

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF112524\
 Data File : BF140594.D
 Acq On : 25 Nov 2024 11:17
 Operator : RC/JU
 Sample : PB165086BS
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB165086BS

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 11/27/2024
 Supervised By :mohammad ahmed 11/27/2024

Quant Time: Nov 25 12:10:20 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF112124.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Nov 21 15:23:48 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.869	152	95461	20.000	ng	0.00
21) Naphthalene-d8	8.151	136	360433	20.000	ng	0.00
39) Acenaphthene-d10	9.910	164	204239	20.000	ng	0.00
64) Phenanthrene-d10	11.398	188	384268	20.000	ng	0.00
76) Chrysene-d12	14.051	240	226332	20.000	ng	0.00
86) Perylene-d12	15.551	264	183684	20.000	ng	0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.516	112	786656	140.602	ng	0.02
7) Phenol-d6	6.516	99	1028062	138.991	ng	0.00
23) Nitrobenzene-d5	7.434	82	675051	95.799	ng	0.00
42) 2,4,6-Tribromophenol	10.704	330	312581	143.100	ng	0.00
45) 2-Fluorobiphenyl	9.228	172	1279048	93.308	ng	0.00
79) Terphenyl-d14	12.986	244	1402340	96.479	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	2.758	88	106907	45.447	ng	97
3) Pyridine	3.516	79	270543	52.271	ng	100
4) n-Nitrosodimethylamine	3.469	42	148775	48.908	ng	93
6) Aniline	6.534	93	264036	50.716	ng	# 78
8) 2-Chlorophenol	6.663	128	315221	52.369	ng	96
9) Benzaldehyde	6.422	77	24983	6.380	ng	98
10) Phenol	6.528	94	387598	51.312	ng	99
11) bis(2-Chloroethyl)ether	6.604	93	295208	51.071	ng	99
12) 1,3-Dichlorobenzene	6.810	146	325129	48.071	ng	99
13) 1,4-Dichlorobenzene	6.887	146	325939	47.594	ng	100
14) 1,2-Dichlorobenzene	7.040	146	313851	48.908	ng	100
15) Benzyl Alcohol	7.016	79	288141	52.530	ng	98
16) 2,2'-oxybis(1-Chloropr...	7.140	45	360776	52.831	ng	89
17) 2-Methylphenol	7.128	107	249475	51.776	ng	98
18) Hexachloroethane	7.381	117	121736	47.595	ng	100
19) n-Nitroso-di-n-propyla...	7.281	70	221858	50.752	ng	99
20) 3+4-Methylphenols	7.281	107	318248	51.386	ng	98
22) Acetophenone	7.281	105	429201	48.844	ng	99
24) Nitrobenzene	7.451	77	342592	47.041	ng	99
25) Isophorone	7.692	82	612974	52.154	ng	99
26) 2-Nitrophenol	7.769	139	168892	52.330	ng	97
27) 2,4-Dimethylphenol	7.810	122	254935	66.019	ng	98
28) bis(2-Chloroethoxy)met...	7.898	93	364440	50.899	ng	100
29) 2,4-Dichlorophenol	8.016	162	262636	51.328	ng	98
30) 1,2,4-Trichlorobenzene	8.092	180	275345	47.130	ng	99
31) Naphthalene	8.175	128	905626	48.780	ng	100
32) Benzoic acid	7.940	122	154953	46.395	ng	97
33) 4-Chloroaniline	8.222	127	139898	25.168	ng	97
34) Hexachlorobutadiene	8.287	225	180530	46.653	ng	98
35) Caprolactam	8.598	113	78235m	49.406	ng	
36) 4-Chloro-3-methylphenol	8.716	107	286716	50.047	ng	100
37) 2-Methylnaphthalene	8.863	142	593210	50.306	ng	99
38) 1-Methylnaphthalene	8.963	142	556200	48.120	ng	99
40) 1,2,4,5-Tetrachloroben...	9.034	216	289964	48.496	ng	98
41) Hexachlorocyclopentadiene	9.016	237	263786	185.676	ng	98
43) 2,4,6-Trichlorophenol	9.145	196	185930	49.557	ng	100

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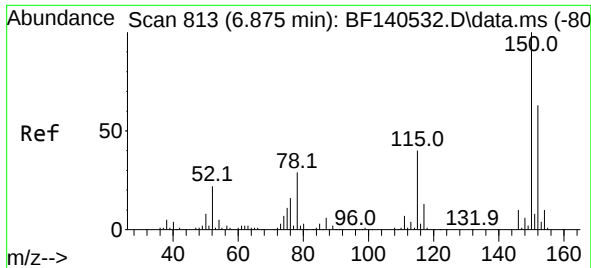
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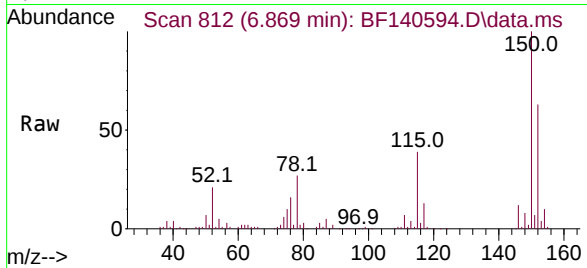
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.198	196	193087	47.421	ng	96
46) 1,1'-Biphenyl	9.328	154	739237	48.479	ng	100
47) 2-Chloronaphthalene	9.357	162	550668	47.659	ng	99
48) 2-Nitroaniline	9.457	65	181803	49.021	ng	96
49) Acenaphthylene	9.775	152	914236	52.369	ng	100
50) Dimethylphthalate	9.628	163	667700	49.639	ng	100
51) 2,6-Dinitrotoluene	9.698	165	143481	47.033	ng	94
52) Acenaphthene	9.945	154	557453	50.255	ng	98
53) 3-Nitroaniline	9.869	138	98515	33.018	ng	95
54) 2,4-Dinitrophenol	9.981	184	137274	86.212	ng	96
55) Dibenzofuran	10.116	168	834818	49.340	ng	99
56) 4-Nitrophenol	10.045	139	199246	97.917	ng	94
57) 2,4-Dinitrotoluene	10.104	165	201607	49.726	ng	98
58) Fluorene	10.463	166	672115	49.490	ng	100
59) 2,3,4,6-Tetrachlorophenol	10.239	232	170505	54.486	ng	95
60) Diethylphthalate	10.328	149	678334	49.635	ng	100
61) 4-Chlorophenyl-phenyle...	10.451	204	332587	49.901	ng	96
62) 4-Nitroaniline	10.486	138	150568	48.116	ng	97
63) Azobenzene	10.610	77	644651	49.810	ng	99
65) 4,6-Dinitro-2-methylph...	10.516	198	103971	52.948	ng	95
66) n-Nitrosodiphenylamine	10.569	169	572661	50.393	ng	99
67) 4-Bromophenyl-phenylether	10.939	248	194886	49.246	ng	99
68) Hexachlorobenzene	11.010	284	224667	49.030	ng	100
69) Atrazine	11.098	200	184571	57.735	ng	99
70) Pentachlorophenol	11.210	266	204321	101.312	ng	99
71) Phenanthrene	11.428	178	935511	50.647	ng	99
72) Anthracene	11.475	178	955770	52.897	ng	100
73) Carbazole	11.633	167	869481	50.022	ng	100
74) Di-n-butylphthalate	11.951	149	1016934	50.676	ng	100
75) Fluoranthene	12.616	202	1008535	50.288	ng	99
77) Benzidine	12.733	184	235993	35.863	ng	99
78) Pyrene	12.845	202	1028303	49.137	ng	100
80) Butylbenzylphthalate	13.457	149	395492	52.461	ng	100
81) Benzo(a)anthracene	14.039	228	756335	50.482	ng	100
82) 3,3'-Dichlorobenzidine	13.998	252	150175	33.385	ng	99
83) Chrysene	14.080	228	708791	51.738	ng	99
84) Bis(2-ethylhexyl)phtha...	14.016	149	513313	53.923	ng	100
85) Di-n-octyl phthalate	14.651	149	724749	55.710	ng	98
87) Indeno(1,2,3-cd)pyrene	17.068	276	607172	50.722	ng	98
88) Benzo(b)fluoranthene	15.116	252	600609	52.057	ng	99
89) Benzo(k)fluoranthene	15.145	252	520314	51.535	ng	99
90) Benzo(a)pyrene	15.492	252	515240	54.925	ng	99
91) Dibenzo(a,h)anthracene	17.074	278	494149	50.406	ng	99
92) Benzo(g,h,i)perylene	17.515	276	449443	44.927	ng	98

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



#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.869 min Scan# 81
Delta R.T. -0.006 min
Lab File: BF140594.D
Acq: 25 Nov 2024 11:17

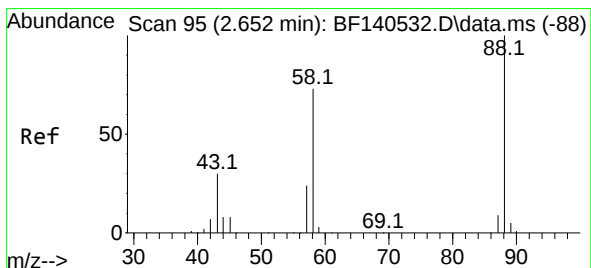
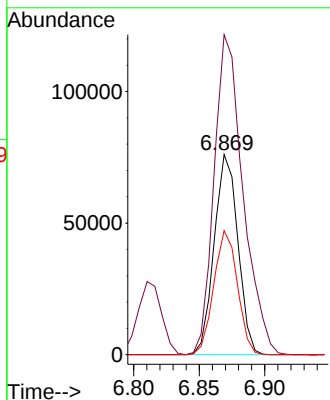
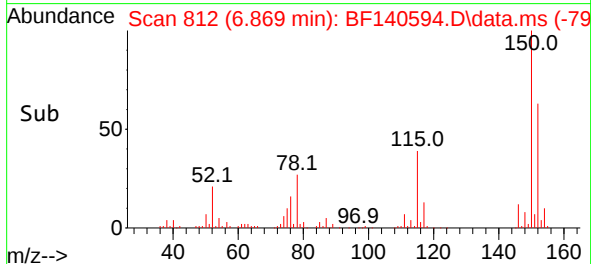
Instrument :
BNA_F
ClientSampleId :
PB165086BS



Tgt Ion:152 Resp: 9546
Ion Ratio Lower Upper
152 100
150 159.9 128.5 192.7
115 61.9 50.2 75.4

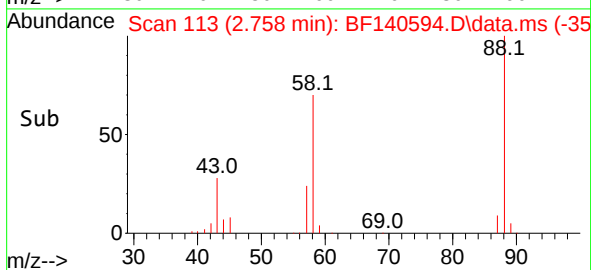
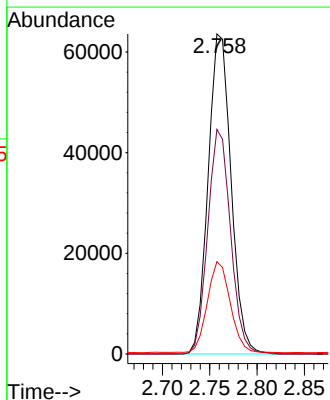
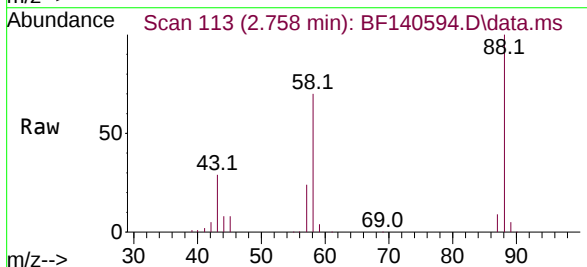
Manual Integrations
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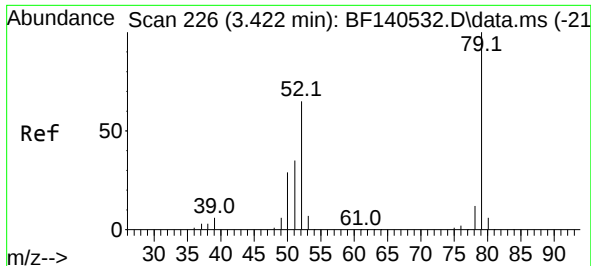
Reviewed By :Yogesh Patel 11/27/2024
Supervised By :mohammad ahmed 11/27/2024



#2
1,4-Dioxane
Concen: 45.447 ng
RT: 2.758 min Scan# 113
Delta R.T. 0.106 min
Lab File: BF140594.D
Acq: 25 Nov 2024 11:17

Tgt Ion: 88 Resp: 106907
Ion Ratio Lower Upper
88 100
58 69.8 57.4 86.2
43 28.5 24.3 36.5





#3

Pyridine

Concen: 52.271 ng

RT: 3.516 min Scan# 24

Delta R.T. 0.094 min

Lab File: BF140594.D

Acq: 25 Nov 2024 11:17

Instrument :

BNA_F

ClientSampleId :

PB165086BS

Tgt Ion: 79 Resp: 27054

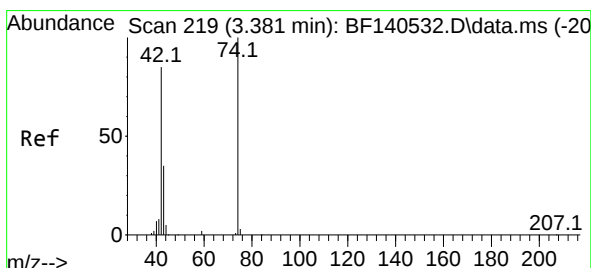
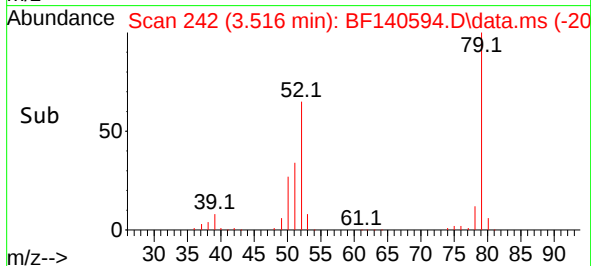
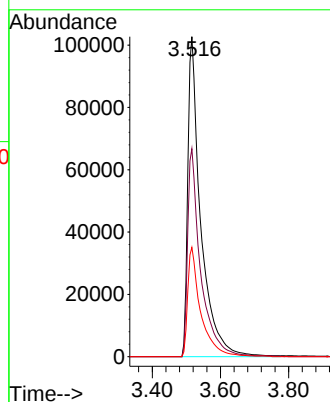
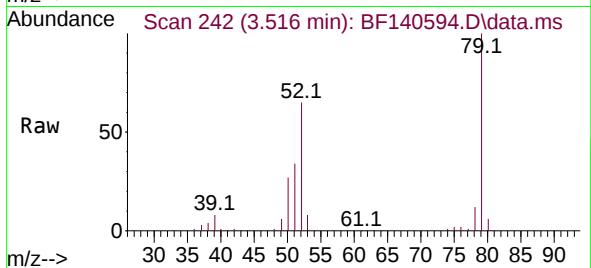
Ion	Ratio	Lower	Upper
79	100		
52	65.0	52.1	78.1
51	34.2	27.8	41.8

Manual Integrations

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Supervised By :mohammad ahmed 11/27/2024



#4

n-Nitrosodimethylamine

Concen: 48.908 ng

RT: 3.469 min Scan# 234

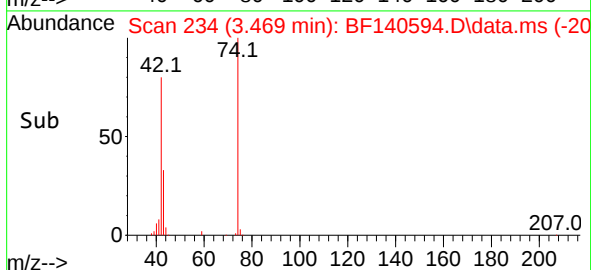
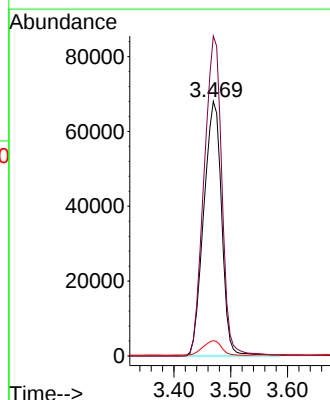
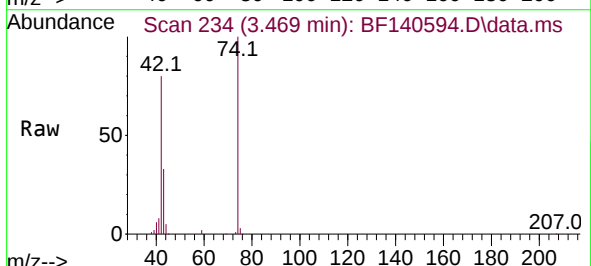
Delta R.T. 0.088 min

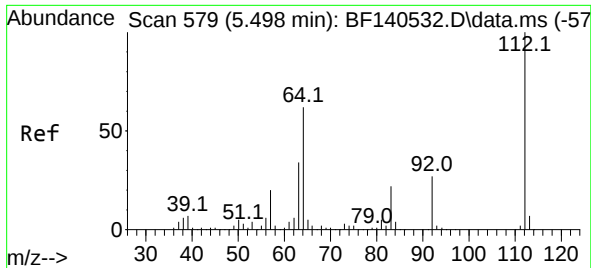
Lab File: BF140594.D

Acq: 25 Nov 2024 11:17

Tgt Ion: 42 Resp: 148775

Ion	Ratio	Lower	Upper
42	100		
74	125.7	93.8	140.6
44	6.0	4.6	6.8





#5
2-Fluorophenol
Concen: 140.602 ng
RT: 5.516 min Scan# 51
Delta R.T. 0.018 min
Lab File: BF140594.D
Acq: 25 Nov 2024 11:17

Instrument :

BNA_F

ClientSampleId :

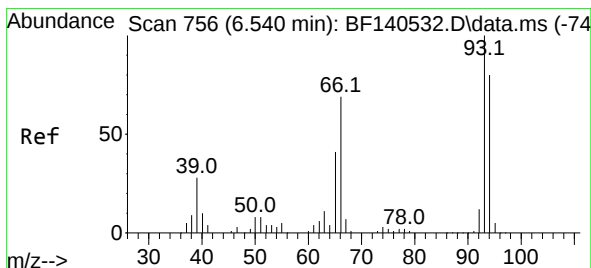
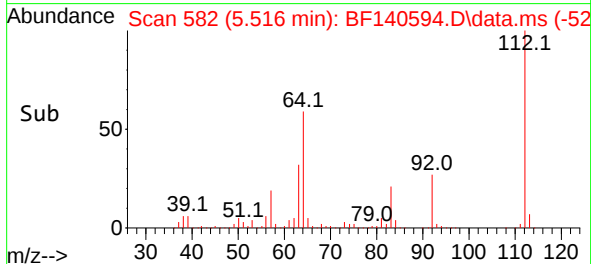
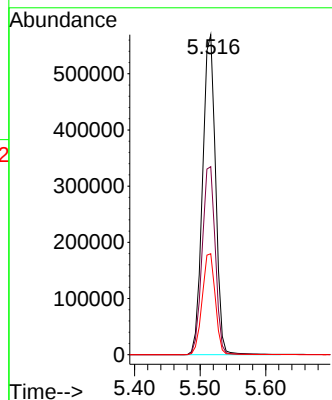
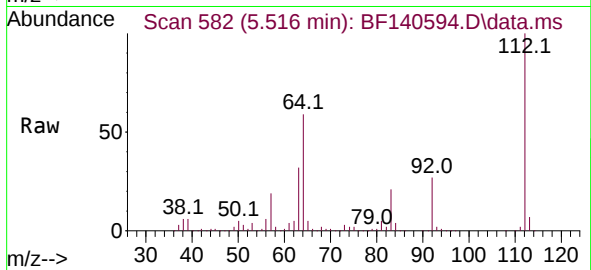
PB165086BS

Tgt Ion:112 Resp: 786650
Ion Ratio Lower Upper
112 100
64 58.8 49.2 73.8
63 31.6 27.0 40.4

Manual Integrations

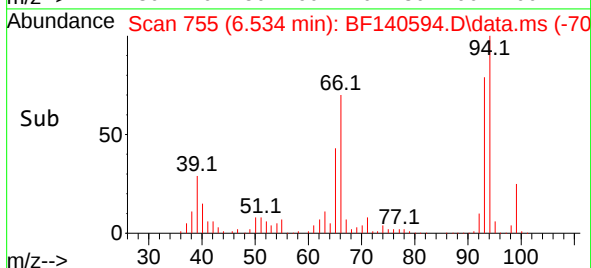
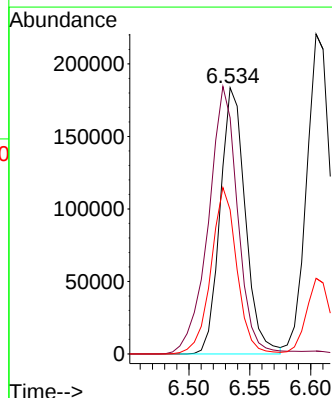
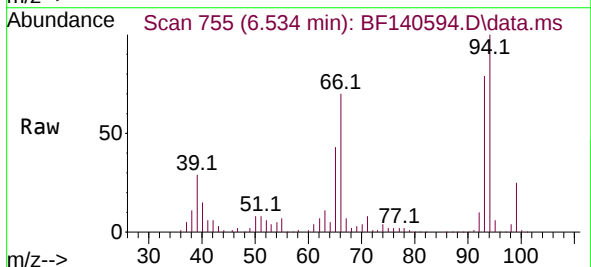
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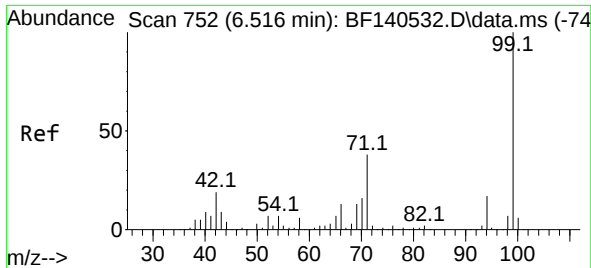
Reviewed By :Yogesh Patel 11/27/2024
Supervised By :mohammad ahmed 11/27/2024



