

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF081324\
 Data File : BF138984.D
 Acq On : 13 Aug 2024 20:33
 Operator : RC/JU
 Sample : PB162639BS
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB162639BS

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 08/14/2024
 Supervised By :mohammad ahmed 08/14/2024

Quant Time: Aug 14 00:37:30 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF073024.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Jul 30 17:50:01 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.840	152	43548	20.000	ng	0.00
21) Naphthalene-d8	8.122	136	180110	20.000	ng	0.00
39) Acenaphthene-d10	9.875	164	99619	20.000	ng	0.00
64) Phenanthrene-d10	11.363	188	168574	20.000	ng	0.00
76) Chrysene-d12	14.004	240	80467	20.000	ng	# 0.00
86) Perylene-d12	15.463	264	79720	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.487	112	392880	139.265	ng	0.02
7) Phenol-d6	6.493	99	536440	141.630	ng	0.00
23) Nitrobenzene-d5	7.410	82	351049	95.293	ng	0.00
42) 2,4,6-Tribromophenol	10.669	330	120916	148.179	ng	0.00
45) 2-Fluorobiphenyl	9.198	172	644018	97.134	ng	0.00
79) Terphenyl-d14	12.939	244	569871	118.572	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	2.710	88	45582	36.906	ng	# 95
3) Pyridine	3.457	79	120597	40.307	ng	96
4) n-Nitrosodimethylamine	3.428	42	105930	59.446	ng	84
6) Aniline	6.504	93	153168	45.345	ng	# 21
8) 2-Chlorophenol	6.634	128	165281	55.685	ng	97
9) Benzaldehyde	6.404	77	5296	2.333	ng	91
10) Phenol	6.504	94	214767	53.854	ng	# 75
11) bis(2-Chloroethyl)ether	6.581	93	154040	50.195	ng	99
12) 1,3-Dichlorobenzene	6.781	146	168944	50.849	ng	99
13) 1,4-Dichlorobenzene	6.857	146	174460	52.032	ng	100
14) 1,2-Dichlorobenzene	7.010	146	164702	52.561	ng	99
15) Benzyl Alcohol	6.992	79	157008	57.514	ng	96
16) 2,2'-oxybis(1-Chloropr...	7.110	45	265374	50.247	ng	# 48
17) 2-Methylphenol	7.110	107	134873	55.030	ng	# 86
18) Hexachloroethane	7.345	117	66479	52.672	ng	100
19) n-Nitroso-di-n-propyla...	7.257	70	130615	57.096	ng	96
20) 3+4-Methylphenols	7.263	107	178043	56.618	ng	# 77
22) Acetophenone	7.251	105	224277	50.857	ng	# 98
24) Nitrobenzene	7.428	77	192638	51.389	ng	99
25) Isophorone	7.669	82	339785	54.016	ng	98
26) 2-Nitrophenol	7.739	139	87787	54.432	ng	90
27) 2,4-Dimethylphenol	7.781	122	113675	58.910	ng	95
28) bis(2-Chloroethoxy)met...	7.869	93	198656	51.859	ng	99
29) 2,4-Dichlorophenol	7.992	162	137959	55.639	ng	100
30) 1,2,4-Trichlorobenzene	8.063	180	148116	51.762	ng	99
31) Naphthalene	8.145	128	493069	52.009	ng	99
32) Benzoic acid	7.945	122	50396	33.224	ng	94
33) 4-Chloroaniline	8.198	127	81558	25.628	ng	98
34) Hexachlorobutadiene	8.251	225	90276	52.087	ng	98
35) Caprolactam	8.586	113	38688m	52.291	ng	
36) 4-Chloro-3-methylphenol	8.698	107	158678	55.996	ng	100
37) 2-Methylnaphthalene	8.834	142	321697	53.729	ng	99
38) 1-Methylnaphthalene	8.934	142	297909	50.776	ng	97
40) 1,2,4,5-Tetrachloroben...	8.998	216	137914	49.837	ng	98
41) Hexachlorocyclopentadiene	8.981	237	96190	126.855	ng	98
43) 2,4,6-Trichlorophenol	9.122	196	86007	50.975	ng	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.175	196	94117	51.025	ng	98
46) 1,1'-Biphenyl	9.298	154	383003	49.090	ng	98
47) 2-Chloronaphthalene	9.322	162	308808	53.219	ng	100
48) 2-Nitroaniline	9.428	65	112099	56.985	ng	92
49) Acenaphthylene	9.739	152	473576	57.544	ng	99
50) Dimethylphthalate	9.598	163	369382	57.990	ng	99
51) 2,6-Dinitrotoluene	9.669	165	80018	55.663	ng	# 83
52) Acenaphthene	9.910	154	289608	52.349	ng	99
53) 3-Nitroaniline	9.845	138	53294	35.862	ng	97
54) 2,4-Dinitrophenol	9.963	184	55276	83.531	ng	# 85
55) Dibenzofuran	10.081	168	436132	55.848	ng	98
56) 4-Nitrophenol	10.028	139	58043	64.950	ng	83
57) 2,4-Dinitrotoluene	10.081	165	104058	56.736	ng	# 79
58) Fluorene	10.428	166	349628	56.221	ng	100
59) 2,3,4,6-Tetrachlorophenol	10.210	232	80201	56.873	ng	96
60) Diethylphthalate	10.298	149	364123	60.289	ng	99
61) 4-Chlorophenyl-phenyle...	10.416	204	172650	56.448	ng	97
62) 4-Nitroaniline	10.463	138	70735m	50.087	ng	
63) Azobenzene	10.575	77	385087	57.488	ng	96
65) 4,6-Dinitro-2-methylph...	10.492	198	51509	50.084	ng	94
66) n-Nitrosodiphenylamine	10.539	169	292669	55.543	ng	98
67) 4-Bromophenyl-phenylether	10.904	248	99166	54.334	ng	98
68) Hexachlorobenzene	10.975	284	101413	53.815	ng	98
69) Atrazine	11.063	200	90421	66.512	ng	98
70) Pentachlorophenol	11.175	266	56680	66.729	ng	97
71) Phenanthrene	11.386	178	481504	55.471	ng	99
72) Anthracene	11.439	178	492652	57.612	ng	100
73) Carbazole	11.598	167	382215	51.808	ng	99
74) Di-n-butylphthalate	11.916	149	533350	64.309	ng	100
75) Fluoranthene	12.574	202	426435	52.624	ng	99
77) Benzidine	12.698	184	85720	44.538	ng	99
78) Pyrene	12.804	202	413651	54.599	ng	99
80) Butylbenzylphthalate	13.410	149	156151	64.363	ng	100
81) Benzo(a)anthracene	13.992	228	309147	55.791	ng	99
82) 3,3'-Dichlorobenzidine	13.951	252	64076	45.188	ng	99
83) Chrysene	14.027	228	277276	55.464	ng	99
84) Bis(2-ethylhexyl)phtha...	13.963	149	200120	56.330	ng	98
85) Di-n-octyl phthalate	14.574	149	322302	49.035	ng	98
87) Indeno(1,2,3-cd)pyrene	16.945	276	249244	43.627	ng	97
88) Benzo(b)fluoranthene	15.039	252	259715	52.554	ng	98
89) Benzo(k)fluoranthene	15.068	252	267525m	62.524	ng	
90) Benzo(a)pyrene	15.404	252	243735	58.635	ng	98
91) Dibenzo(a,h)anthracene	16.951	278	201703	43.010	ng	98
92) Benzo(g,h,i)perylene	17.386	276	183393	37.685	ng	95

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

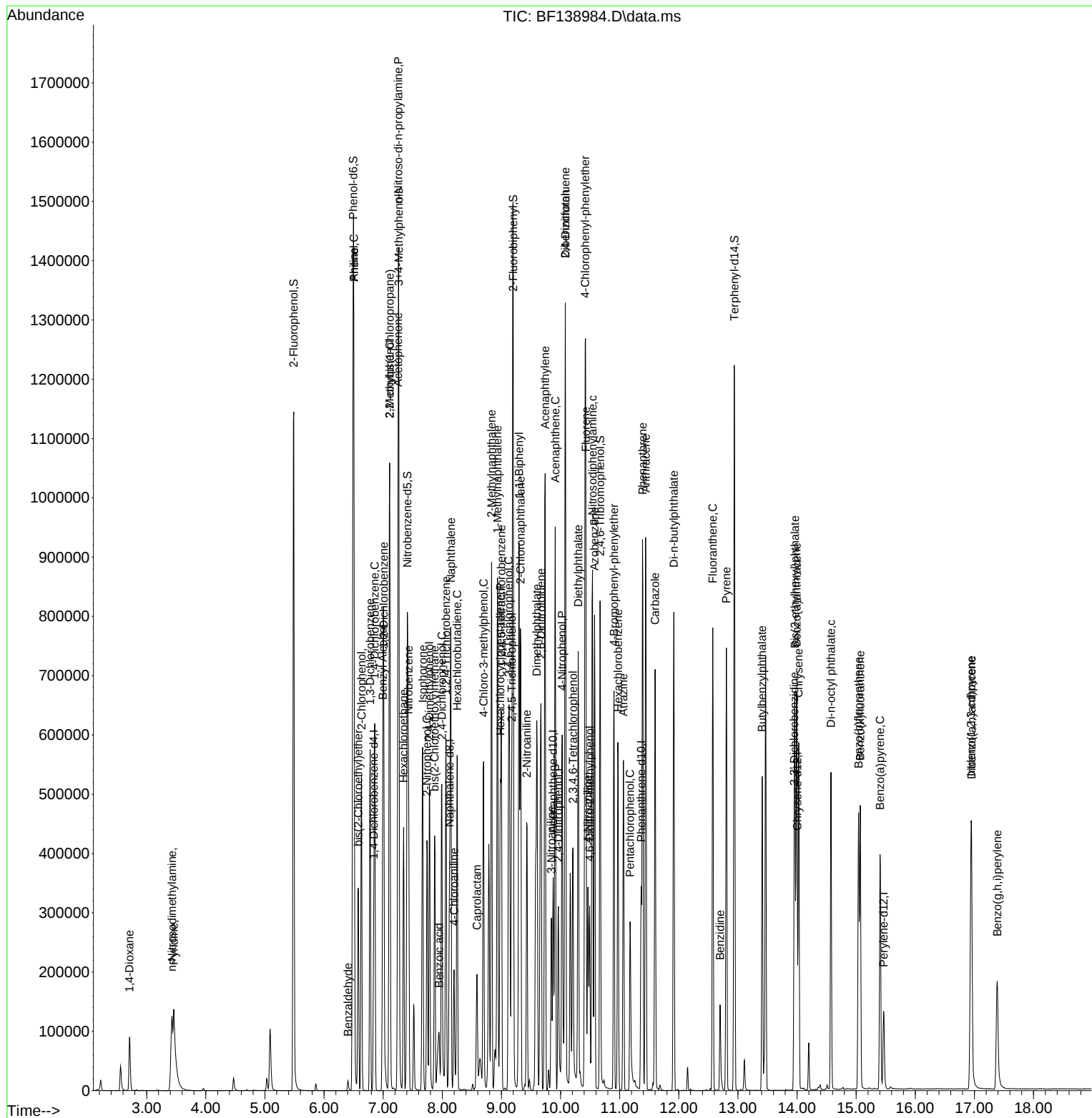
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#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.840 min Scan# 80
 Delta R.T. -0.005 min
 Lab File: BF138984.D
 Acq: 13 Aug 2024 20:33

Instrument :

BNA_F

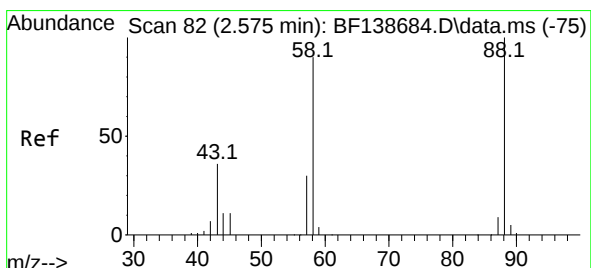
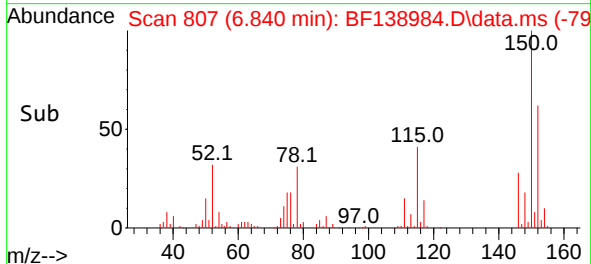
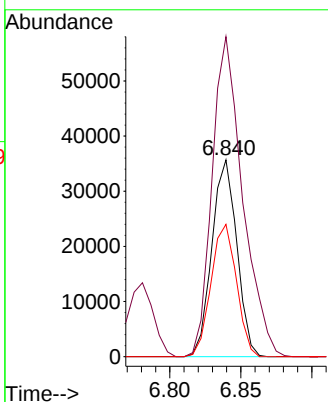
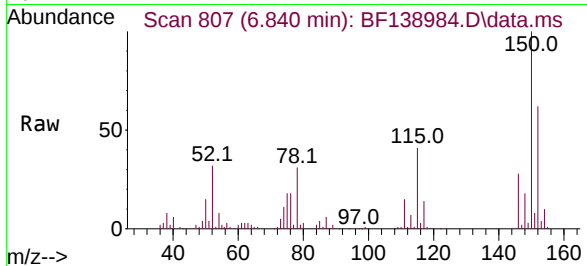
ClientSampleId :

PB162639BS

Tgt Ion:152 Resp: 4354
 Ion Ratio Lower Upper
 152 100
 150 162.5 126.0 189.0
 115 67.2 51.7 77.5

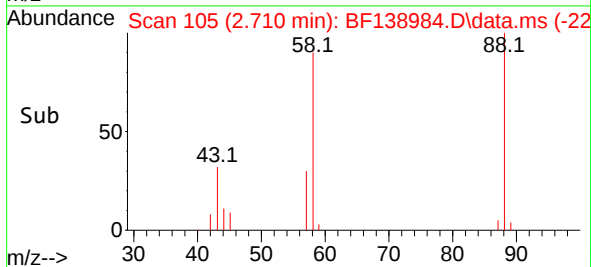
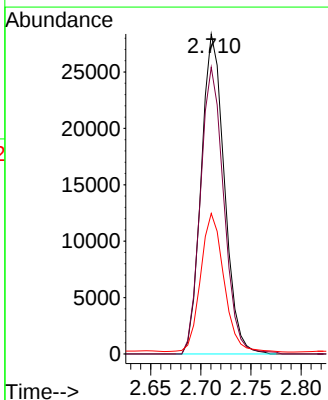
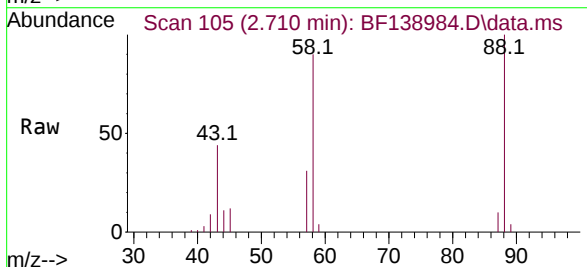
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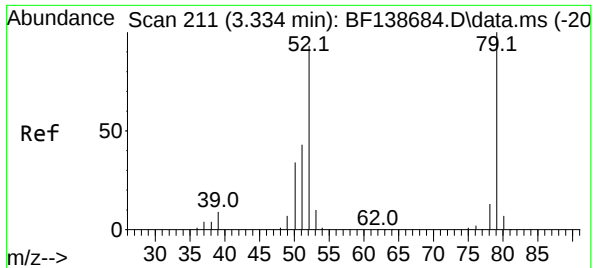
Reviewed By :Yogesh Patel 08/14/2024
 Supervised By :mohammad ahmed 08/14/2024



#2
 1,4-Dioxane
 Concen: 36.906 ng
 RT: 2.710 min Scan# 105
 Delta R.T. 0.135 min
 Lab File: BF138984.D
 Acq: 13 Aug 2024 20:33

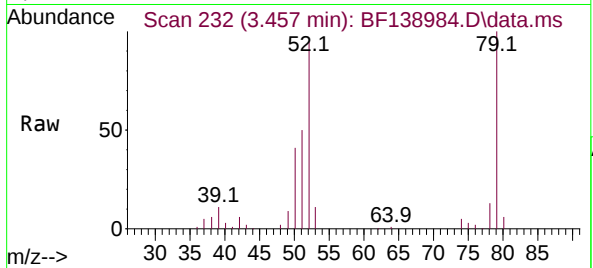
Tgt Ion: 88 Resp: 45582
 Ion Ratio Lower Upper
 88 100
 58 90.6 71.6 107.4
 43 43.8 28.7 43.1#





#3
Pyridine
Concen: 40.307 ng
RT: 3.457 min Scan# 211
Delta R.T. 0.124 min
Lab File: BF138984.D
Acq: 13 Aug 2024 20:33

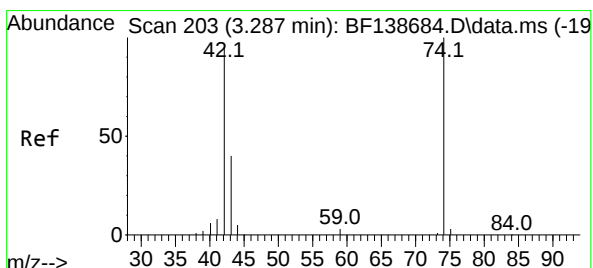
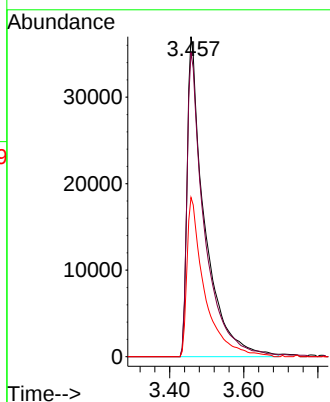
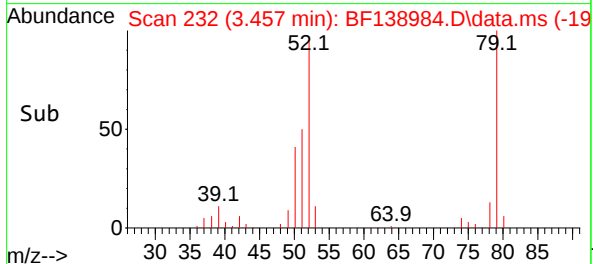
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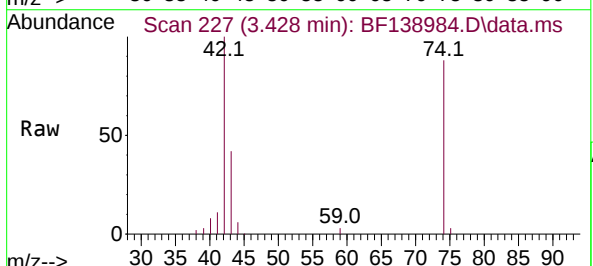
Tgt Ion: 79 Resp: 12059
Ion Ratio Lower Upper
79 100
52 95.1 74.7 112.1
51 49.8 34.6 51.8

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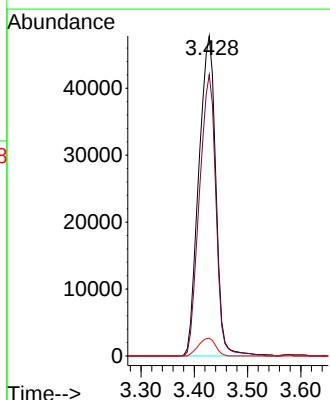
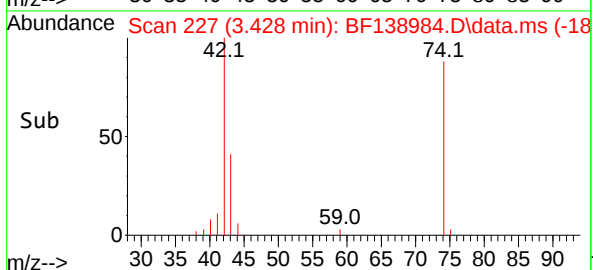
Reviewed By :Yogesh Patel 08/14/2024
Supervised By :mohammad ahmed 08/14/2024



#4
n-Nitrosodimethylamine
Concen: 59.446 ng
RT: 3.428 min Scan# 227
Delta R.T. 0.141 min
Lab File: BF138984.D
Acq: 13 Aug 2024 20:33



Tgt Ion: 42 Resp: 105930
Ion Ratio Lower Upper
42 100
74 87.9 84.2 126.4
44 5.5 4.9 7.3





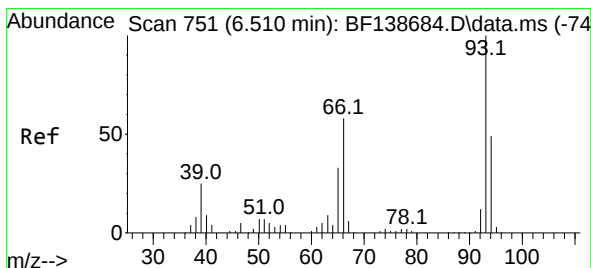
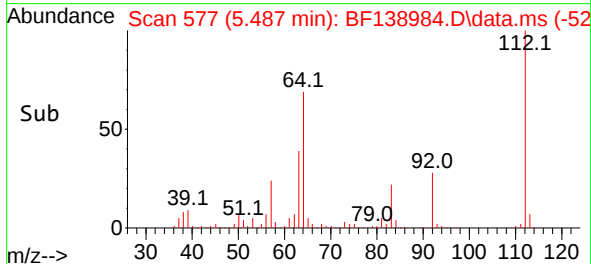
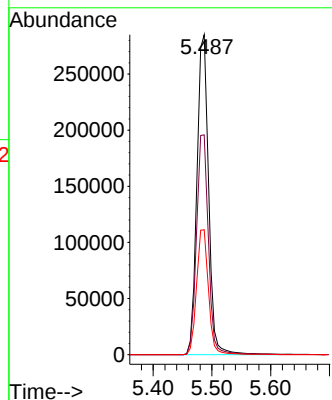
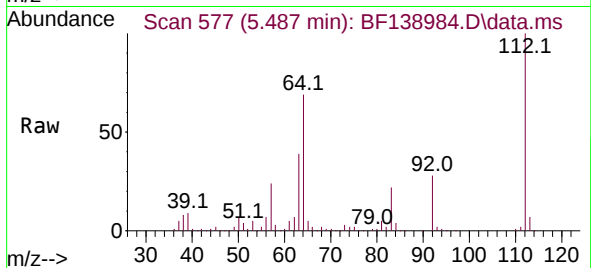
#5
2-Fluorophenol
Concen: 139.265 ng
RT: 5.487 min Scan# 51
Delta R.T. 0.018 min
Lab File: BF138984.D
Acq: 13 Aug 2024 20:33

Instrument :
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ClientSampleId :
PB162639BS

Tgt Ion:112 Resp: 392880
Ion Ratio Lower Upper
112 100
64 68.7 54.2 81.4
63 39.0 28.7 43.1

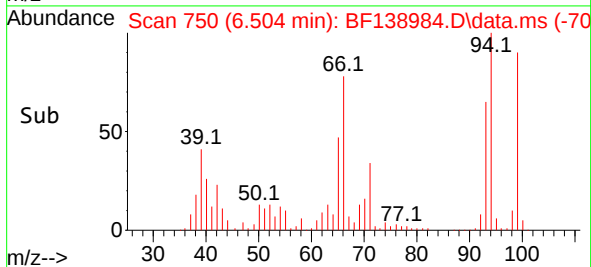
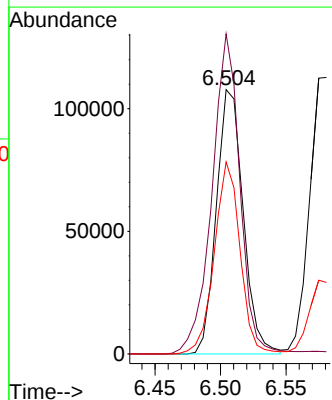
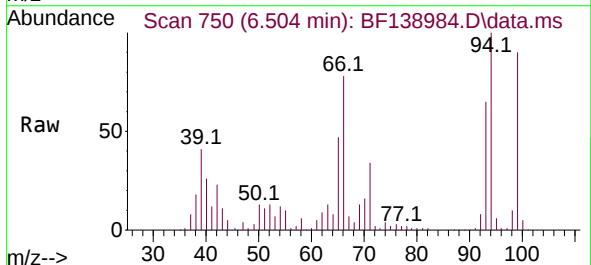
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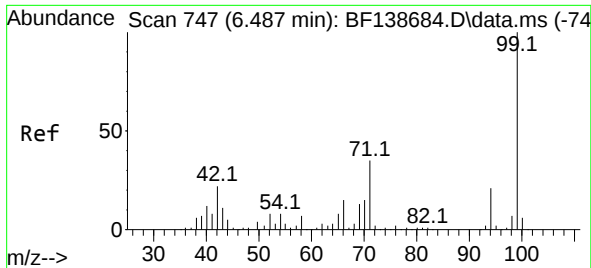
Reviewed By :Yogesh Patel 08/14/2024
Supervised By :mohammad ahmed 08/14/2024



#6
Aniline
Concen: 45.345 ng
RT: 6.504 min Scan# 750
Delta R.T. -0.006 min
Lab File: BF138984.D
Acq: 13 Aug 2024 20:33

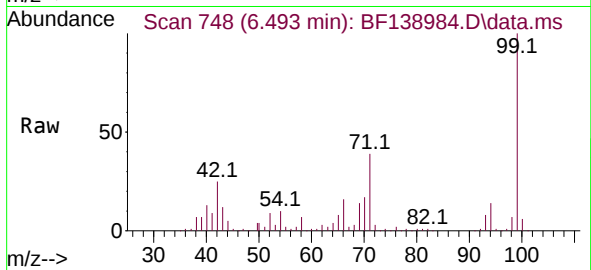
Tgt Ion: 93 Resp: 153168
Ion Ratio Lower Upper
93 100
66 121.0 46.9 70.3#
65 72.6 26.5 39.7#





#7
Phenol-d6
Concen: 141.630 ng
RT: 6.493 min Scan# 747
Delta R.T. 0.006 min
Lab File: BF138984.D
Acq: 13 Aug 2024 20:33

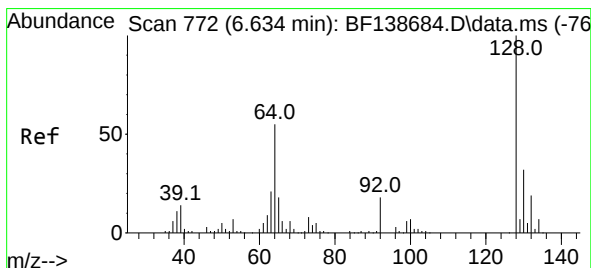
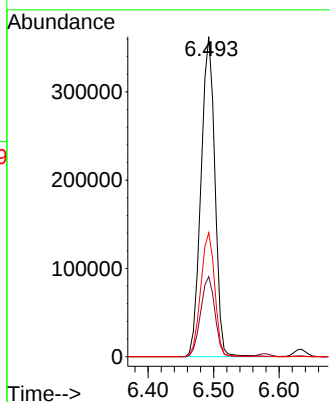
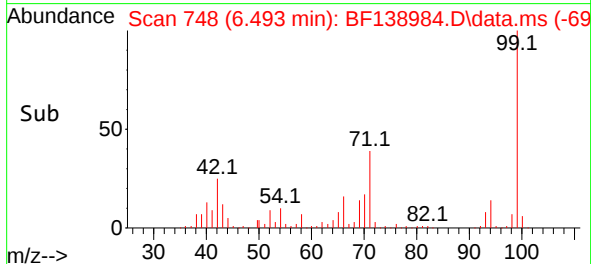
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Tgt Ion: 99 Resp: 536440
Ion Ratio Lower Upper
99 100
42 25.0 17.4 26.0
71 38.7 28.1 42.1

