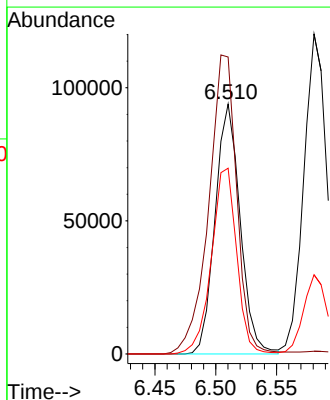
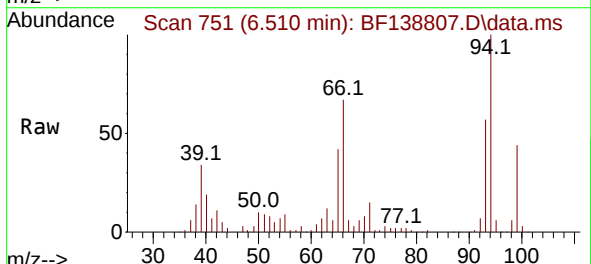
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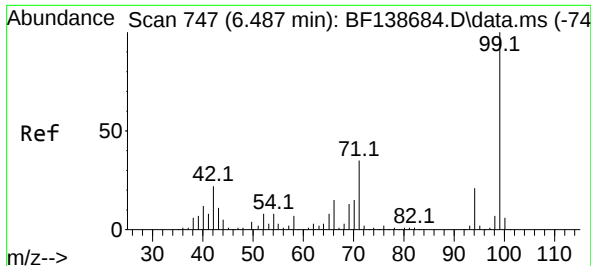
Reviewed By :Yogesh Patel 08/07/2024
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#6
Aniline
Concen: 34.059 ng
RT: 6.510 min Scan# 751
Delta R.T. -0.000 min
Lab File: BF138807.D
Acq: 06 Aug 2024 13:50

Tgt Ion: 93 Resp: 134466
Ion Ratio Lower Upper
93 100
66 118.9 46.9 70.3#
65 74.4 26.5 39.7#





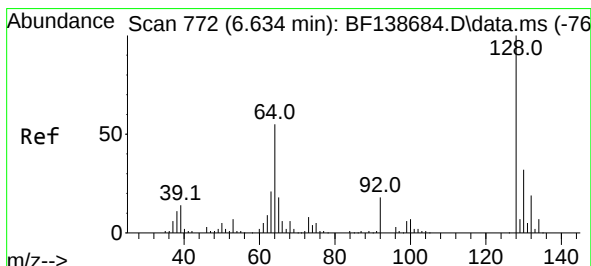
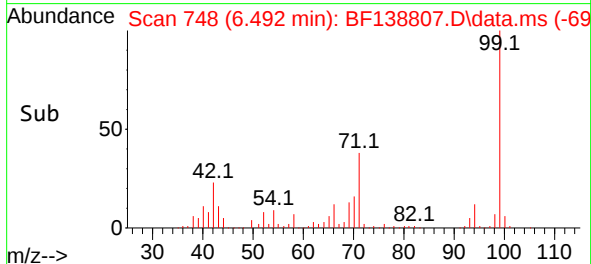
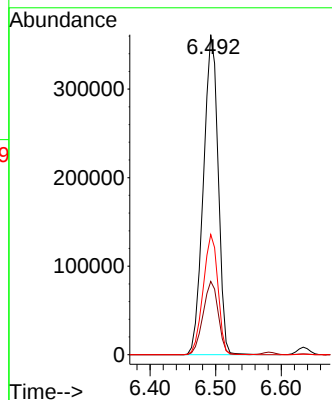
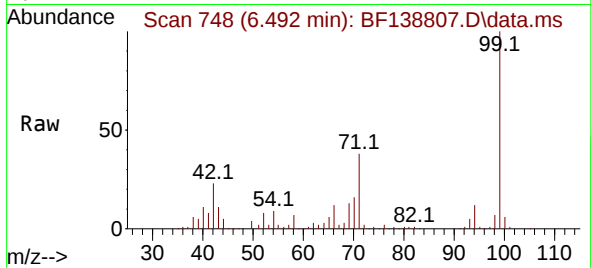
#7
Phenol-d6
Concen: 128.081 ng
RT: 6.492 min Scan# 747
Delta R.T. 0.006 min
Lab File: BF138807.D
Acq: 06 Aug 2024 13:50

Instrument :
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ClientSampleId :
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Tgt Ion: 99 Resp: 56701
Ion Ratio Lower Upper
99 100
42 22.9 17.4 26.0
71 37.5 28.1 42.1

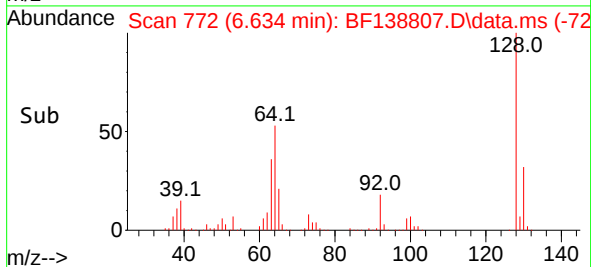
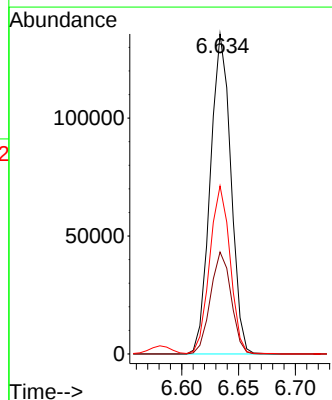
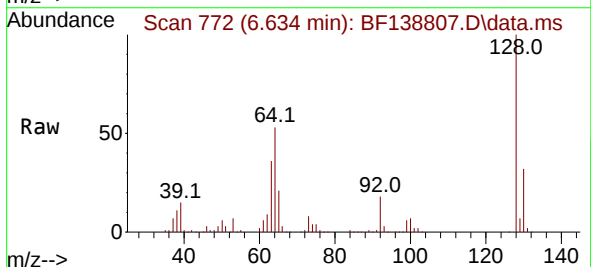
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#8
2-Chlorophenol
Concen: 49.213 ng
RT: 6.634 min Scan# 772
Delta R.T. -0.000 min
Lab File: BF138807.D
Acq: 06 Aug 2024 13:50

Tgt Ion:128 Resp: 170727
Ion Ratio Lower Upper
128 100
130 31.9 12.0 52.0
64 52.5 36.3 76.3





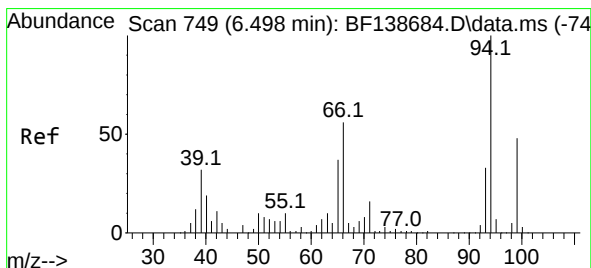
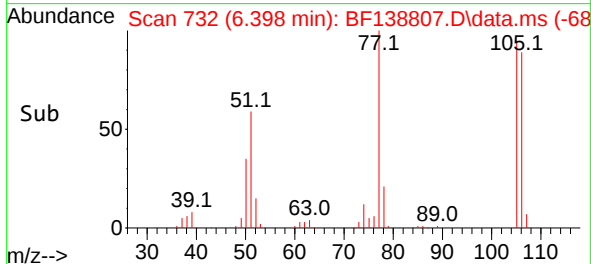
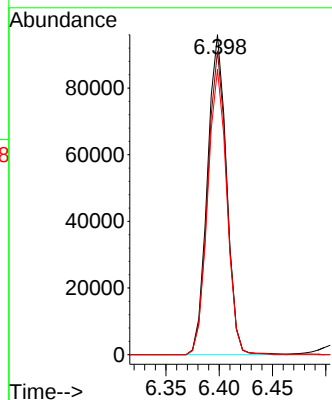
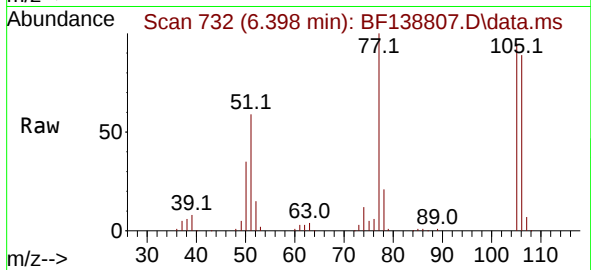
#9
Benzaldehyde
Concen: 45.202 ng
RT: 6.398 min Scan# 711
Delta R.T. 0.000 min
Lab File: BF138807.D
Acq: 06 Aug 2024 13:50

Instrument :
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ClientSampleId :
PB162473BS

Tgt Ion: 77 Resp: 11995
Ion Ratio Lower Upper
77 100
105 94.9 72.9 112.9
106 89.2 68.4 108.4

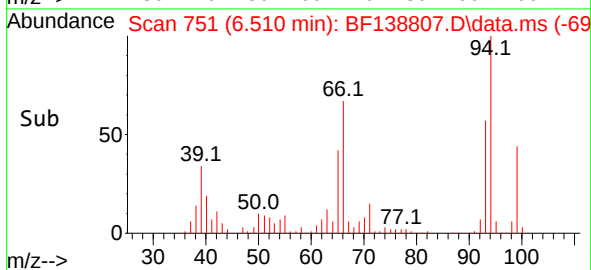
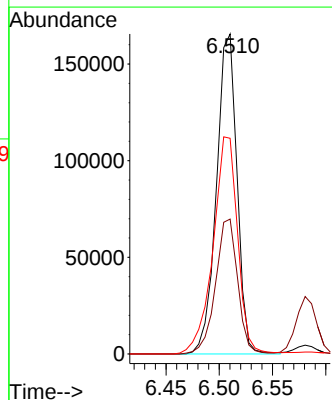
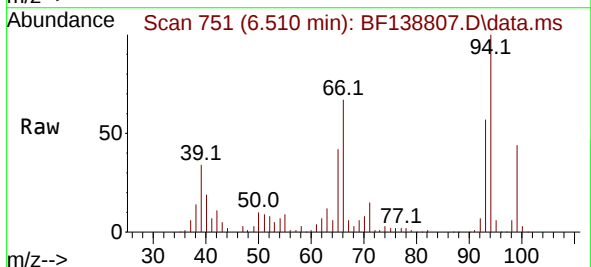
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#10
Phenol
Concen: 47.608 ng
RT: 6.510 min Scan# 751
Delta R.T. 0.012 min
Lab File: BF138807.D
Acq: 06 Aug 2024 13:50

Tgt Ion: 94 Resp: 221907
Ion Ratio Lower Upper
94 100
65 42.2 16.9 56.9
66 67.4 36.5 76.5





#11
bis(2-Chloroethyl)ether
Concen: 43.977 ng
RT: 6.581 min Scan# 764
Delta R.T. -0.006 min
Lab File: BF138807.D
Acq: 06 Aug 2024 13:50

Instrument :

BNA_F

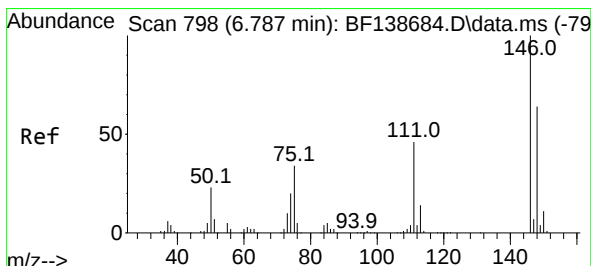
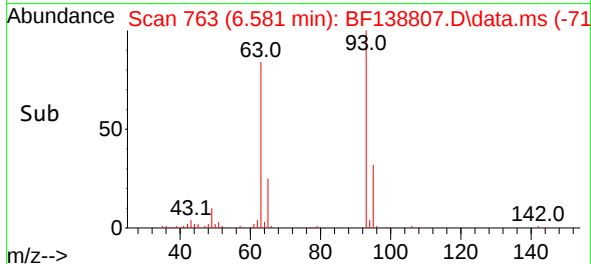
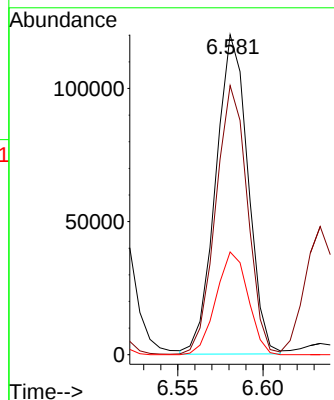
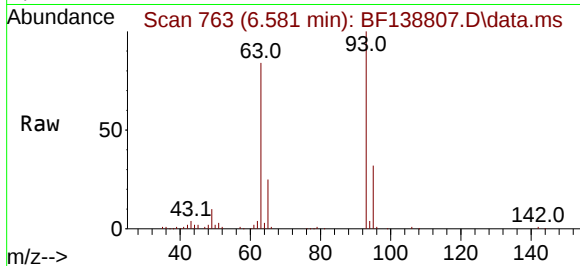
ClientSampleId :

PB162473BS

Tgt Ion: 93 Resp: 157740
Ion Ratio Lower Upper
93 100
63 84.1 65.3 105.3
95 32.1 12.4 52.4

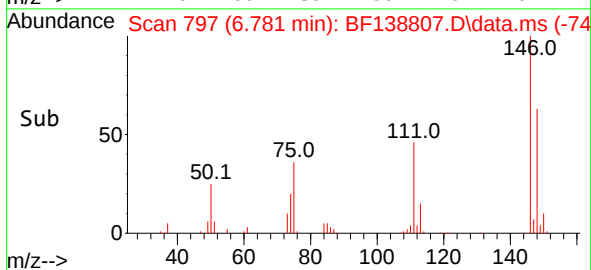
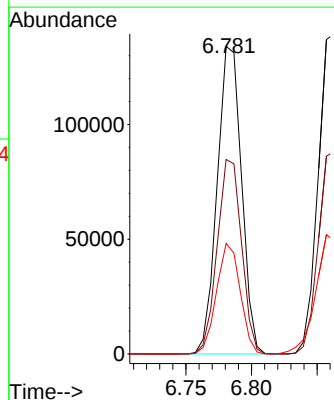
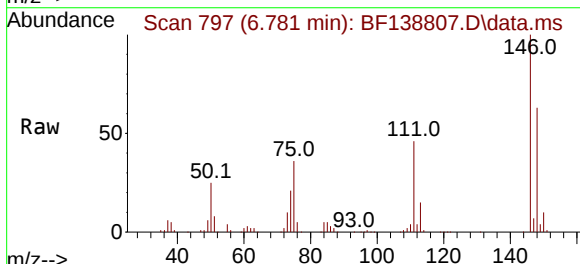
Manual Integrations
APPROVED

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



#12
1,3-Dichlorobenzene
Concen: 44.511 ng
RT: 6.781 min Scan# 797
Delta R.T. -0.006 min
Lab File: BF138807.D
Acq: 06 Aug 2024 13:50

Tgt Ion:146 Resp: 172851
Ion Ratio Lower Upper
146 100
148 63.3 51.2 76.8
75 35.9 27.4 41.2





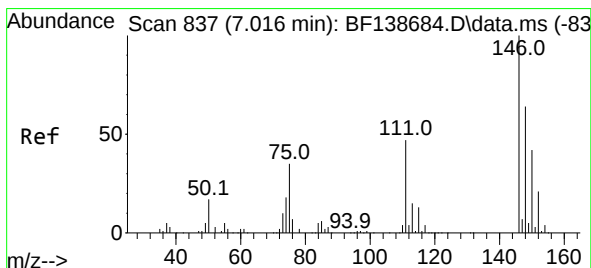
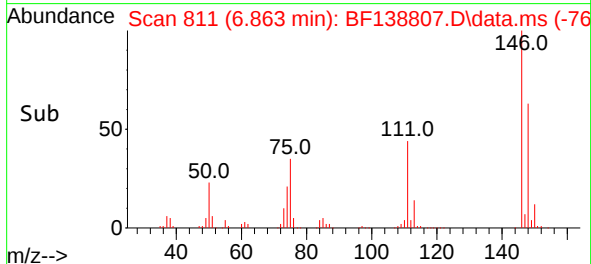
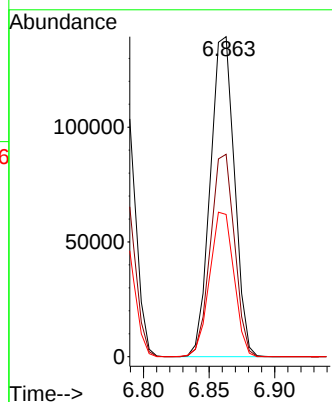
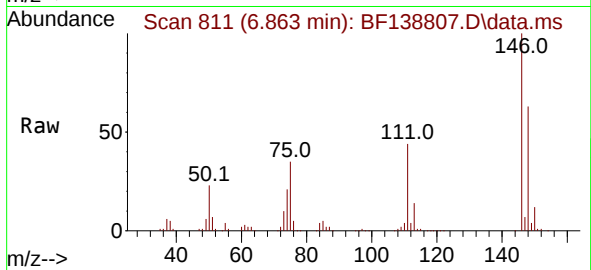
#13
1,4-Dichlorobenzene
Concen: 45.636 ng
RT: 6.863 min Scan# 811
Delta R.T. -0.000 min
Lab File: BF138807.D
Acq: 06 Aug 2024 13:50

Instrument :
BNA_F
ClientSampleId :
PB162473BS

Tgt Ion:146 Resp: 178844
Ion Ratio Lower Upper
146 100
148 63.2 50.2 75.2
111 44.5 35.9 53.9

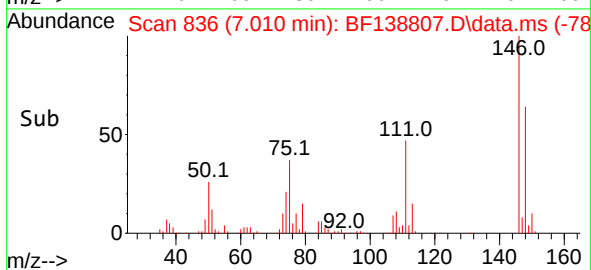
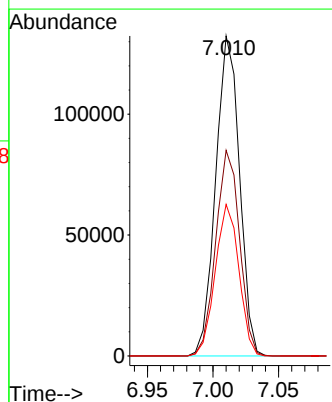
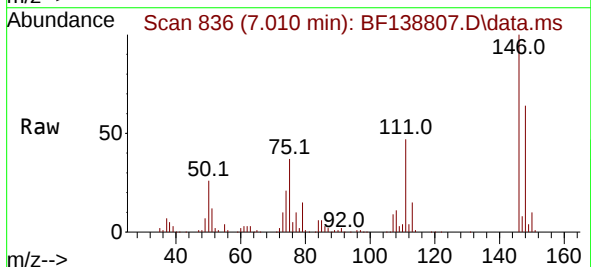
Manual Integrations
APPROVED

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



#14
1,2-Dichlorobenzene
Concen: 45.662 ng
RT: 7.010 min Scan# 836
Delta R.T. -0.006 min
Lab File: BF138807.D
Acq: 06 Aug 2024 13:50

Tgt Ion:146 Resp: 167238
Ion Ratio Lower Upper
146 100
148 64.2 50.8 76.2
111 47.3 37.4 56.2





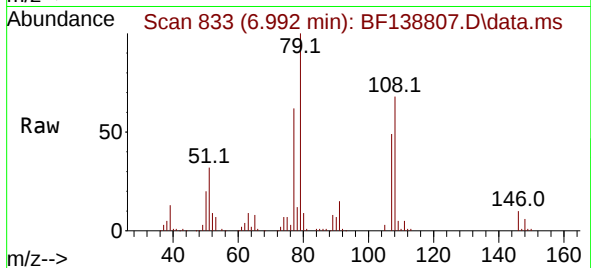
#15
Benzyl Alcohol
Concen: 50.515 ng
RT: 6.992 min Scan# 811
Delta R.T. -0.000 min
Lab File: BF138807.D
Acq: 06 Aug 2024 13:50

Instrument :

BNA_F

ClientSampleId :

PB162473BS

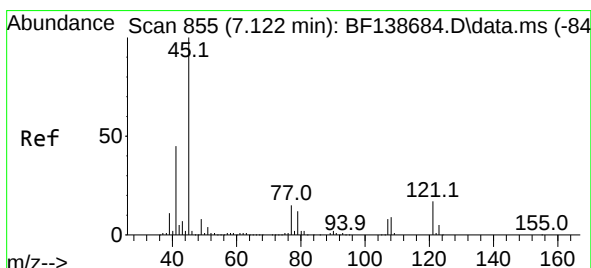
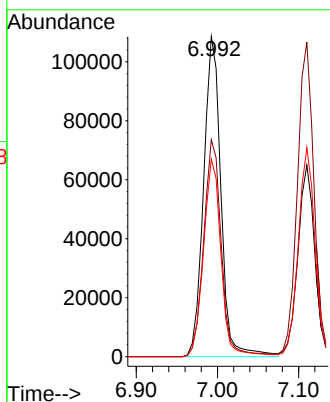
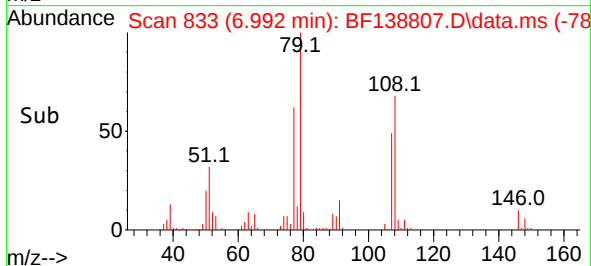


Tgt Ion: 79 Resp: 161178
Ion Ratio Lower Upper
79 100
108 67.8 56.6 85.0
77 61.8 50.3 75.5

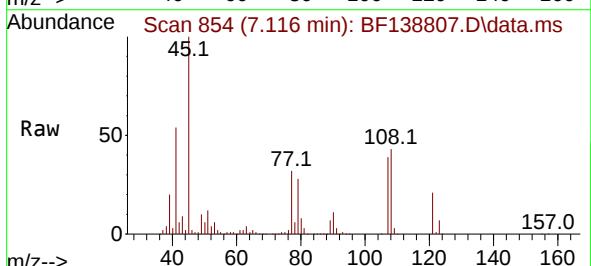
Manual Integrations

APPROVED

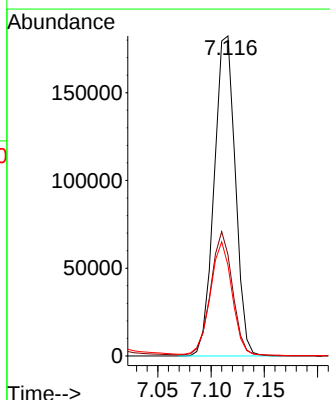
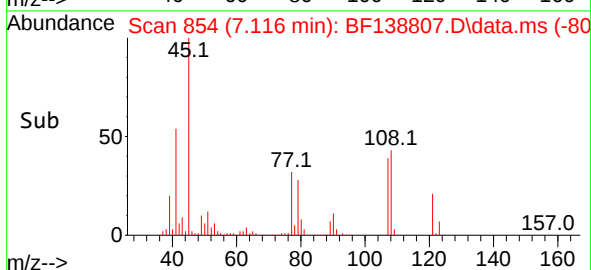
Reviewed By :Yogesh Patel 08/07/2024
Supervised By :mohammad ahmed 08/08/2024

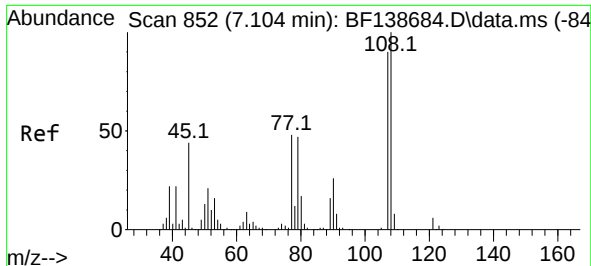


#16
2,2'-oxybis(1-Chloropropane)
Concen: 40.795 ng
RT: 7.116 min Scan# 854
Delta R.T. -0.006 min
Lab File: BF138807.D
Acq: 06 Aug 2024 13:50



Tgt Ion: 45 Resp: 251820
Ion Ratio Lower Upper
45 100
77 31.7 0.0 34.9
79 28.4 0.0 32.2





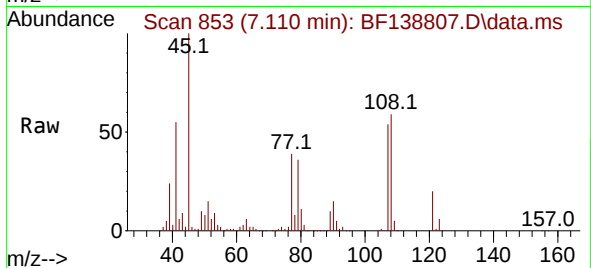
#17
2-Methylphenol
Concen: 48.188 ng
RT: 7.110 min Scan# 853
Delta R.T. 0.006 min
Lab File: BF138807.D
Acq: 06 Aug 2024 13:50

Instrument :

BNA_F

ClientSampleId :