#6
Aniline
Concen: 50.716 ng
RT: 6.534 min Scan# 755
Delta R.T. -0.006 min
Lab File: BF140594.D
Acq: 25 Nov 2024 11:17

Tgt Ion: 93 Resp: 264036
Ion Ratio Lower Upper
93 100
66 88.7 56.5 84.7#
65 54.2 32.9 49.3#





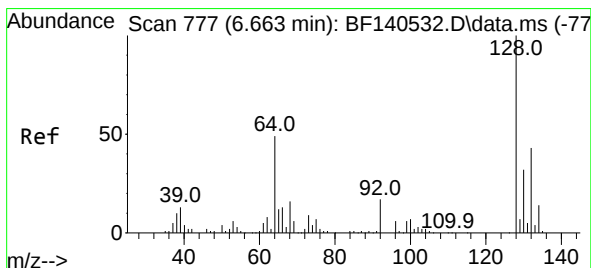
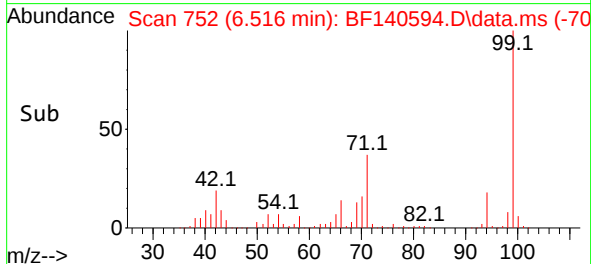
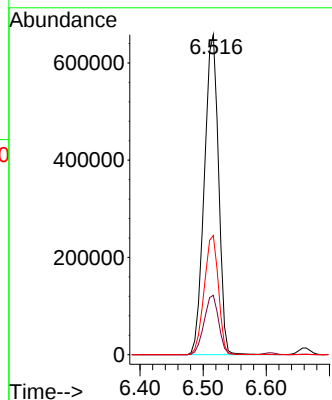
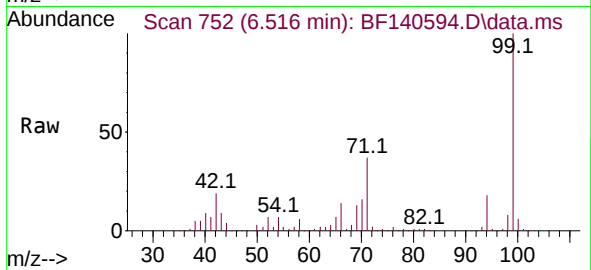
#7
Phenol-d6
Concen: 138.991 ng
RT: 6.516 min Scan# 711
Delta R.T. 0.000 min
Lab File: BF140594.D
Acq: 25 Nov 2024 11:17

Instrument :
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ClientSampleId :
PB165086BS

Tgt Ion: 99 Resp: 102806
Ion Ratio Lower Upper
99 100
42 18.5 15.4 23.0
71 37.2 30.6 46.0

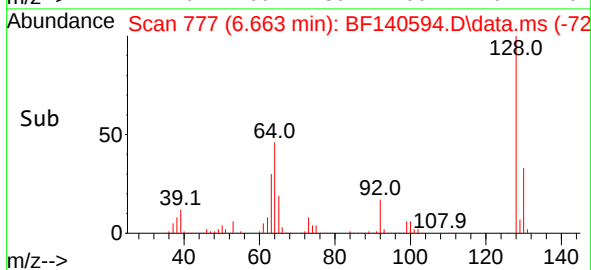
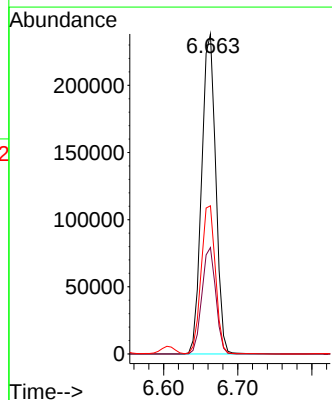
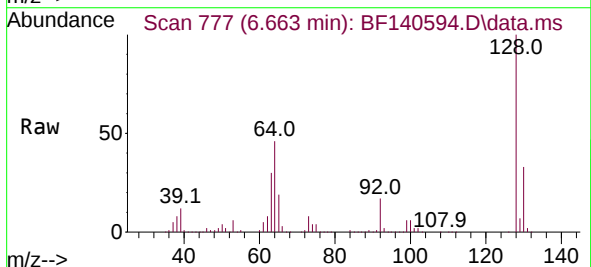
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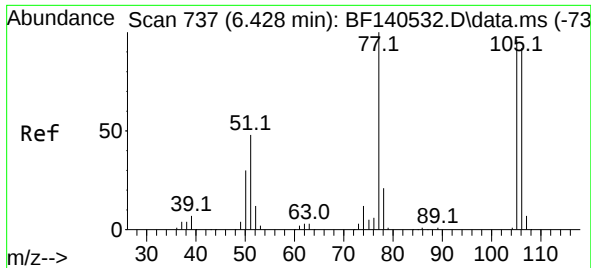
Reviewed By :Yogesh Patel 11/27/2024
Supervised By :mohammad ahmed 11/27/2024



#8
2-Chlorophenol
Concen: 52.369 ng
RT: 6.663 min Scan# 777
Delta R.T. 0.000 min
Lab File: BF140594.D
Acq: 25 Nov 2024 11:17

Tgt Ion:128 Resp: 315221
Ion Ratio Lower Upper
128 100
130 33.2 12.3 52.3
64 46.3 30.2 70.2





#9
Benzaldehyde
Concen: 6.380 ng
RT: 6.422 min Scan# 736
Delta R.T. -0.006 min
Lab File: BF140594.D
Acq: 25 Nov 2024 11:17

Instrument :

BNA_F

ClientSampleId :

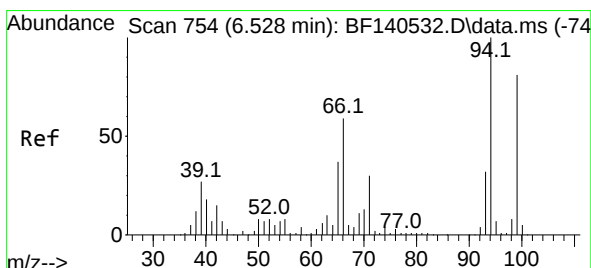
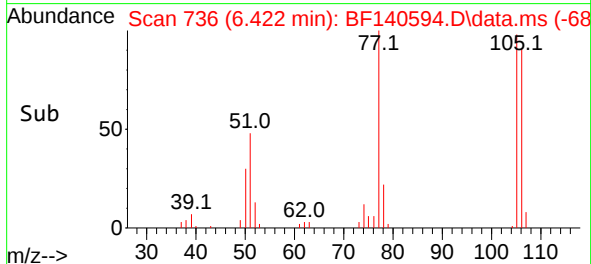
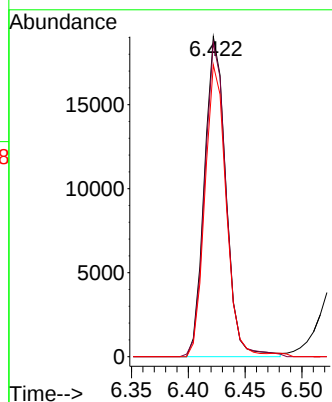
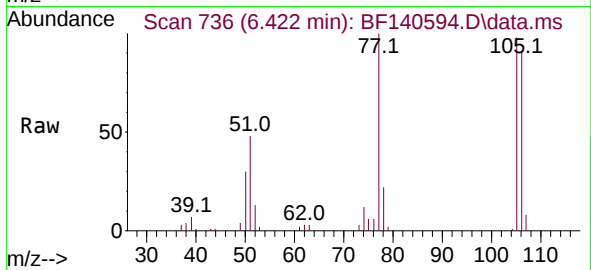
PB165086BS

Tgt Ion: 77 Resp: 2498
Ion Ratio Lower Upper
77 100
105 98.1 75.6 115.6
106 91.2 72.0 112.0

Manual Integrations

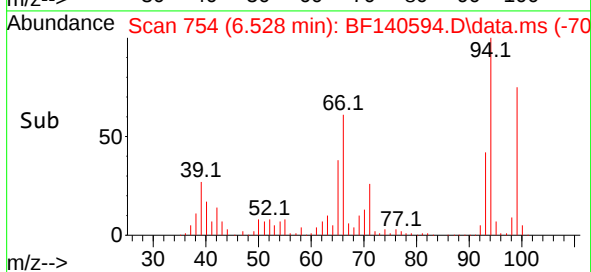
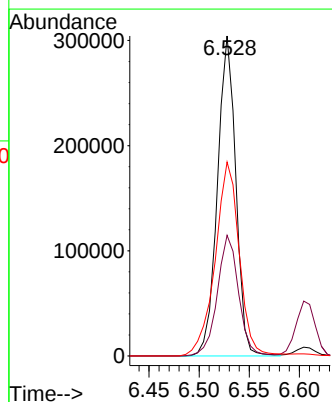
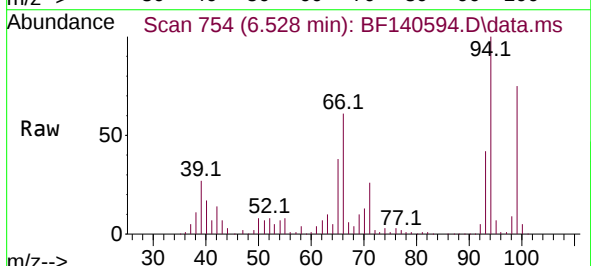
APPROVED

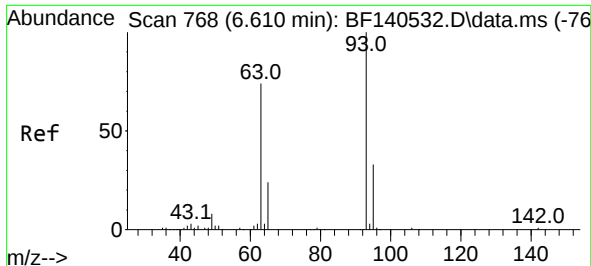
Reviewed By :Yogesh Patel 11/27/2024
Supervised By :mohammad ahmed 11/27/2024



#10
Phenol
Concen: 51.312 ng
RT: 6.528 min Scan# 754
Delta R.T. 0.000 min
Lab File: BF140594.D
Acq: 25 Nov 2024 11:17

Tgt Ion: 94 Resp: 387598
Ion Ratio Lower Upper
94 100
65 37.7 17.2 57.2
66 60.6 39.2 79.2





#11
bis(2-Chloroethyl)ether
Concen: 51.071 ng
RT: 6.604 min Scan# 768
Delta R.T. -0.006 min
Lab File: BF140594.D
Acq: 25 Nov 2024 11:17

Instrument :

BNA_F

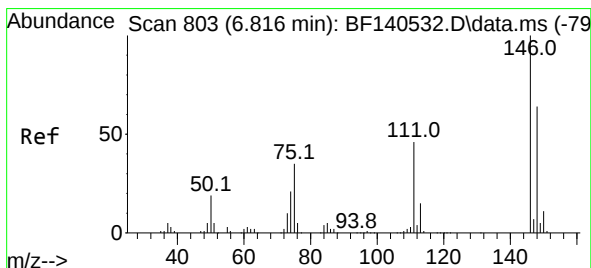
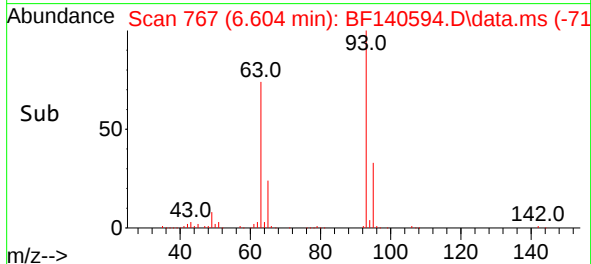
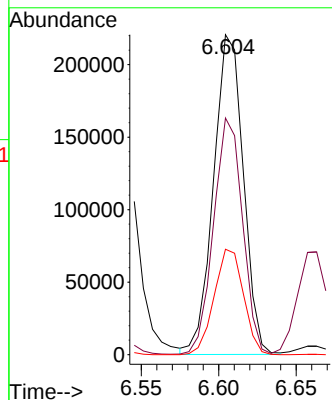
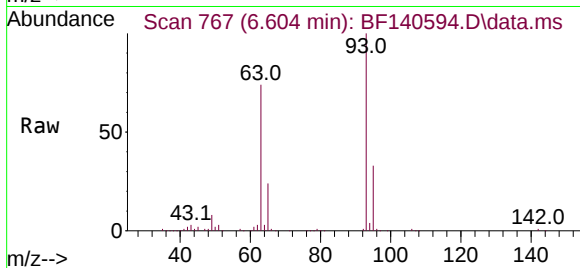
ClientSampleId :

PB165086BS

Tgt Ion: 93 Resp: 295208
Ion Ratio Lower Upper
93 100
63 74.0 52.8 92.8
95 33.0 12.3 52.3

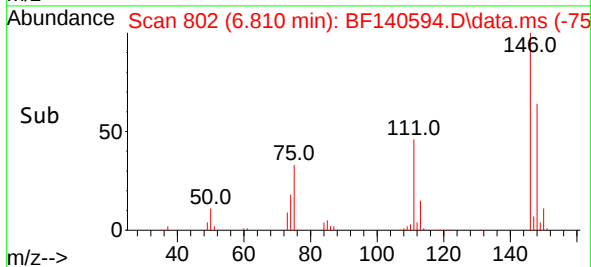
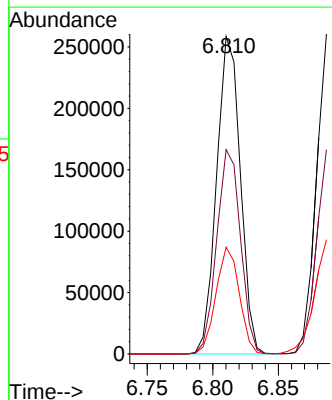
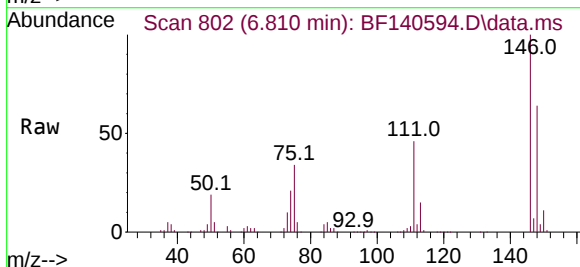
Manual Integrations
APPROVED

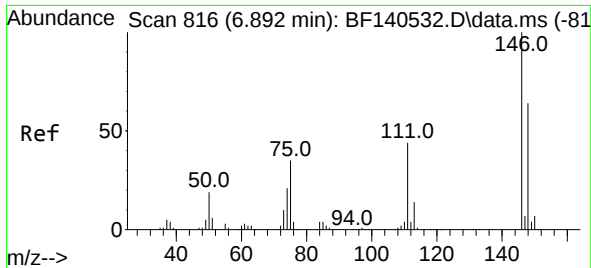
Reviewed By :Yogesh Patel 11/27/2024
Supervised By :mohammad ahmed 11/27/2024



#12
1,3-Dichlorobenzene
Concen: 48.071 ng
RT: 6.810 min Scan# 802
Delta R.T. -0.006 min
Lab File: BF140594.D
Acq: 25 Nov 2024 11:17

Tgt Ion:146 Resp: 325129
Ion Ratio Lower Upper
146 100
148 64.4 51.3 76.9
75 33.6 28.2 42.2





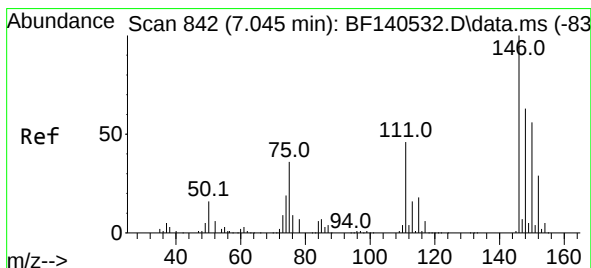
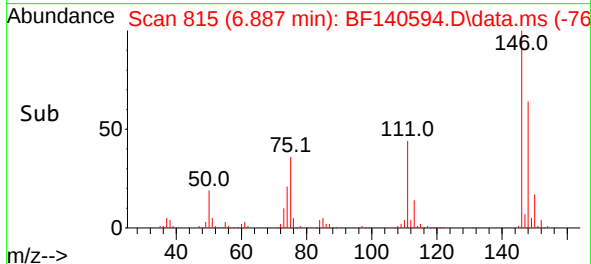
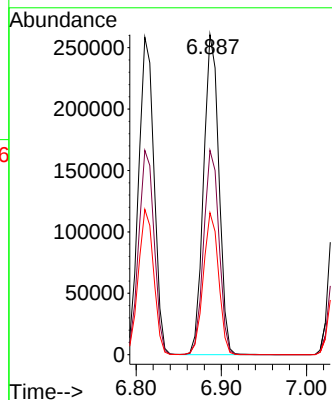
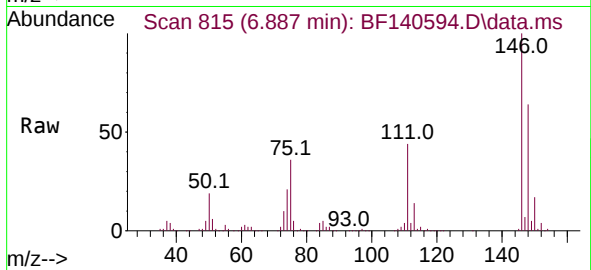
#13
1,4-Dichlorobenzene
Concen: 47.594 ng
RT: 6.887 min Scan# 815
Delta R.T. -0.006 min
Lab File: BF140594.D
Acq: 25 Nov 2024 11:17

Instrument :
BNA_F
ClientSampleId :
PB165086BS

Tgt Ion:146 Resp: 325939
Ion Ratio Lower Upper
146 100
148 63.9 51.0 76.6
111 44.4 35.3 52.9

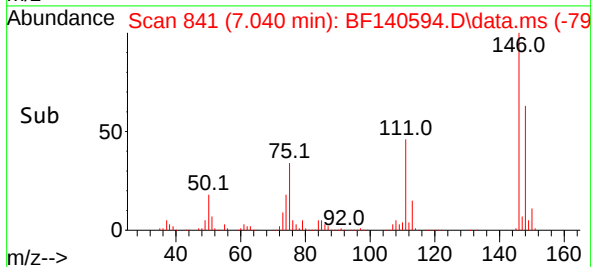
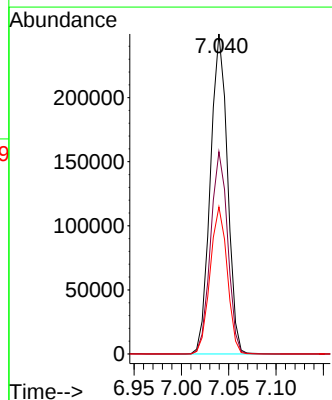
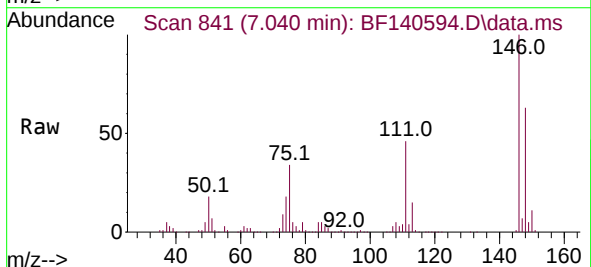
Manual Integrations
APPROVED

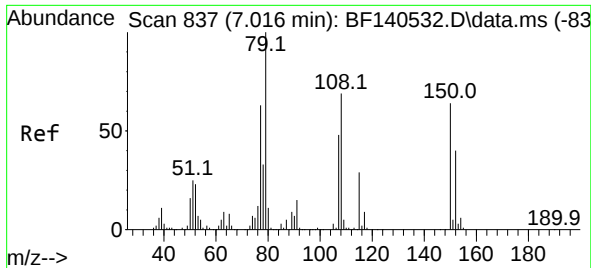
Reviewed By :Yogesh Patel 11/27/2024
Supervised By :mohammad ahmed 11/27/2024



#14
1,2-Dichlorobenzene
Concen: 48.908 ng
RT: 7.040 min Scan# 841
Delta R.T. -0.006 min
Lab File: BF140594.D
Acq: 25 Nov 2024 11:17