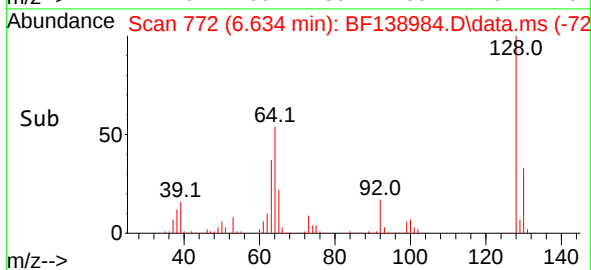
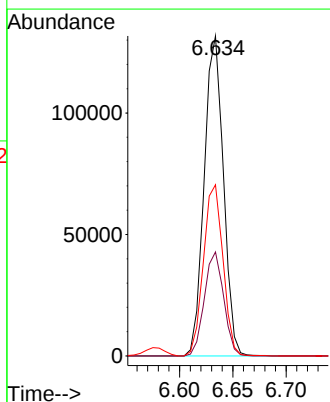
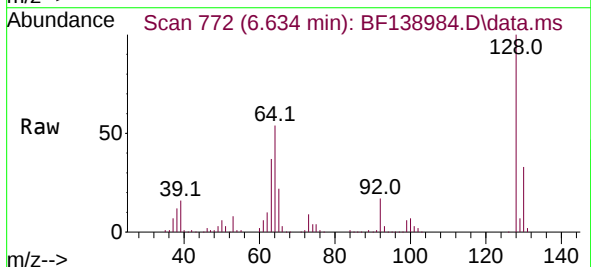
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#8
2-Chlorophenol
Concen: 55.685 ng
RT: 6.634 min Scan# 772
Delta R.T. 0.000 min
Lab File: BF138984.D
Acq: 13 Aug 2024 20:33

Tgt Ion:128 Resp: 165281
Ion Ratio Lower Upper
128 100
130 32.5 12.0 52.0
64 53.5 36.3 76.3





#9

Benzaldehyde

Concen: 2.333 ng

RT: 6.404 min Scan# 71

Delta R.T. 0.006 min

Lab File: BF138984.D

Acq: 13 Aug 2024 20:33

Instrument :

BNA_F

ClientSampleId :

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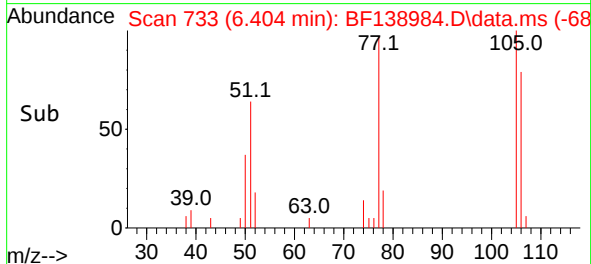
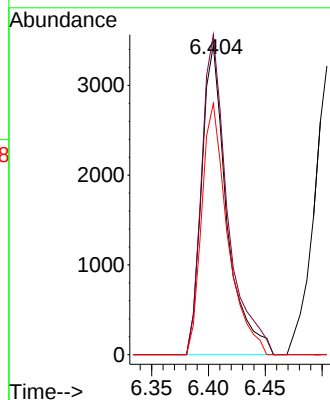
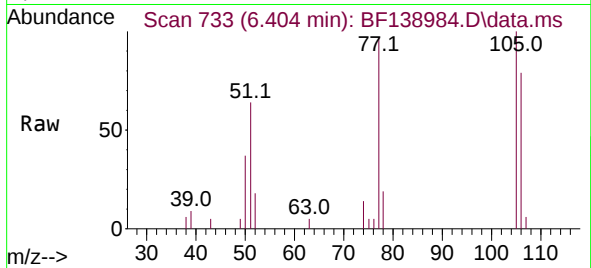
Tgt Ion:	77	Resp:	5290
Ion	Ratio	Lower	Upper
77	100		
105	103.4	72.9	112.9
106	81.2	68.4	108.4

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#10

Phenol

Concen: 53.854 ng

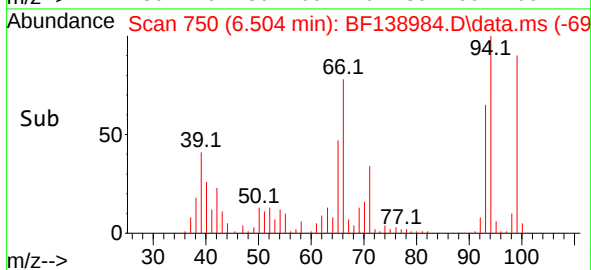
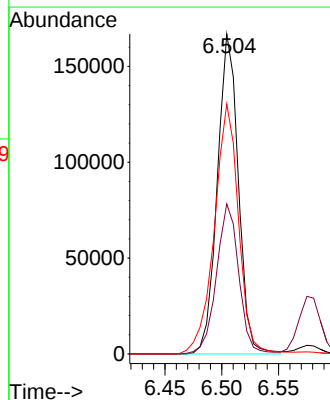
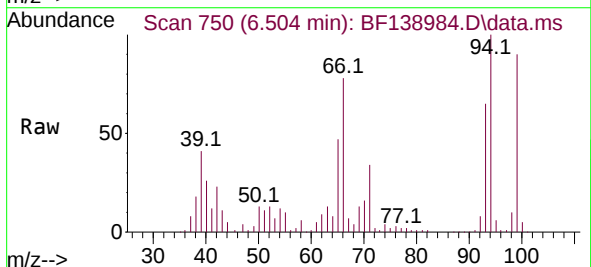
RT: 6.504 min Scan# 750

Delta R.T. 0.006 min

Lab File: BF138984.D

Acq: 13 Aug 2024 20:33

Tgt Ion:	94	Resp:	214767
Ion	Ratio	Lower	Upper
94	100		
65	46.9	16.9	56.9
66	78.2	36.5	76.5





#11

bis(2-Chloroethyl)ether

Concen: 50.195 ng

RT: 6.581 min Scan# 70

Delta R.T. -0.006 min

Lab File: BF138984.D

Acq: 13 Aug 2024 20:33

Instrument :

BNA_F

ClientSampleId :

PB162639BS

Tgt Ion: 93 Resp: 15404

Ion Ratio Lower Upper

93 100

63 84.6 65.3 105.3

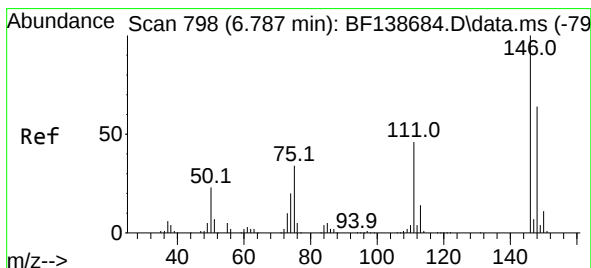
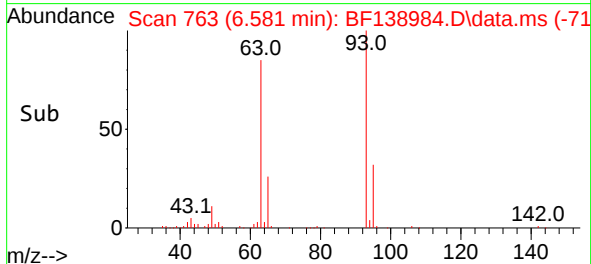
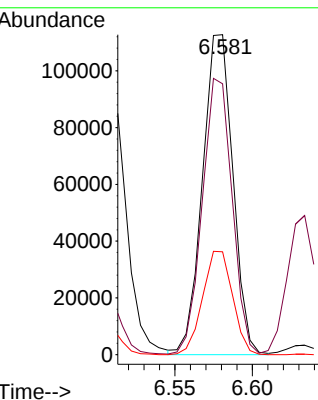
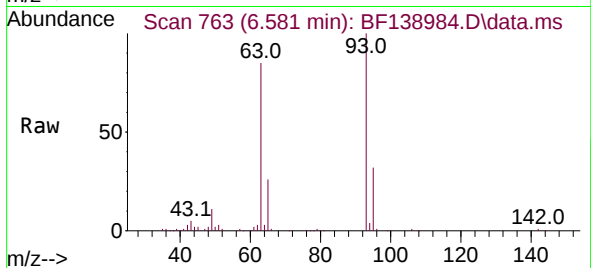
95 32.2 12.4 52.4

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 08/14/2024

Supervised By :mohammad ahmed 08/14/2024



#12

1,3-Dichlorobenzene

Concen: 50.849 ng

RT: 6.781 min Scan# 797

Delta R.T. -0.006 min

Lab File: BF138984.D

Acq: 13 Aug 2024 20:33

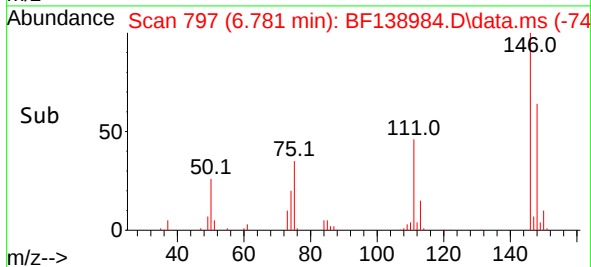
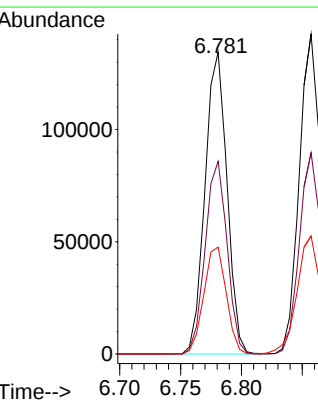
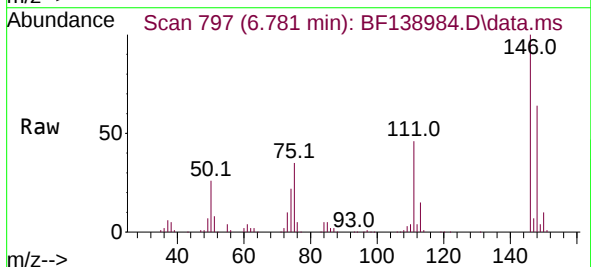
Tgt Ion:146 Resp: 168944

Ion Ratio Lower Upper

146 100

148 63.8 51.2 76.8

75 35.4 27.4 41.2





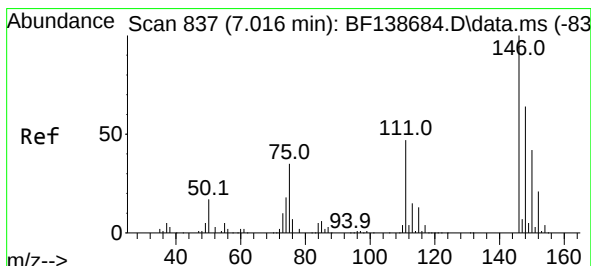
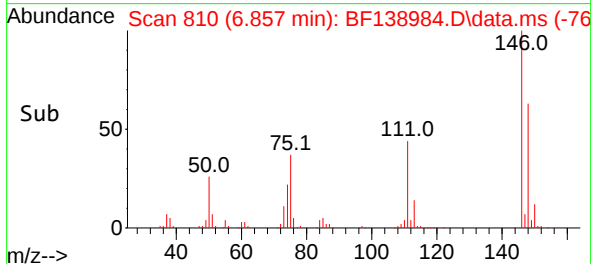
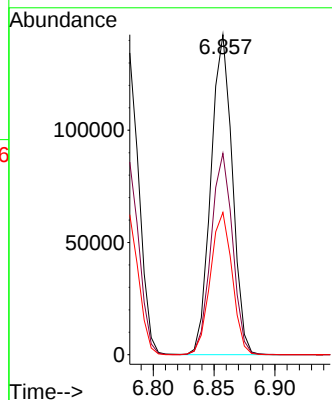
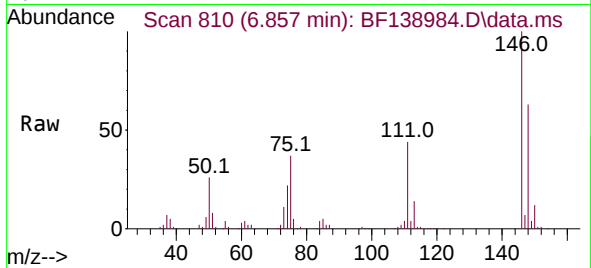
#13
1,4-Dichlorobenzene
Concen: 52.032 ng
RT: 6.857 min Scan# 811
Delta R.T. -0.006 min
Lab File: BF138984.D
Acq: 13 Aug 2024 20:33

Instrument :
BNA_F
ClientSampleId :
PB162639BS

Tgt Ion:146 Resp: 174460
Ion Ratio Lower Upper
146 100
148 62.9 50.2 75.2
111 44.5 35.9 53.9

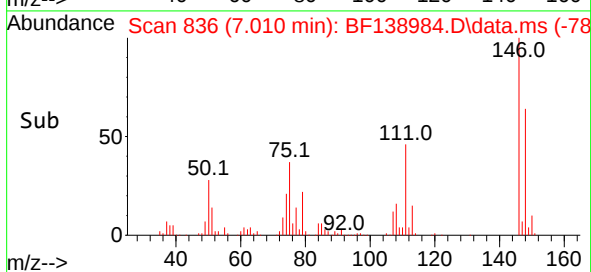
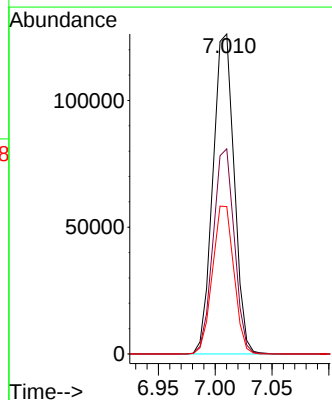
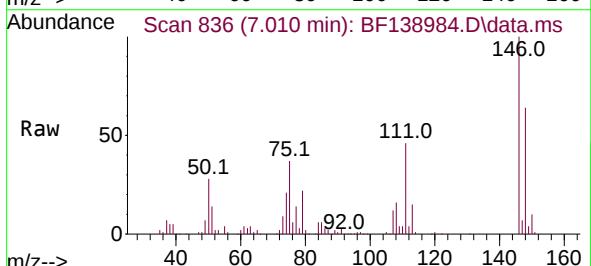
Manual Integrations
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Reviewed By :Yogesh Patel 08/14/2024
Supervised By :mohammad ahmed 08/14/2024



#14
1,2-Dichlorobenzene
Concen: 52.561 ng
RT: 7.010 min Scan# 836
Delta R.T. -0.006 min
Lab File: BF138984.D
Acq: 13 Aug 2024 20:33

Tgt Ion:146 Resp: 164702
Ion Ratio Lower Upper
146 100
148 64.1 50.8 76.2
111 46.1 37.4 56.2





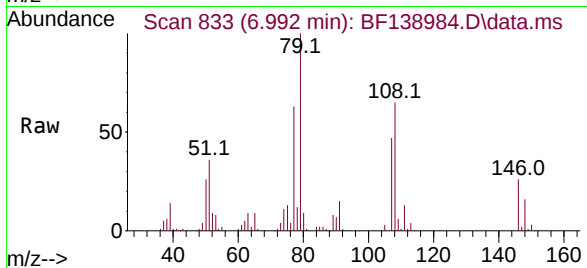
#15
Benzyl Alcohol
Concen: 57.514 ng
RT: 6.992 min Scan# 811
Delta R.T. 0.000 min
Lab File: BF138984.D
Acq: 13 Aug 2024 20:33

Instrument :

BNA_F

ClientSampleId :

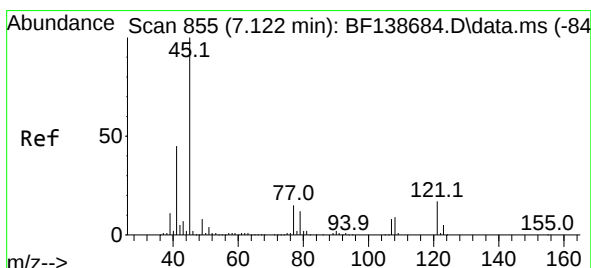
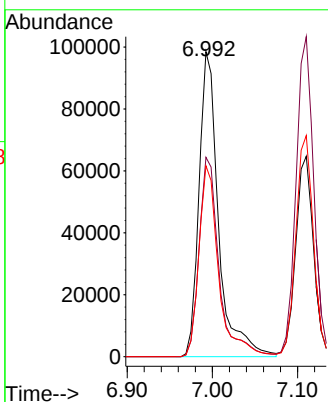
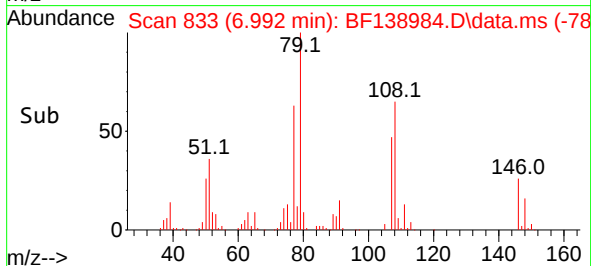
PB162639BS



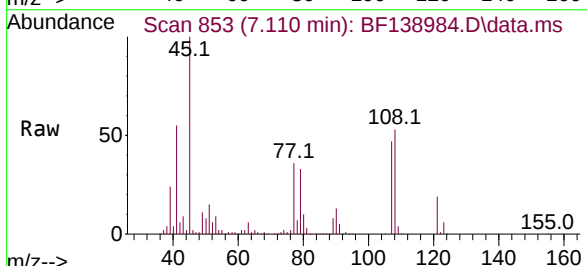
Tgt Ion: 79 Resp: 157008
Ion Ratio Lower Upper
79 100
108 65.4 56.6 85.0
77 62.6 50.3 75.5

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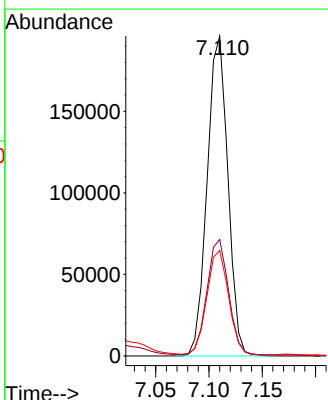
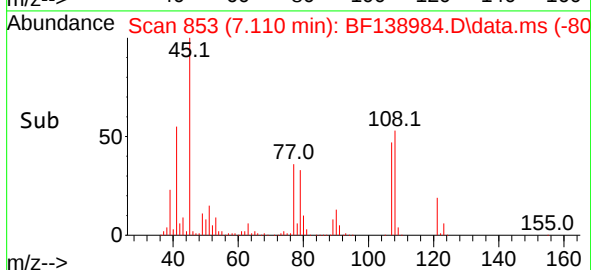
Reviewed By :Yogesh Patel 08/14/2024
Supervised By :mohammad ahmed 08/14/2024



#16
2,2'-oxybis(1-Chloropropane)
Concen: 50.247 ng
RT: 7.110 min Scan# 853
Delta R.T. -0.012 min
Lab File: BF138984.D
Acq: 13 Aug 2024 20:33



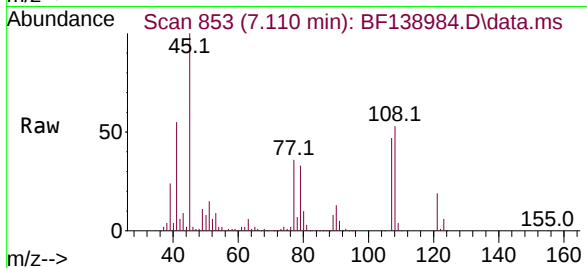
Tgt Ion: 45 Resp: 265374
Ion Ratio Lower Upper
45 100
77 36.4 0.0 34.9#
79 33.0 0.0 32.2#





#17
2-Methylphenol
Concen: 55.030 ng
RT: 7.110 min Scan# 853
Delta R.T. 0.006 min
Lab File: BF138984.D
Acq: 13 Aug 2024 20:33

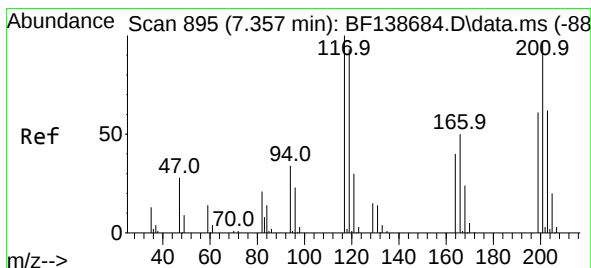
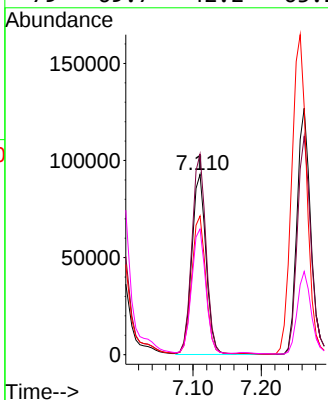
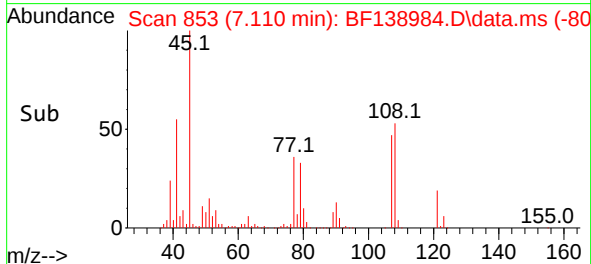
Instrument :
BNA_F
ClientSampleId :
PB162639BS



Tgt Ion:107 Resp: 13487
Ion Ratio Lower Upper
107 100
108 111.3 89.2 133.8
77 76.9 43.0 64.4
79 69.7 42.2 63.2

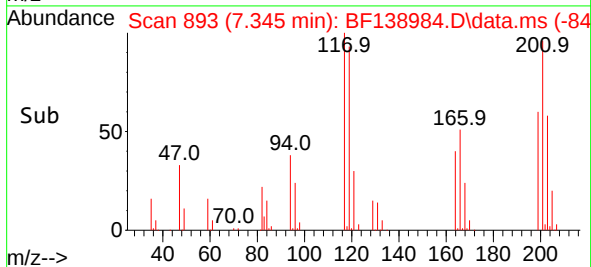
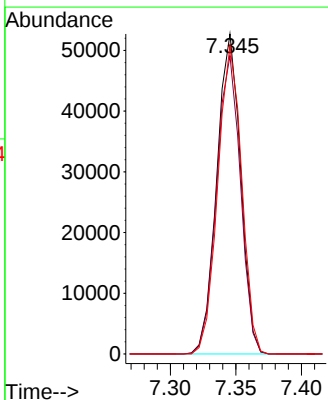
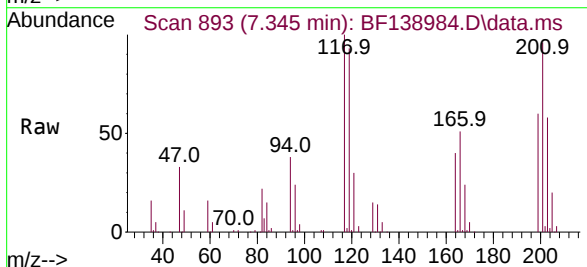
Manual Integrations
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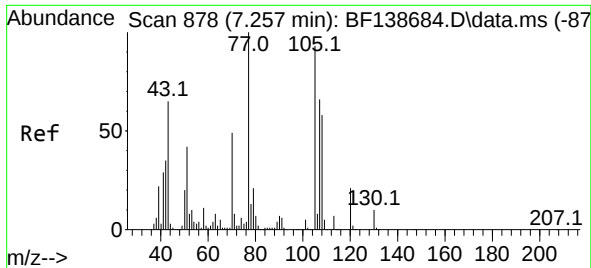
Reviewed By :Yogesh Patel 08/14/2024
Supervised By :mohammad ahmed 08/14/2024



#18
Hexachloroethane
Concen: 52.672 ng
RT: 7.345 min Scan# 893
Delta R.T. -0.012 min
Lab File: BF138984.D
Acq: 13 Aug 2024 20:33

Tgt Ion:117 Resp: 66479
Ion Ratio Lower Upper
117 100
119 93.3 74.6 111.8
201 96.4 77.2 115.8





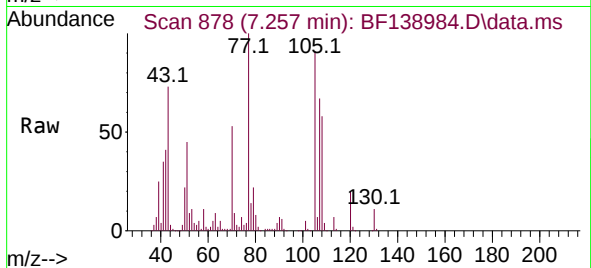
#19
n-Nitroso-di-n-propylamine
Concen: 57.096 ng
RT: 7.257 min Scan# 81
Delta R.T. 0.000 min
Lab File: BF138984.D
Acq: 13 Aug 2024 20:33

Instrument :

BNA_F

ClientSampleId :

PB162639BS

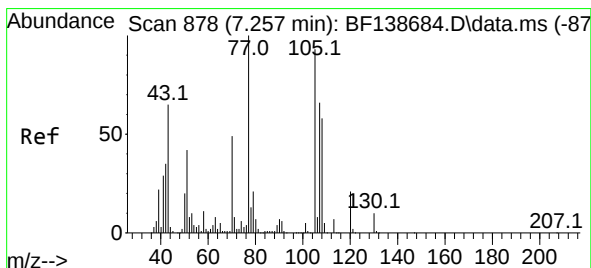
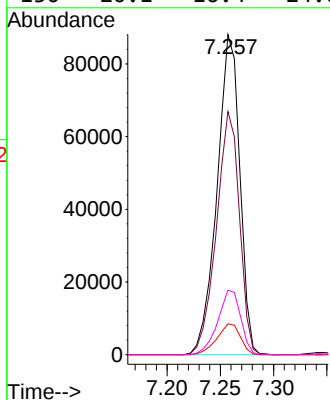
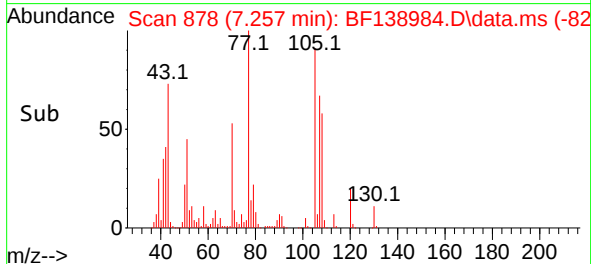


Tgt Ion: 70 Resp: 13061
Ion Ratio Lower Upper
70 100
42 76.0 57.4 86.0
101 9.7 7.5 11.3
130 20.1 16.4 24.6

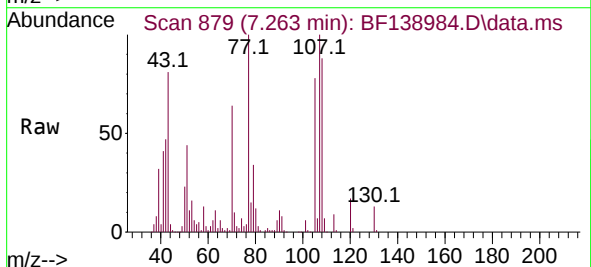
Manual Integrations

APPROVED

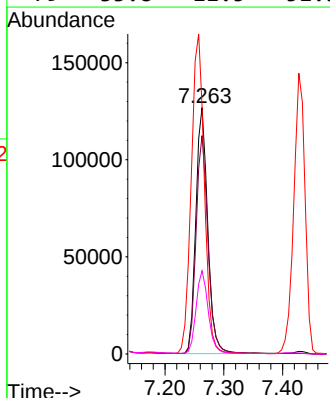
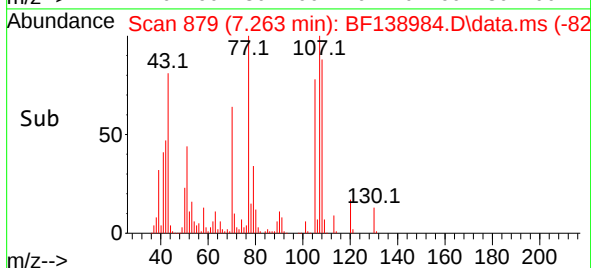
Reviewed By :Yogesh Patel 08/14/2024
Supervised By :mohammad ahmed 08/14/2024

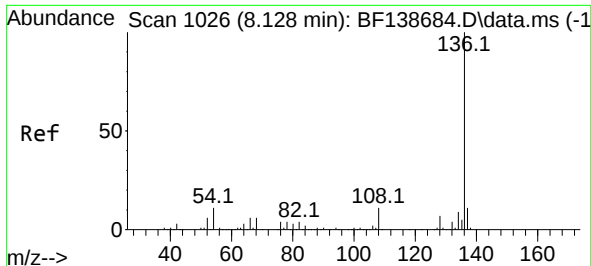


#20
3+4-Methylphenols
Concen: 56.618 ng
RT: 7.263 min Scan# 879
Delta R.T. 0.006 min
Lab File: BF138984.D
Acq: 13 Aug 2024 20:33



