

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF072524\
 Data File : BF138651.D
 Acq On : 25 Jul 2024 14:01
 Operator : RC/JU
 Sample : PB162271BS
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB162271BS

Manual Integrations
 APPROVED

Reviewed By :Jagrut Upadhyay 07/26/2024
 Supervised By :mohammad ahmed 07/27/2024

Quant Time: Jul 25 15:06:34 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF070924.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Jul 09 16:58:40 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.857	152	90386	20.000	ng	-0.01
21) Naphthalene-d8	8.139	136	369007	20.000	ng	-0.01
39) Acenaphthene-d10	9.892	164	202918	20.000	ng	-0.01
64) Phenanthrene-d10	11.380	188	337673	20.000	ng	0.00
76) Chrysene-d12	14.015	240	156222	20.000	ng	-0.01
86) Perylene-d12	15.480	264	162138	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.492	112	711088	124.598	ng	0.00
7) Phenol-d6	6.498	99	952736	125.491	ng	0.00
23) Nitrobenzene-d5	7.422	82	627259	83.459	ng	-0.01
42) 2,4,6-Tribromophenol	10.686	330	244566	128.958	ng	0.00
45) 2-Fluorobiphenyl	9.216	172	1069426	82.369	ng	-0.01
79) Terphenyl-d14	12.963	244	994757	103.735	ng	-0.01
Target Compounds						Qvalue
2) 1,4-Dioxane	2.734	88	88523	35.022	ng	98
3) Pyridine	3.481	79	232881	37.361	ng	97
4) n-Nitrosodimethylamine	3.440	42	177304	43.695	ng	91
6) Aniline	6.522	93	247785	34.845	ng	# 51
8) 2-Chlorophenol	6.645	128	289284	47.937	ng	99
9) Benzaldehyde	6.404	77	22706	5.588	ng	99
10) Phenol	6.510	94	371359	46.082	ng	87
11) bis(2-Chloroethyl)ether	6.592	93	285809	47.106	ng	98
12) 1,3-Dichlorobenzene	6.798	146	294112	43.359	ng	98
13) 1,4-Dichlorobenzene	6.875	146	302583	43.928	ng	98
14) 1,2-Dichlorobenzene	7.022	146	285964	44.574	ng	97
15) Benzyl Alcohol	7.004	79	270933	47.552	ng	98
16) 2,2'-oxybis(1-Chloropr...	7.128	45	500483	41.946	ng	75
17) 2-Methylphenol	7.116	107	232387	46.987	ng	# 92
18) Hexachloroethane	7.363	117	114650	45.275	ng	94
19) n-Nitroso-di-n-propyla...	7.275	70	220947	47.099	ng	91
20) 3+4-Methylphenols	7.269	107	290641	46.667	ng	90
22) Acetophenone	7.269	105	379459	42.340	ng	99
24) Nitrobenzene	7.439	77	335153	43.882	ng	99
25) Isophorone	7.681	82	593773	46.004	ng	98
26) 2-Nitrophenol	7.757	139	155615	47.538	ng	96
27) 2,4-Dimethylphenol	7.792	122	200580m	49.854	ng	
28) bis(2-Chloroethoxy)met...	7.886	93	354817	45.999	ng	98
29) 2,4-Dichlorophenol	7.998	162	235073	44.993	ng	99
30) 1,2,4-Trichlorobenzene	8.080	180	251806	41.372	ng	99
31) Naphthalene	8.163	128	845423	44.052	ng	99
32) Benzoic acid	7.933	122	119572	31.160	ng	93
33) 4-Chloroaniline	8.210	127	154650	22.967	ng	98
34) Hexachlorobutadiene	8.269	225	150150	40.062	ng	99
35) Caprolactam	8.592	113	70532m	41.836	ng	
36) 4-Chloro-3-methylphenol	8.698	107	268954	45.982	ng	99
37) 2-Methylnaphthalene	8.851	142	543642	44.019	ng	99
38) 1-Methylnaphthalene	8.951	142	503927	41.809	ng	99
40) 1,2,4,5-Tetrachloroben...	9.016	216	222813	39.398	ng	98
41) Hexachlorocyclopentadiene	8.998	237	194101	105.739	ng	99
43) 2,4,6-Trichlorophenol	9.133	196	156431	43.363	ng	99

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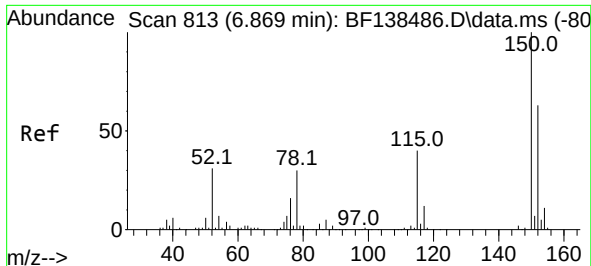
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.180	196	163061	41.096	ng	# 94
46) 1,1'-Biphenyl	9.316	154	630482	40.999	ng	99
47) 2-Chloronaphthalene	9.339	162	503333	43.326	ng	98
48) 2-Nitroaniline	9.439	65	188718	46.877	ng	96
49) Acenaphthylene	9.757	152	788038	47.777	ng	100
50) Dimethylphthalate	9.616	163	597702	45.553	ng	100
51) 2,6-Dinitrotoluene	9.680	165	134812	44.624	ng	88
52) Acenaphthene	9.927	154	484241	44.167	ng	99
53) 3-Nitroaniline	9.851	138	89533	28.915	ng	93
54) 2,4-Dinitrophenol	9.963	184	124422	76.928	ng	94
55) Dibenzofuran	10.098	168	704606	44.307	ng	99
56) 4-Nitrophenol	10.027	139	172842	75.652	ng	99
57) 2,4-Dinitrotoluene	10.086	165	176184	45.073	ng	94
58) Fluorene	10.445	166	553957	44.024	ng	98
59) 2,3,4,6-Tetrachlorophenol	10.222	232	136760	43.673	ng	96
60) Diethylphthalate	10.316	149	574432	45.412	ng	99
61) 4-Chlorophenyl-phenyle...	10.433	204	268553	42.502	ng	94
62) 4-Nitroaniline	10.469	138	130196	41.960	ng	99
63) Azobenzene	10.592	77	628934	46.246	ng	97
65) 4,6-Dinitro-2-methylph...	10.498	198	97751	50.135	ng	83
66) n-Nitrosodiphenylamine	10.557	169	480129	47.458	ng	97
67) 4-Bromophenyl-phenylether	10.921	248	161552	46.548	ng	99
68) Hexachlorobenzene	10.986	284	175034	45.397	ng	99
69) Atrazine	11.080	200	148077	44.147	ng	97
70) Pentachlorophenol	11.186	266	171036	74.967	ng	97
71) Phenanthrene	11.404	178	802979	47.069	ng	100
72) Anthracene	11.457	178	816053	48.189	ng	99
73) Carbazole	11.610	167	687179	45.155	ng	100
74) Di-n-butylphthalate	11.933	149	852642	48.606	ng	99
75) Fluoranthene	12.592	202	759800	43.648	ng	98
77) Benzidine	12.710	184	107730	27.333	ng	98
78) Pyrene	12.821	202	751701	47.400	ng	99
80) Butylbenzylphthalate	13.433	149	256489	53.765	ng	98
81) Benzo(a)anthracene	14.004	228	500752	47.770	ng	99
82) 3,3'-Dichlorobenzidine	13.968	252	91031	33.702	ng	97
83) Chrysene	14.045	228	467491	47.143	ng	99
84) Bis(2-ethylhexyl)phtha...	13.986	149	276631	54.370	ng	99
85) Di-n-octyl phthalate	14.598	149	428717	53.339	ng	99
87) Indeno(1,2,3-cd)pyrene	16.956	276	519732	47.722	ng	100
88) Benzo(b)fluoranthene	15.051	252	452659	49.573	ng	100
89) Benzo(k)fluoranthene	15.080	252	374464	42.049	ng	98
90) Benzo(a)pyrene	15.421	252	395648	49.325	ng	99
91) Dibenzo(a,h)anthracene	16.968	278	412317	46.282	ng	100
92) Benzo(g,h,i)perylene	17.398	276	410006	43.401	ng	98

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



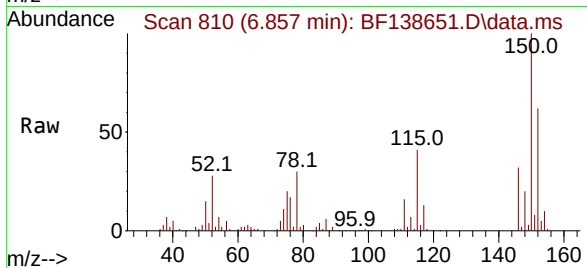
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.857 min Scan# 813
Delta R.T. -0.012 min
Lab File: BF138651.D
Acq: 25 Jul 2024 14:01

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BNA_F

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PB162271BS

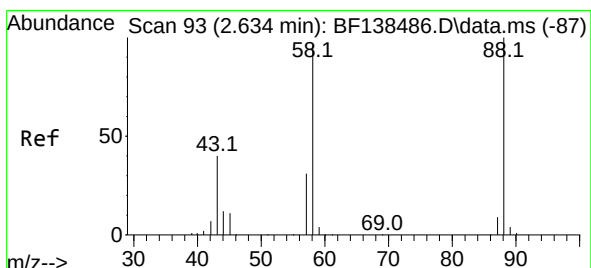
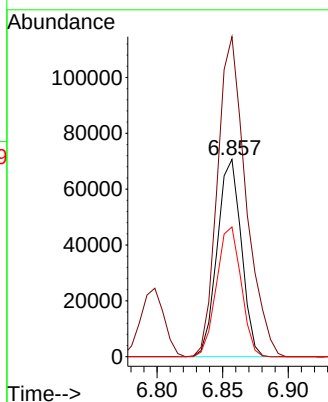
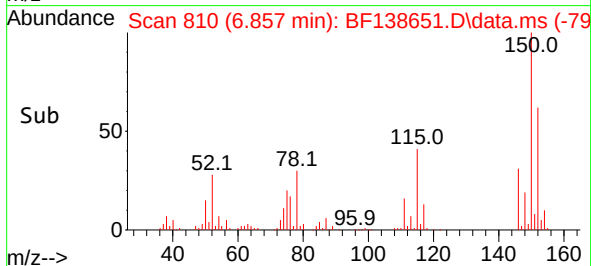


Tgt Ion:152 Resp: 90386
Ion Ratio Lower Upper
152 100
150 162.3 126.2 189.4
115 65.8 50.3 75.5

Manual Integrations

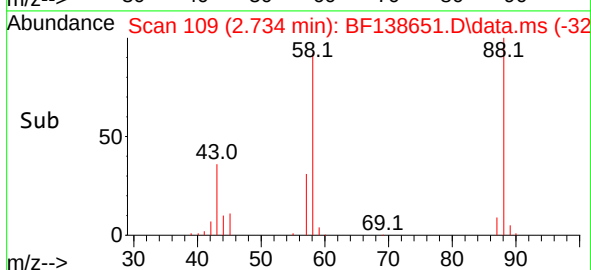
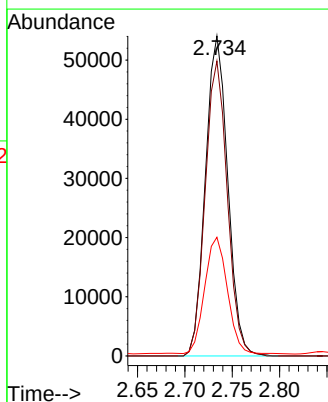
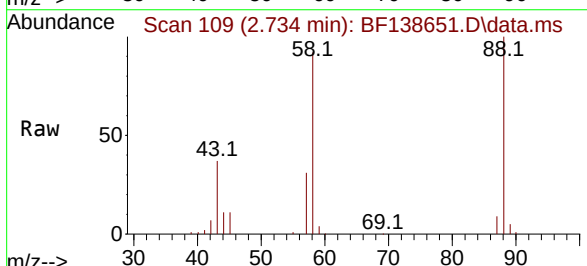
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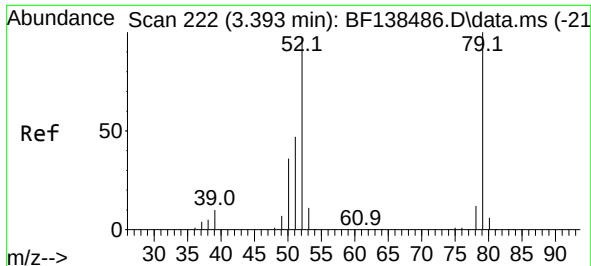
Reviewed By :Jagrut Upadhyay 07/26/2024
Supervised By :mohammad ahmed 07/27/2024



#2
1,4-Dioxane
Concen: 35.022 ng
RT: 2.734 min Scan# 109
Delta R.T. 0.100 min
Lab File: BF138651.D
Acq: 25 Jul 2024 14:01

Tgt Ion: 88 Resp: 88523
Ion Ratio Lower Upper
88 100
58 91.2 74.6 112.0
43 37.7 31.8 47.6





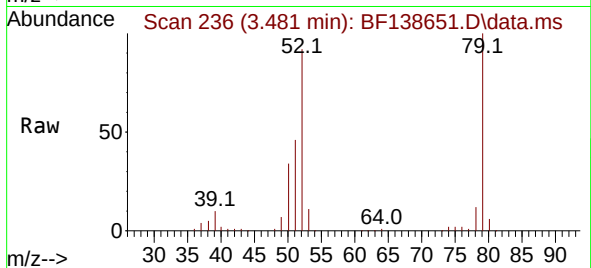
#3
Pyridine
Concen: 37.361 ng
RT: 3.481 min Scan# 21
Delta R.T. 0.088 min
Lab File: BF138651.D
Acq: 25 Jul 2024 14:01

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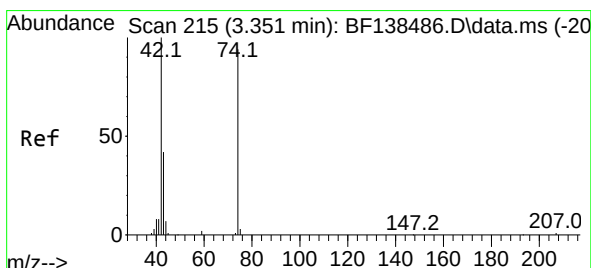
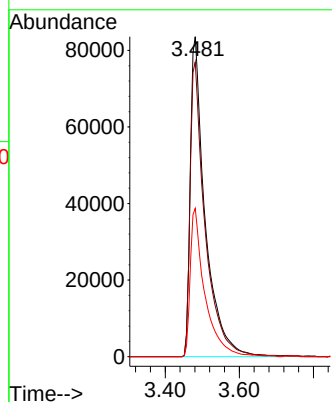
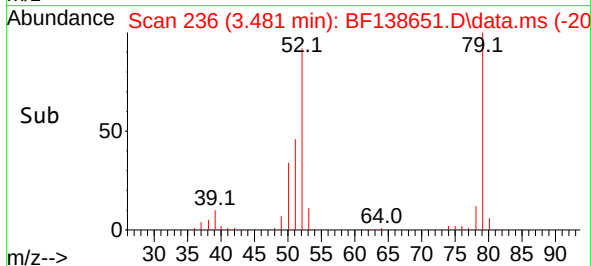


Tgt Ion: 79 Resp: 23288
Ion Ratio Lower Upper
79 100
52 92.1 77.4 116.2
51 46.3 37.4 56.0

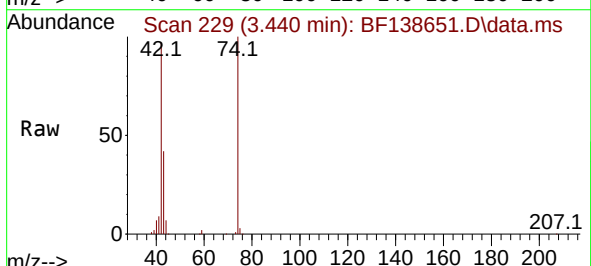
Manual Integrations

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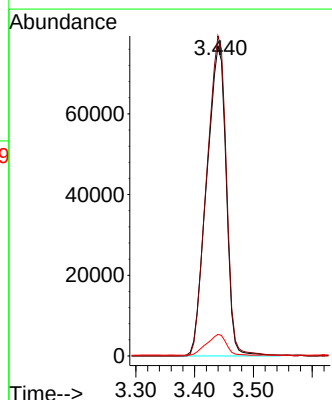
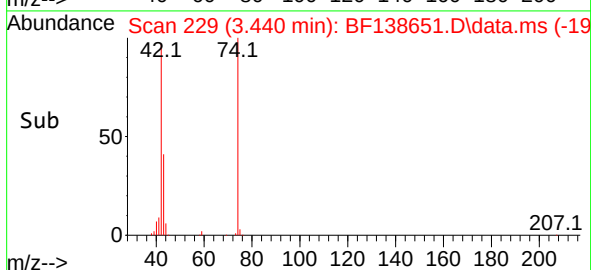
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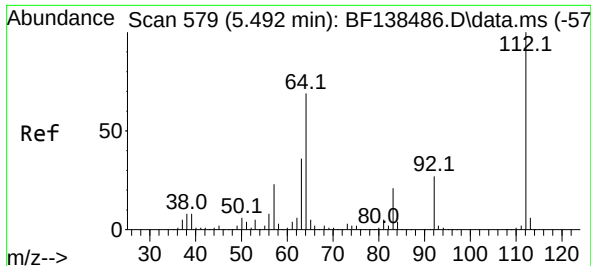


#4
n-Nitrosodimethylamine
Concen: 43.695 ng
RT: 3.440 min Scan# 229
Delta R.T. 0.088 min
Lab File: BF138651.D
Acq: 25 Jul 2024 14:01



Tgt Ion: 42 Resp: 177304
Ion Ratio Lower Upper
42 100
74 103.3 75.0 112.6
44 7.0 5.4 8.2





#5
2-Fluorophenol
Concen: 124.598 ng
RT: 5.492 min Scan# 511
Delta R.T. -0.000 min
Lab File: BF138651.D
Acq: 25 Jul 2024 14:01

Instrument :

BNA_F

ClientSampleId :

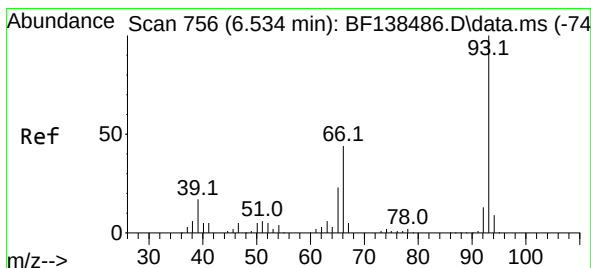
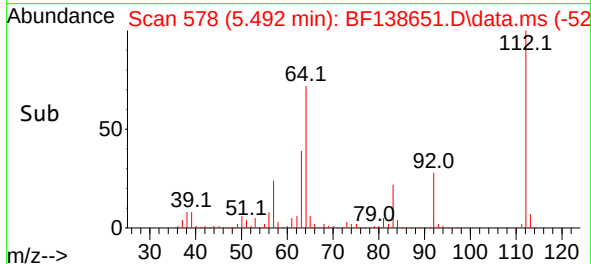
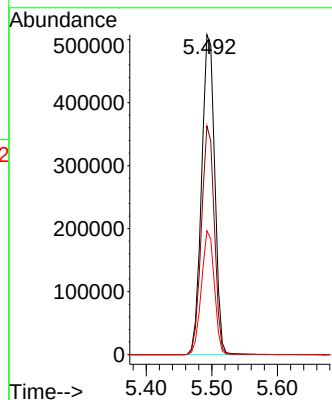
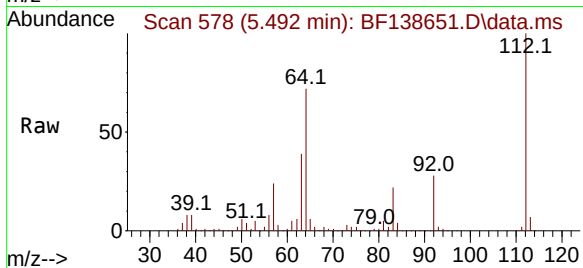
PB162271BS

Tgt Ion:112 Resp: 711088
Ion Ratio Lower Upper
112 100
64 71.5 55.1 82.7
63 38.7 29.0 43.6

Manual Integrations

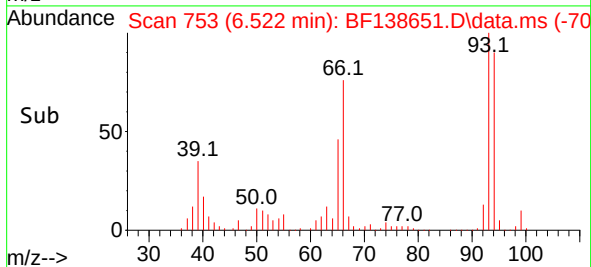
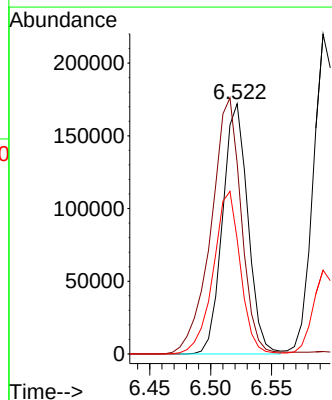
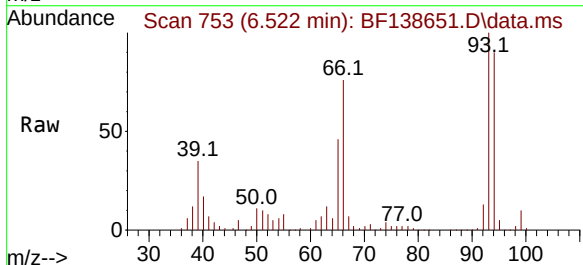
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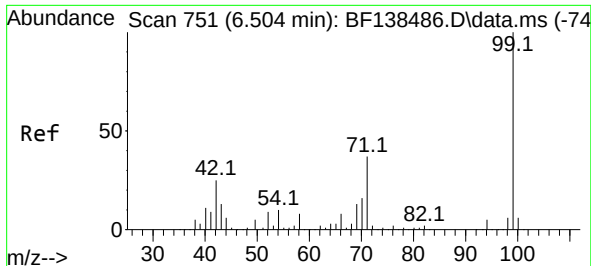
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#6
Aniline
Concen: 34.845 ng
RT: 6.522 min Scan# 753
Delta R.T. -0.012 min
Lab File: BF138651.D
Acq: 25 Jul 2024 14:01

Tgt Ion: 93 Resp: 247785
Ion Ratio Lower Upper
93 100
66 76.3 35.4 53.0#
65 45.9 18.6 27.8#





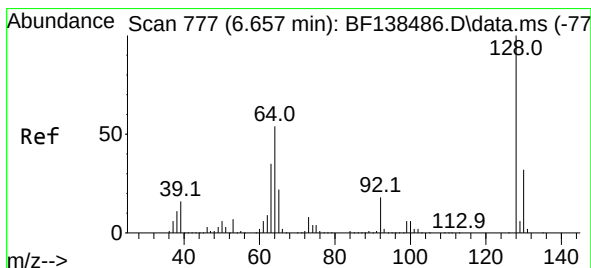
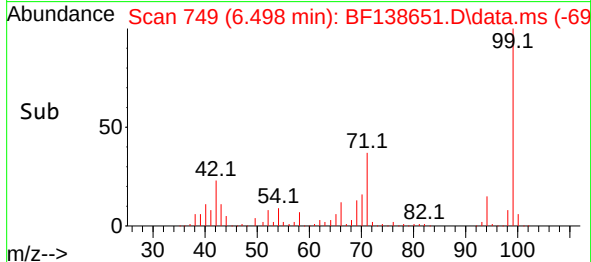
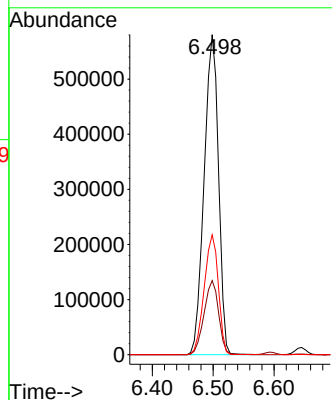
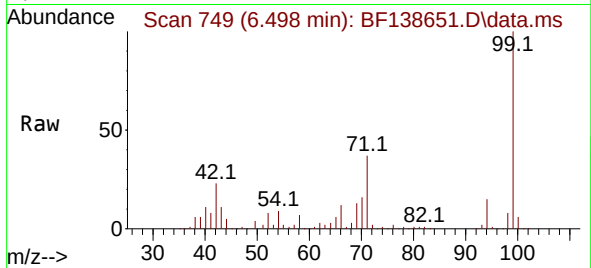
#7
Phenol-d6
Concen: 125.491 ng
RT: 6.498 min Scan# 749
Delta R.T. -0.006 min
Lab File: BF138651.D
Acq: 25 Jul 2024 14:01

Instrument :
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ClientSampleId :
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Tgt Ion: 99 Resp: 952730
Ion Ratio Lower Upper
99 100
42 23.2 19.7 29.5
71 37.5 29.9 44.9

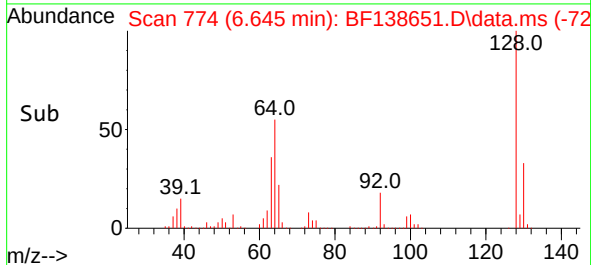
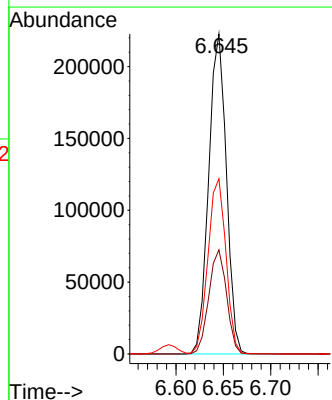
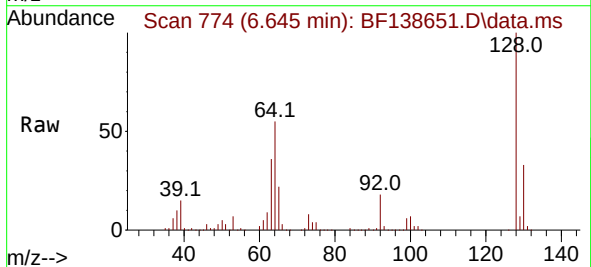
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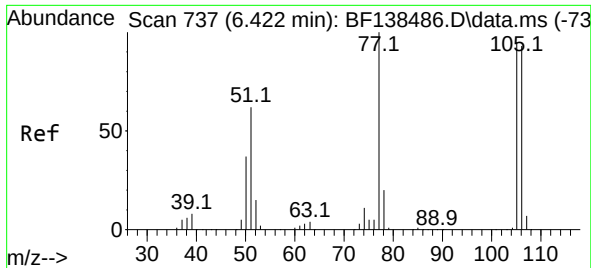
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#8
2-Chlorophenol
Concen: 47.937 ng
RT: 6.645 min Scan# 774
Delta R.T. -0.012 min
Lab File: BF138651.D
Acq: 25 Jul 2024 14:01

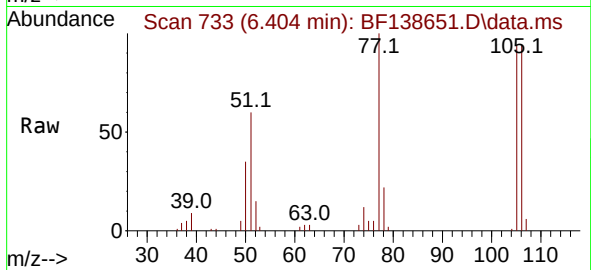
Tgt Ion:128 Resp: 289284
Ion Ratio Lower Upper
128 100
130 32.6 12.1 52.1
64 54.8 34.4 74.4





#9
Benzaldehyde
Concen: 5.588 ng
RT: 6.404 min Scan# 71
Delta R.T. -0.018 min
Lab File: BF138651.D
Acq: 25 Jul 2024 14:01

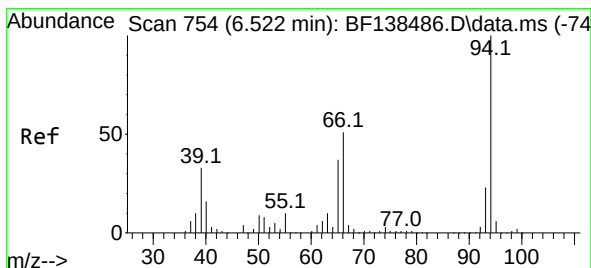
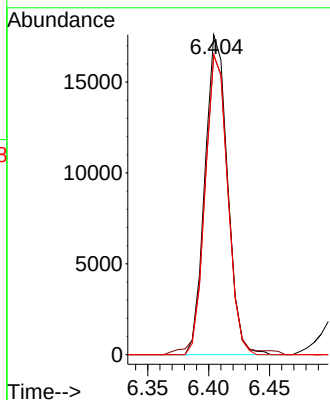
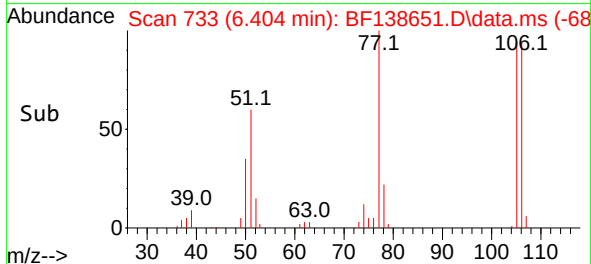
Instrument :
BNA_F
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Tgt Ion: 77 Resp: 22700
Ion Ratio Lower Upper
77 100
105 93.5 75.1 115.1
106 93.7 73.2 113.2