PB162473BS

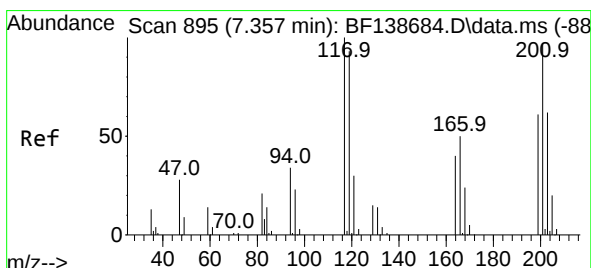
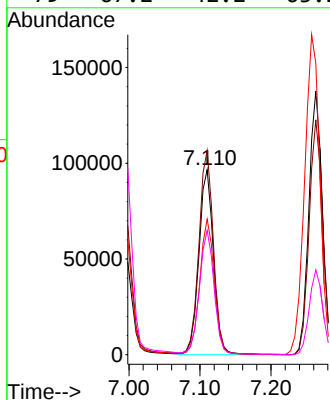
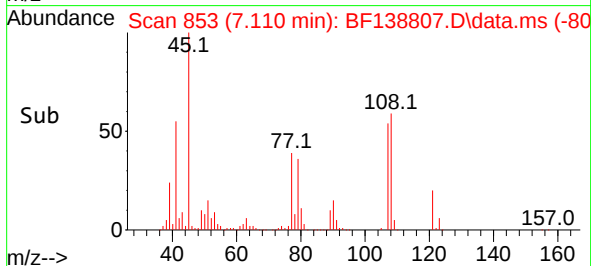


Tgt Ion:107 Resp: 138040
Ion Ratio Lower Upper
107 100
108 110.4 89.2 133.8
77 73.3 43.0 64.4
79 67.2 42.2 63.2

Manual Integrations

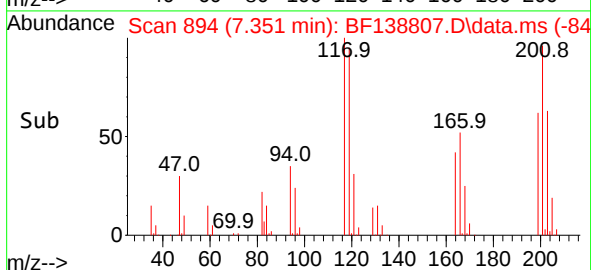
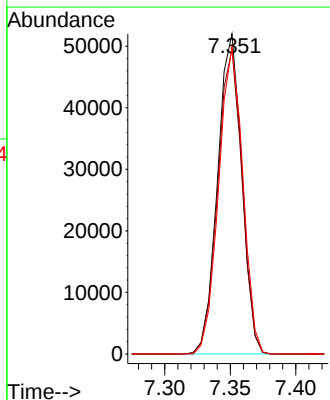
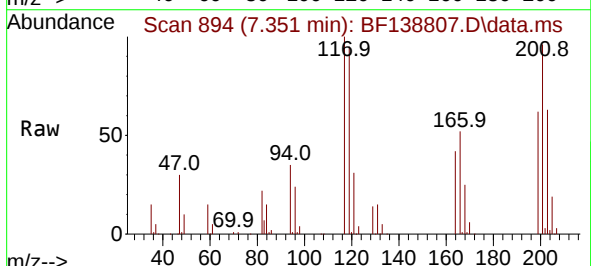
APPROVED

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



#18
Hexachloroethane
Concen: 45.148 ng
RT: 7.351 min Scan# 894
Delta R.T. -0.006 min
Lab File: BF138807.D
Acq: 06 Aug 2024 13:50

Tgt Ion:117 Resp: 66602
Ion Ratio Lower Upper
117 100
119 95.2 74.6 111.8
201 95.8 77.2 115.8





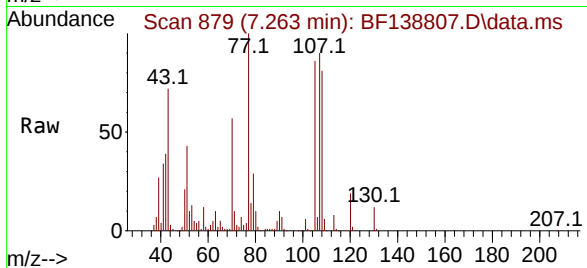
#19
n-Nitroso-di-n-propylamine
Concen: 48.054 ng
RT: 7.263 min Scan# 819
Delta R.T. 0.006 min
Lab File: BF138807.D
Acq: 06 Aug 2024 13:50

Instrument :

BNA_F

ClientSampleId :

PB162473BS

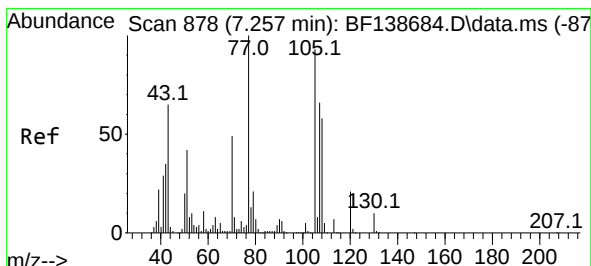
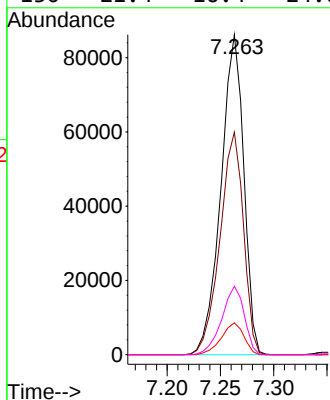
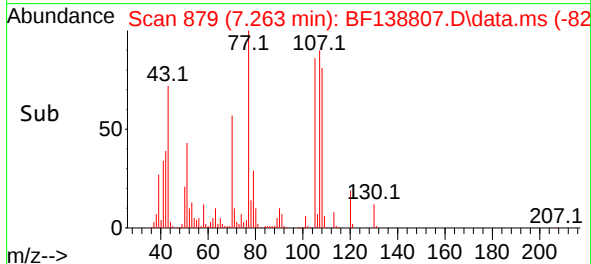


Tgt Ion: 70 Resp: 128488
Ion Ratio Lower Upper
70 100
42 69.6 57.4 86.0
101 9.9 7.5 11.3
130 21.4 16.4 24.6

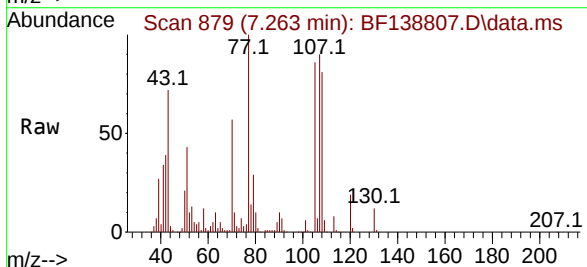
Manual Integrations

APPROVED

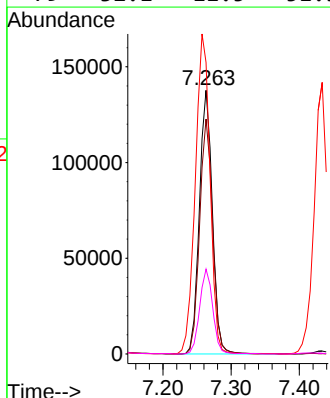
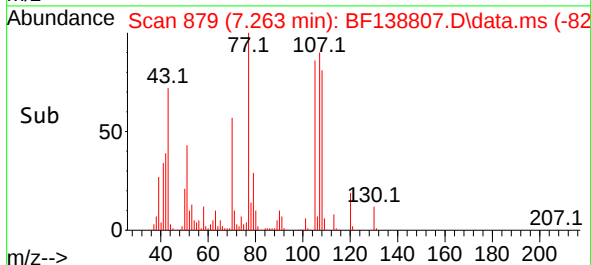
Reviewed By :Yogesh Patel 08/07/2024
Supervised By :mohammad ahmed 08/08/2024



#20
3+4-Methylphenols
Concen: 49.750 ng
RT: 7.263 min Scan# 879
Delta R.T. 0.006 min
Lab File: BF138807.D
Acq: 06 Aug 2024 13:50



Tgt Ion:107 Resp: 182853
Ion Ratio Lower Upper
107 100
108 89.0 68.2 108.2
77 110.5 132.1 172.1#
79 32.1 11.5 51.5





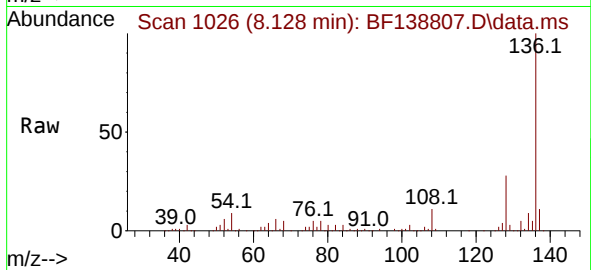
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.128 min Scan# 1026
Delta R.T. -0.000 min
Lab File: BF138807.D
Acq: 06 Aug 2024 13:50

Instrument :

BNA_F

ClientSampleId :

PB162473BS

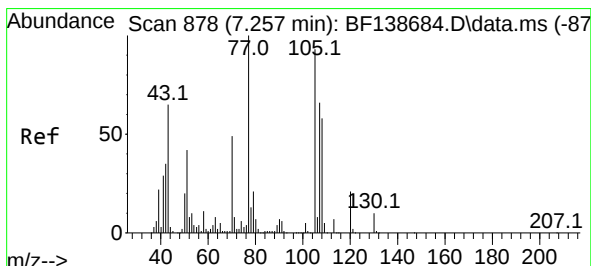
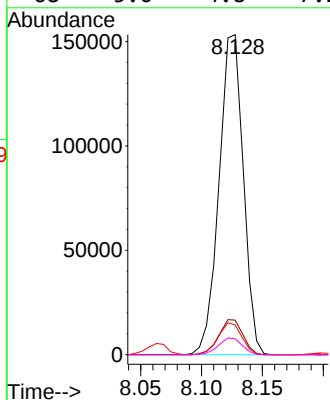
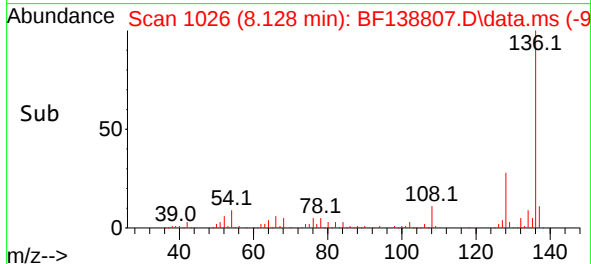


Tgt Ion:136 Resp: 212590
Ion Ratio Lower Upper
136 100
137 10.8 8.9 13.3
54 9.2 8.6 12.8
68 5.0 4.8 7.2

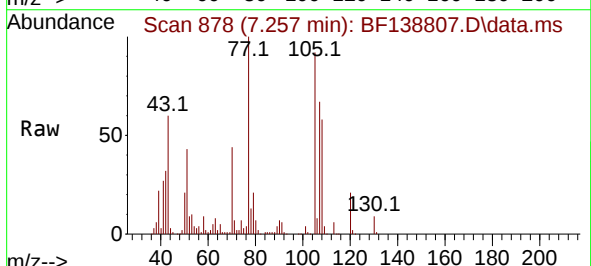
Manual Integrations

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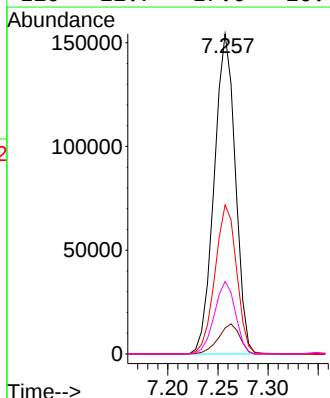
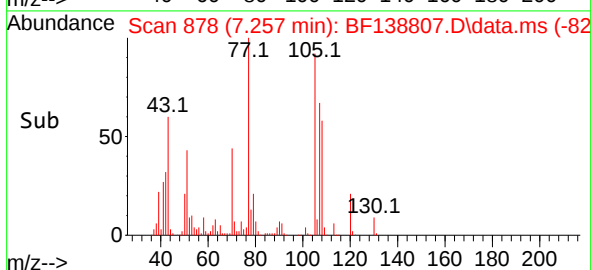
Reviewed By :Yogesh Patel 08/07/2024
Supervised By :mohammad ahmed 08/08/2024



#22
Acetophenone
Concen: 43.436 ng
RT: 7.257 min Scan# 878
Delta R.T. -0.000 min
Lab File: BF138807.D
Acq: 06 Aug 2024 13:50



Tgt Ion:105 Resp: 226097
Ion Ratio Lower Upper
105 100
71 8.1 7.2 10.8
51 46.6 35.9 53.9
120 22.7 17.6 26.4





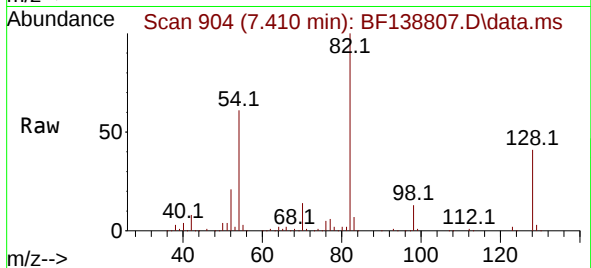
#23
Nitrobenzene-d5
Concen: 84.090 ng
RT: 7.410 min Scan# 904
Delta R.T. -0.000 min
Lab File: BF138807.D
Acq: 06 Aug 2024 13:50

Instrument :

BNA_F

ClientSampleId :

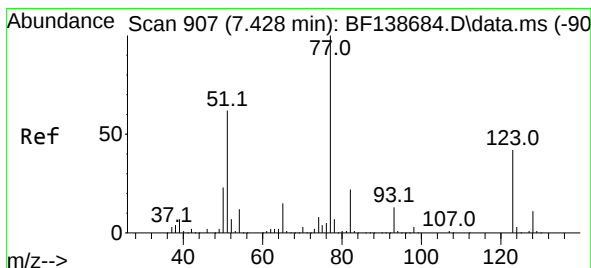
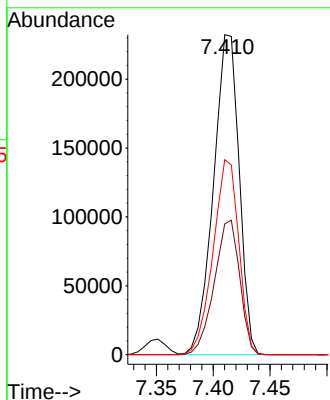
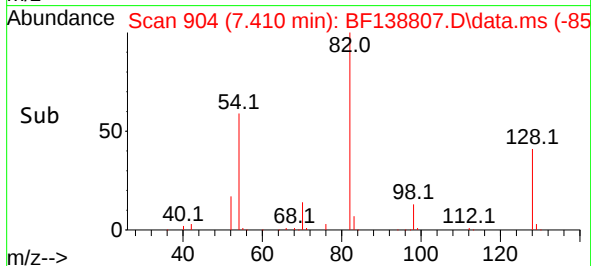
PB162473BS



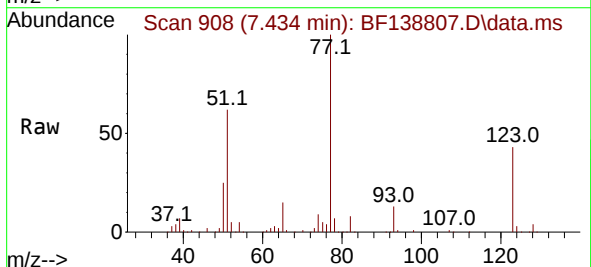
Tgt Ion: 82 Resp: 36564
Ion Ratio Lower Upper
82 100
128 40.9 32.8 49.2
54 60.9 48.3 72.5

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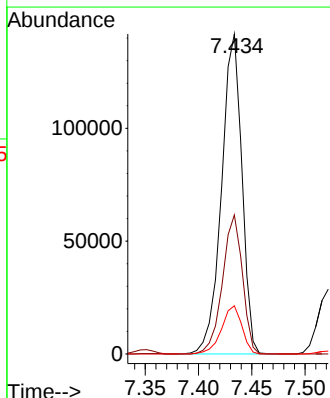
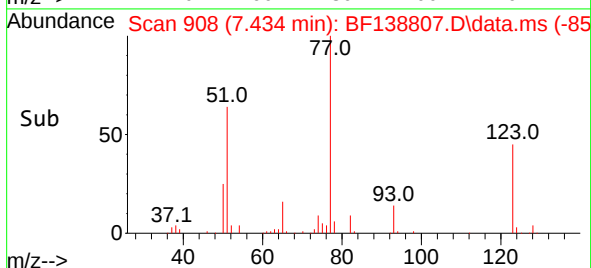
Reviewed By :Yogesh Patel 08/07/2024
Supervised By :mohammad ahmed 08/08/2024

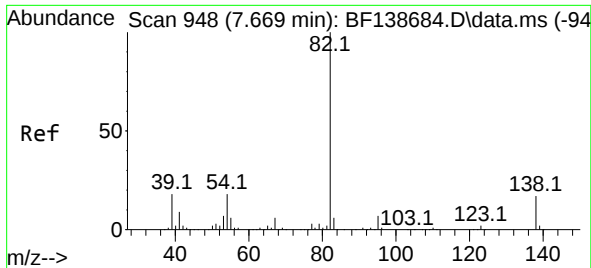


#24
Nitrobenzene
Concen: 42.544 ng
RT: 7.434 min Scan# 908
Delta R.T. 0.006 min
Lab File: BF138807.D
Acq: 06 Aug 2024 13:50



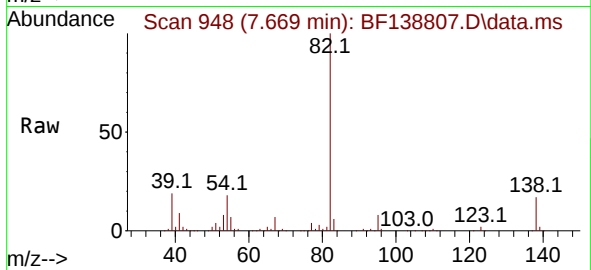
Tgt Ion: 77 Resp: 188239
Ion Ratio Lower Upper
77 100
123 43.4 33.3 49.9
65 15.1 11.9 17.9





#25
Isophorone
Concen: 45.666 ng
RT: 7.669 min Scan# 948
Delta R.T. -0.000 min
Lab File: BF138807.D
Acq: 06 Aug 2024 13:50

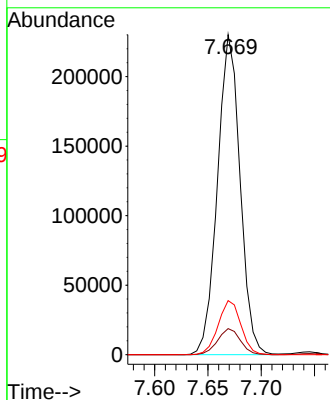
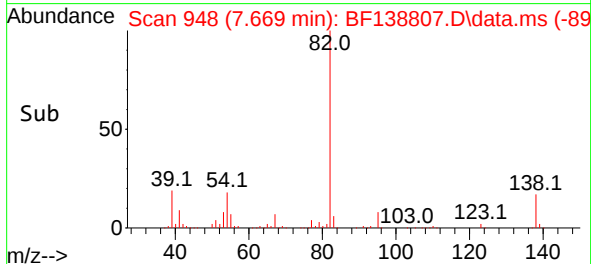
Instrument :
BNA_F
ClientSampleId :
PB162473BS



Tgt Ion: 82 Resp: 339060
Ion Ratio Lower Upper
82 100
95 8.1 5.7 8.5
138 16.9 13.7 20.5

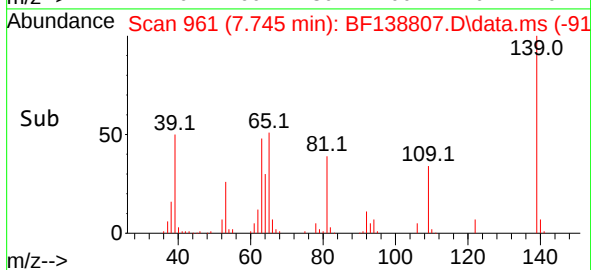
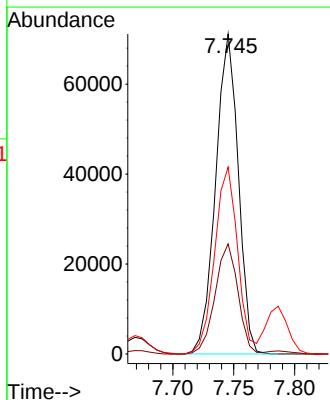
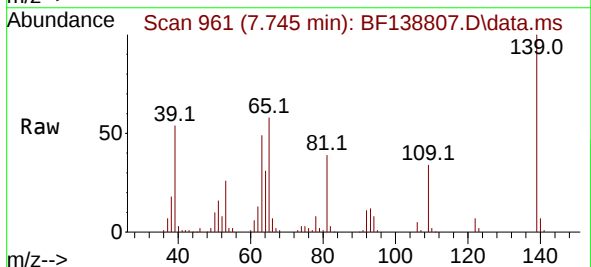
Manual Integrations
APPROVED

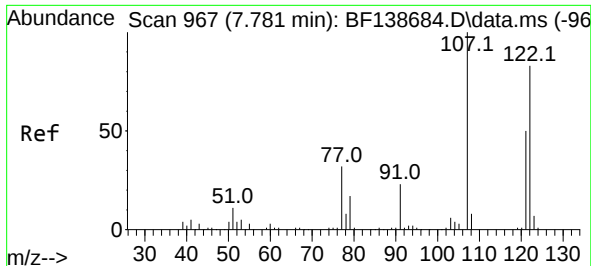
Reviewed By :Yogesh Patel 08/07/2024
Supervised By :mohammad ahmed 08/08/2024



#26
2-Nitrophenol
Concen: 48.361 ng
RT: 7.745 min Scan# 961
Delta R.T. -0.000 min
Lab File: BF138807.D
Acq: 06 Aug 2024 13:50

Tgt Ion:139 Resp: 92061
Ion Ratio Lower Upper
139 100
109 34.4 25.9 38.9
65 58.4 47.0 70.6





#27

2,4-Dimethylphenol

Concen: 51.099 ng

RT: 7.786 min Scan# 90

Delta R.T. 0.006 min

Lab File: BF138807.D

Acq: 06 Aug 2024 13:50

Instrument :

BNA_F

ClientSampleId :

PB162473BS

Tgt Ion:122 Resp: 11638

Ion Ratio Lower Upper

122 100

107 121.5 95.0 142.6

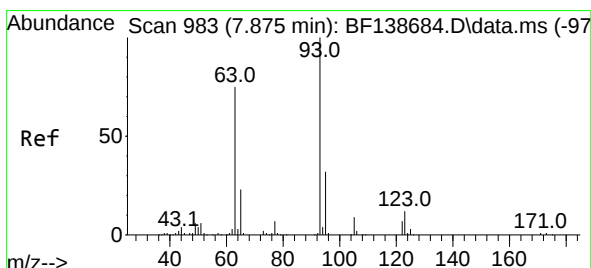
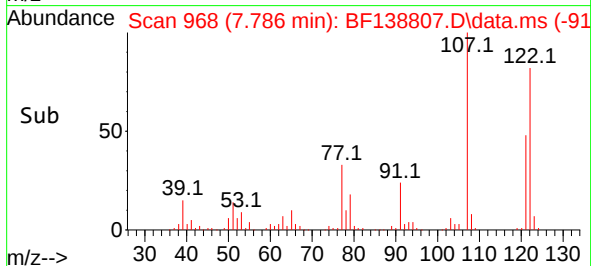
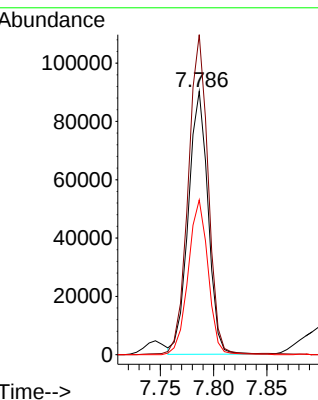
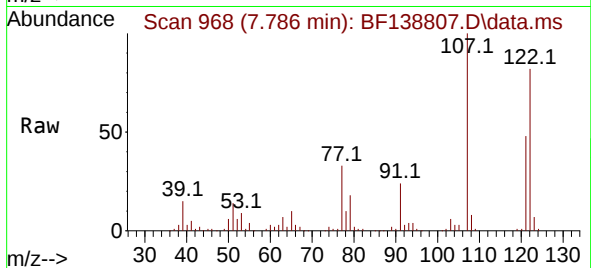
121 58.8 47.3 70.9