Tgt Ion:107 Resp: 178043
Ion Ratio Lower Upper
107 100
108 88.6 68.2 108.2
77 100.4 132.1 172.1#
79 33.8 11.5 51.5





#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.122 min Scan# 1025
Delta R.T. -0.006 min
Lab File: BF138984.D
Acq: 13 Aug 2024 20:33

Instrument :

BNA_F

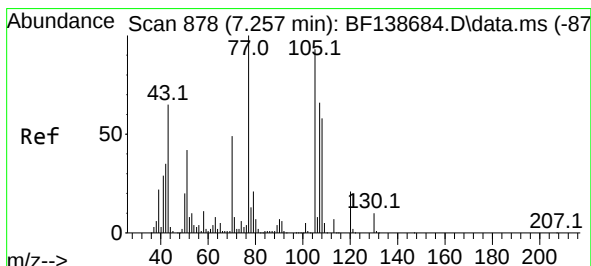
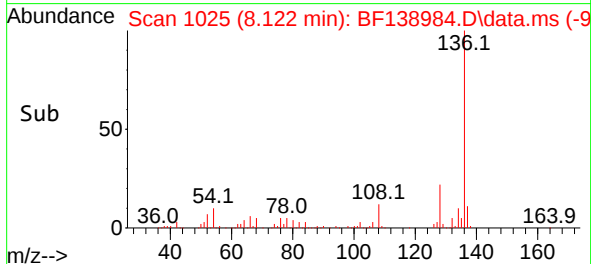
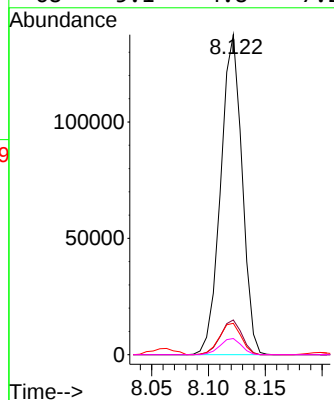
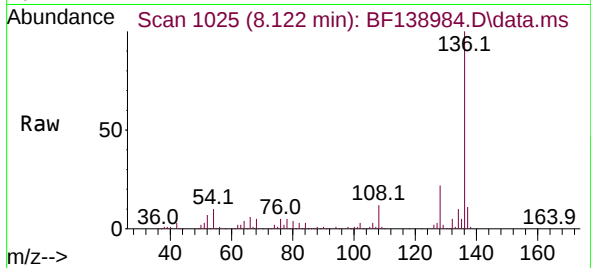
ClientSampleId :

PB162639BS

Tgt Ion:136 Resp: 180110
Ion Ratio Lower Upper
136 100
137 10.9 8.9 13.3
54 9.8 8.6 12.8
68 5.1 4.8 7.2

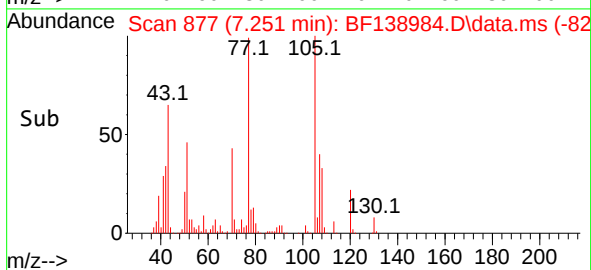
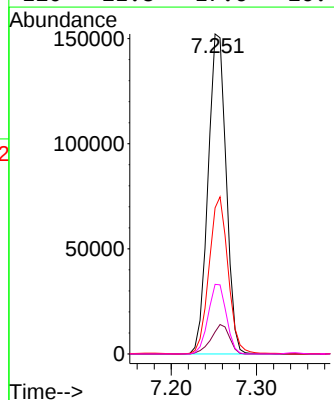
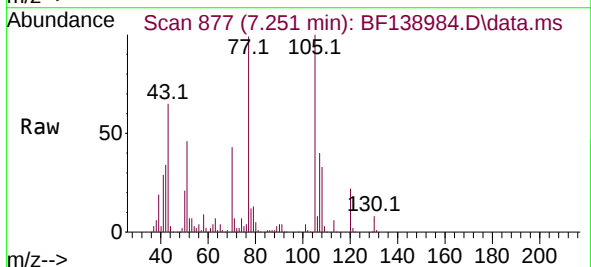
Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 08/14/2024
Supervised By :mohammad ahmed 08/14/2024



#22
Acetophenone
Concen: 50.857 ng
RT: 7.251 min Scan# 877
Delta R.T. -0.006 min
Lab File: BF138984.D
Acq: 13 Aug 2024 20:33

Tgt Ion:105 Resp: 224277
Ion Ratio Lower Upper
105 100
71 6.9 7.2 10.8#
51 45.6 35.9 53.9
120 21.8 17.6 26.4





#23

Nitrobenzene-d5

Concen: 95.293 ng

RT: 7.410 min Scan# 904

Delta R.T. 0.000 min

Lab File: BF138984.D

Acq: 13 Aug 2024 20:33

Instrument :

BNA_F

ClientSampleId :

PB162639BS

Tgt Ion: 82 Resp: 351049

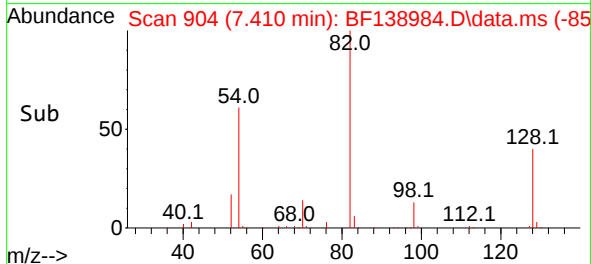
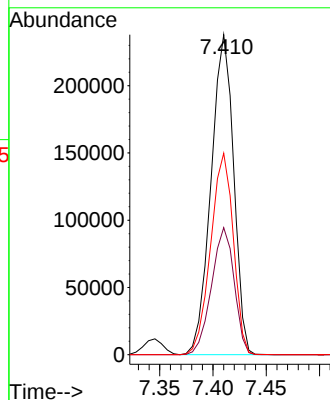
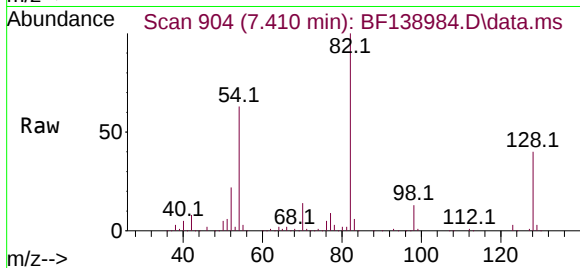
Ion	Ratio	Lower	Upper
82	100		
128	39.7	32.8	49.2
54	63.0	48.3	72.5

Manual Integrations

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Reviewed By :Yogesh Patel 08/14/2024

Supervised By :mohammad ahmed 08/14/2024



#24

Nitrobenzene

Concen: 51.389 ng

RT: 7.428 min Scan# 907

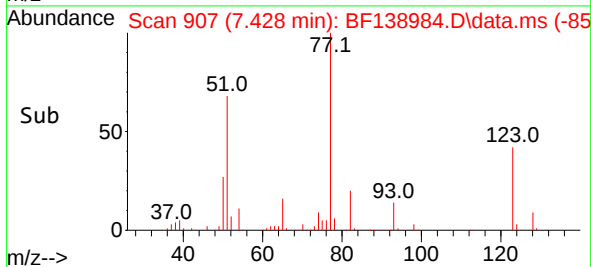
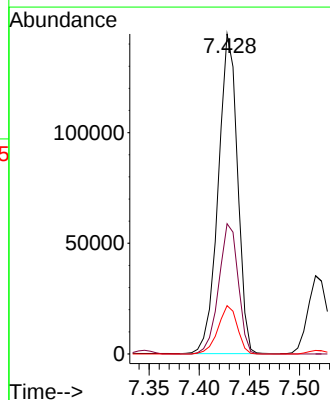
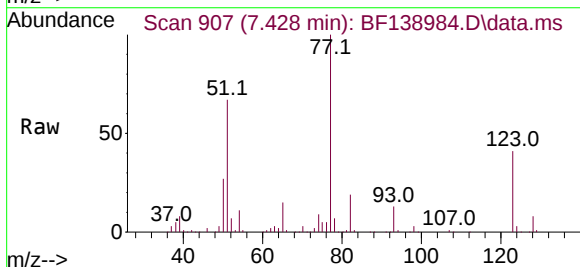
Delta R.T. 0.000 min

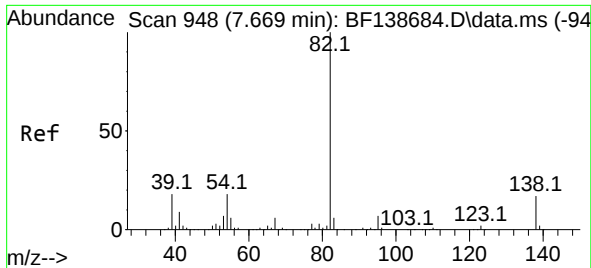
Lab File: BF138984.D

Acq: 13 Aug 2024 20:33

Tgt Ion: 77 Resp: 192638

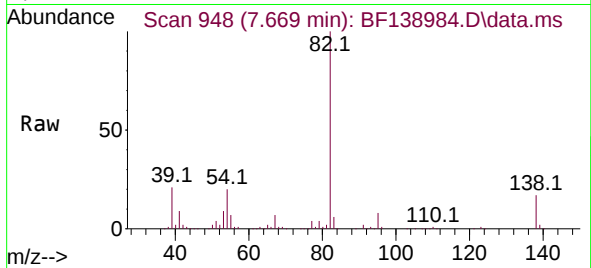
Ion	Ratio	Lower	Upper
77	100		
123	40.7	33.3	49.9
65	15.1	11.9	17.9





#25
Isophorone
Concen: 54.016 ng
RT: 7.669 min Scan# 948
Delta R.T. 0.000 min
Lab File: BF138984.D
Acq: 13 Aug 2024 20:33

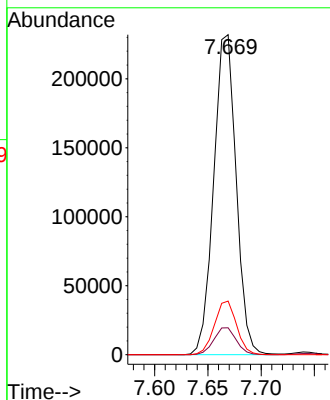
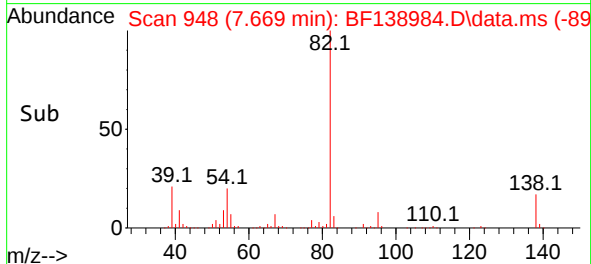
Instrument :
BNA_F
ClientSampleId :
PB162639BS



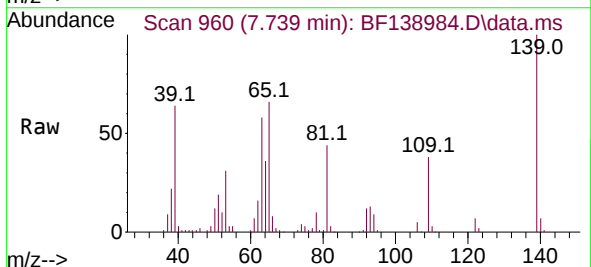
Tgt Ion: 82 Resp: 339785
Ion Ratio Lower Upper
82 100
95 8.4 5.7 8.5
138 16.7 13.7 20.5

Manual Integrations
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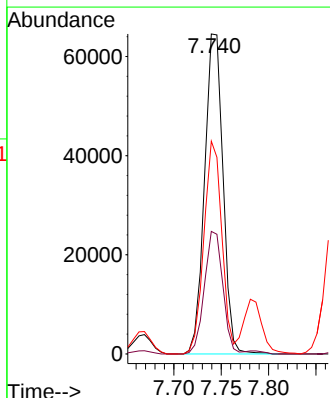
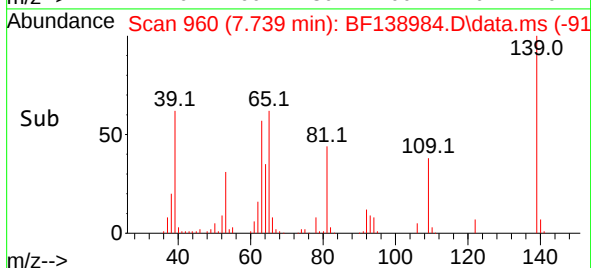
Reviewed By :Yogesh Patel 08/14/2024
Supervised By :mohammad ahmed 08/14/2024



#26
2-Nitrophenol
Concen: 54.432 ng
RT: 7.739 min Scan# 960
Delta R.T. -0.006 min
Lab File: BF138984.D
Acq: 13 Aug 2024 20:33



Tgt Ion:139 Resp: 87787
Ion Ratio Lower Upper
139 100
109 38.3 25.9 38.9
65 66.5 47.0 70.6





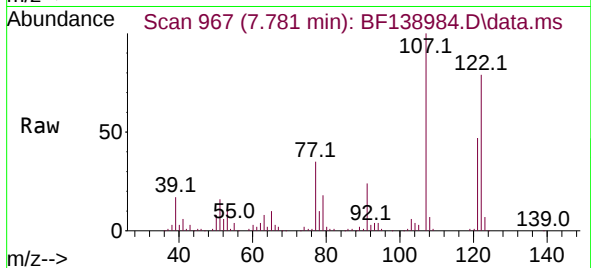
#27
2,4-Dimethylphenol
Concen: 58.910 ng
RT: 7.781 min Scan# 90
Delta R.T. 0.000 min
Lab File: BF138984.D
Acq: 13 Aug 2024 20:33

Instrument :

BNA_F

ClientSampleId :

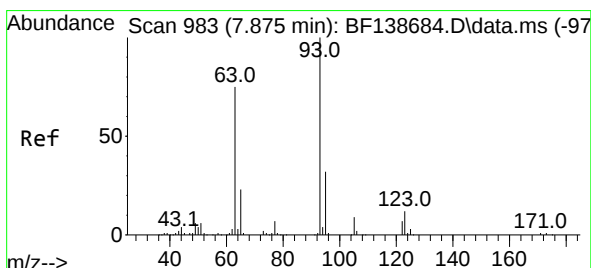
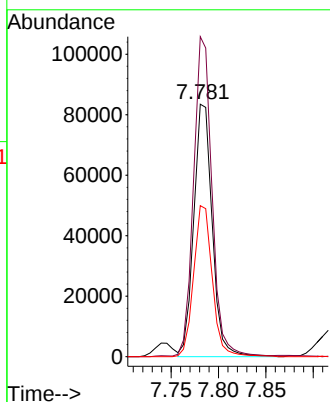
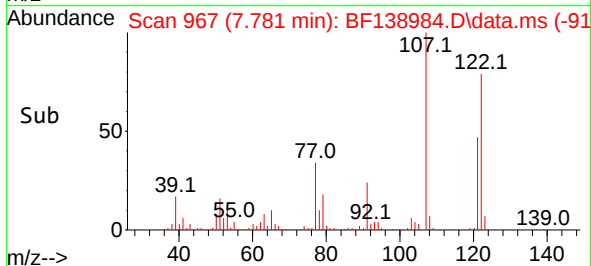
PB162639BS



Tgt Ion:122 Resp: 11367
Ion Ratio Lower Upper
122 100
107 126.7 95.0 142.6
121 59.8 47.3 70.9

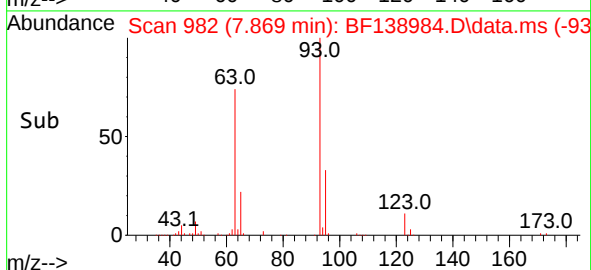
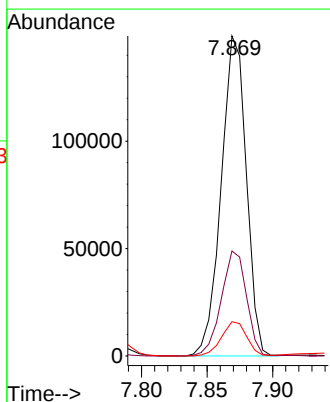
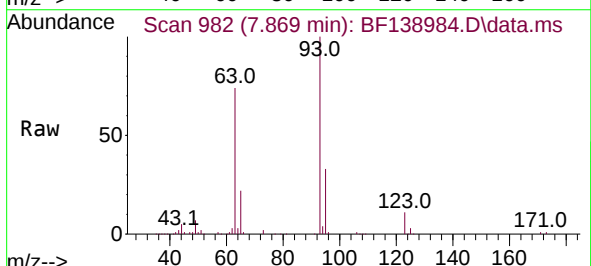
Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 08/14/2024
Supervised By :mohammad ahmed 08/14/2024



#28
bis(2-Chloroethoxy)methane
Concen: 51.859 ng
RT: 7.869 min Scan# 982
Delta R.T. -0.006 min
Lab File: BF138984.D
Acq: 13 Aug 2024 20:33

Tgt Ion: 93 Resp: 198656
Ion Ratio Lower Upper
93 100
95 32.8 25.8 38.8
123 10.7 9.4 14.0





#29

2,4-Dichlorophenol

Concen: 55.639 ng

RT: 7.992 min Scan# 1003

Delta R.T. 0.000 min

Lab File: BF138984.D

Acq: 13 Aug 2024 20:33

Instrument :

BNA_F

ClientSampleId :

PB162639BS

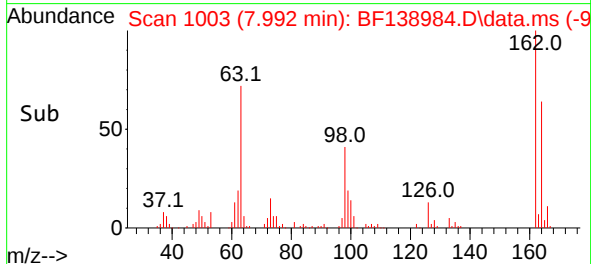
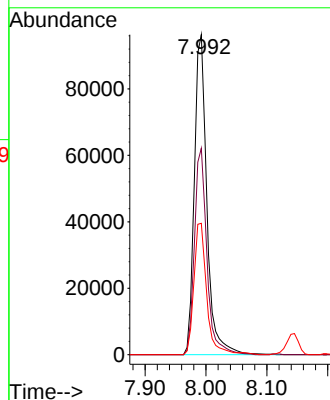
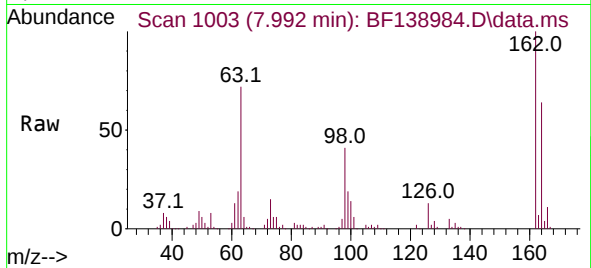
Tgt Ion:162 Resp: 137958
 Ion Ratio Lower Upper
 162 100
 164 64.5 44.7 84.7
 98 41.0 20.8 60.8

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 08/14/2024

Supervised By :mohammad ahmed 08/14/2024



#30

1,2,4-Trichlorobenzene

Concen: 51.762 ng

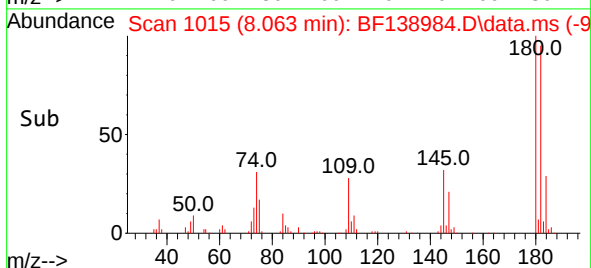
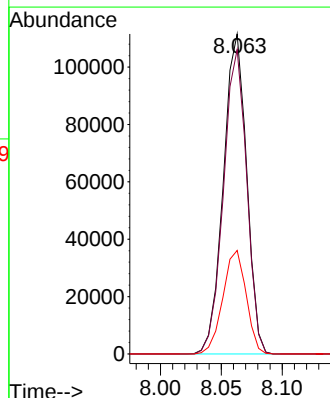
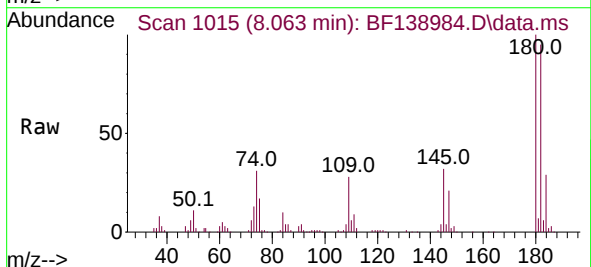
RT: 8.063 min Scan# 1015

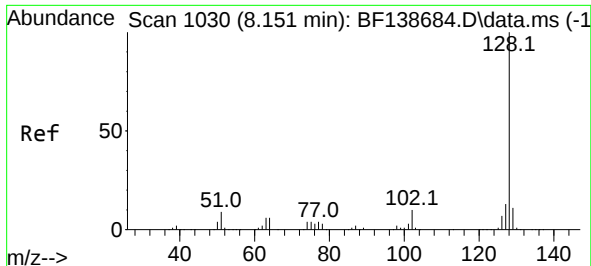
Delta R.T. -0.006 min

Lab File: BF138984.D

Acq: 13 Aug 2024 20:33

Tgt Ion:180 Resp: 148116
 Ion Ratio Lower Upper
 180 100
 182 95.2 76.9 115.3
 145 32.3 25.0 37.4





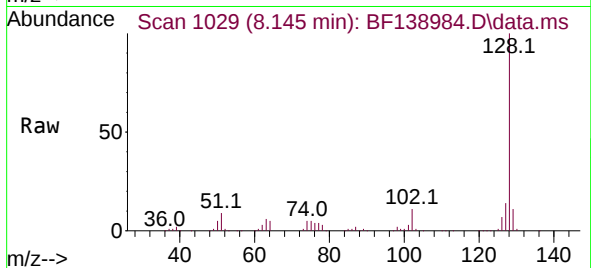
#31
Naphthalene
Concen: 52.009 ng
RT: 8.145 min Scan# 1030
Delta R.T. -0.006 min
Lab File: BF138984.D
Acq: 13 Aug 2024 20:33

Instrument :

BNA_F

ClientSampleId :

PB162639BS

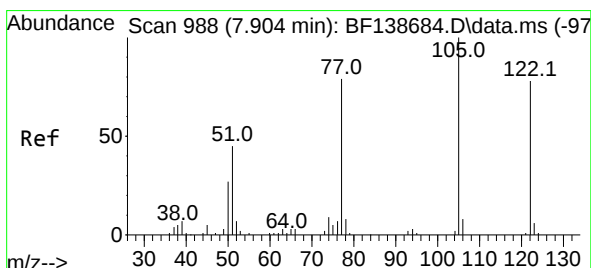
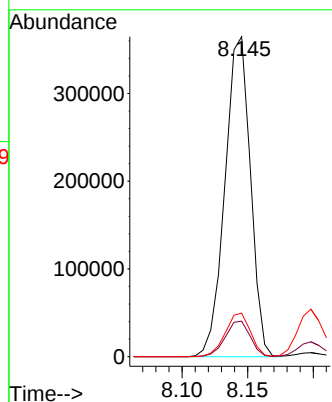
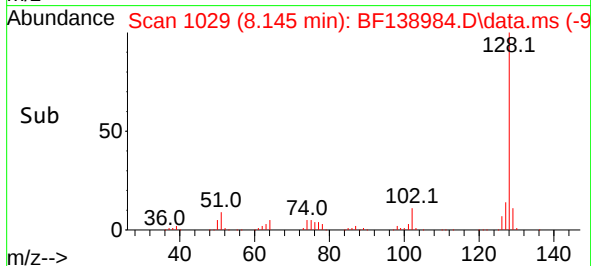


Tgt Ion:128 Resp: 493069
Ion Ratio Lower Upper
128 100
129 11.1 8.7 13.1
127 13.6 10.6 16.0

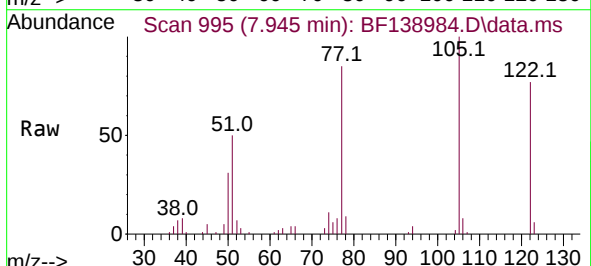
Manual Integrations

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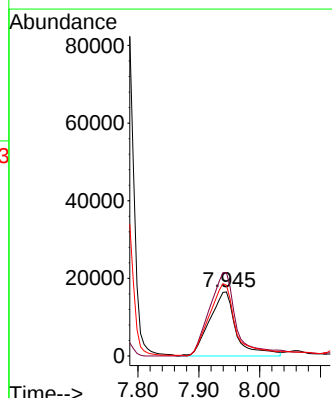
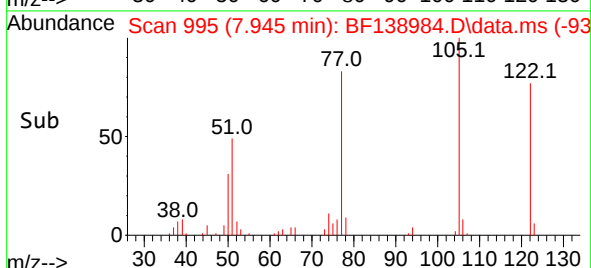
Reviewed By :Yogesh Patel 08/14/2024
Supervised By :mohammad ahmed 08/14/2024



#32
Benzoic acid
Concen: 33.224 ng
RT: 7.945 min Scan# 995
Delta R.T. 0.041 min
Lab File: BF138984.D
Acq: 13 Aug 2024 20:33



Tgt Ion:122 Resp: 50396
Ion Ratio Lower Upper
122 100
105 130.4 106.7 146.7
77 110.7 81.1 121.1





#33

4-Chloroaniline

Concen: 25.628 ng

RT: 8.198 min Scan# 1038

Delta R.T. -0.006 min

Lab File: BF138984.D

Acq: 13 Aug 2024 20:33

Instrument :

BNA_F

ClientSampleId :

PB162639BS

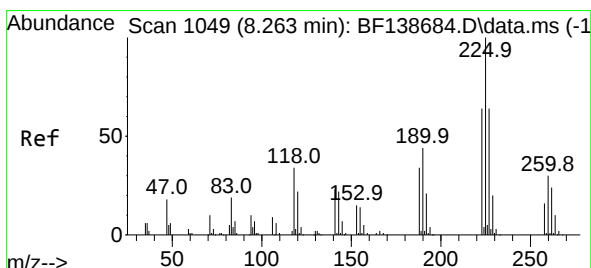
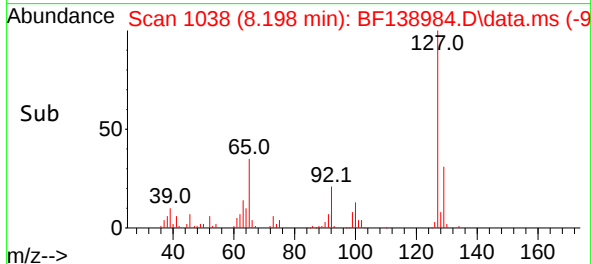
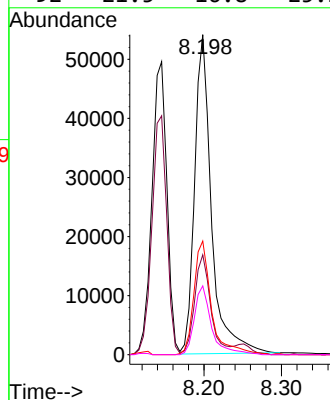
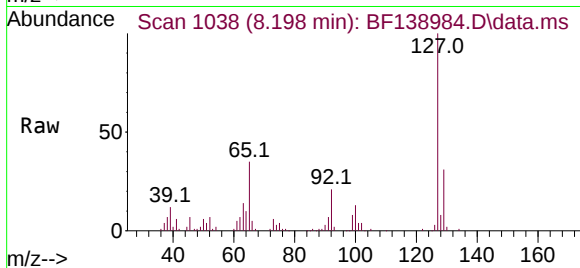
Tgt Ion:	127	Resp:	8155
Ion Ratio	Lower	Upper	
127	100		
129	31.2	25.9	38.9
65	35.5	27.6	41.4
92	21.5	16.8	25.2