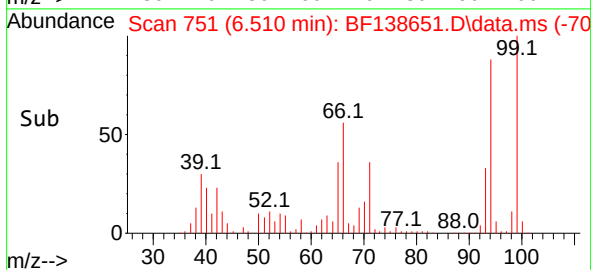
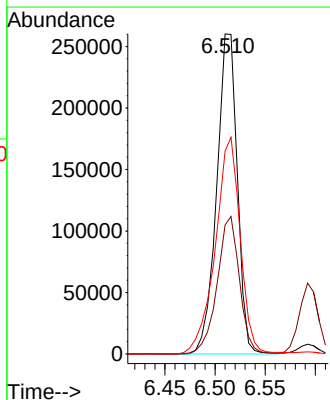
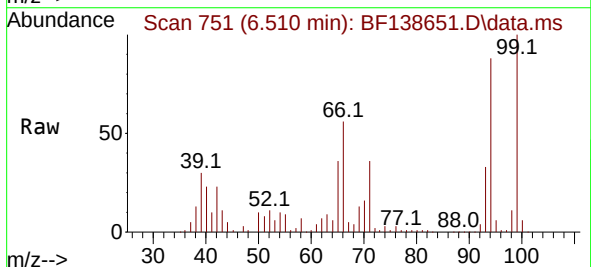
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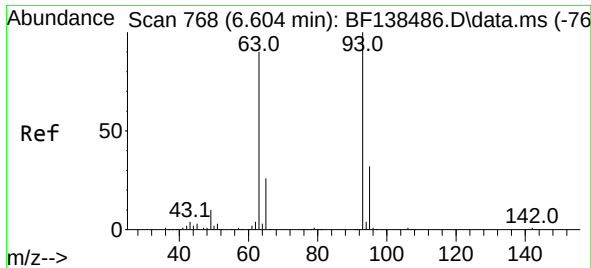
Reviewed By :Jagrut Upadhyay 07/26/2024
Supervised By :mohammad ahmed 07/27/2024



#10
Phenol
Concen: 46.082 ng
RT: 6.510 min Scan# 751
Delta R.T. -0.012 min
Lab File: BF138651.D
Acq: 25 Jul 2024 14:01

Tgt Ion: 94 Resp: 371359
Ion Ratio Lower Upper
94 100
65 40.3 16.7 56.7
66 63.4 31.2 71.2





#11
bis(2-Chloroethyl)ether
Concen: 47.106 ng
RT: 6.592 min Scan# 768
Delta R.T. -0.012 min
Lab File: BF138651.D
Acq: 25 Jul 2024 14:01

Instrument :

BNA_F

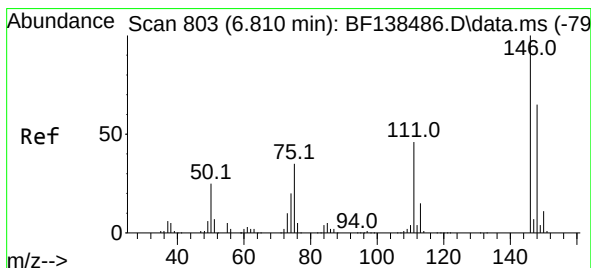
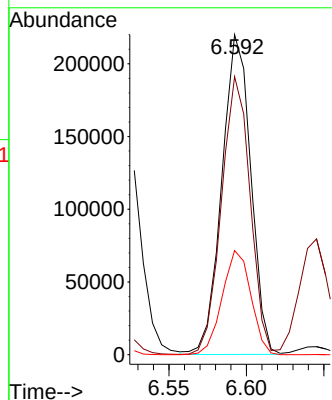
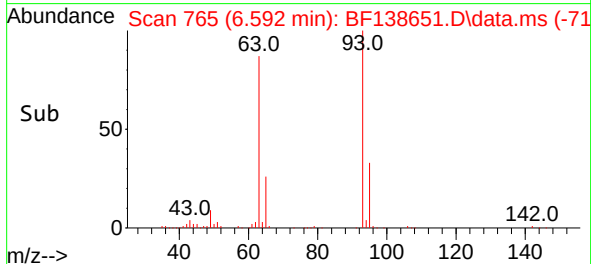
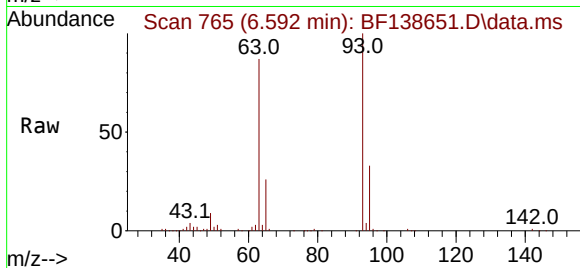
ClientSampleId :

PB162271BS

Tgt Ion: 93 Resp: 285809
Ion Ratio Lower Upper
93 100
63 86.9 68.8 108.8
95 32.6 11.8 51.8

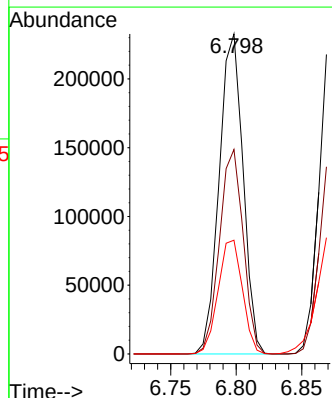
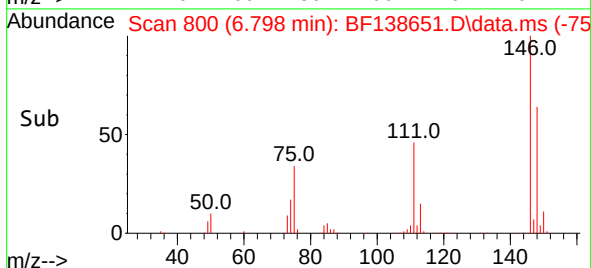
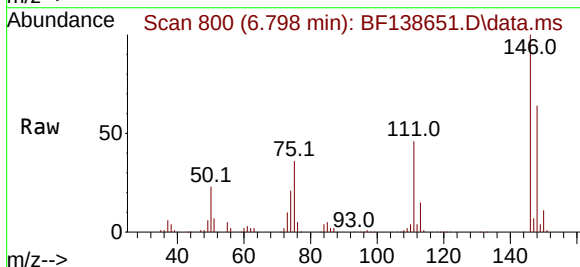
Manual Integrations
APPROVED

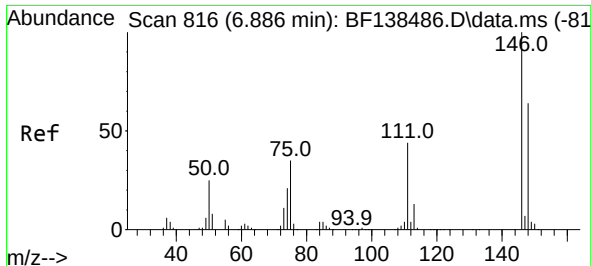
Reviewed By :Jagrut Upadhyay 07/26/2024
Supervised By :mohammad ahmed 07/27/2024



#12
1,3-Dichlorobenzene
Concen: 43.359 ng
RT: 6.798 min Scan# 800
Delta R.T. -0.012 min
Lab File: BF138651.D
Acq: 25 Jul 2024 14:01

Tgt Ion:146 Resp: 294112
Ion Ratio Lower Upper
146 100
148 63.9 52.4 78.6
75 35.6 27.8 41.8





#13
1,4-Dichlorobenzene
Concen: 43.928 ng
RT: 6.875 min Scan# 816
Delta R.T. -0.012 min
Lab File: BF138651.D
Acq: 25 Jul 2024 14:01

Instrument :

BNA_F

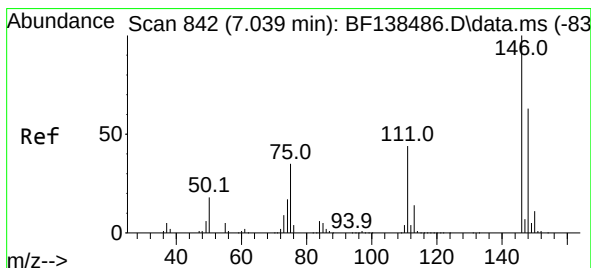
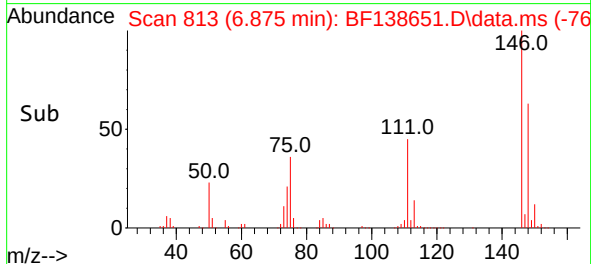
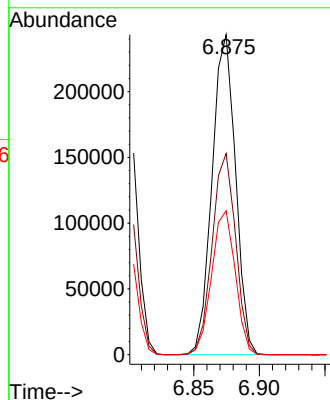
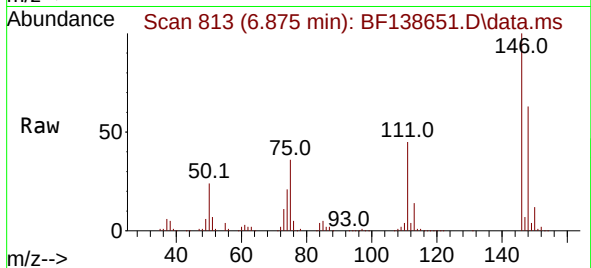
ClientSampleId :

PB162271BS

Tgt Ion:146 Resp: 30258
Ion Ratio Lower Upper
146 100
148 62.9 51.6 77.4
111 45.0 34.9 52.3

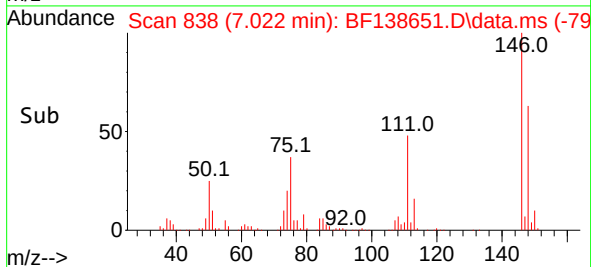
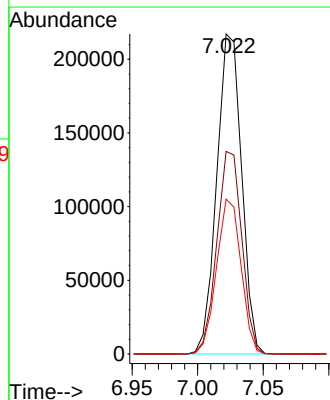
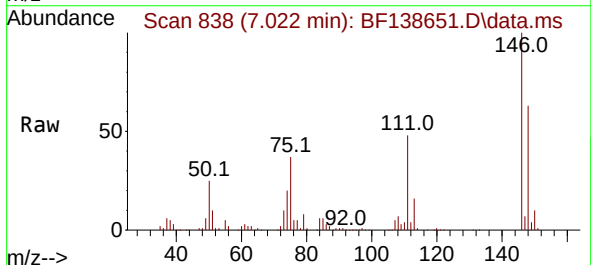
Manual Integrations
APPROVED

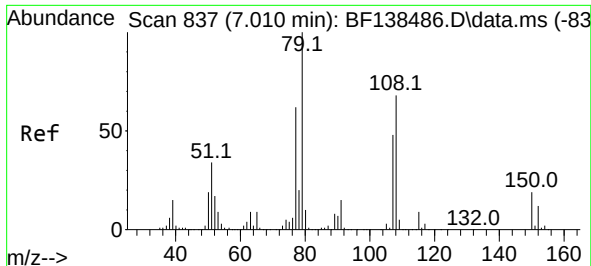
Reviewed By :Jagrut Upadhyay 07/26/2024
Supervised By :mohammad ahmed 07/27/2024



#14
1,2-Dichlorobenzene
Concen: 44.574 ng
RT: 7.022 min Scan# 838
Delta R.T. -0.018 min
Lab File: BF138651.D
Acq: 25 Jul 2024 14:01

Tgt Ion:146 Resp: 285964
Ion Ratio Lower Upper
146 100
148 63.3 50.1 75.1
111 48.4 35.5 53.3





#15

Benzyl Alcohol

Concen: 47.552 ng

RT: 7.004 min Scan# 81

Delta R.T. -0.006 min

Lab File: BF138651.D

Acq: 25 Jul 2024 14:01

Instrument :

BNA_F

ClientSampleId :

PB162271BS

Tgt Ion: 79 Resp: 27093

Ion Ratio Lower Upper

79 100

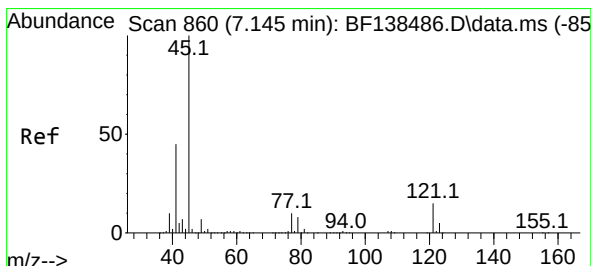
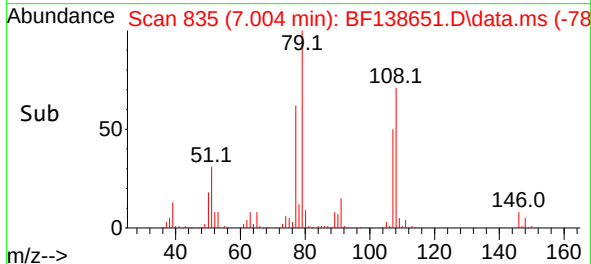
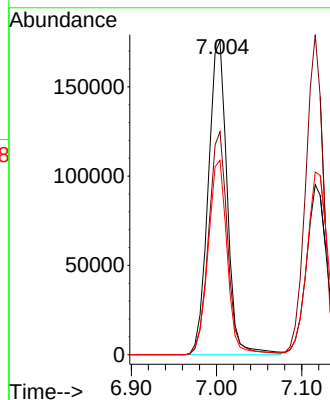
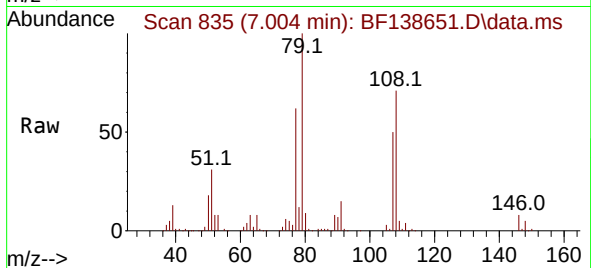
108 71.1 54.3 81.5

77 61.9 50.0 75.0

Manual Integrations

APPROVED

Reviewed By :Jagrut Upadhyay 07/26/2024
Supervised By :mohammad ahmed 07/27/2024



#16

2,2'-oxybis(1-Chloropropane)

Concen: 41.946 ng

RT: 7.128 min Scan# 856

Delta R.T. -0.018 min

Lab File: BF138651.D

Acq: 25 Jul 2024 14:01

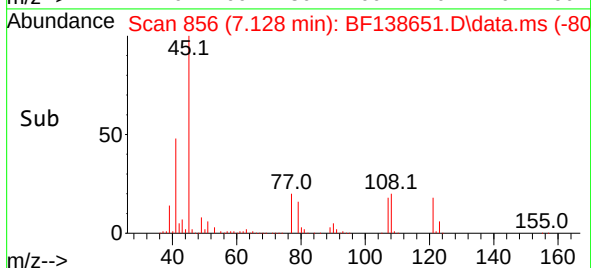
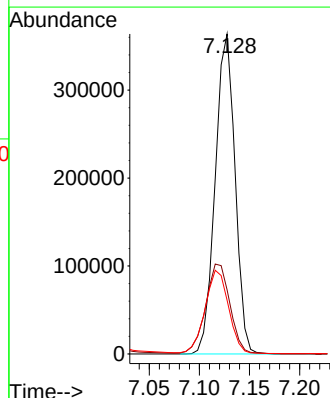
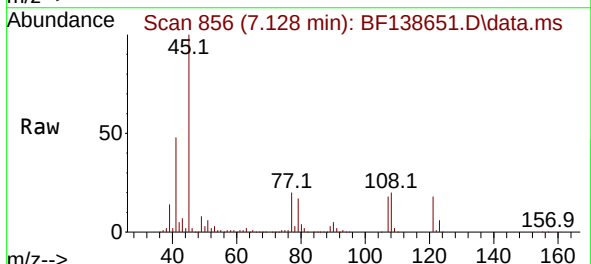
Tgt Ion: 45 Resp: 500483

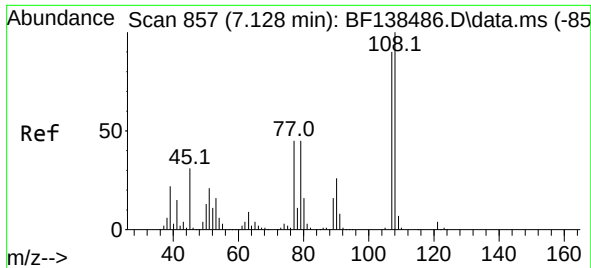
Ion Ratio Lower Upper

45 100

77 20.0 0.0 30.4

79 16.8 0.0 28.1





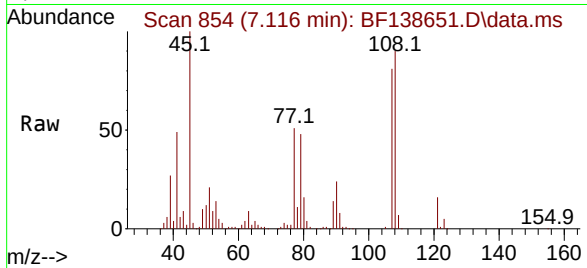
#17
2-Methylphenol
Concen: 46.987 ng
RT: 7.116 min Scan# 854
Delta R.T. -0.012 min
Lab File: BF138651.D
Acq: 25 Jul 2024 14:01

Instrument :

BNA_F

ClientSampleId :

PB162271BS

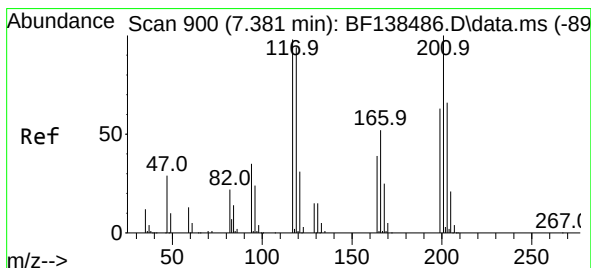
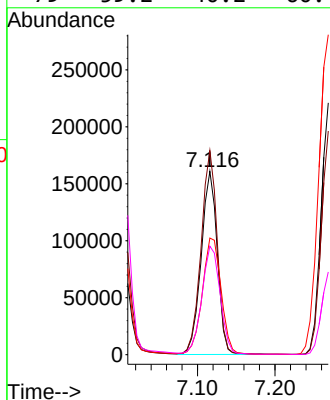
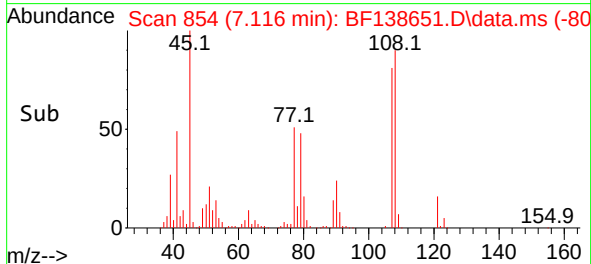


Tgt Ion:107 Resp: 23238
Ion Ratio Lower Upper
107 100
108 111.3 89.0 133.4
77 63.6 40.3 60.5
79 59.2 40.2 60.4

Manual Integrations

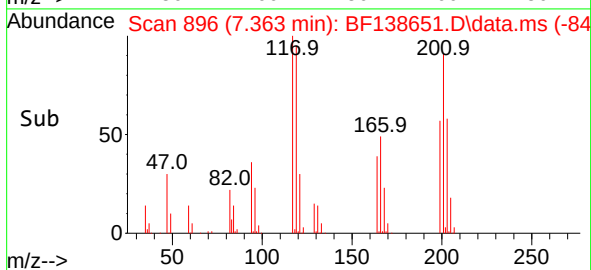
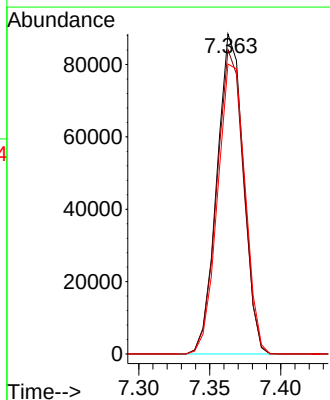
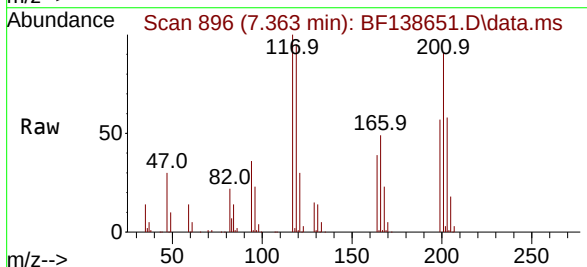
APPROVED

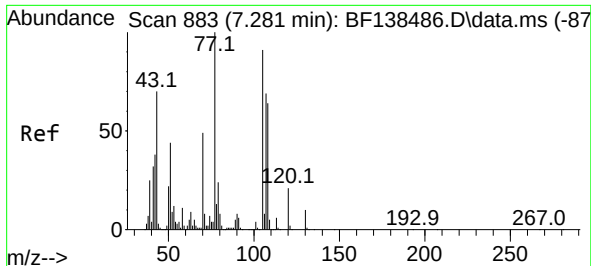
Reviewed By :Jagrut Upadhyay 07/26/2024
Supervised By :mohammad ahmed 07/27/2024



#18
Hexachloroethane
Concen: 45.275 ng
RT: 7.363 min Scan# 896
Delta R.T. -0.018 min
Lab File: BF138651.D
Acq: 25 Jul 2024 14:01

Tgt Ion:117 Resp: 114650
Ion Ratio Lower Upper
117 100
119 95.1 76.6 114.8
201 90.6 81.4 122.0





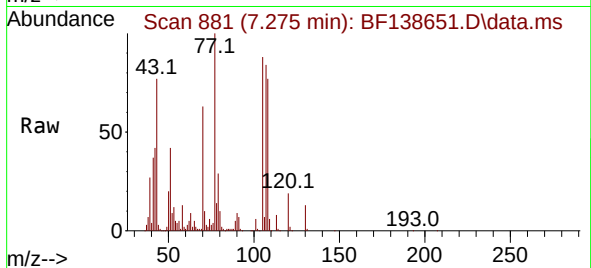
#19
n-Nitroso-di-n-propylamine
Concen: 47.099 ng
RT: 7.275 min Scan# 81
Delta R.T. -0.006 min
Lab File: BF138651.D
Acq: 25 Jul 2024 14:01

Instrument :

BNA_F

ClientSampleId :

PB162271BS

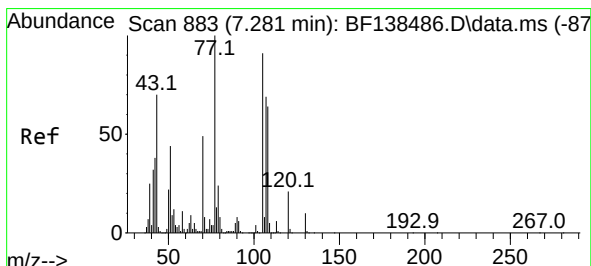
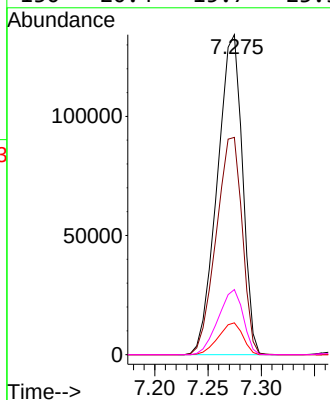
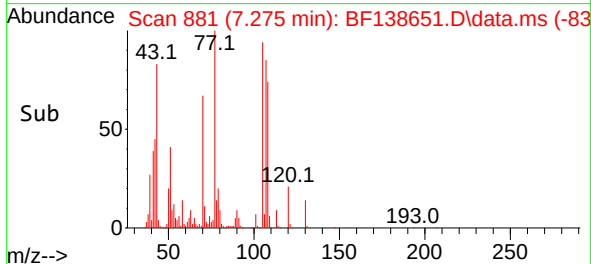


Tgt Ion: 70 Resp: 22094
Ion Ratio Lower Upper
70 100
42 67.9 62.4 93.6
101 10.0 7.2 10.8
130 20.4 15.7 23.5

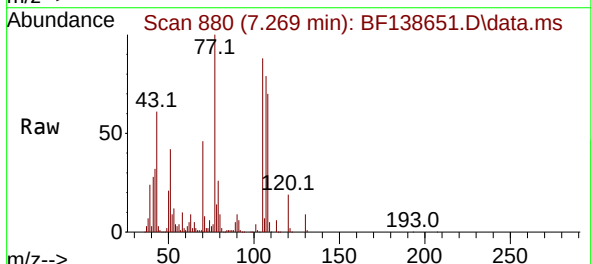
Manual Integrations

APPROVED

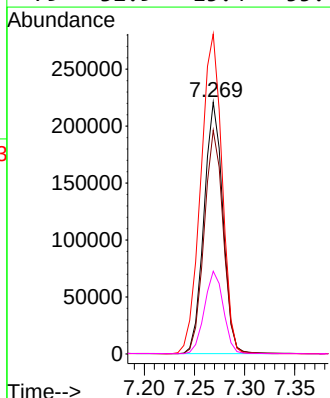
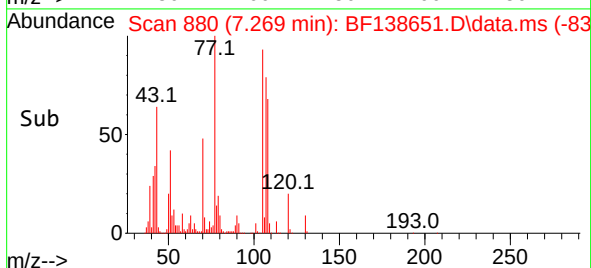
Reviewed By :Jagrut Upadhyay 07/26/2024
Supervised By :mohammad ahmed 07/27/2024

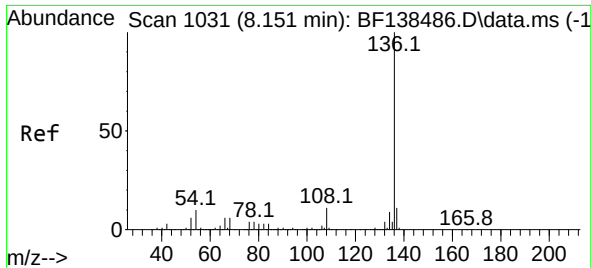


#20
3+4-Methylphenols
Concen: 46.667 ng
RT: 7.269 min Scan# 880
Delta R.T. -0.012 min
Lab File: BF138651.D
Acq: 25 Jul 2024 14:01



Tgt Ion:107 Resp: 290641
Ion Ratio Lower Upper
107 100
108 88.8 73.7 113.7
77 127.1 126.0 166.0
79 32.9 15.4 55.4





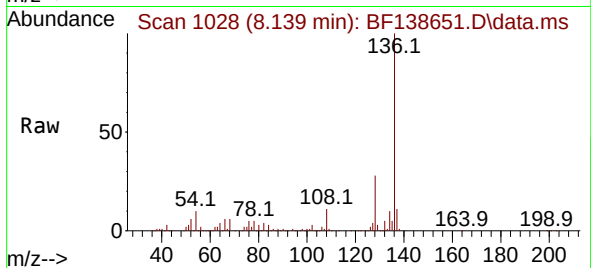
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.139 min Scan# 1031
Delta R.T. -0.012 min
Lab File: BF138651.D
Acq: 25 Jul 2024 14:01

Instrument :

BNA_F

ClientSampleId :

PB162271BS

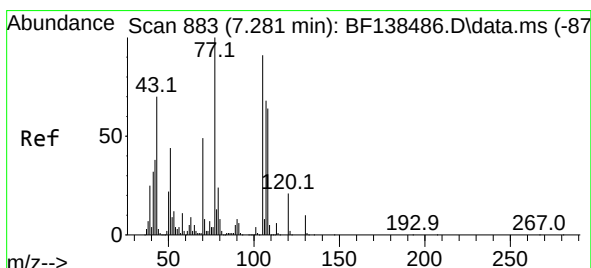
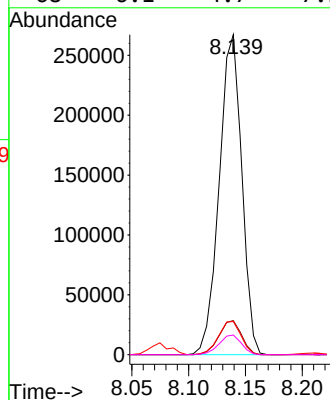
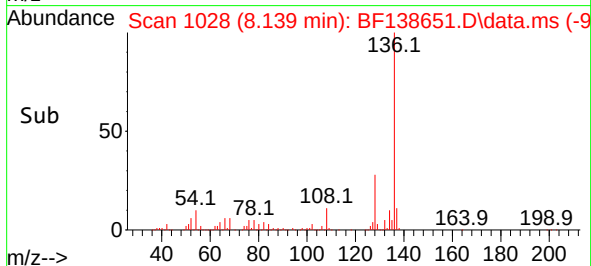