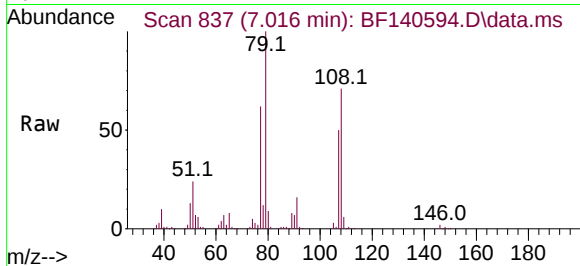
Tgt Ion:146 Resp: 313851
Ion Ratio Lower Upper
146 100
148 63.2 50.5 75.7
111 45.9 36.7 55.1





#15
Benzyl Alcohol
Concen: 52.530 ng
RT: 7.016 min Scan# 81
Delta R.T. 0.000 min
Lab File: BF140594.D
Acq: 25 Nov 2024 11:17

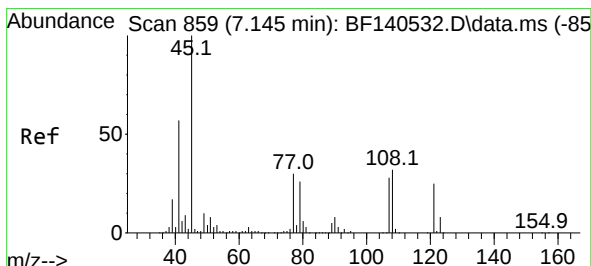
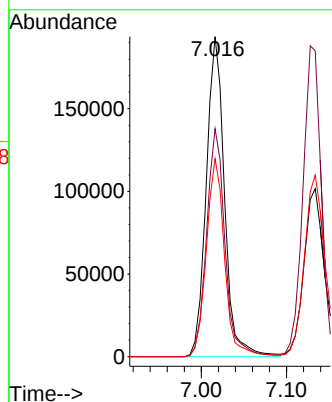
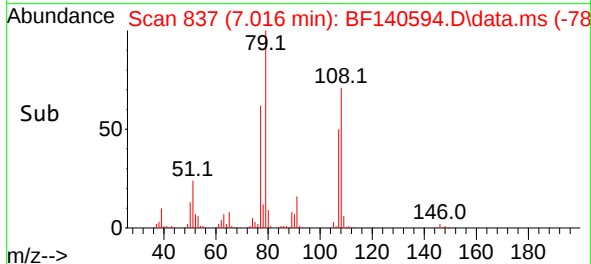
Instrument :
BNA_F
ClientSampleId :
PB165086BS



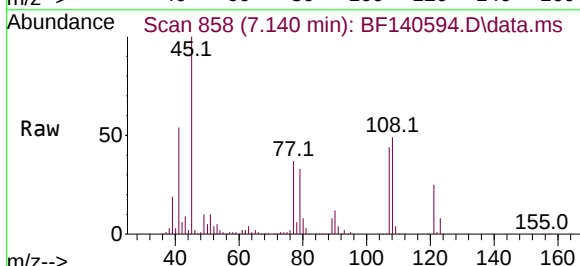
Tgt Ion: 79 Resp: 28814
Ion Ratio Lower Upper
79 100
108 71.3 55.0 82.6
77 61.8 50.1 75.1

Manual Integrations
APPROVED

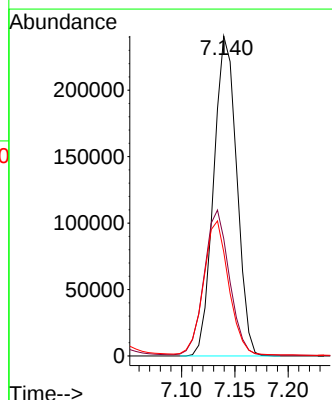
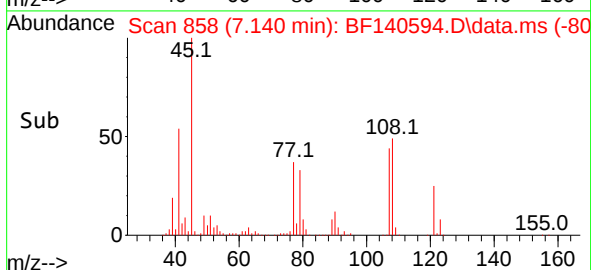
Reviewed By :Yogesh Patel 11/27/2024
Supervised By :mohammad ahmed 11/27/2024

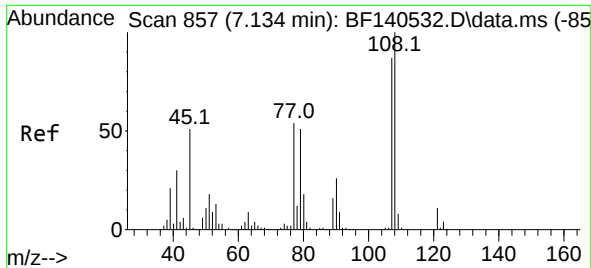


#16
2,2'-oxybis(1-Chloropropane)
Concen: 52.831 ng
RT: 7.140 min Scan# 858
Delta R.T. -0.006 min
Lab File: BF140594.D
Acq: 25 Nov 2024 11:17



Tgt Ion: 45 Resp: 360776
Ion Ratio Lower Upper
45 100
77 36.7 10.7 50.7
79 32.5 7.0 47.0





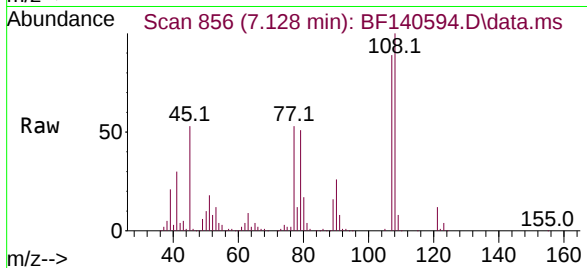
#17
2-Methylphenol
Concen: 51.776 ng
RT: 7.128 min Scan# 810
Delta R.T. -0.006 min
Lab File: BF140594.D
Acq: 25 Nov 2024 11:17

Instrument :

BNA_F

ClientSampleId :

PB165086BS

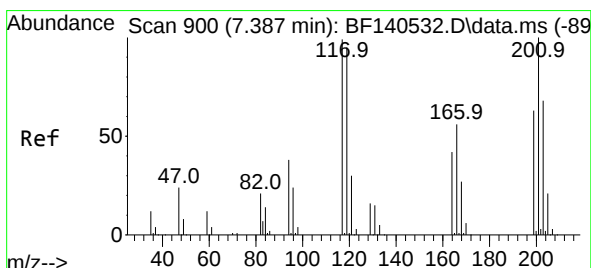
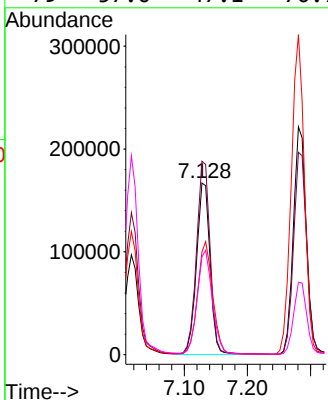
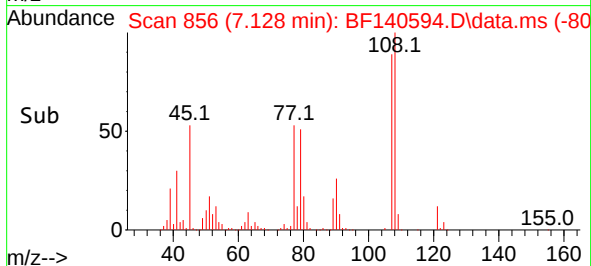


Tgt Ion:107 Resp: 249475
Ion Ratio Lower Upper
107 100
108 112.7 91.7 137.5
77 59.9 49.3 73.9
79 57.0 47.1 70.7

Manual Integrations

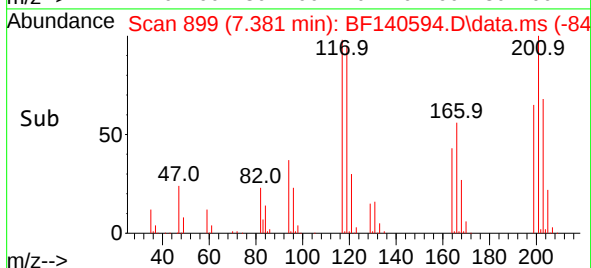
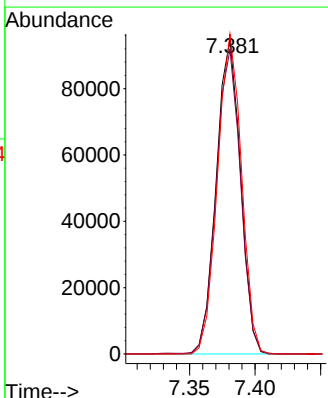
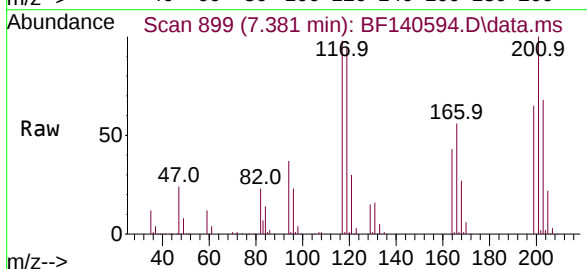
APPROVED

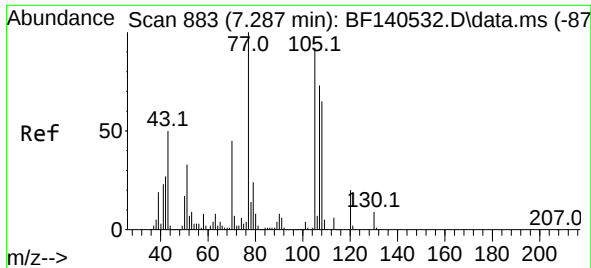
Reviewed By :Yogesh Patel 11/27/2024
Supervised By :mohammad ahmed 11/27/2024



#18
Hexachloroethane
Concen: 47.595 ng
RT: 7.381 min Scan# 899
Delta R.T. -0.006 min
Lab File: BF140594.D
Acq: 25 Nov 2024 11:17

Tgt Ion:117 Resp: 121736
Ion Ratio Lower Upper
117 100
119 96.8 77.1 115.7
201 101.7 81.1 121.7





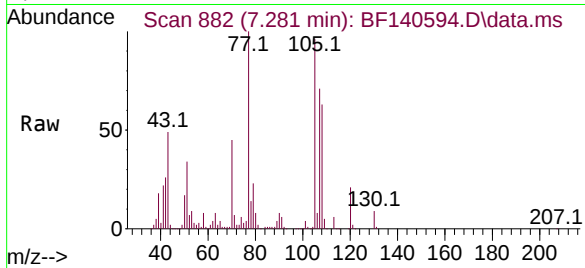
#19
n-Nitroso-di-n-propylamine
Concen: 50.752 ng
RT: 7.281 min Scan# 882
Delta R.T. -0.006 min
Lab File: BF140594.D
Acq: 25 Nov 2024 11:17

Instrument :

BNA_F

ClientSampleId :

PB165086BS



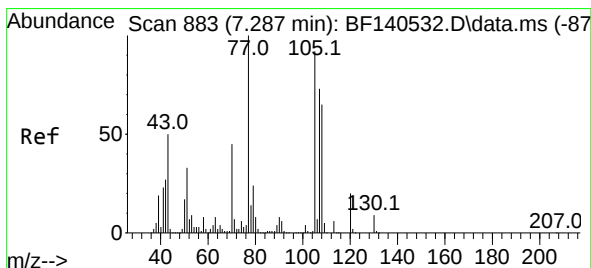
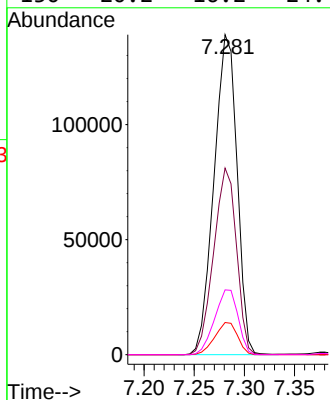
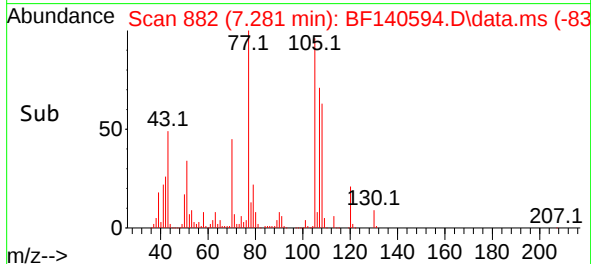
Tgt Ion: 70 Resp: 221858
Ion Ratio Lower Upper
70 100
42 58.3 47.6 71.4
101 10.0 7.6 11.4
130 20.2 16.2 24.4

Manual Integrations

APPROVED

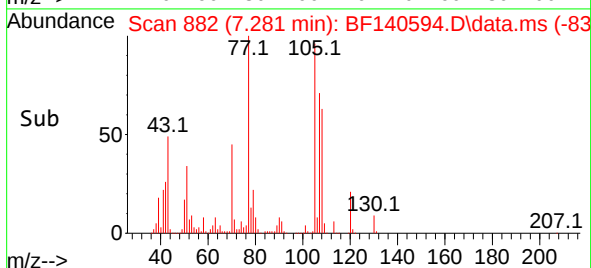
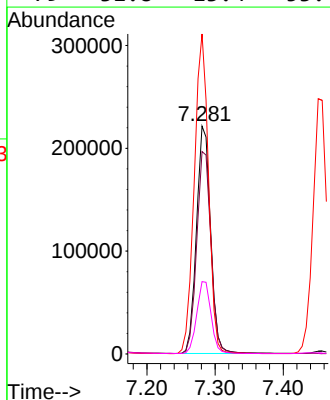
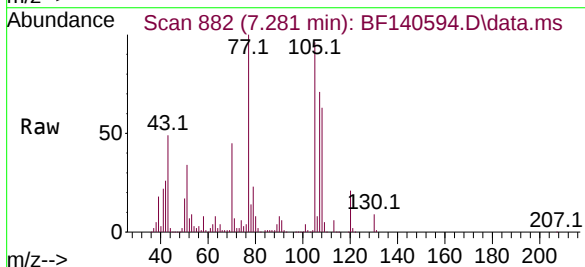
Reviewed By :Yogesh Patel 11/27/2024

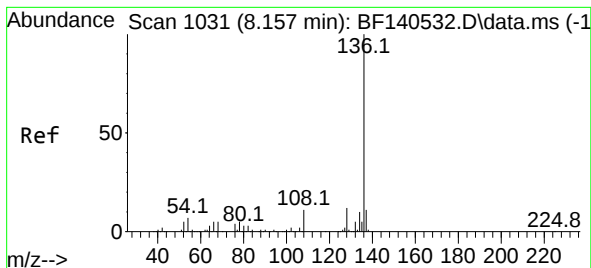
Supervised By :mohammad ahmed 11/27/2024



#20
3+4-Methylphenols
Concen: 51.386 ng
RT: 7.281 min Scan# 882
Delta R.T. -0.006 min
Lab File: BF140594.D
Acq: 25 Nov 2024 11:17

Tgt Ion:107 Resp: 318248
Ion Ratio Lower Upper
107 100
108 88.8 69.9 109.9
77 140.5 117.7 157.7
79 31.8 13.4 53.4





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.151 min Scan# 1031

Delta R.T. -0.006 min

Lab File: BF140594.D

Acq: 25 Nov 2024 11:17

Instrument :

BNA_F

ClientSampleId :

PB165086BS

Tgt Ion:136 Resp: 36043

Ion Ratio Lower Upper

136 100

137 11.1 8.6 13.0

54 7.2 5.8 8.8

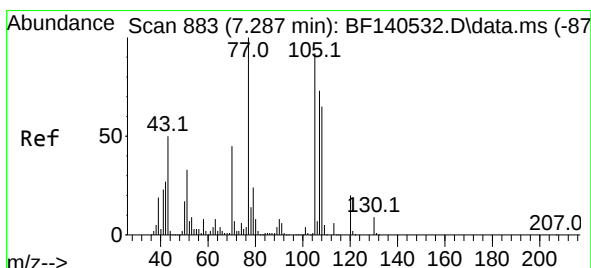
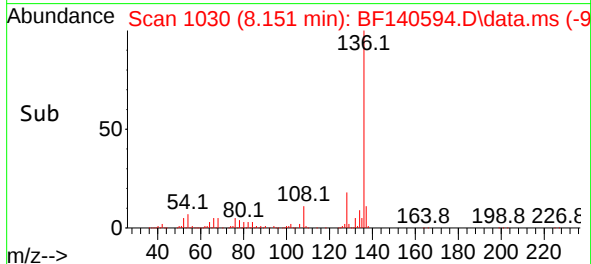
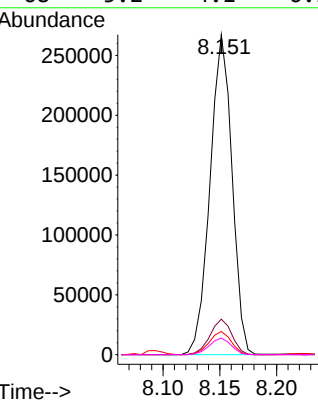
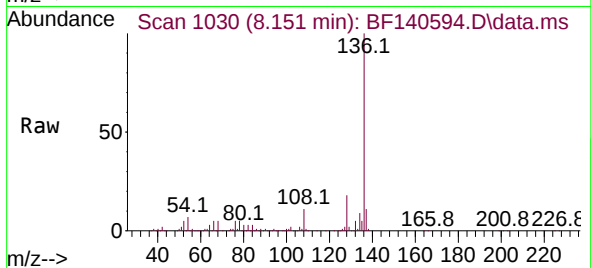
68 5.2 4.1 6.1

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 11/27/2024

Supervised By :mohammad ahmed 11/27/2024



#22

Acetophenone

Concen: 48.844 ng

RT: 7.281 min Scan# 882

Delta R.T. -0.006 min

Lab File: BF140594.D

Acq: 25 Nov 2024 11:17

Tgt Ion:105 Resp: 429201

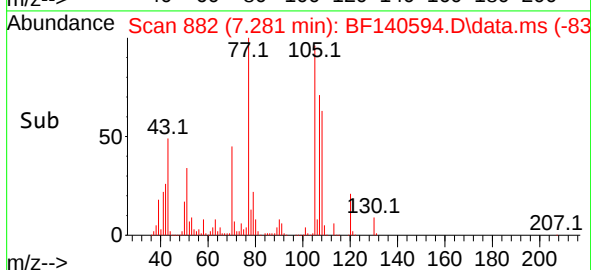
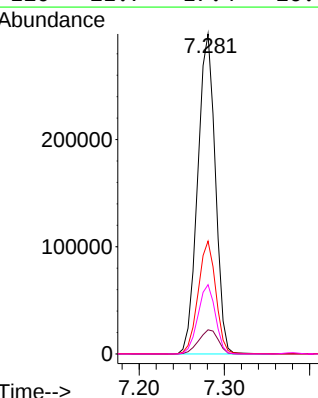
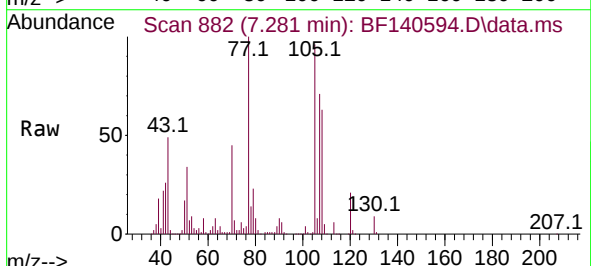
Ion Ratio Lower Upper

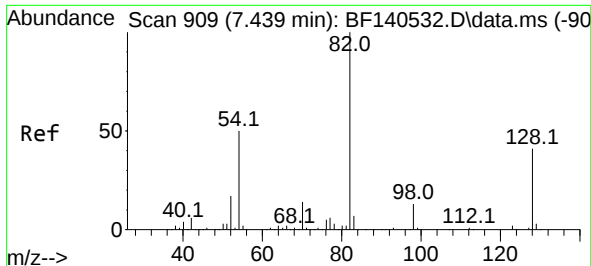
105 100

71 7.5 6.2 9.2

51 35.2 29.0 43.6

120 21.7 17.4 26.0





#23

Nitrobenzene-d5

Concen: 95.799 ng

RT: 7.434 min Scan# 909

Delta R.T. -0.006 min

Lab File: BF140594.D

Acq: 25 Nov 2024 11:17

Instrument :

BNA_F

ClientSampleId :

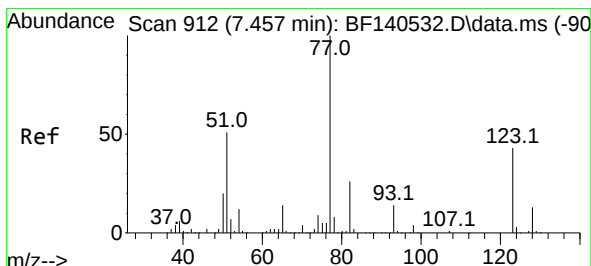
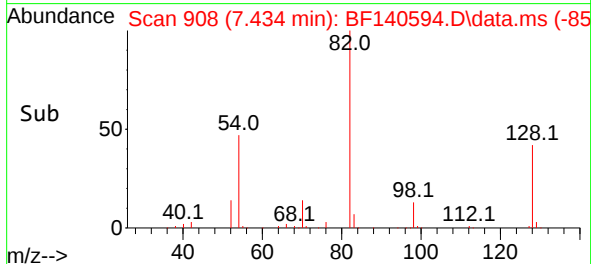
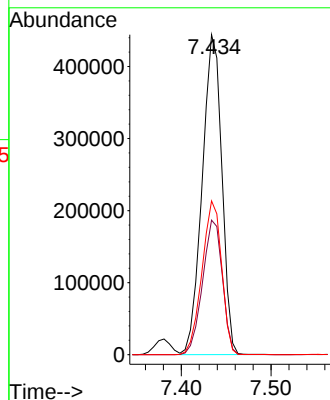
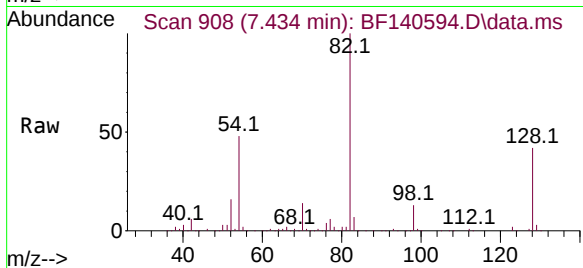
PB165086BS