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 08/07/2024

Supervised By :mohammad ahmed 08/08/2024



#28

bis(2-Chloroethoxy)methane

Concen: 44.917 ng

RT: 7.875 min Scan# 983

Delta R.T. -0.000 min

Lab File: BF138807.D

Acq: 06 Aug 2024 13:50

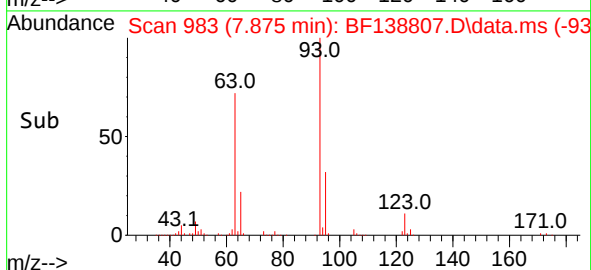
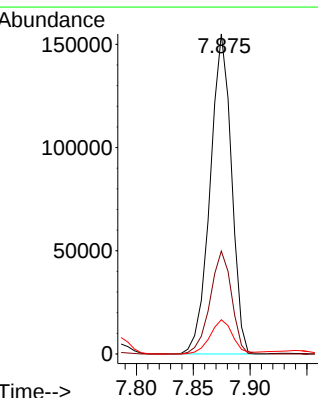
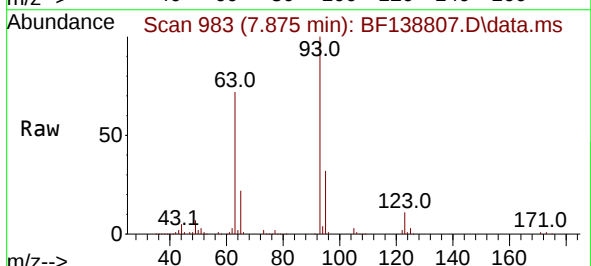
Tgt Ion: 93 Resp: 203091

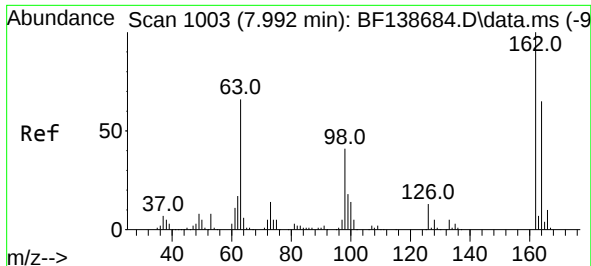
Ion Ratio Lower Upper

93 100

95 32.1 25.8 38.8

123 10.7 9.4 14.0





#29

2,4-Dichlorophenol

Concen: 48.592 ng

RT: 7.992 min Scan# 1003

Delta R.T. -0.000 min

Lab File: BF138807.D

Acq: 06 Aug 2024 13:50

Instrument :

BNA_F

ClientSampleId :

PB162473BS

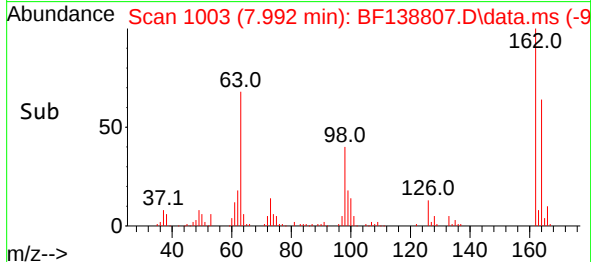
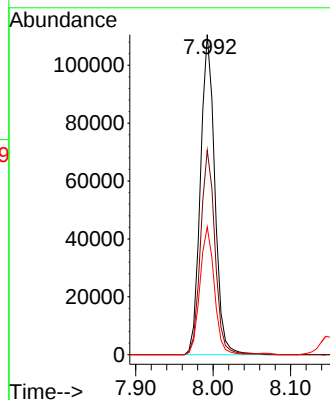
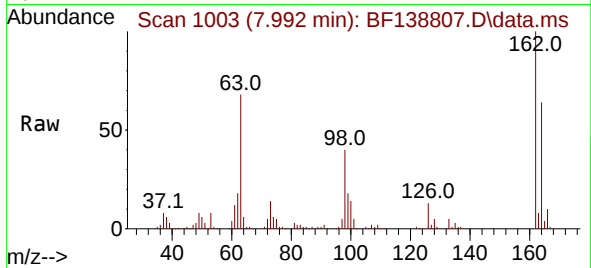
Tgt Ion:	162	Resp:	142214
Ion Ratio	Lower	Upper	
162	100		
164	63.9	44.7	84.7
98	39.9	20.8	60.8

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 08/07/2024

Supervised By :mohammad ahmed 08/08/2024



#30

1,2,4-Trichlorobenzene

Concen: 44.622 ng

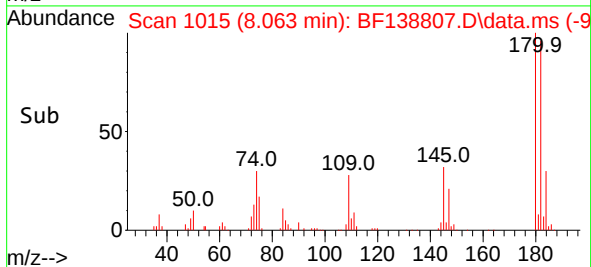
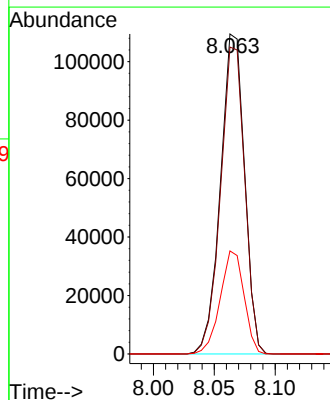
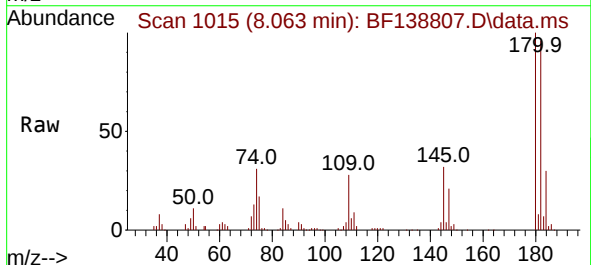
RT: 8.063 min Scan# 1015

Delta R.T. -0.006 min

Lab File: BF138807.D

Acq: 06 Aug 2024 13:50

Tgt Ion:	180	Resp:	150709
Ion Ratio	Lower	Upper	
180	100		
182	95.9	76.9	115.3
145	32.2	25.0	37.4





#31
Naphthalene
Concen: 45.082 ng
RT: 8.145 min Scan# 1030
Delta R.T. -0.006 min
Lab File: BF138807.D
Acq: 06 Aug 2024 13:50

Instrument :

BNA_F

ClientSampleId :

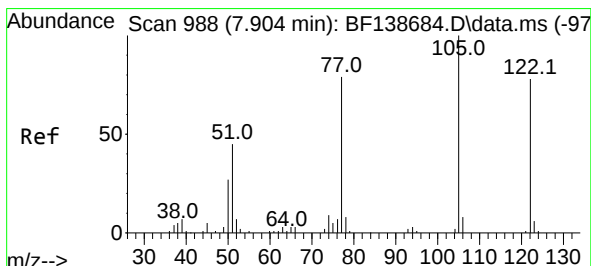
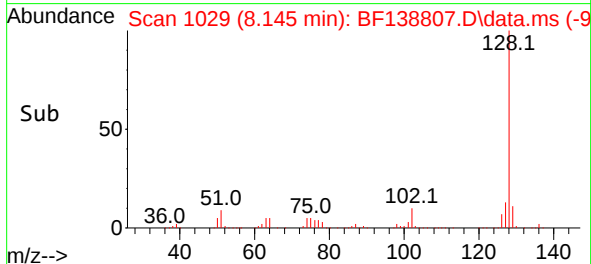
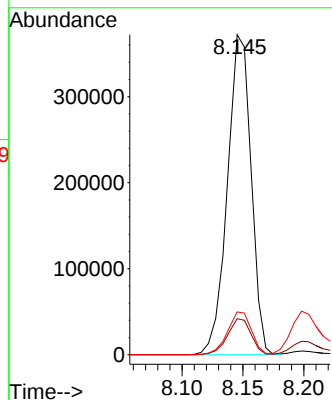
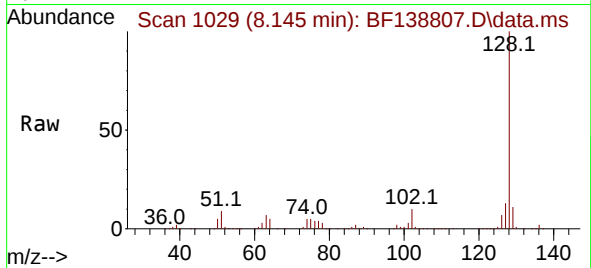
PB162473BS

Tgt Ion:128 Resp: 50447
Ion Ratio Lower Upper
128 100
129 11.2 8.7 13.1
127 13.4 10.6 16.0

Manual Integrations

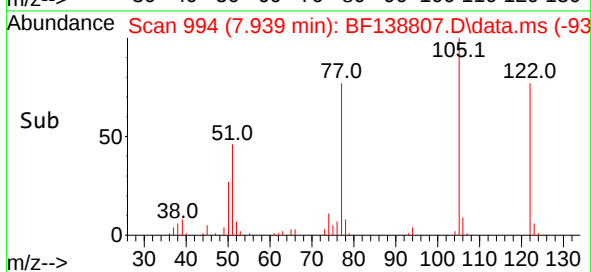
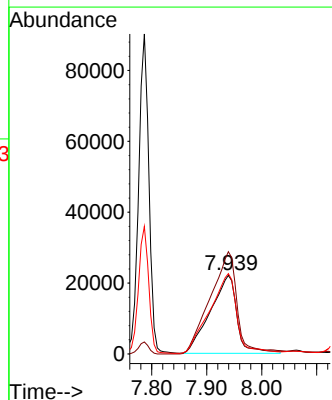
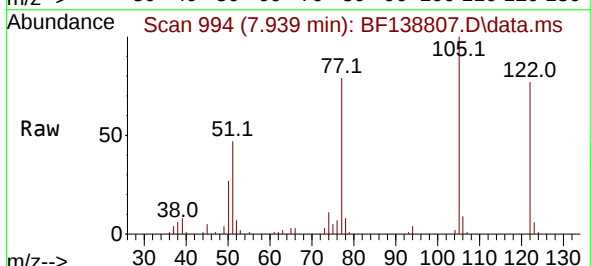
APPROVED

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



#32
Benzoic acid
Concen: 41.260 ng
RT: 7.939 min Scan# 994
Delta R.T. 0.035 min
Lab File: BF138807.D
Acq: 06 Aug 2024 13:50

Tgt Ion:122 Resp: 73870
Ion Ratio Lower Upper
122 100
105 130.1 106.7 146.7
77 102.1 81.1 121.1





#33
4-Chloroaniline
Concen: 28.334 ng
RT: 8.198 min Scan# 1038
Delta R.T. -0.006 min
Lab File: BF138807.D
Acq: 06 Aug 2024 13:50

Instrument :

BNA_F

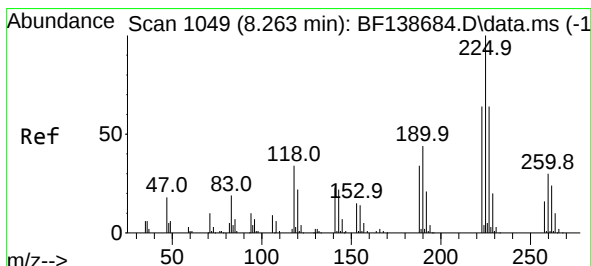
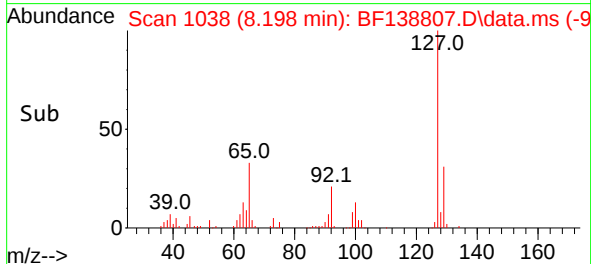
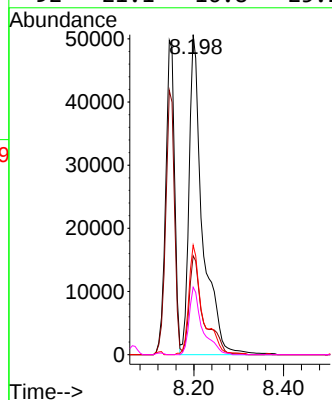
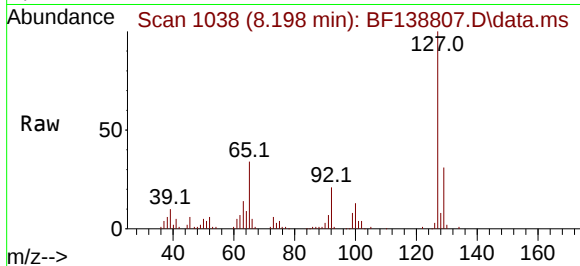
ClientSampleId :

PB162473BS

Tgt Ion:127 Resp: 106430
Ion Ratio Lower Upper
127 100
129 30.9 25.9 38.9
65 34.2 27.6 41.4
92 21.1 16.8 25.2

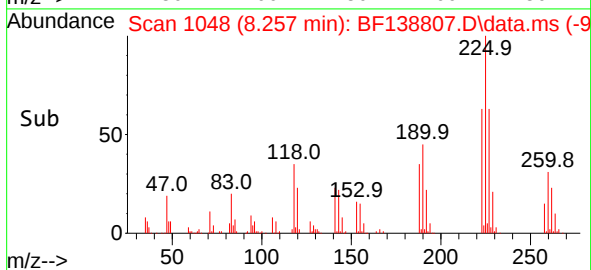
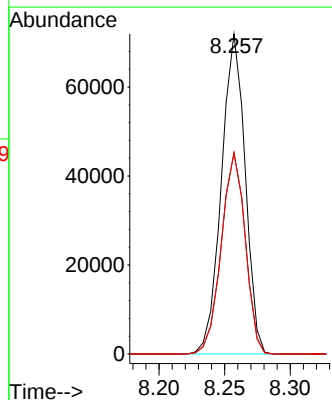
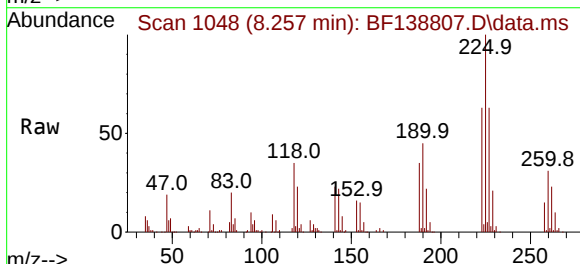
Manual Integrations
APPROVED

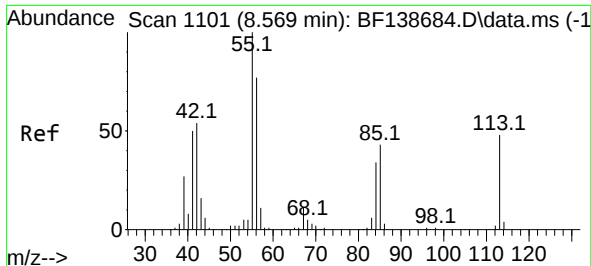
Reviewed By :Yogesh Patel 08/07/2024
Supervised By :mohammad ahmed 08/08/2024



#34
Hexachlorobutadiene
Concen: 44.188 ng
RT: 8.257 min Scan# 1048
Delta R.T. -0.006 min
Lab File: BF138807.D
Acq: 06 Aug 2024 13:50

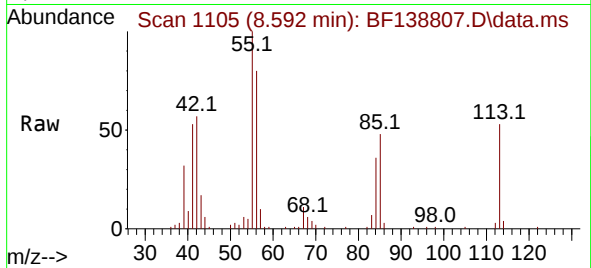
Tgt Ion:225 Resp: 90396
Ion Ratio Lower Upper
225 100
223 62.8 51.2 76.8
227 62.9 51.1 76.7





#35
 Caprolactam
 Concen: 46.271 ng m
 RT: 8.592 min Scan# 1105
 Delta R.T. 0.023 min
 Lab File: BF138807.D
 Acq: 06 Aug 2024 13:50

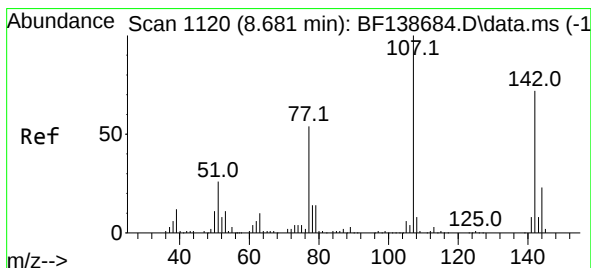
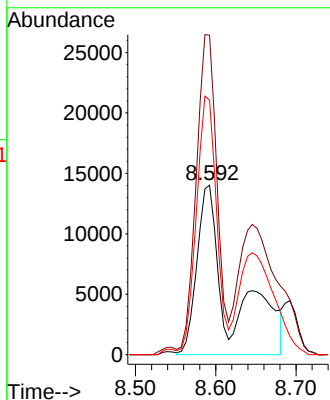
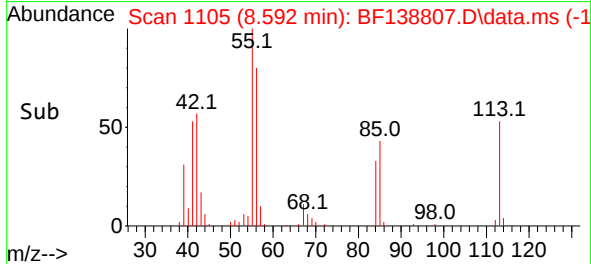
Instrument :
 BNA_F
 ClientSampleId :
 PB162473BS



Tgt Ion:113 Resp: 40408
 Ion Ratio Lower Upper
 113 100
 55 188.6 186.7 226.7
 56 150.3 138.9 178.9

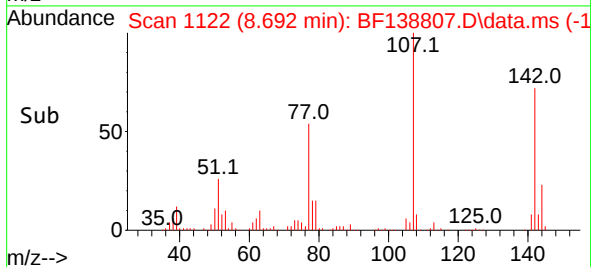
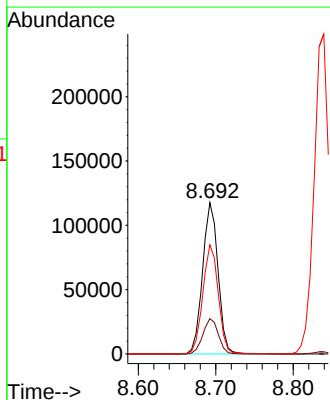
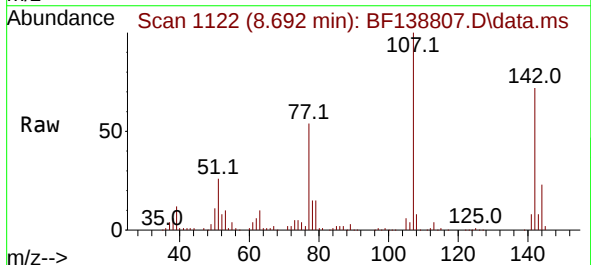
Manual Integrations
 APPROVED

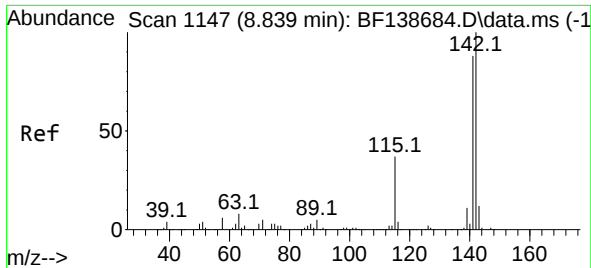
Reviewed By :Yogesh Patel 08/07/2024
 Supervised By :mohammad ahmed 08/08/2024



#36
 4-Chloro-3-methylphenol
 Concen: 48.723 ng
 RT: 8.692 min Scan# 1122
 Delta R.T. 0.012 min
 Lab File: BF138807.D
 Acq: 06 Aug 2024 13:50

Tgt Ion:107 Resp: 162968
 Ion Ratio Lower Upper
 107 100
 144 23.3 18.2 27.2
 142 72.1 57.4 86.2





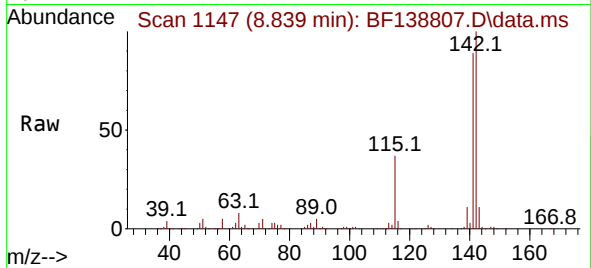
#37
2-Methylnaphthalene
Concen: 46.820 ng
RT: 8.839 min Scan# 1147
Delta R.T. -0.000 min
Lab File: BF138807.D
Acq: 06 Aug 2024 13:50

Instrument :

BNA_F

ClientSampleId :

PB162473BS



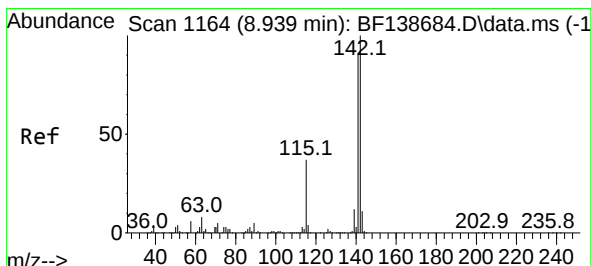
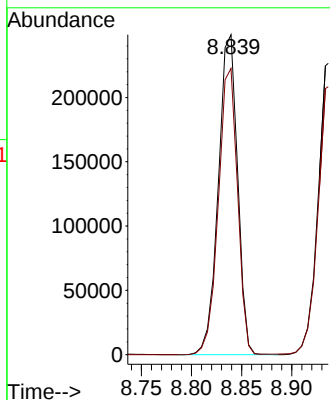
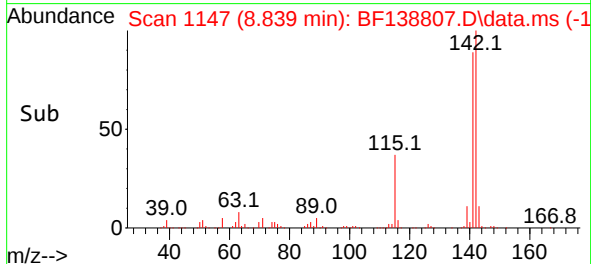
Tgt Ion:142 Resp: 33088
Ion Ratio Lower Upper
142 100
141 89.4 70.8 106.2

Manual Integrations

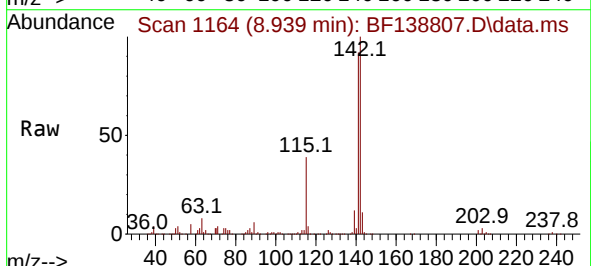
APPROVED

Reviewed By :Yogesh Patel 08/07/2024

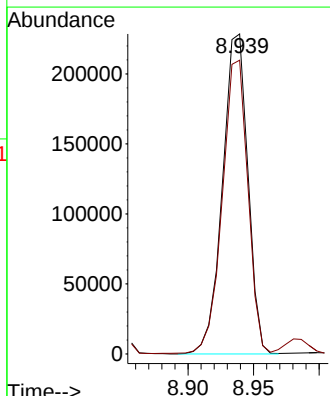
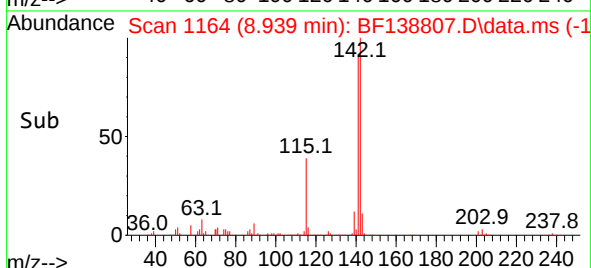
Supervised By :mohammad ahmed 08/08/2024



#38
1-Methylnaphthalene
Concen: 44.447 ng
RT: 8.939 min Scan# 1164
Delta R.T. -0.000 min
Lab File: BF138807.D
Acq: 06 Aug 2024 13:50



Tgt Ion:142 Resp: 307804
Ion Ratio Lower Upper
142 100
141 91.8 73.1 109.7





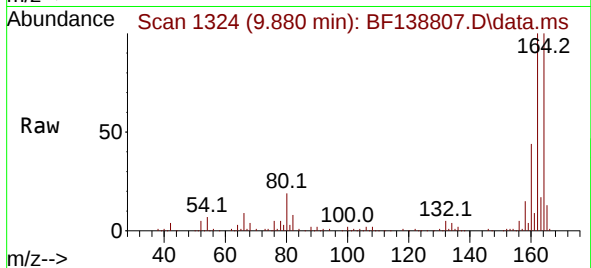
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.880 min Scan# 1175
Delta R.T. 0.000 min
Lab File: BF138807.D
Acq: 06 Aug 2024 13:50