Tgt Ion:136 Resp: 36900
Ion Ratio Lower Upper
136 100
137 10.6 8.5 12.7
54 10.3 8.1 12.1
68 6.1 4.7 7.1

Manual Integrations

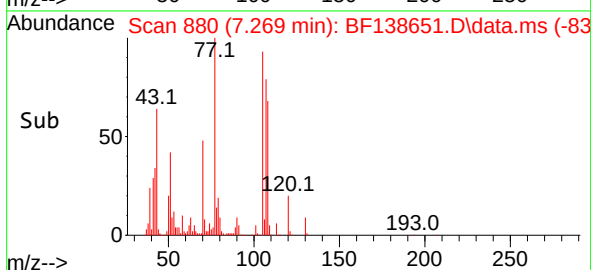
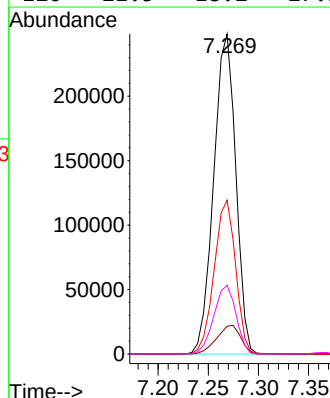
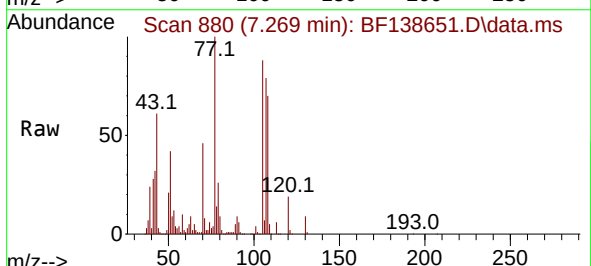
APPROVED

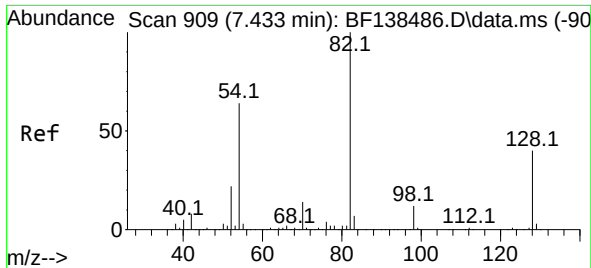
Reviewed By :Jagrut Upadhyay 07/26/2024
Supervised By :mohammad ahmed 07/27/2024



#22
Acetophenone
Concen: 42.340 ng
RT: 7.269 min Scan# 880
Delta R.T. -0.012 min
Lab File: BF138651.D
Acq: 25 Jul 2024 14:01

Tgt Ion:105 Resp: 379459
Ion Ratio Lower Upper
105 100
71 8.7 7.4 11.2
51 48.0 38.7 58.1
120 21.5 18.2 27.2





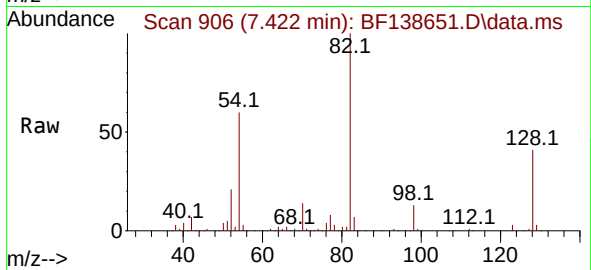
#23
Nitrobenzene-d5
Concen: 83.459 ng
RT: 7.422 min Scan# 906
Delta R.T. -0.012 min
Lab File: BF138651.D
Acq: 25 Jul 2024 14:01

Instrument :

BNA_F

ClientSampleId :

PB162271BS

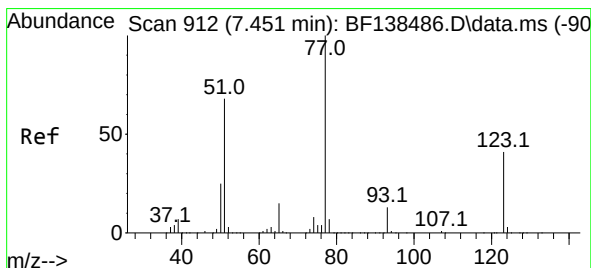
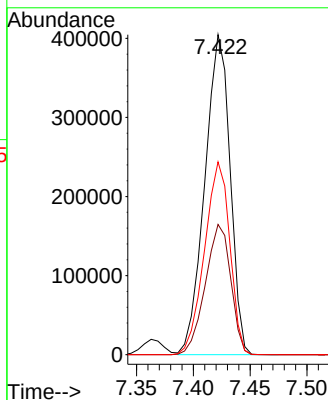
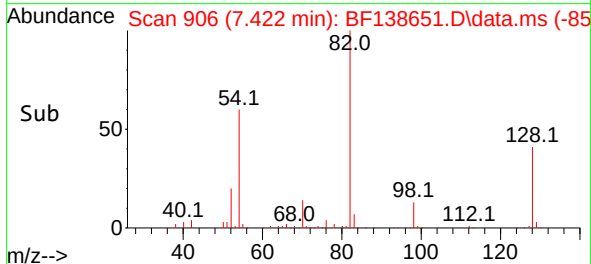


Tgt Ion: 82 Resp: 627259
Ion Ratio Lower Upper
82 100
128 40.7 32.3 48.5
54 60.3 51.4 77.0

Manual Integrations

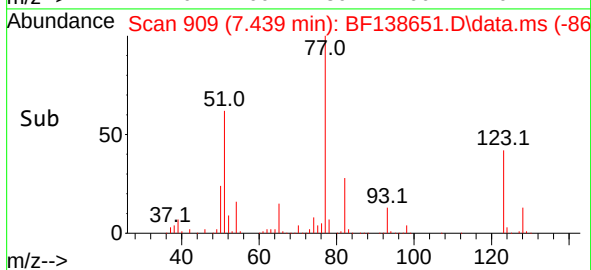
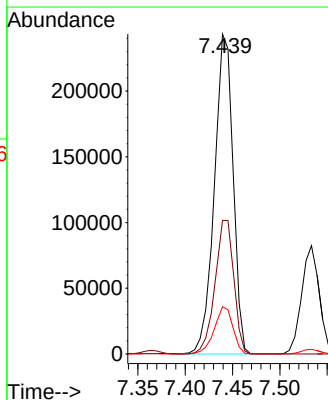
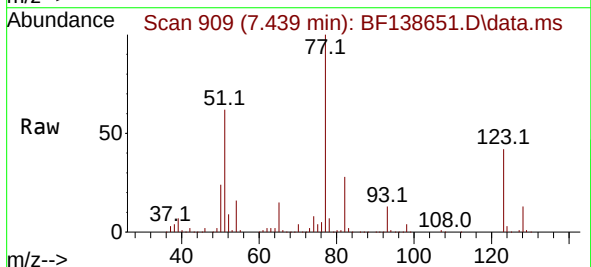
APPROVED

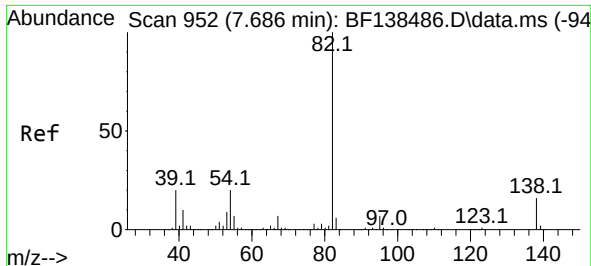
Reviewed By :Jagrut Upadhyay 07/26/2024
Supervised By :mohammad ahmed 07/27/2024



#24
Nitrobenzene
Concen: 43.882 ng
RT: 7.439 min Scan# 909
Delta R.T. -0.012 min
Lab File: BF138651.D
Acq: 25 Jul 2024 14:01

Tgt Ion: 77 Resp: 335153
Ion Ratio Lower Upper
77 100
123 41.7 32.4 48.6
65 14.8 11.8 17.8





#25
Isophorone
Concen: 46.004 ng
RT: 7.681 min Scan# 91
Delta R.T. -0.006 min
Lab File: BF138651.D
Acq: 25 Jul 2024 14:01

Instrument :

BNA_F

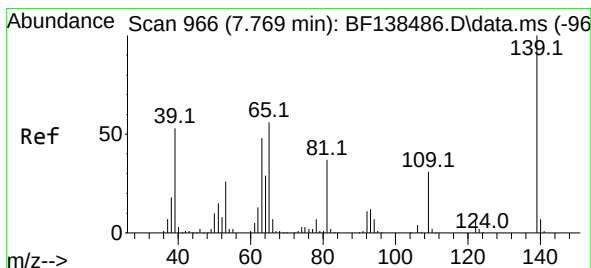
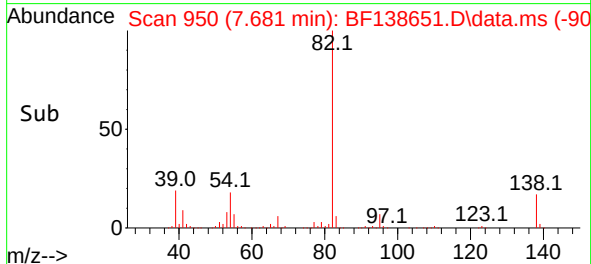
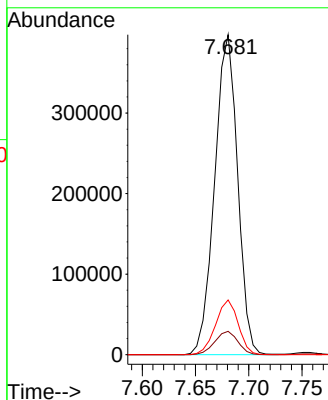
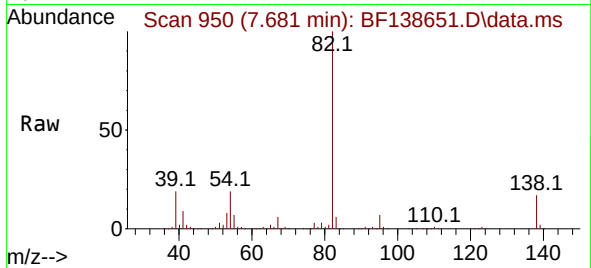
ClientSampleId :

PB162271BS

Tgt Ion: 82 Resp: 59377
Ion Ratio Lower Upper
82 100
95 7.3 6.0 9.0
138 17.1 12.8 19.2

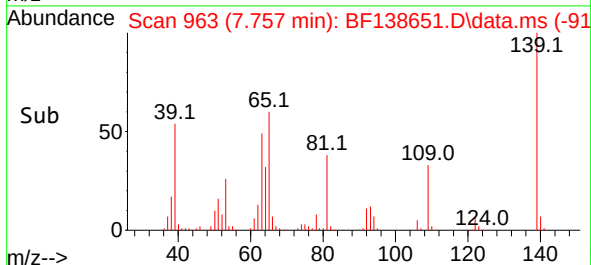
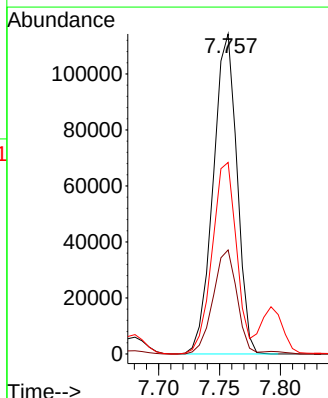
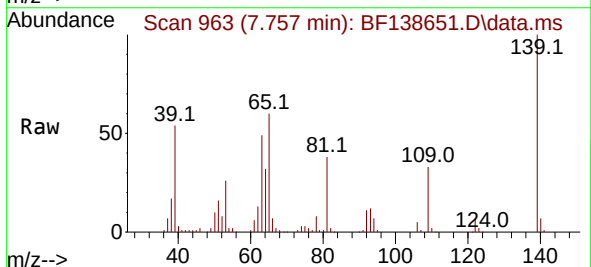
Manual Integrations
APPROVED

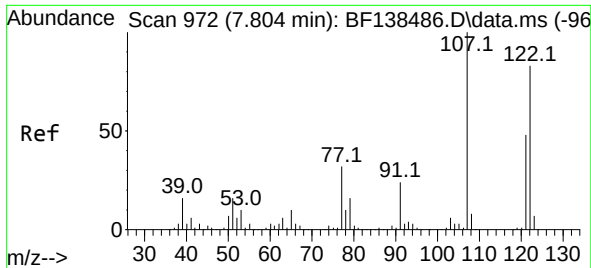
Reviewed By :Jagrut Upadhyay 07/26/2024
Supervised By :mohammad ahmed 07/27/2024



#26
2-Nitrophenol
Concen: 47.538 ng
RT: 7.757 min Scan# 963
Delta R.T. -0.012 min
Lab File: BF138651.D
Acq: 25 Jul 2024 14:01

Tgt Ion:139 Resp: 155615
Ion Ratio Lower Upper
139 100
109 32.5 24.8 37.2
65 59.9 45.1 67.7





#27
2,4-Dimethylphenol
Concen: 49.854 ng m
RT: 7.792 min Scan# 90
Delta R.T. -0.012 min
Lab File: BF138651.D
Acq: 25 Jul 2024 14:01

Instrument :

BNA_F

ClientSampleId :

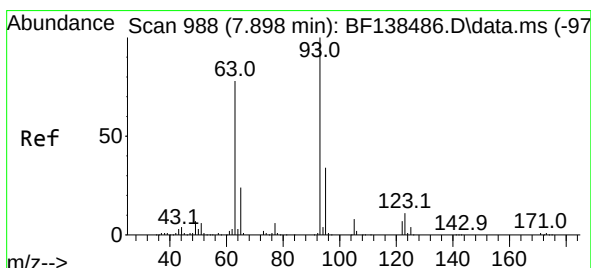
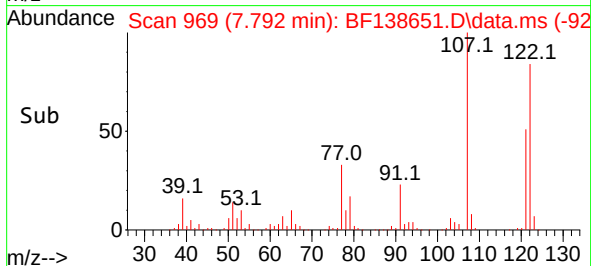
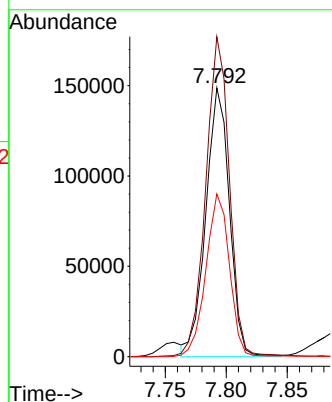
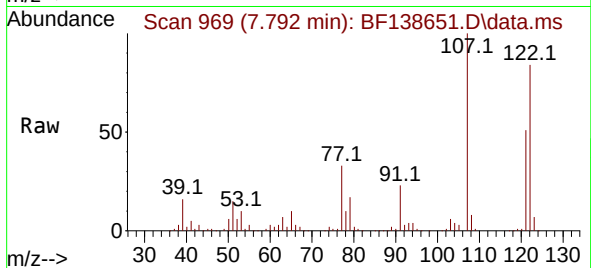
PB162271BS

Tgt Ion:122 Resp: 200580
Ion Ratio Lower Upper
122 100
107 119.0 96.3 144.5
121 60.5 46.7 70.1

Manual Integrations

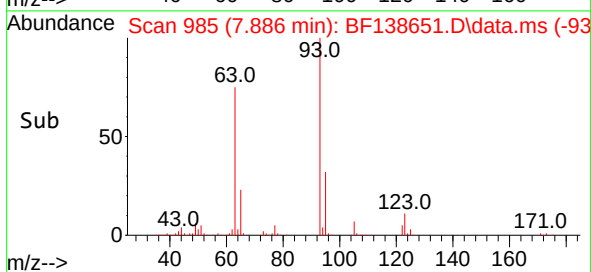
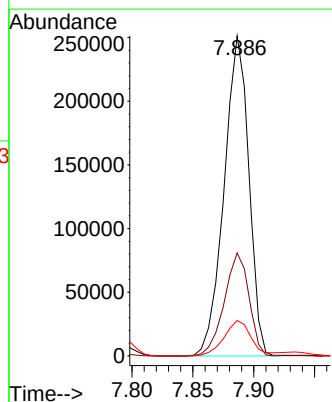
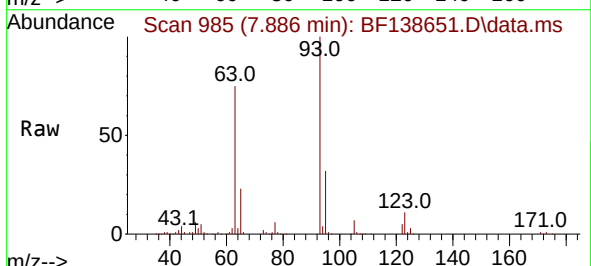
APPROVED

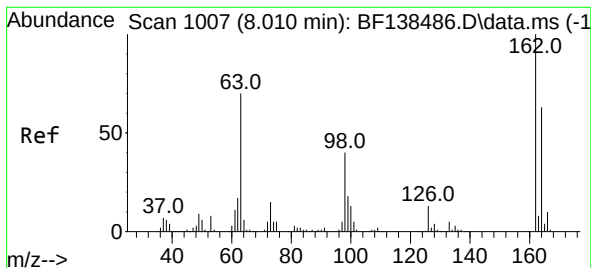
Reviewed By :Jagrut Upadhyay 07/26/2024
Supervised By :mohammad ahmed 07/27/2024



#28
bis(2-Chloroethoxy)methane
Concen: 45.999 ng
RT: 7.886 min Scan# 985
Delta R.T. -0.012 min
Lab File: BF138651.D
Acq: 25 Jul 2024 14:01

Tgt Ion: 93 Resp: 354817
Ion Ratio Lower Upper
93 100
95 32.2 27.0 40.6
123 11.1 9.1 13.7





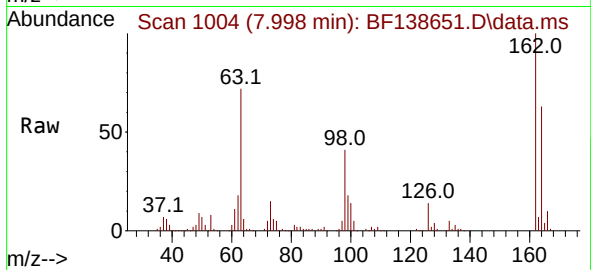
#29
2,4-Dichlorophenol
Concen: 44.993 ng
RT: 7.998 min Scan# 1004
Delta R.T. -0.012 min
Lab File: BF138651.D
Acq: 25 Jul 2024 14:01

Instrument :

BNA_F

ClientSampleId :

PB162271BS

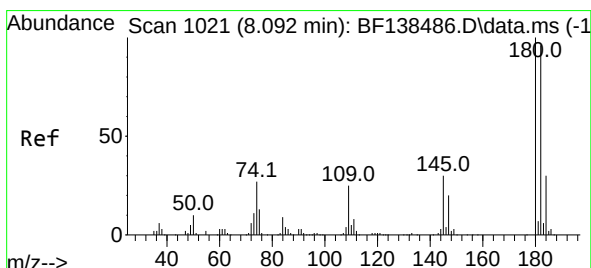
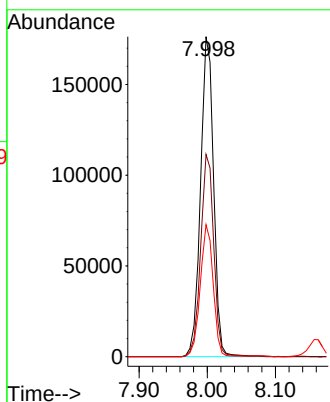
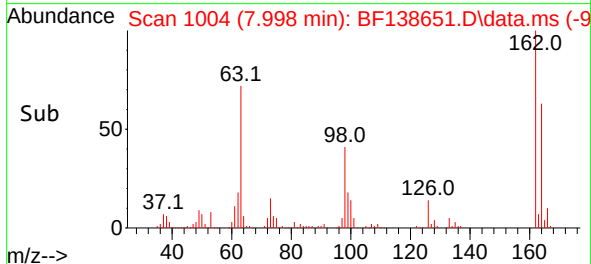


Tgt Ion:162 Resp: 23507
Ion Ratio Lower Upper
162 100
164 63.2 42.6 82.6
98 41.2 20.1 60.1

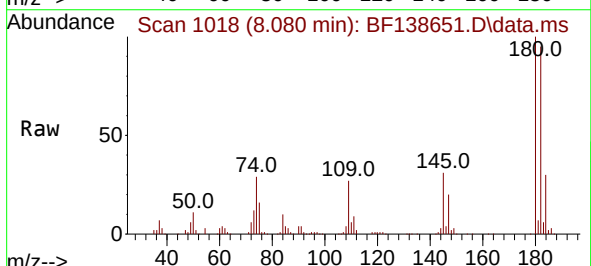
Manual Integrations

APPROVED

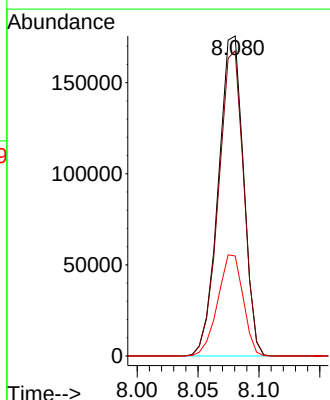
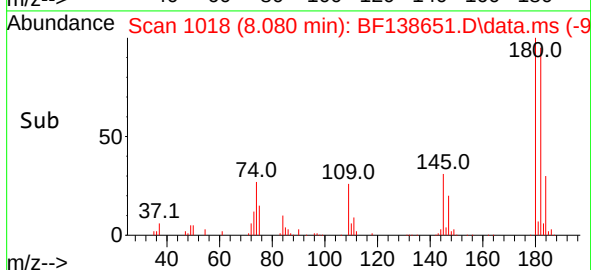
Reviewed By :Jagrut Upadhyay 07/26/2024
Supervised By :mohammad ahmed 07/27/2024

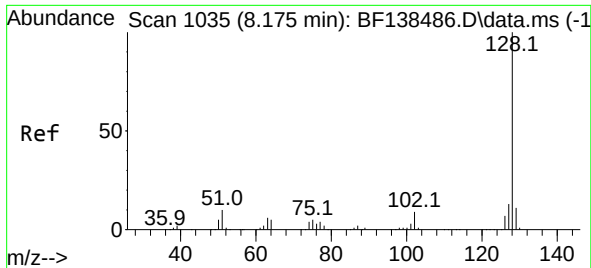


#30
1,2,4-Trichlorobenzene
Concen: 41.372 ng
RT: 8.080 min Scan# 1018
Delta R.T. -0.012 min
Lab File: BF138651.D
Acq: 25 Jul 2024 14:01



Tgt Ion:180 Resp: 251806
Ion Ratio Lower Upper
180 100
182 95.3 76.9 115.3
145 31.2 23.9 35.9





#31
Naphthalene
Concen: 44.052 ng
RT: 8.163 min Scan# 1035
Delta R.T. -0.012 min
Lab File: BF138651.D
Acq: 25 Jul 2024 14:01

Instrument :

BNA_F

ClientSampleId :

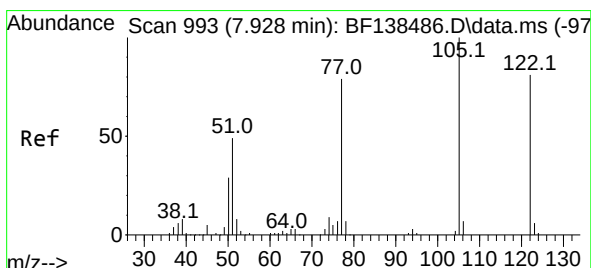
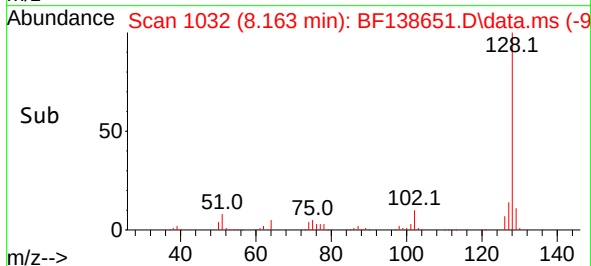
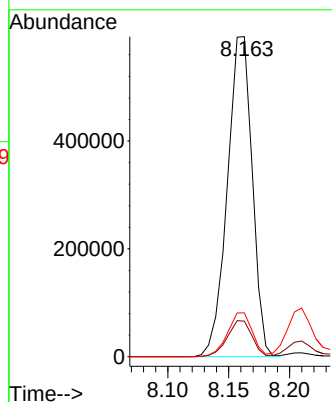
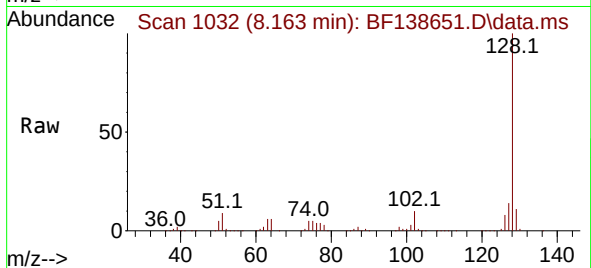
PB162271BS

Tgt Ion:128 Resp: 84542
Ion Ratio Lower Upper
128 100
129 11.1 8.6 13.0
127 13.7 10.7 16.1

Manual Integrations

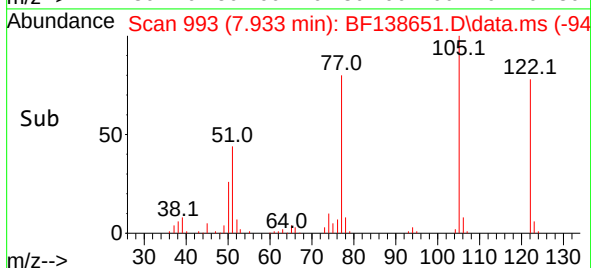
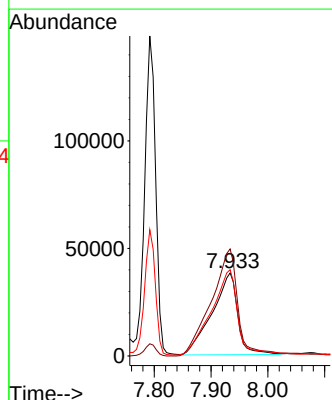
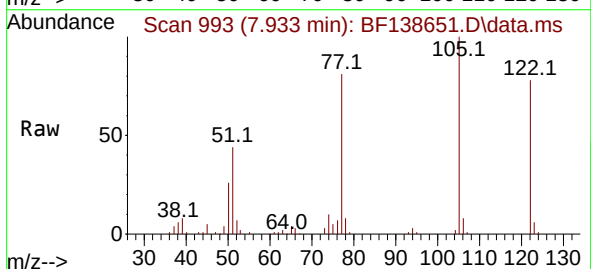
APPROVED

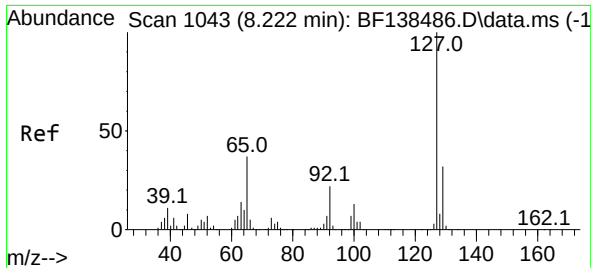
Reviewed By :Jagrut Upadhyay 07/26/2024
Supervised By :mohammad ahmed 07/27/2024



#32
Benzoic acid
Concen: 31.160 ng
RT: 7.933 min Scan# 993
Delta R.T. 0.006 min
Lab File: BF138651.D
Acq: 25 Jul 2024 14:01

Tgt Ion:122 Resp: 119572
Ion Ratio Lower Upper
122 100
105 128.8 101.5 141.5
77 103.9 77.3 117.3





#33
4-Chloroaniline
Concen: 22.967 ng
RT: 8.210 min Scan# 1040
Delta R.T. -0.012 min
Lab File: BF138651.D
Acq: 25 Jul 2024 14:01

Instrument :

BNA_F

ClientSampleId :