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 08/14/2024

Supervised By :mohammad ahmed 08/14/2024



#34

Hexachlorobutadiene

Concen: 52.087 ng

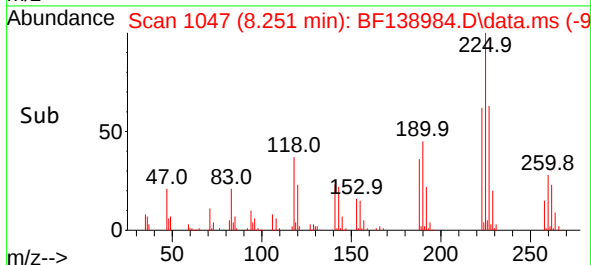
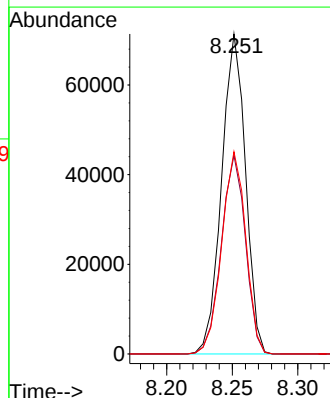
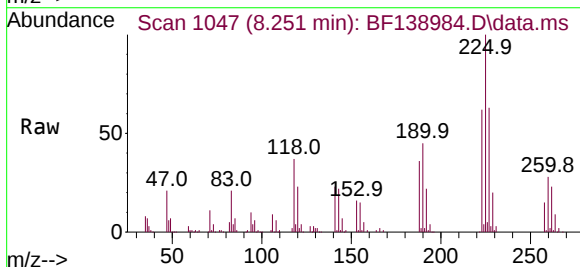
RT: 8.251 min Scan# 1047

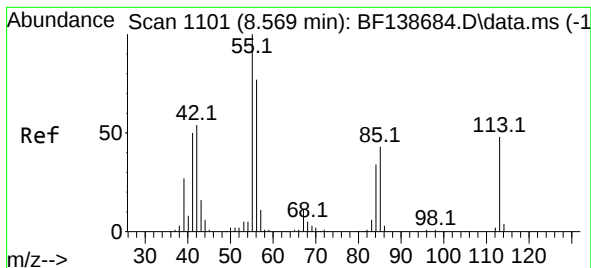
Delta R.T. -0.012 min

Lab File: BF138984.D

Acq: 13 Aug 2024 20:33

Tgt Ion:	225	Resp:	90276
Ion Ratio	Lower	Upper	
225	100		
223	62.0	51.2	76.8
227	63.2	51.1	76.7





#35

Caprolactam

Concen: 52.291 ng m

RT: 8.586 min Scan# 1104

Delta R.T. 0.018 min

Lab File: BF138984.D

Acq: 13 Aug 2024 20:33

Instrument :

BNA_F

ClientSampleId :

PB162639BS

Tgt Ion:113 Resp: 3868

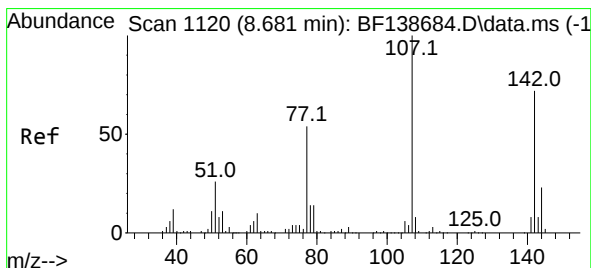
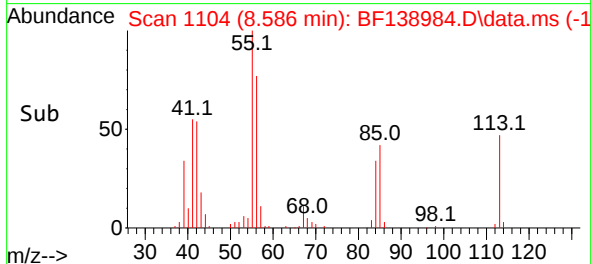
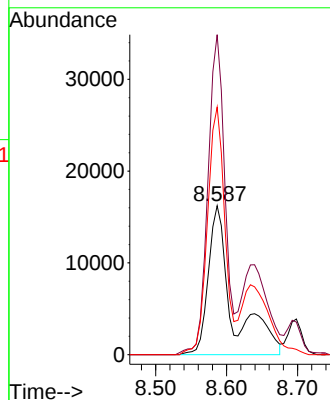
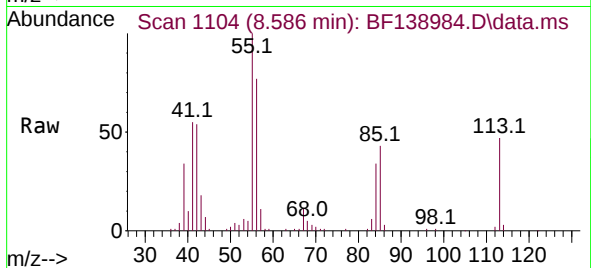
Ion	Ratio	Lower	Upper
113	100		
55	214.9	186.7	226.7
56	166.2	138.9	178.9

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 08/14/2024

Supervised By :mohammad ahmed 08/14/2024



#36

4-Chloro-3-methylphenol

Concen: 55.996 ng

RT: 8.698 min Scan# 1123

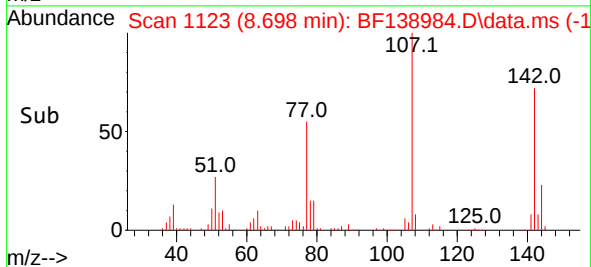
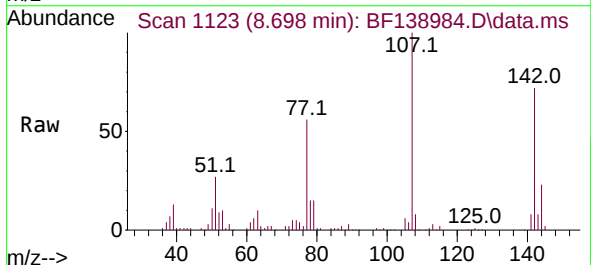
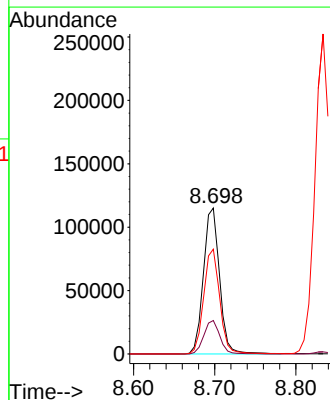
Delta R.T. 0.018 min

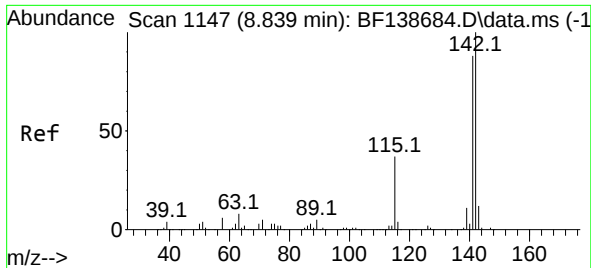
Lab File: BF138984.D

Acq: 13 Aug 2024 20:33

Tgt Ion:107 Resp: 158678

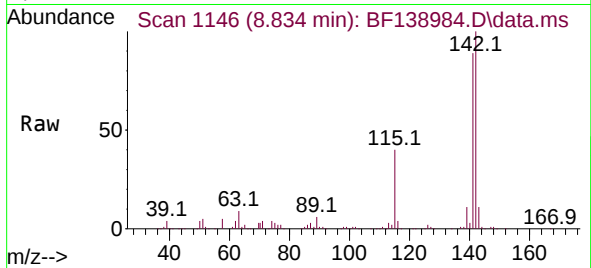
Ion	Ratio	Lower	Upper
107	100		
144	23.0	18.2	27.2
142	71.8	57.4	86.2





#37
2-Methylnaphthalene
Concen: 53.729 ng
RT: 8.834 min Scan# 1147
Delta R.T. -0.006 min
Lab File: BF138984.D
Acq: 13 Aug 2024 20:33

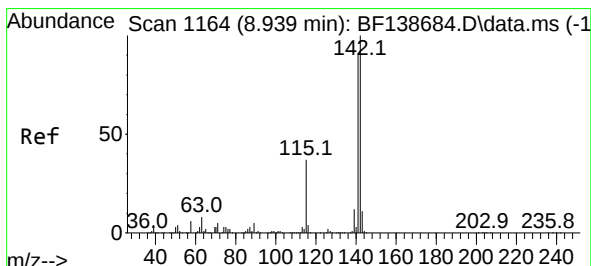
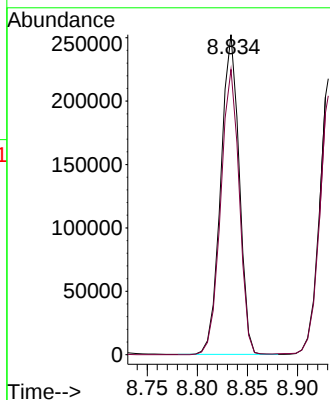
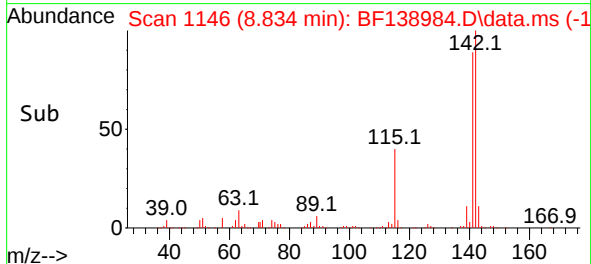
Instrument :
BNA_F
ClientSampleId :
PB162639BS



Tgt Ion:142 Resp: 321697
Ion Ratio Lower Upper
142 100
141 89.1 70.8 106.2

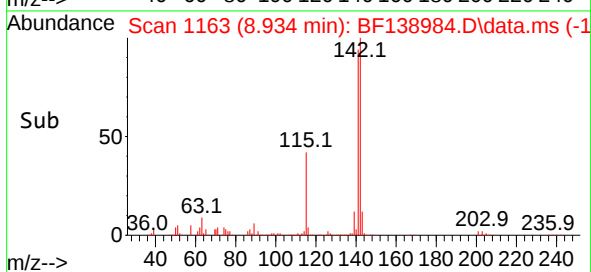
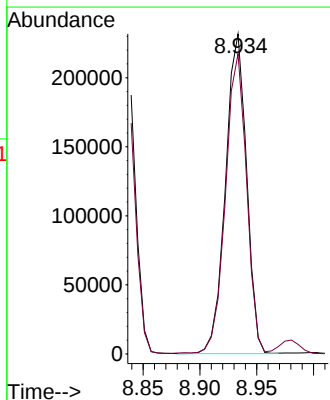
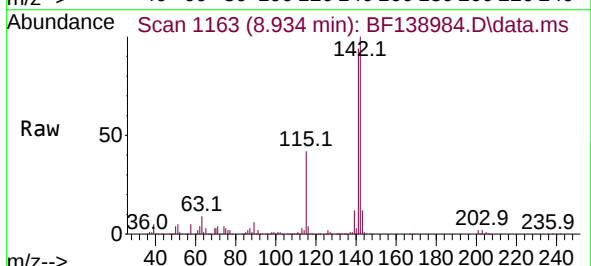
Manual Integrations
APPROVED

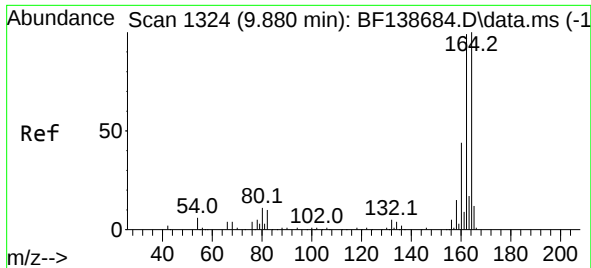
Reviewed By :Yogesh Patel 08/14/2024
Supervised By :mohammad ahmed 08/14/2024



#38
1-Methylnaphthalene
Concen: 50.776 ng
RT: 8.934 min Scan# 1163
Delta R.T. -0.006 min
Lab File: BF138984.D
Acq: 13 Aug 2024 20:33

Tgt Ion:142 Resp: 297909
Ion Ratio Lower Upper
142 100
141 93.8 73.1 109.7





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.875 min Scan# 11

Delta R.T. -0.005 min

Lab File: BF138984.D

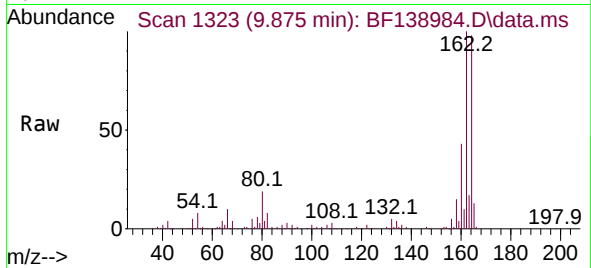
Acq: 13 Aug 2024 20:33

Instrument :

BNA_F

ClientSampleId :

PB162639BS



Tgt Ion:164 Resp: 99619

Ion Ratio Lower Upper

164 100

162 102.4 79.4 119.0

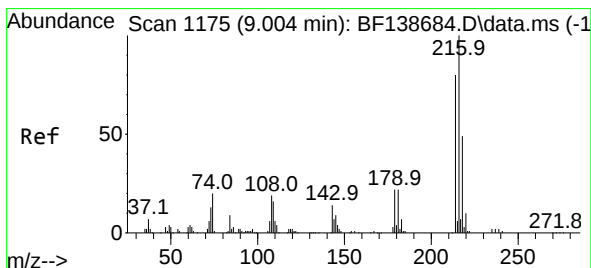
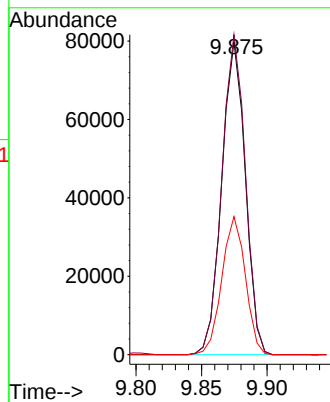
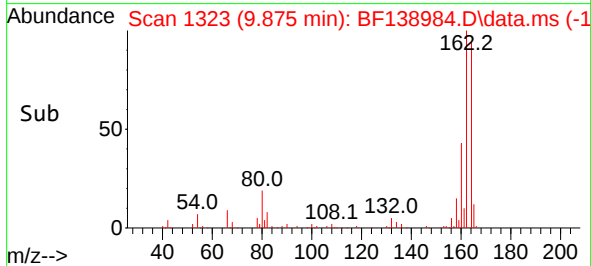
160 44.2 35.1 52.7

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 08/14/2024

Supervised By :mohammad ahmed 08/14/2024



#40

1,2,4,5-Tetrachlorobenzene

Concen: 49.837 ng

RT: 8.998 min Scan# 1174

Delta R.T. -0.006 min

Lab File: BF138984.D

Acq: 13 Aug 2024 20:33

Tgt Ion:216 Resp: 137914

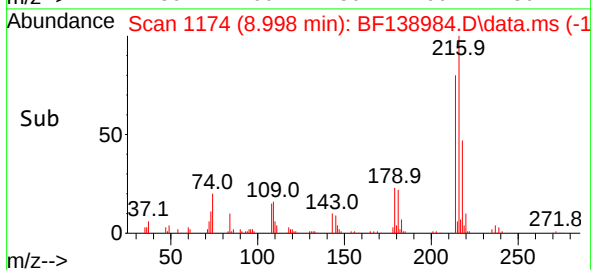
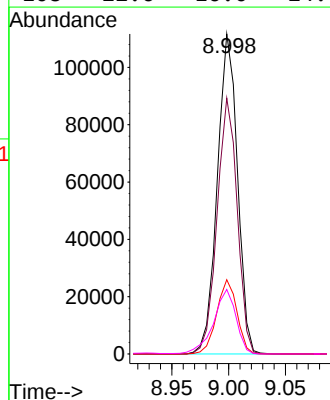
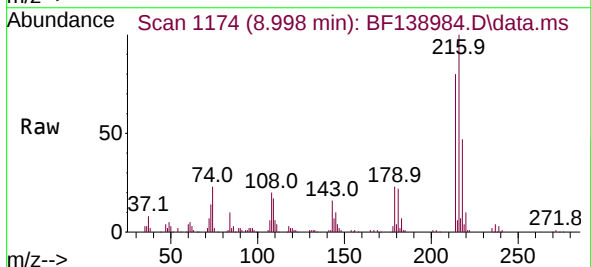
Ion Ratio Lower Upper

216 100

214 79.7 63.9 95.9

179 23.2 17.8 26.6

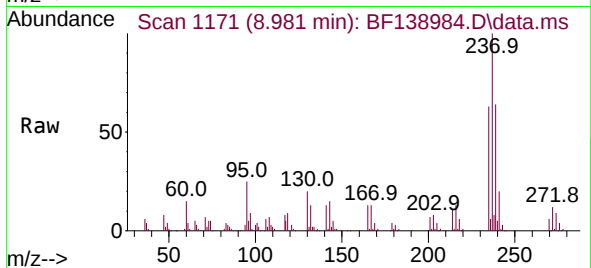
108 22.6 16.0 24.0





#41
Hexachlorocyclopentadiene
Concen: 126.855 ng
RT: 8.981 min Scan# 1171
Delta R.T. -0.005 min
Lab File: BF138984.D
Acq: 13 Aug 2024 20:33

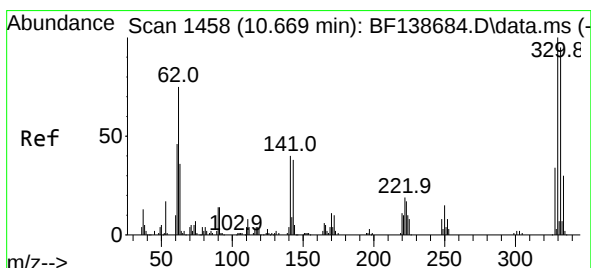
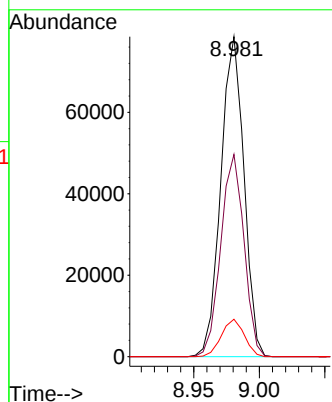
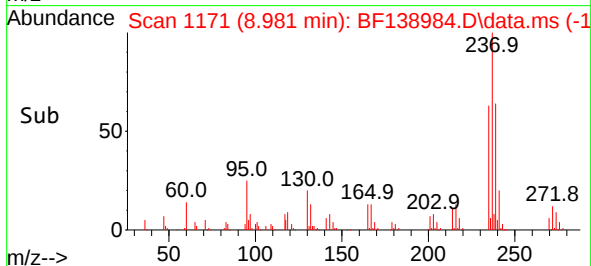
Instrument :
BNA_F
ClientSampleId :
PB162639BS



Tgt Ion: 237 Resp: 96190
Ion Ratio Lower Upper
237 100
235 63.2 41.8 81.8
272 11.7 0.0 32.2

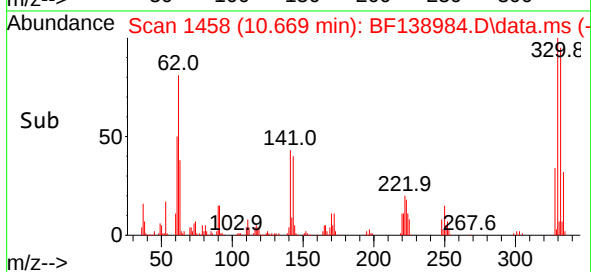
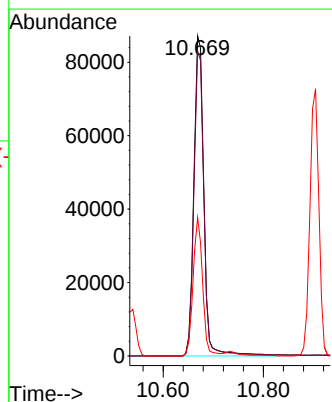
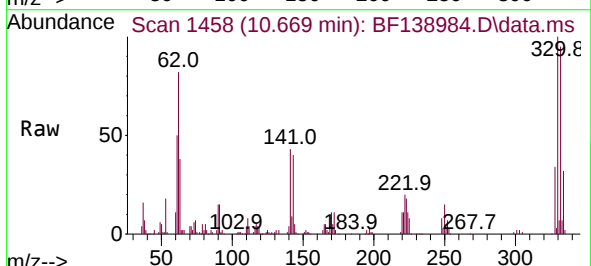
Manual Integrations
APPROVED

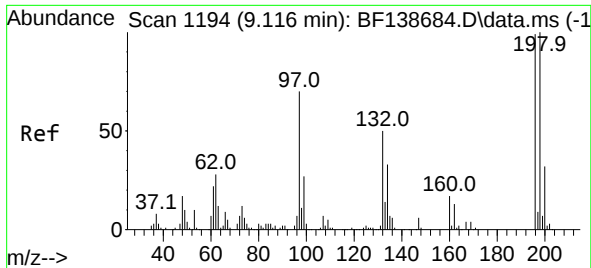
Reviewed By : Yogesh Patel 08/14/2024
Supervised By : mohammad ahmed 08/14/2024



#42
2,4,6-Tribromophenol
Concen: 148.179 ng
RT: 10.669 min Scan# 1458
Delta R.T. 0.000 min
Lab File: BF138984.D
Acq: 13 Aug 2024 20:33

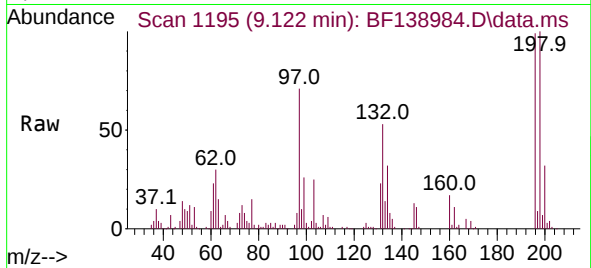
Tgt Ion: 330 Resp: 120916
Ion Ratio Lower Upper
330 100
332 95.8 76.4 114.6
141 40.8 31.1 46.7





#43
2,4,6-Trichlorophenol
Concen: 50.975 ng
RT: 9.122 min Scan# 1194
Delta R.T. 0.006 min
Lab File: BF138984.D
Acq: 13 Aug 2024 20:33

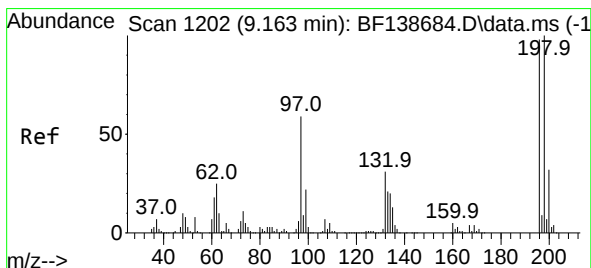
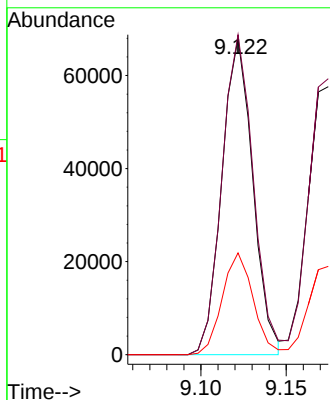
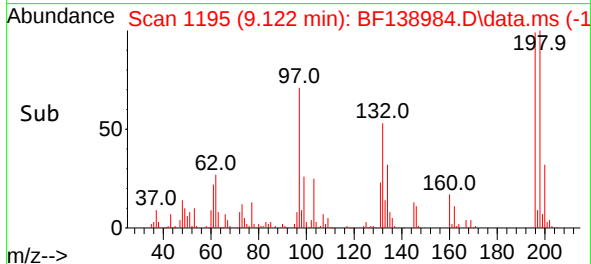
Instrument :
BNA_F
ClientSampleId :
PB162639BS



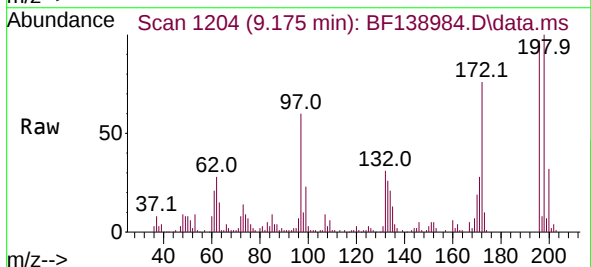
Tgt Ion:196 Resp: 8600
Ion Ratio Lower Upper
196 100
198 101.0 80.5 120.7
200 32.1 25.9 38.9

Manual Integrations
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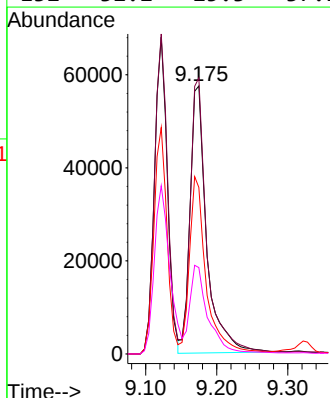
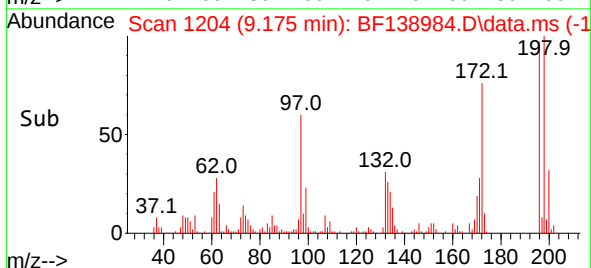
Reviewed By :Yogesh Patel 08/14/2024
Supervised By :mohammad ahmed 08/14/2024

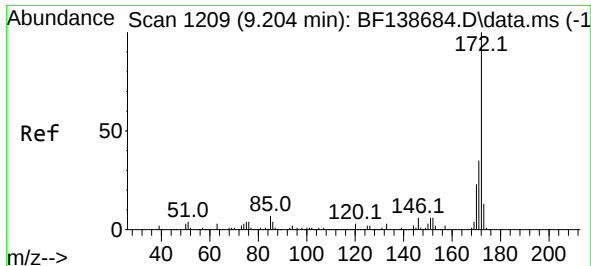


#44
2,4,5-Trichlorophenol
Concen: 51.025 ng
RT: 9.175 min Scan# 1204
Delta R.T. 0.012 min
Lab File: BF138984.D
Acq: 13 Aug 2024 20:33



Tgt Ion:196 Resp: 94117
Ion Ratio Lower Upper
196 100
198 103.0 81.2 121.8
97 62.1 47.8 71.6
132 32.2 25.3 37.9





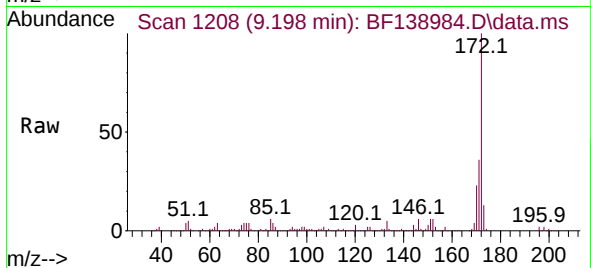
#45
2-Fluorobiphenyl
Concen: 97.134 ng
RT: 9.198 min Scan# 1208
Delta R.T. -0.006 min
Lab File: BF138984.D
Acq: 13 Aug 2024 20:33