Instrument :

BNF

ClientSampleId :

PB162473BS



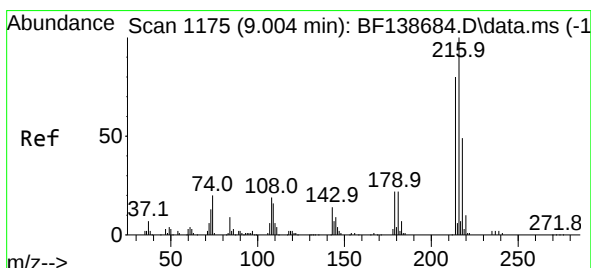
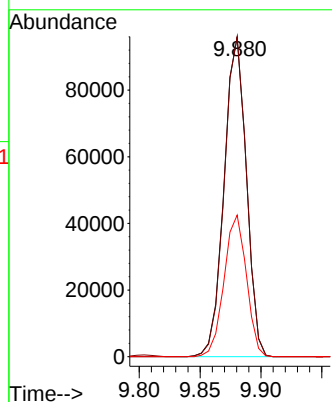
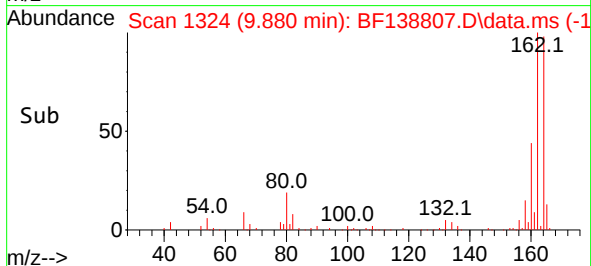
Tgt Ion:164 Resp: 122030
Ion Ratio Lower Upper
164 100
162 100.3 79.4 119.0
160 44.4 35.1 52.7

Manual Integrations

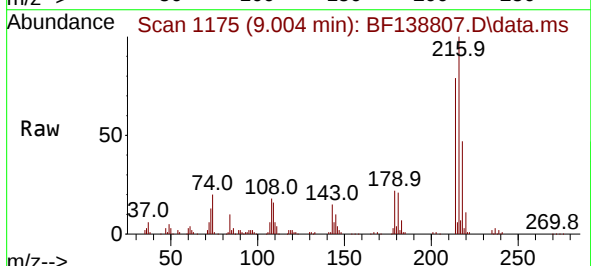
APPROVED

Reviewed By :Yogesh Patel 08/07/2024

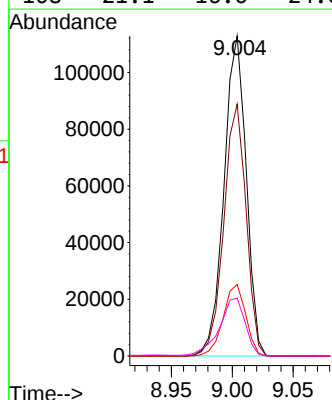
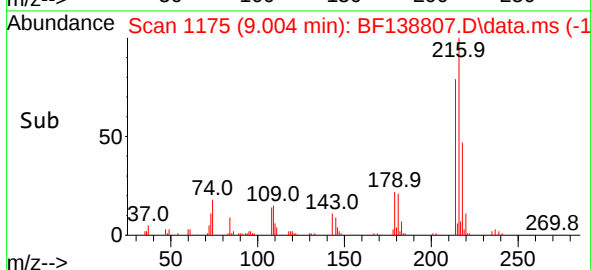
Supervised By :mohammad ahmed 08/08/2024



#40
1,2,4,5-Tetrachlorobenzene
Concen: 42.240 ng
RT: 9.004 min Scan# 1175
Delta R.T. -0.000 min
Lab File: BF138807.D
Acq: 06 Aug 2024 13:50



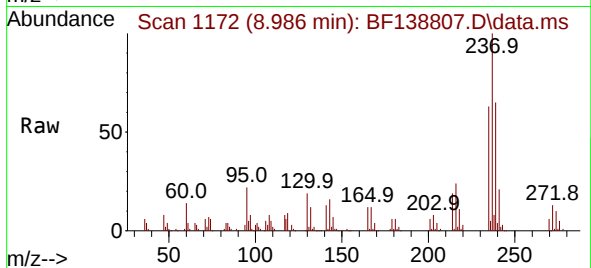
Tgt Ion:216 Resp: 143187
Ion Ratio Lower Upper
216 100
214 78.8 63.9 95.9
179 22.7 17.8 26.6
108 21.1 16.0 24.0





#41
Hexachlorocyclopentadiene
Concen: 114.073 ng
RT: 8.986 min Scan# 1172
Delta R.T. 0.000 min
Lab File: BF138807.D
Acq: 06 Aug 2024 13:50

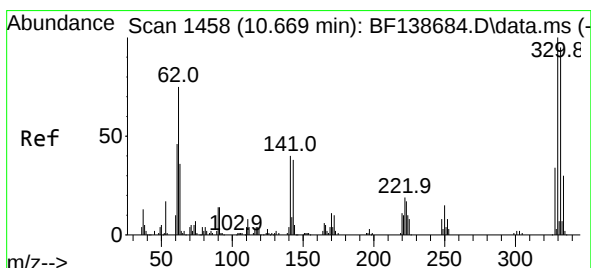
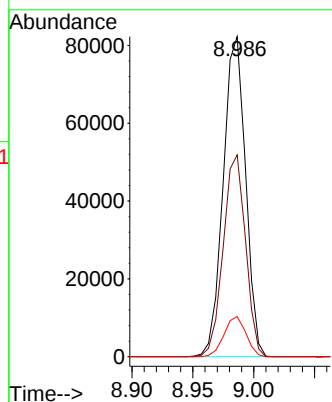
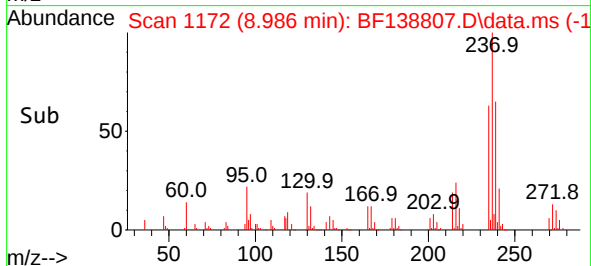
Instrument :
BNA_F
ClientSampleId :
PB162473BS



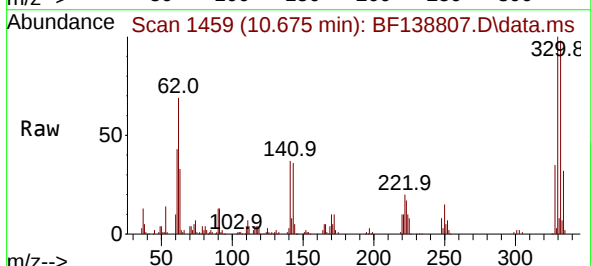
Tgt Ion:237 Resp: 10526
Ion Ratio Lower Upper
237 100
235 63.1 41.8 81.8
272 12.6 0.0 32.2

Manual Integrations
APPROVED

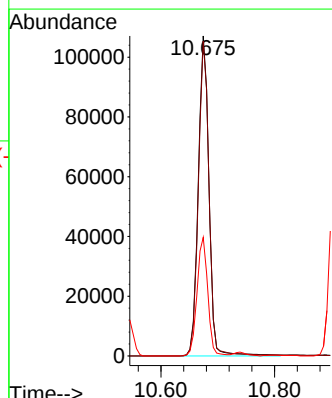
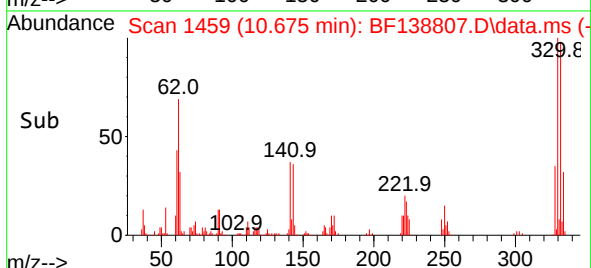
Reviewed By :Yogesh Patel 08/07/2024
Supervised By :mohammad ahmed 08/08/2024



#42
2,4,6-Tribromophenol
Concen: 141.230 ng
RT: 10.675 min Scan# 1459
Delta R.T. 0.006 min
Lab File: BF138807.D
Acq: 06 Aug 2024 13:50



Tgt Ion:330 Resp: 141172
Ion Ratio Lower Upper
330 100
332 97.8 76.4 114.6
141 37.0 31.1 46.7





#43

2,4,6-Trichlorophenol

Concen: 46.300 ng

RT: 9.122 min Scan# 1194

Delta R.T. 0.006 min

Lab File: BF138807.D

Acq: 06 Aug 2024 13:50

Instrument :

BNA_F

ClientSampleId :

PB162473BS

Tgt Ion:196 Resp: 9569

Ion Ratio Lower Upper

196 100

198 100.5 80.5 120.7

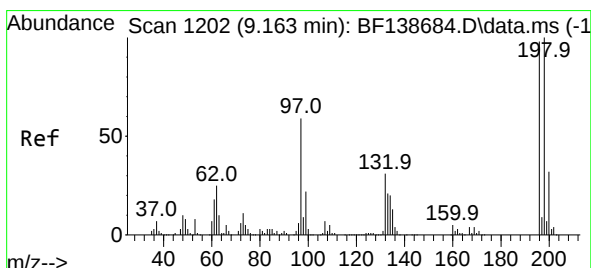
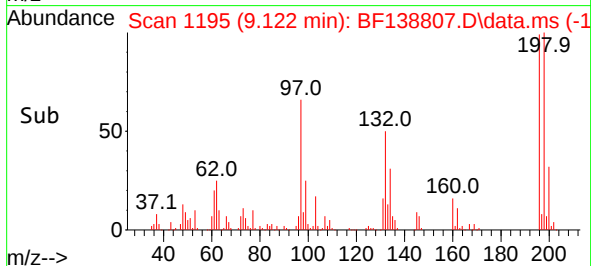
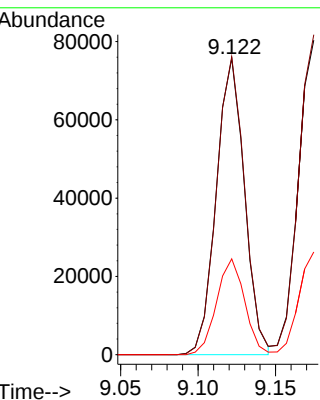
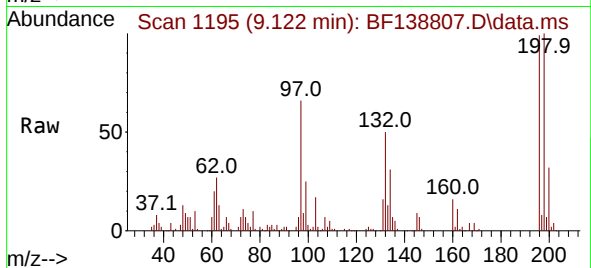
200 32.4 25.9 38.9

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 08/07/2024

Supervised By :mohammad ahmed 08/08/2024



#44

2,4,5-Trichlorophenol

Concen: 44.847 ng

RT: 9.175 min Scan# 1204

Delta R.T. 0.012 min

Lab File: BF138807.D

Acq: 06 Aug 2024 13:50

Tgt Ion:196 Resp: 101331

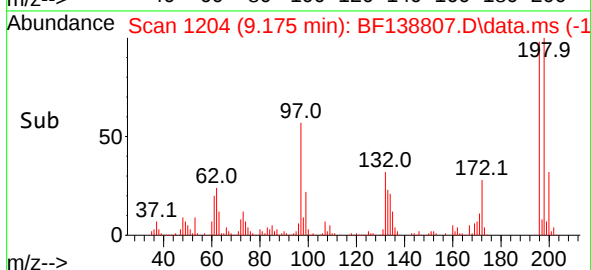
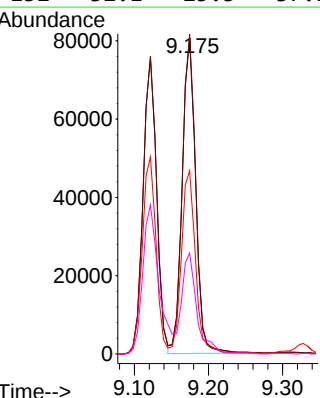
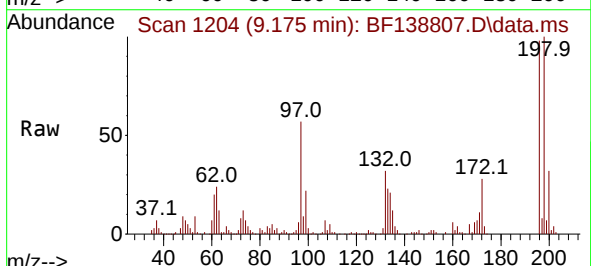
Ion Ratio Lower Upper

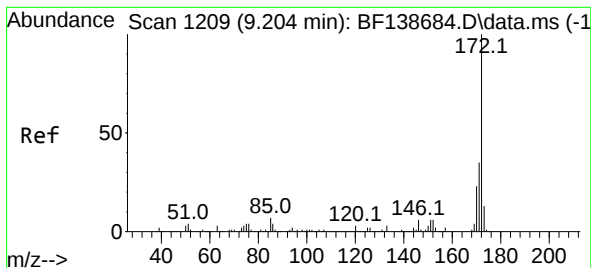
196 100

198 101.8 81.2 121.8

97 58.3 47.8 71.6

132 32.1 25.3 37.9





#45

2-Fluorobiphenyl

Concen: 86.663 ng

RT: 9.198 min Scan# 1208

Delta R.T. -0.006 min

Lab File: BF138807.D

Acq: 06 Aug 2024 13:50

Instrument :

BNA_F

ClientSampleId :

PB162473BS

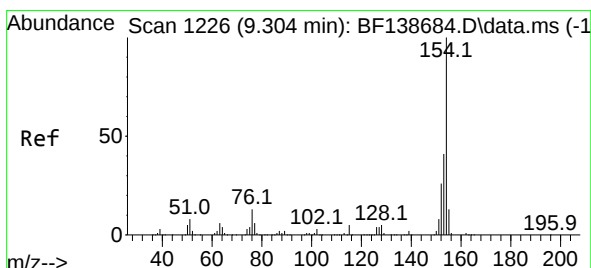
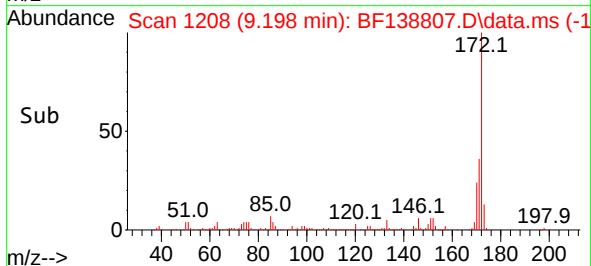
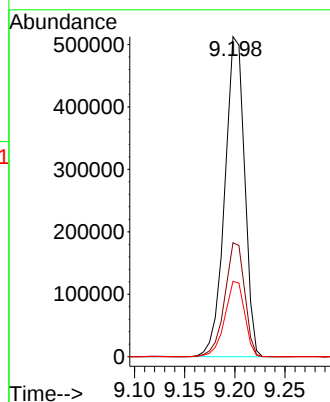
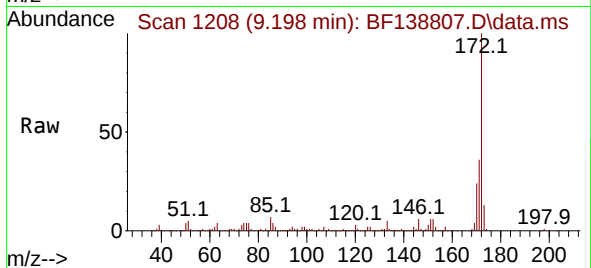
Tgt Ion:	172	Resp:	703864
Ion Ratio	Lower	Upper	
172	100		
171	35.6	28.3	42.5
170	23.6	18.8	28.2

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 08/07/2024

Supervised By :mohammad ahmed 08/08/2024



#46

1,1'-Biphenyl

Concen: 41.416 ng

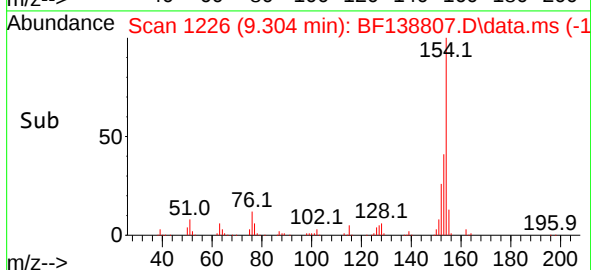
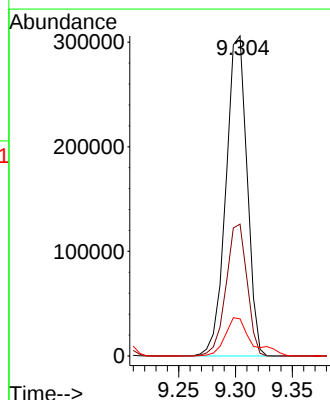
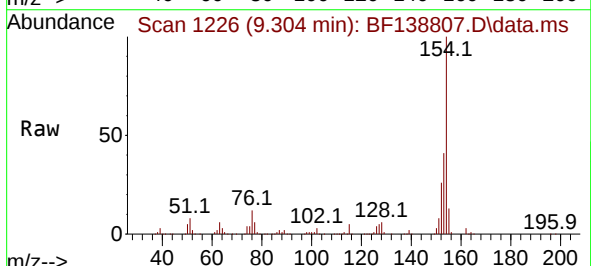
RT: 9.304 min Scan# 1226

Delta R.T. -0.000 min

Lab File: BF138807.D

Acq: 06 Aug 2024 13:50

Tgt Ion:	154	Resp:	395824
Ion Ratio	Lower	Upper	
154	100		
153	41.2	20.8	60.8
76	11.6	0.0	32.8





#47

2-Chloronaphthalene

Concen: 43.985 ng

RT: 9.328 min Scan# 1230

Delta R.T. -0.000 min

Lab File: BF138807.D

Acq: 06 Aug 2024 13:50

Instrument :

BNA_F

ClientSampleId :

PB162473BS

Tgt Ion:162 Resp: 31264

Ion Ratio Lower Upper

162 100

127 44.0 35.4 53.2

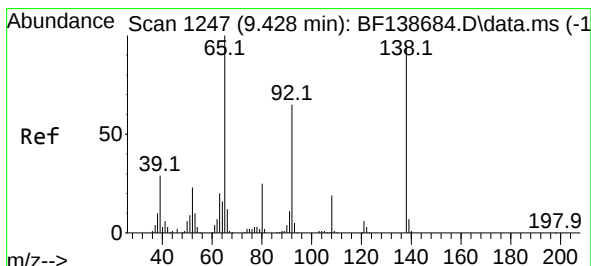
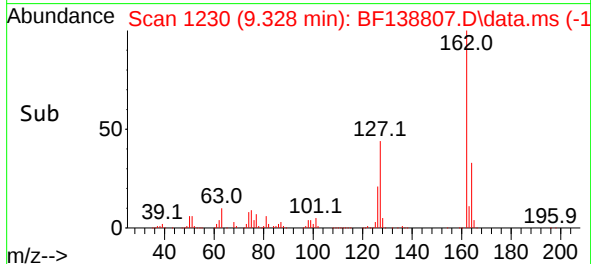
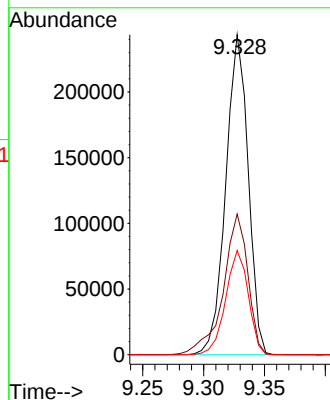
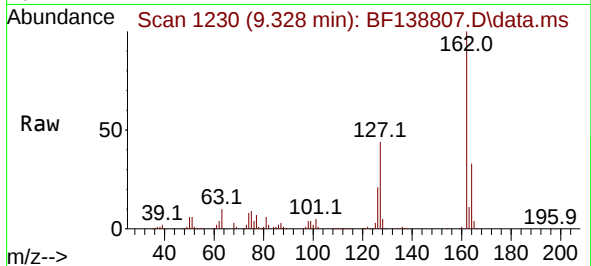
164 32.5 25.6 38.4

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 08/07/2024

Supervised By :mohammad ahmed 08/08/2024



#48

2-Nitroaniline

Concen: 45.103 ng

RT: 9.433 min Scan# 1248

Delta R.T. 0.006 min

Lab File: BF138807.D

Acq: 06 Aug 2024 13:50

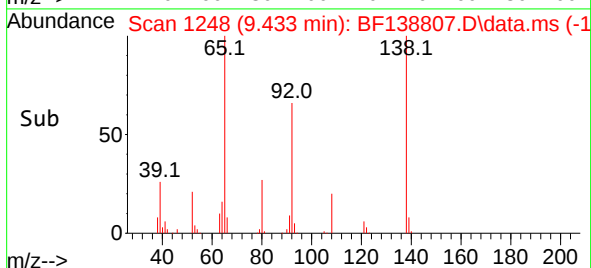
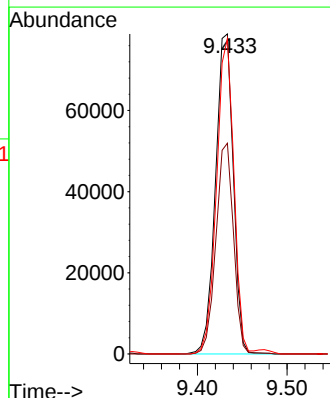
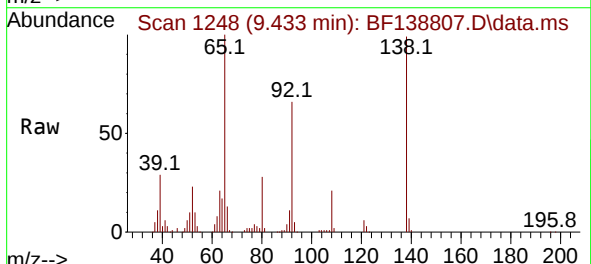
Tgt Ion: 65 Resp: 108685

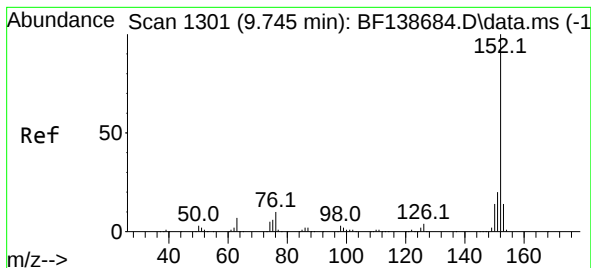
Ion Ratio Lower Upper

65 100

92 65.8 52.0 78.0

138 98.6 76.2 114.4





#49

Acenaphthylene

Concen: 48.612 ng

RT: 9.745 min Scan# 11

Delta R.T. -0.000 min

Lab File: BF138807.D

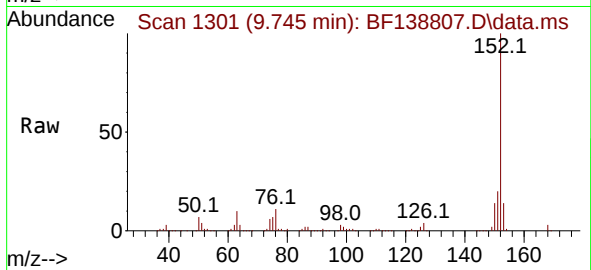
Acq: 06 Aug 2024 13:50

Instrument :

BNA_F

ClientSampleId :

PB162473BS



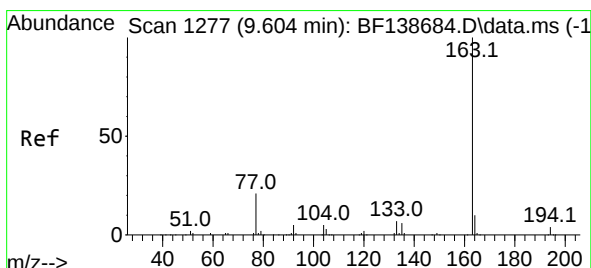
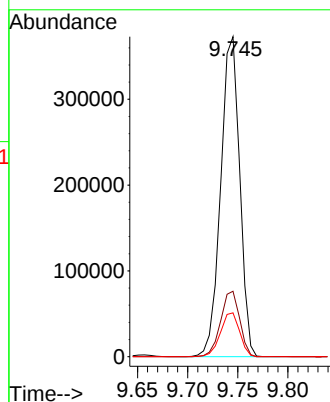
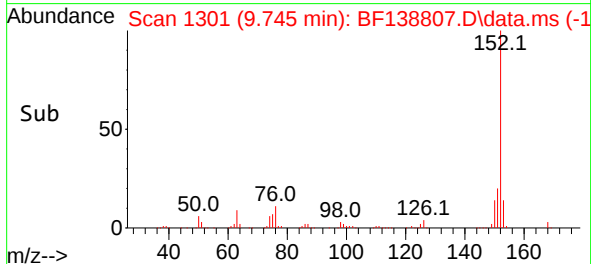
Tgt Ion:	152	Resp:	49007
Ion Ratio	Lower	Upper	
152	100		
151	20.5	16.0	24.0
153	13.7	11.0	16.4