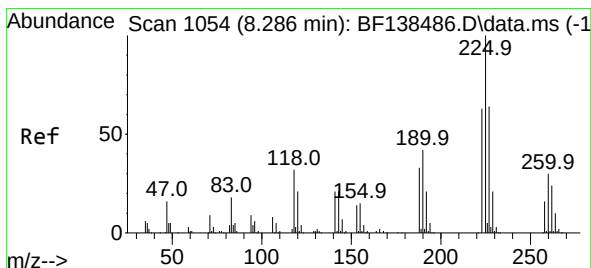
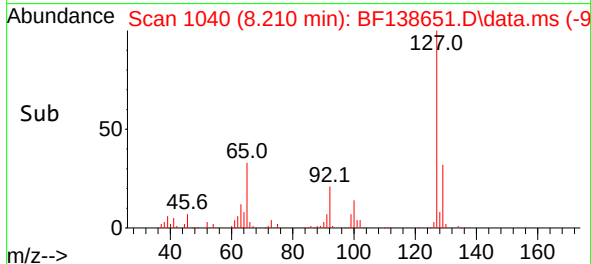
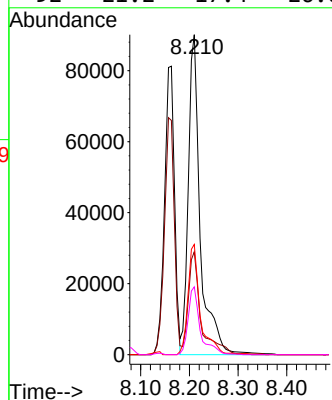
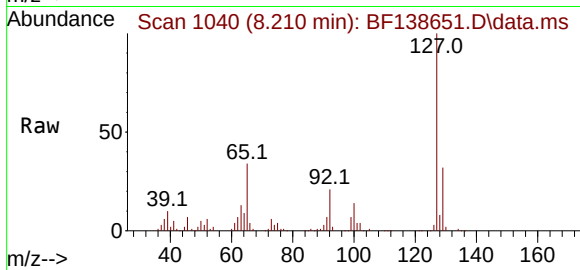
PB162271BS

Tgt Ion:127 Resp: 154650
Ion Ratio Lower Upper
127 100
129 32.2 25.6 38.4
65 34.5 29.6 44.4
92 21.2 17.4 26.0

Manual Integrations

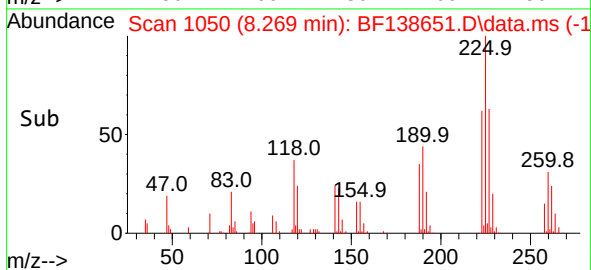
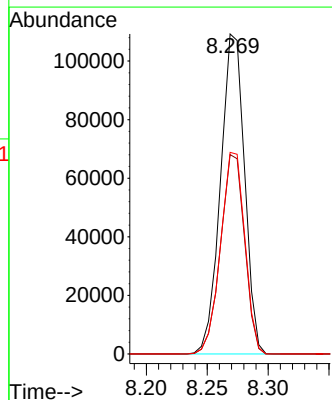
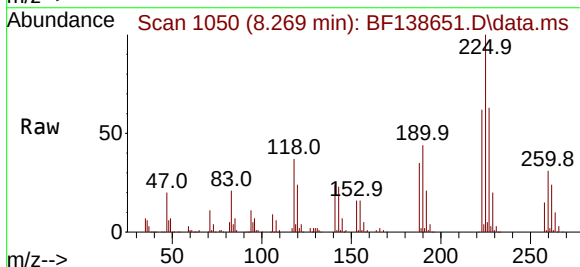
APPROVED

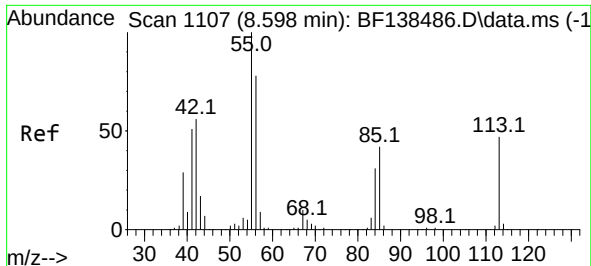
Reviewed By :Jagrut Upadhyay 07/26/2024
Supervised By :mohammad ahmed 07/27/2024



#34
Hexachlorobutadiene
Concen: 40.062 ng
RT: 8.269 min Scan# 1050
Delta R.T. -0.018 min
Lab File: BF138651.D
Acq: 25 Jul 2024 14:01

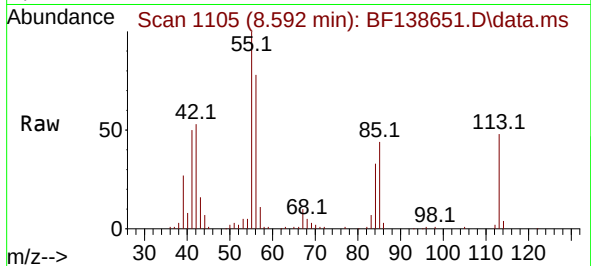
Tgt Ion:225 Resp: 150150
Ion Ratio Lower Upper
225 100
223 62.3 50.0 75.0
227 63.0 51.0 76.6





#35
Caprolactam
Concen: 41.836 ng m
RT: 8.592 min Scan# 1105
Delta R.T. -0.006 min
Lab File: BF138651.D
Acq: 25 Jul 2024 14:01

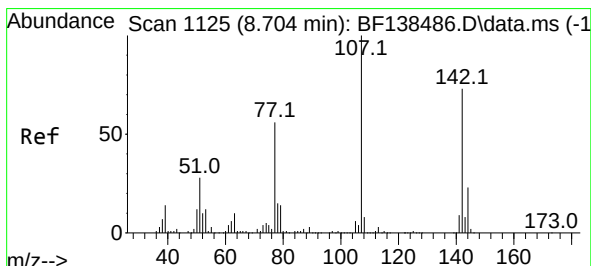
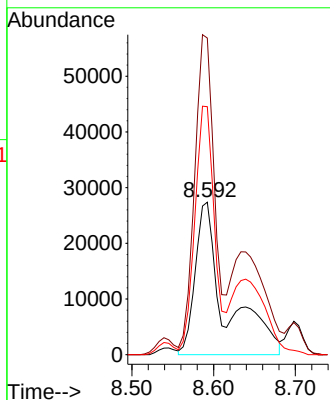
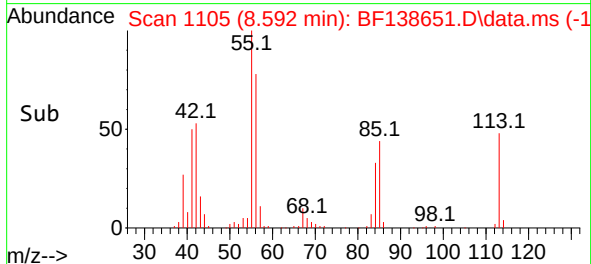
Instrument :
BNA_F
ClientSampleId :
PB162271BS



Tgt Ion:113 Resp: 70532
Ion Ratio Lower Upper
113 100
55 207.7 192.5 232.5
56 162.7 145.3 185.3

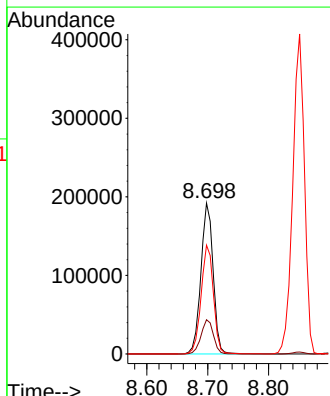
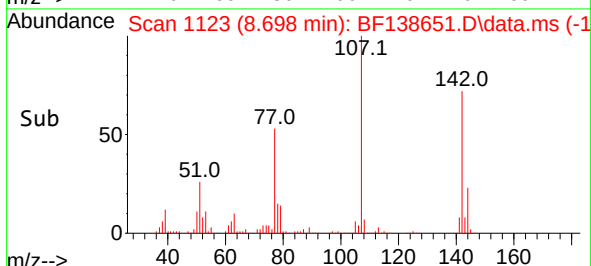
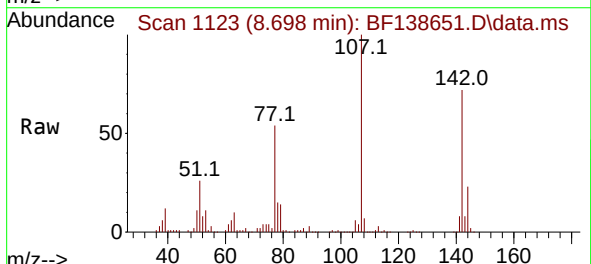
Manual Integrations
APPROVED

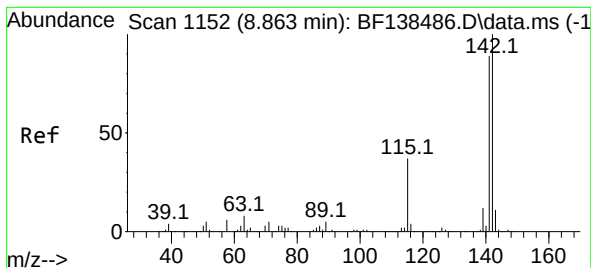
Reviewed By :Jagrut Upadhyay 07/26/2024
Supervised By :mohammad ahmed 07/27/2024



#36
4-Chloro-3-methylphenol
Concen: 45.982 ng
RT: 8.698 min Scan# 1123
Delta R.T. -0.006 min
Lab File: BF138651.D
Acq: 25 Jul 2024 14:01

Tgt Ion:107 Resp: 268954
Ion Ratio Lower Upper
107 100
144 22.7 18.6 27.8
142 72.2 58.6 88.0





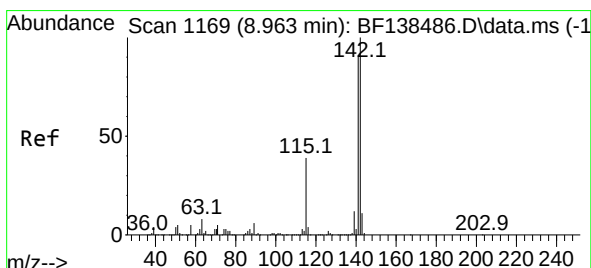
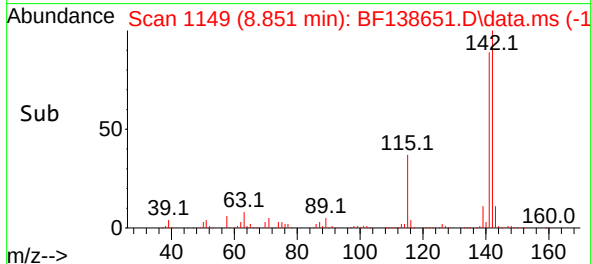
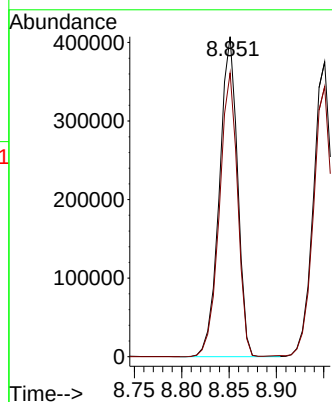
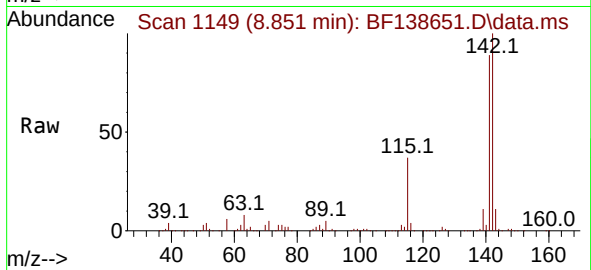
#37
2-Methylnaphthalene
Concen: 44.019 ng
RT: 8.851 min Scan# 1149
Delta R.T. -0.012 min
Lab File: BF138651.D
Acq: 25 Jul 2024 14:01

Instrument :
BNA_F
ClientSampleId :
PB162271BS

Tgt Ion:142 Resp: 54364
Ion Ratio Lower Upper
142 100
141 88.7 71.4 107.0

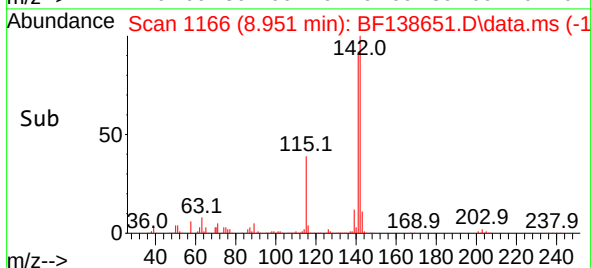
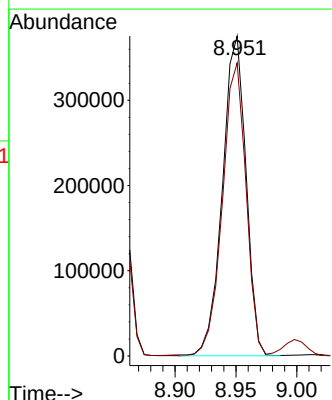
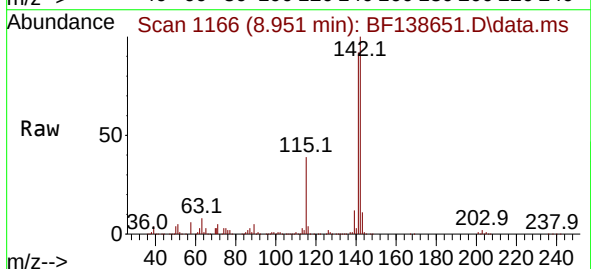
Manual Integrations
APPROVED

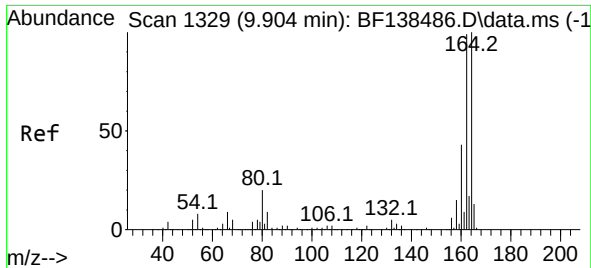
Reviewed By :Jagrut Upadhyay 07/26/2024
Supervised By :mohammad ahmed 07/27/2024



#38
1-Methylnaphthalene
Concen: 41.809 ng
RT: 8.951 min Scan# 1166
Delta R.T. -0.012 min
Lab File: BF138651.D
Acq: 25 Jul 2024 14:01

Tgt Ion:142 Resp: 503927
Ion Ratio Lower Upper
142 100
141 91.6 72.6 108.8





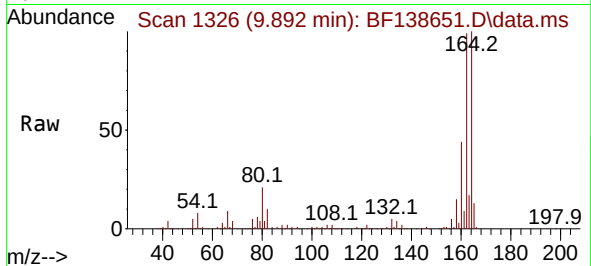
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.892 min Scan# 1177
Delta R.T. -0.012 min
Lab File: BF138651.D
Acq: 25 Jul 2024 14:01

Instrument :

BNA_F

ClientSampleId :

PB162271BS

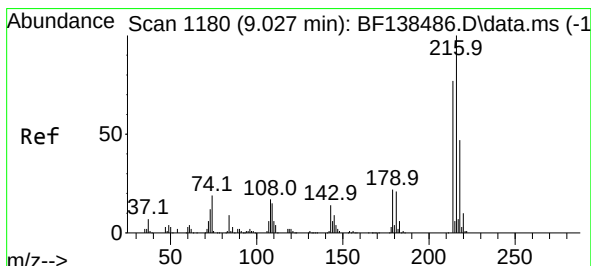
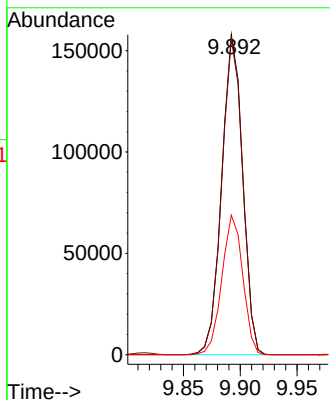
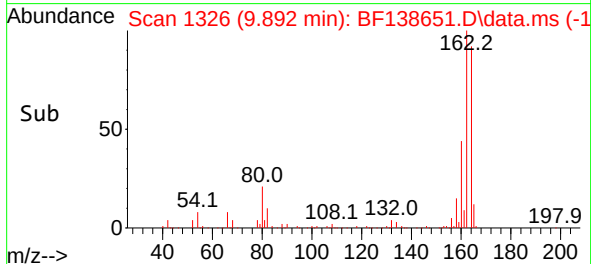


Tgt Ion:164 Resp: 202918
Ion Ratio Lower Upper
164 100
162 98.7 79.0 118.6
160 43.6 34.4 51.6

Manual Integrations

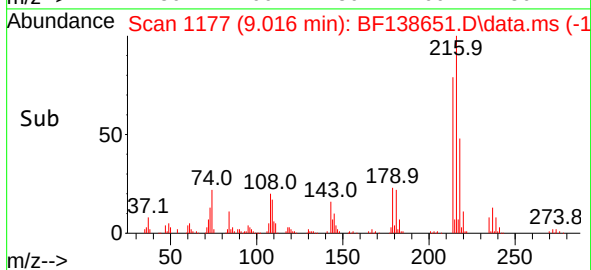
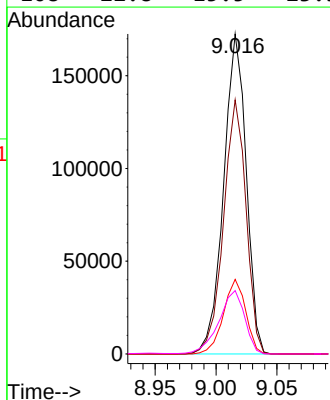
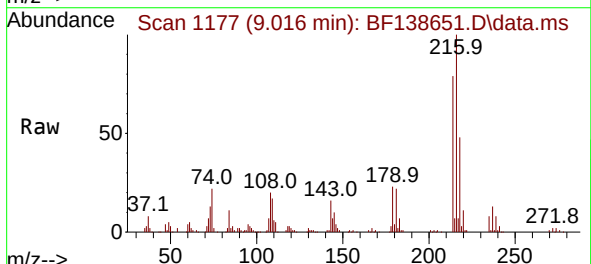
APPROVED

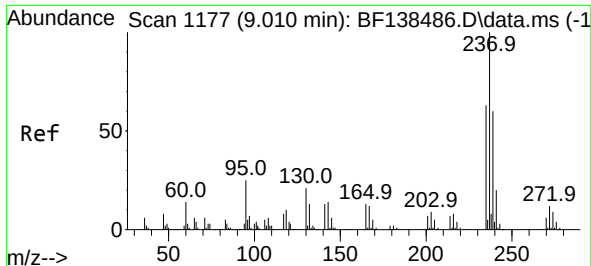
Reviewed By :Jagrut Upadhyay 07/26/2024
Supervised By :mohammad ahmed 07/27/2024



#40
1,2,4,5-Tetrachlorobenzene
Concen: 39.398 ng
RT: 9.016 min Scan# 1177
Delta R.T. -0.012 min
Lab File: BF138651.D
Acq: 25 Jul 2024 14:01

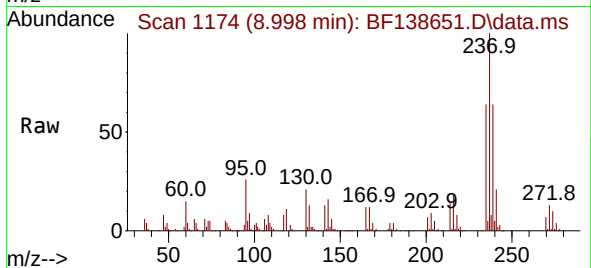
Tgt Ion:216 Resp: 222813
Ion Ratio Lower Upper
216 100
214 79.1 62.8 94.2
179 23.1 17.7 26.5
108 22.8 15.5 23.3





#41
Hexachlorocyclopentadiene
Concen: 105.739 ng
RT: 8.998 min Scan# 1174
Delta R.T. -0.012 min
Lab File: BF138651.D
Acq: 25 Jul 2024 14:01

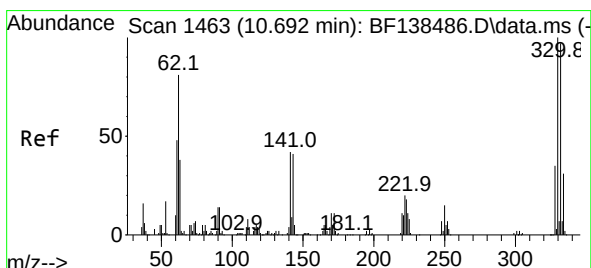
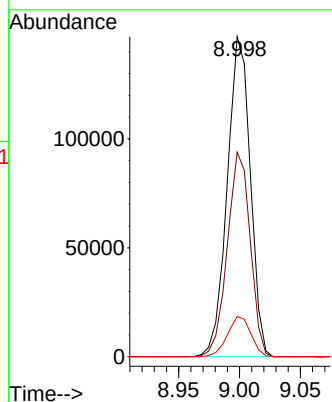
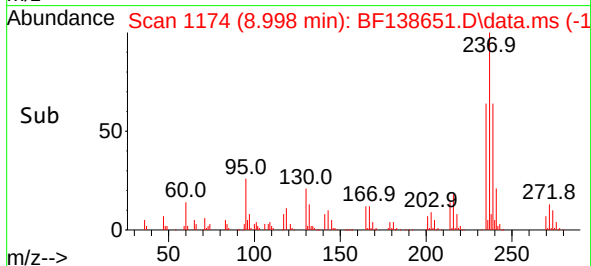
Instrument :
BNA_F
ClientSampleId :
PB162271BS



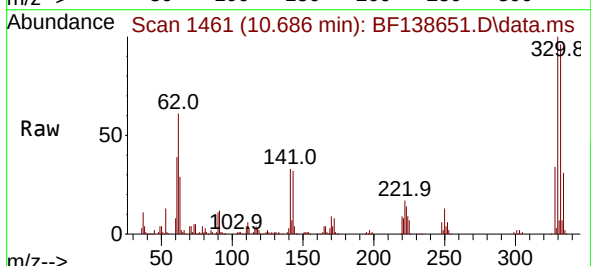
Tgt Ion:237 Resp: 19410
Ion Ratio Lower Upper
237 100
235 63.9 43.3 83.3
272 12.6 0.0 32.3

Manual Integrations
APPROVED

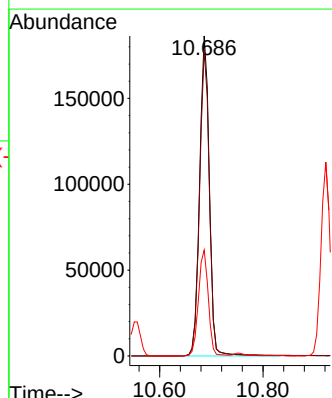
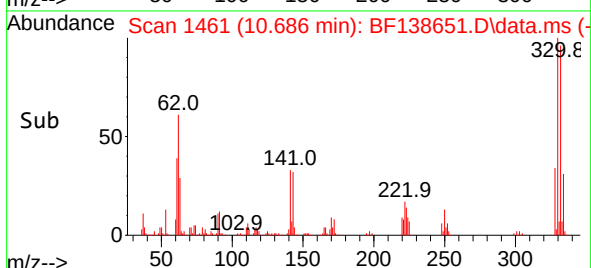
Reviewed By :Jagrut Upadhyay 07/26/2024
Supervised By :mohammad ahmed 07/27/2024

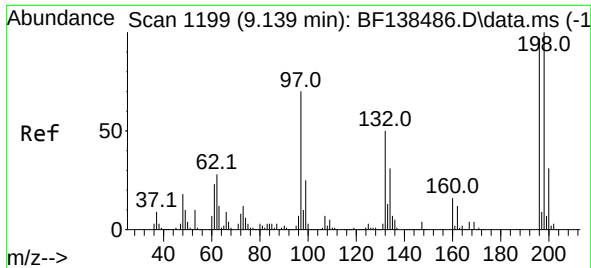


#42
2,4,6-Tribromophenol
Concen: 128.958 ng
RT: 10.686 min Scan# 1461
Delta R.T. -0.006 min
Lab File: BF138651.D
Acq: 25 Jul 2024 14:01



Tgt Ion:330 Resp: 244566
Ion Ratio Lower Upper
330 100
332 95.7 76.8 115.2
141 33.4 29.4 44.2





#43
 2,4,6-Trichlorophenol
 Concen: 43.363 ng
 RT: 9.133 min Scan# 1199
 Delta R.T. -0.006 min
 Lab File: BF138651.D
 Acq: 25 Jul 2024 14:01

Instrument :

BNA_F

ClientSampleId :

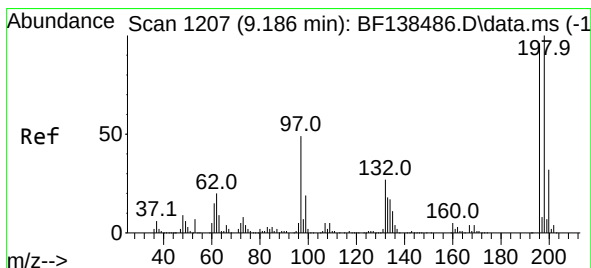
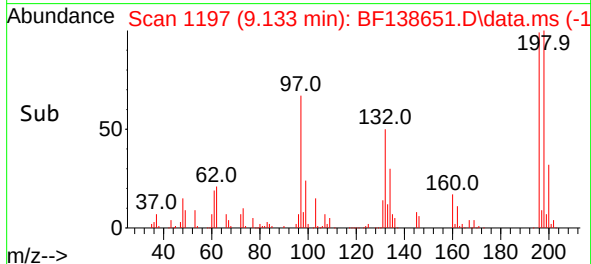
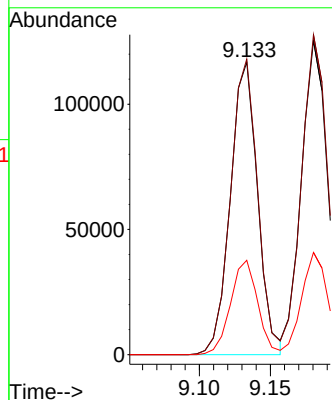
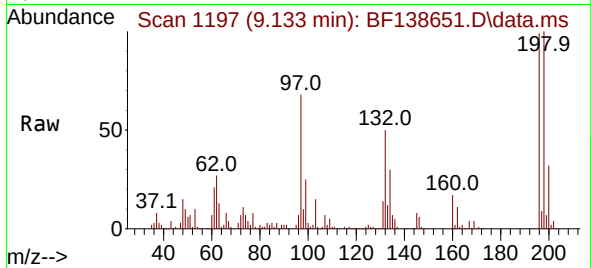
PB162271BS

Tgt Ion:196 Resp: 15643
 Ion Ratio Lower Upper
 196 100
 198 101.1 82.3 123.5
 200 32.3 25.8 38.6

Manual Integrations

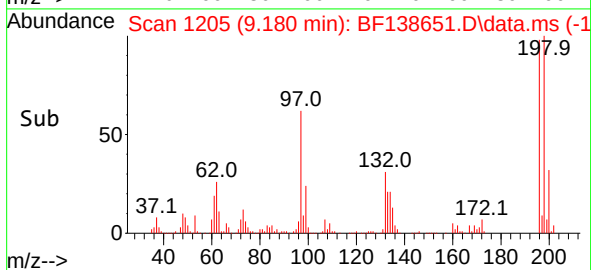
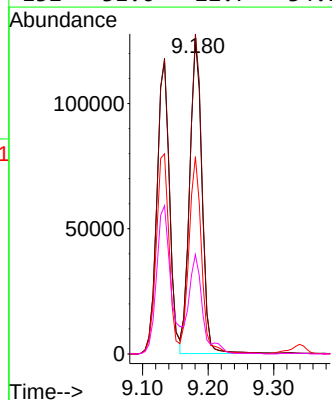
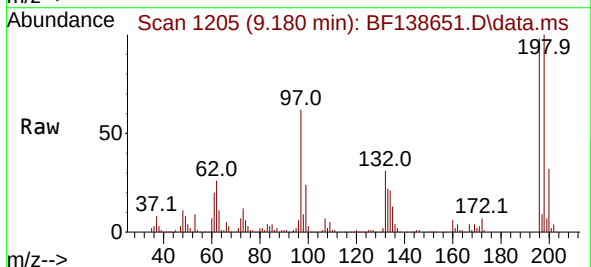
APPROVED

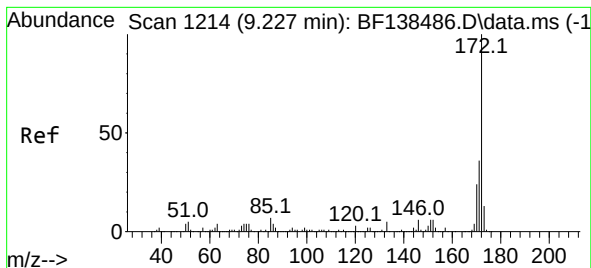
Reviewed By :Jagrut Upadhyay 07/26/2024
 Supervised By :mohammad ahmed 07/27/2024



#44
 2,4,5-Trichlorophenol
 Concen: 41.096 ng
 RT: 9.180 min Scan# 1205
 Delta R.T. -0.006 min
 Lab File: BF138651.D
 Acq: 25 Jul 2024 14:01

Tgt Ion:196 Resp: 163061
 Ion Ratio Lower Upper
 196 100
 198 101.9 82.8 124.2
 97 62.8 41.0 61.4#
 132 31.6 22.7 34.1





#45

2-Fluorobiphenyl

Concen: 82.369 ng

RT: 9.216 min Scan# 11

Delta R.T. -0.012 min

Lab File: BF138651.D

Acq: 25 Jul 2024 14:01

Instrument :

BNA_F

ClientSampleId :