Instrument :

BNA_F

ClientSampleId :

PB162639BS

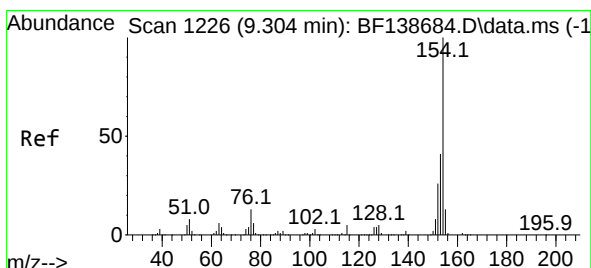
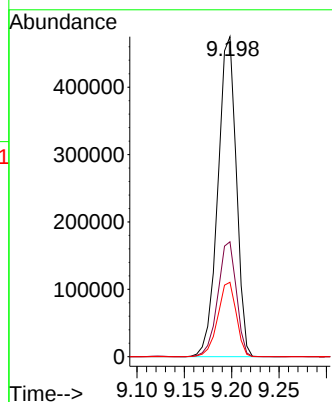
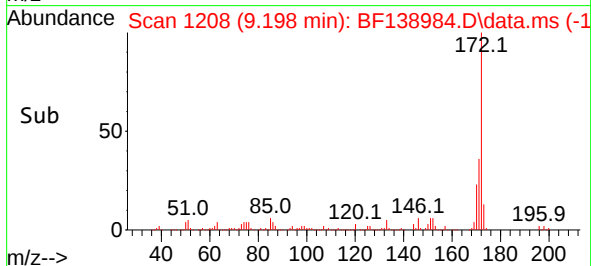


Tgt Ion:172 Resp: 644018
Ion Ratio Lower Upper
172 100
171 35.9 28.3 42.5
170 23.2 18.8 28.2

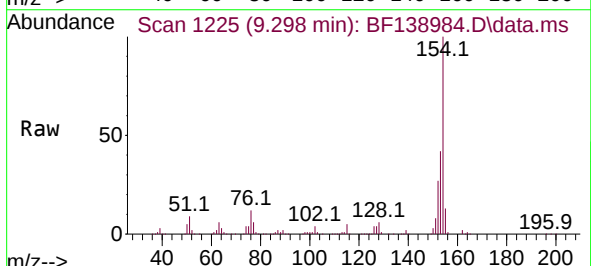
Manual Integrations

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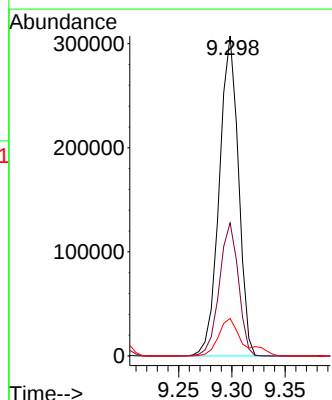
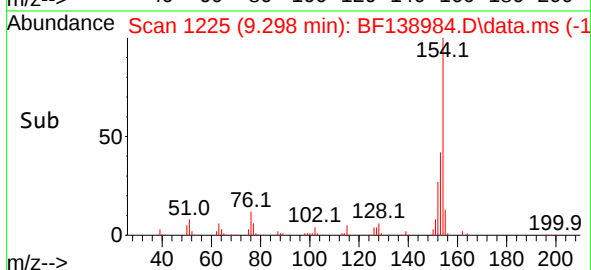
Reviewed By :Yogesh Patel 08/14/2024
Supervised By :mohammad ahmed 08/14/2024



#46
1,1'-Biphenyl
Concen: 49.090 ng
RT: 9.298 min Scan# 1225
Delta R.T. -0.006 min
Lab File: BF138984.D
Acq: 13 Aug 2024 20:33



Tgt Ion:154 Resp: 383003
Ion Ratio Lower Upper
154 100
153 41.6 20.8 60.8
76 11.7 0.0 32.8





#47

2-Chloronaphthalene

Concen: 53.219 ng

RT: 9.322 min Scan# 1229

Delta R.T. -0.006 min

Lab File: BF138984.D

Acq: 13 Aug 2024 20:33

Instrument :

BNA_F

ClientSampleId :

PB162639BS

Tgt Ion:162 Resp: 308808

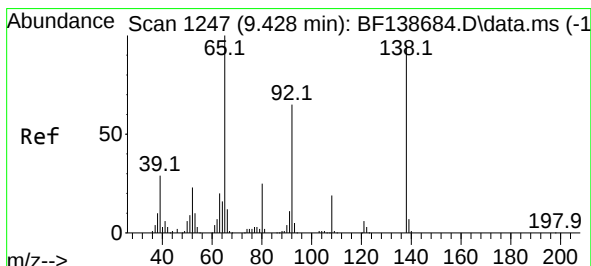
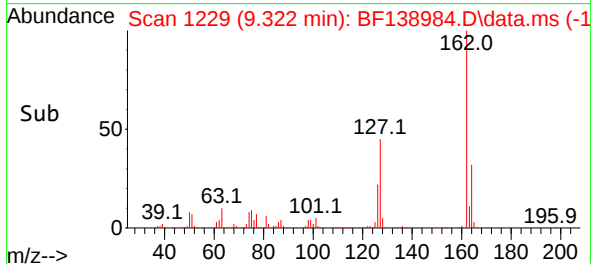
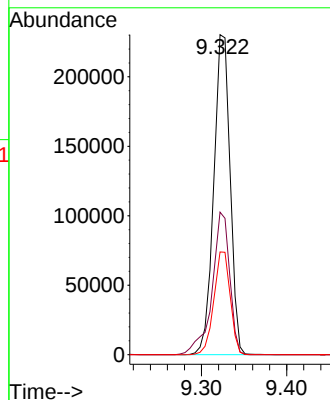
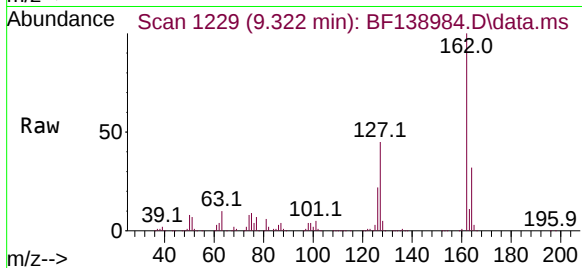
Ion	Ratio	Lower	Upper
162	100		
127	44.5	35.4	53.2
164	32.1	25.6	38.4

Manual Integrations

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Reviewed By :Yogesh Patel 08/14/2024

Supervised By :mohammad ahmed 08/14/2024



#48

2-Nitroaniline

Concen: 56.985 ng

RT: 9.428 min Scan# 1247

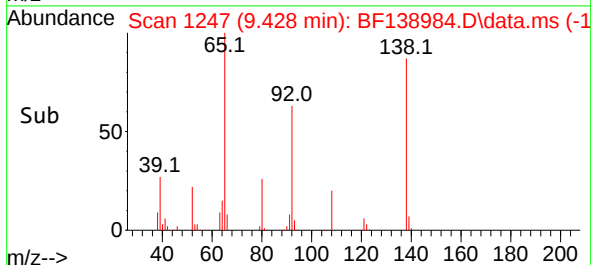
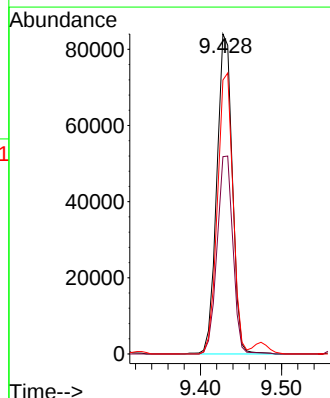
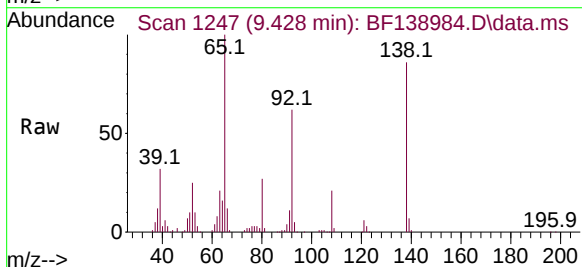
Delta R.T. 0.000 min

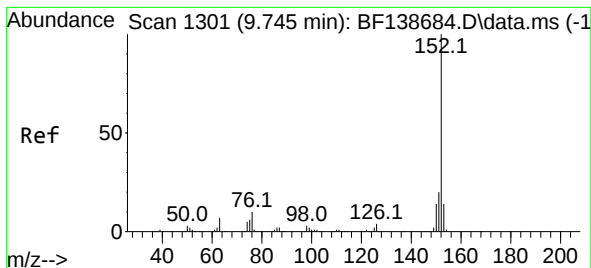
Lab File: BF138984.D

Acq: 13 Aug 2024 20:33

Tgt Ion: 65 Resp: 112099

Ion	Ratio	Lower	Upper
65	100		
92	61.7	52.0	78.0
138	85.6	76.2	114.4





#49

Acenaphthylene

Concen: 57.544 ng

RT: 9.739 min Scan# 11

Delta R.T. -0.006 min

Lab File: BF138984.D

Acq: 13 Aug 2024 20:33

Instrument :

BNA_F

ClientSampleId :

PB162639BS

Tgt Ion:152 Resp: 473570

Ion Ratio Lower Upper

152 100

151 20.6 16.0 24.0

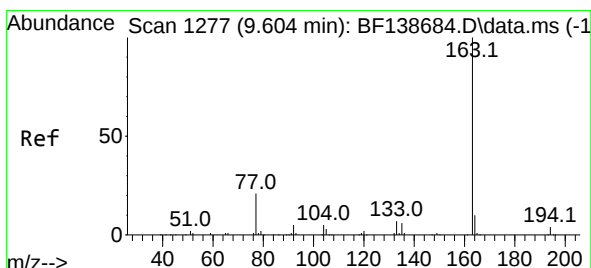
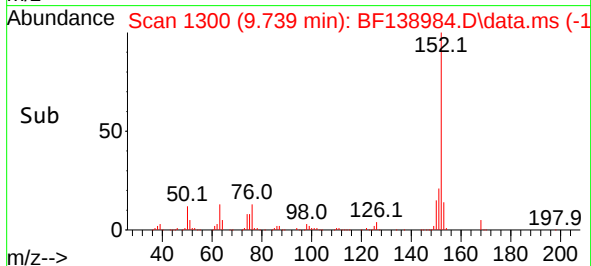
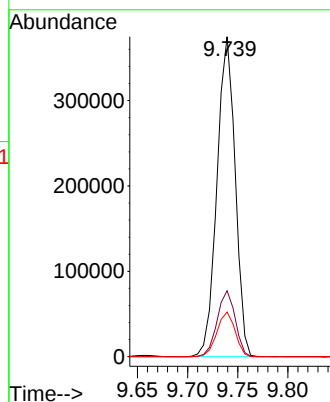
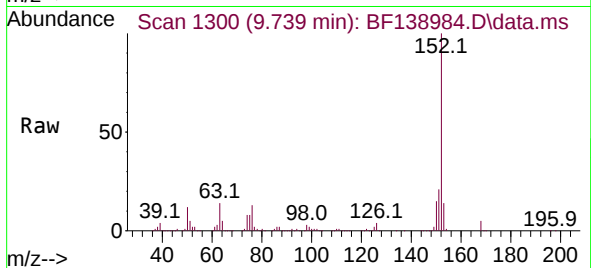
153 14.0 11.0 16.4

Manual Integrations

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Reviewed By :Yogesh Patel 08/14/2024

Supervised By :mohammad ahmed 08/14/2024



#50

Dimethylphthalate

Concen: 57.990 ng

RT: 9.598 min Scan# 1276

Delta R.T. -0.006 min

Lab File: BF138984.D

Acq: 13 Aug 2024 20:33

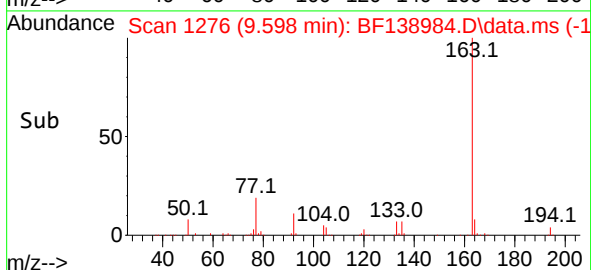
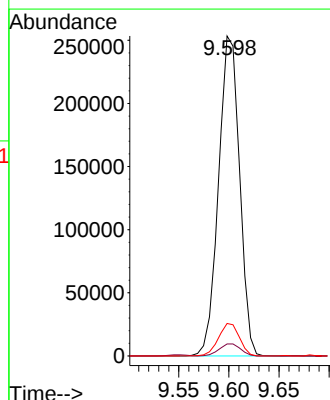
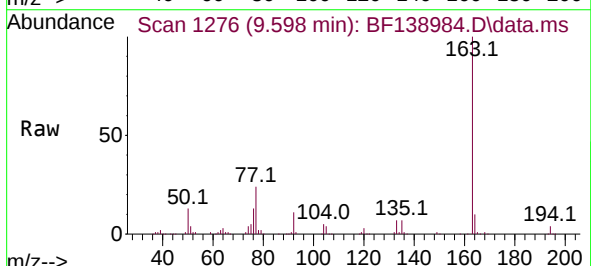
Tgt Ion:163 Resp: 369382

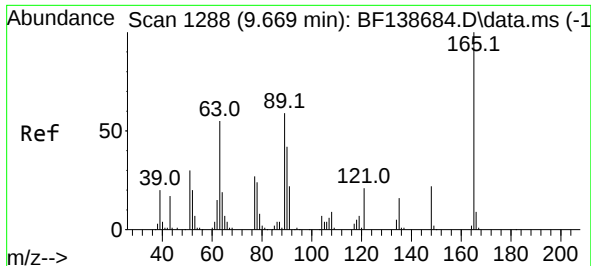
Ion Ratio Lower Upper

163 100

194 3.7 3.1 4.7

164 10.2 7.8 11.8





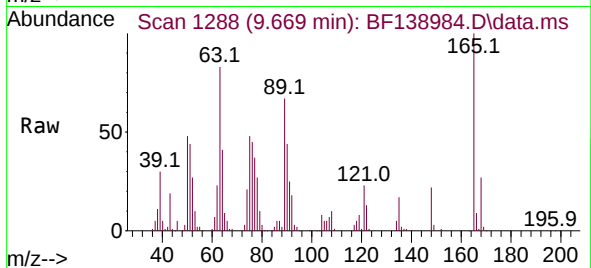
#51
2,6-Dinitrotoluene
Concen: 55.663 ng
RT: 9.669 min Scan# 1288
Delta R.T. 0.000 min
Lab File: BF138984.D
Acq: 13 Aug 2024 20:33

Instrument :

BNA_F

ClientSampleId :

PB162639BS

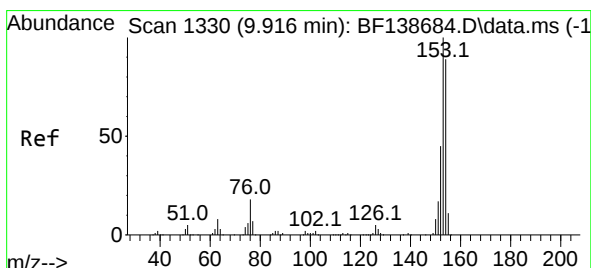
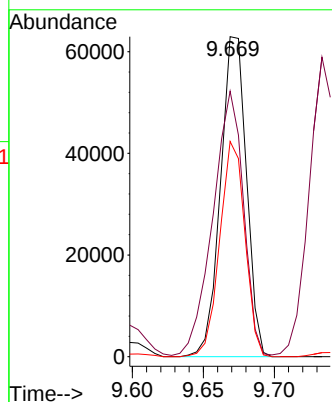
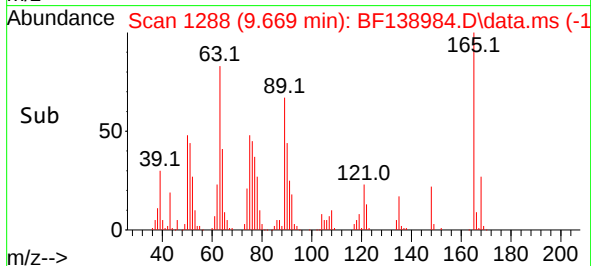


Tgt Ion:165 Resp: 80018
Ion Ratio Lower Upper
165 100
63 82.9 52.0 78.0
89 67.2 47.0 70.6

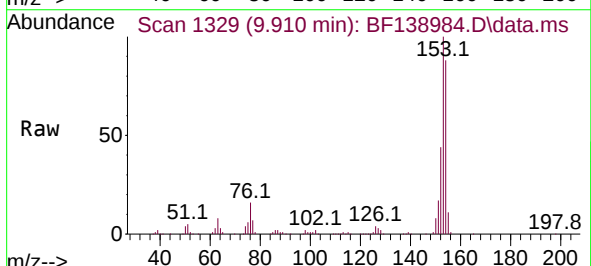
Manual Integrations

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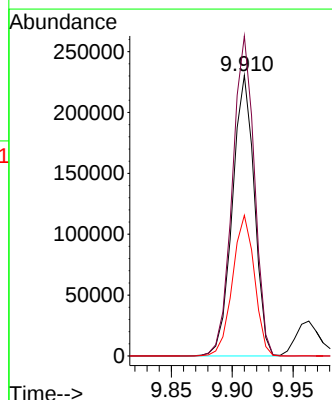
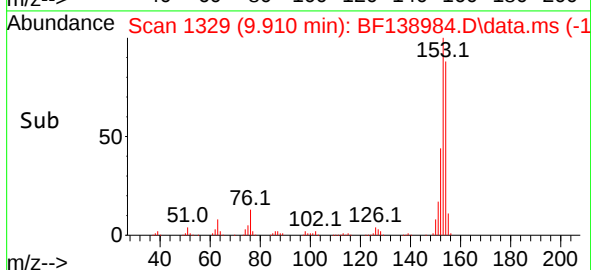
Reviewed By :Yogesh Patel 08/14/2024
Supervised By :mohammad ahmed 08/14/2024

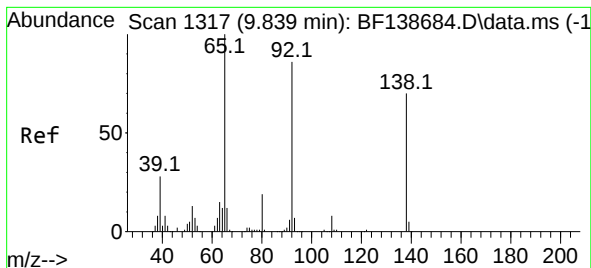


#52
Acenaphthene
Concen: 52.349 ng
RT: 9.910 min Scan# 1329
Delta R.T. -0.006 min
Lab File: BF138984.D
Acq: 13 Aug 2024 20:33



Tgt Ion:154 Resp: 289608
Ion Ratio Lower Upper
154 100
153 114.1 89.9 134.9
152 50.1 40.6 60.8





#53

3-Nitroaniline

Concen: 35.862 ng

RT: 9.845 min Scan# 11

Delta R.T. 0.006 min

Lab File: BF138984.D

Acq: 13 Aug 2024 20:33

Instrument :

BNA_F

ClientSampleId :

PB162639BS

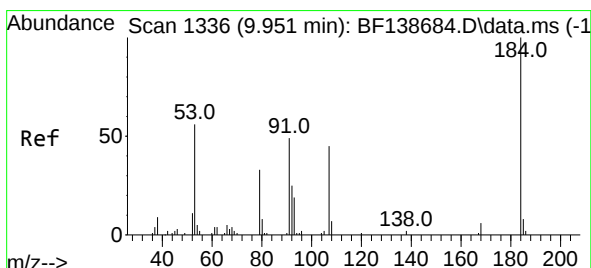
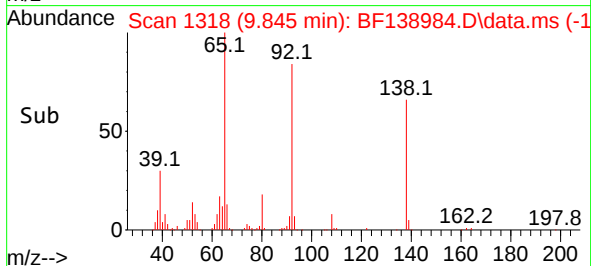
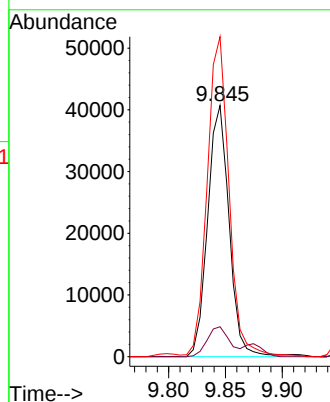
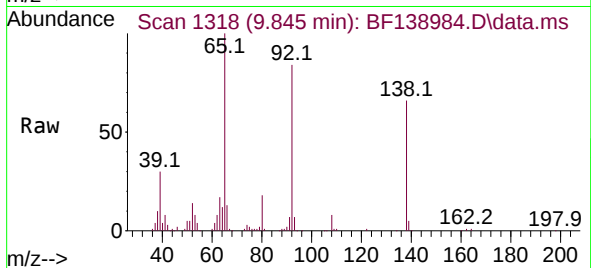
Tgt Ion:138 Resp: 53294
 Ion Ratio Lower Upper
 138 100
 108 11.9 9.1 13.7
 92 127.4 98.7 148.1

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Reviewed By :Yogesh Patel 08/14/2024

Supervised By :mohammad ahmed 08/14/2024



#54

2,4-Dinitrophenol

Concen: 83.531 ng

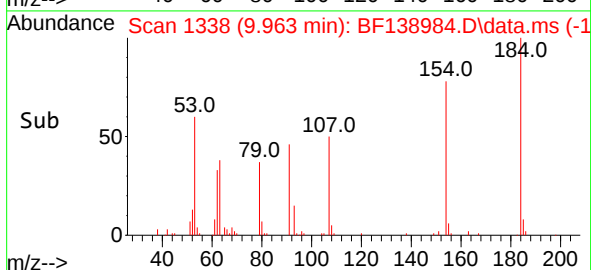
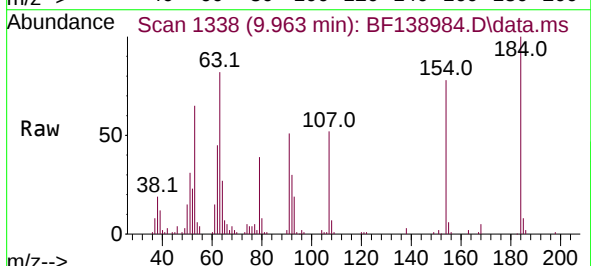
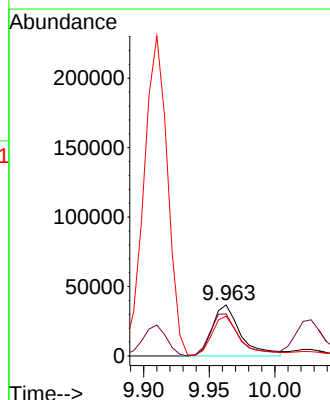
RT: 9.963 min Scan# 1338

Delta R.T. 0.012 min

Lab File: BF138984.D

Acq: 13 Aug 2024 20:33

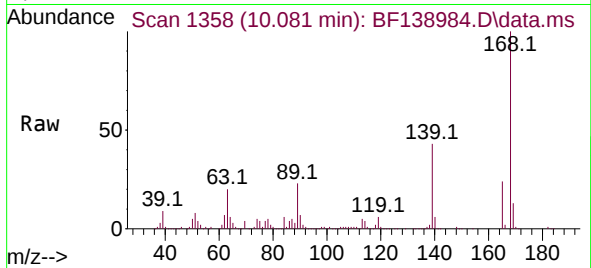
Tgt Ion:184 Resp: 55276
 Ion Ratio Lower Upper
 184 100
 63 82.5 57.5 86.3
 154 78.0 51.7 77.5#





#55
Dibenzenofuran
Concen: 55.848 ng
RT: 10.081 min Scan# 1358
Delta R.T. -0.006 min
Lab File: BF138984.D
Acq: 13 Aug 2024 20:33

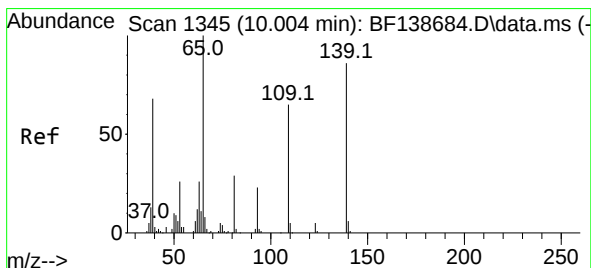
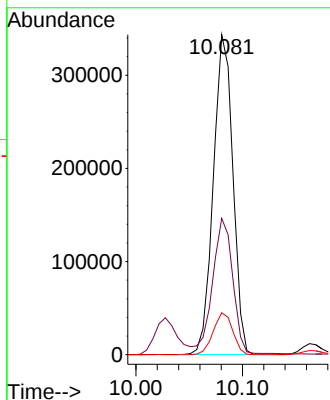
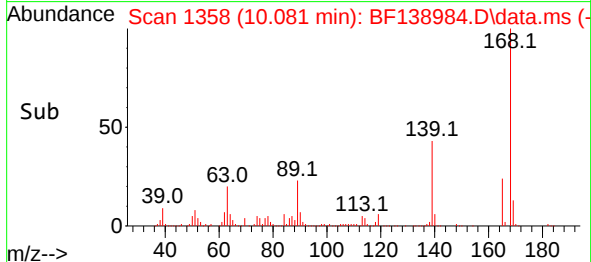
Instrument :
BNA_F
ClientSampleId :
PB162639BS



Tgt Ion:168 Resp: 436132
Ion Ratio Lower Upper
168 100
139 42.6 32.6 49.0
169 13.1 10.7 16.1

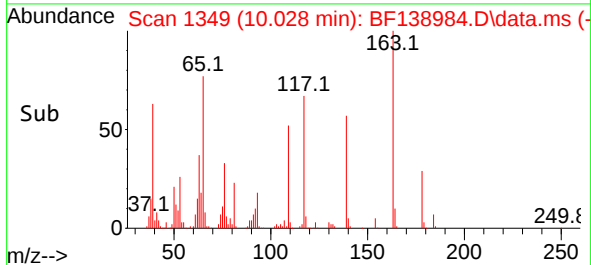
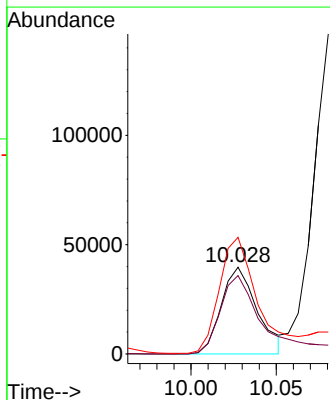
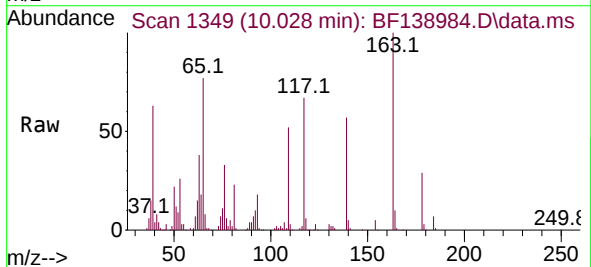
Manual Integrations
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Reviewed By :Yogesh Patel 08/14/2024
Supervised By :mohammad ahmed 08/14/2024



#56
4-Nitrophenol
Concen: 64.950 ng
RT: 10.028 min Scan# 1349
Delta R.T. 0.024 min
Lab File: BF138984.D
Acq: 13 Aug 2024 20:33

Tgt Ion:139 Resp: 58043
Ion Ratio Lower Upper
139 100
109 90.4 55.5 95.5
65 134.5 96.7 136.7