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 08/07/2024

Supervised By :mohammad ahmed 08/08/2024



#50

Dimethylphthalate

Concen: 48.028 ng

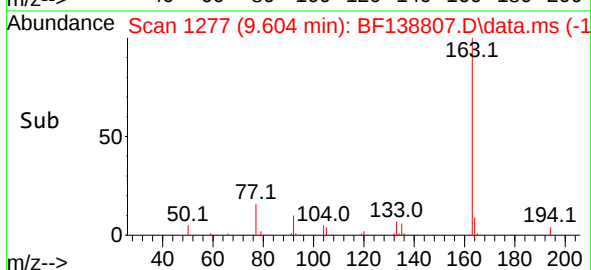
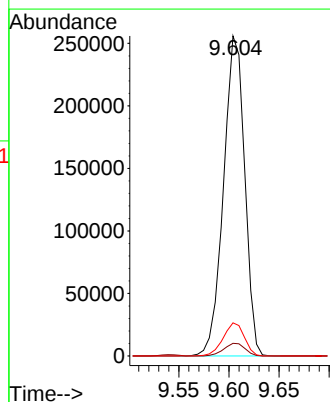
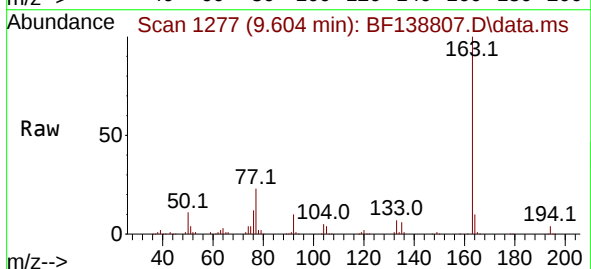
RT: 9.604 min Scan# 1277

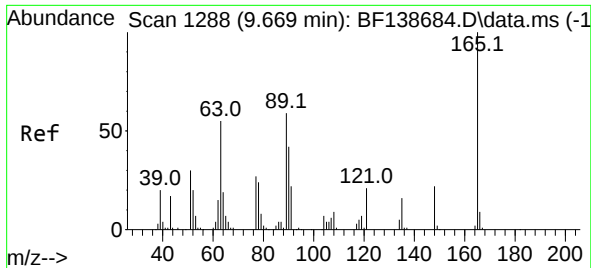
Delta R.T. -0.000 min

Lab File: BF138807.D

Acq: 06 Aug 2024 13:50

Tgt Ion:	163	Resp:	374753
Ion Ratio	Lower	Upper	
163	100		
194	4.0	3.1	4.7
164	10.4	7.8	11.8





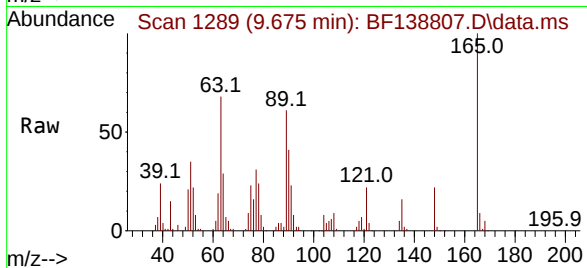
#51
2,6-Dinitrotoluene
Concen: 46.456 ng
RT: 9.675 min Scan# 1288
Delta R.T. 0.006 min
Lab File: BF138807.D
Acq: 06 Aug 2024 13:50

Instrument :

BNA_F

ClientSampleId :

PB162473BS

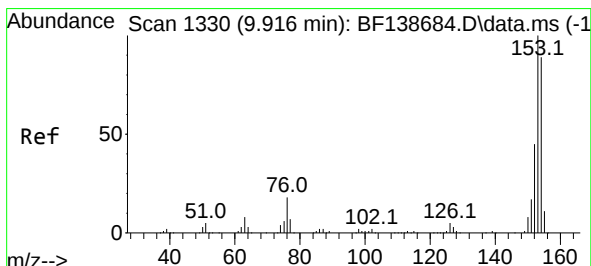
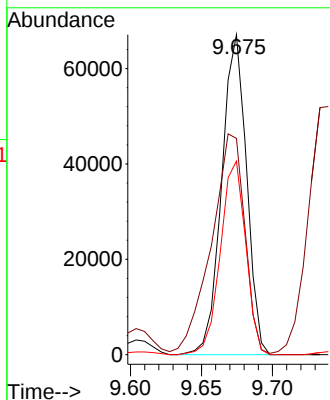
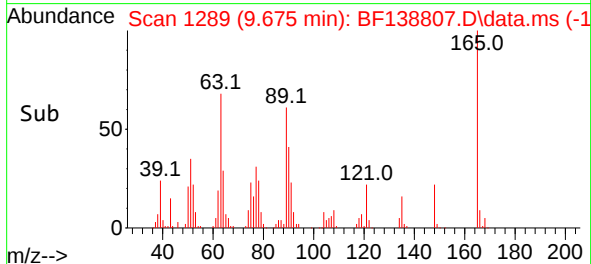


Tgt Ion:165 Resp: 81800
Ion Ratio Lower Upper
165 100
63 67.6 52.0 78.0
89 60.5 47.0 70.6

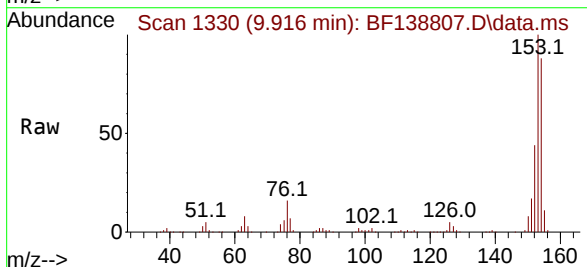
Manual Integrations

APPROVED

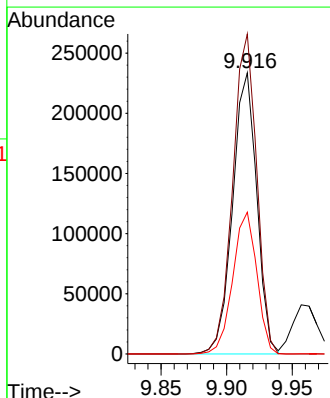
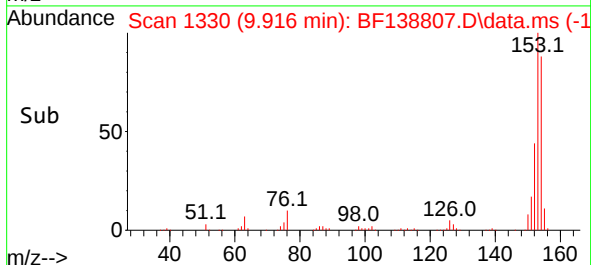
Reviewed By :Yogesh Patel 08/07/2024
Supervised By :mohammad ahmed 08/08/2024

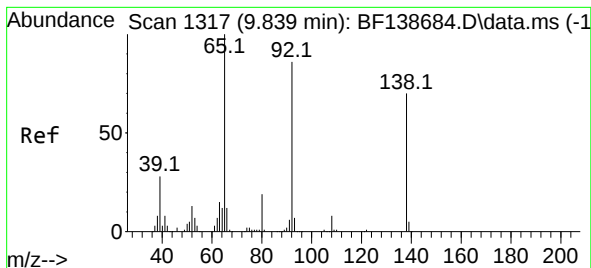


#52
Acenaphthene
Concen: 44.217 ng
RT: 9.916 min Scan# 1330
Delta R.T. -0.000 min
Lab File: BF138807.D
Acq: 06 Aug 2024 13:50



Tgt Ion:154 Resp: 299651
Ion Ratio Lower Upper
154 100
153 113.8 89.9 134.9
152 50.4 40.6 60.8





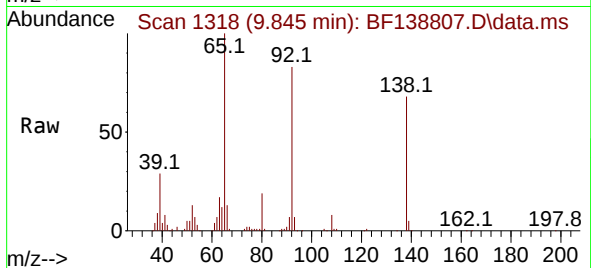
#53
3-Nitroaniline
Concen: 30.280 ng
RT: 9.845 min Scan# 11
Delta R.T. 0.006 min
Lab File: BF138807.D
Acq: 06 Aug 2024 13:50

Instrument :

BNA_F

ClientSampleId :

PB162473BS

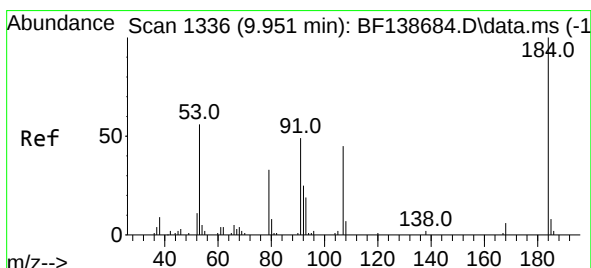
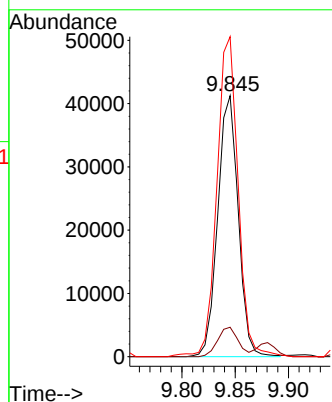
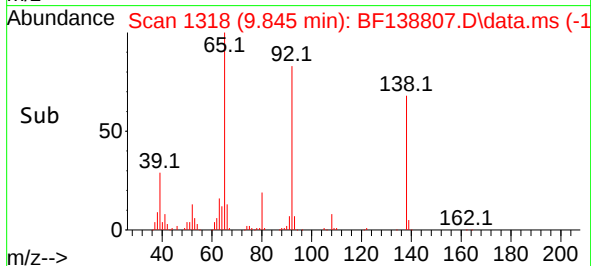


Tgt Ion:138 Resp: 5512
Ion Ratio Lower Upper
138 100
108 11.2 9.1 13.7
92 122.6 98.7 148.1

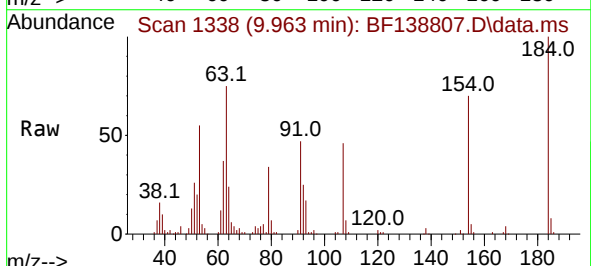
Manual Integrations

APPROVED

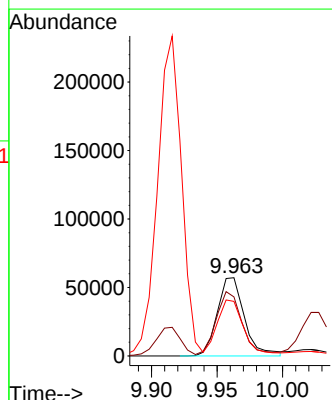
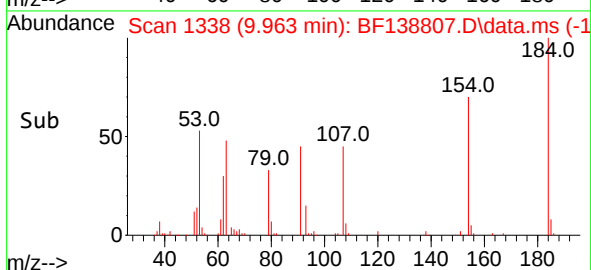
Reviewed By :Yogesh Patel 08/07/2024
Supervised By :mohammad ahmed 08/08/2024



#54
2,4-Dinitrophenol
Concen: 101.371 ng
RT: 9.963 min Scan# 1338
Delta R.T. 0.012 min
Lab File: BF138807.D
Acq: 06 Aug 2024 13:50



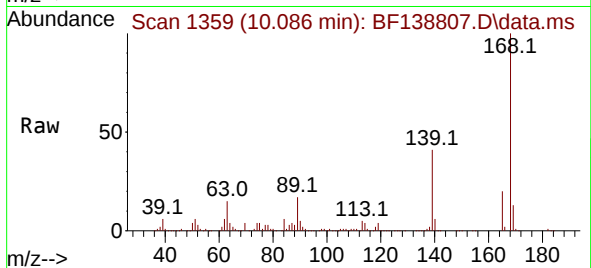
Tgt Ion:184 Resp: 82173
Ion Ratio Lower Upper
184 100
63 75.4 57.5 86.3
154 69.7 51.7 77.5





#55
Dibenzenofuran
Concen: 46.394 ng
RT: 10.086 min Scan# 1359
Delta R.T. -0.000 min
Lab File: BF138807.D
Acq: 06 Aug 2024 13:50

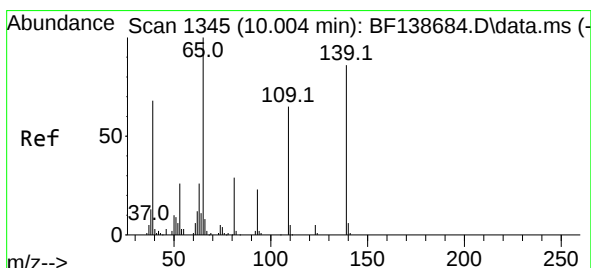
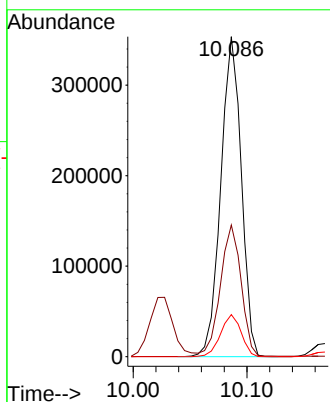
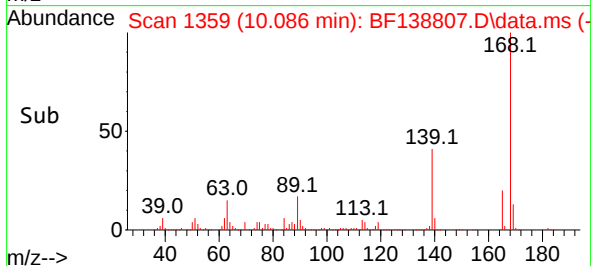
Instrument :
BNA_F
ClientSampleId :
PB162473BS



Tgt Ion:168 Resp: 44381
Ion Ratio Lower Upper
168 100
139 41.1 32.6 49.0
169 13.1 10.7 16.1

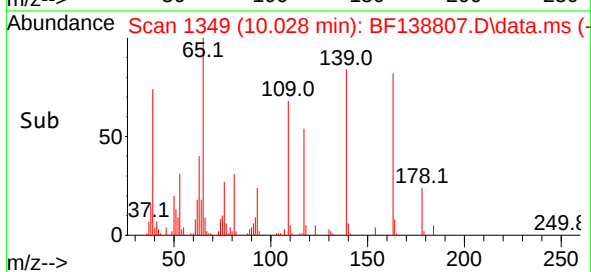
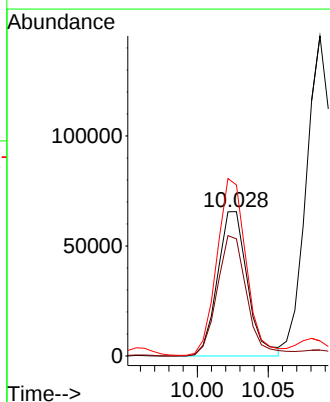
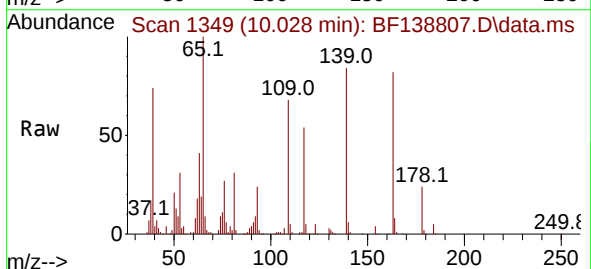
Manual Integrations
APPROVED

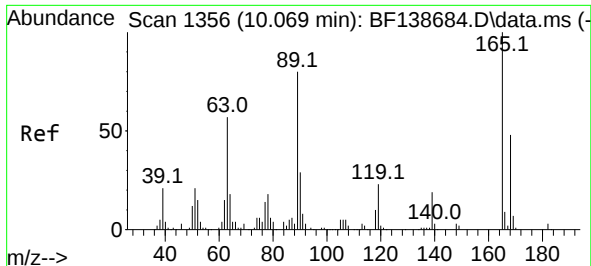
Reviewed By :Yogesh Patel 08/07/2024
Supervised By :mohammad ahmed 08/08/2024



#56
4-Nitrophenol
Concen: 87.501 ng
RT: 10.028 min Scan# 1349
Delta R.T. 0.024 min
Lab File: BF138807.D
Acq: 06 Aug 2024 13:50

Tgt Ion:139 Resp: 95788
Ion Ratio Lower Upper
139 100
109 81.2 55.5 95.5
65 118.6 96.7 136.7





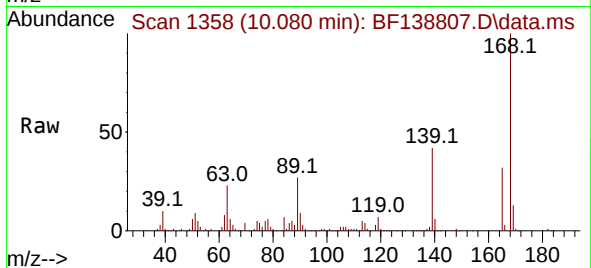
#57
2,4-Dinitrotoluene
Concen: 49.017 ng
RT: 10.080 min Scan# 1356
Delta R.T. 0.012 min
Lab File: BF138807.D
Acq: 06 Aug 2024 13:50

Instrument :

BNA_F

ClientSampleId :

PB162473BS



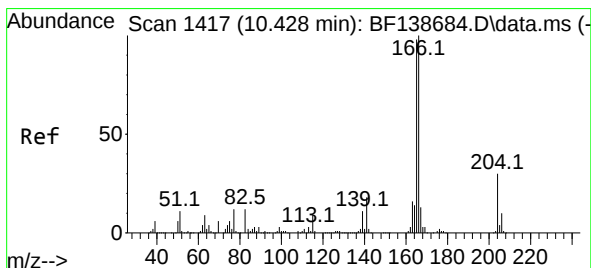
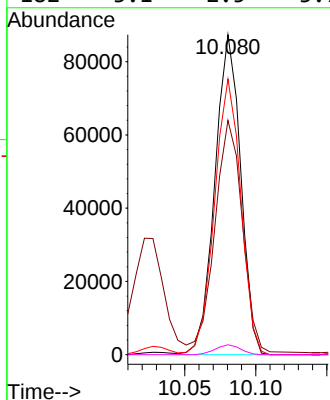
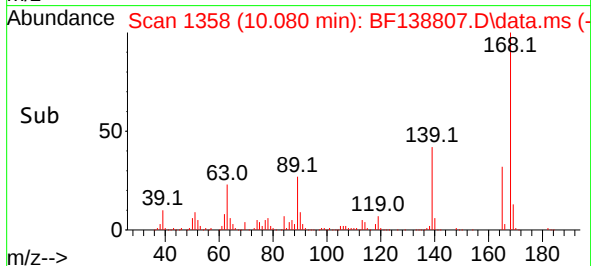
Tgt Ion:165 Resp: 110120
Ion Ratio Lower Upper
165 100
63 73.2 46.3 69.5
89 86.1 64.2 96.4
182 3.1 2.5 3.7

Manual Integrations

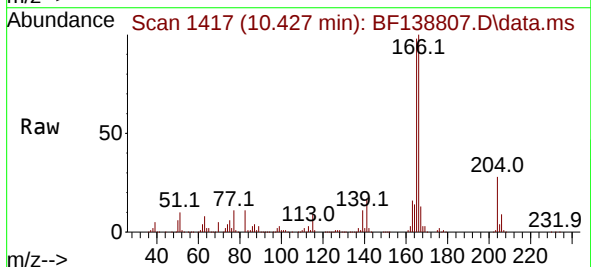
APPROVED

Reviewed By :Yogesh Patel 08/07/2024

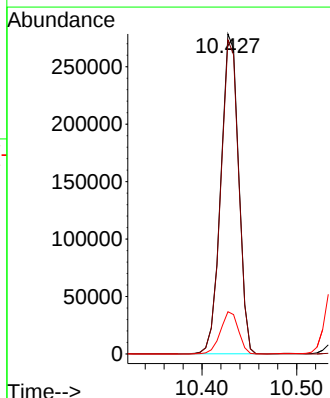
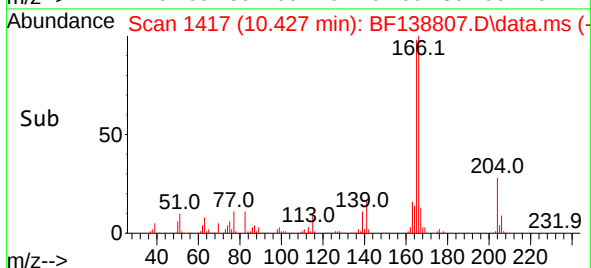
Supervised By :mohammad ahmed 08/08/2024



#58
Fluorene
Concen: 47.757 ng
RT: 10.427 min Scan# 1417
Delta R.T. -0.000 min
Lab File: BF138807.D
Acq: 06 Aug 2024 13:50



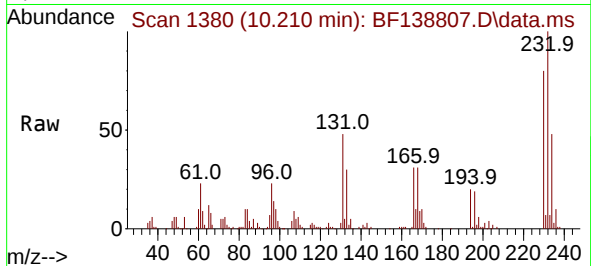
Tgt Ion:166 Resp: 363805
Ion Ratio Lower Upper
166 100
165 98.1 78.4 117.6
167 13.2 10.6 16.0





#59
2,3,4,6-Tetrachlorophenol
Concen: 49.277 ng
RT: 10.210 min Scan# 1380
Delta R.T. 0.006 min
Lab File: BF138807.D
Acq: 06 Aug 2024 13:50

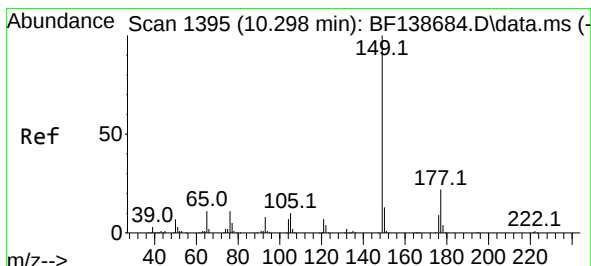
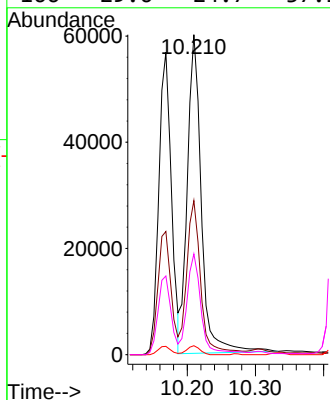
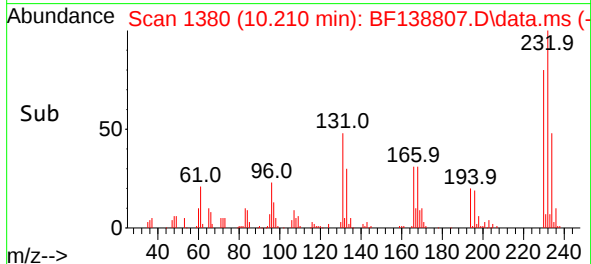
Instrument :
BNA_F
ClientSampleId :
PB162473BS



Tgt Ion:232 Resp: 8512
Ion Ratio Lower Upper
232 100
131 47.4 37.0 55.4
130 2.6 2.0 3.0
166 29.6 24.7 37.1

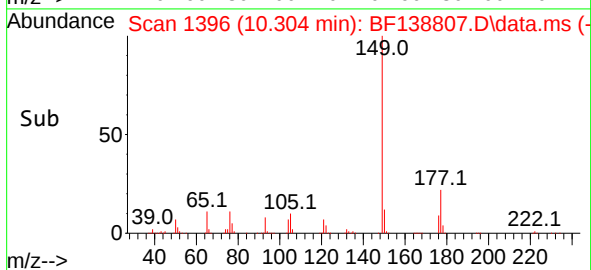
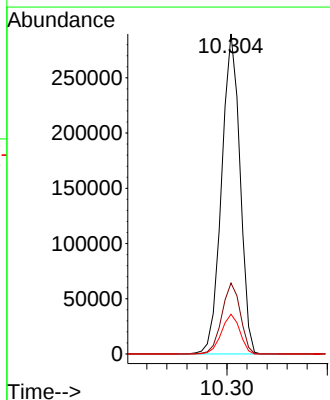
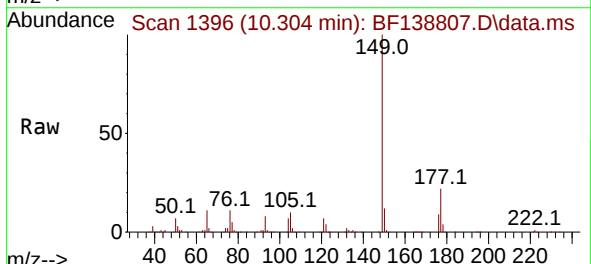
Manual Integrations
APPROVED