PB162271BS

Tgt Ion:172 Resp: 1069420

Ion Ratio Lower Upper

172 100

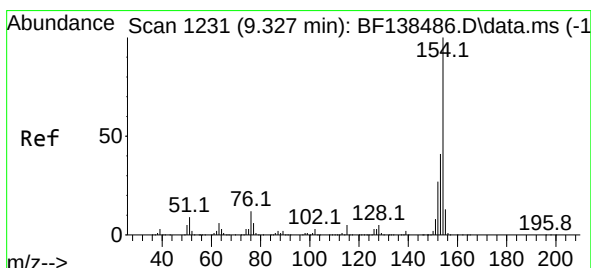
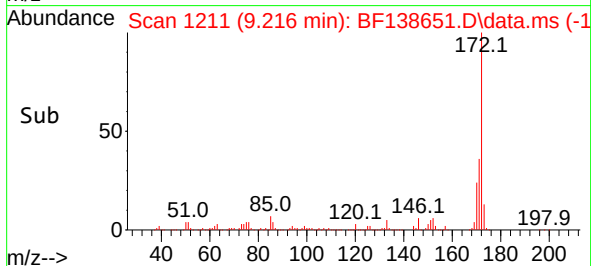
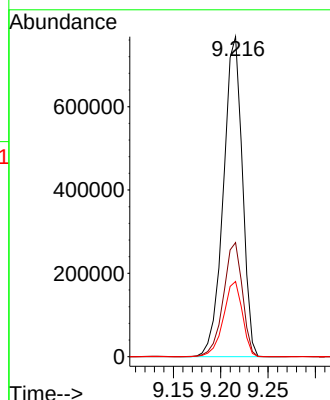
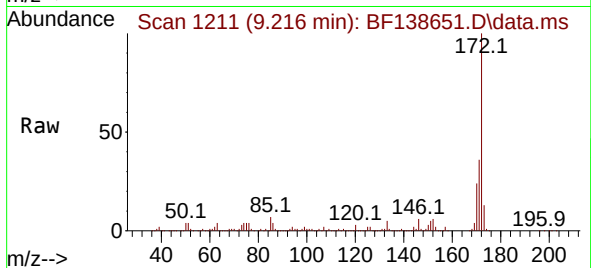
171 35.6 28.9 43.3

170 23.5 18.9 28.3

Manual Integrations

APPROVED

Reviewed By :Jagrut Upadhyay 07/26/2024
Supervised By :mohammad ahmed 07/27/2024



#46

1,1'-Biphenyl

Concen: 40.999 ng

RT: 9.316 min Scan# 1228

Delta R.T. -0.012 min

Lab File: BF138651.D

Acq: 25 Jul 2024 14:01

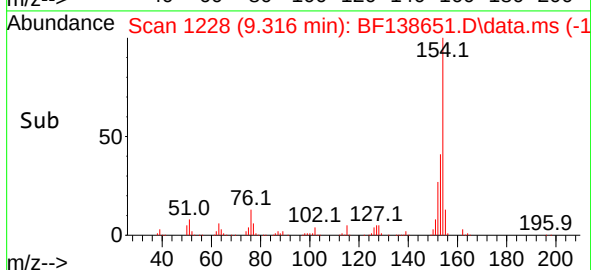
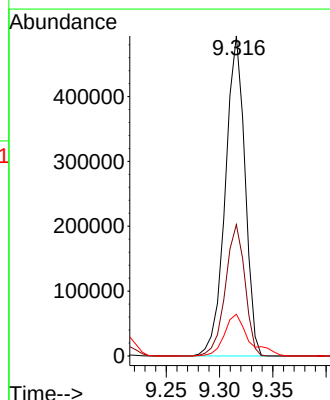
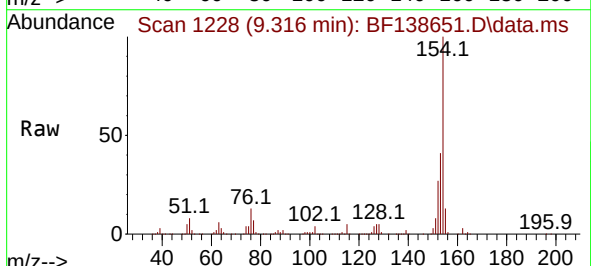
Tgt Ion:154 Resp: 630482

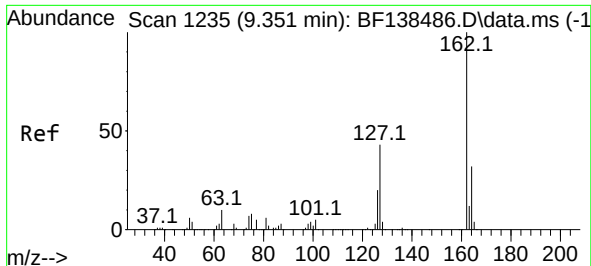
Ion Ratio Lower Upper

154 100

153 41.0 20.7 60.7

76 13.1 0.0 32.2





#47

2-Chloronaphthalene

Concen: 43.326 ng

RT: 9.339 min Scan# 1232

Delta R.T. -0.012 min

Lab File: BF138651.D

Acq: 25 Jul 2024 14:01

Instrument :

BNA_F

ClientSampleId :

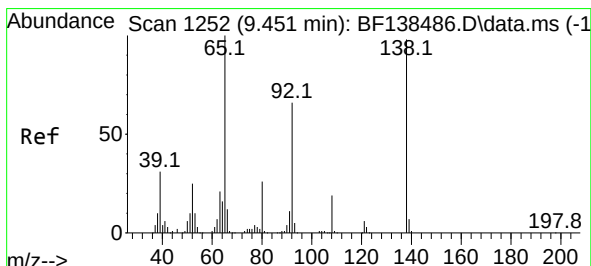
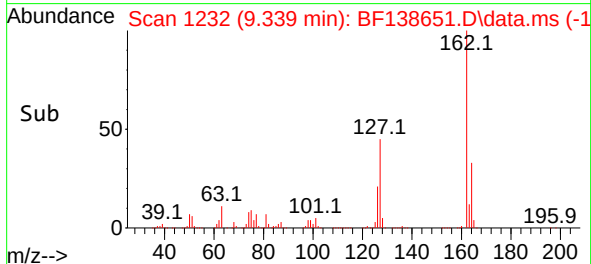
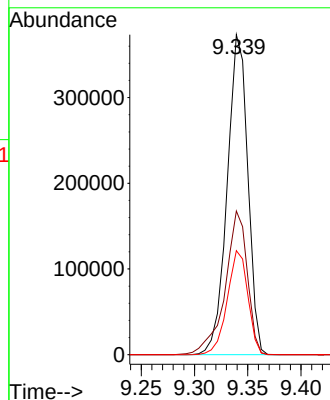
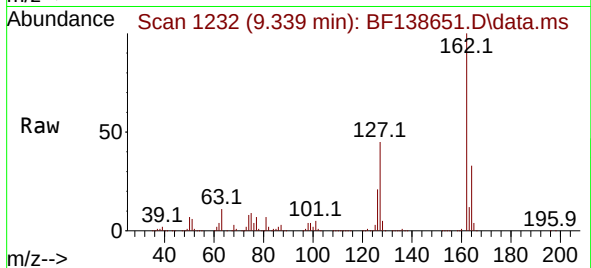
PB162271BS

Tgt Ion:162 Resp: 503333
 Ion Ratio Lower Upper
 162 100
 127 44.9 34.8 52.2
 164 32.5 25.6 38.4

Manual Integrations

APPROVED

Reviewed By :Jagrut Upadhyay 07/26/2024
 Supervised By :mohammad ahmed 07/27/2024



#48

2-Nitroaniline

Concen: 46.877 ng

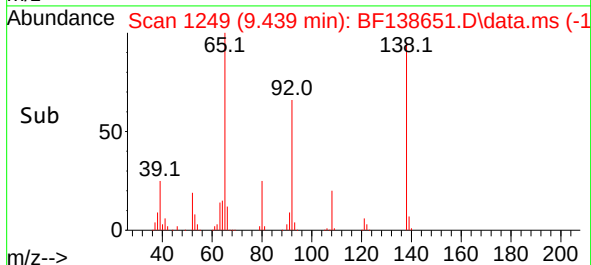
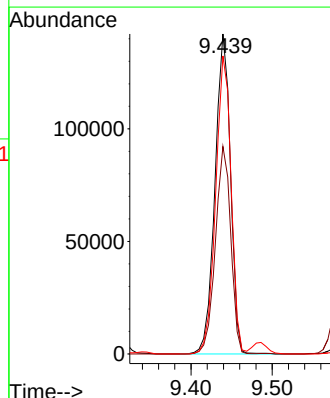
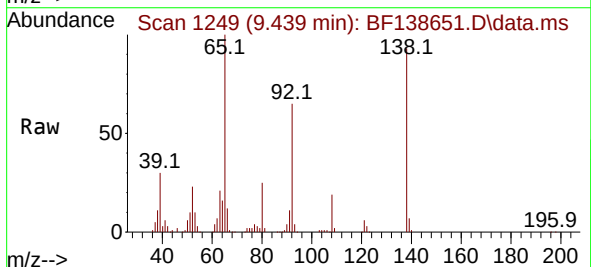
RT: 9.439 min Scan# 1249

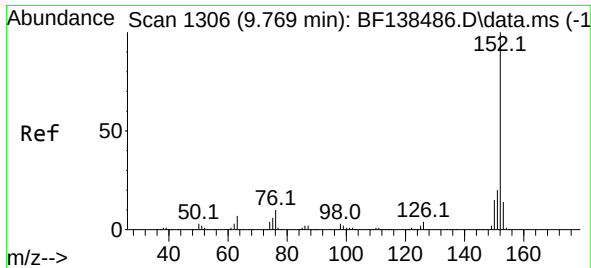
Delta R.T. -0.012 min

Lab File: BF138651.D

Acq: 25 Jul 2024 14:01

Tgt Ion: 65 Resp: 188718
 Ion Ratio Lower Upper
 65 100
 92 64.9 52.6 78.8
 138 93.2 78.6 118.0





#49
Acenaphthylene
Concen: 47.777 ng
RT: 9.757 min Scan# 11
Delta R.T. -0.012 min
Lab File: BF138651.D
Acq: 25 Jul 2024 14:01

Instrument :

BNA_F

ClientSampleId :

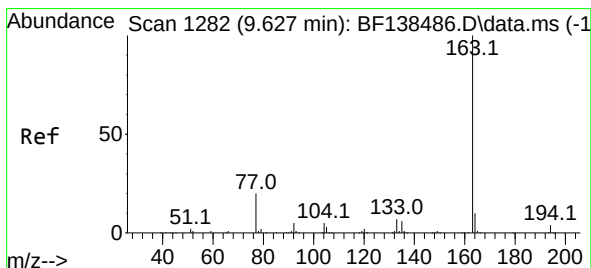
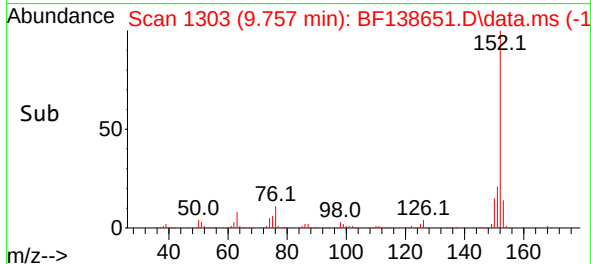
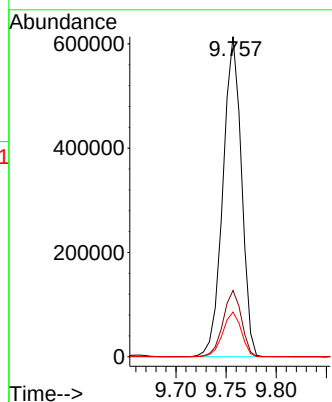
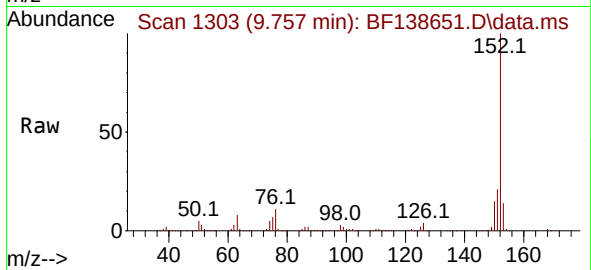
PB162271BS

Tgt Ion:152 Resp: 788038
Ion Ratio Lower Upper
152 100
151 20.7 16.3 24.5
153 14.0 11.3 16.9

Manual Integrations

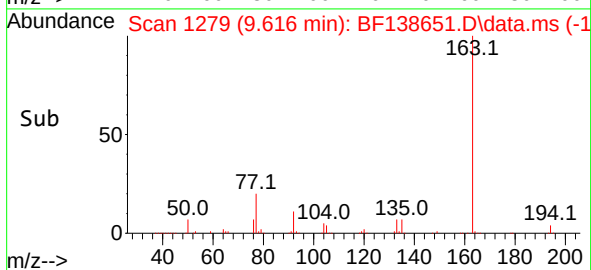
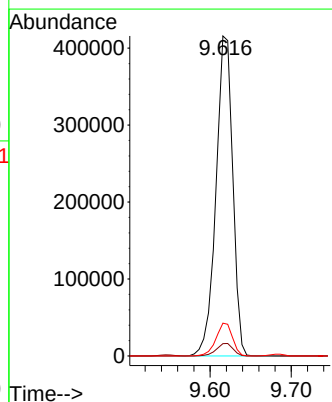
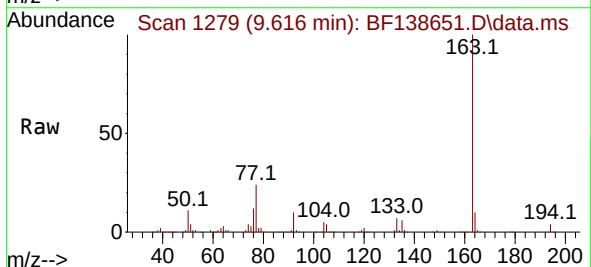
APPROVED

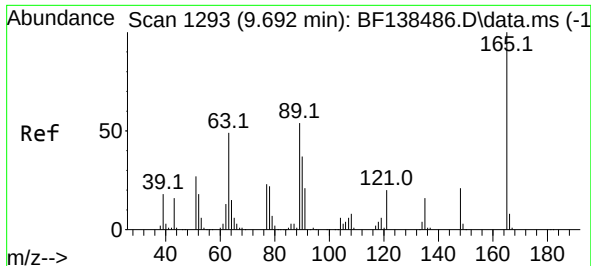
Reviewed By :Jagrut Upadhyay 07/26/2024
Supervised By :mohammad ahmed 07/27/2024



#50
Dimethylphthalate
Concen: 45.553 ng
RT: 9.616 min Scan# 1279
Delta R.T. -0.012 min
Lab File: BF138651.D
Acq: 25 Jul 2024 14:01

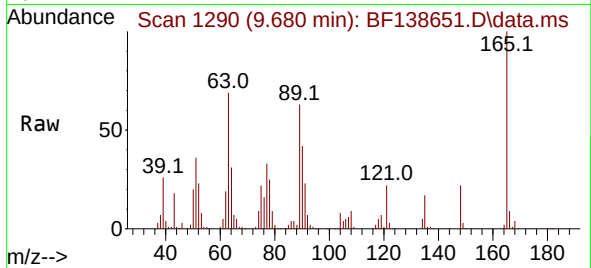
Tgt Ion:163 Resp: 597702
Ion Ratio Lower Upper
163 100
194 3.9 3.0 4.6
164 10.3 8.1 12.1





#51
2,6-Dinitrotoluene
Concen: 44.624 ng
RT: 9.680 min Scan# 1290
Delta R.T. -0.012 min
Lab File: BF138651.D
Acq: 25 Jul 2024 14:01

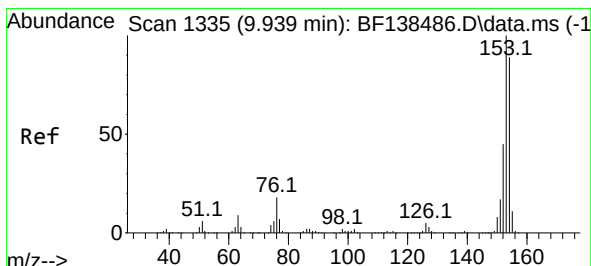
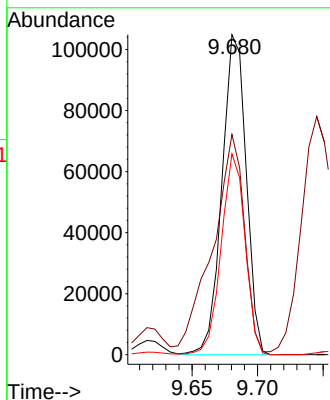
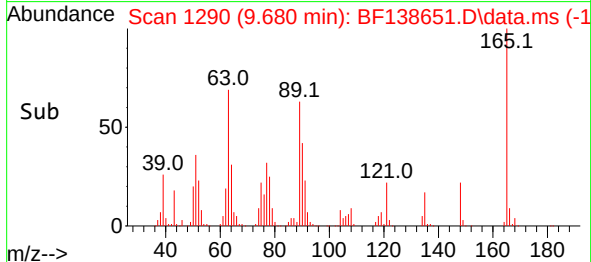
Instrument :
BNA_F
ClientSampleId :
PB162271BS



Tgt Ion:165 Resp: 134812
Ion Ratio Lower Upper
165 100
63 68.8 48.1 72.1
89 62.7 43.0 64.6

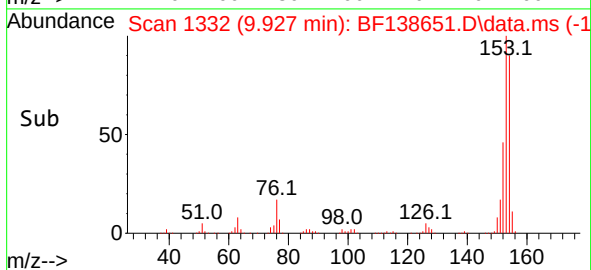
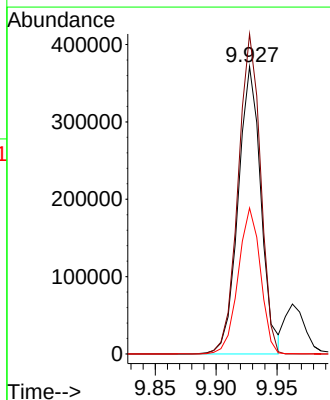
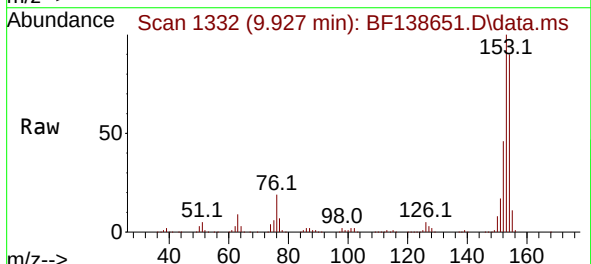
Manual Integrations
APPROVED

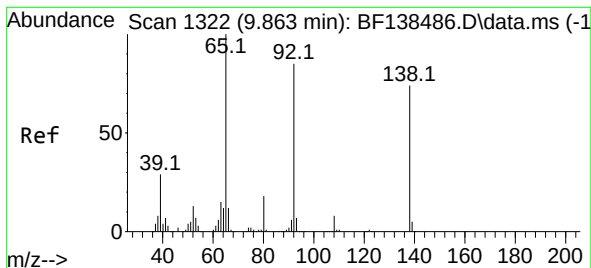
Reviewed By :Jagrut Upadhyay 07/26/2024
Supervised By :mohammad ahmed 07/27/2024



#52
Acenaphthene
Concen: 44.167 ng
RT: 9.927 min Scan# 1332
Delta R.T. -0.012 min
Lab File: BF138651.D
Acq: 25 Jul 2024 14:01

Tgt Ion:154 Resp: 484241
Ion Ratio Lower Upper
154 100
153 111.3 90.4 135.6
152 50.8 41.1 61.7





#53
3-Nitroaniline
Concen: 28.915 ng
RT: 9.851 min Scan# 11
Delta R.T. -0.012 min
Lab File: BF138651.D
Acq: 25 Jul 2024 14:01

Instrument :

BNA_F

ClientSampleId :

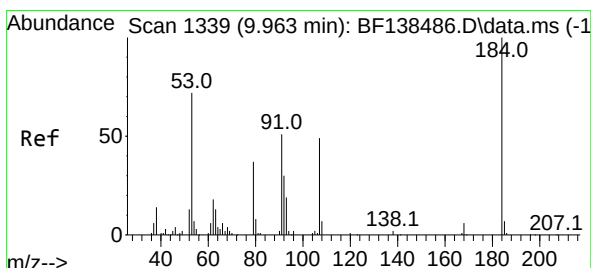
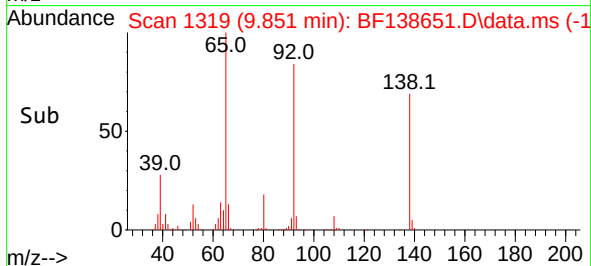
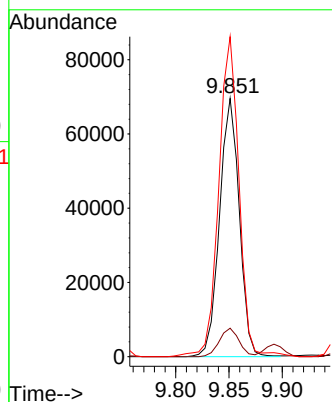
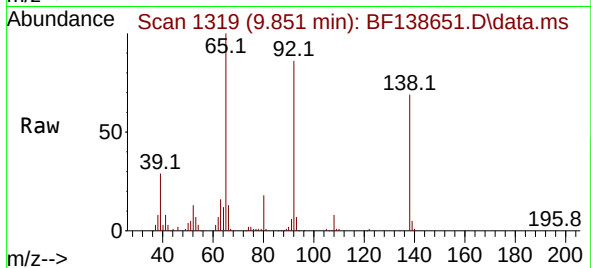
PB162271BS

Tgt Ion:138 Resp: 8953
Ion Ratio Lower Upper
138 100
108 11.0 8.3 12.5
92 123.9 92.6 138.8

Manual Integrations

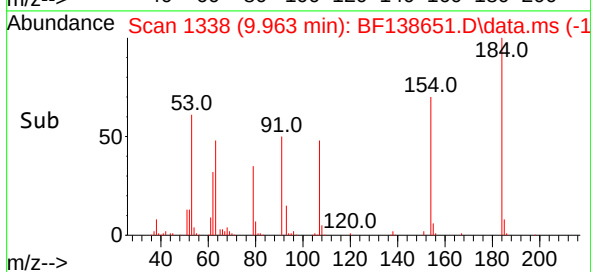
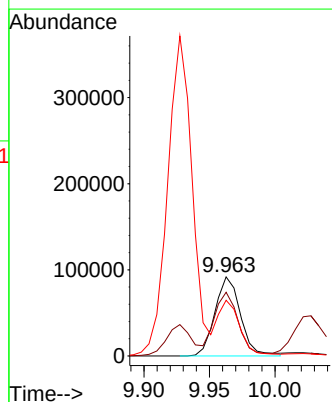
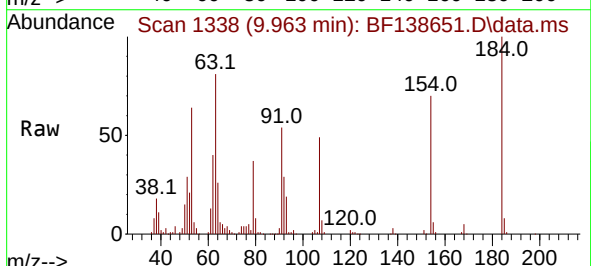
APPROVED

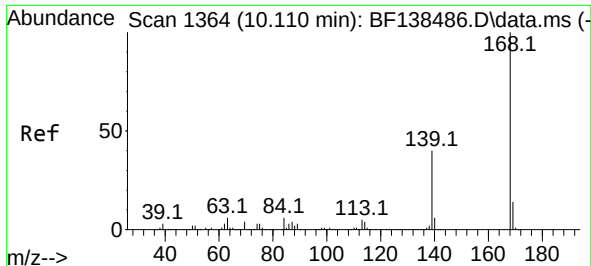
Reviewed By :Jagrut Upadhyay 07/26/2024
Supervised By :mohammad ahmed 07/27/2024



#54
2,4-Dinitrophenol
Concen: 76.928 ng
RT: 9.963 min Scan# 1338
Delta R.T. -0.000 min
Lab File: BF138651.D
Acq: 25 Jul 2024 14:01

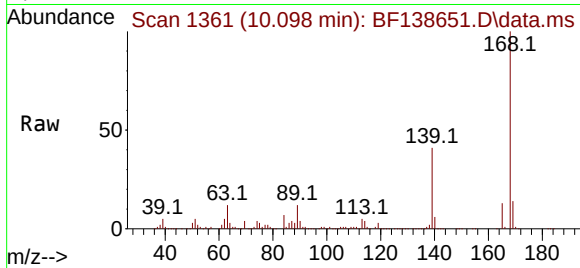
Tgt Ion:184 Resp: 124422
Ion Ratio Lower Upper
184 100
63 80.6 70.6 106.0
154 70.4 53.8 80.6





#55
Dibenzenofuran
Concen: 44.307 ng
RT: 10.098 min Scan# 1361
Delta R.T. -0.012 min
Lab File: BF138651.D
Acq: 25 Jul 2024 14:01

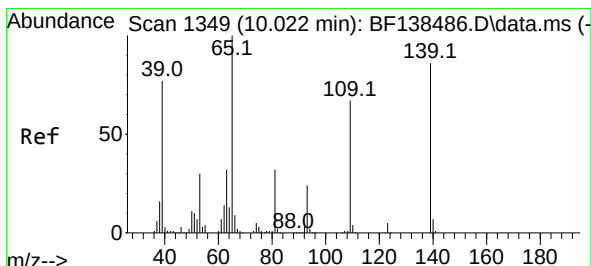
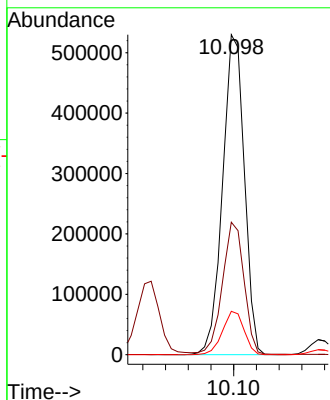
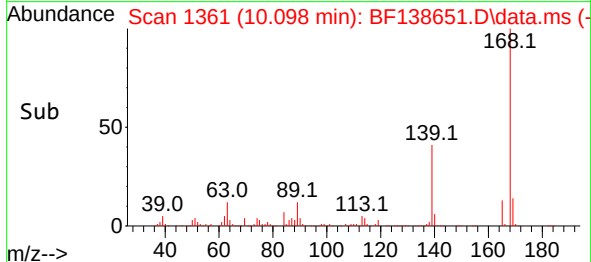
Instrument :
BNA_F
ClientSampleId :
PB162271BS



Tgt Ion:168 Resp: 704600
Ion Ratio Lower Upper
168 100
139 41.4 32.4 48.6
169 13.5 10.9 16.3

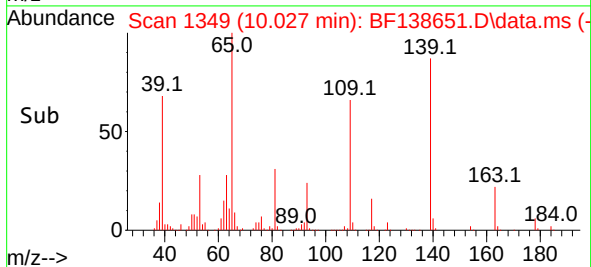
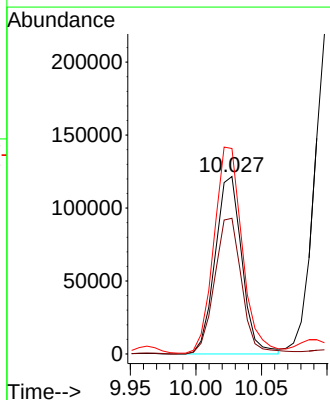
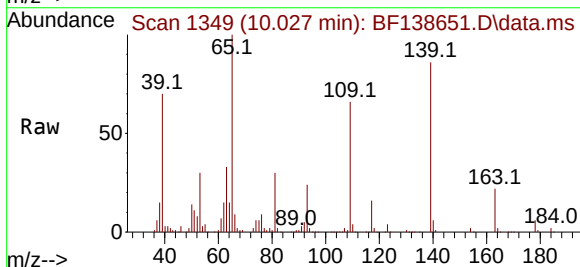
Manual Integrations
APPROVED

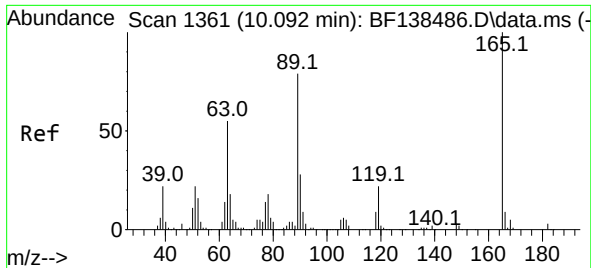
Reviewed By :Jagrut Upadhyay 07/26/2024
Supervised By :mohammad ahmed 07/27/2024