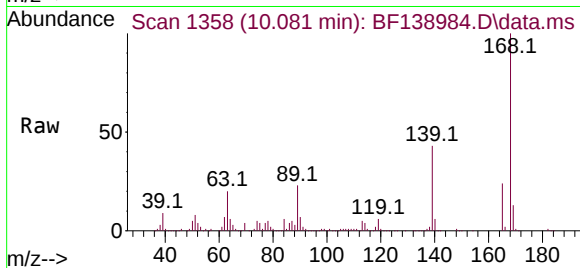
#57
2,4-Dinitrotoluene
Concen: 56.736 ng
RT: 10.081 min Scan# 1358
Delta R.T. 0.012 min
Lab File: BF138984.D
Acq: 13 Aug 2024 20:33

Instrument :

BNA_F

ClientSampleId :

PB162639BS



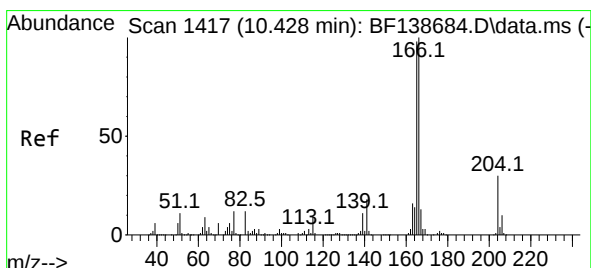
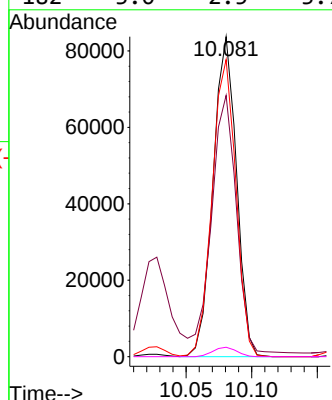
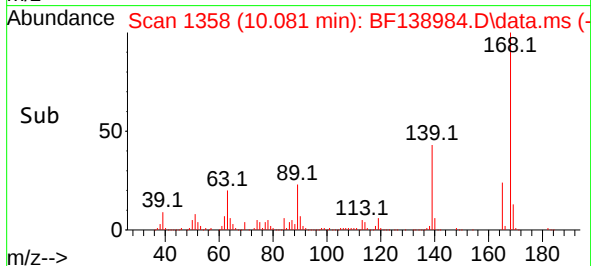
Tgt Ion:165 Resp: 104058
Ion Ratio Lower Upper
165 100
63 81.6 46.3 69.5
89 92.8 64.2 96.4
182 3.0 2.5 3.7

Manual Integrations

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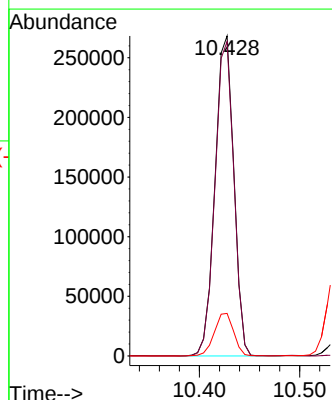
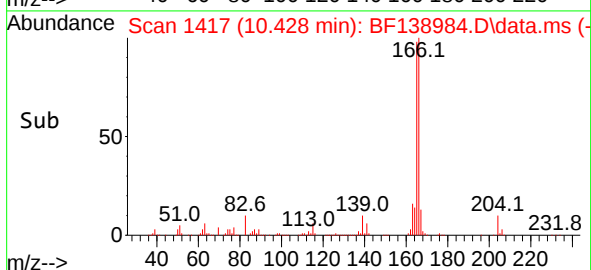
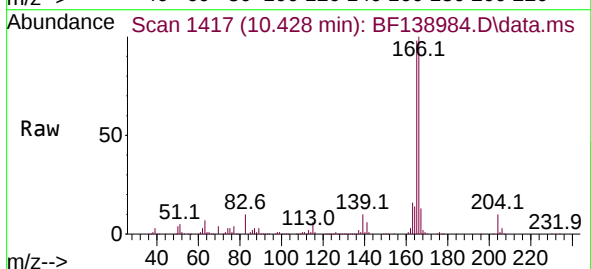
Reviewed By :Yogesh Patel 08/14/2024

Supervised By :mohammad ahmed 08/14/2024



#58
Fluorene
Concen: 56.221 ng
RT: 10.428 min Scan# 1417
Delta R.T. 0.000 min
Lab File: BF138984.D
Acq: 13 Aug 2024 20:33

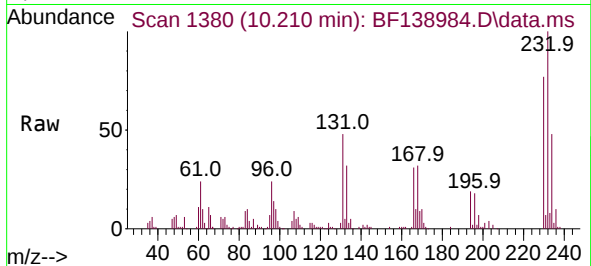
Tgt Ion:166 Resp: 349628
Ion Ratio Lower Upper
166 100
165 98.2 78.4 117.6
167 13.3 10.6 16.0





#59
2,3,4,6-Tetrachlorophenol
Concen: 56.873 ng
RT: 10.210 min Scan# 1380
Delta R.T. 0.006 min
Lab File: BF138984.D
Acq: 13 Aug 2024 20:33

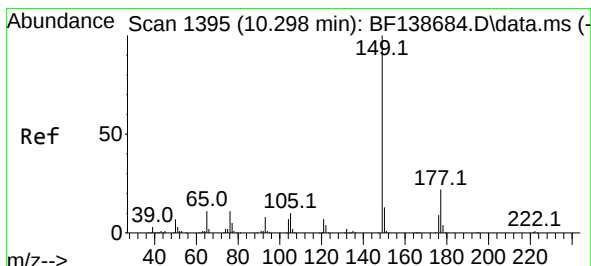
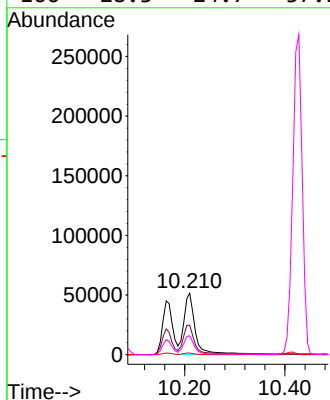
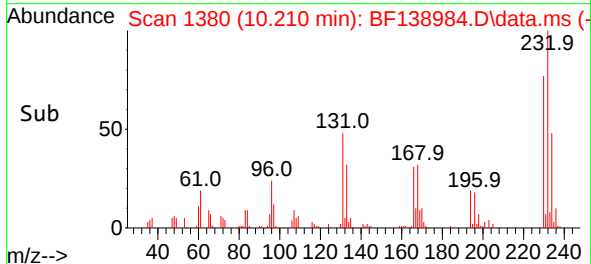
Instrument :
BNA_F
ClientSampleId :
PB162639BS



Tgt Ion:232 Resp: 8020
Ion Ratio Lower Upper
232 100
131 48.7 37.0 55.4
130 2.7 2.0 3.0
166 28.3 24.7 37.1

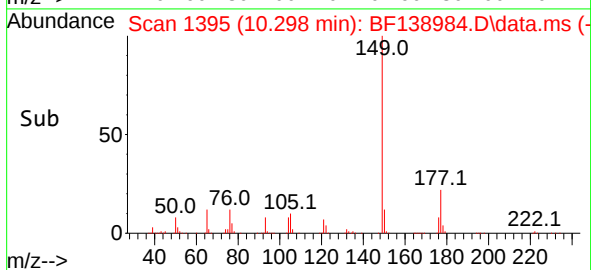
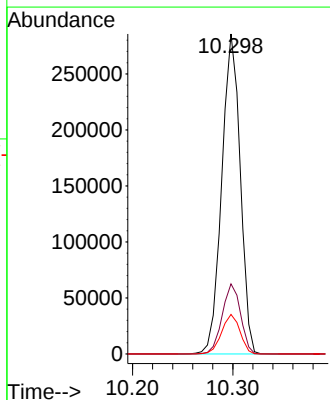
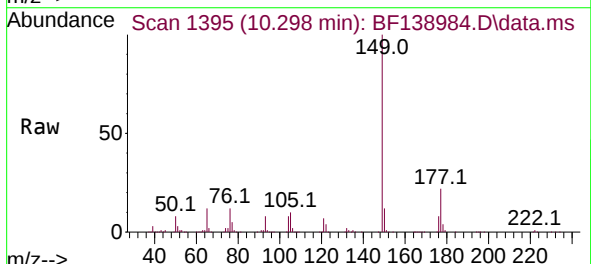
Manual Integrations
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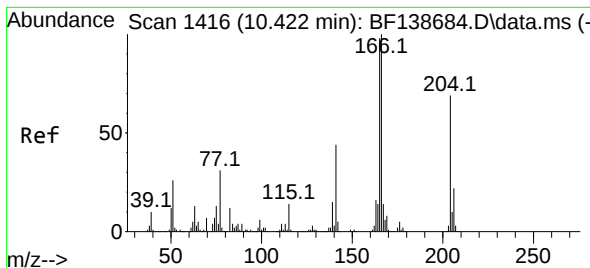
Reviewed By :Yogesh Patel 08/14/2024
Supervised By :mohammad ahmed 08/14/2024



#60
Diethylphthalate
Concen: 60.289 ng
RT: 10.298 min Scan# 1395
Delta R.T. 0.000 min
Lab File: BF138984.D
Acq: 13 Aug 2024 20:33

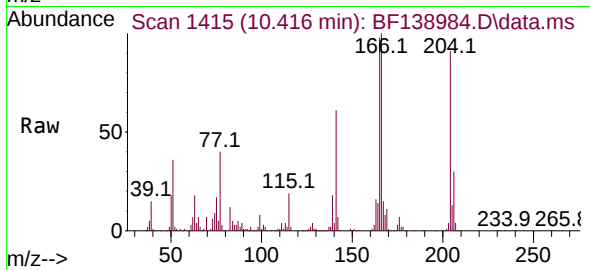
Tgt Ion:149 Resp: 364123
Ion Ratio Lower Upper
149 100
177 21.9 17.8 26.8
150 12.3 10.1 15.1





#61
4-Chlorophenyl-phenylether
Concen: 56.448 ng
RT: 10.416 min Scan# 1416
Delta R.T. -0.006 min
Lab File: BF138984.D
Acq: 13 Aug 2024 20:33

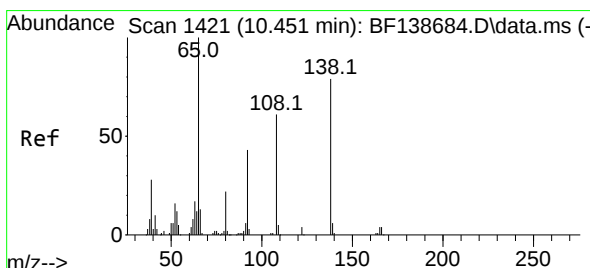
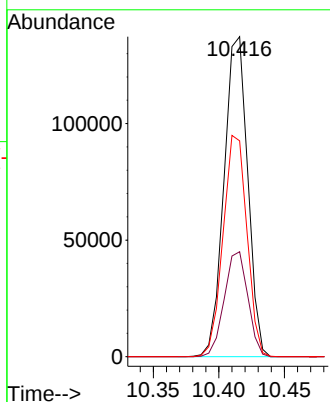
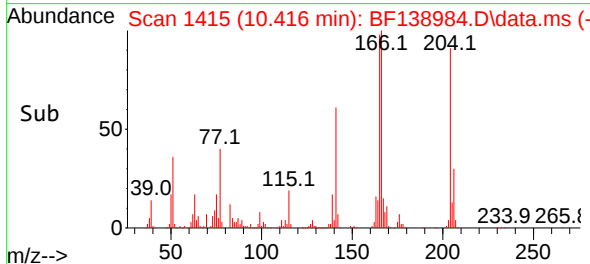
Instrument :
BNA_F
ClientSampleId :
PB162639BS



Tgt Ion:204 Resp: 172650
Ion Ratio Lower Upper
204 100
206 32.8 26.1 39.1
141 67.4 51.4 77.0

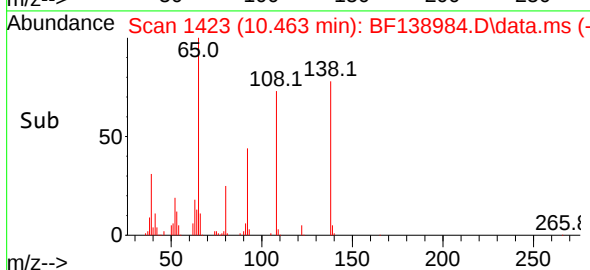
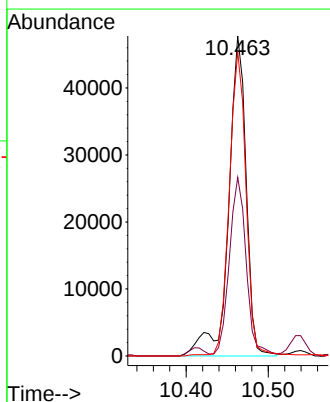
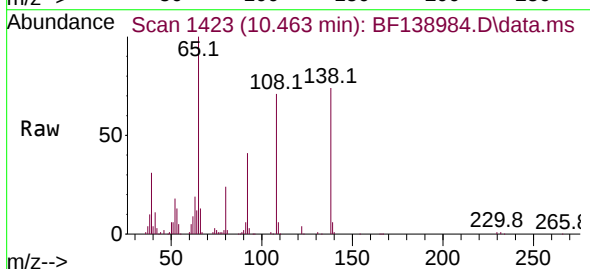
Manual Integrations
APPROVED

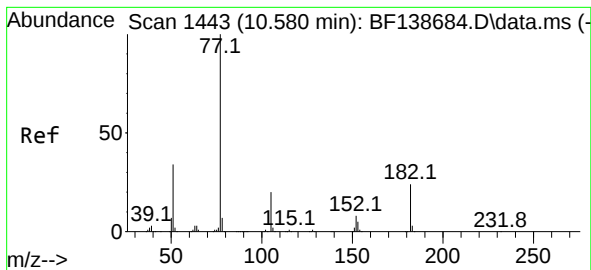
Reviewed By :Yogesh Patel 08/14/2024
Supervised By :mohammad ahmed 08/14/2024



#62
4-Nitroaniline
Concen: 50.087 ng m
RT: 10.463 min Scan# 1423
Delta R.T. 0.012 min
Lab File: BF138984.D
Acq: 13 Aug 2024 20:33

Tgt Ion:138 Resp: 70735
Ion Ratio Lower Upper
138 100
92 55.8 34.2 74.2
108 95.1 56.2 96.2





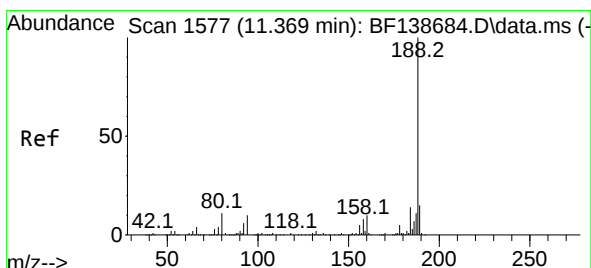
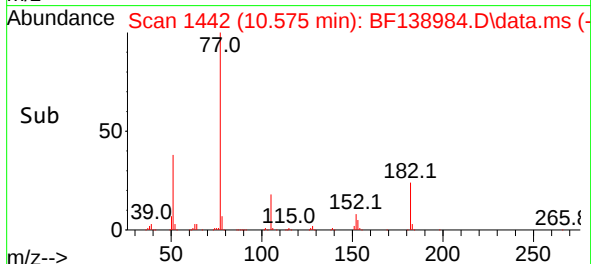
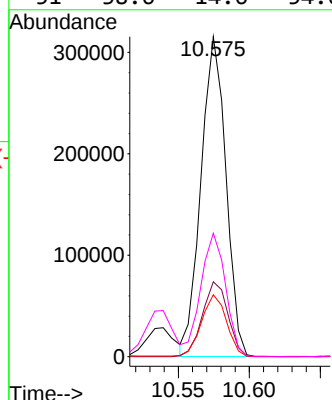
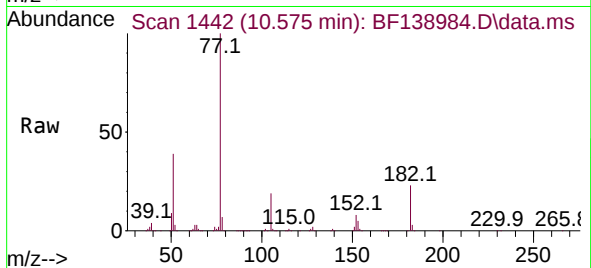
#63
Azobenzene
Concen: 57.488 ng
RT: 10.575 min Scan# 1443
Delta R.T. -0.006 min
Lab File: BF138984.D
Acq: 13 Aug 2024 20:33

Instrument :
BNA_F
ClientSampleId :
PB162639BS

Tgt Ion: 77	Resp: 38508
Ion Ratio	Lower Upper
77 100	
182 23.4	3.4 43.4
105 19.3	0.2 40.2
51 38.6	14.6 54.6

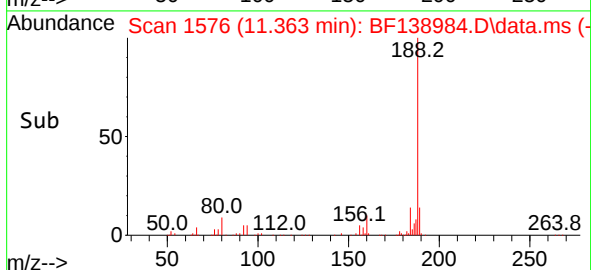
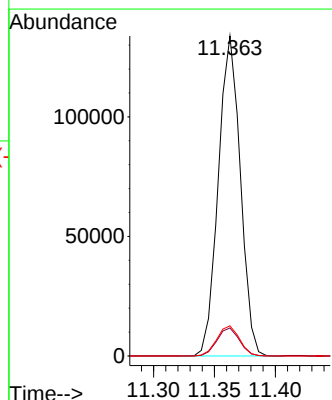
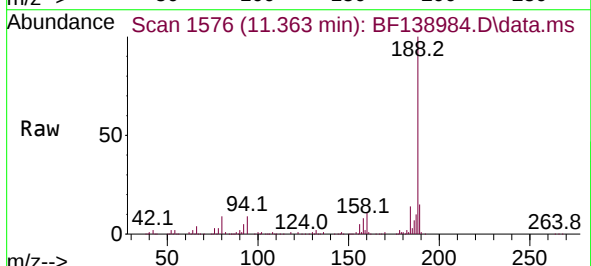
Manual Integrations
APPROVED

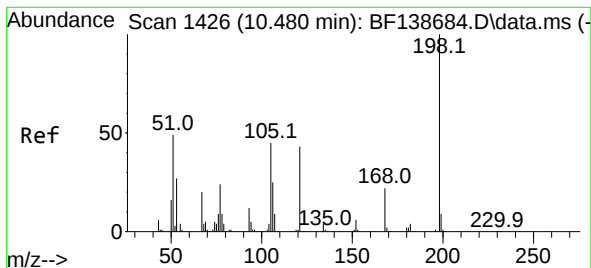
Reviewed By :Yogesh Patel 08/14/2024
Supervised By :mohammad ahmed 08/14/2024



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.363 min Scan# 1576
Delta R.T. -0.006 min
Lab File: BF138984.D
Acq: 13 Aug 2024 20:33

Tgt Ion:188	Resp: 168574
Ion Ratio	Lower Upper
188 100	
94 8.7	7.6 11.4
80 9.4	8.6 12.8





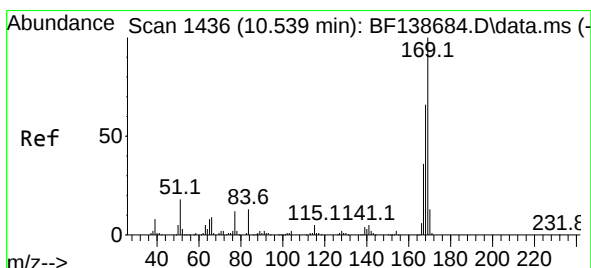
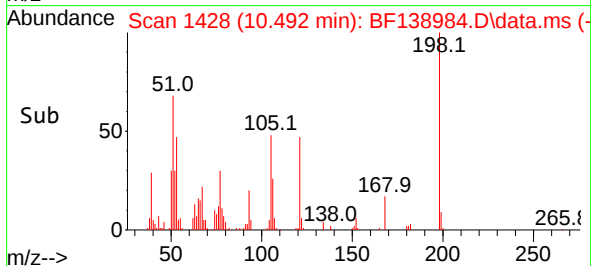
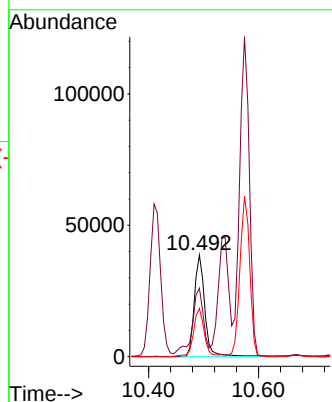
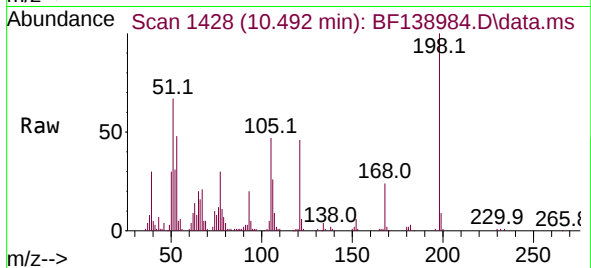
#65
4,6-Dinitro-2-methylphenol
Concen: 50.084 ng
RT: 10.492 min Scan# 1428
Delta R.T. 0.012 min
Lab File: BF138984.D
Acq: 13 Aug 2024 20:33

Instrument :
BNA_F
ClientSampleId :
PB162639BS

Tgt Ion:198 Resp: 51509
Ion Ratio Lower Upper
198 100
51 67.2 39.9 79.9
105 47.3 26.1 66.1

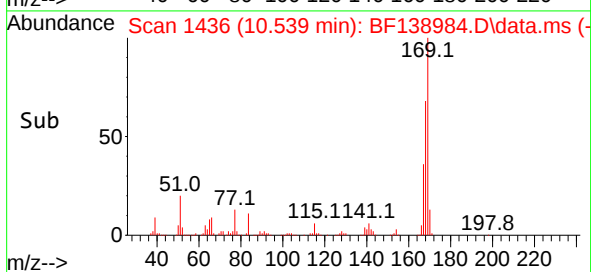
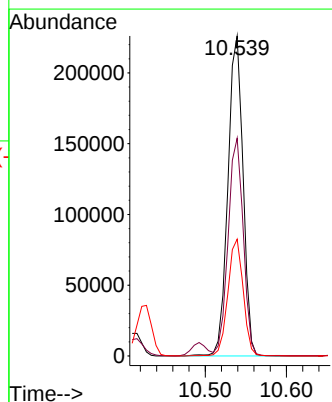
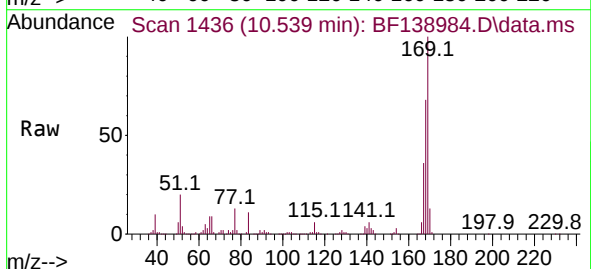
Manual Integrations
APPROVED

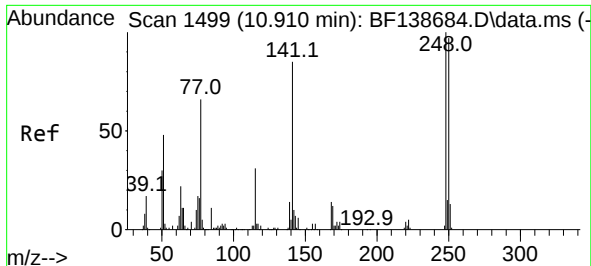
Reviewed By :Yogesh Patel 08/14/2024
Supervised By :mohammad ahmed 08/14/2024



#66
n-Nitrosodiphenylamine
Concen: 55.543 ng
RT: 10.539 min Scan# 1436
Delta R.T. 0.000 min
Lab File: BF138984.D
Acq: 13 Aug 2024 20:33

Tgt Ion:169 Resp: 292669
Ion Ratio Lower Upper
169 100
168 68.1 53.0 79.6
167 36.5 29.0 43.6





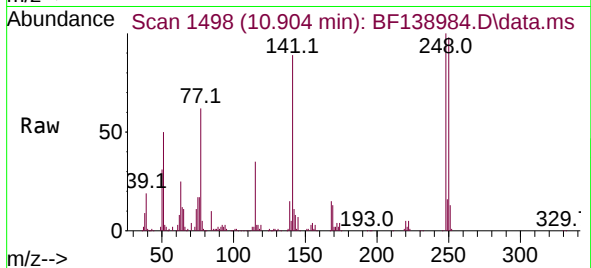
#67
4-Bromophenyl-phenylether
Concen: 54.334 ng
RT: 10.904 min Scan# 1499
Delta R.T. -0.006 min
Lab File: BF138984.D
Acq: 13 Aug 2024 20:33

Instrument :

BNA_F

ClientSampleId :

PB162639BS

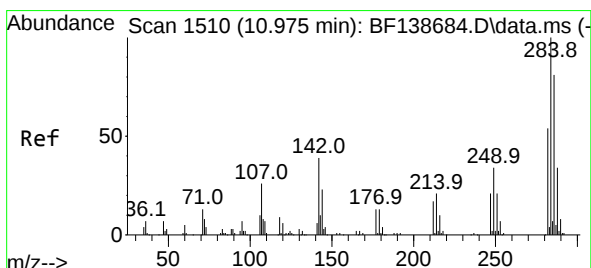
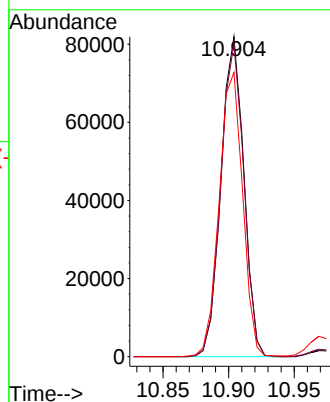
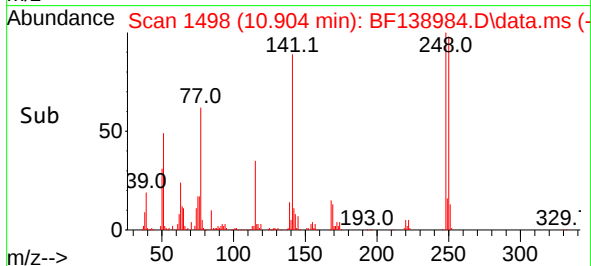


Tgt Ion:248 Resp: 99160
Ion Ratio Lower Upper
248 100
250 97.8 77.7 116.5
141 88.8 68.0 102.0

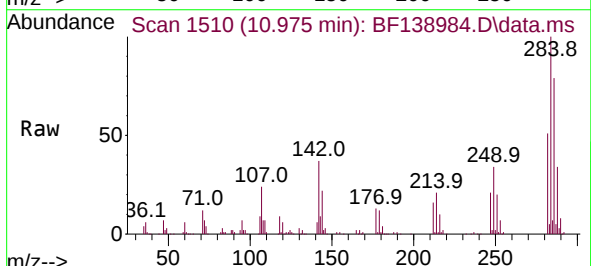
Manual Integrations

APPROVED

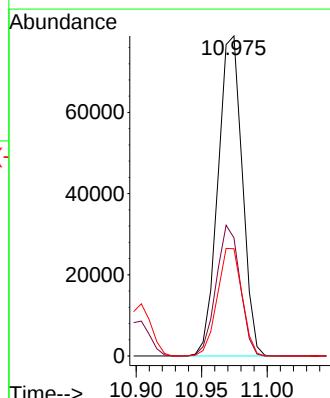
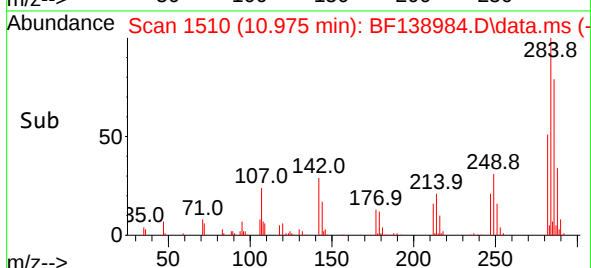
Reviewed By :Yogesh Patel 08/14/2024
Supervised By :mohammad ahmed 08/14/2024