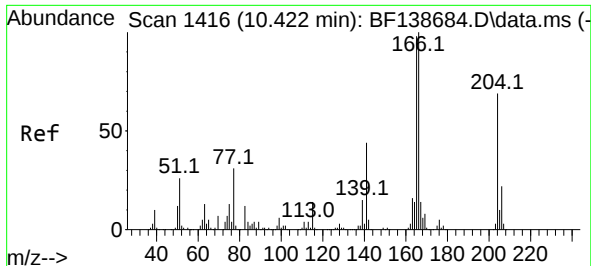
Reviewed By :Yogesh Patel 08/07/2024
Supervised By :mohammad ahmed 08/08/2024



#60
Diethylphthalate
Concen: 49.825 ng
RT: 10.304 min Scan# 1396
Delta R.T. 0.006 min
Lab File: BF138807.D
Acq: 06 Aug 2024 13:50

Tgt Ion:149 Resp: 368621
Ion Ratio Lower Upper
149 100
177 22.2 17.8 26.8
150 12.4 10.1 15.1





#61
4-Chlorophenyl-phenylether
Concen: 47.647 ng
RT: 10.416 min Scan# 1416
Delta R.T. -0.006 min
Lab File: BF138807.D
Acq: 06 Aug 2024 13:50

Instrument :

BNA_F

ClientSampleId :

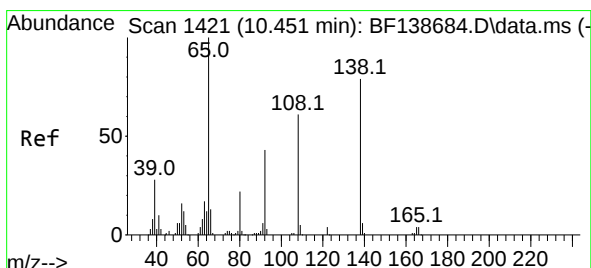
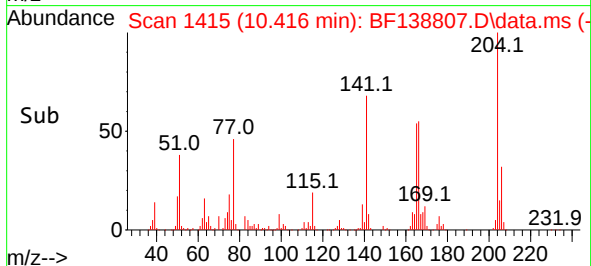
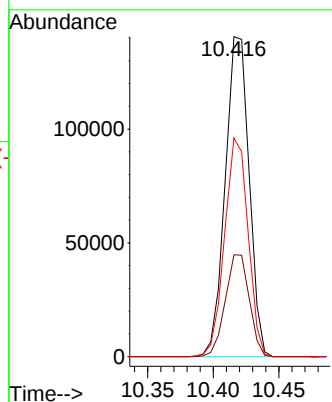
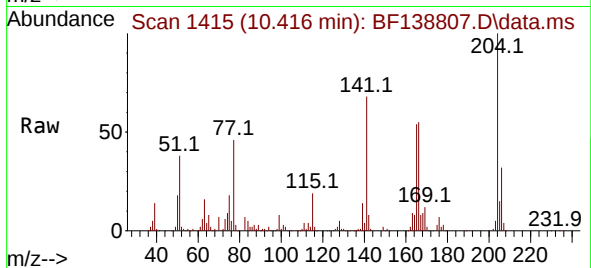
PB162473BS

Tgt Ion:204 Resp: 178510
Ion Ratio Lower Upper
204 100
206 31.9 26.1 39.1
141 68.4 51.4 77.0

Manual Integrations

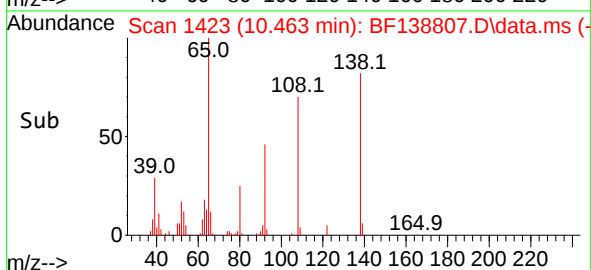
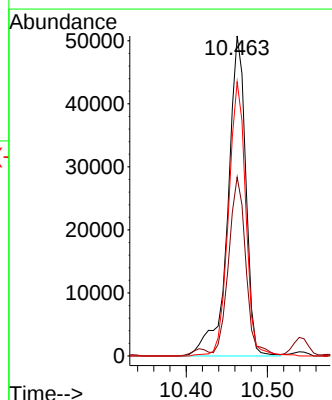
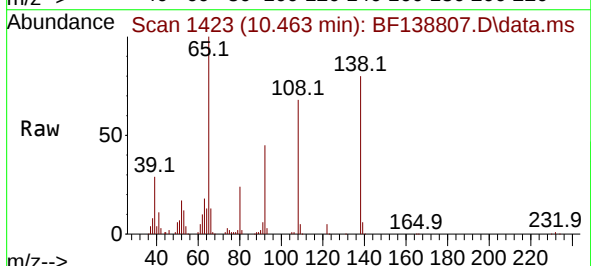
APPROVED

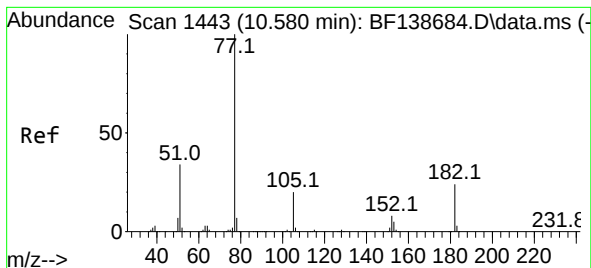
Reviewed By :Yogesh Patel 08/07/2024
Supervised By :mohammad ahmed 08/08/2024



#62
4-Nitroaniline
Concen: 45.156 ng
RT: 10.463 min Scan# 1423
Delta R.T. 0.012 min
Lab File: BF138807.D
Acq: 06 Aug 2024 13:50

Tgt Ion:138 Resp: 78118
Ion Ratio Lower Upper
138 100
92 55.9 34.2 74.2
108 85.7 56.2 96.2





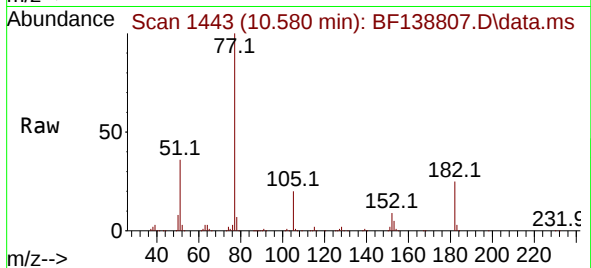
#63
Azobenzene
Concen: 45.490 ng
RT: 10.580 min Scan# 1443
Delta R.T. -0.000 min
Lab File: BF138807.D
Acq: 06 Aug 2024 13:50

Instrument :

BNA_F

ClientSampleId :

PB162473BS



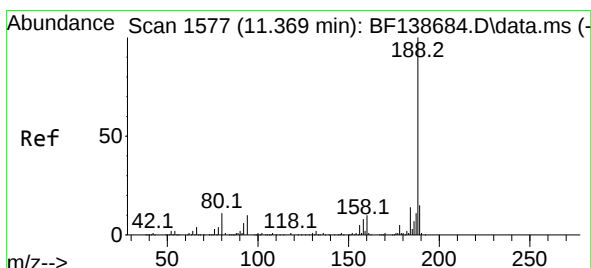
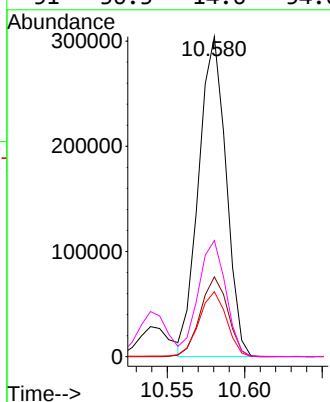
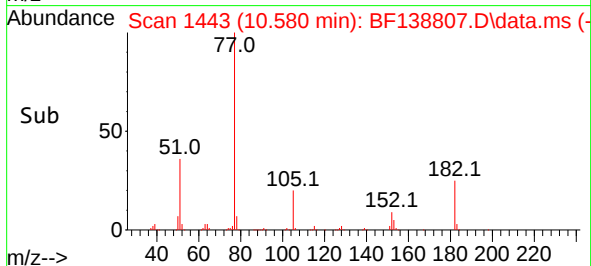
Tgt Ion: 77 Resp: 37327
Ion Ratio Lower Upper
77 100
182 25.0 3.4 43.4
105 20.3 0.2 40.2
51 36.3 14.6 54.6

Manual Integrations

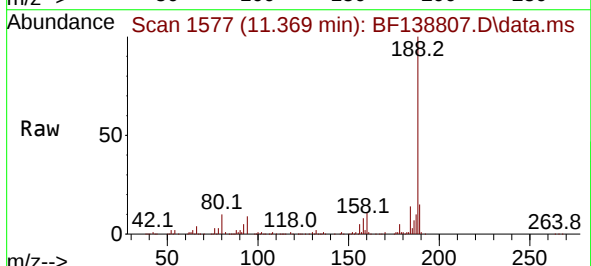
APPROVED

Reviewed By :Yogesh Patel 08/07/2024

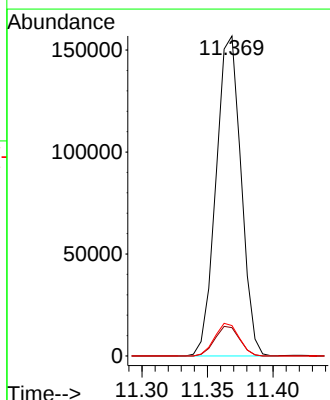
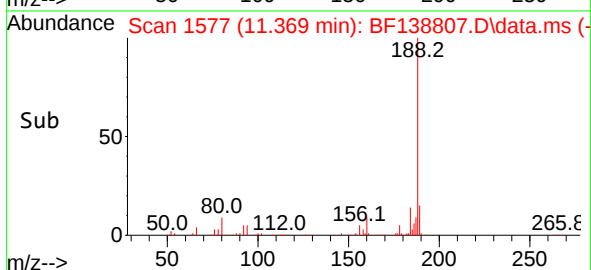
Supervised By :mohammad ahmed 08/08/2024

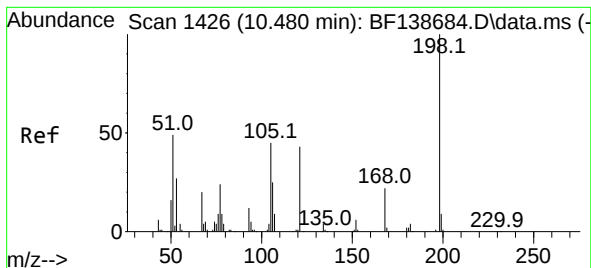


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.369 min Scan# 1577
Delta R.T. -0.000 min
Lab File: BF138807.D
Acq: 06 Aug 2024 13:50



Tgt Ion:188 Resp: 208053
Ion Ratio Lower Upper
188 100
94 8.9 7.6 11.4
80 9.5 8.6 12.8





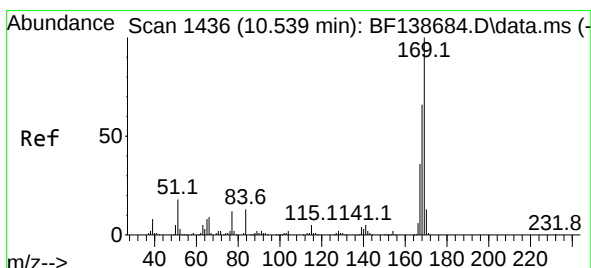
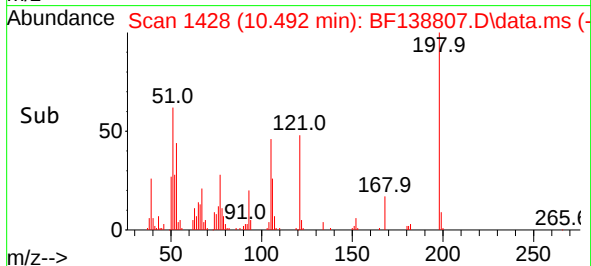
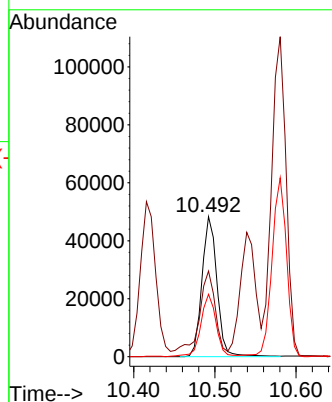
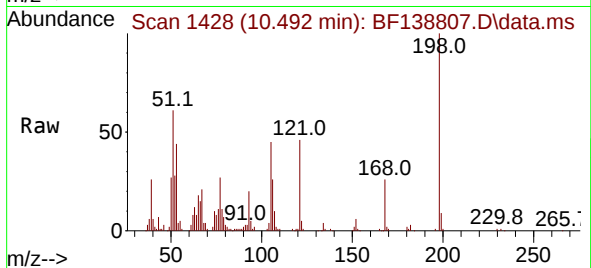
#65
4,6-Dinitro-2-methylphenol
Concen: 48.879 ng
RT: 10.492 min Scan# 1426
Delta R.T. 0.012 min
Lab File: BF138807.D
Acq: 06 Aug 2024 13:50

Instrument :
BNA_F
ClientSampleId :
PB162473BS

Tgt Ion:198 Resp: 6204
Ion Ratio Lower Upper
198 100
51 61.2 39.9 79.9
105 44.6 26.1 66.1

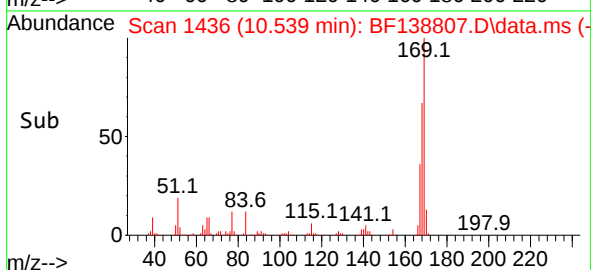
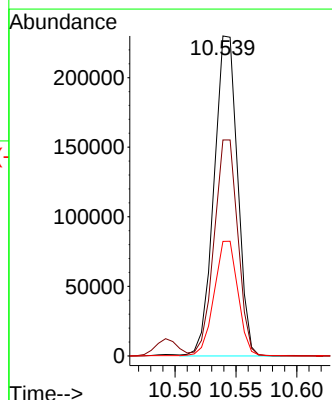
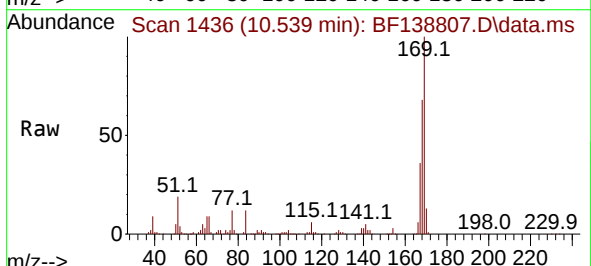
Manual Integrations
APPROVED

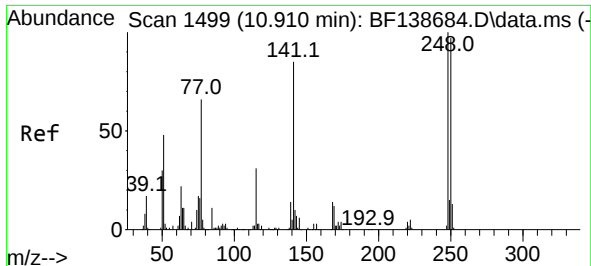
Reviewed By :Yogesh Patel 08/07/2024
Supervised By :mohammad ahmed 08/08/2024



#66
n-Nitrosodiphenylamine
Concen: 47.502 ng
RT: 10.539 min Scan# 1436
Delta R.T. -0.000 min
Lab File: BF138807.D
Acq: 06 Aug 2024 13:50

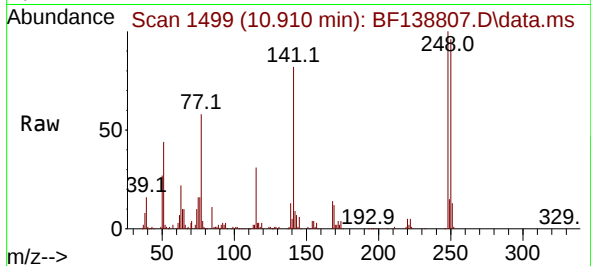
Tgt Ion:169 Resp: 308920
Ion Ratio Lower Upper
169 100
168 67.5 53.0 79.6
167 35.8 29.0 43.6





#67
4-Bromophenyl-phenylether
Concen: 46.563 ng
RT: 10.910 min Scan# 1499
Delta R.T. -0.000 min
Lab File: BF138807.D
Acq: 06 Aug 2024 13:50

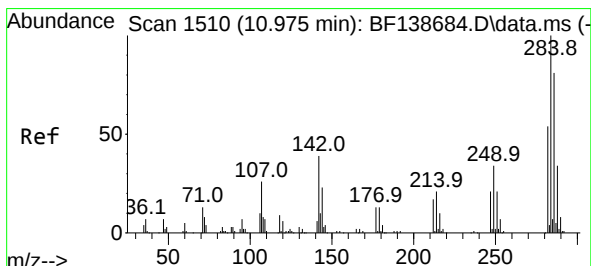
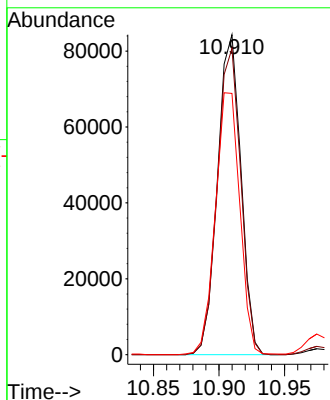
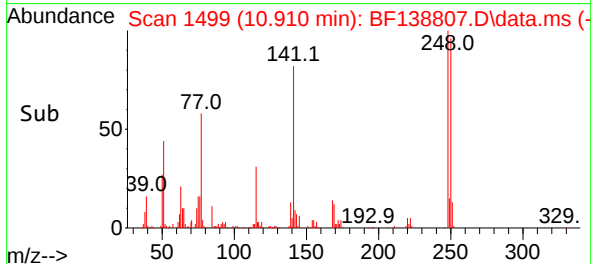
Instrument :
BNA_F
ClientSampleId :
PB162473BS



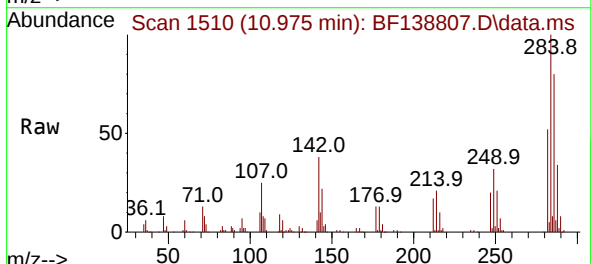
Tgt Ion:248 Resp: 104880
Ion Ratio Lower Upper
248 100
250 95.7 77.7 116.5
141 81.7 68.0 102.0

Manual Integrations
APPROVED

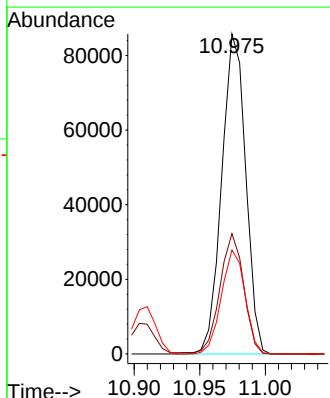
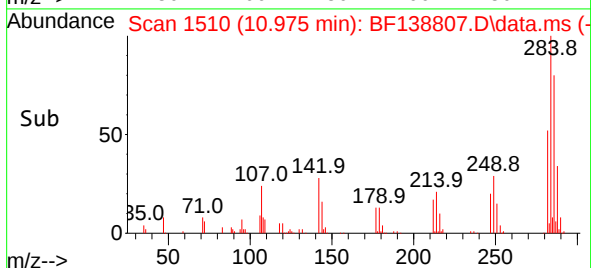
Reviewed By :Yogesh Patel 08/07/2024
Supervised By :mohammad ahmed 08/08/2024



#68
Hexachlorobenzene
Concen: 46.803 ng
RT: 10.975 min Scan# 1510
Delta R.T. -0.000 min
Lab File: BF138807.D
Acq: 06 Aug 2024 13:50



Tgt Ion:284 Resp: 108853
Ion Ratio Lower Upper
284 100
142 37.6 31.3 46.9
249 32.5 27.2 40.8





#69

Atrazine

Concen: 55.596 ng

RT: 11.069 min Scan# 1525

Delta R.T. 0.006 min

Lab File: BF138807.D

Acq: 06 Aug 2024 13:50

Instrument :

BNA_F

ClientSampleId :

PB162473BS

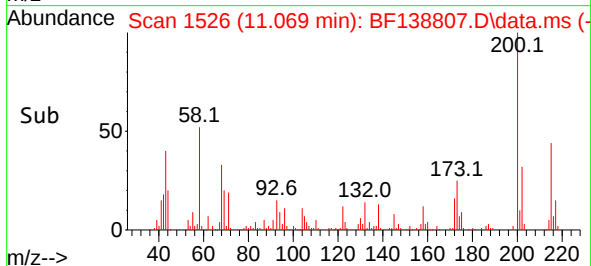
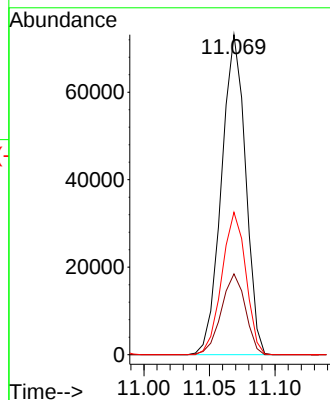
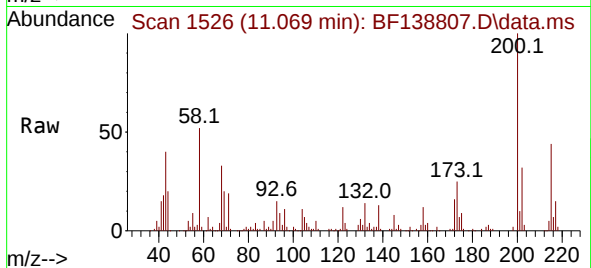
Tgt Ion:200 Resp: 9328
Ion Ratio Lower Upper
200 100
173 25.2 6.0 46.0
215 44.5 26.1 66.1

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 08/07/2024

Supervised By :mohammad ahmed 08/08/2024



#70

Pentachlorophenol

Concen: 85.970 ng

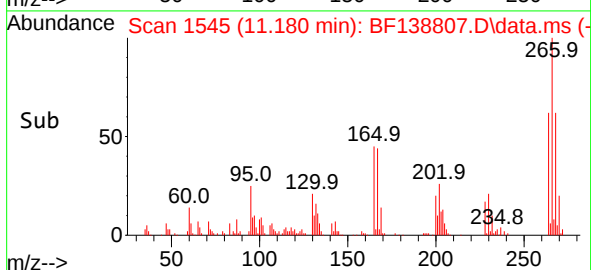
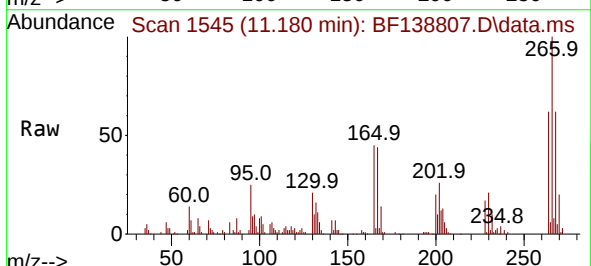
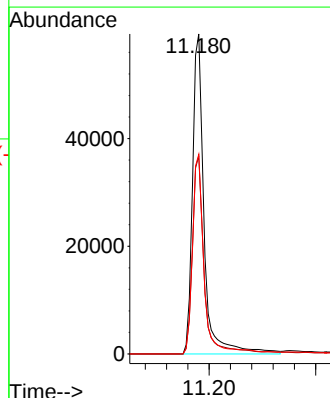
RT: 11.180 min Scan# 1545