#56
4-Nitrophenol
Concen: 75.652 ng
RT: 10.027 min Scan# 1349
Delta R.T. 0.006 min
Lab File: BF138651.D
Acq: 25 Jul 2024 14:01

Tgt Ion:139 Resp: 172842
Ion Ratio Lower Upper
139 100
109 76.5 58.1 98.1
65 115.8 96.9 136.9





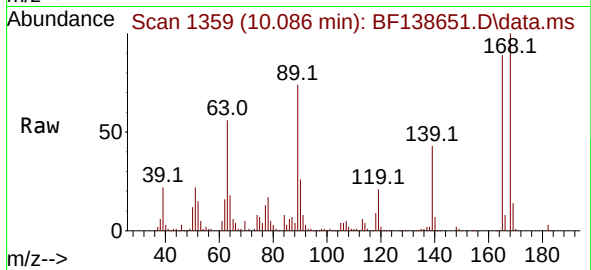
#57
2,4-Dinitrotoluene
Concen: 45.073 ng
RT: 10.086 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF138651.D
Acq: 25 Jul 2024 14:01

Instrument :

BNA_F

ClientSampleId :

PB162271BS

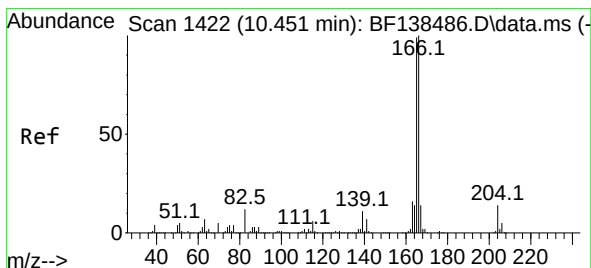
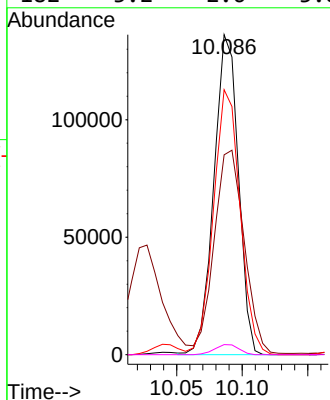
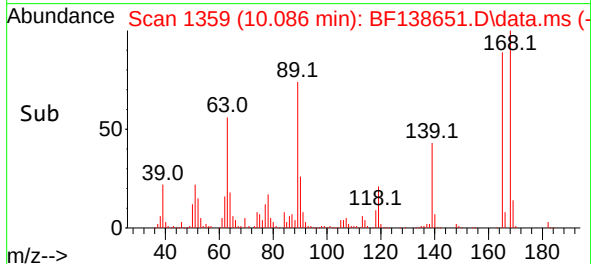


Tgt Ion:165 Resp: 176184
Ion Ratio Lower Upper
165 100
63 62.5 44.6 66.8
89 82.8 63.4 95.2
182 3.2 2.6 3.8

Manual Integrations

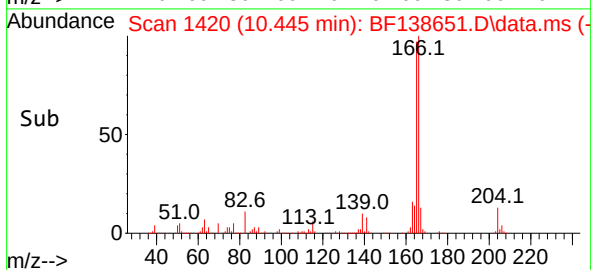
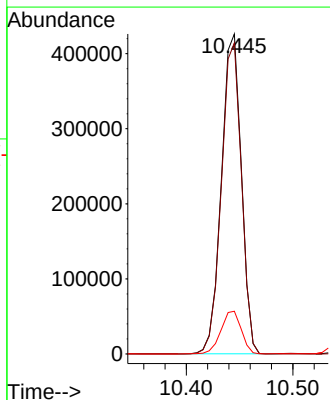
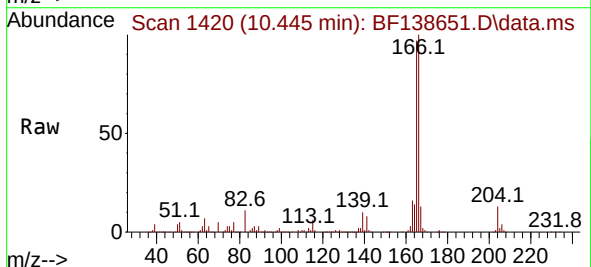
APPROVED

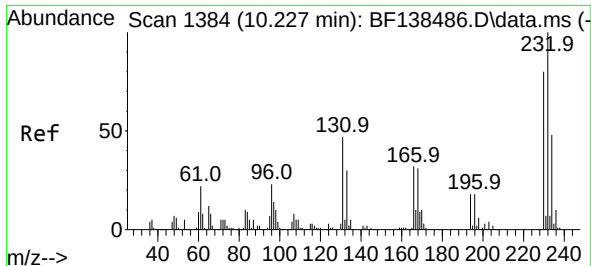
Reviewed By :Jagrut Upadhyay 07/26/2024
Supervised By :mohammad ahmed 07/27/2024



#58
Fluorene
Concen: 44.024 ng
RT: 10.445 min Scan# 1420
Delta R.T. -0.006 min
Lab File: BF138651.D
Acq: 25 Jul 2024 14:01

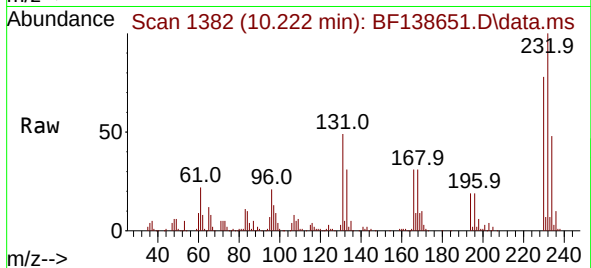
Tgt Ion:166 Resp: 553957
Ion Ratio Lower Upper
166 100
165 97.2 79.1 118.7
167 13.4 11.0 16.6





#59
2,3,4,6-Tetrachlorophenol
Concen: 43.673 ng
RT: 10.222 min Scan# 1382
Delta R.T. -0.006 min
Lab File: BF138651.D
Acq: 25 Jul 2024 14:01

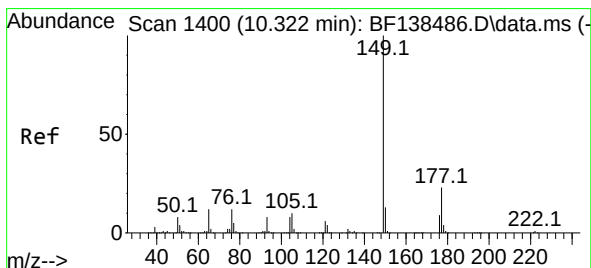
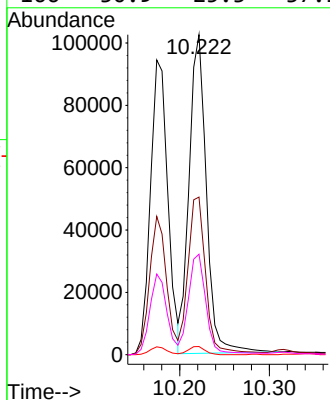
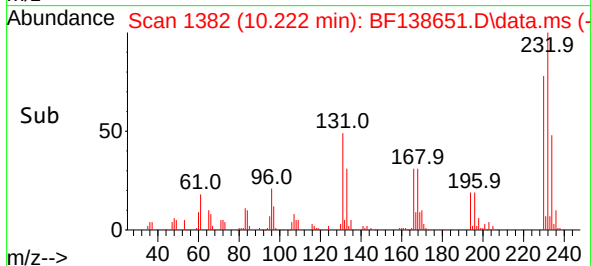
Instrument :
BNA_F
ClientSampleId :
PB162271BS



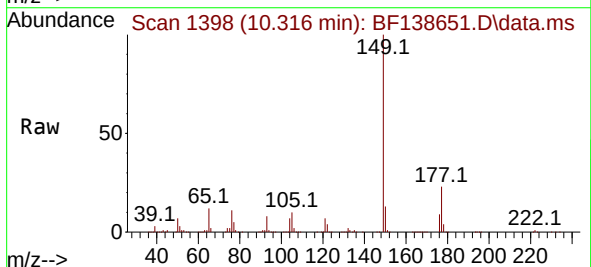
Tgt Ion:232 Resp: 136760
Ion Ratio Lower Upper
232 100
131 50.5 37.5 56.3
130 2.5 2.0 3.0
166 30.9 25.3 37.9

Manual Integrations
APPROVED

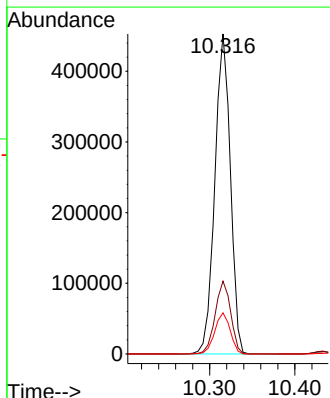
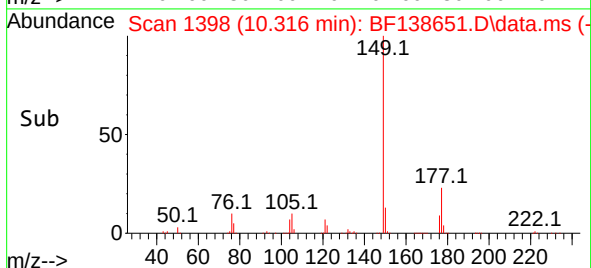
Reviewed By :Jagrut Upadhyay 07/26/2024
Supervised By :mohammad ahmed 07/27/2024

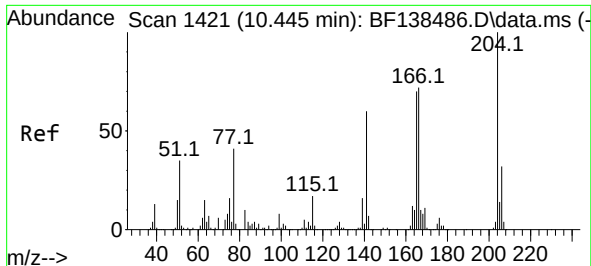


#60
Diethylphthalate
Concen: 45.412 ng
RT: 10.316 min Scan# 1398
Delta R.T. -0.006 min
Lab File: BF138651.D
Acq: 25 Jul 2024 14:01



Tgt Ion:149 Resp: 574432
Ion Ratio Lower Upper
149 100
177 22.7 18.5 27.7
150 12.9 10.3 15.5





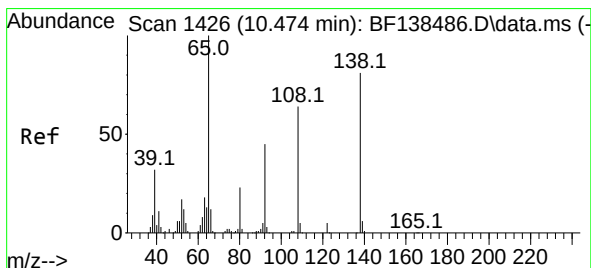
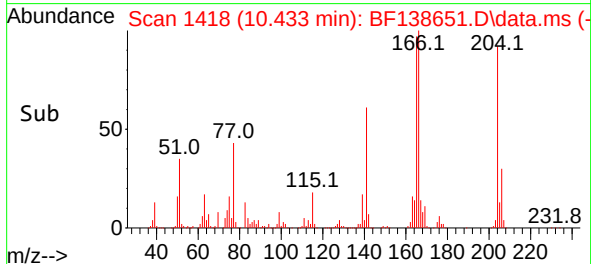
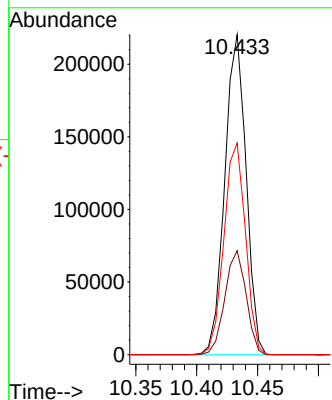
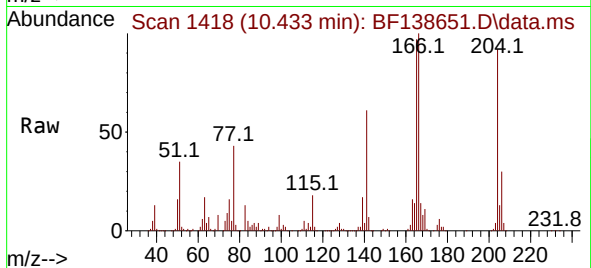
#61
4-Chlorophenyl-phenylether
Concen: 42.502 ng
RT: 10.433 min Scan# 1418
Delta R.T. -0.012 min
Lab File: BF138651.D
Acq: 25 Jul 2024 14:01

Instrument :
BNA_F
ClientSampleId :
PB162271BS

Tgt Ion:204 Resp: 26855
Ion Ratio Lower Upper
204 100
206 32.5 25.6 38.4
141 66.1 47.7 71.5

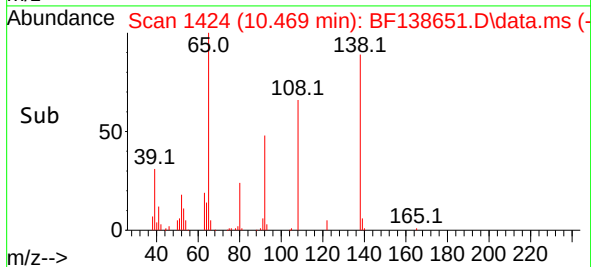
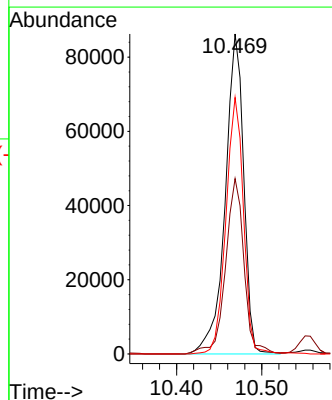
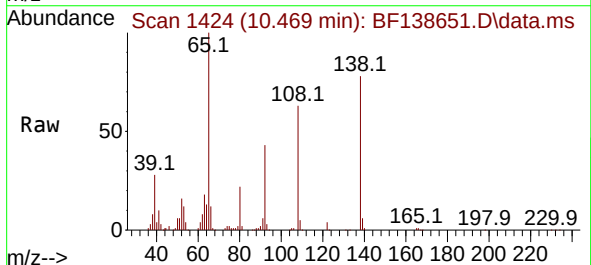
Manual Integrations
APPROVED

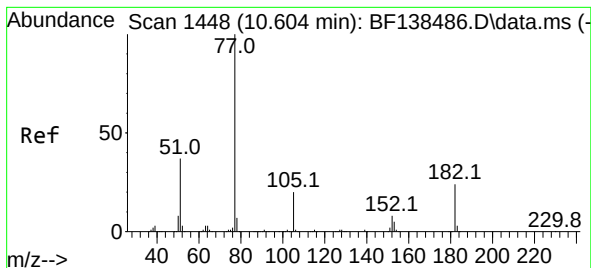
Reviewed By :Jagrut Upadhyay 07/26/2024
Supervised By :mohammad ahmed 07/27/2024



#62
4-Nitroaniline
Concen: 41.960 ng
RT: 10.469 min Scan# 1424
Delta R.T. -0.006 min
Lab File: BF138651.D
Acq: 25 Jul 2024 14:01

Tgt Ion:138 Resp: 130196
Ion Ratio Lower Upper
138 100
92 54.8 35.8 75.8
108 80.1 59.8 99.8





#63

Azobenzene

Concen: 46.246 ng

RT: 10.592 min Scan# 1445

Delta R.T. -0.012 min

Lab File: BF138651.D

Acq: 25 Jul 2024 14:01

Instrument :

BNA_F

ClientSampleId :

PB162271BS

Tgt Ion: 77 Resp: 628934

Ion Ratio Lower Upper

77 100

182 22.9 3.8 43.8

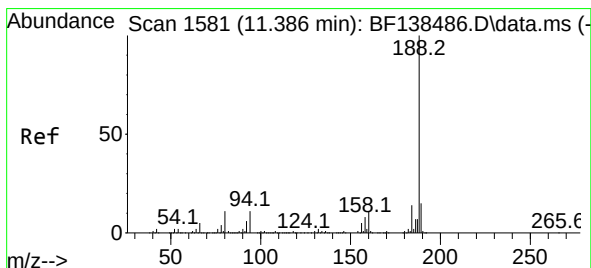
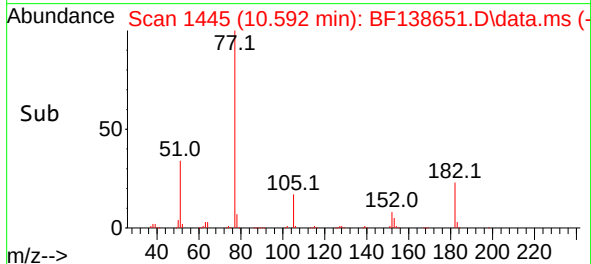
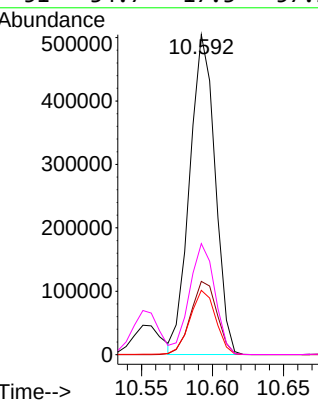
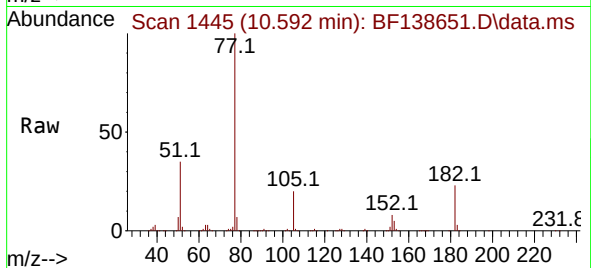
105 20.1 0.0 39.8

51 34.7 17.3 57.3

Manual Integrations

APPROVED

Reviewed By :Jagrut Upadhyay 07/26/2024
Supervised By :mohammad ahmed 07/27/2024



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.380 min Scan# 1579

Delta R.T. -0.006 min

Lab File: BF138651.D

Acq: 25 Jul 2024 14:01

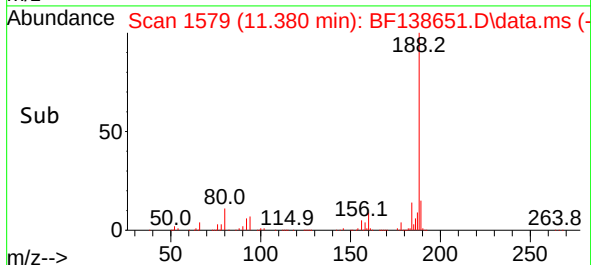
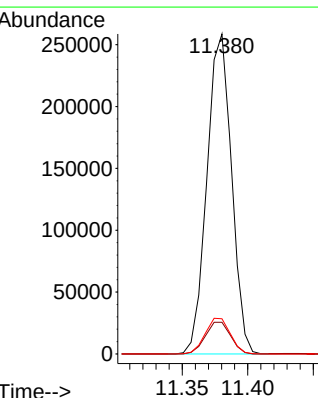
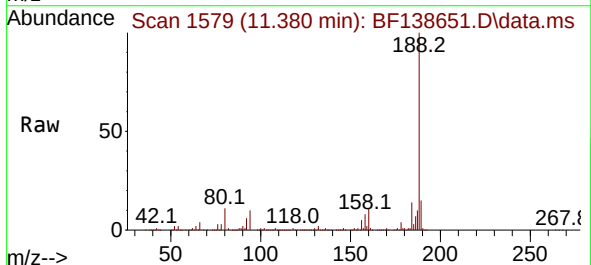
Tgt Ion:188 Resp: 337673

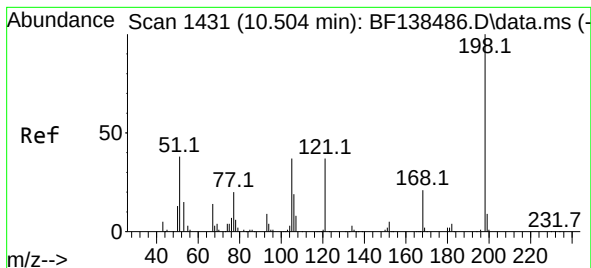
Ion Ratio Lower Upper

188 100

94 9.9 8.7 13.1

80 11.0 9.0 13.4





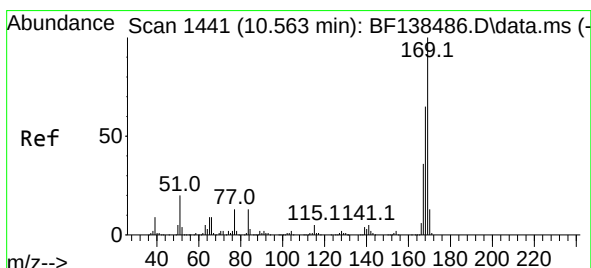
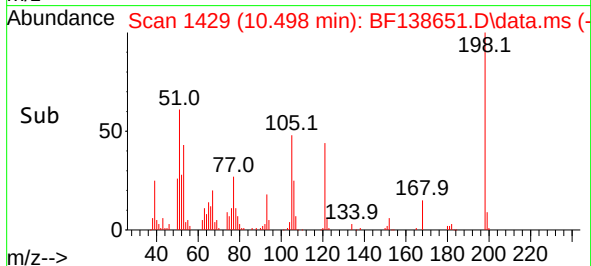
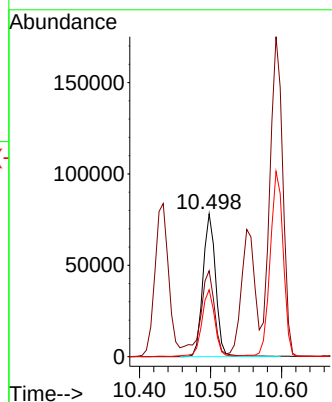
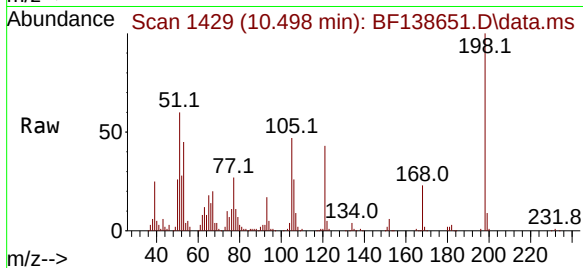
#65
4,6-Dinitro-2-methylphenol
Concen: 50.135 ng
RT: 10.498 min Scan# 1429
Delta R.T. -0.006 min
Lab File: BF138651.D
Acq: 25 Jul 2024 14:01

Instrument :
BNA_F
ClientSampleId :
PB162271BS

Tgt Ion:198 Resp: 9775
Ion Ratio Lower Upper
198 100
51 60.2 27.2 67.2
105 46.8 18.5 58.5

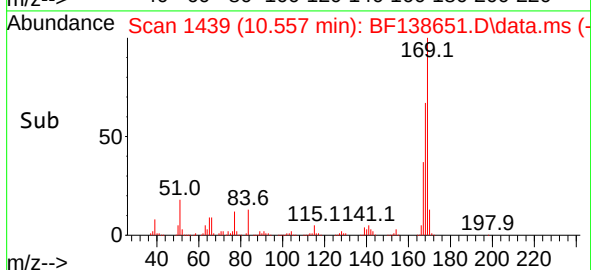
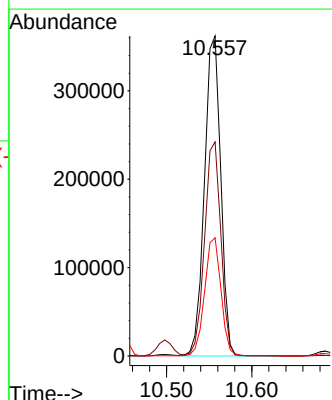
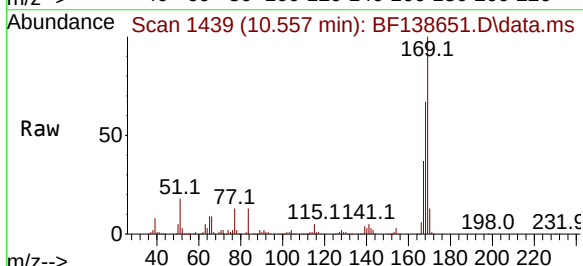
Manual Integrations
APPROVED

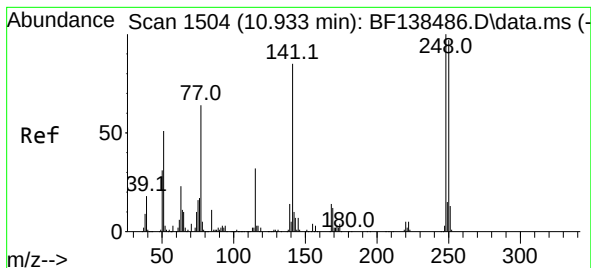
Reviewed By :Jagrut Upadhyay 07/26/2024
Supervised By :mohammad ahmed 07/27/2024



#66
n-Nitrosodiphenylamine
Concen: 47.458 ng
RT: 10.557 min Scan# 1439
Delta R.T. -0.006 min
Lab File: BF138651.D
Acq: 25 Jul 2024 14:01

Tgt Ion:169 Resp: 480129
Ion Ratio Lower Upper
169 100
168 66.9 51.7 77.5
167 37.0 28.5 42.7





#67
4-Bromophenyl-phenylether
Concen: 46.548 ng
RT: 10.921 min Scan# 11
Delta R.T. -0.012 min
Lab File: BF138651.D
Acq: 25 Jul 2024 14:01

Instrument :

BNA_F

ClientSampleId :

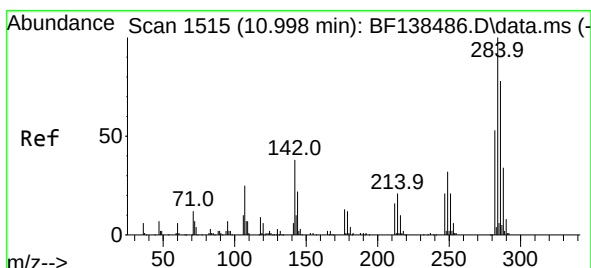
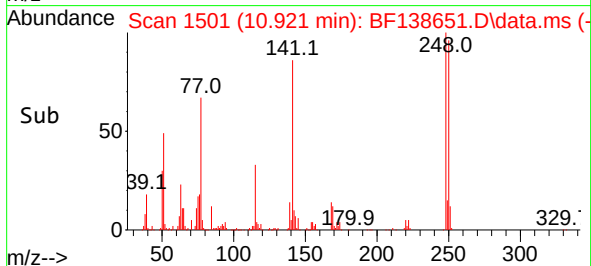
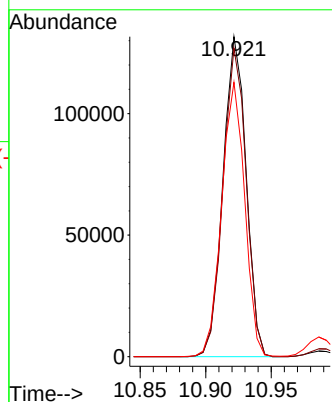
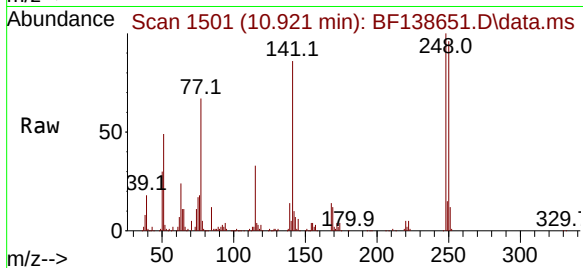
PB162271BS

Tgt Ion:248 Resp: 16155
Ion Ratio Lower Upper
248 100
250 96.4 77.9 116.9
141 85.7 67.7 101.5

Manual Integrations

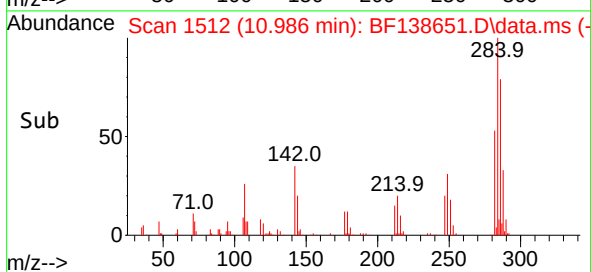
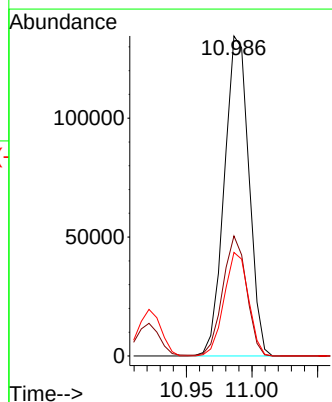
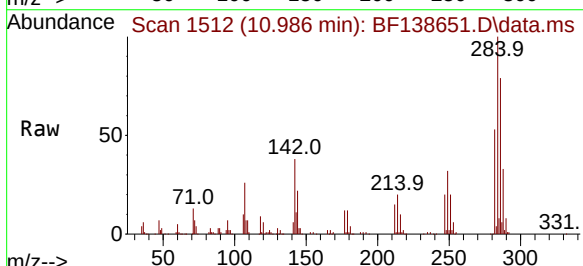
APPROVED