Tgt Ion: 82 Resp: 67505
 Ion Ratio Lower Upper
 82 100
 128 42.0 33.0 49.4
 54 48.0 39.5 59.3

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 11/27/2024
 Supervised By :mohammad ahmed 11/27/2024



#24

Nitrobenzene

Concen: 47.041 ng

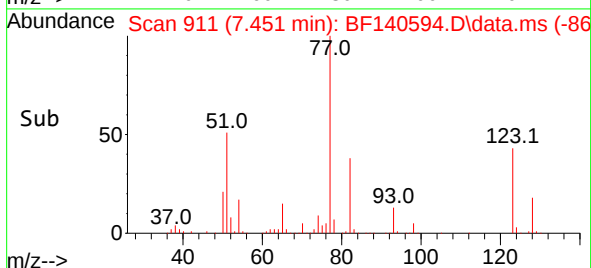
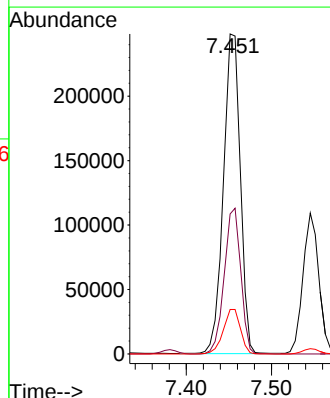
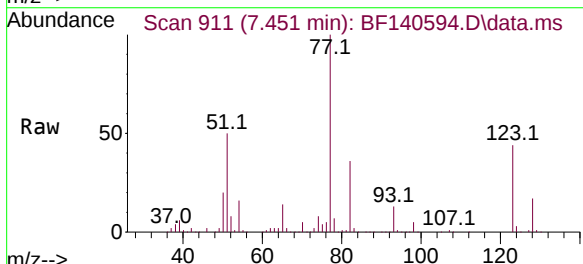
RT: 7.451 min Scan# 911

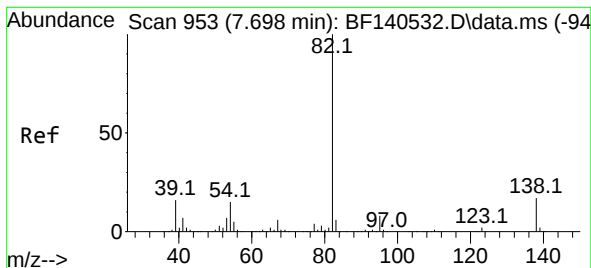
Delta R.T. -0.006 min

Lab File: BF140594.D

Acq: 25 Nov 2024 11:17

Tgt Ion: 77 Resp: 342592
 Ion Ratio Lower Upper
 77 100
 123 43.8 34.3 51.5
 65 13.9 11.2 16.8





#25

Isophorone

Concen: 52.154 ng

RT: 7.692 min Scan# 91

Delta R.T. -0.006 min

Lab File: BF140594.D

Acq: 25 Nov 2024 11:17

Instrument :

BNA_F

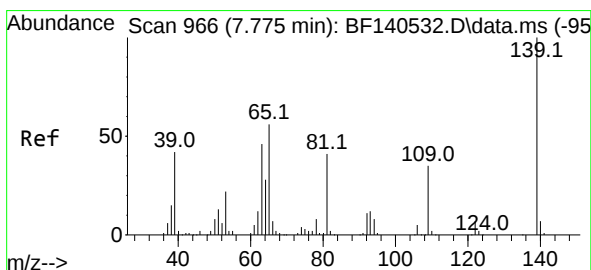
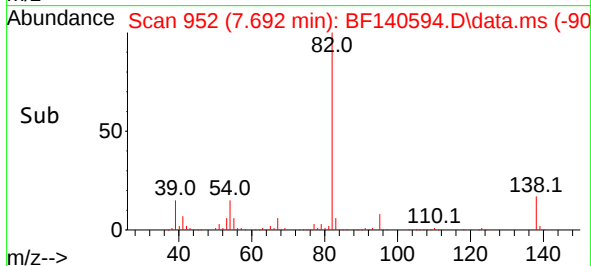
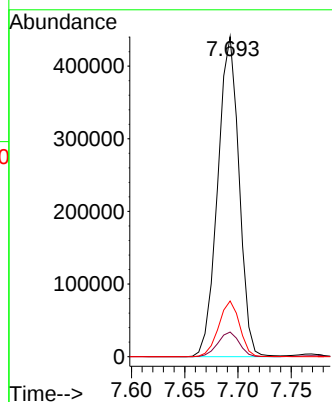
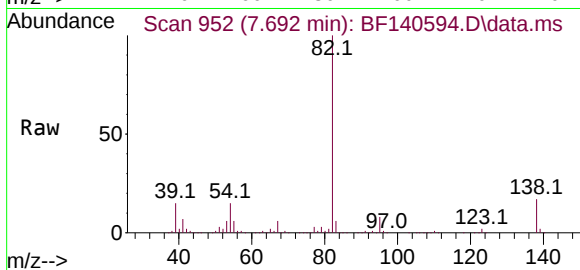
ClientSampleId :

PB165086BS

Tgt Ion: 82 Resp: 612974
 Ion Ratio Lower Upper
 82 100
 95 7.7 6.4 9.6
 138 17.4 13.8 20.6

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 11/27/2024
 Supervised By :mohammad ahmed 11/27/2024



#26

2-Nitrophenol

Concen: 52.330 ng

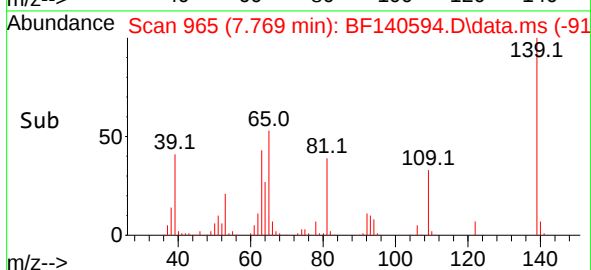
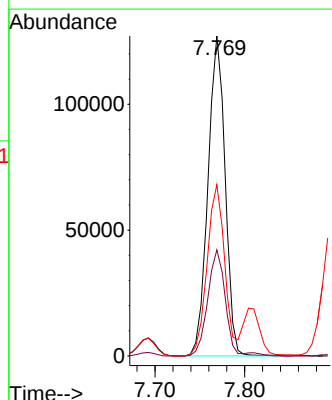
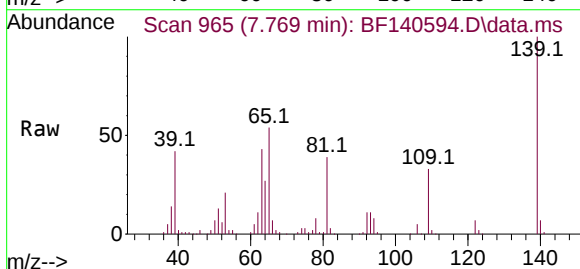
RT: 7.769 min Scan# 965

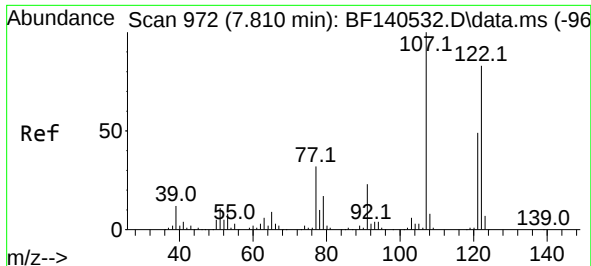
Delta R.T. -0.006 min

Lab File: BF140594.D

Acq: 25 Nov 2024 11:17

Tgt Ion:139 Resp: 168892
 Ion Ratio Lower Upper
 139 100
 109 33.1 28.0 42.0
 65 53.5 44.6 67.0





#27
2,4-Dimethylphenol
Concen: 66.019 ng
RT: 7.810 min Scan# 91
Delta R.T. 0.000 min
Lab File: BF140594.D
Acq: 25 Nov 2024 11:17

Instrument :

BNA_F

ClientSampleId :

PB165086BS

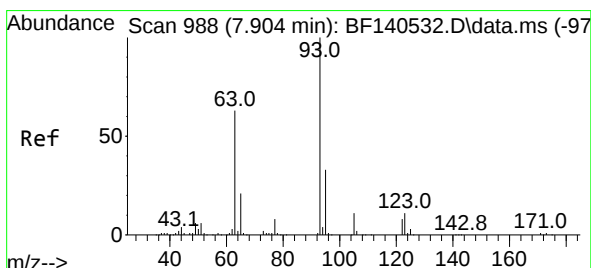
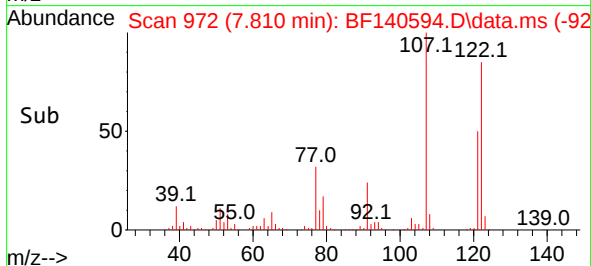
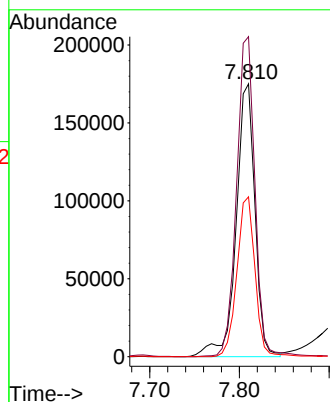
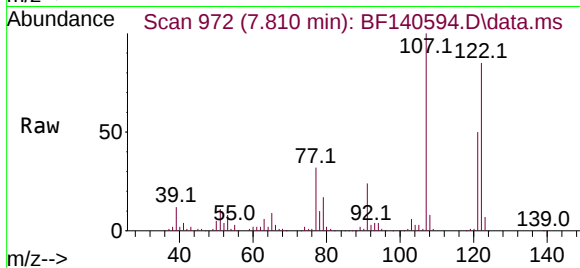
Tgt Ion:122 Resp: 25493
Ion Ratio Lower Upper
122 100
107 117.3 96.8 145.2
121 58.6 47.4 71.0

Manual Integrations

APPROVED

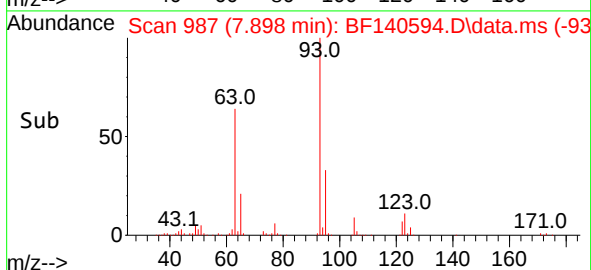
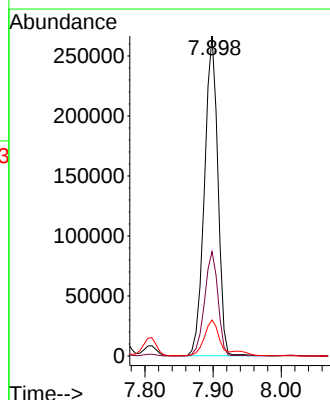
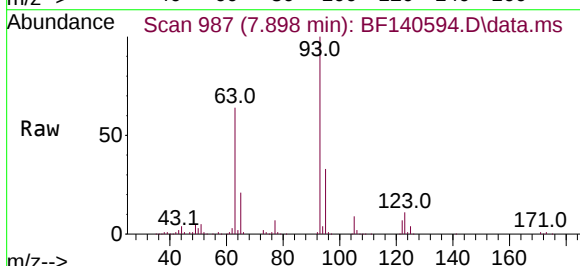
Reviewed By :Yogesh Patel 11/27/2024

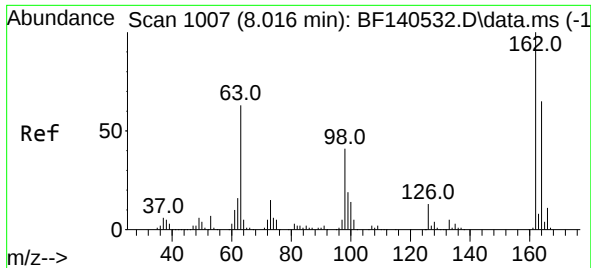
Supervised By :mohammad ahmed 11/27/2024



#28
bis(2-Chloroethoxy)methane
Concen: 50.899 ng
RT: 7.898 min Scan# 987
Delta R.T. -0.006 min
Lab File: BF140594.D
Acq: 25 Nov 2024 11:17

Tgt Ion: 93 Resp: 364440
Ion Ratio Lower Upper
93 100
95 32.6 26.1 39.1
123 11.3 9.1 13.7





#29

2,4-Dichlorophenol

Concen: 51.328 ng

RT: 8.016 min Scan# 1007

Delta R.T. 0.000 min

Lab File: BF140594.D

Acq: 25 Nov 2024 11:17

Instrument :

BNA_F

ClientSampleId :

PB165086BS

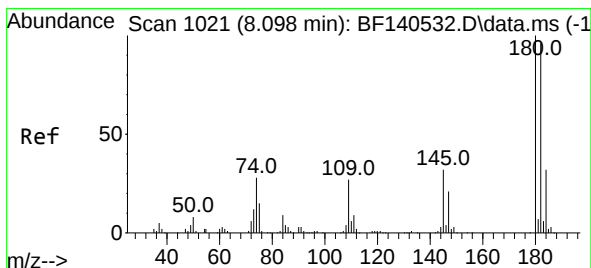
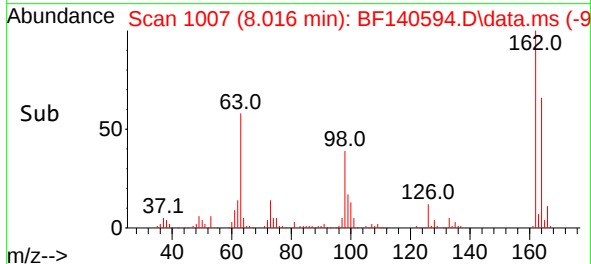
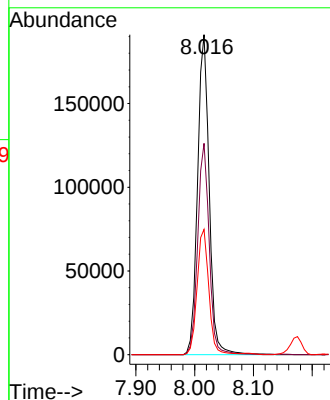
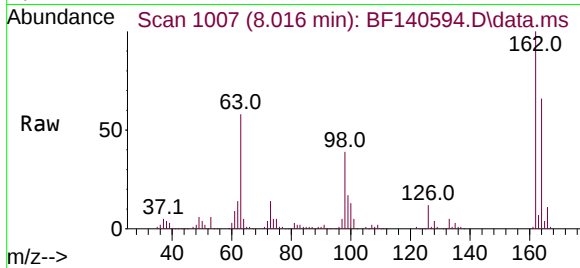
Tgt Ion:162	Resp: 262630
Ion Ratio	Lower Upper
162 100	
164 66.1	44.8 84.8
98 39.1	21.2 61.2

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 11/27/2024

Supervised By :mohammad ahmed 11/27/2024



#30

1,2,4-Trichlorobenzene

Concen: 47.130 ng

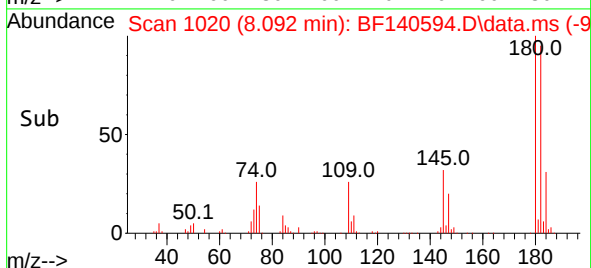
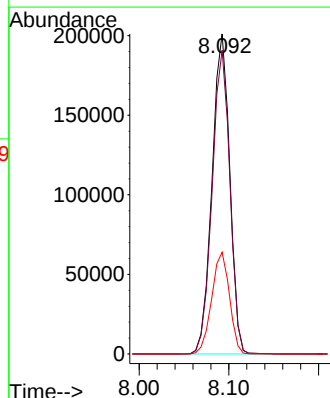
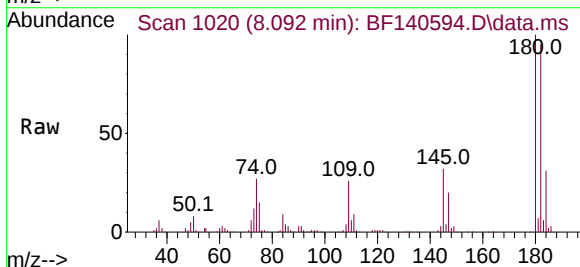
RT: 8.092 min Scan# 1020

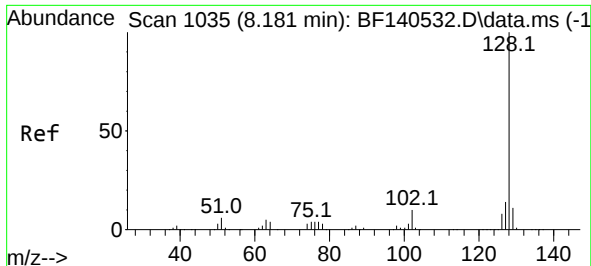
Delta R.T. -0.006 min

Lab File: BF140594.D

Acq: 25 Nov 2024 11:17

Tgt Ion:180	Resp: 275345
Ion Ratio	Lower Upper
180 100	
182 94.9	76.4 114.6
145 31.8	25.9 38.9





#31
Naphthalene
Concen: 48.780 ng
RT: 8.175 min Scan# 1034
Delta R.T. -0.006 min
Lab File: BF140594.D
Acq: 25 Nov 2024 11:17

Instrument :

BNA_F

ClientSampleId :

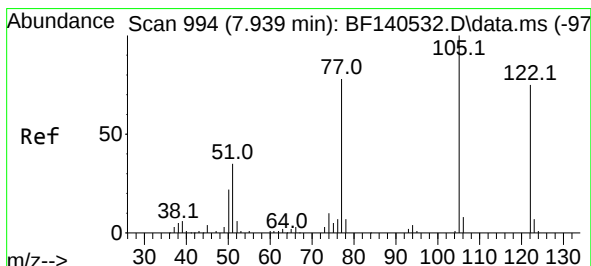
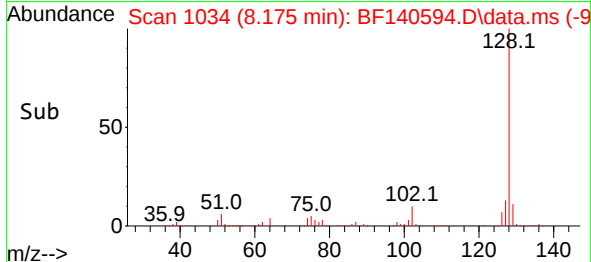
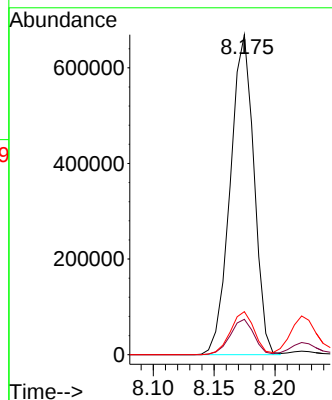
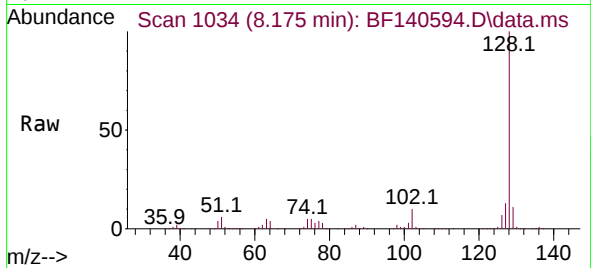
PB165086BS

Tgt Ion:128 Resp: 905620
Ion Ratio Lower Upper
128 100
129 11.0 8.6 13.0
127 13.5 10.8 16.2