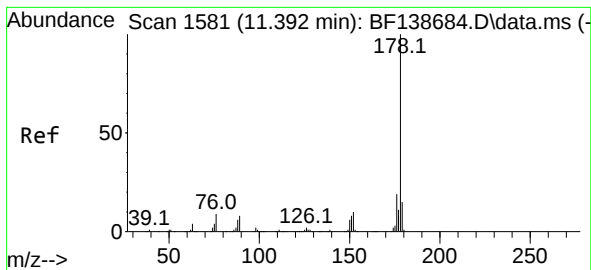
Delta R.T. 0.005 min

Lab File: BF138807.D

Acq: 06 Aug 2024 13:50

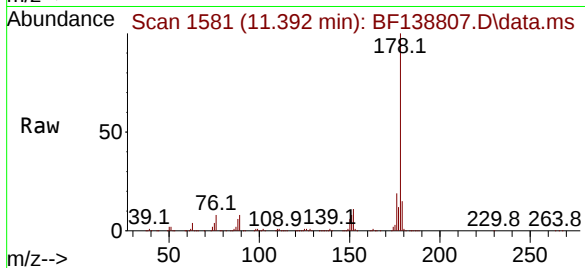
Tgt Ion:266 Resp: 90125
Ion Ratio Lower Upper
266 100
268 61.8 49.2 73.8
264 62.3 49.8 74.6





#71
Phenanthrene
Concen: 48.132 ng
RT: 11.392 min Scan# 1139
Delta R.T. -0.000 min
Lab File: BF138807.D
Acq: 06 Aug 2024 13:50

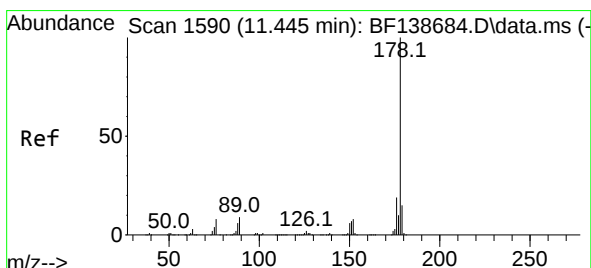
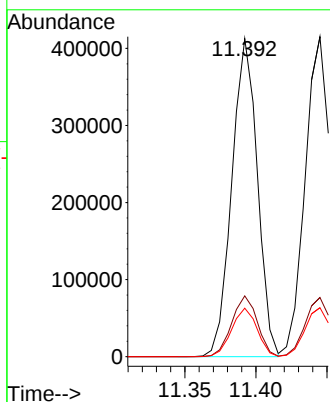
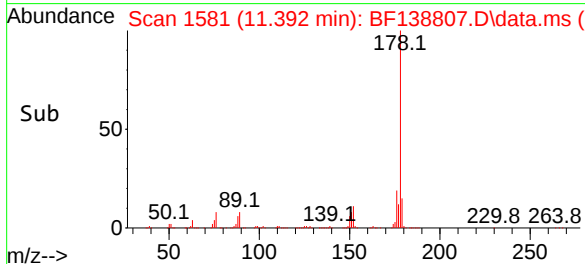
Instrument :
BNA_F
ClientSampleId :
PB162473BS



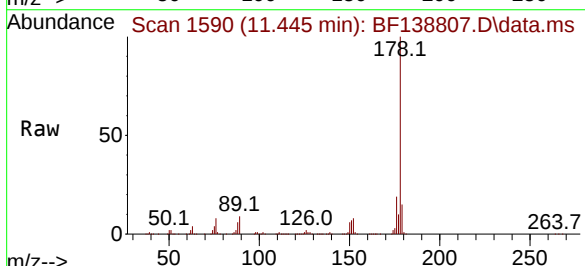
Tgt Ion:178 Resp: 51564
Ion Ratio Lower Upper
178 100
176 19.1 15.4 23.0
179 15.2 12.2 18.2

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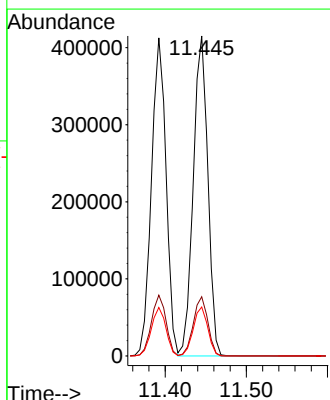
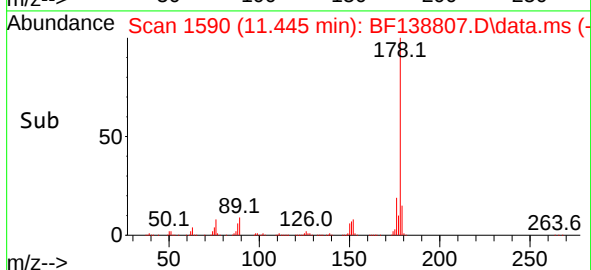
Reviewed By :Yogesh Patel 08/07/2024
Supervised By :mohammad ahmed 08/08/2024

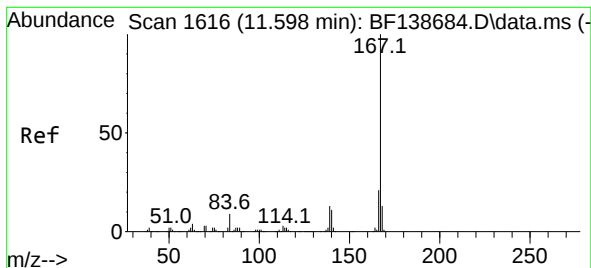


#72
Anthracene
Concen: 49.175 ng
RT: 11.445 min Scan# 1590
Delta R.T. -0.000 min
Lab File: BF138807.D
Acq: 06 Aug 2024 13:50



Tgt Ion:178 Resp: 518986
Ion Ratio Lower Upper
178 100
176 18.5 14.9 22.3
179 15.3 12.4 18.6





#73

Carbazole

Concen: 47.882 ng

RT: 11.598 min Scan# 1616

Delta R.T. -0.000 min

Lab File: BF138807.D

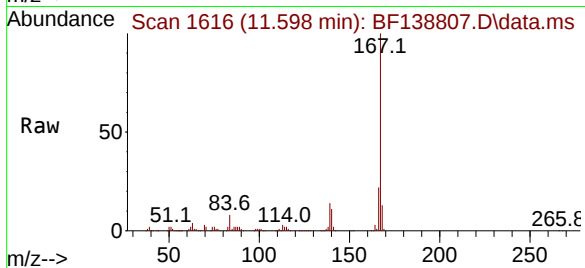
Acq: 06 Aug 2024 13:50

Instrument :

BNA_F

ClientSampleId :

PB162473BS



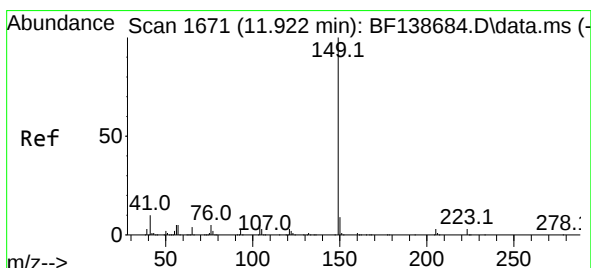
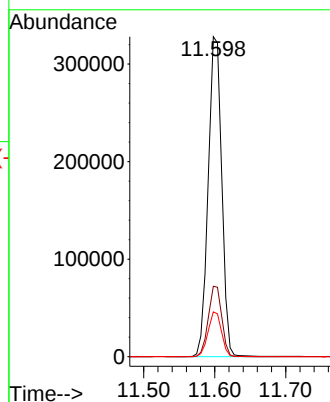
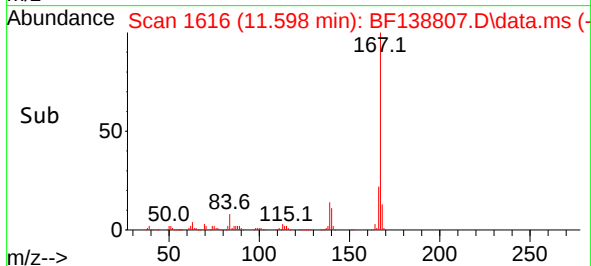
Tgt Ion:	167	Resp:	435984
Ion Ratio	Lower	Upper	
167	100		
166	22.0	17.2	25.8
139	14.0	10.6	16.0

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 08/07/2024

Supervised By :mohammad ahmed 08/08/2024



#74

Di-n-butylphthalate

Concen: 55.843 ng

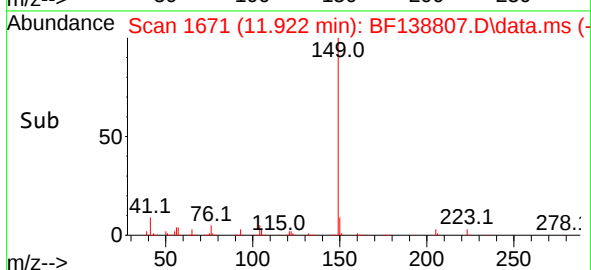
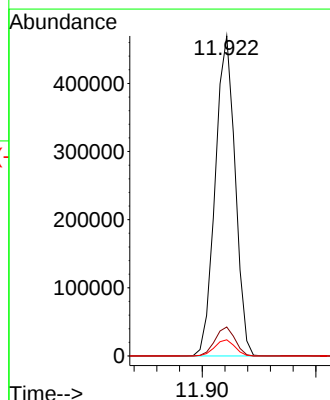
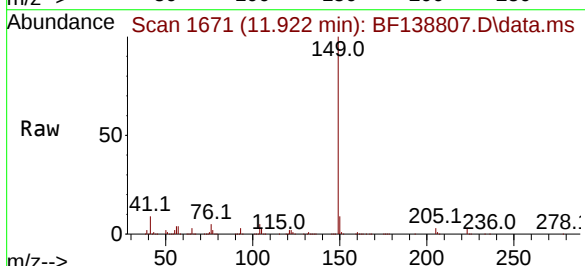
RT: 11.922 min Scan# 1671

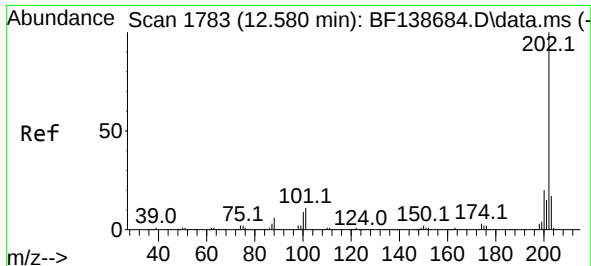
Delta R.T. -0.000 min

Lab File: BF138807.D

Acq: 06 Aug 2024 13:50

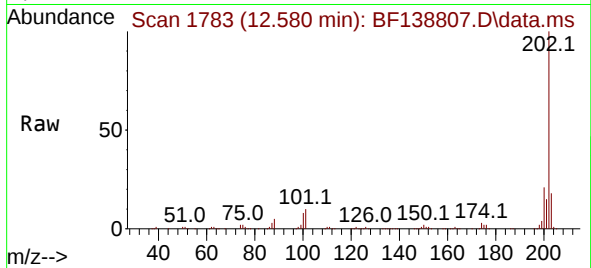
Tgt Ion:	149	Resp:	571600
Ion Ratio	Lower	Upper	
149	100		
150	9.0	7.4	11.0
104	5.0	4.1	6.1





#75
Fluoranthene
Concen: 48.725 ng
RT: 12.580 min Scan# 1783
Delta R.T. -0.000 min
Lab File: BF138807.D
Acq: 06 Aug 2024 13:50

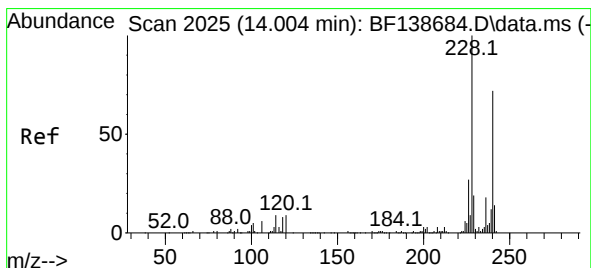
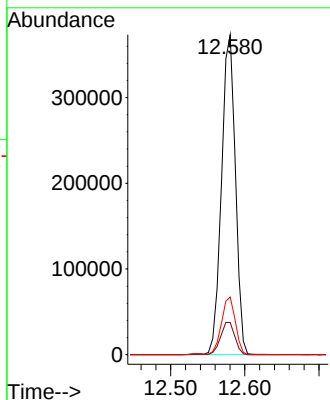
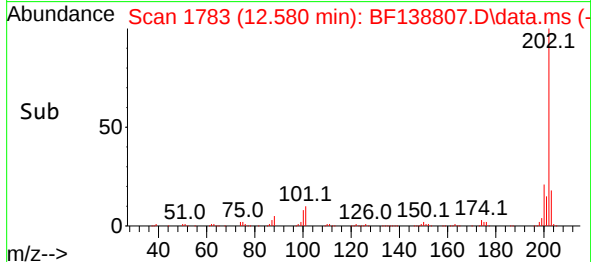
Instrument :
BNA_F
ClientSampleId :
PB162473BS



Tgt Ion:202 Resp: 48731
Ion Ratio Lower Upper
202 100
101 10.0 0.0 31.2
203 18.0 0.0 37.3

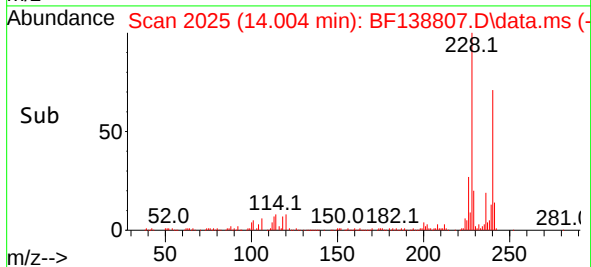
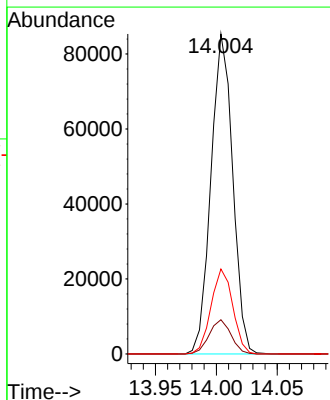
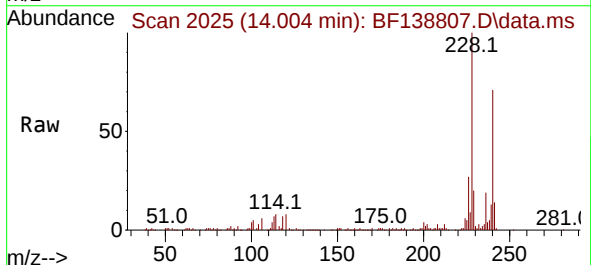
Manual Integrations
APPROVED

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



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.004 min Scan# 2025
Delta R.T. -0.000 min
Lab File: BF138807.D
Acq: 06 Aug 2024 13:50

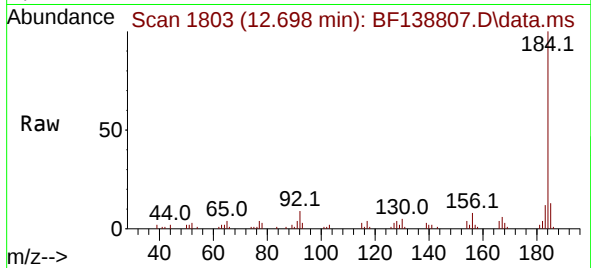
Tgt Ion:240 Resp: 105962
Ion Ratio Lower Upper
240 100
120 10.7 10.2 15.4
236 26.6 19.8 29.8





#77
Benzidine
Concen: 13.300 ng
RT: 12.698 min Scan# 1803
Delta R.T. -0.006 min
Lab File: BF138807.D
Acq: 06 Aug 2024 13:50

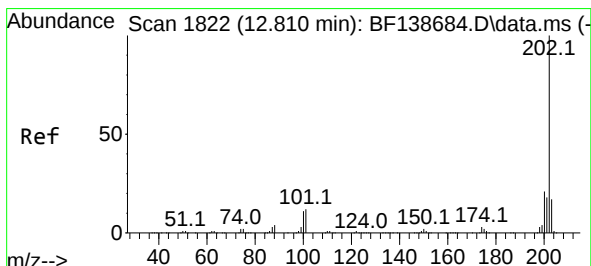
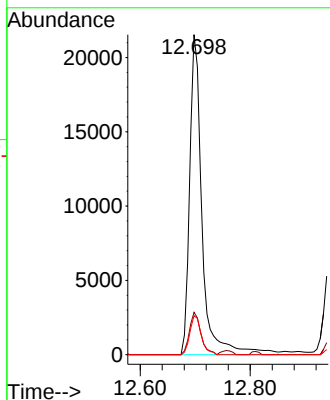
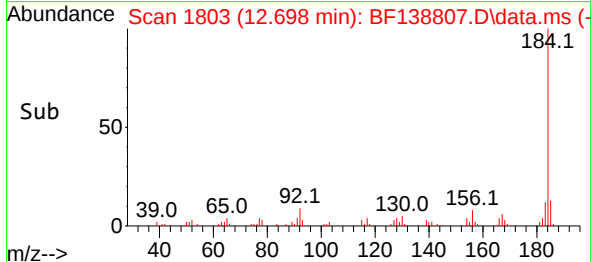
Instrument :
BNA_F
ClientSampleId :
PB162473BS



Tgt Ion:184 Resp: 33709
Ion Ratio Lower Upper
184 100
185 13.3 11.1 16.7
183 12.2 9.6 14.4

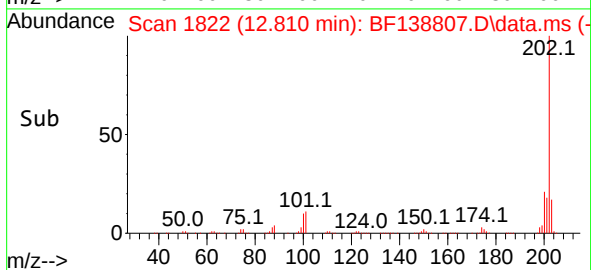
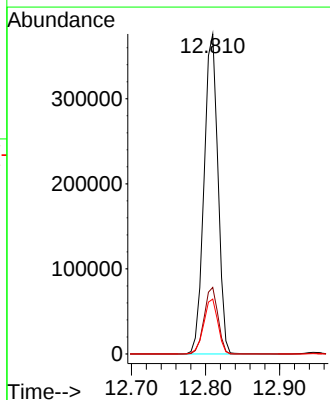
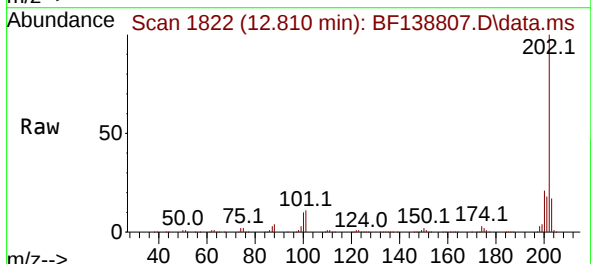
Manual Integrations
APPROVED

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



#78
Pyrene
Concen: 49.148 ng
RT: 12.810 min Scan# 1822
Delta R.T. -0.000 min
Lab File: BF138807.D
Acq: 06 Aug 2024 13:50

Tgt Ion:202 Resp: 490330
Ion Ratio Lower Upper
202 100
200 20.8 16.8 25.2
203 17.1 13.8 20.6





#79

Terphenyl-d14

Concen: 110.929 ng

RT: 12.945 min Scan# 11

Delta R.T. -0.000 min

Lab File: BF138807.D

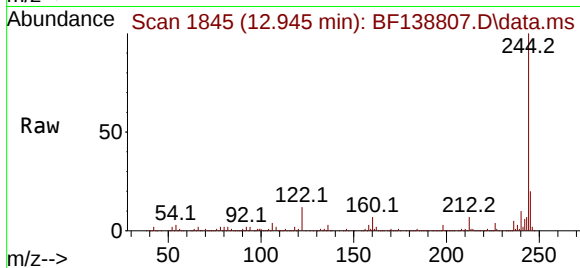
Acq: 06 Aug 2024 13:50

Instrument :

BNA_F

ClientSampleId :

PB162473BS



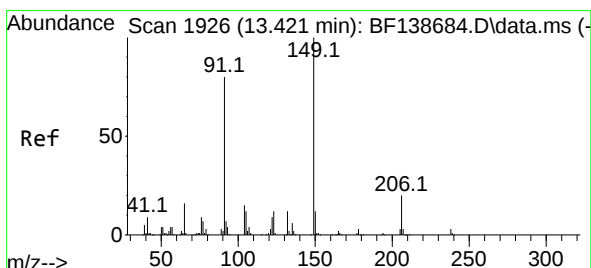
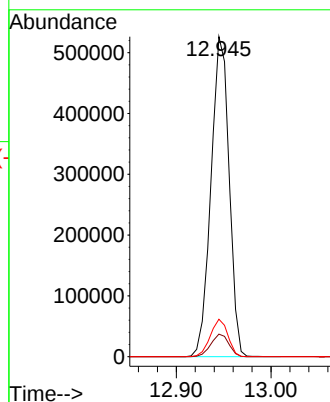
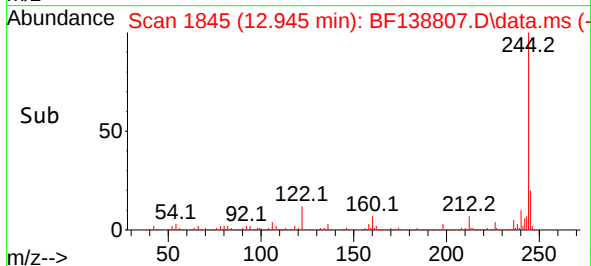
Tgt Ion:	244	Resp:	70205
Ion Ratio	Lower	Upper	
244	100		
212	7.0	5.4	8.2
122	11.7	9.6	14.4

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 08/07/2024

Supervised By :mohammad ahmed 08/08/2024



#80

Butylbenzylphthalate

Concen: 51.065 ng

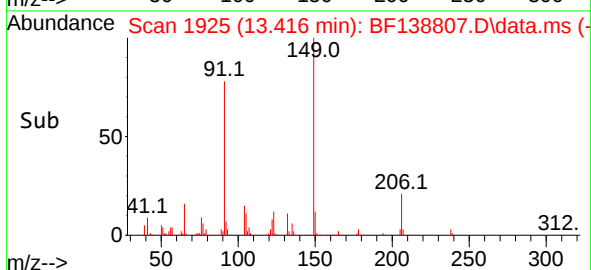
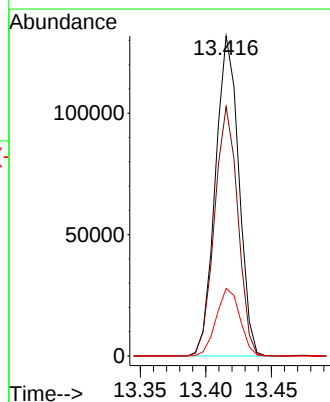
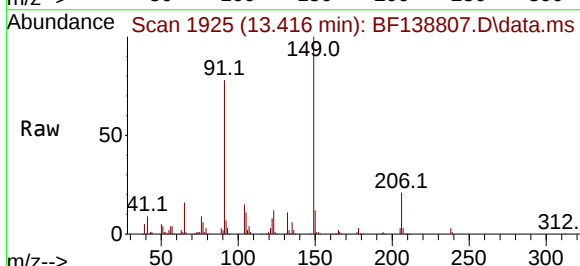
RT: 13.416 min Scan# 1925

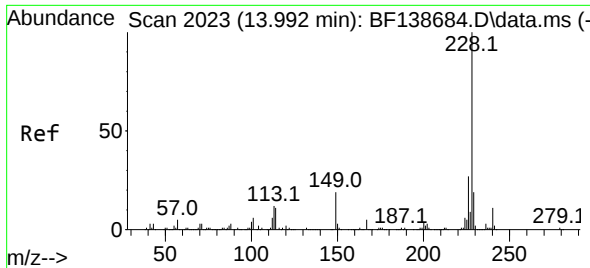
Delta R.T. -0.006 min

Lab File: BF138807.D

Acq: 06 Aug 2024 13:50

Tgt Ion:	149	Resp:	163144
Ion Ratio	Lower	Upper	
149	100		
91	77.9	63.7	95.5
206	21.1	16.2	24.2





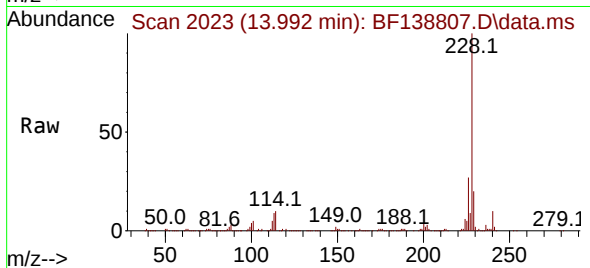
#81
Benzo(a)anthracene
Concen: 46.203 ng
RT: 13.992 min Scan# 2023
Delta R.T. -0.000 min
Lab File: BF138807.D
Acq: 06 Aug 2024 13:50

Instrument :

BNA_F

ClientSampleId :