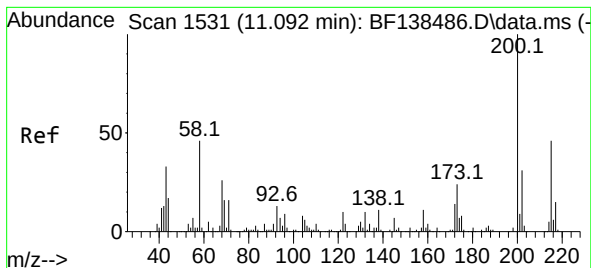
Reviewed By :Jagrut Upadhyay 07/26/2024
Supervised By :mohammad ahmed 07/27/2024



#68
Hexachlorobenzene
Concen: 45.397 ng
RT: 10.986 min Scan# 1512
Delta R.T. -0.012 min
Lab File: BF138651.D
Acq: 25 Jul 2024 14:01

Tgt Ion:284 Resp: 175034
Ion Ratio Lower Upper
284 100
142 37.5 30.5 45.7
249 32.4 25.9 38.9





#69

Atrazine

Concen: 44.147 ng

RT: 11.080 min Scan# 1528

Delta R.T. -0.012 min

Lab File: BF138651.D

Acq: 25 Jul 2024 14:01

Instrument :

BNA_F

ClientSampleId :

PB162271BS

Tgt Ion:200 Resp: 14807

Ion Ratio Lower Upper

200 100

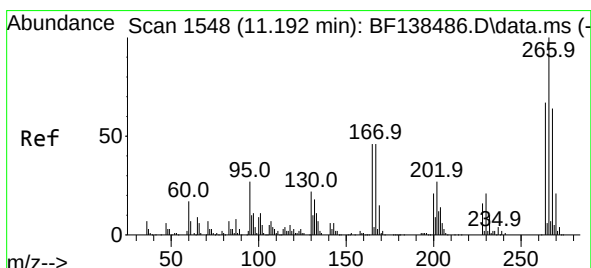
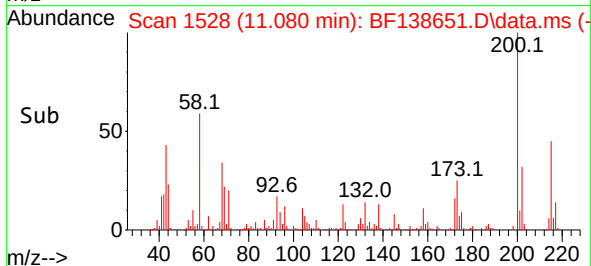
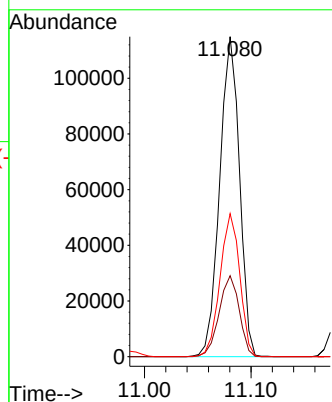
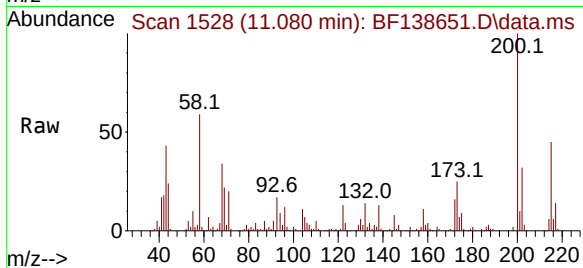
173 25.3 4.1 44.1

215 44.7 26.5 66.5

Manual Integrations

APPROVED

Reviewed By :Jagrut Upadhyay 07/26/2024
Supervised By :mohammad ahmed 07/27/2024



#70

Pentachlorophenol

Concen: 74.967 ng

RT: 11.186 min Scan# 1546

Delta R.T. -0.006 min

Lab File: BF138651.D

Acq: 25 Jul 2024 14:01

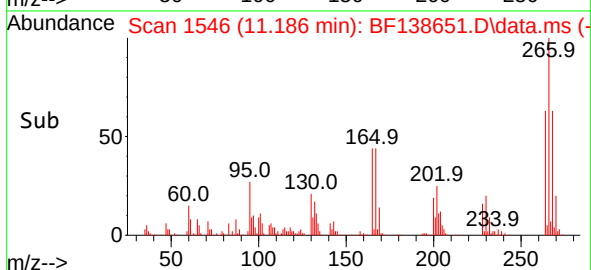
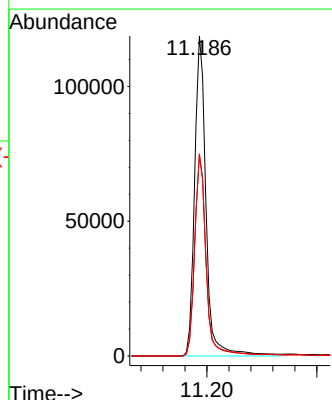
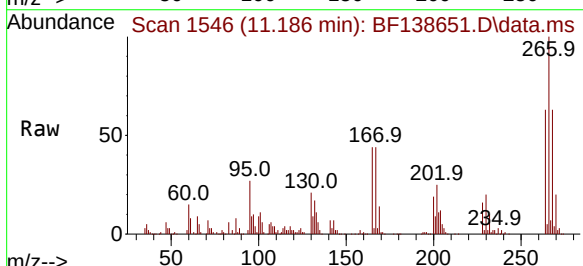
Tgt Ion:266 Resp: 171036

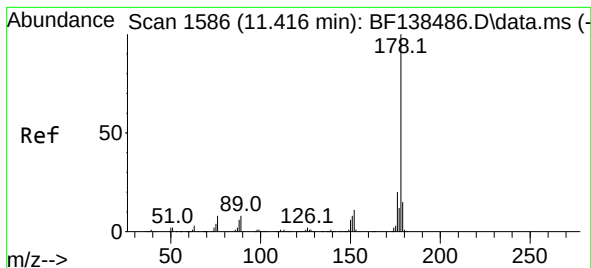
Ion Ratio Lower Upper

266 100

268 62.8 50.9 76.3

264 63.2 53.5 80.3





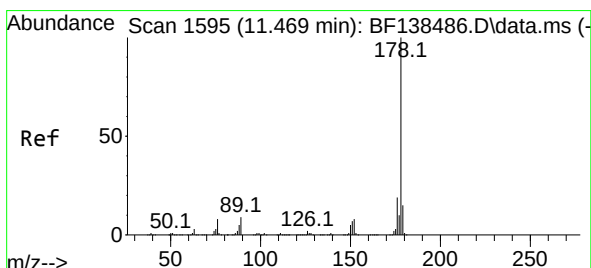
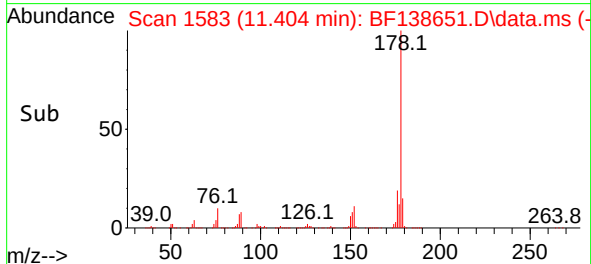
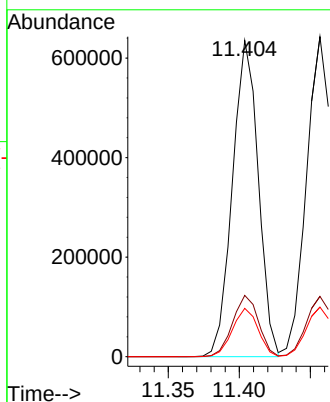
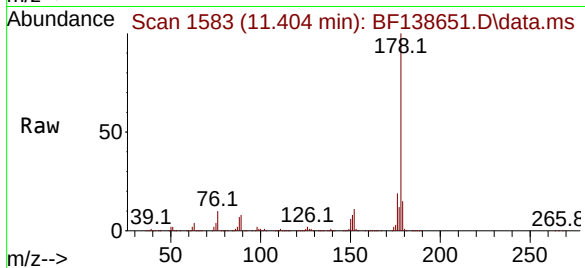
#71
Phenanthrene
Concen: 47.069 ng
RT: 11.404 min Scan# 1586
Delta R.T. -0.012 min
Lab File: BF138651.D
Acq: 25 Jul 2024 14:01

Instrument :
BNA_F
ClientSampleId :
PB162271BS

Tgt Ion:178 Resp: 802979
Ion Ratio Lower Upper
178 100
176 19.4 15.7 23.5
179 15.3 12.2 18.2

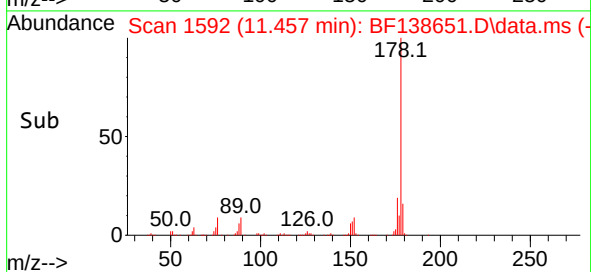
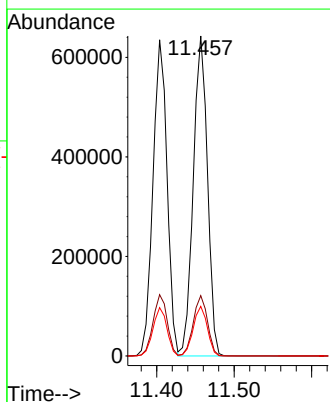
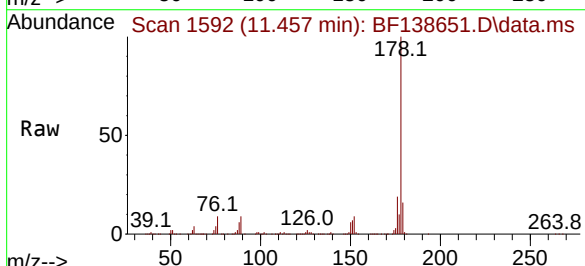
Manual Integrations
APPROVED

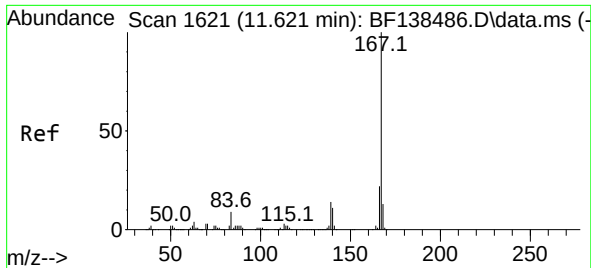
Reviewed By :Jagrut Upadhyay 07/26/2024
Supervised By :mohammad ahmed 07/27/2024



#72
Anthracene
Concen: 48.189 ng
RT: 11.457 min Scan# 1592
Delta R.T. -0.012 min
Lab File: BF138651.D
Acq: 25 Jul 2024 14:01

Tgt Ion:178 Resp: 816053
Ion Ratio Lower Upper
178 100
176 18.8 14.8 22.2
179 15.5 12.2 18.4





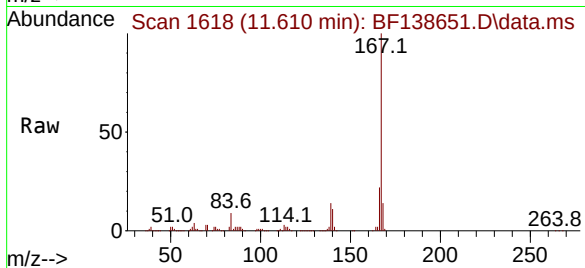
#73
 Carbazole
 Concen: 45.155 ng
 RT: 11.610 min Scan# 1618
 Delta R.T. -0.012 min
 Lab File: BF138651.D
 Acq: 25 Jul 2024 14:01

Instrument :

BNA_F

ClientSampleId :

PB162271BS

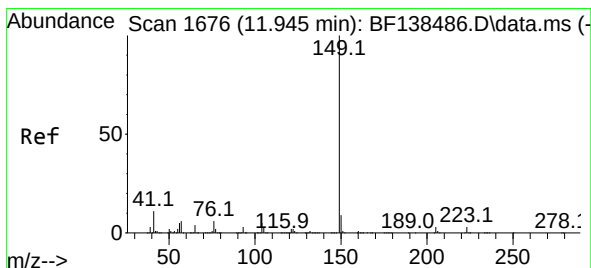
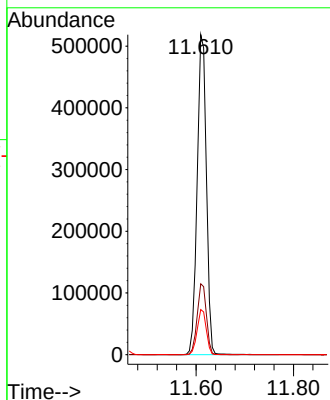
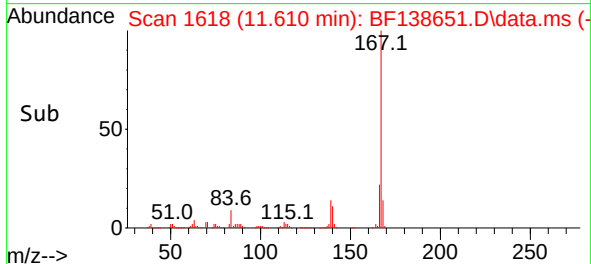


Tgt Ion:167 Resp: 687179
 Ion Ratio Lower Upper
 167 100
 166 22.2 17.8 26.6
 139 14.1 11.0 16.4

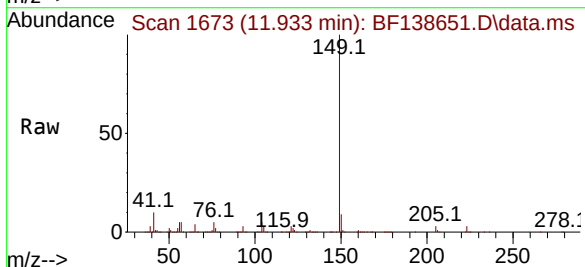
Manual Integrations

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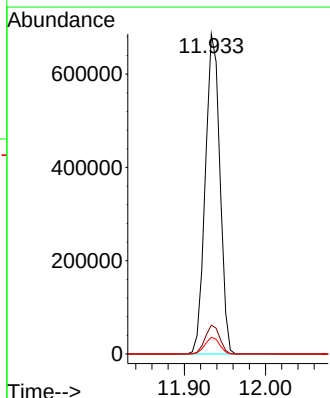
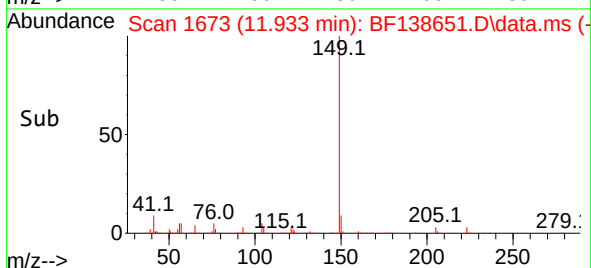
Reviewed By :Jagrut Upadhyay 07/26/2024
 Supervised By :mohammad ahmed 07/27/2024

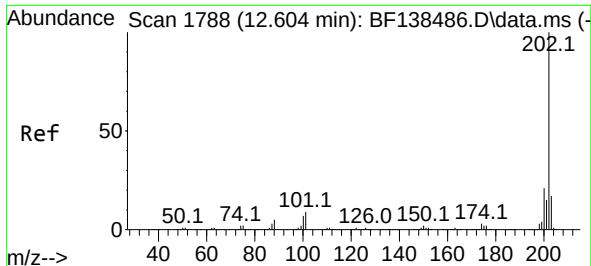


#74
 Di-n-butylphthalate
 Concen: 48.606 ng
 RT: 11.933 min Scan# 1673
 Delta R.T. -0.012 min
 Lab File: BF138651.D
 Acq: 25 Jul 2024 14:01



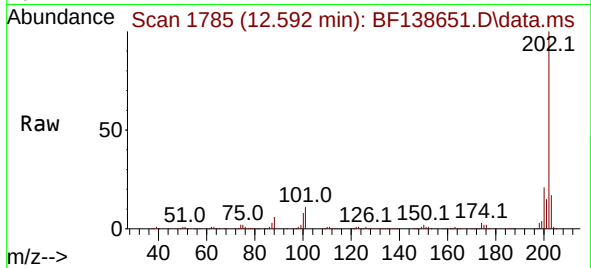
Tgt Ion:149 Resp: 852642
 Ion Ratio Lower Upper
 149 100
 150 9.0 7.4 11.0
 104 5.2 4.4 6.6





#75
Fluoranthene
Concen: 43.648 ng
RT: 12.592 min Scan# 11
Delta R.T. -0.012 min
Lab File: BF138651.D
Acq: 25 Jul 2024 14:01

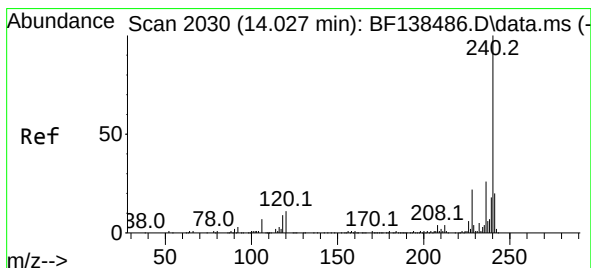
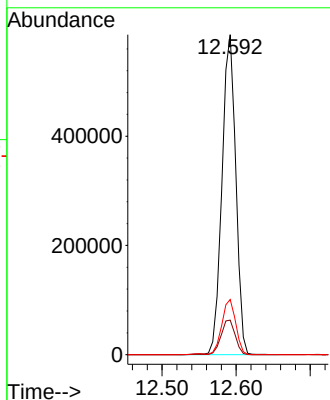
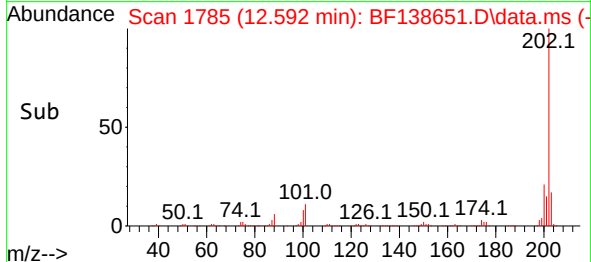
Instrument :
BNA_F
ClientSampleId :
PB162271BS



Tgt Ion:202 Resp: 759800
Ion Ratio Lower Upper
202 100
101 10.8 0.0 29.2
203 17.3 0.0 37.3

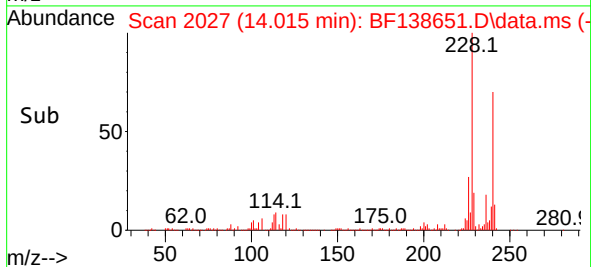
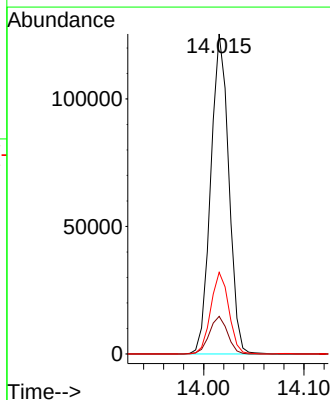
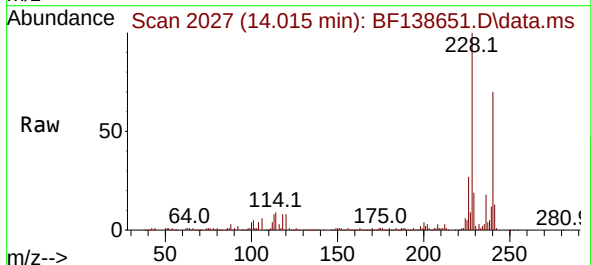
Manual Integrations
APPROVED

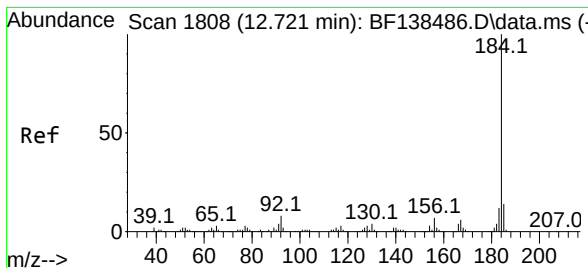
Reviewed By :Jagrut Upadhyay 07/26/2024
Supervised By :mohammad ahmed 07/27/2024



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.015 min Scan# 2027
Delta R.T. -0.012 min
Lab File: BF138651.D
Acq: 25 Jul 2024 14:01

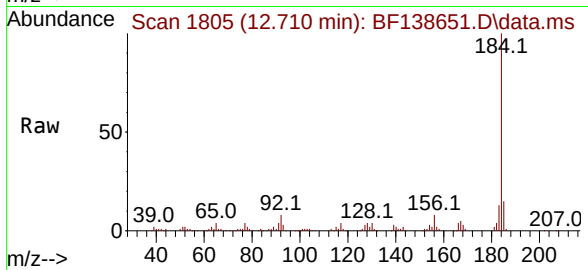
Tgt Ion:240 Resp: 156222
Ion Ratio Lower Upper
240 100
120 11.7 8.6 12.8
236 25.5 21.0 31.6





#77
Benzidine
Concen: 27.333 ng
RT: 12.710 min Scan# 1805
Delta R.T. -0.011 min
Lab File: BF138651.D
Acq: 25 Jul 2024 14:01

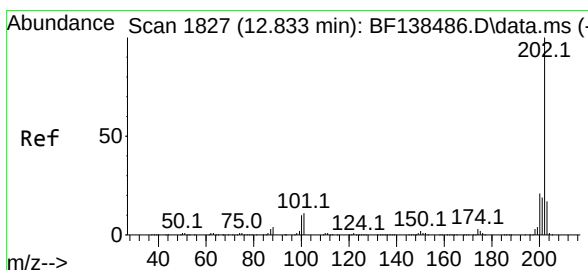
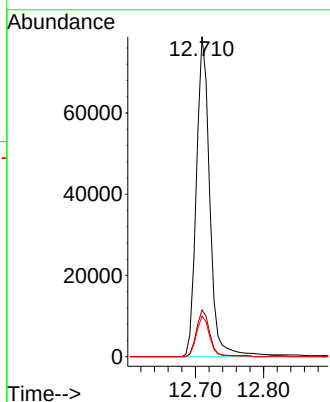
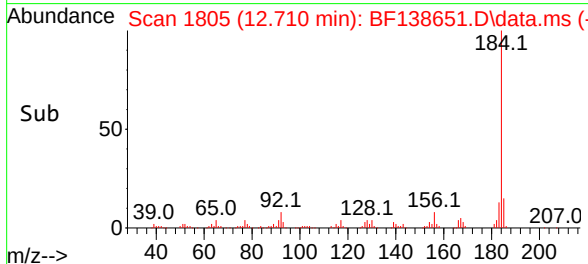
Instrument :
BNA_F
ClientSampleId :
PB162271BS



Tgt Ion:184 Resp: 107730
Ion Ratio Lower Upper
184 100
185 14.6 11.3 16.9
183 12.7 9.5 14.3

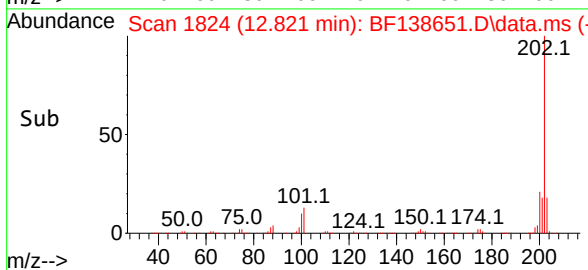
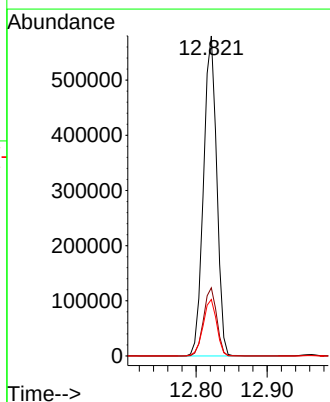
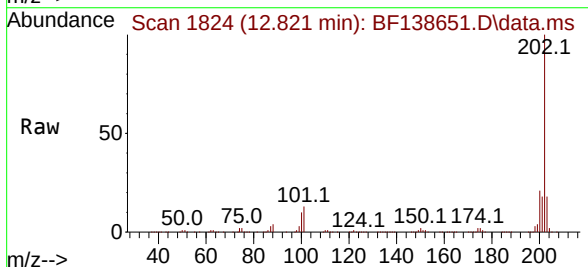
Manual Integrations
APPROVED

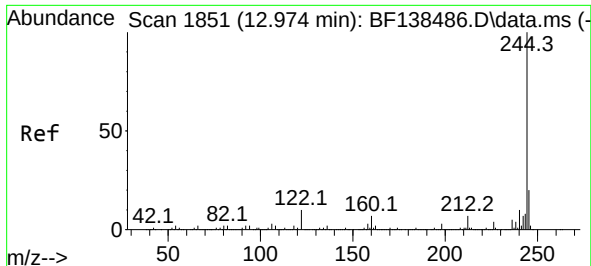
Reviewed By :Jagrut Upadhyay 07/26/2024
Supervised By :mohammad ahmed 07/27/2024



#78
Pyrene
Concen: 47.400 ng
RT: 12.821 min Scan# 1824
Delta R.T. -0.012 min
Lab File: BF138651.D
Acq: 25 Jul 2024 14:01

Tgt Ion:202 Resp: 751701
Ion Ratio Lower Upper
202 100
200 21.3 17.0 25.6
203 17.7 13.7 20.5





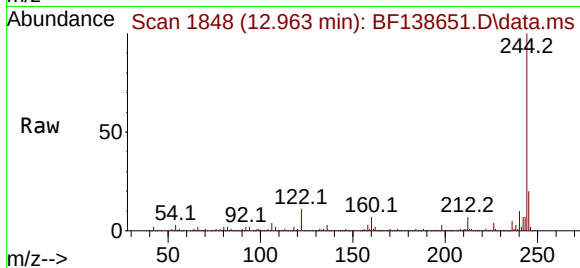
#79
 Terphenyl-d14
 Concen: 103.735 ng
 RT: 12.963 min Scan# 11
 Delta R.T. -0.012 min
 Lab File: BF138651.D
 Acq: 25 Jul 2024 14:01

Instrument :

BNA_F

ClientSampleId :

PB162271BS

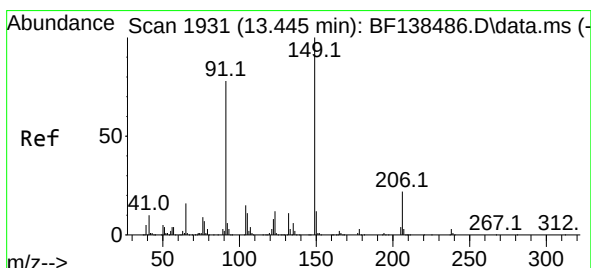
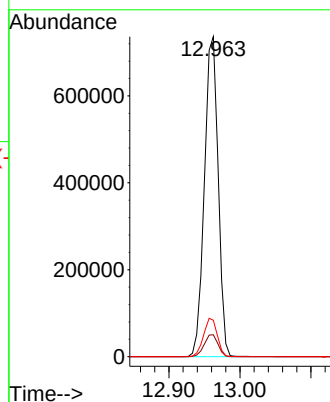
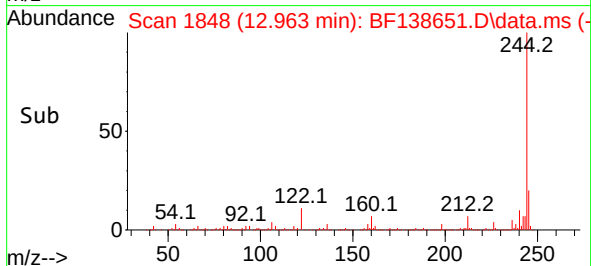


Tgt Ion:244 Resp: 99475
 Ion Ratio Lower Upper
 244 100
 212 6.8 5.5 8.3
 122 11.4 7.8 11.8

Manual Integrations

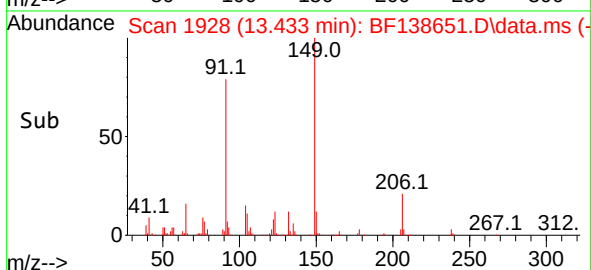
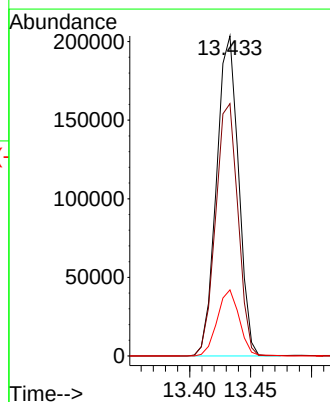
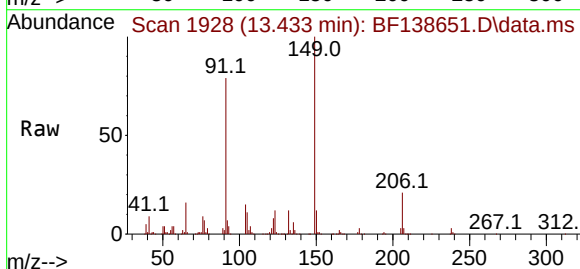
APPROVED