Manual Integrations

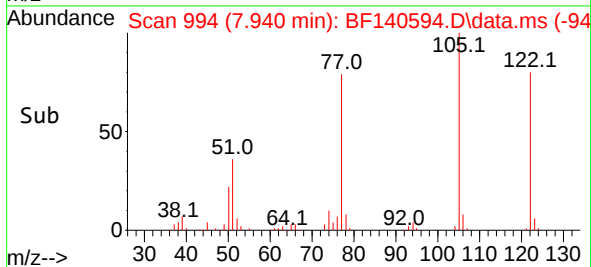
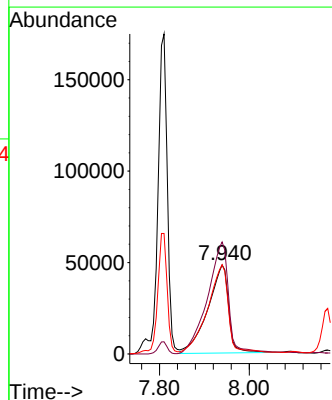
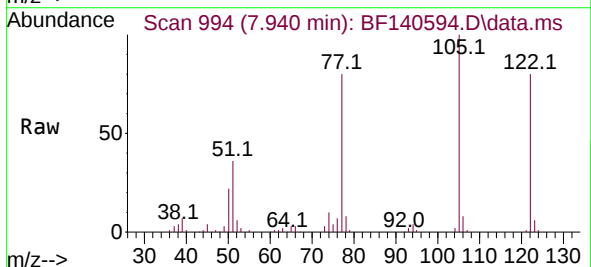
APPROVED

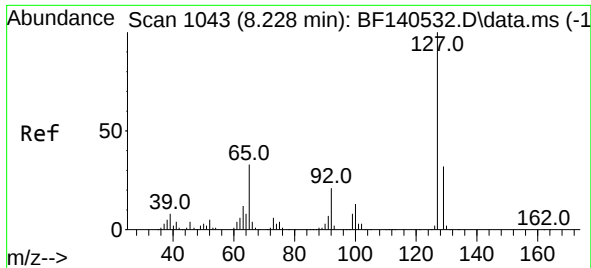
Reviewed By :Yogesh Patel 11/27/2024
Supervised By :mohammad ahmed 11/27/2024



#32
Benzoic acid
Concen: 46.395 ng
RT: 7.940 min Scan# 994
Delta R.T. 0.001 min
Lab File: BF140594.D
Acq: 25 Nov 2024 11:17

Tgt Ion:122 Resp: 154953
Ion Ratio Lower Upper
122 100
105 125.8 109.3 149.3
77 100.3 82.3 122.3





#33
4-Chloroaniline
Concen: 25.168 ng
RT: 8.222 min Scan# 1042
Delta R.T. -0.006 min
Lab File: BF140594.D
Acq: 25 Nov 2024 11:17

Instrument :

BNA_F

ClientSampleId :

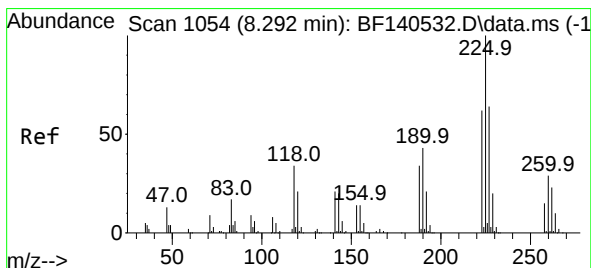
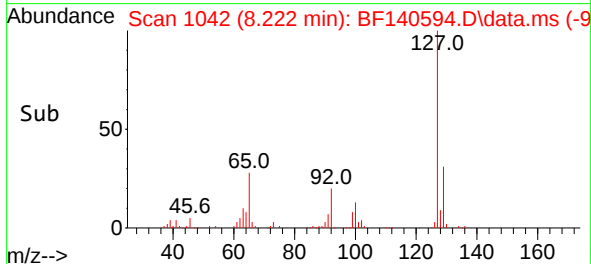
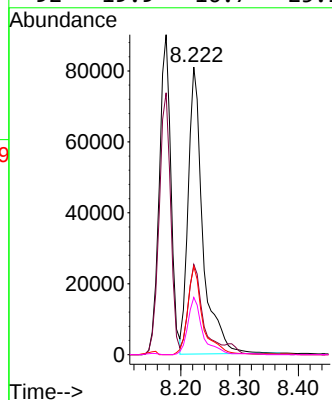
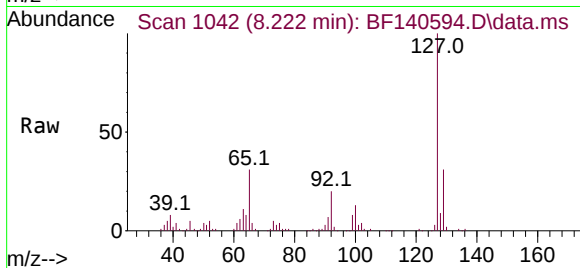
PB165086BS

Tgt Ion:127 Resp: 139898
Ion Ratio Lower Upper
127 100
129 31.4 26.0 39.0
65 30.7 26.0 39.0
92 19.9 16.7 25.1

Manual Integrations

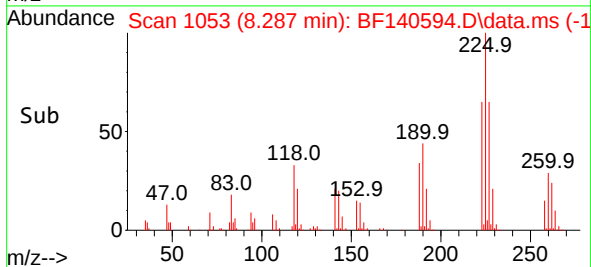
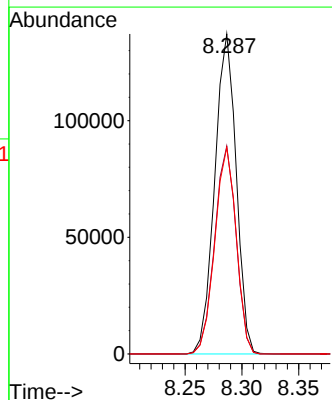
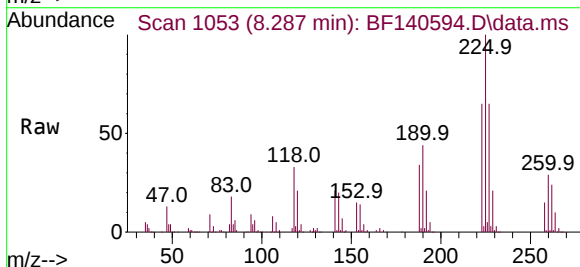
APPROVED

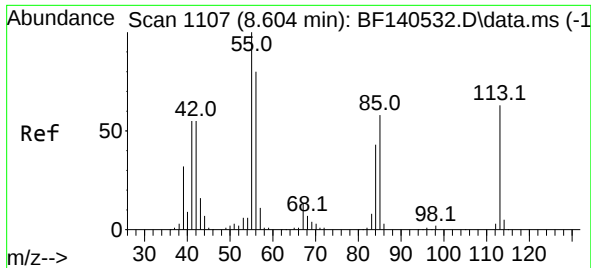
Reviewed By :Yogesh Patel 11/27/2024
Supervised By :mohammad ahmed 11/27/2024



#34
Hexachlorobutadiene
Concen: 46.653 ng
RT: 8.287 min Scan# 1053
Delta R.T. -0.006 min
Lab File: BF140594.D
Acq: 25 Nov 2024 11:17

Tgt Ion:225 Resp: 180530
Ion Ratio Lower Upper
225 100
223 65.0 49.8 74.8
227 64.5 51.3 76.9





#35
Caprolactam
Concen: 49.406 ng m
RT: 8.598 min Scan# 1106
Delta R.T. -0.006 min
Lab File: BF140594.D
Acq: 25 Nov 2024 11:17

Instrument :

BNA_F

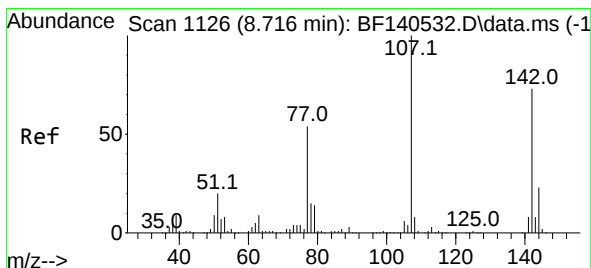
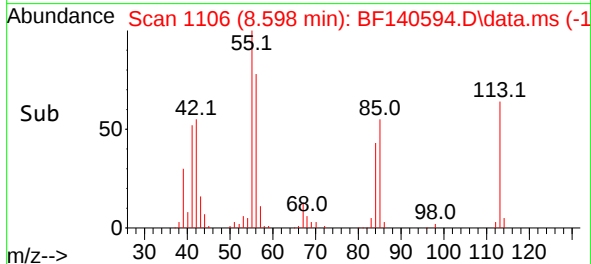
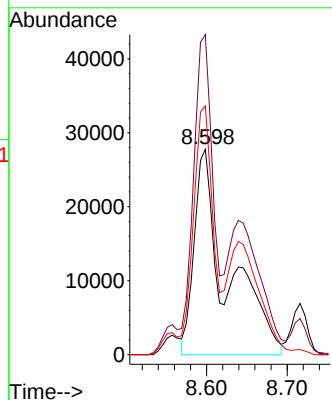
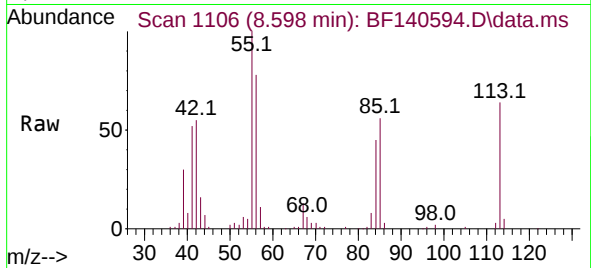
ClientSampleId :

PB165086BS

Tgt Ion:113 Resp: 78235
Ion Ratio Lower Upper
113 100
55 155.7 137.7 177.7
56 121.1 106.4 146.4

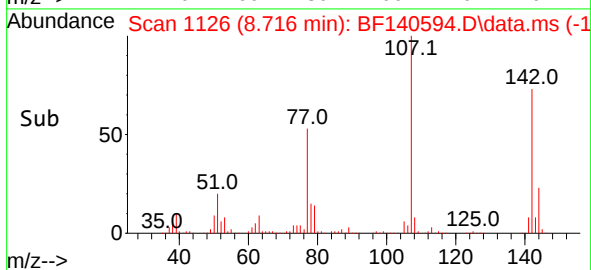
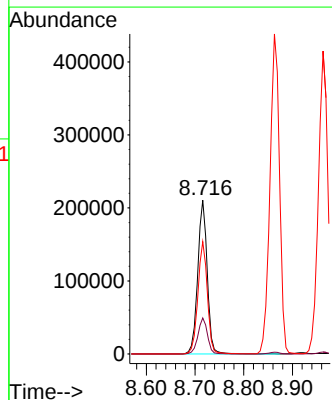
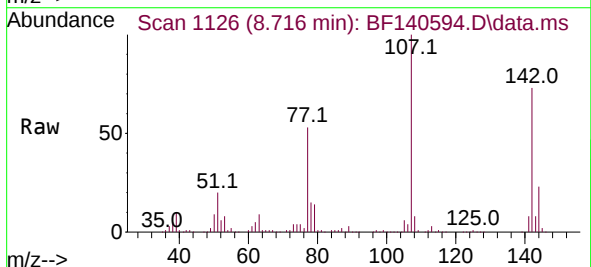
Manual Integrations
APPROVED

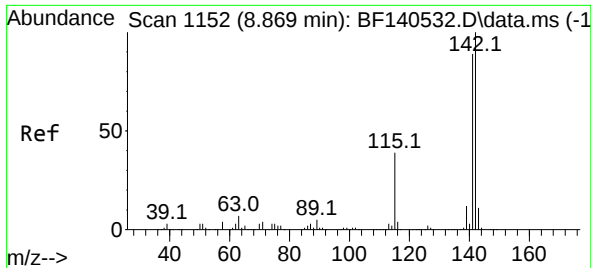
Reviewed By :Yogesh Patel 11/27/2024
Supervised By :mohammad ahmed 11/27/2024



#36
4-Chloro-3-methylphenol
Concen: 50.047 ng
RT: 8.716 min Scan# 1126
Delta R.T. 0.000 min
Lab File: BF140594.D
Acq: 25 Nov 2024 11:17

Tgt Ion:107 Resp: 286716
Ion Ratio Lower Upper
107 100
144 23.4 18.7 28.1
142 73.0 58.3 87.5





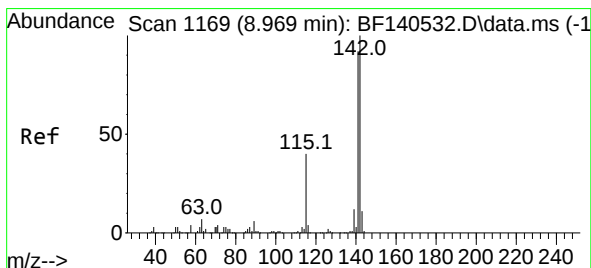
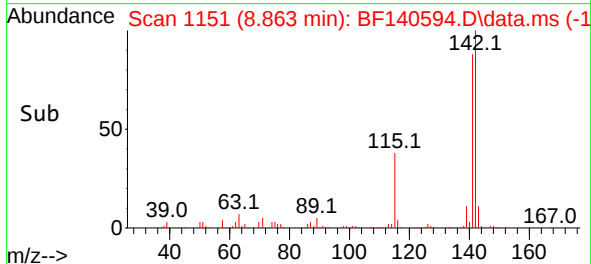
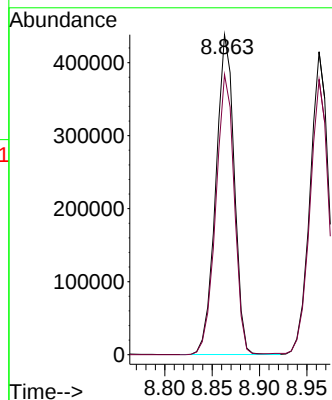
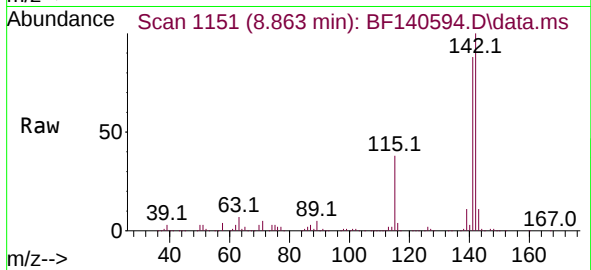
#37
2-Methylnaphthalene
Concen: 50.306 ng
RT: 8.863 min Scan# 1151
Delta R.T. -0.006 min
Lab File: BF140594.D
Acq: 25 Nov 2024 11:17

Instrument :
BNA_F
ClientSampleId :
PB165086BS

Tgt Ion:142 Resp: 593210
Ion Ratio Lower Upper
142 100
141 87.6 71.0 106.6

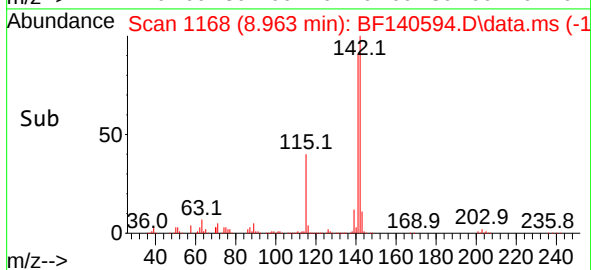
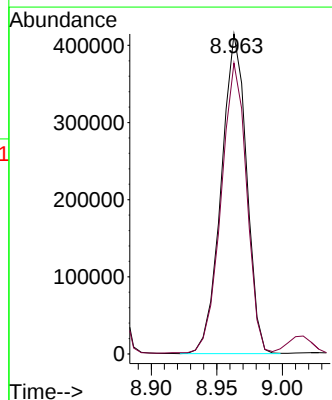
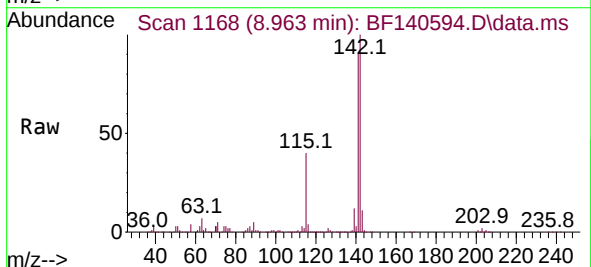
Manual Integrations
APPROVED

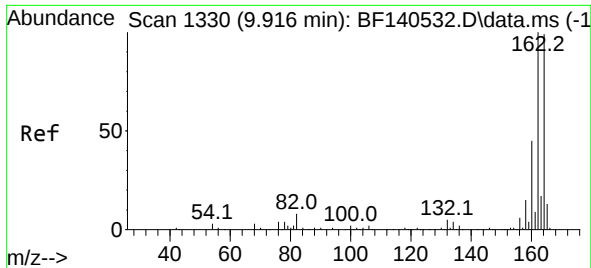
Reviewed By :Yogesh Patel 11/27/2024
Supervised By :mohammad ahmed 11/27/2024



#38
1-Methylnaphthalene
Concen: 48.120 ng
RT: 8.963 min Scan# 1168
Delta R.T. -0.006 min
Lab File: BF140594.D
Acq: 25 Nov 2024 11:17

Tgt Ion:142 Resp: 556200
Ion Ratio Lower Upper
142 100
141 90.9 73.3 109.9





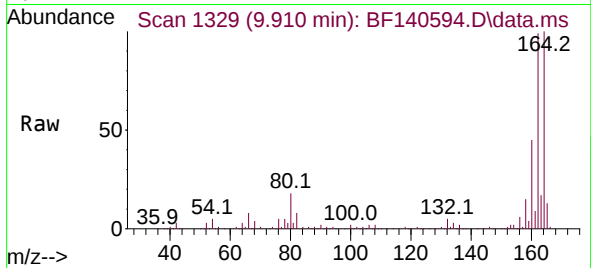
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.910 min Scan# 1180
Delta R.T. -0.006 min
Lab File: BF140594.D
Acq: 25 Nov 2024 11:17

Instrument :

BNA_F

ClientSampleId :

PB165086BS



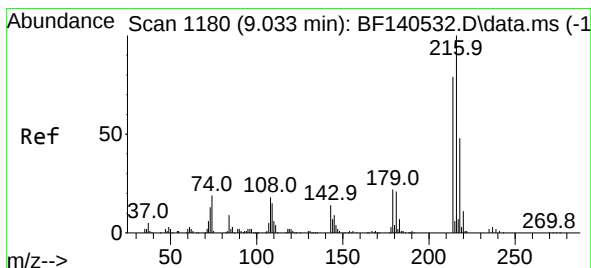
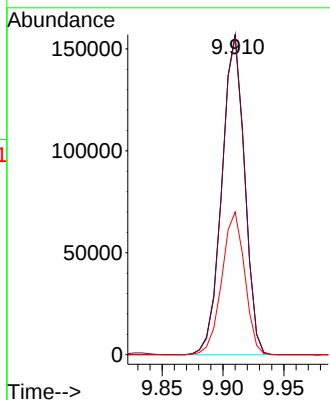
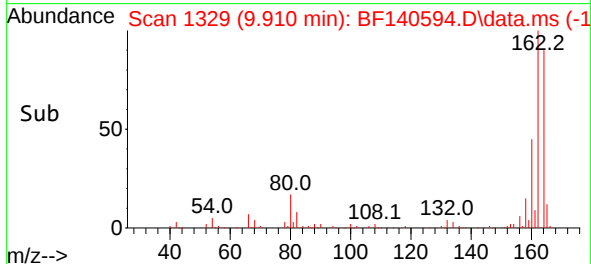
Tgt Ion:164 Resp: 204239
Ion Ratio Lower Upper
164 100
162 99.1 80.6 120.8
160 44.6 36.2 54.4

Manual Integrations

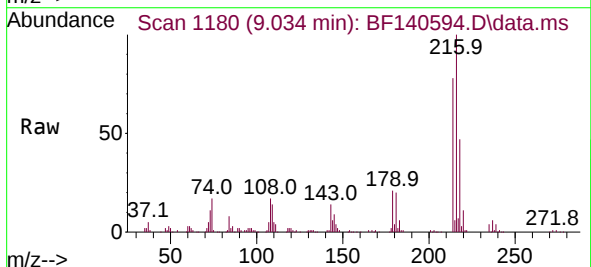
APPROVED

Reviewed By :Yogesh Patel 11/27/2024

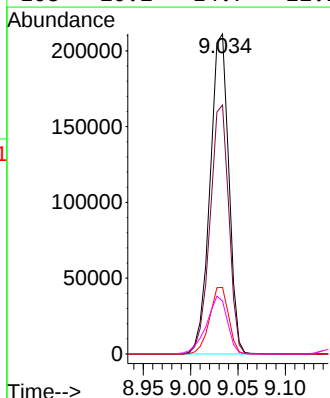
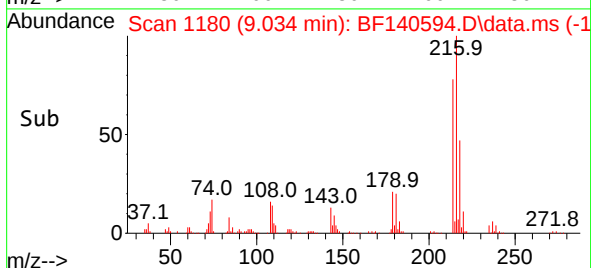
Supervised By :mohammad ahmed 11/27/2024

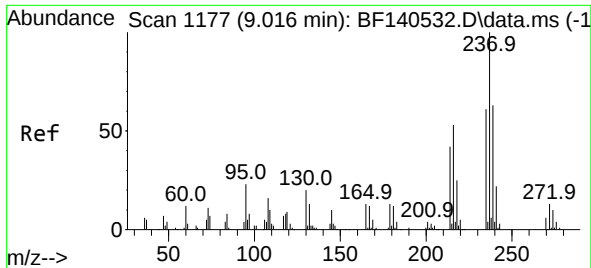


#40
1,2,4,5-Tetrachlorobenzene
Concen: 48.496 ng
RT: 9.034 min Scan# 1180
Delta R.T. 0.000 min
Lab File: BF140594.D
Acq: 25 Nov 2024 11:17