PB162473BS



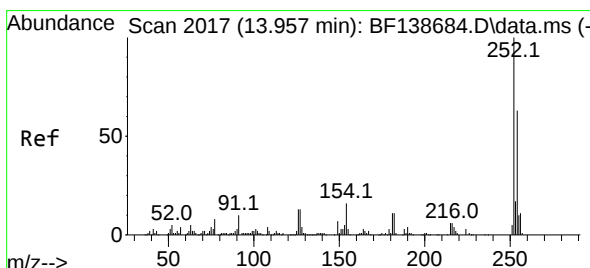
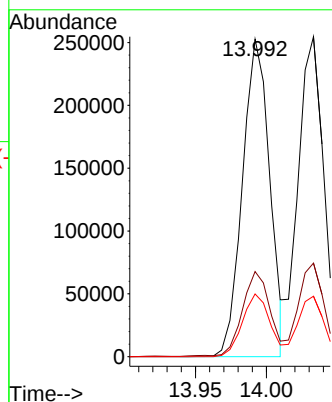
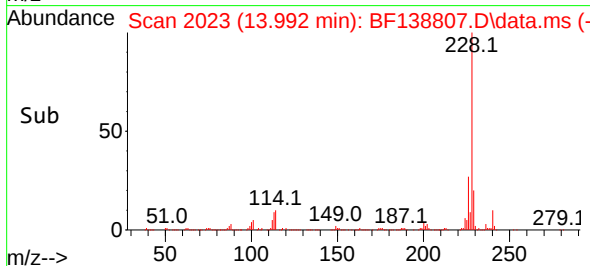
Tgt Ion:228 Resp: 33713
Ion Ratio Lower Upper
228 100
226 26.8 22.1 33.1
229 19.7 15.4 23.0

Manual Integrations

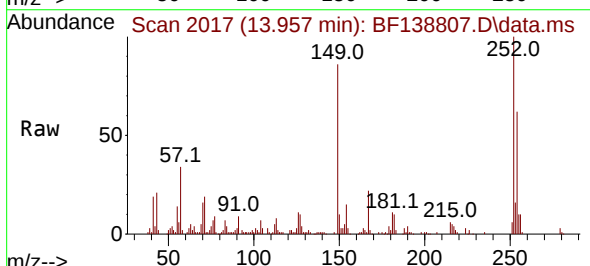
APPROVED

Reviewed By :Yogesh Patel 08/07/2024

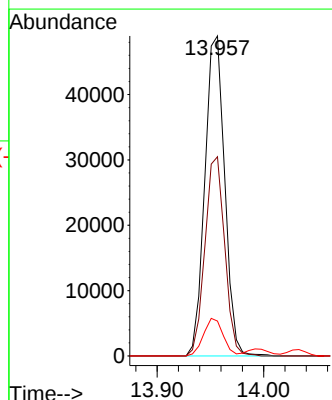
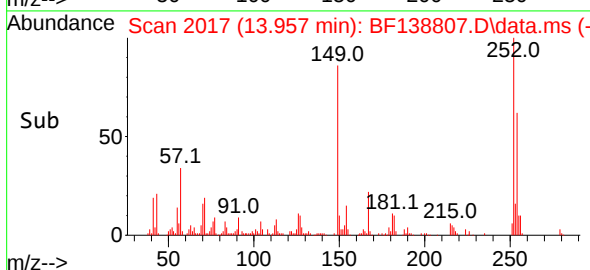
Supervised By :mohammad ahmed 08/08/2024

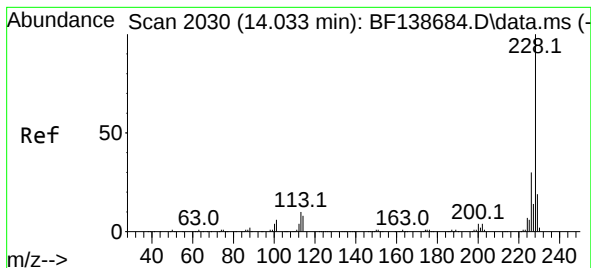


#82
3,3'-Dichlorobenzidine
Concen: 34.099 ng
RT: 13.957 min Scan# 2017
Delta R.T. -0.000 min
Lab File: BF138807.D
Acq: 06 Aug 2024 13:50



Tgt Ion:252 Resp: 63673
Ion Ratio Lower Upper
252 100
254 62.3 50.8 76.2
126 10.9 10.2 15.2





#83

Chrysene

Concen: 48.355 ng

RT: 14.033 min Scan# 2030

Delta R.T. -0.000 min

Lab File: BF138807.D

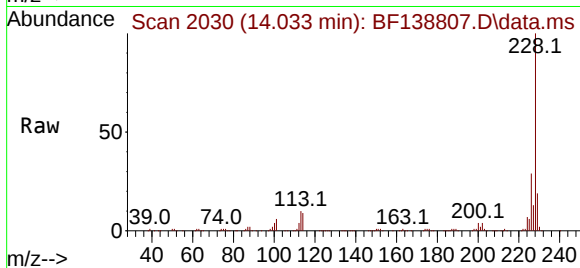
Acq: 06 Aug 2024 13:50

Instrument :

BNA_F

ClientSampleId :

PB162473BS



Tgt Ion: 228 Resp: 31832

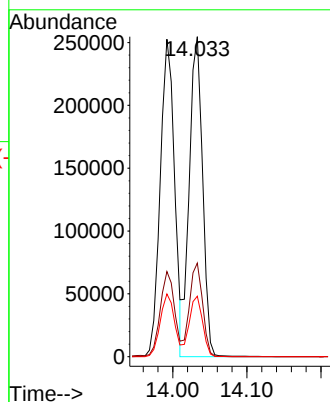
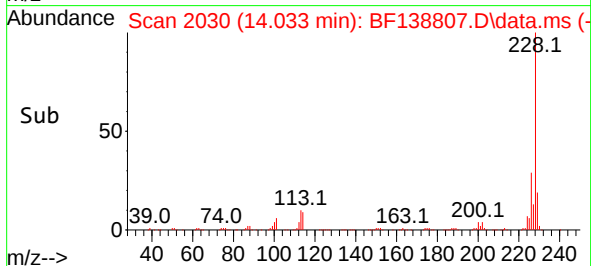
Ion	Ratio	Lower	Upper
228	100		
226	29.2	23.7	35.5
229	18.9	15.0	22.6

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 08/07/2024

Supervised By :mohammad ahmed 08/08/2024



#84

Bis(2-ethylhexyl)phthalate

Concen: 42.455 ng

RT: 13.968 min Scan# 2019

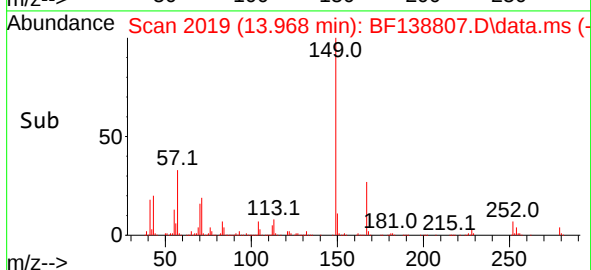
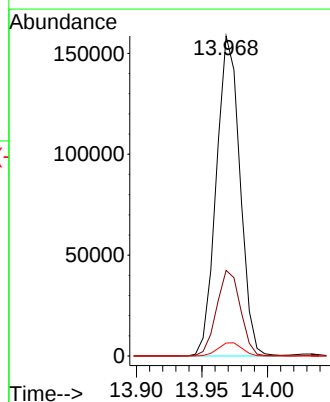
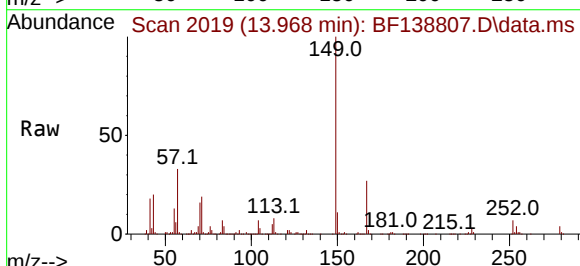
Delta R.T. -0.012 min

Lab File: BF138807.D

Acq: 06 Aug 2024 13:50

Tgt Ion: 149 Resp: 198613

Ion	Ratio	Lower	Upper
149	100		
167	26.7	22.2	33.4
279	4.1	3.4	5.0





#85

Di-n-octyl phthalate

Concen: 38.071 ng

RT: 14.580 min Scan# 2125

Delta R.T. -0.012 min

Lab File: BF138807.D

Acq: 06 Aug 2024 13:50

Instrument :

BNA_F

ClientSampleId :

PB162473BS

Tgt Ion:149 Resp: 32952

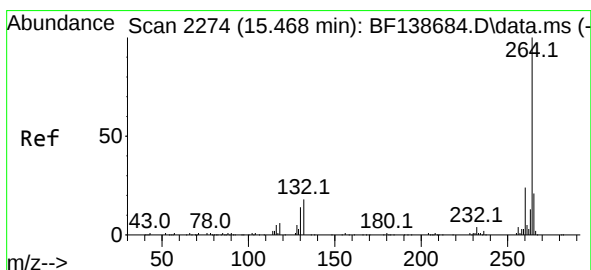
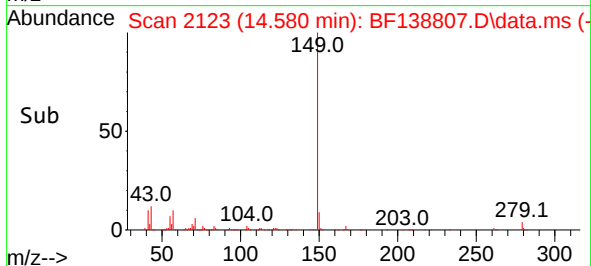
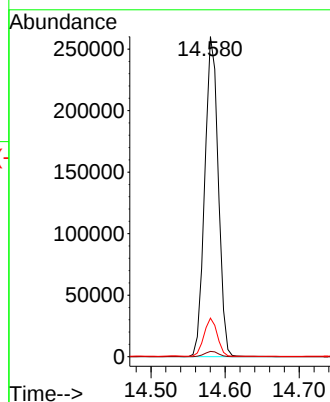
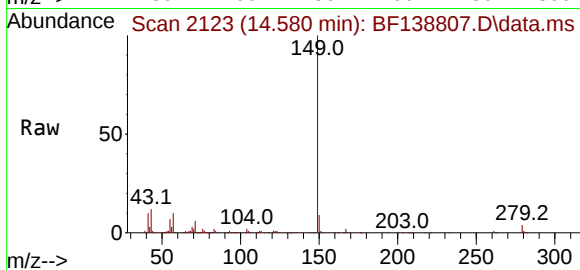
Ion	Ratio	Lower	Upper
149	100		
167	1.7	1.4	2.0
43	11.7	10.4	15.6

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 08/07/2024

Supervised By :mohammad ahmed 08/08/2024



#86

Perylene-d12

Concen: 20.000 ng

RT: 15.462 min Scan# 2273

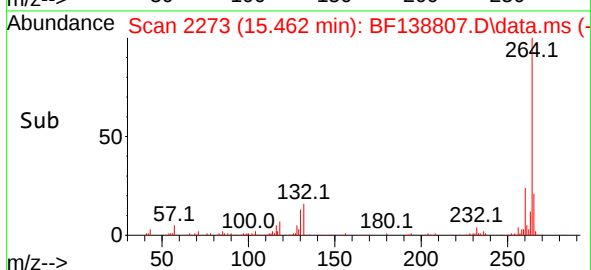
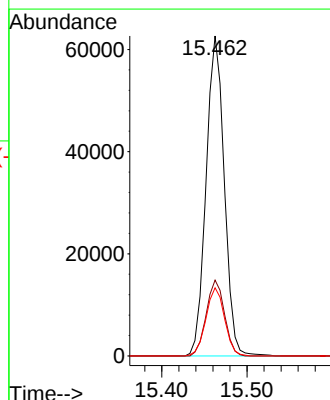
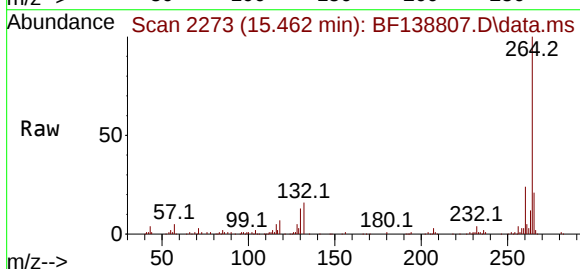
Delta R.T. -0.006 min

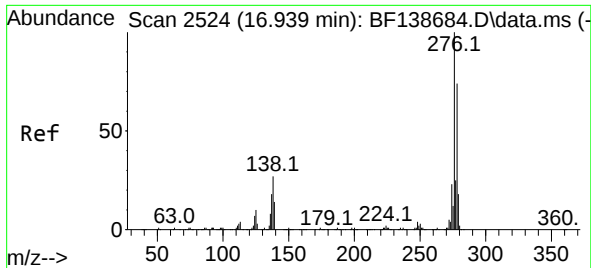
Lab File: BF138807.D

Acq: 06 Aug 2024 13:50

Tgt Ion:264 Resp: 92958

Ion	Ratio	Lower	Upper
264	100		
260	23.7	19.0	28.6
265	21.3	17.0	25.6





#87
Indeno(1,2,3-cd)pyrene
Concen: 48.788 ng
RT: 16.939 min Scan# 21
Delta R.T. -0.000 min
Lab File: BF138807.D
Acq: 06 Aug 2024 13:50

Instrument :

BNA_F

ClientSampleId :

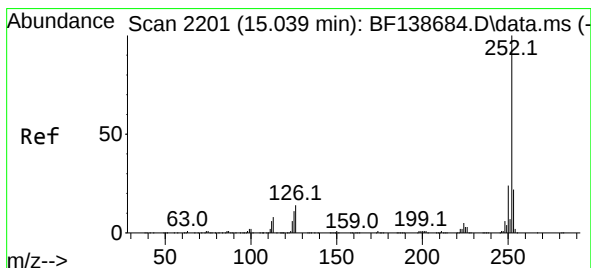
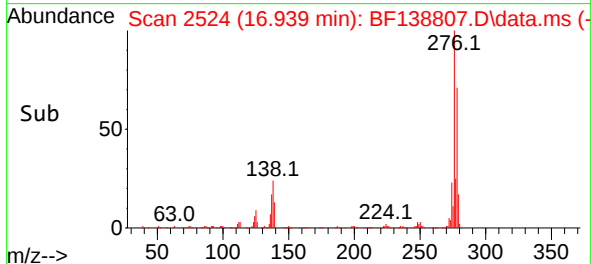
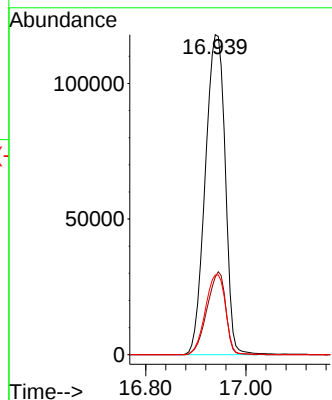
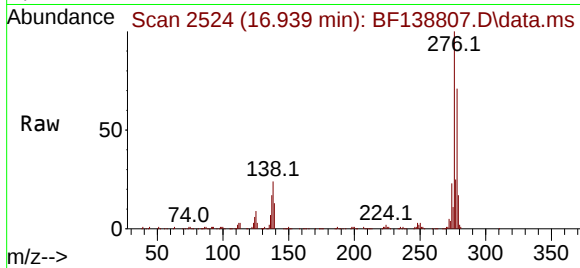
PB162473BS

Tgt Ion:276 Resp: 325009
Ion Ratio Lower Upper
276 100
138 24.2 21.8 32.8
277 25.3 20.6 30.8

Manual Integrations

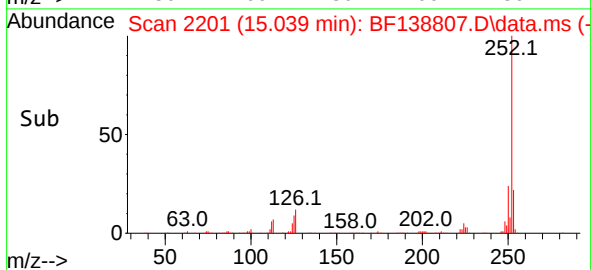
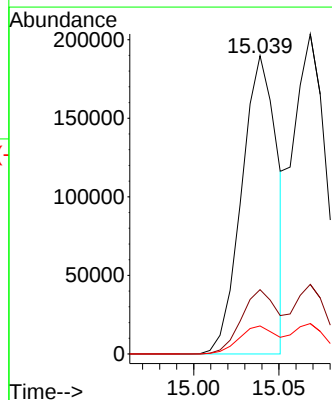
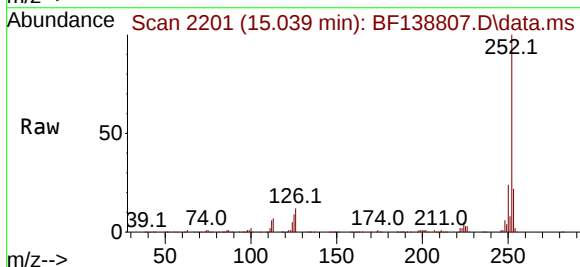
APPROVED

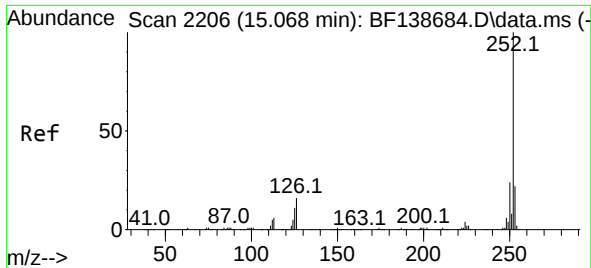
Reviewed By :Yogesh Patel 08/07/2024
Supervised By :mohammad ahmed 08/08/2024



#88
Benzo(b)fluoranthene
Concen: 47.542 ng
RT: 15.039 min Scan# 2201
Delta R.T. -0.000 min
Lab File: BF138807.D
Acq: 06 Aug 2024 13:50

Tgt Ion:252 Resp: 273959
Ion Ratio Lower Upper
252 100
253 21.6 17.5 26.3
125 9.4 8.9 13.3





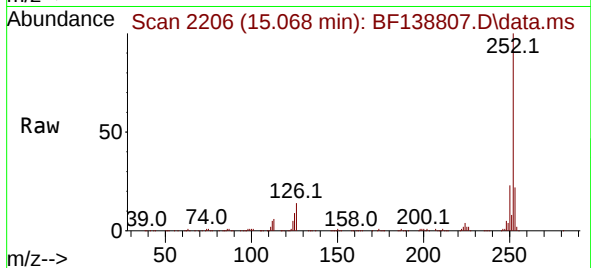
#89
Benzo(k)fluoranthene
Concen: 55.192 ng
RT: 15.068 min Scan# 2206
Delta R.T. -0.000 min
Lab File: BF138807.D
Acq: 06 Aug 2024 13:50

Instrument :

BNA_F

ClientSampleId :

PB162473BS



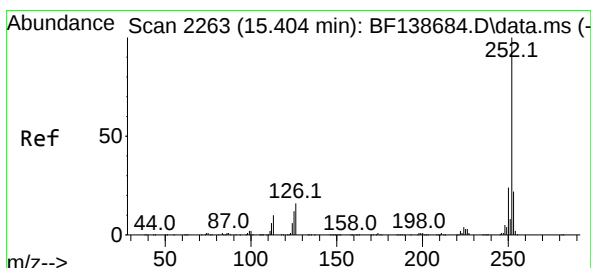
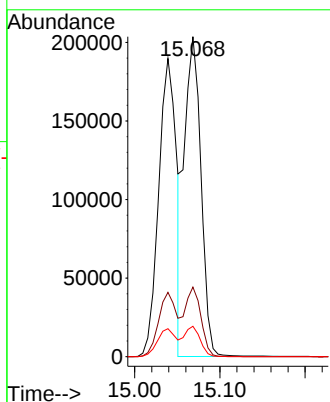
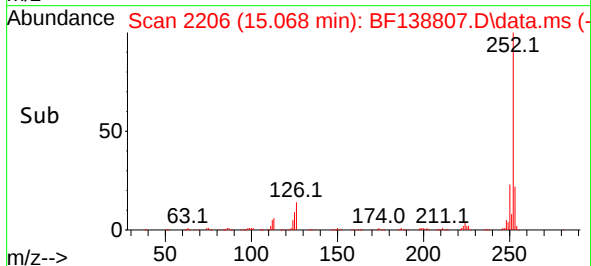
Tgt Ion:252 Resp: 27536
Ion Ratio Lower Upper
252 100
253 21.8 17.4 26.0
125 9.5 8.6 13.0

Manual Integrations

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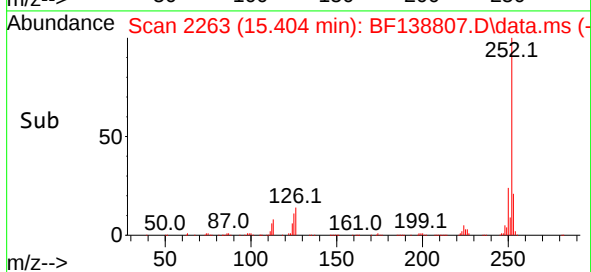
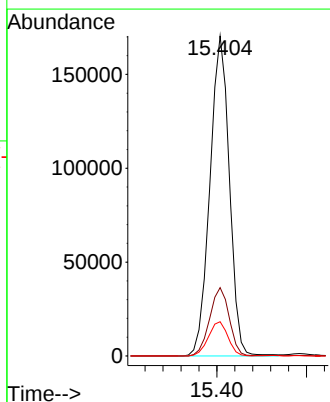
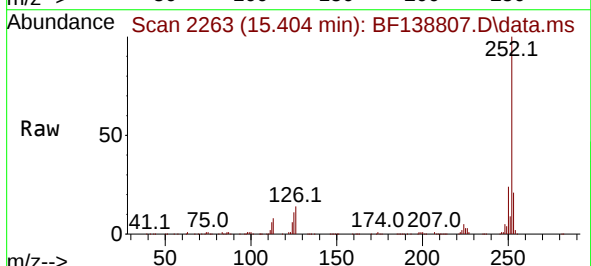
Reviewed By :Yogesh Patel 08/07/2024

Supervised By :mohammad ahmed 08/08/2024



#90
Benzo(a)pyrene
Concen: 52.933 ng
RT: 15.404 min Scan# 2263
Delta R.T. -0.000 min
Lab File: BF138807.D
Acq: 06 Aug 2024 13:50

Tgt Ion:252 Resp: 256570
Ion Ratio Lower Upper
252 100
253 21.4 17.3 25.9
125 10.7 9.5 14.3





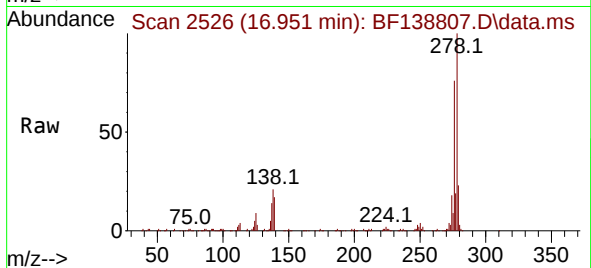
#91
Dibenzo(a,h)anthracene
Concen: 48.489 ng
RT: 16.951 min Scan# 2100
Delta R.T. -0.000 min
Lab File: BF138807.D
Acq: 06 Aug 2024 13:50

Instrument :

BNA_F

ClientSampleId :

PB162473BS

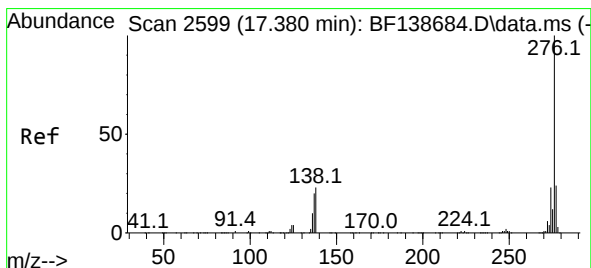
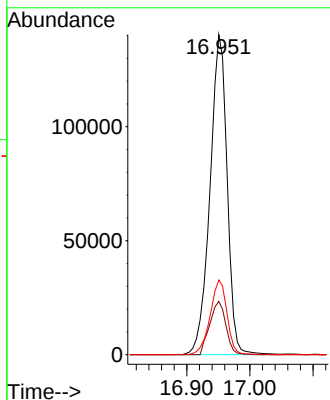
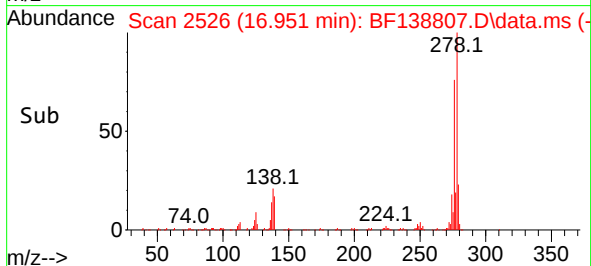


Tgt Ion:278 Resp: 265158
Ion Ratio Lower Upper
278 100
139 16.6 14.0 21.0
279 23.4 19.0 28.4

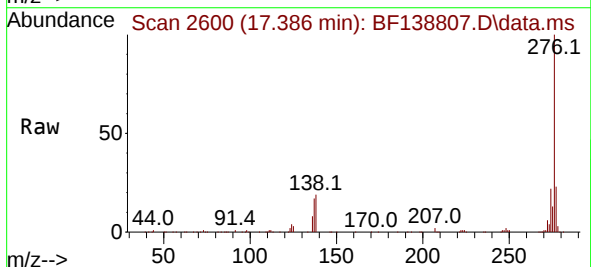
Manual Integrations

APPROVED

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



#92
Benzo(g,h,i)perylene
Concen: 43.739 ng
RT: 17.386 min Scan# 2600
Delta R.T. 0.006 min
Lab File: BF138807.D
Acq: 06 Aug 2024 13:50



Tgt Ion:276 Resp: 248203
Ion Ratio Lower Upper
276 100
277 22.5 19.0 28.4
138 19.3 18.5 27.7