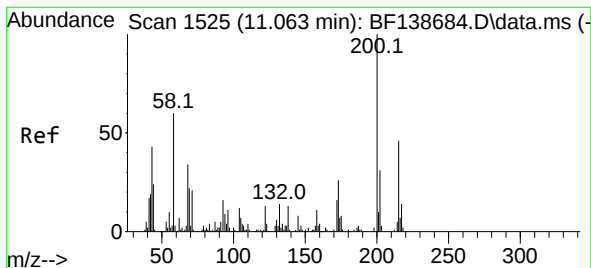


#68
Hexachlorobenzene
Concen: 53.815 ng
RT: 10.975 min Scan# 1510
Delta R.T. 0.000 min
Lab File: BF138984.D
Acq: 13 Aug 2024 20:33



Tgt Ion:284 Resp: 101413
Ion Ratio Lower Upper
284 100
142 36.9 31.3 46.9
249 33.5 27.2 40.8





#69

Atrazine

Concen: 66.512 ng

RT: 11.063 min Scan# 1525

Delta R.T. 0.000 min

Lab File: BF138984.D

Acq: 13 Aug 2024 20:33

Instrument :

BNA_F

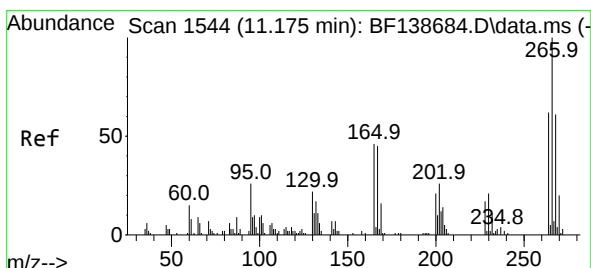
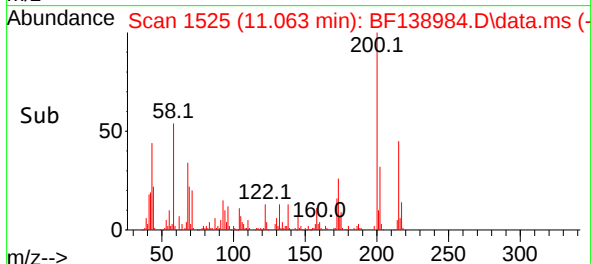
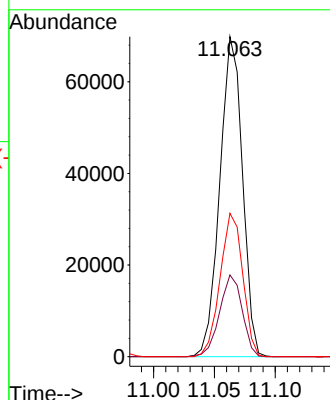
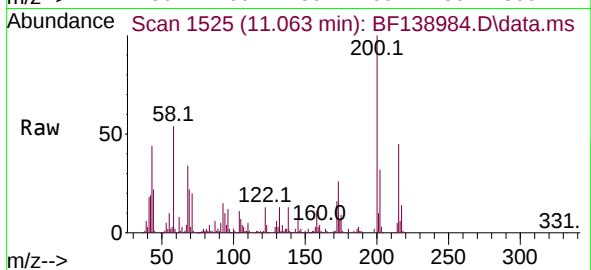
ClientSampleId :

PB162639BS

Tgt Ion:200 Resp: 9042
 Ion Ratio Lower Upper
 200 100
 173 25.6 6.0 46.0
 215 44.8 26.1 66.1

Manual Integrations
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Reviewed By :Yogesh Patel 08/14/2024
 Supervised By :mohammad ahmed 08/14/2024



#70

Pentachlorophenol

Concen: 66.729 ng

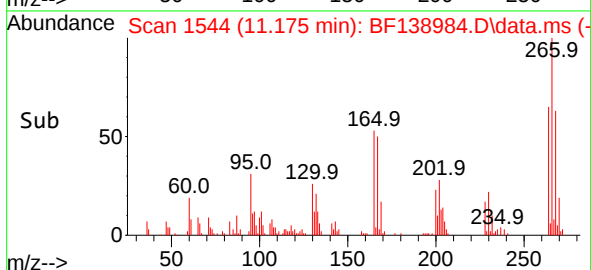
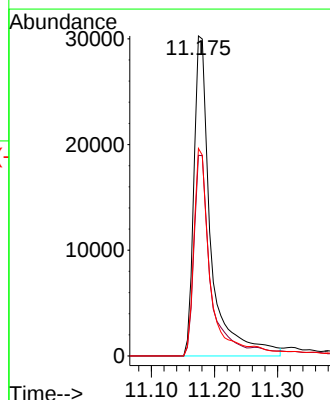
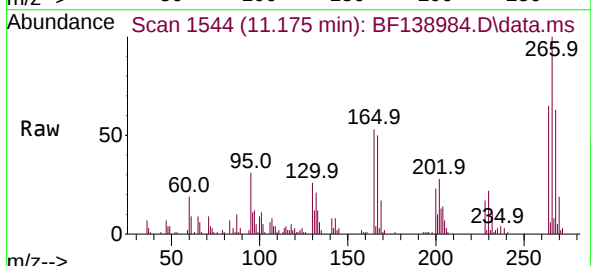
RT: 11.175 min Scan# 1544

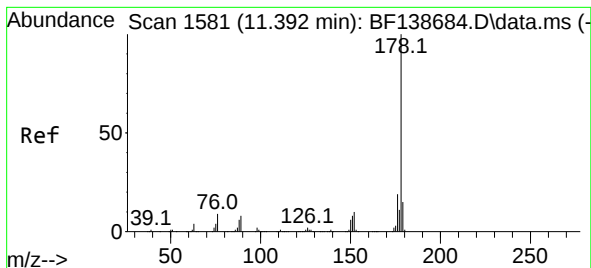
Delta R.T. -0.000 min

Lab File: BF138984.D

Acq: 13 Aug 2024 20:33

Tgt Ion:266 Resp: 56680
 Ion Ratio Lower Upper
 266 100
 268 62.7 49.2 73.8
 264 64.9 49.8 74.6





#71

Phenanthrene

Concen: 55.471 ng

RT: 11.386 min Scan# 1580

Delta R.T. -0.006 min

Lab File: BF138984.D

Acq: 13 Aug 2024 20:33

Instrument :

BNA_F

ClientSampleId :

PB162639BS

Tgt Ion:178 Resp: 481504

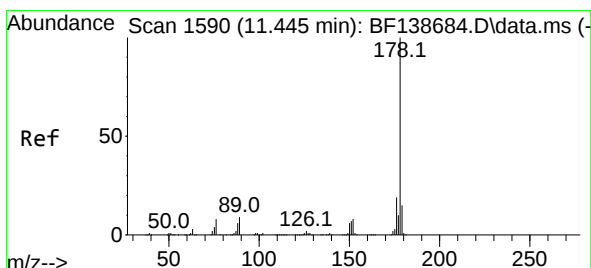
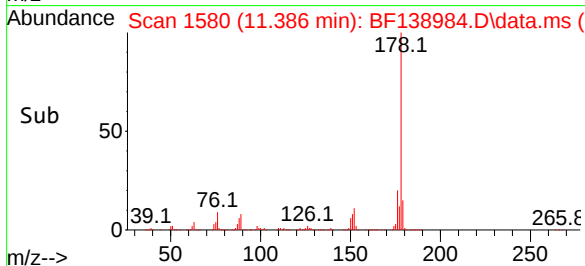
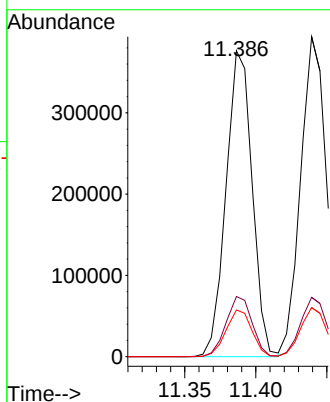
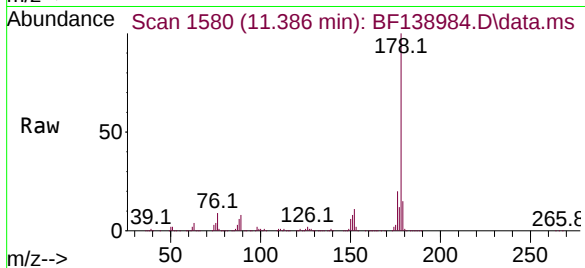
Ion	Ratio	Lower	Upper
178	100		
176	19.7	15.4	23.0
179	15.3	12.2	18.2

Manual Integrations

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Reviewed By :Yogesh Patel 08/14/2024

Supervised By :mohammad ahmed 08/14/2024



#72

Anthracene

Concen: 57.612 ng

RT: 11.439 min Scan# 1589

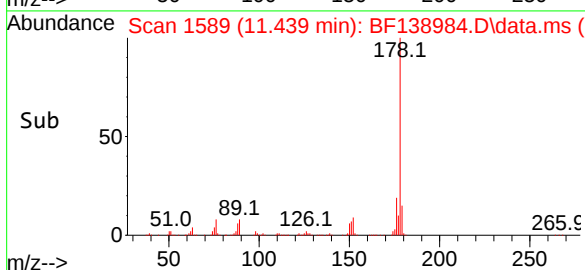
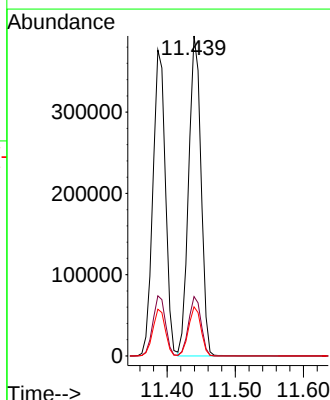
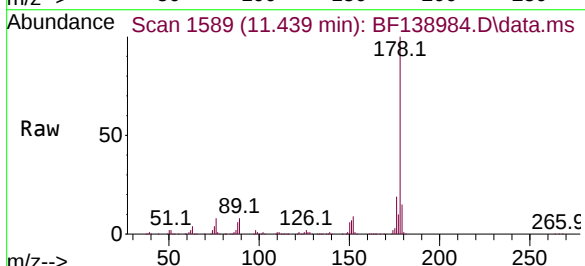
Delta R.T. -0.006 min

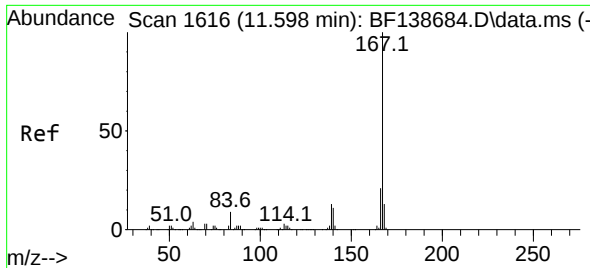
Lab File: BF138984.D

Acq: 13 Aug 2024 20:33

Tgt Ion:178 Resp: 492652

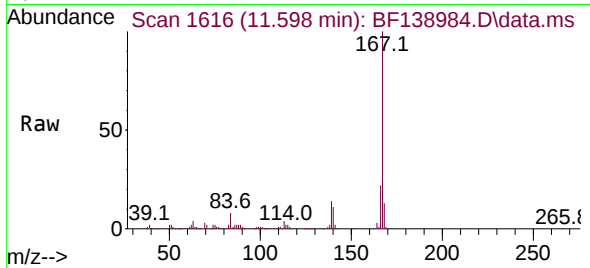
Ion	Ratio	Lower	Upper
178	100		
176	18.5	14.9	22.3
179	15.4	12.4	18.6





#73
 Carbazole
 Concen: 51.808 ng
 RT: 11.598 min Scan# 1616
 Delta R.T. 0.000 min
 Lab File: BF138984.D
 Acq: 13 Aug 2024 20:33

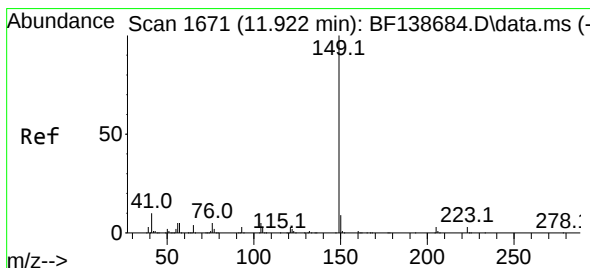
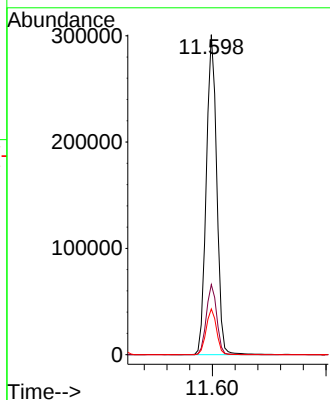
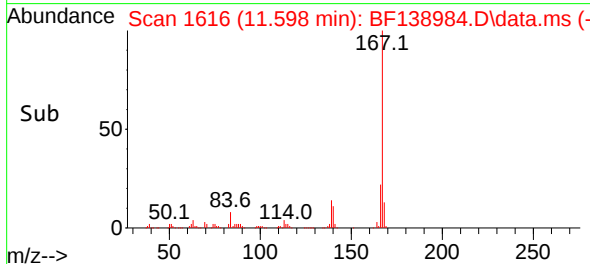
Instrument :
 BNA_F
 ClientSampleId :
 PB162639BS



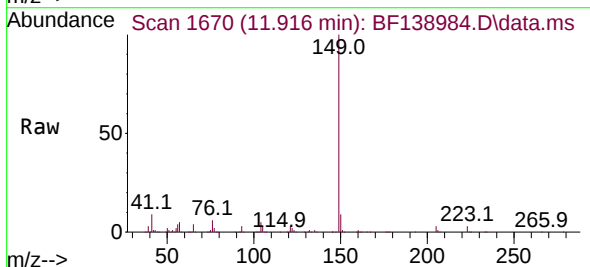
Tgt Ion:167 Resp: 382215
 Ion Ratio Lower Upper
 167 100
 166 21.9 17.2 25.8
 139 14.3 10.6 16.0

Manual Integrations
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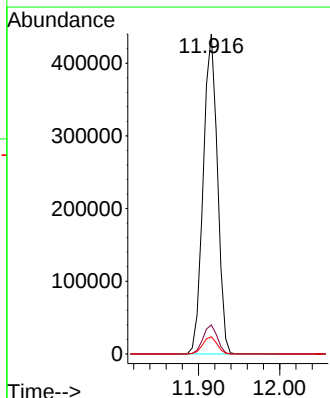
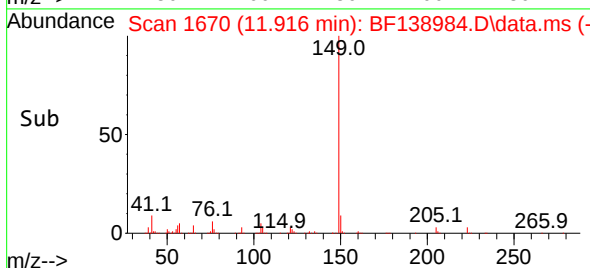
Reviewed By :Yogesh Patel 08/14/2024
 Supervised By :mohammad ahmed 08/14/2024



#74
 Di-n-butylphthalate
 Concen: 64.309 ng
 RT: 11.916 min Scan# 1670
 Delta R.T. -0.006 min
 Lab File: BF138984.D
 Acq: 13 Aug 2024 20:33



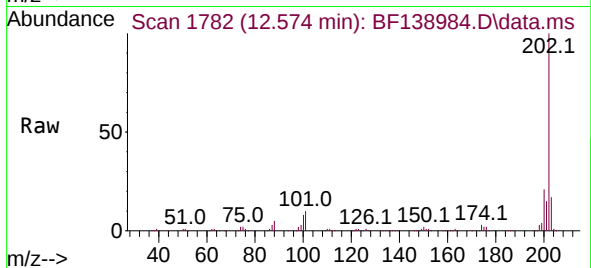
Tgt Ion:149 Resp: 533350
 Ion Ratio Lower Upper
 149 100
 150 9.1 7.4 11.0
 104 5.4 4.1 6.1





#75
Fluoranthene
Concen: 52.624 ng
RT: 12.574 min Scan# 1783
Delta R.T. -0.006 min
Lab File: BF138984.D
Acq: 13 Aug 2024 20:33

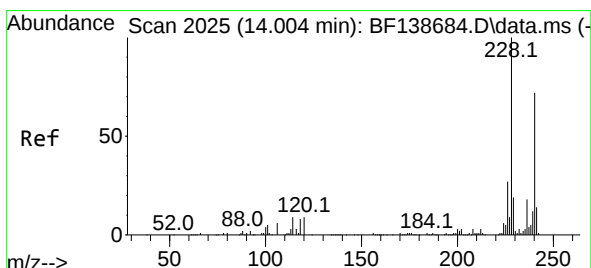
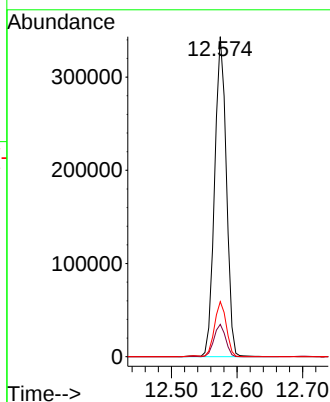
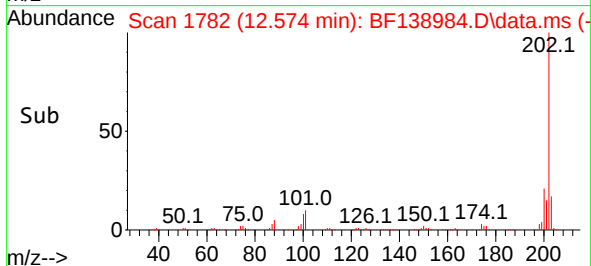
Instrument :
BNA_F
ClientSampleId :
PB162639BS



Tgt Ion:202 Resp: 426435
Ion Ratio Lower Upper
202 100
101 10.1 0.0 31.2
203 17.2 0.0 37.3

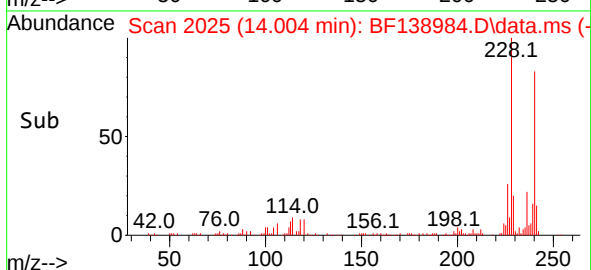
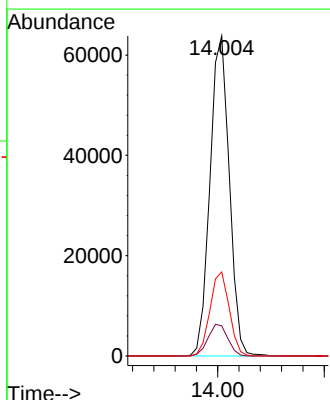
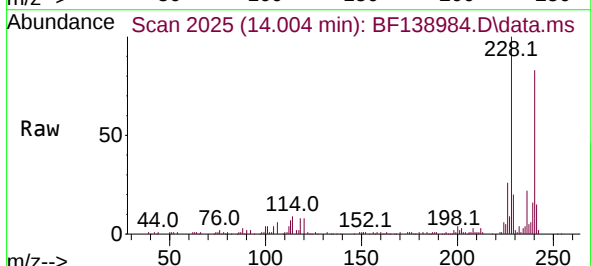
Manual Integrations
APPROVED

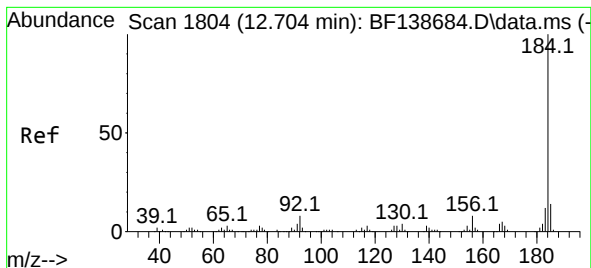
Reviewed By :Yogesh Patel 08/14/2024
Supervised By :mohammad ahmed 08/14/2024



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.004 min Scan# 2025
Delta R.T. 0.000 min
Lab File: BF138984.D
Acq: 13 Aug 2024 20:33

Tgt Ion:240 Resp: 80467
Ion Ratio Lower Upper
240 100
120 9.4 10.2 15.4#
236 26.3 19.8 29.8





#77

Benzidine

Concen: 44.538 ng

RT: 12.698 min Scan# 1803

Delta R.T. -0.006 min

Lab File: BF138984.D

Acq: 13 Aug 2024 20:33

Instrument :

BNA_F

ClientSampleId :

PB162639BS

Tgt Ion:184 Resp: 85720

Ion Ratio Lower Upper

184 100

185 14.1 11.1 16.7

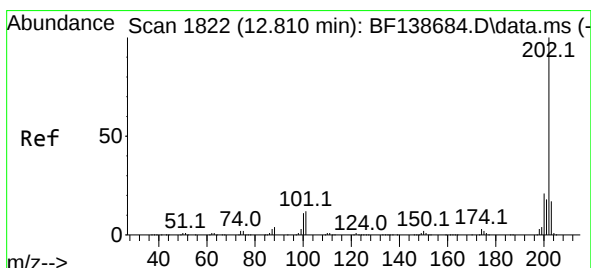
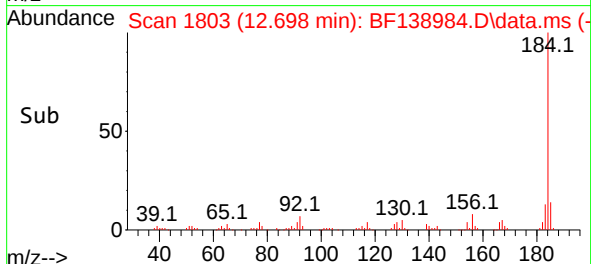
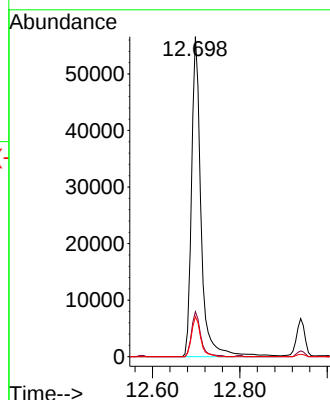
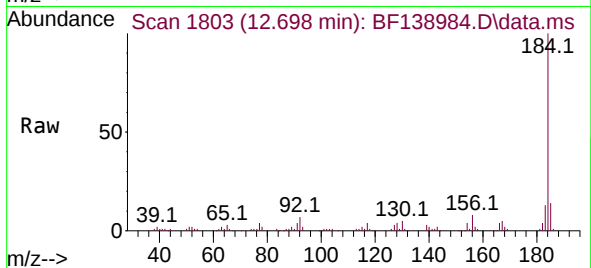
183 12.5 9.6 14.4

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 08/14/2024

Supervised By :mohammad ahmed 08/14/2024



#78

Pyrene

Concen: 54.599 ng

RT: 12.804 min Scan# 1821

Delta R.T. -0.006 min

Lab File: BF138984.D

Acq: 13 Aug 2024 20:33

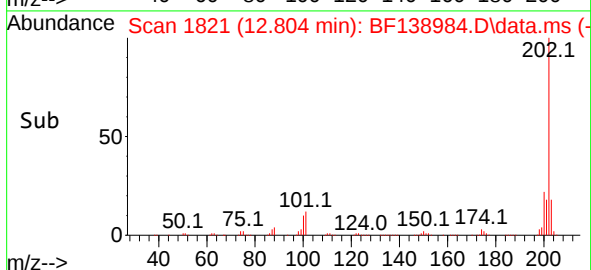
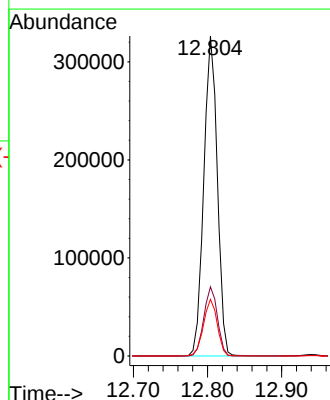
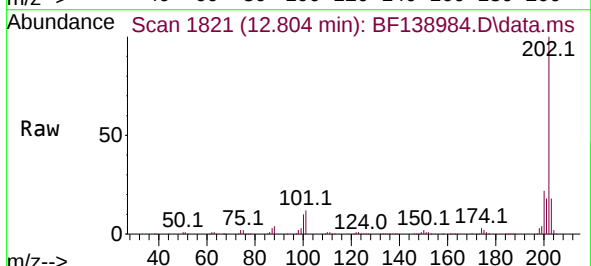
Tgt Ion:202 Resp: 413651

Ion Ratio Lower Upper

202 100

200 21.6 16.8 25.2

203 17.7 13.8 20.6





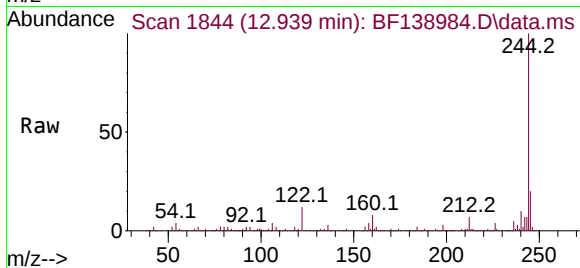
#79
 Terphenyl-d14
 Concen: 118.572 ng
 RT: 12.939 min Scan# 1844
 Delta R.T. -0.006 min
 Lab File: BF138984.D
 Acq: 13 Aug 2024 20:33

Instrument :

BNA_F

ClientSampleId :

PB162639BS

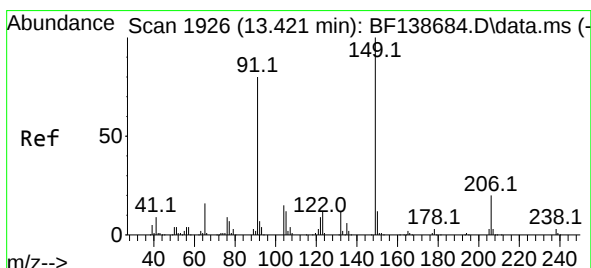
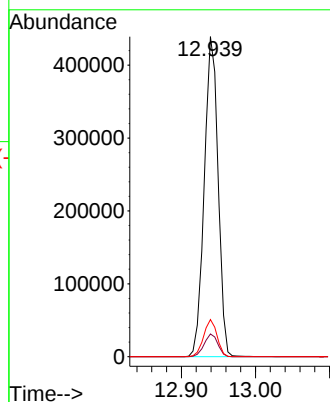
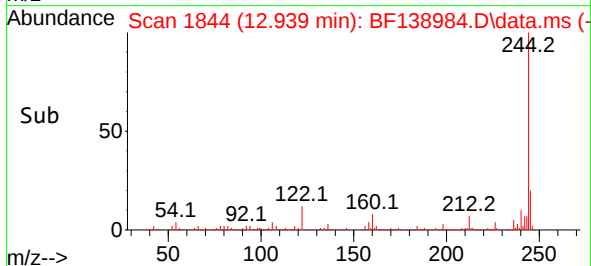


Tgt Ion:244 Resp: 56987
 Ion Ratio Lower Upper
 244 100
 212 7.1 5.4 8.2
 122 11.6 9.6 14.4