Tgt Ion:216 Resp: 289964
Ion Ratio Lower Upper
216 100
214 78.0 63.0 94.4
179 21.1 17.5 26.3
108 20.2 14.7 22.1





#41
Hexachlorocyclopentadiene
Concen: 185.676 ng
RT: 9.016 min Scan# 1177
Delta R.T. -0.000 min
Lab File: BF140594.D
Acq: 25 Nov 2024 11:17

Instrument :

BNA_F

ClientSampleId :

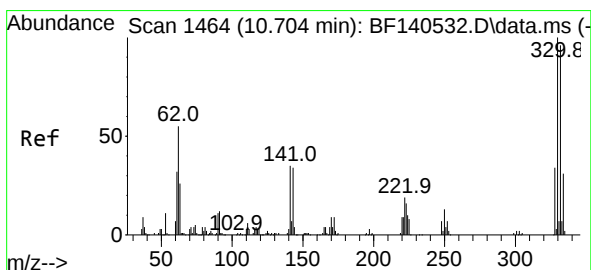
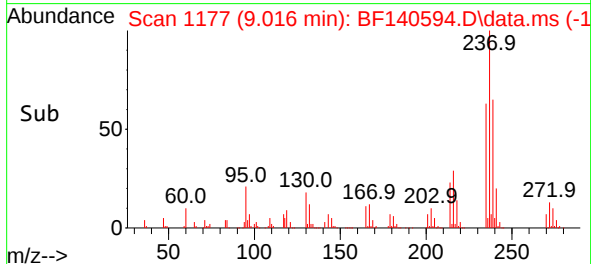
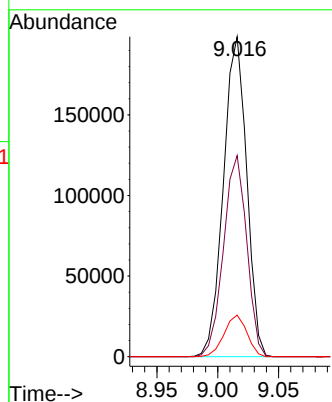
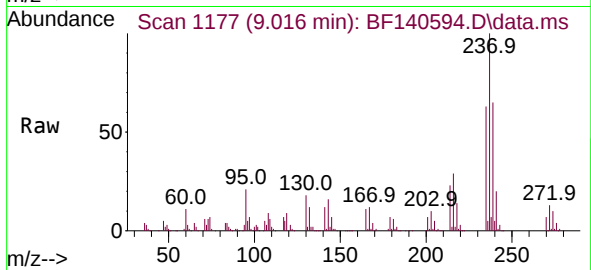
PB165086BS

Tgt Ion:237 Resp: 263780
Ion Ratio Lower Upper
237 100
235 62.8 41.1 81.1
272 13.0 0.0 32.6

Manual Integrations

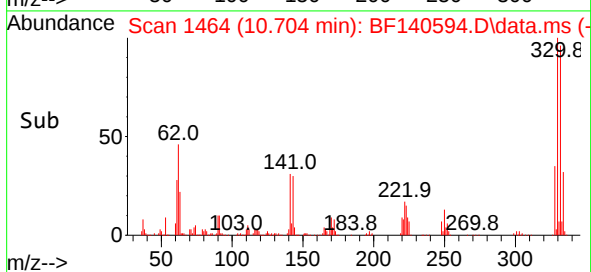
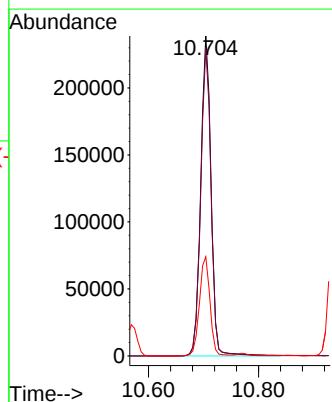
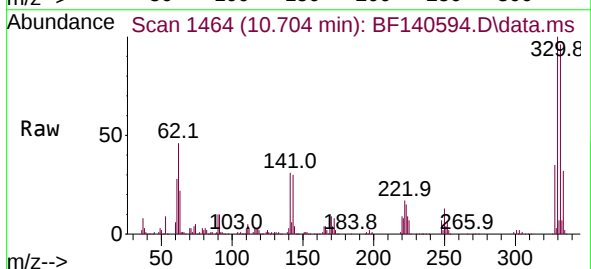
APPROVED

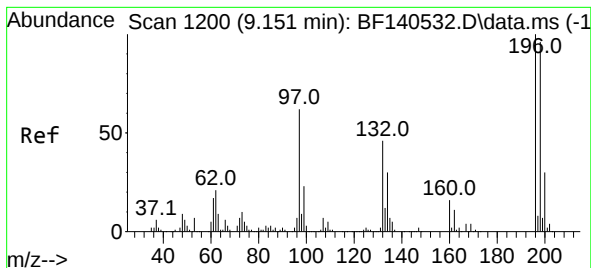
Reviewed By :Yogesh Patel 11/27/2024
Supervised By :mohammad ahmed 11/27/2024



#42
2,4,6-Tribromophenol
Concen: 143.100 ng
RT: 10.704 min Scan# 1464
Delta R.T. 0.000 min
Lab File: BF140594.D
Acq: 25 Nov 2024 11:17

Tgt Ion:330 Resp: 312581
Ion Ratio Lower Upper
330 100
332 96.0 76.9 115.3
141 31.7 26.7 40.1





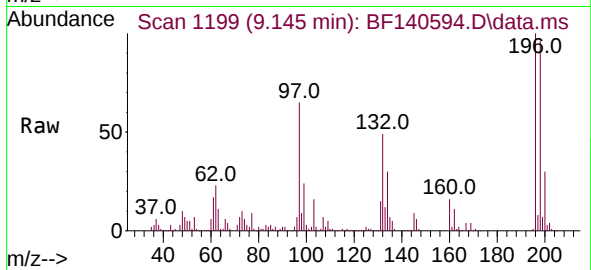
#43
2,4,6-Trichlorophenol
Concen: 49.557 ng
RT: 9.145 min Scan# 1199
Delta R.T. -0.006 min
Lab File: BF140594.D
Acq: 25 Nov 2024 11:17

Instrument :

BNA_F

ClientSampleId :

PB165086BS

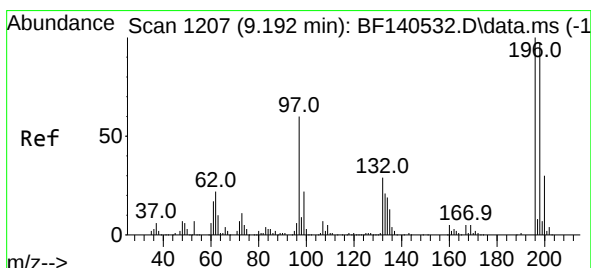
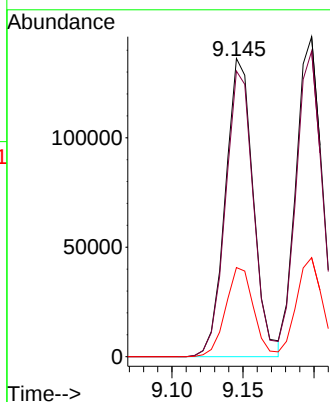
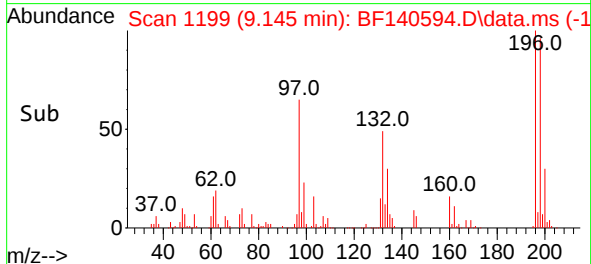


Tgt Ion:196 Resp: 185930
Ion Ratio Lower Upper
196 100
198 95.7 76.8 115.2
200 29.9 24.3 36.5

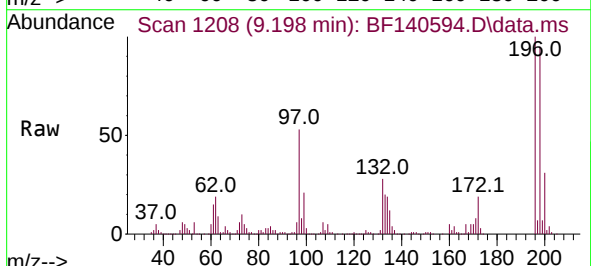
Manual Integrations

APPROVED

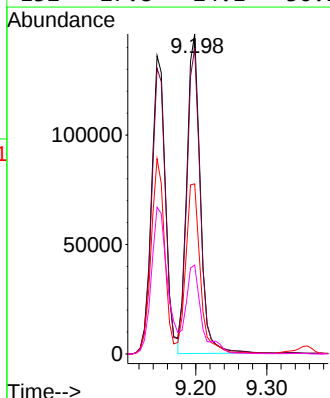
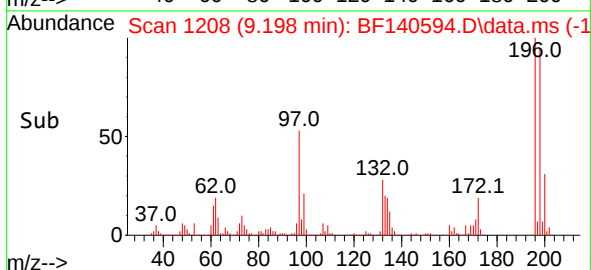
Reviewed By :Yogesh Patel 11/27/2024
Supervised By :mohammad ahmed 11/27/2024

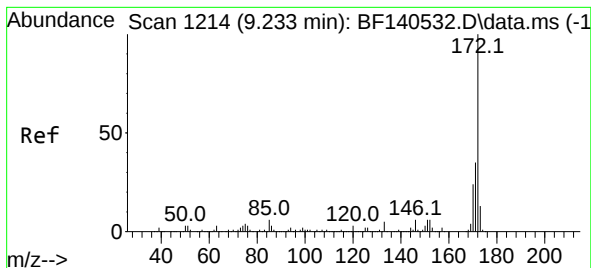


#44
2,4,5-Trichlorophenol
Concen: 47.421 ng
RT: 9.198 min Scan# 1208
Delta R.T. 0.006 min
Lab File: BF140594.D
Acq: 25 Nov 2024 11:17



Tgt Ion:196 Resp: 193087
Ion Ratio Lower Upper
196 100
198 95.5 77.2 115.8
97 53.1 47.1 70.7
132 27.8 24.1 36.1





#45

2-Fluorobiphenyl

Concen: 93.308 ng

RT: 9.228 min Scan# 11

Delta R.T. -0.006 min

Lab File: BF140594.D

Acq: 25 Nov 2024 11:17

Instrument :

BNA_F

ClientSampleId :

PB165086BS

Tgt Ion:172 Resp: 127904

Ion Ratio Lower Upper

172 100

171 35.5 28.4 42.6

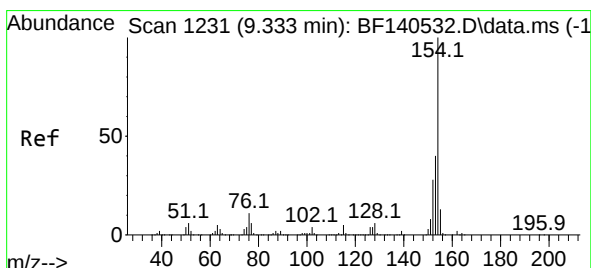
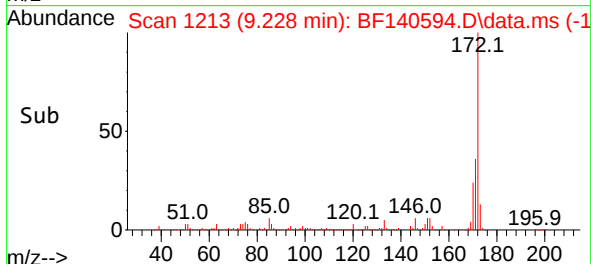
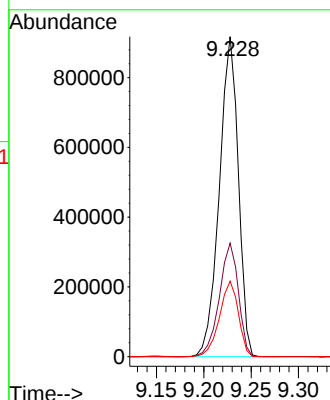
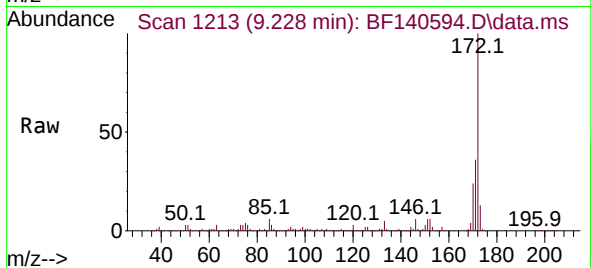
170 23.6 19.0 28.6

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 11/27/2024

Supervised By :mohammad ahmed 11/27/2024



#46

1,1'-Biphenyl

Concen: 48.479 ng

RT: 9.328 min Scan# 1230

Delta R.T. -0.006 min

Lab File: BF140594.D

Acq: 25 Nov 2024 11:17

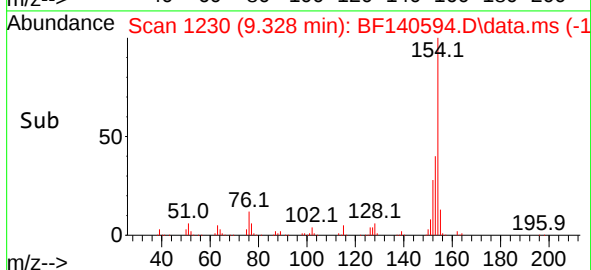
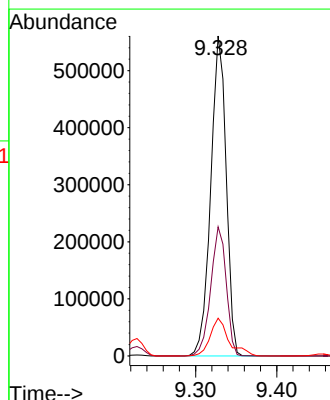
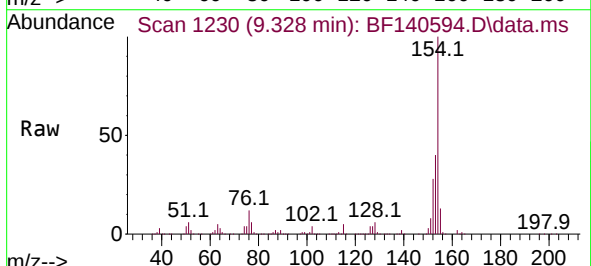
Tgt Ion:154 Resp: 739237

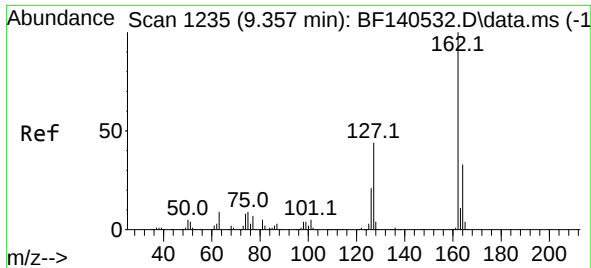
Ion Ratio Lower Upper

154 100

153 40.4 20.4 60.4

76 11.8 0.0 31.2





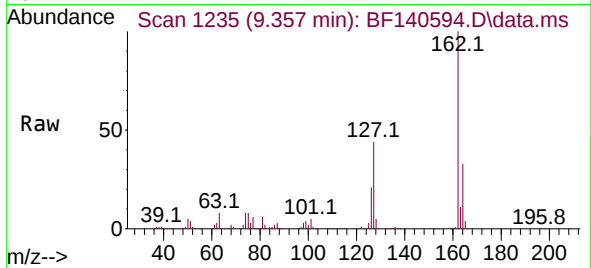
#47
2-Chloronaphthalene
Concen: 47.659 ng
RT: 9.357 min Scan# 1235
Delta R.T. 0.000 min
Lab File: BF140594.D
Acq: 25 Nov 2024 11:17

Instrument :

BNA_F

ClientSampleId :

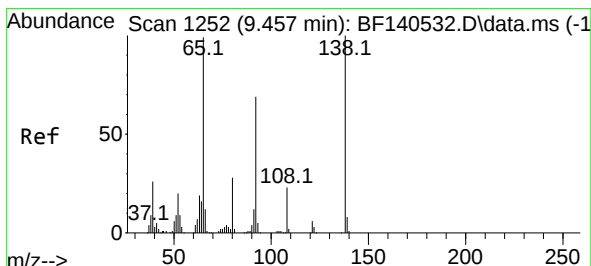
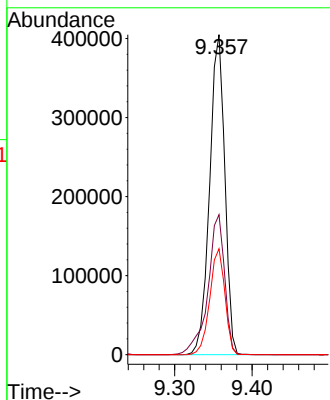
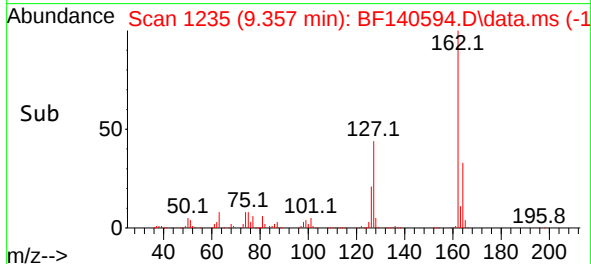
PB165086BS



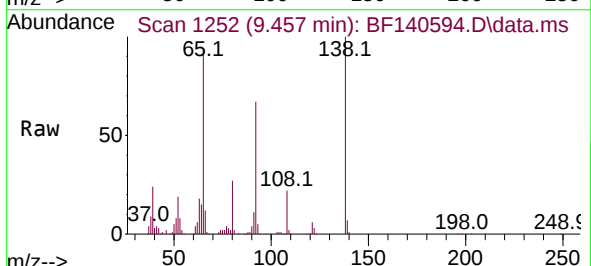
Tgt Ion:162 Resp: 55066
Ion Ratio Lower Upper
162 100
127 43.7 35.7 53.5
164 33.1 26.1 39.1

Manual Integrations
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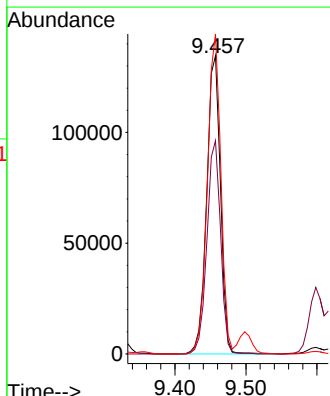
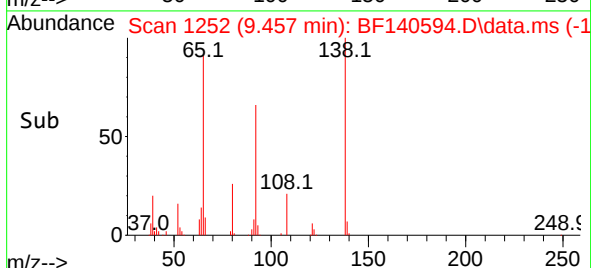
Reviewed By :Yogesh Patel 11/27/2024
Supervised By :mohammad ahmed 11/27/2024

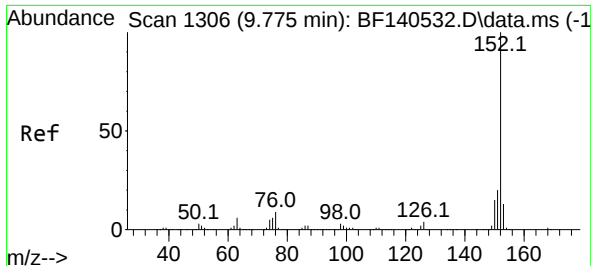


#48
2-Nitroaniline
Concen: 49.021 ng
RT: 9.457 min Scan# 1252
Delta R.T. 0.000 min
Lab File: BF140594.D
Acq: 25 Nov 2024 11:17



Tgt Ion: 65 Resp: 181803
Ion Ratio Lower Upper
65 100
92 71.5 56.1 84.1
138 107.3 81.0 121.6





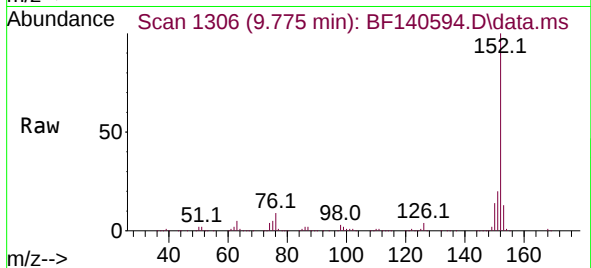
#49
Acenaphthylene
Concen: 52.369 ng
RT: 9.775 min Scan# 1306
Delta R.T. 0.000 min
Lab File: BF140594.D
Acq: 25 Nov 2024 11:17

Instrument :

BNA_F

ClientSampleId :