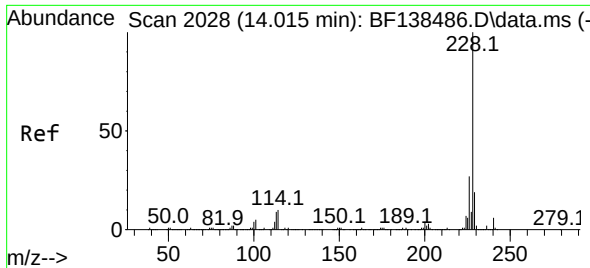
Reviewed By :Jagrut Upadhyay 07/26/2024
 Supervised By :mohammad ahmed 07/27/2024



#80
 Butylbenzylphthalate
 Concen: 53.765 ng
 RT: 13.433 min Scan# 1928
 Delta R.T. -0.012 min
 Lab File: BF138651.D
 Acq: 25 Jul 2024 14:01

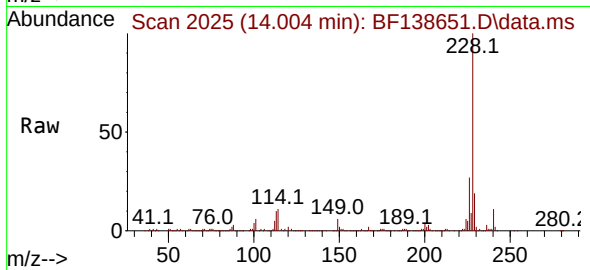
Tgt Ion:149 Resp: 256489
 Ion Ratio Lower Upper
 149 100
 91 78.8 62.1 93.1
 206 20.7 18.0 27.0





#81
Benzo(a)anthracene
Concen: 47.770 ng
RT: 14.004 min Scan# 2019
Delta R.T. -0.012 min
Lab File: BF138651.D
Acq: 25 Jul 2024 14:01

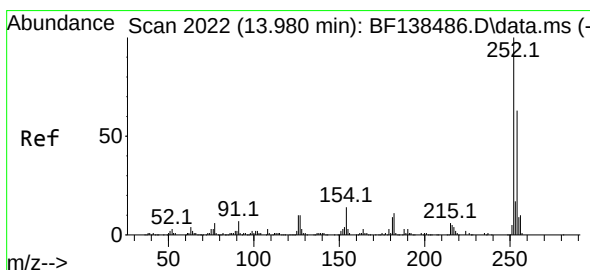
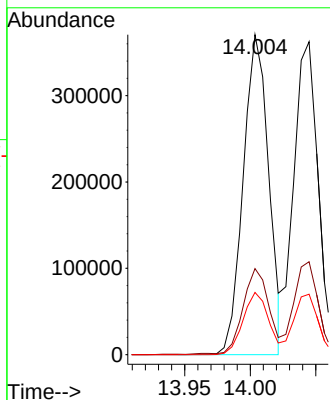
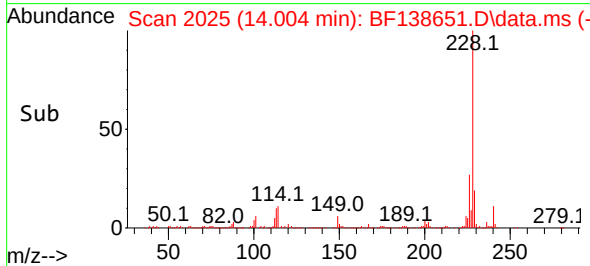
Instrument :
BNA_F
ClientSampleId :
PB162271BS



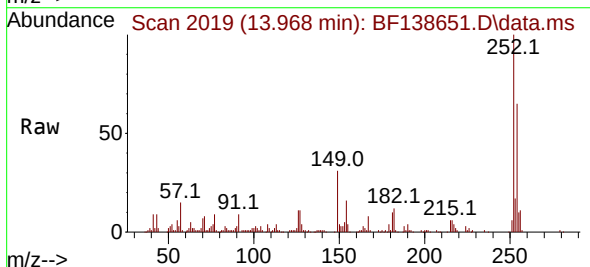
Tgt Ion:228 Resp: 500752
Ion Ratio Lower Upper
228 100
226 26.9 21.9 32.9
229 19.5 15.5 23.3

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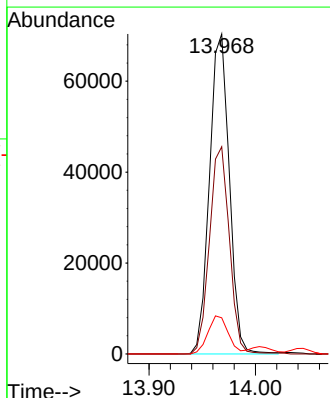
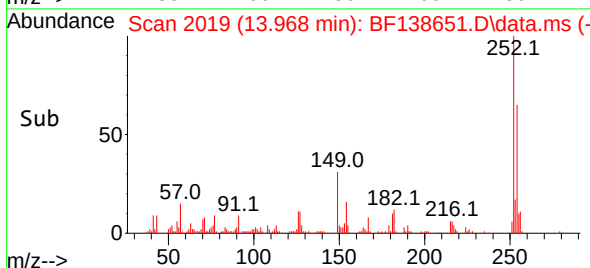
Reviewed By :Jagrut Upadhyay 07/26/2024
Supervised By :mohammad ahmed 07/27/2024

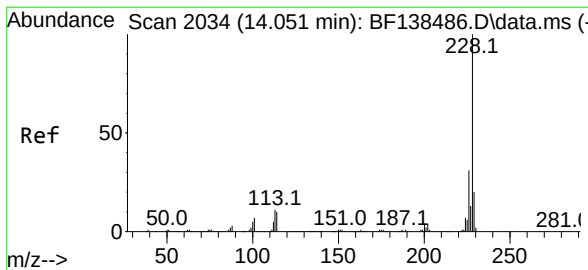


#82
3,3'-Dichlorobenzidine
Concen: 33.702 ng
RT: 13.968 min Scan# 2019
Delta R.T. -0.012 min
Lab File: BF138651.D
Acq: 25 Jul 2024 14:01



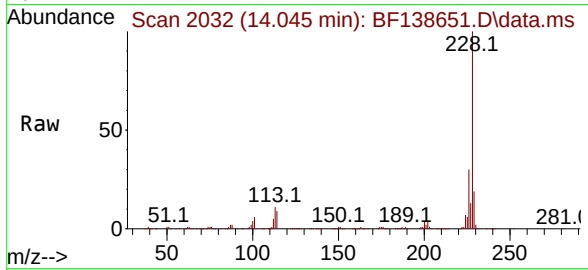
Tgt Ion:252 Resp: 91031
Ion Ratio Lower Upper
252 100
254 64.8 50.3 75.5
126 11.3 8.1 12.1





#83
Chrysene
Concen: 47.143 ng
RT: 14.045 min Scan# 2034
Delta R.T. -0.006 min
Lab File: BF138651.D
Acq: 25 Jul 2024 14:01

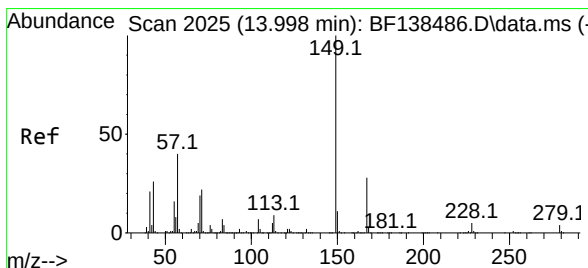
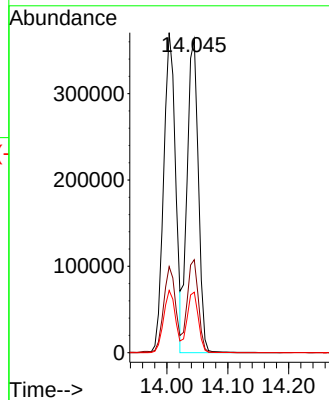
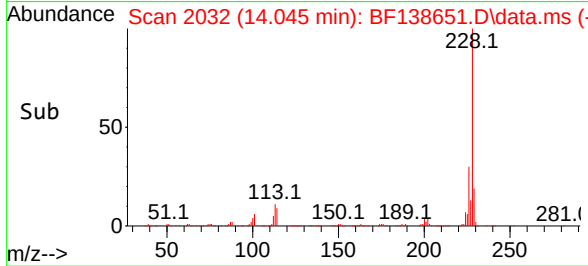
Instrument :
BNA_F
ClientSampleId :
PB162271BS



Tgt Ion:228 Resp: 46749
Ion Ratio Lower Upper
228 100
226 29.7 24.4 36.6
229 19.3 16.0 24.0

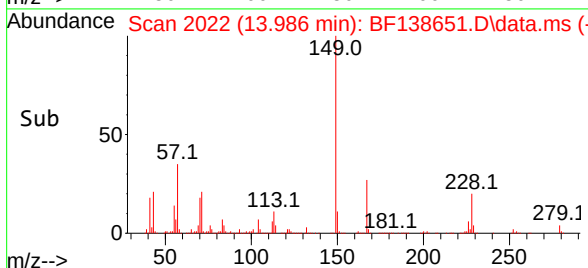
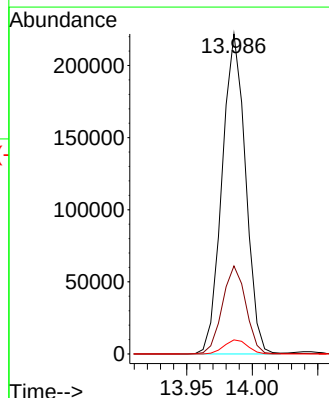
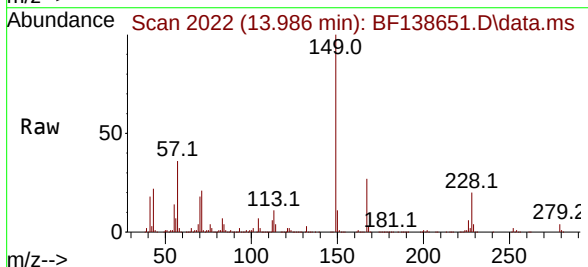
Manual Integrations
APPROVED

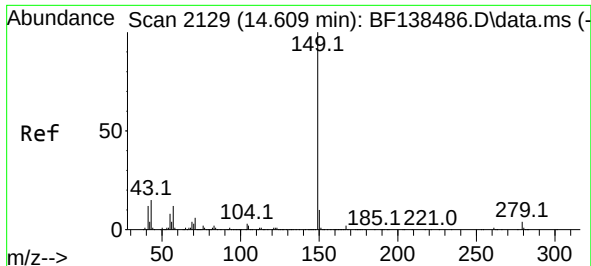
Reviewed By :Jagrut Upadhyay 07/26/2024
Supervised By :mohammad ahmed 07/27/2024



#84
Bis(2-ethylhexyl)phthalate
Concen: 54.370 ng
RT: 13.986 min Scan# 2022
Delta R.T. -0.012 min
Lab File: BF138651.D
Acq: 25 Jul 2024 14:01

Tgt Ion:149 Resp: 276631
Ion Ratio Lower Upper
149 100
167 27.5 22.5 33.7
279 4.4 3.0 4.6





#85
Di-n-octyl phthalate
Concen: 53.339 ng
RT: 14.598 min Scan# 2126
Delta R.T. -0.011 min
Lab File: BF138651.D
Acq: 25 Jul 2024 14:01

Instrument :

BNA_F

ClientSampleId :

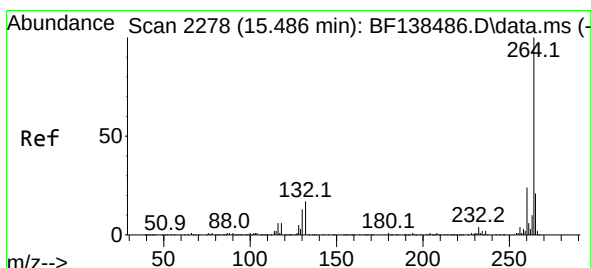
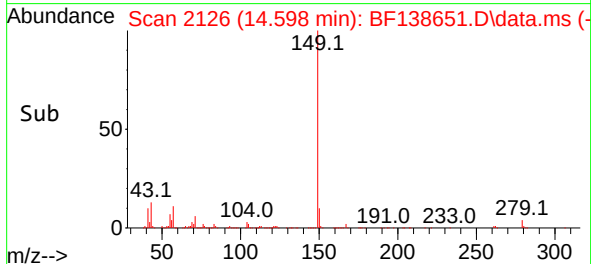
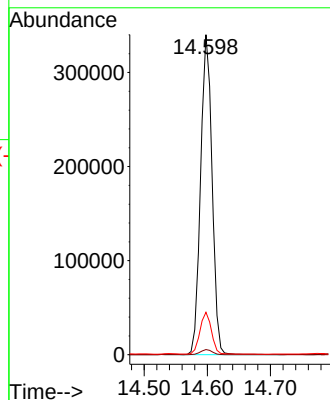
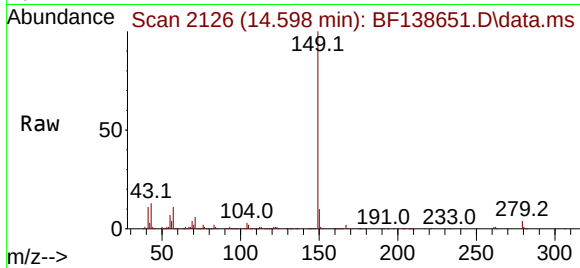
PB162271BS

Tgt Ion:149 Resp: 42871
Ion Ratio Lower Upper
149 100
167 1.6 1.3 1.9
43 13.1 10.7 16.1

Manual Integrations

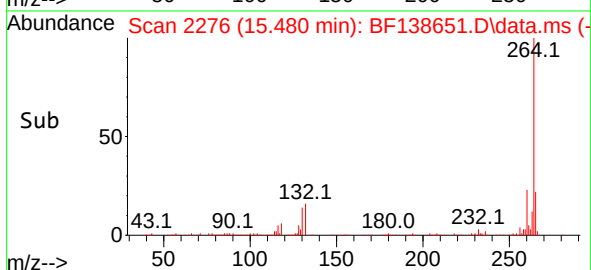
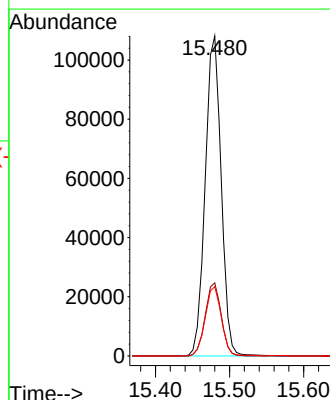
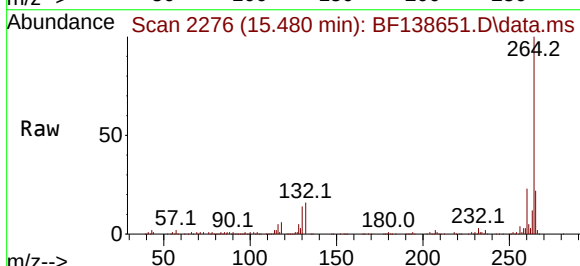
APPROVED

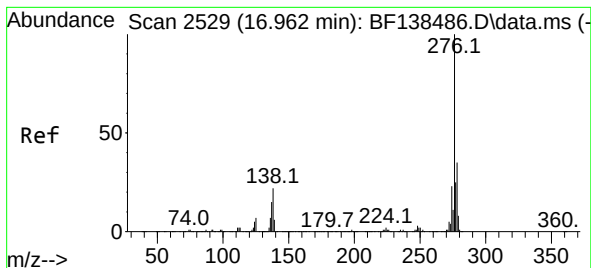
Reviewed By :Jagrut Upadhyay 07/26/2024
Supervised By :mohammad ahmed 07/27/2024



#86
Perylene-d12
Concen: 20.000 ng
RT: 15.480 min Scan# 2276
Delta R.T. -0.006 min
Lab File: BF138651.D
Acq: 25 Jul 2024 14:01

Tgt Ion:264 Resp: 162138
Ion Ratio Lower Upper
264 100
260 22.9 19.0 28.6
265 21.7 17.0 25.4





#87

Indeno(1,2,3-cd)pyrene

Concen: 47.722 ng

RT: 16.956 min Scan# 21

Delta R.T. -0.006 min

Lab File: BF138651.D

Acq: 25 Jul 2024 14:01

Instrument :

BNA_F

ClientSampleId :

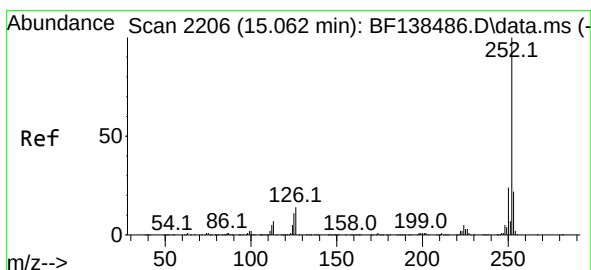
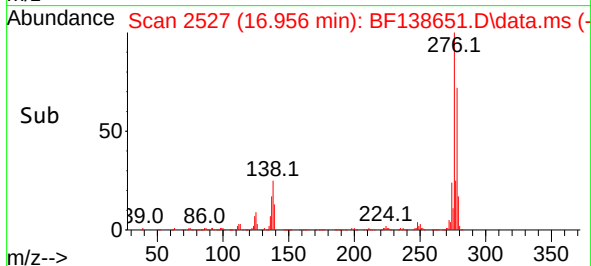
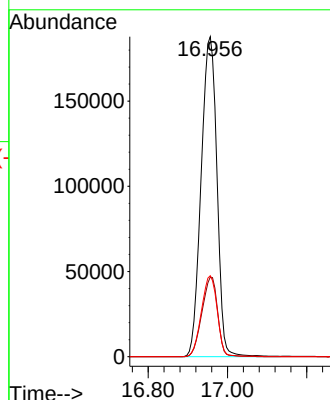
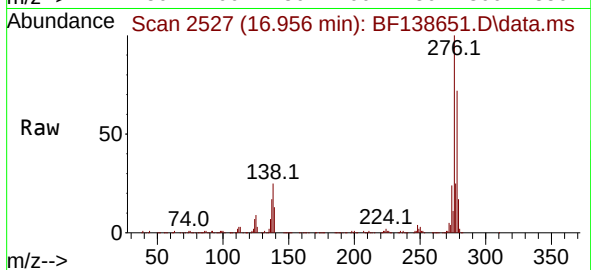
PB162271BS

Tgt Ion:276 Resp: 51973
 Ion Ratio Lower Upper
 276 100
 138 24.7 19.6 29.4
 277 25.4 20.5 30.7

Manual Integrations

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Reviewed By :Jagrut Upadhyay 07/26/2024
 Supervised By :mohammad ahmed 07/27/2024



#88

Benzo(b)fluoranthene

Concen: 49.573 ng

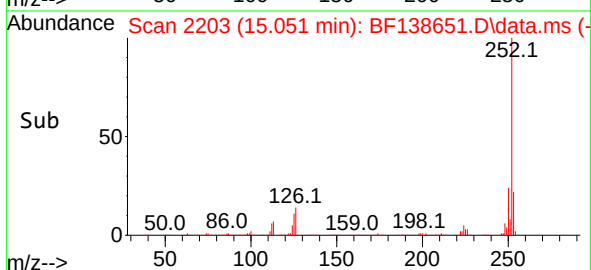
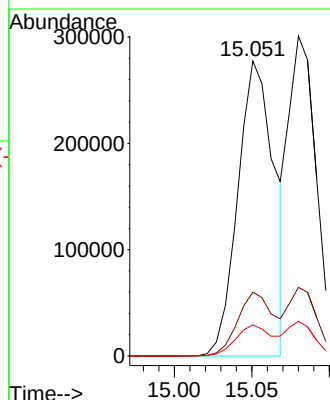
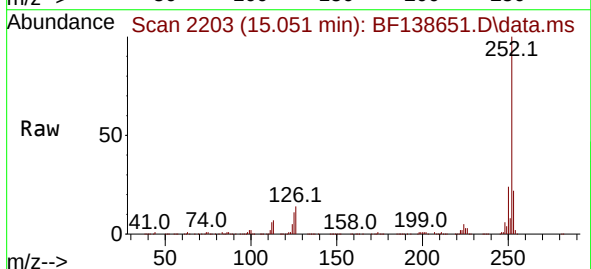
RT: 15.051 min Scan# 2203

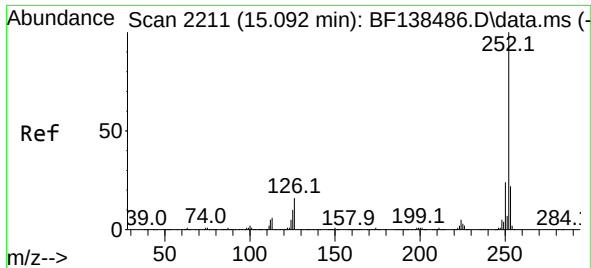
Delta R.T. -0.012 min

Lab File: BF138651.D

Acq: 25 Jul 2024 14:01

Tgt Ion:252 Resp: 452659
 Ion Ratio Lower Upper
 252 100
 253 21.7 17.3 25.9
 125 10.5 8.6 13.0





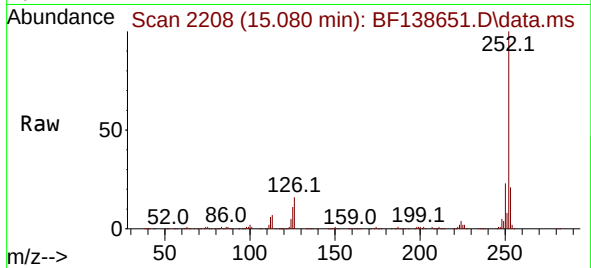
#89
Benzo(k)fluoranthene
Concen: 42.049 ng
RT: 15.080 min Scan# 21
Delta R.T. -0.012 min
Lab File: BF138651.D
Acq: 25 Jul 2024 14:01

Instrument :

BNA_F

ClientSampleId :

PB162271BS

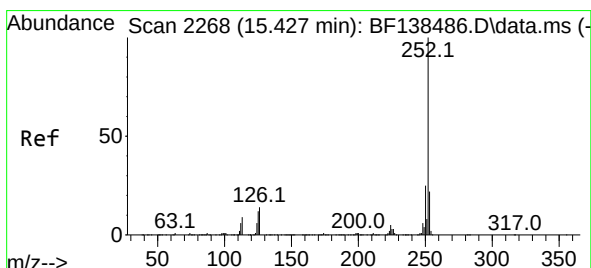
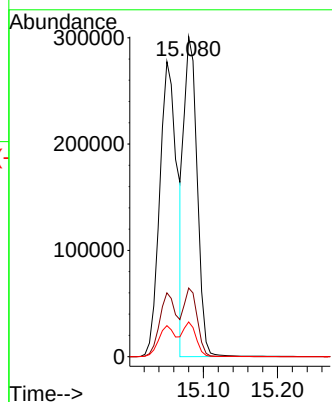
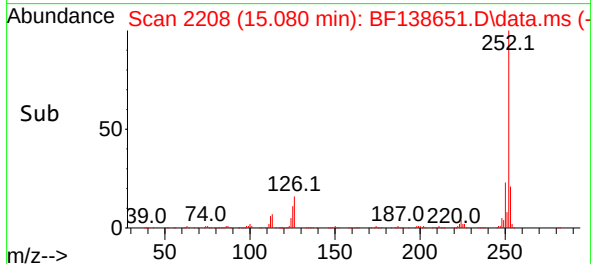


Tgt Ion:252 Resp: 374464
Ion Ratio Lower Upper
252 100
253 21.5 17.7 26.5
125 10.9 8.1 12.1

Manual Integrations

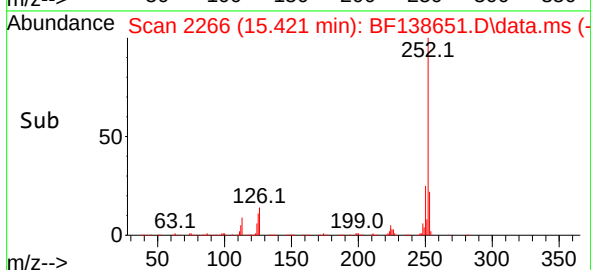
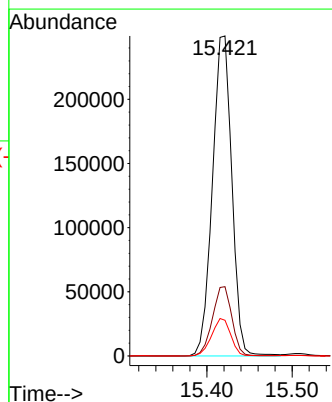
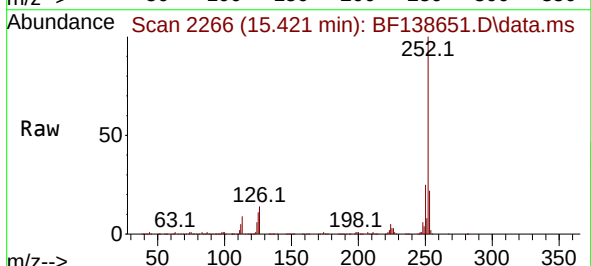
APPROVED

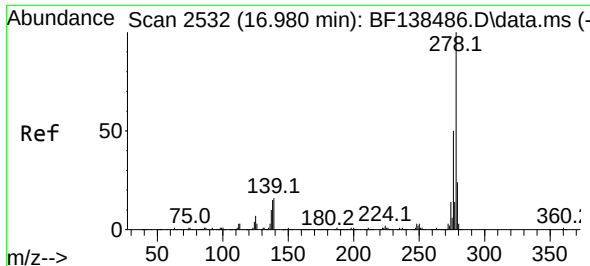
Reviewed By :Jagrut Upadhyay 07/26/2024
Supervised By :mohammad ahmed 07/27/2024



#90
Benzo(a)pyrene
Concen: 49.325 ng
RT: 15.421 min Scan# 2266
Delta R.T. -0.006 min
Lab File: BF138651.D
Acq: 25 Jul 2024 14:01

Tgt Ion:252 Resp: 395648
Ion Ratio Lower Upper
252 100
253 21.7 17.4 26.0
125 11.2 9.4 14.2





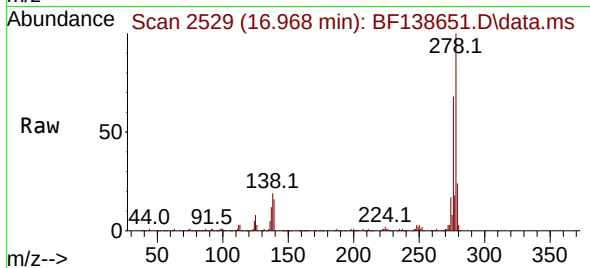
#91
Dibenzo(a,h)anthracene
Concen: 46.282 ng
RT: 16.968 min Scan# 21
Delta R.T. -0.012 min
Lab File: BF138651.D
Acq: 25 Jul 2024 14:01

Instrument :

BNA_F

ClientSampleId :

PB162271BS

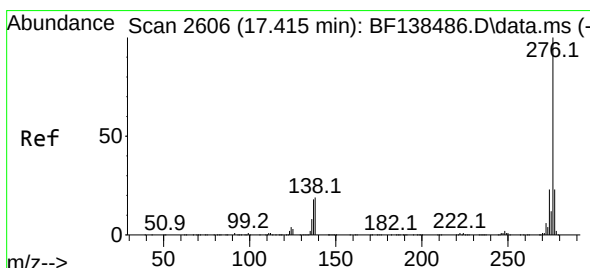
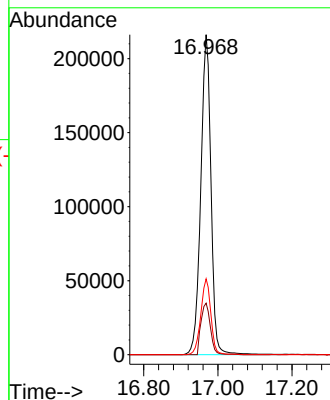
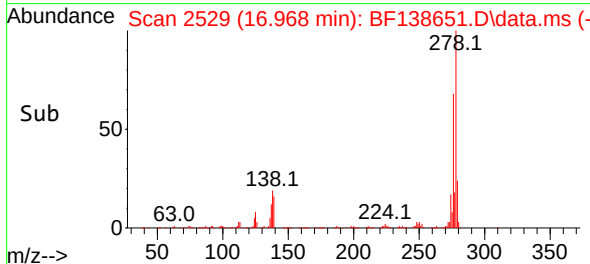


Tgt Ion:278 Resp: 41231
Ion Ratio Lower Upper
278 100
139 16.1 12.8 19.2
279 23.7 19.1 28.7

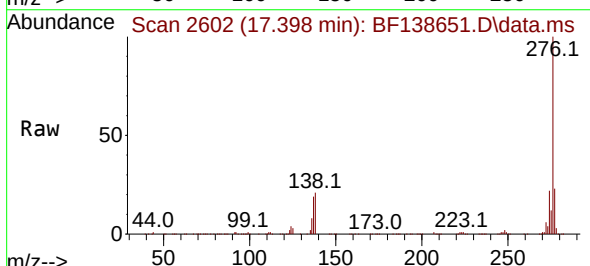
Manual Integrations

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Reviewed By :Jagrut Upadhyay 07/26/2024
Supervised By :mohammad ahmed 07/27/2024



#92
Benzo(g,h,i)perylene
Concen: 43.401 ng
RT: 17.398 min Scan# 2602
Delta R.T. -0.018 min
Lab File: BF138651.D
Acq: 25 Jul 2024 14:01



Tgt Ion:276 Resp: 410006
Ion Ratio Lower Upper
276 100
277 23.0 18.0 27.0
138 21.2 15.5 23.3