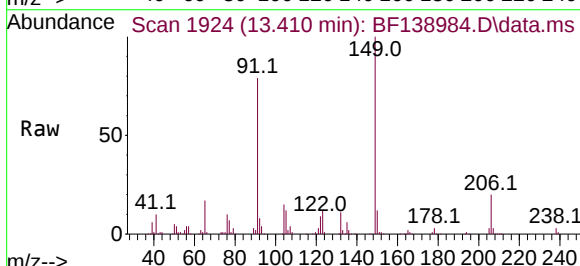
Manual Integrations

APPROVED

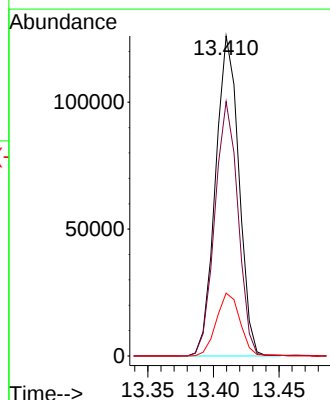
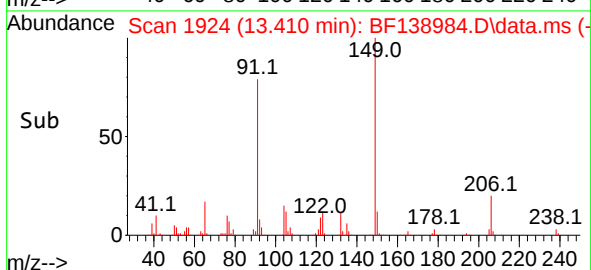
Reviewed By :Yogesh Patel 08/14/2024
 Supervised By :mohammad ahmed 08/14/2024

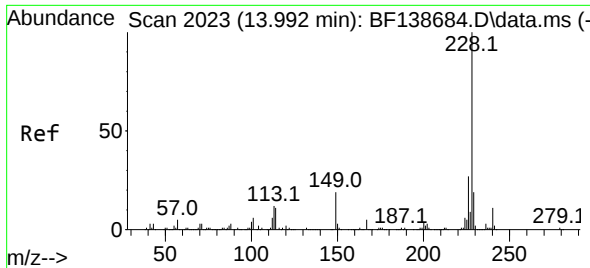


#80
 Butylbenzylphthalate
 Concen: 64.363 ng
 RT: 13.410 min Scan# 1924
 Delta R.T. -0.012 min
 Lab File: BF138984.D
 Acq: 13 Aug 2024 20:33



Tgt Ion:149 Resp: 156151
 Ion Ratio Lower Upper
 149 100
 91 79.5 63.7 95.5
 206 19.6 16.2 24.2





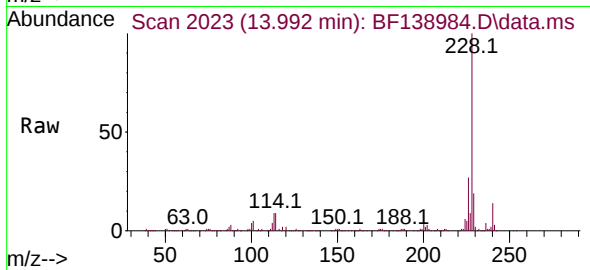
#81
Benzo(a)anthracene
Concen: 55.791 ng
RT: 13.992 min Scan# 2016
Delta R.T. 0.000 min
Lab File: BF138984.D
Acq: 13 Aug 2024 20:33

Instrument :

BNA_F

ClientSampleId :

PB162639BS

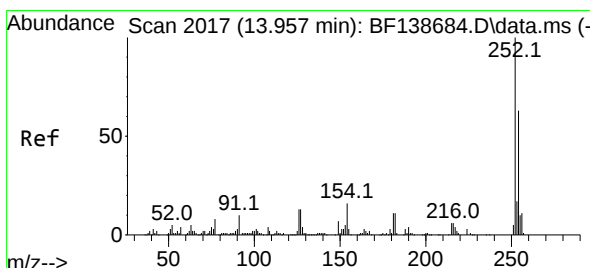
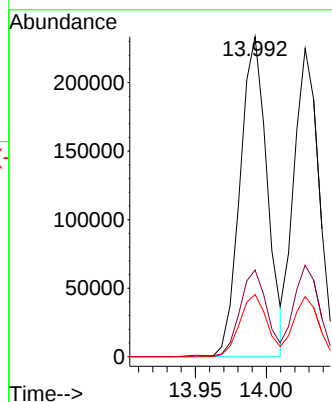
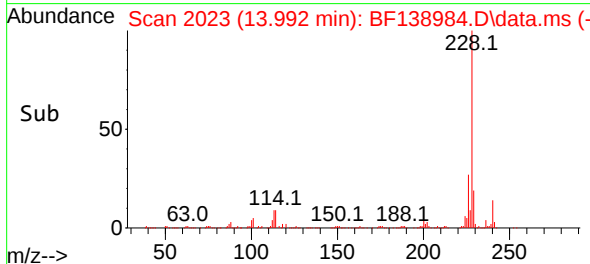


Tgt Ion:228 Resp: 30914
Ion Ratio Lower Upper
228 100
226 27.1 22.1 33.1
229 19.5 15.4 23.0

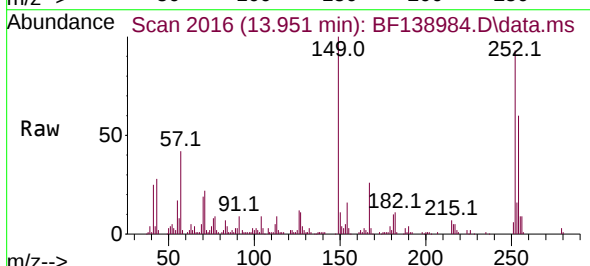
Manual Integrations

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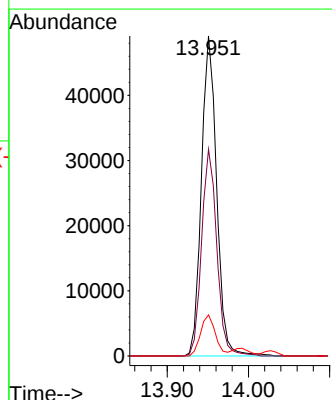
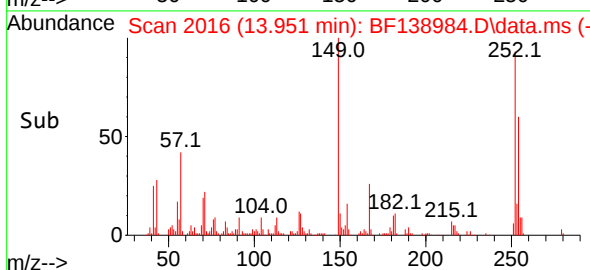
Reviewed By :Yogesh Patel 08/14/2024
Supervised By :mohammad ahmed 08/14/2024



#82
3,3'-Dichlorobenzidine
Concen: 45.188 ng
RT: 13.951 min Scan# 2016
Delta R.T. -0.006 min
Lab File: BF138984.D
Acq: 13 Aug 2024 20:33



Tgt Ion:252 Resp: 64076
Ion Ratio Lower Upper
252 100
254 64.6 50.8 76.2
126 12.9 10.2 15.2





#83

Chrysene

Concen: 55.464 ng

RT: 14.027 min Scan# 2030

Delta R.T. -0.006 min

Lab File: BF138984.D

Acq: 13 Aug 2024 20:33

Instrument :

BNA_F

ClientSampleId :

PB162639BS

Tgt Ion:228 Resp: 277270

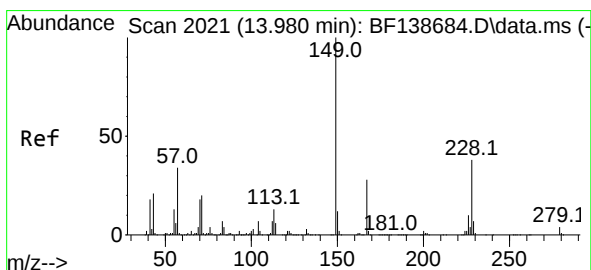
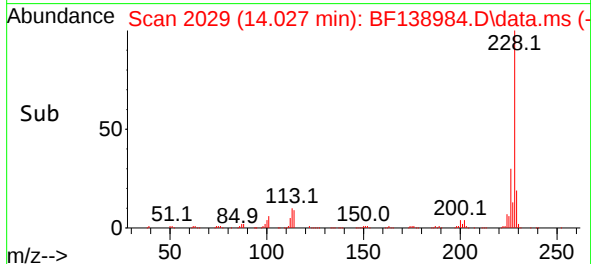
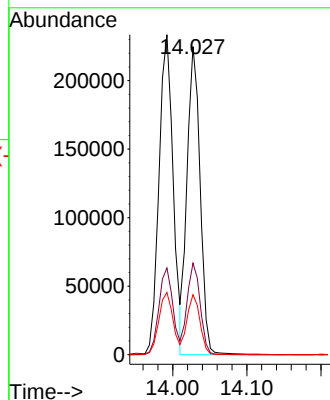
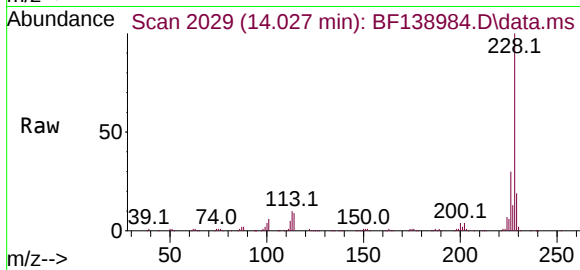
Ion	Ratio	Lower	Upper
228	100		
226	29.7	23.7	35.5
229	19.5	15.0	22.6

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 08/14/2024

Supervised By :mohammad ahmed 08/14/2024



#84

Bis(2-ethylhexyl)phthalate

Concen: 56.330 ng

RT: 13.963 min Scan# 2018

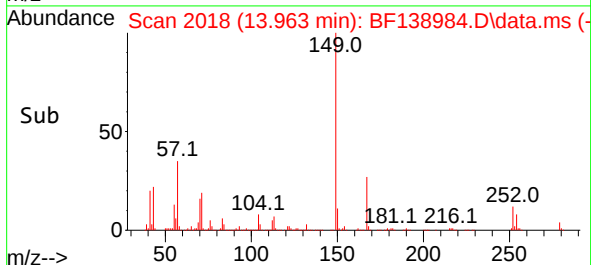
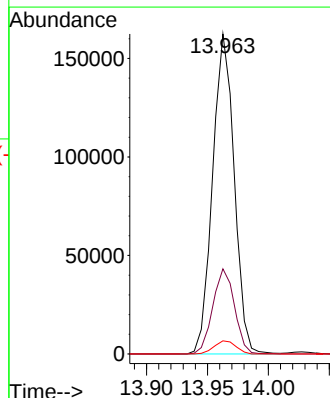
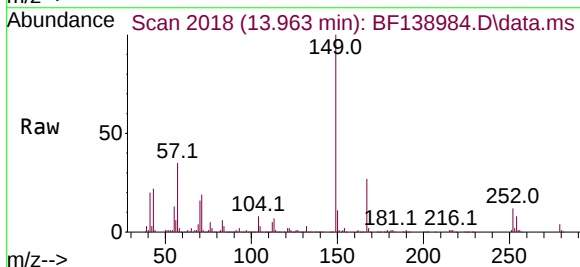
Delta R.T. -0.018 min

Lab File: BF138984.D

Acq: 13 Aug 2024 20:33

Tgt Ion:149 Resp: 200120

Ion	Ratio	Lower	Upper
149	100		
167	26.6	22.2	33.4
279	4.1	3.4	5.0





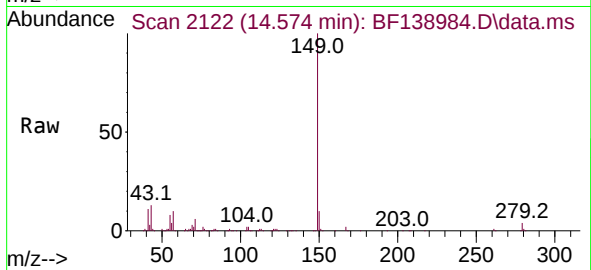
#85
Di-n-octyl phthalate
Concen: 49.035 ng
RT: 14.574 min Scan# 2125
Delta R.T. -0.018 min
Lab File: BF138984.D
Acq: 13 Aug 2024 20:33

Instrument :

BNA_F

ClientSampleId :

PB162639BS



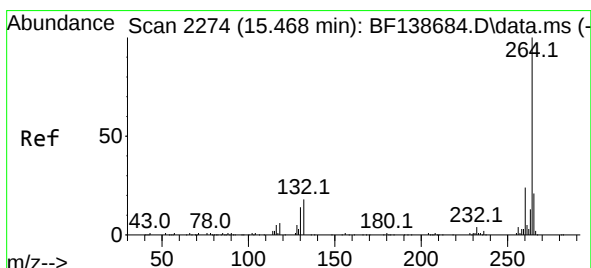
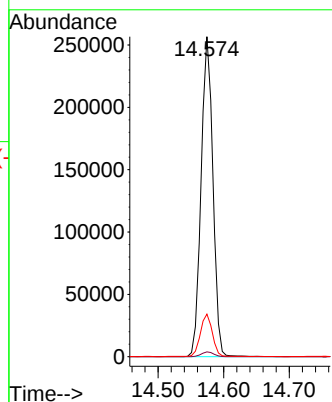
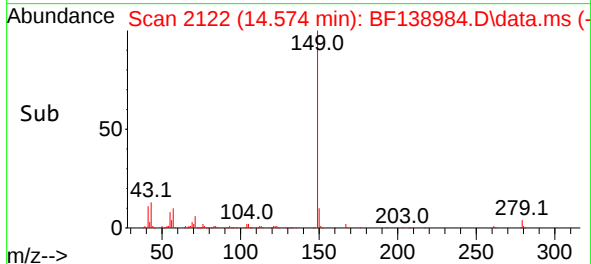
Tgt Ion:149 Resp: 32230
Ion Ratio Lower Upper
149 100
167 1.6 1.4 2.0
43 13.8 10.4 15.6

Manual Integrations

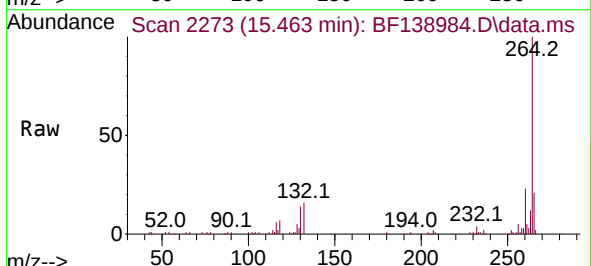
APPROVED

Reviewed By :Yogesh Patel 08/14/2024

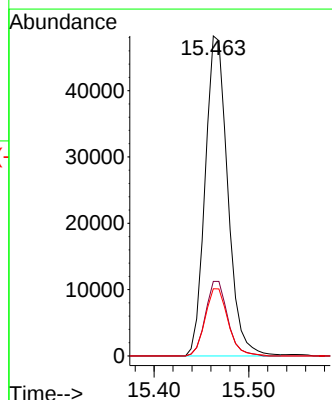
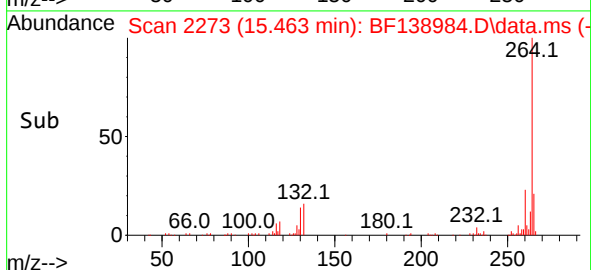
Supervised By :mohammad ahmed 08/14/2024

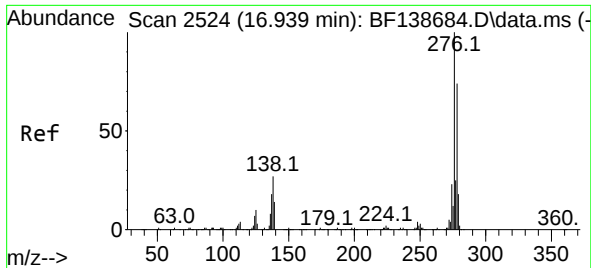


#86
Perylene-d12
Concen: 20.000 ng
RT: 15.463 min Scan# 2273
Delta R.T. -0.006 min
Lab File: BF138984.D
Acq: 13 Aug 2024 20:33



Tgt Ion:264 Resp: 79720
Ion Ratio Lower Upper
264 100
260 23.3 19.0 28.6
265 21.0 17.0 25.6





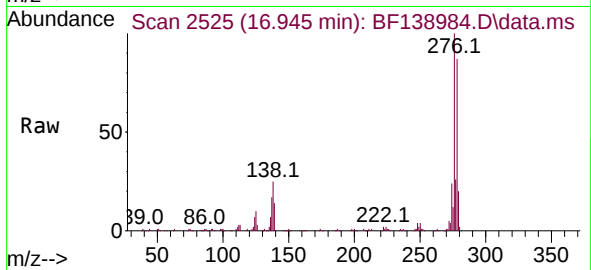
#87
Indeno(1,2,3-cd)pyrene
Concen: 43.627 ng
RT: 16.945 min Scan# 2524
Delta R.T. 0.006 min
Lab File: BF138984.D
Acq: 13 Aug 2024 20:33

Instrument :

BNA_F

ClientSampleId :

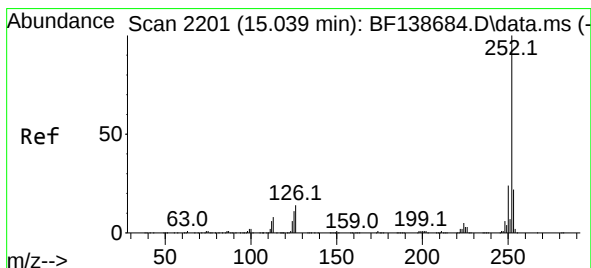
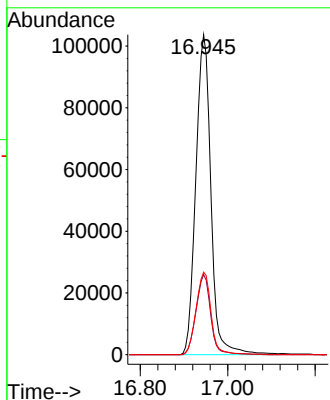
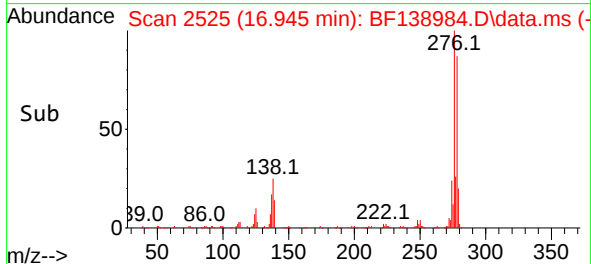
PB162639BS



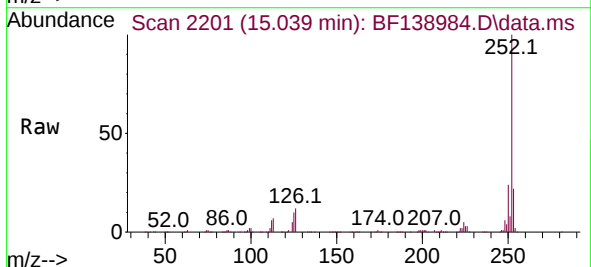
Tgt Ion: 276 Resp: 249244
Ion Ratio Lower Upper
276 100
138 24.2 21.8 32.8
277 25.6 20.6 30.8

Manual Integrations
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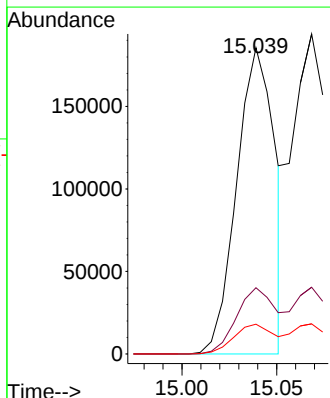
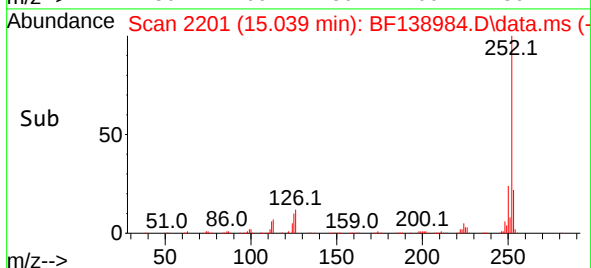
Reviewed By : Yogesh Patel 08/14/2024
Supervised By : mohammad ahmed 08/14/2024

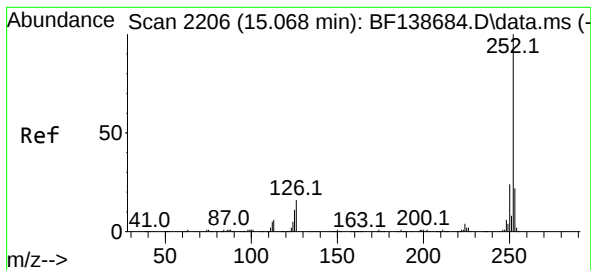


#88
Benzo(b)fluoranthene
Concen: 52.554 ng
RT: 15.039 min Scan# 2201
Delta R.T. 0.000 min
Lab File: BF138984.D
Acq: 13 Aug 2024 20:33



Tgt Ion: 252 Resp: 259715
Ion Ratio Lower Upper
252 100
253 21.7 17.5 26.3
125 9.7 8.9 13.3





#89

Benzo(k)fluoranthene

Concen: 62.524 ng m

RT: 15.068 min Scan# 21

Delta R.T. 0.000 min

Lab File: BF138984.D

Acq: 13 Aug 2024 20:33

Instrument :

BNA_F

ClientSampleId :

PB162639BS

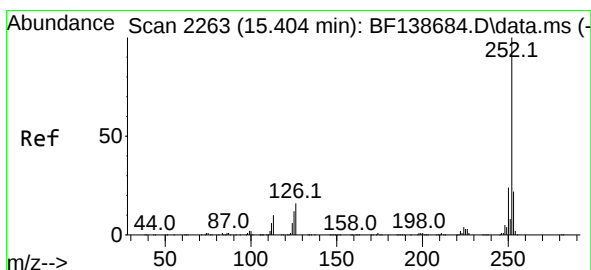
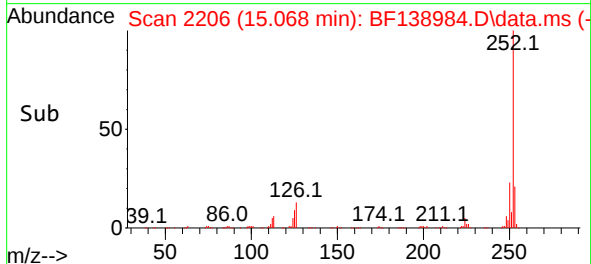
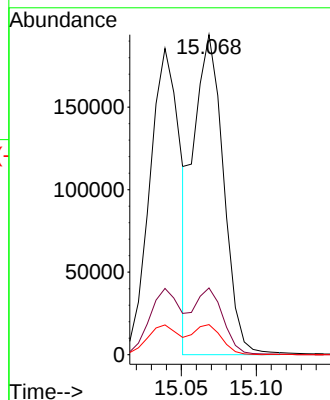
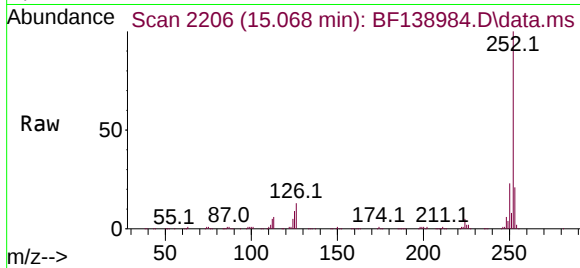
Tgt Ion:252 Resp: 26752
 Ion Ratio Lower Upper
 252 100
 253 20.8 17.4 26.0
 125 9.4 8.6 13.0

Manual Integrations

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Reviewed By :Yogesh Patel 08/14/2024

Supervised By :mohammad ahmed 08/14/2024



#90

Benzo(a)pyrene

Concen: 58.635 ng

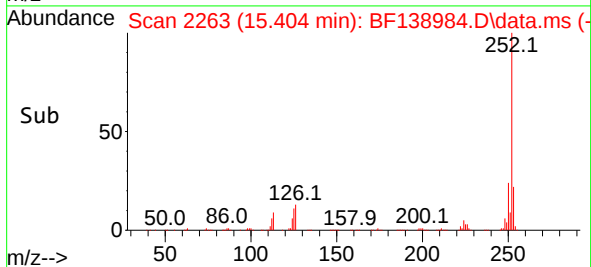
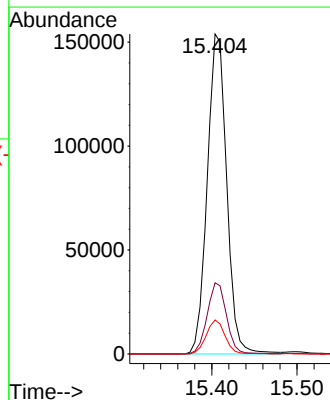
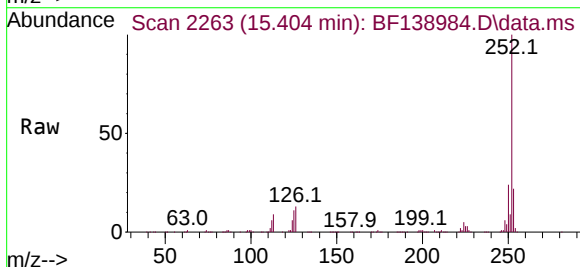
RT: 15.404 min Scan# 2263

Delta R.T. 0.000 min

Lab File: BF138984.D

Acq: 13 Aug 2024 20:33

Tgt Ion:252 Resp: 243735
 Ion Ratio Lower Upper
 252 100
 253 22.3 17.3 25.9
 125 10.7 9.5 14.3





#91
Dibenzo(a,h)anthracene
Concen: 43.010 ng
RT: 16.951 min Scan# 2100
Delta R.T. 0.000 min
Lab File: BF138984.D
Acq: 13 Aug 2024 20:33

Instrument :

BNA_F

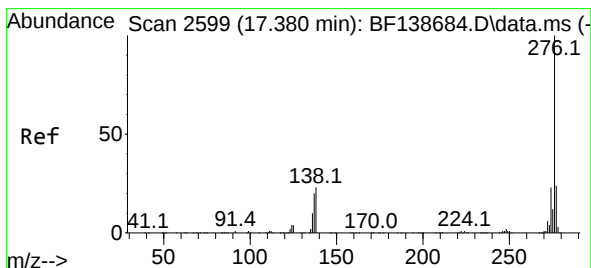
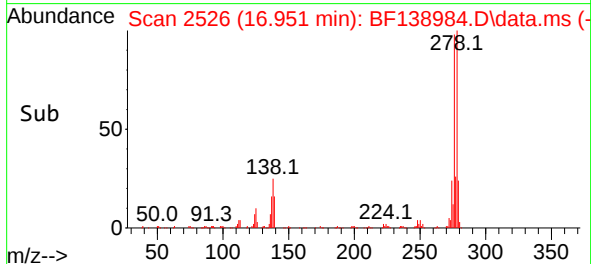
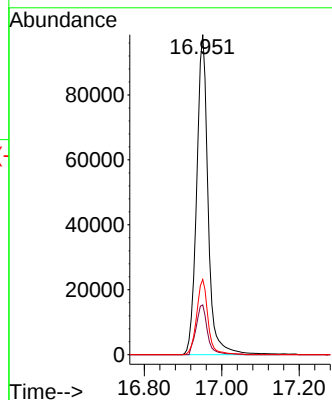
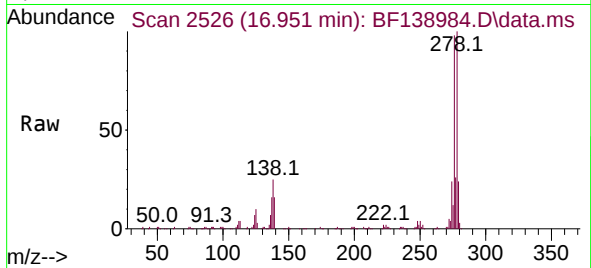
ClientSampleId :

PB162639BS

Tgt Ion:278 Resp: 20170
Ion Ratio Lower Upper
278 100
139 15.5 14.0 21.0
279 23.5 19.0 28.4

Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 08/14/2024
Supervised By :mohammad ahmed 08/14/2024



#92
Benzo(g,h,i)perylene
Concen: 37.685 ng
RT: 17.386 min Scan# 2600
Delta R.T. 0.006 min
Lab File: BF138984.D
Acq: 13 Aug 2024 20:33

Tgt Ion:276 Resp: 183393
Ion Ratio Lower Upper
276 100
277 22.3 19.0 28.4
138 19.3 18.5 27.7