PB165086BS



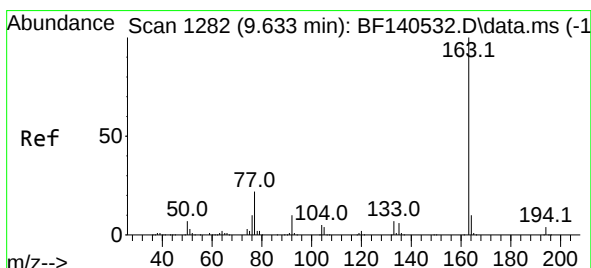
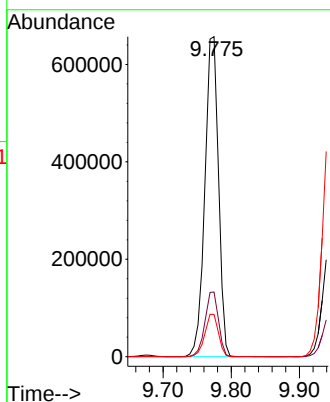
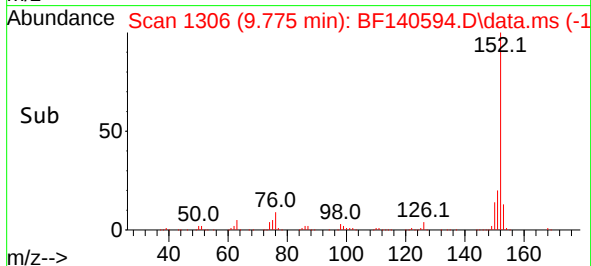
Tgt Ion:152 Resp: 914230
Ion Ratio Lower Upper
152 100
151 20.2 15.9 23.9
153 13.2 10.6 16.0

Manual Integrations

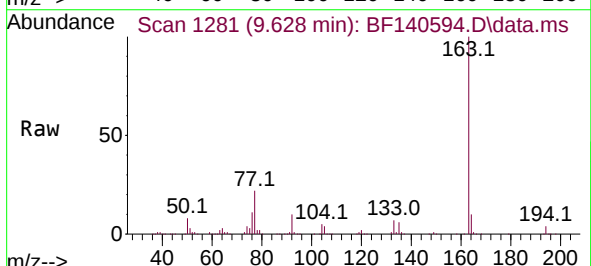
APPROVED

Reviewed By :Yogesh Patel 11/27/2024

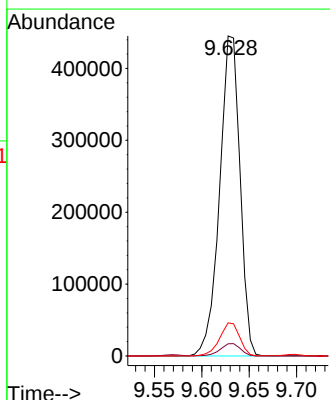
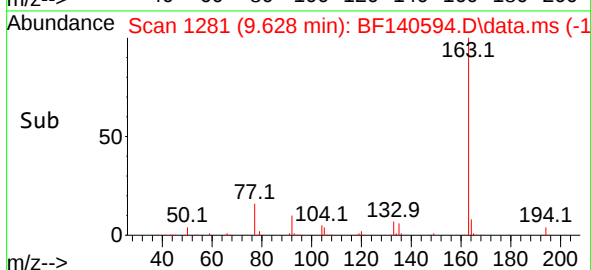
Supervised By :mohammad ahmed 11/27/2024

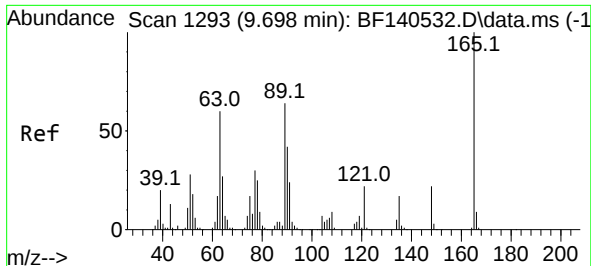


#50
Dimethylphthalate
Concen: 49.639 ng
RT: 9.628 min Scan# 1281
Delta R.T. -0.006 min
Lab File: BF140594.D
Acq: 25 Nov 2024 11:17



Tgt Ion:163 Resp: 667700
Ion Ratio Lower Upper
163 100
194 3.8 3.1 4.7
164 10.4 8.2 12.2





#51

2,6-Dinitrotoluene

Concen: 47.033 ng

RT: 9.698 min Scan# 1293

Delta R.T. 0.000 min

Lab File: BF140594.D

Acq: 25 Nov 2024 11:17

Instrument :

BNA_F

ClientSampleId :

PB165086BS

Tgt Ion:165 Resp: 14348

Ion Ratio Lower Upper

165 100

63 56.1 49.9 74.9

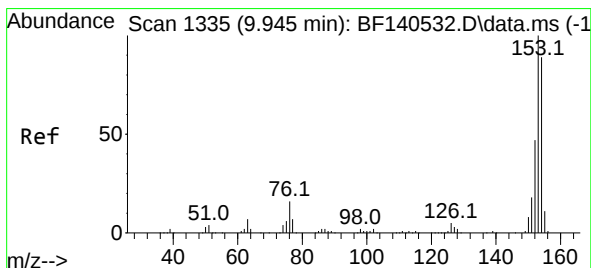
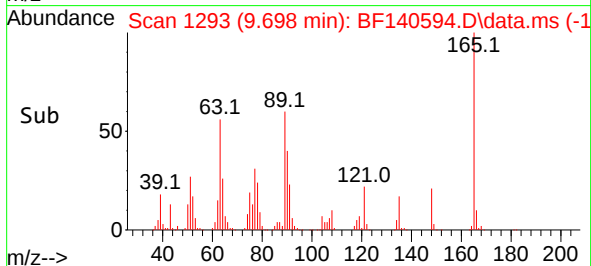
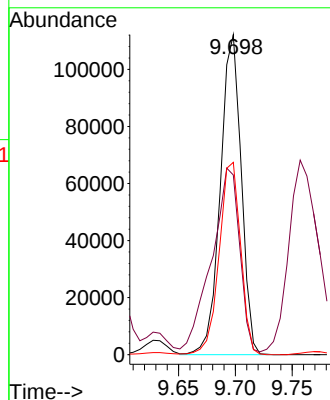
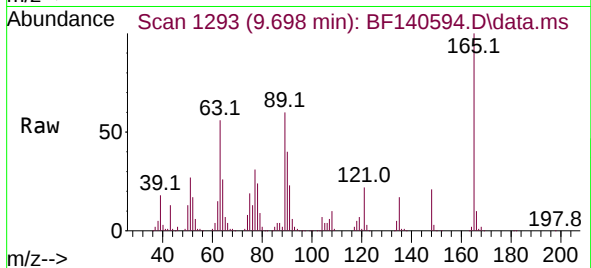
89 60.1 50.9 76.3

Manual Integrations

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Reviewed By :Yogesh Patel 11/27/2024

Supervised By :mohammad ahmed 11/27/2024



#52

Acenaphthene

Concen: 50.255 ng

RT: 9.945 min Scan# 1335

Delta R.T. 0.000 min

Lab File: BF140594.D

Acq: 25 Nov 2024 11:17

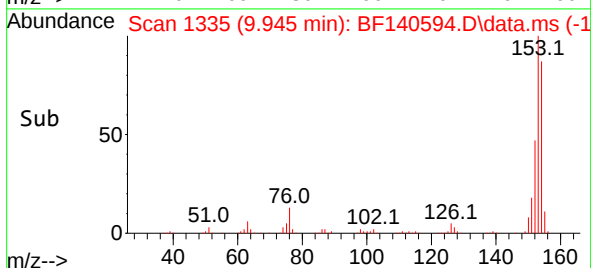
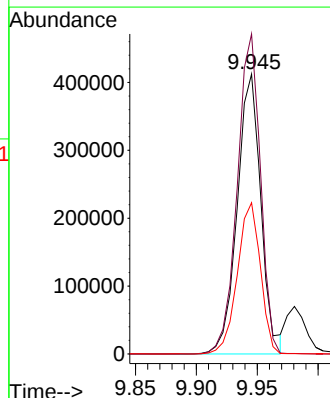
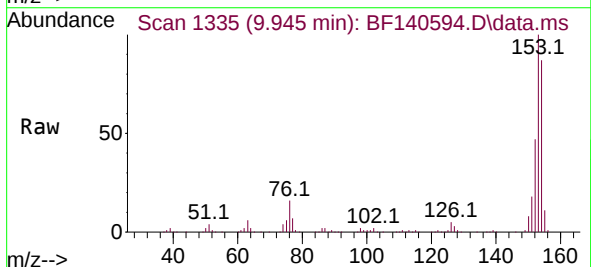
Tgt Ion:154 Resp: 557453

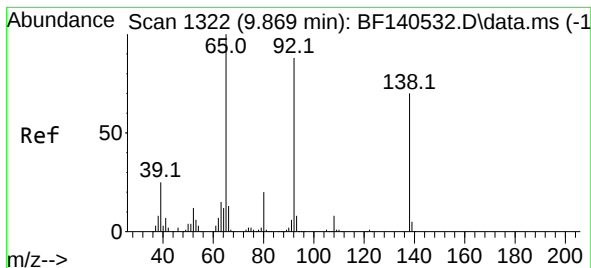
Ion Ratio Lower Upper

154 100

153 114.3 89.7 134.5

152 54.0 42.5 63.7





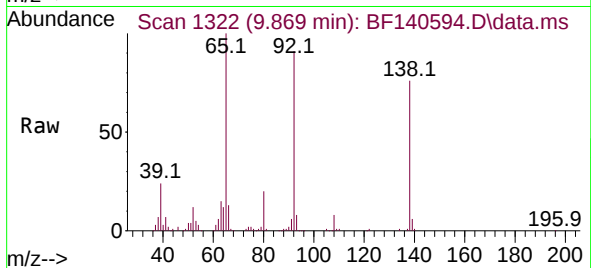
#53
3-Nitroaniline
Concen: 33.018 ng
RT: 9.869 min Scan# 1322
Delta R.T. 0.000 min
Lab File: BF140594.D
Acq: 25 Nov 2024 11:17

Instrument :

BNA_F

ClientSampleId :

PB165086BS



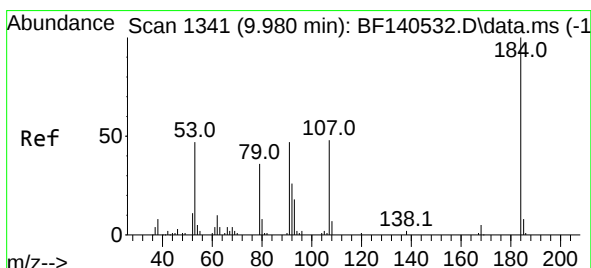
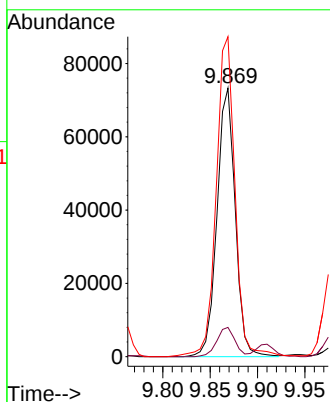
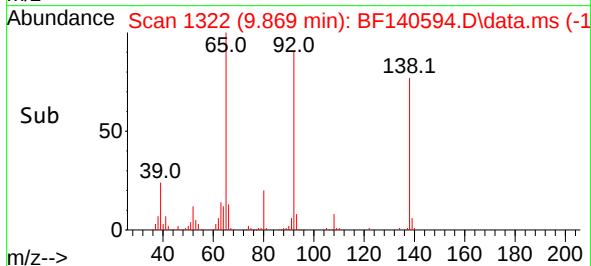
Tgt Ion:138 Resp: 9851
Ion Ratio Lower Upper
138 100
108 10.9 9.2 13.8
92 119.2 100.6 150.8

Manual Integrations

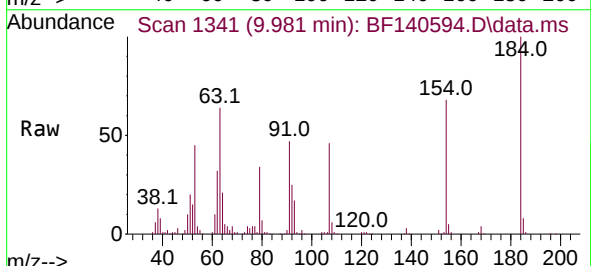
APPROVED

Reviewed By :Yogesh Patel 11/27/2024

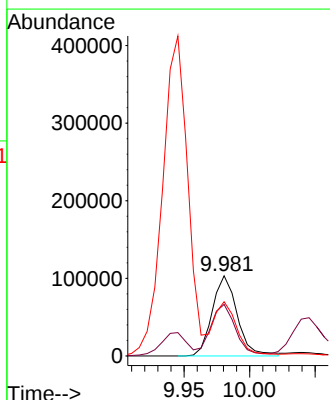
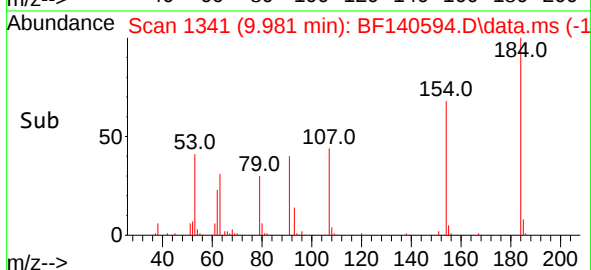
Supervised By :mohammad ahmed 11/27/2024

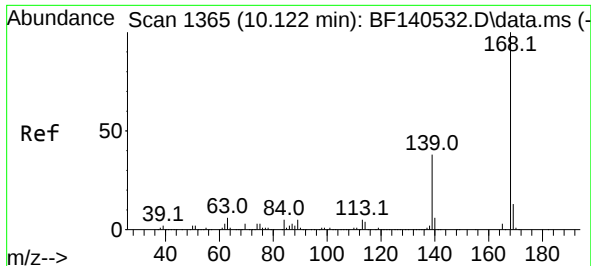


#54
2,4-Dinitrophenol
Concen: 86.212 ng
RT: 9.981 min Scan# 1341
Delta R.T. 0.001 min
Lab File: BF140594.D
Acq: 25 Nov 2024 11:17



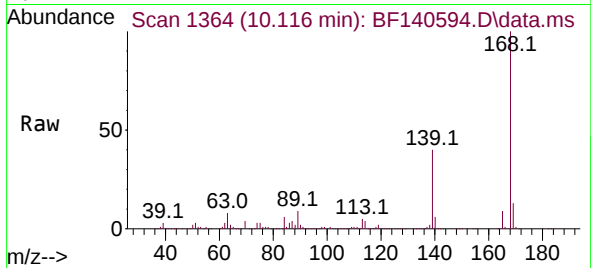
Tgt Ion:184 Resp: 137274
Ion Ratio Lower Upper
184 100
63 64.2 54.1 81.1
154 67.7 57.4 86.0





#55
Dibenzenofuran
Concen: 49.340 ng
RT: 10.116 min Scan# 1364
Delta R.T. -0.006 min
Lab File: BF140594.D
Acq: 25 Nov 2024 11:17

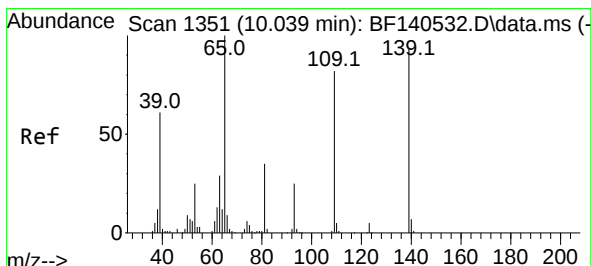
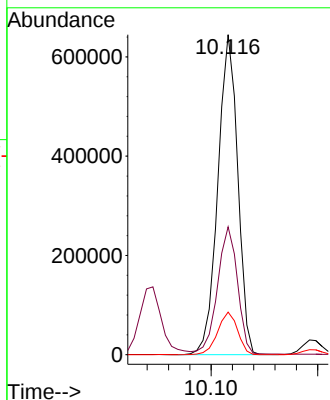
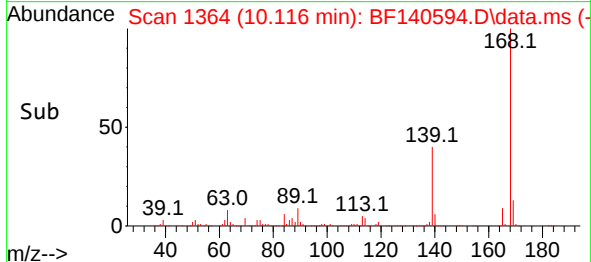
Instrument :
BNA_F
ClientSampleId :
PB165086BS



Tgt Ion:168 Resp: 834818
Ion Ratio Lower Upper
168 100
139 39.9 31.3 46.9
169 13.3 10.5 15.7

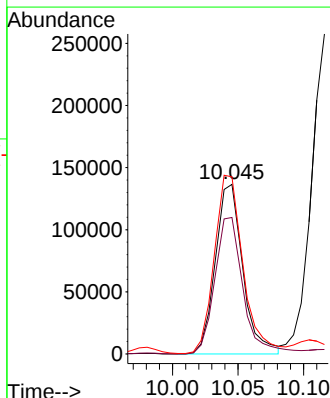
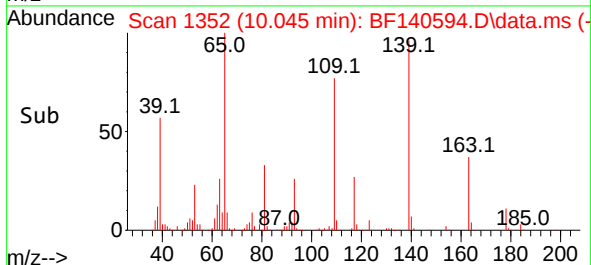
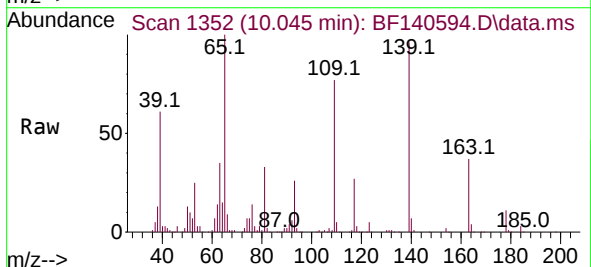
Manual Integrations
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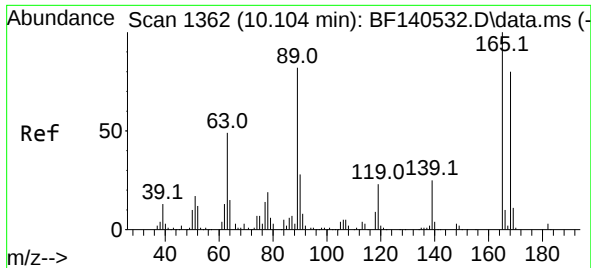
Reviewed By :Yogesh Patel 11/27/2024
Supervised By :mohammad ahmed 11/27/2024



#56
4-Nitrophenol
Concen: 97.917 ng
RT: 10.045 min Scan# 1352
Delta R.T. 0.006 min
Lab File: BF140594.D
Acq: 25 Nov 2024 11:17

Tgt Ion:139 Resp: 199246
Ion Ratio Lower Upper
139 100
109 80.5 68.4 108.4
65 104.4 88.6 128.6





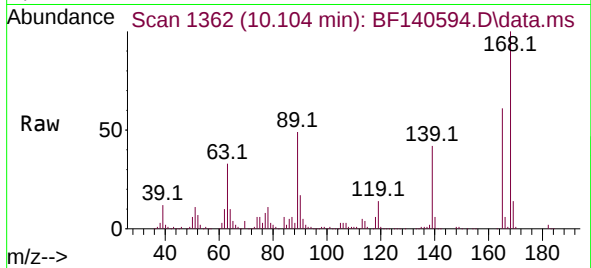
#57
2,4-Dinitrotoluene
Concen: 49.726 ng
RT: 10.104 min Scan# 1362
Delta R.T. 0.000 min
Lab File: BF140594.D
Acq: 25 Nov 2024 11:17

Instrument :

BNA_F

ClientSampleId :

PB165086BS



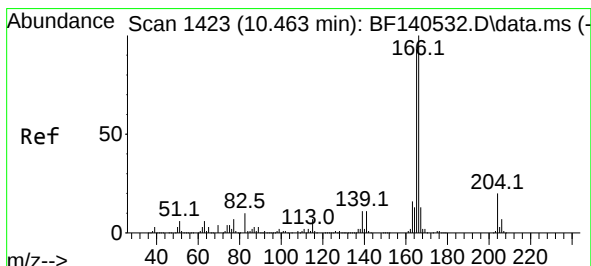
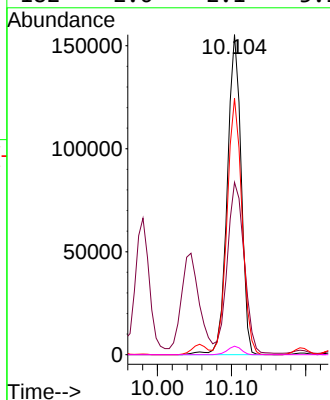
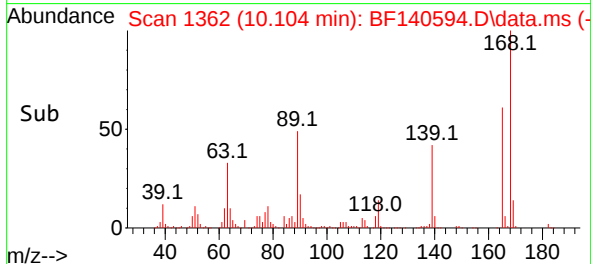
Tgt Ion:165 Resp: 20160
Ion Ratio Lower Upper
165 100
63 53.9 41.7 62.5
89 80.1 65.8 98.8
182 2.6 2.1 3.1

Manual Integrations

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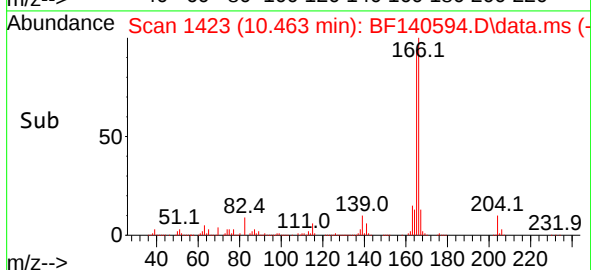
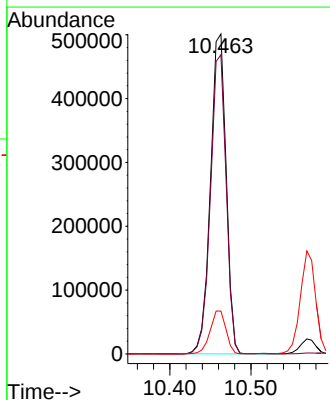
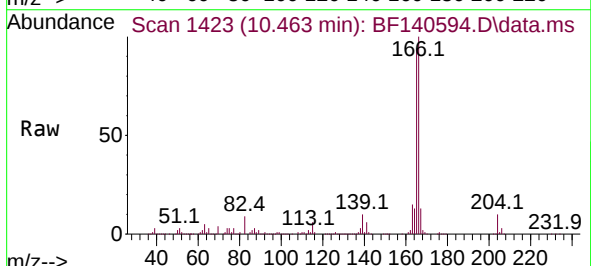
Reviewed By :Yogesh Patel 11/27/2024

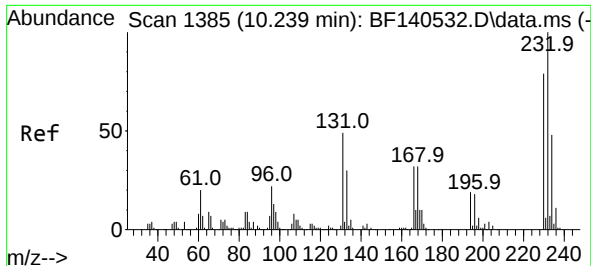
Supervised By :mohammad ahmed 11/27/2024



#58
Fluorene
Concen: 49.490 ng
RT: 10.463 min Scan# 1423
Delta R.T. 0.000 min
Lab File: BF140594.D
Acq: 25 Nov 2024 11:17

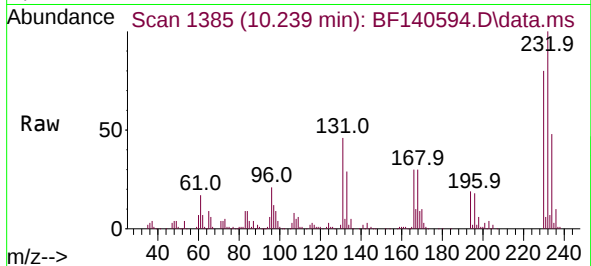
Tgt Ion:166 Resp: 672115
Ion Ratio Lower Upper
166 100
165 93.5 74.6 111.8
167 13.4 10.6 16.0





#59
2,3,4,6-Tetrachlorophenol
Concen: 54.486 ng
RT: 10.239 min Scan# 11
Delta R.T. 0.000 min
Lab File: BF140594.D
Acq: 25 Nov 2024 11:17

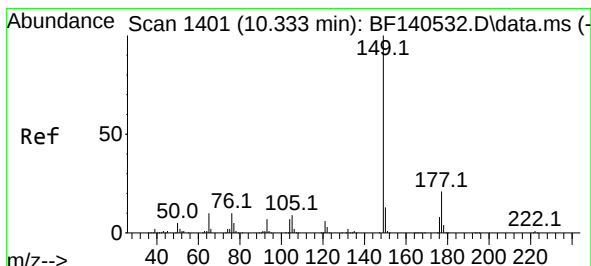
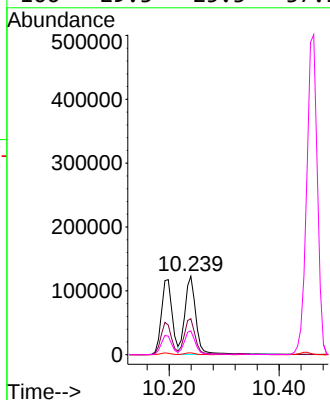
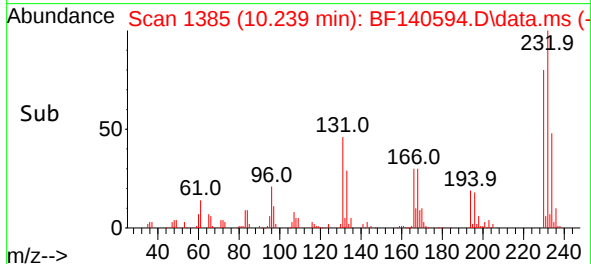
Instrument :
BNA_F
ClientSampleId :
PB165086BS



Tgt Ion:232 Resp: 170508
Ion Ratio Lower Upper
232 100
131 45.8 39.6 59.4
130 2.3 1.9 2.9
166 29.3 25.3 37.9

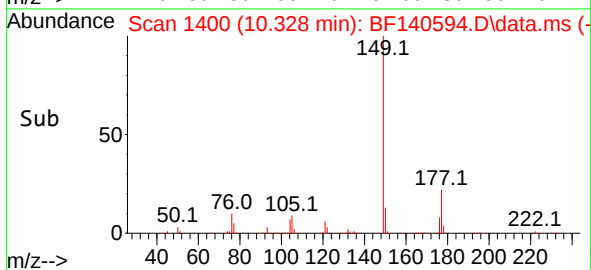
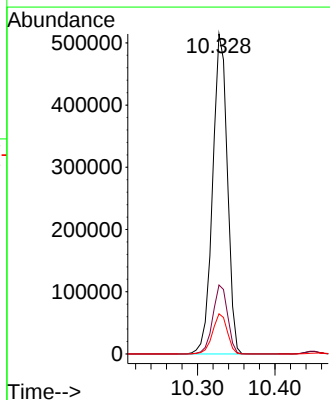
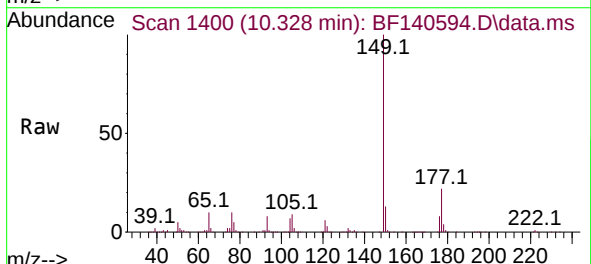
Manual Integrations
APPROVED

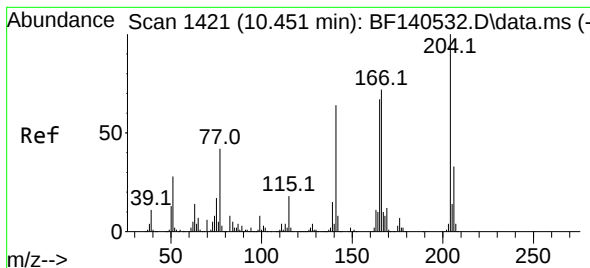
Reviewed By :Yogesh Patel 11/27/2024
Supervised By :mohammad ahmed 11/27/2024



#60
Diethylphthalate
Concen: 49.635 ng
RT: 10.328 min Scan# 1400
Delta R.T. -0.006 min
Lab File: BF140594.D
Acq: 25 Nov 2024 11:17

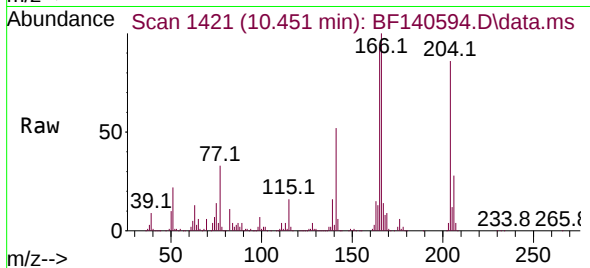
Tgt Ion:149 Resp: 678334
Ion Ratio Lower Upper
149 100
177 21.5 17.1 25.7
150 12.6 10.1 15.1





#61
4-Chlorophenyl-phenylether
Concen: 49.901 ng
RT: 10.451 min Scan# 1421
Delta R.T. 0.000 min
Lab File: BF140594.D
Acq: 25 Nov 2024 11:17

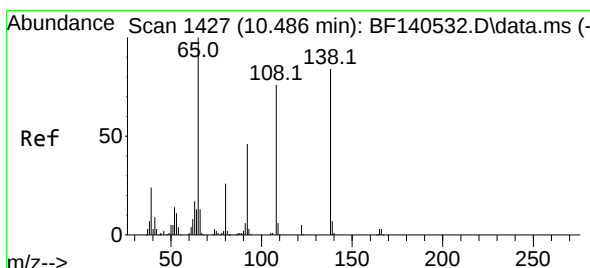
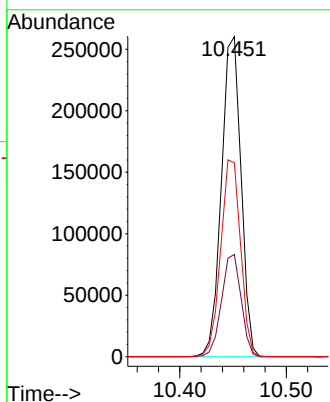
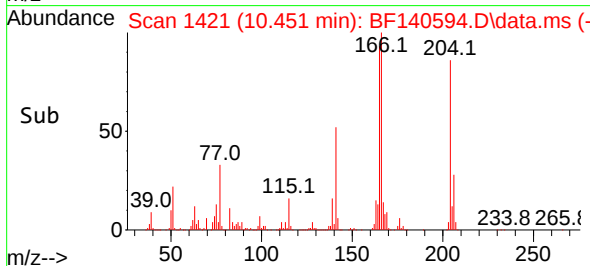
Instrument :
BNA_F
ClientSampleId :
PB165086BS



Tgt Ion:204 Resp: 33258
Ion Ratio Lower Upper
204 100
206 31.9 26.6 40.0
141 60.6 51.1 76.7

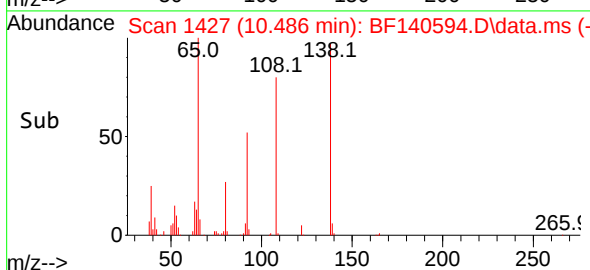
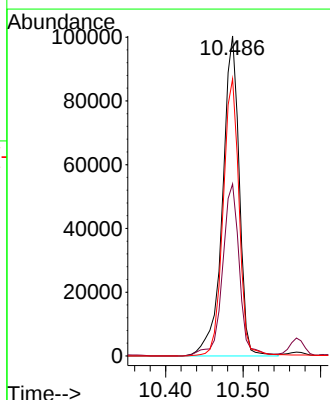
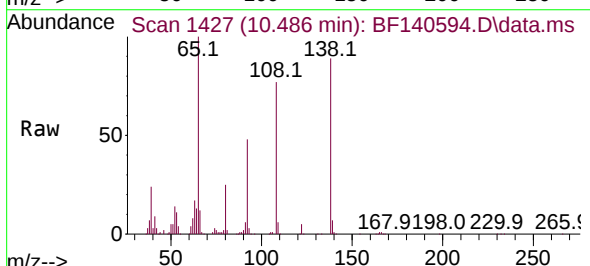
Manual Integrations
APPROVED

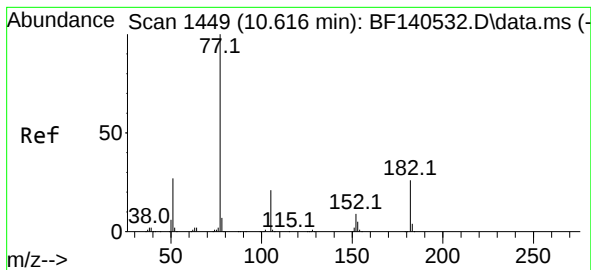
Reviewed By :Yogesh Patel 11/27/2024
Supervised By :mohammad ahmed 11/27/2024



#62
4-Nitroaniline
Concen: 48.116 ng
RT: 10.486 min Scan# 1427
Delta R.T. 0.000 min
Lab File: BF140594.D
Acq: 25 Nov 2024 11:17

Tgt Ion:138 Resp: 150568
Ion Ratio Lower Upper
138 100
92 53.8 34.5 74.5
108 86.6 70.6 110.6





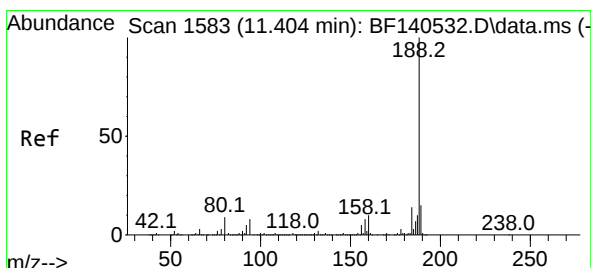
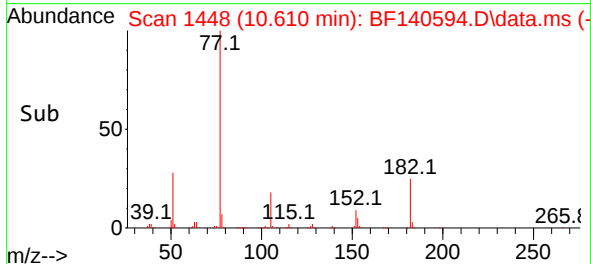
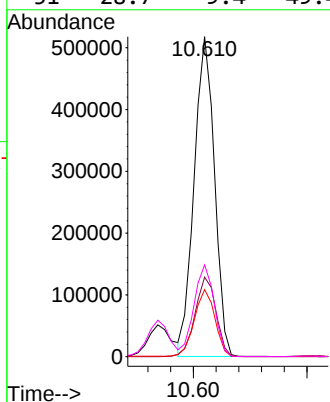
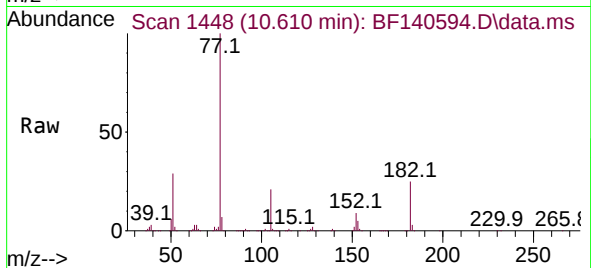
#63
Azobenzene
Concen: 49.810 ng
RT: 10.610 min Scan# 1449
Delta R.T. -0.006 min
Lab File: BF140594.D
Acq: 25 Nov 2024 11:17

Instrument :
BNA_F
ClientSampleId :
PB165086BS

Tgt Ion: 77 Resp: 64465
Ion Ratio Lower Upper
77 100
182 24.9 5.3 45.3
105 20.9 0.3 40.3
51 28.7 9.4 49.4

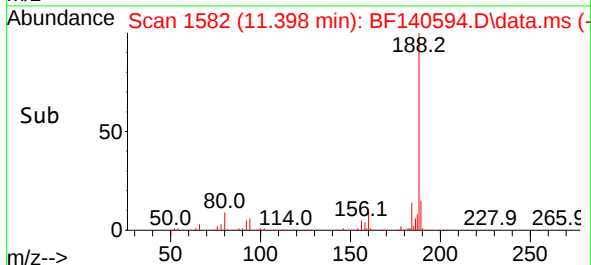
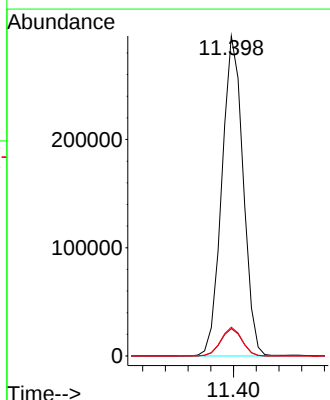
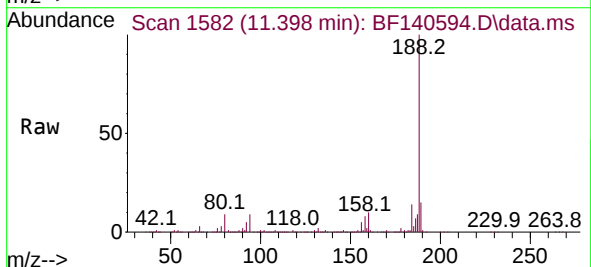
Manual Integrations
APPROVED

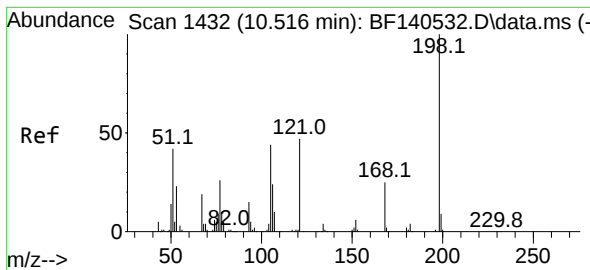
Reviewed By :Yogesh Patel 11/27/2024
Supervised By :mohammad ahmed 11/27/2024



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.398 min Scan# 1582
Delta R.T. -0.006 min
Lab File: BF140594.D
Acq: 25 Nov 2024 11:17

Tgt Ion:188 Resp: 384268
Ion Ratio Lower Upper
188 100
94 8.6 6.4 9.6
80 9.0 6.9 10.3





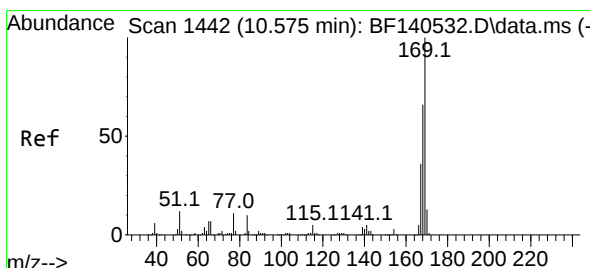
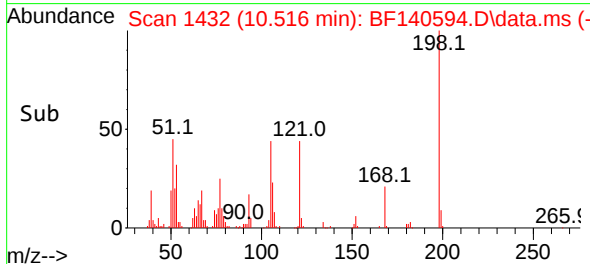
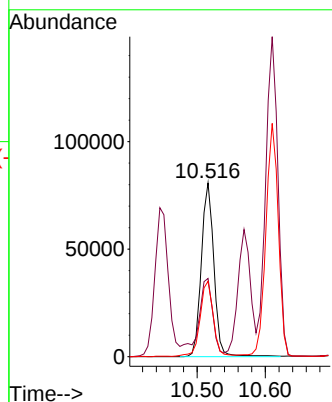
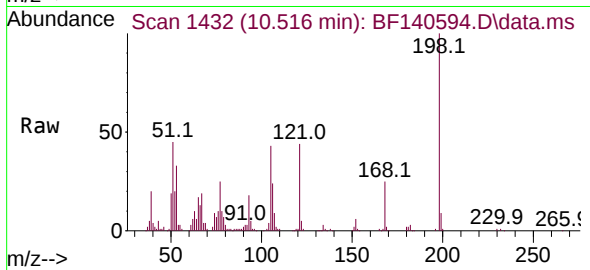
#65
4,6-Dinitro-2-methylphenol
Concen: 52.948 ng
RT: 10.516 min Scan# 1432
Delta R.T. -0.000 min
Lab File: BF140594.D
Acq: 25 Nov 2024 11:17

Instrument :
BNA_F
ClientSampleId :
PB165086BS

Tgt Ion:198 Resp: 10397
Ion Ratio Lower Upper
198 100
51 45.0 29.4 69.4
105 43.4 25.4 65.4

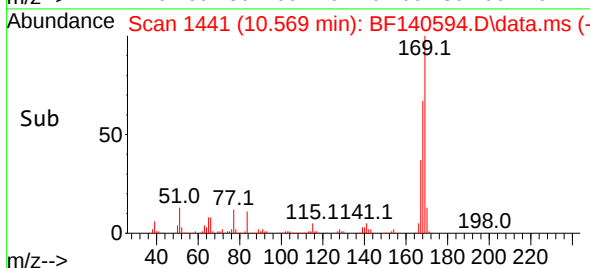
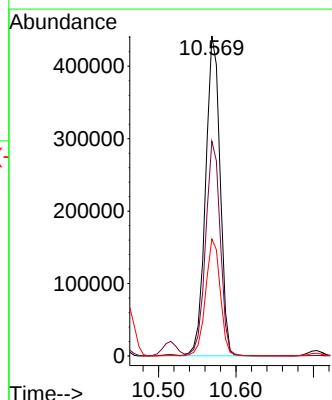
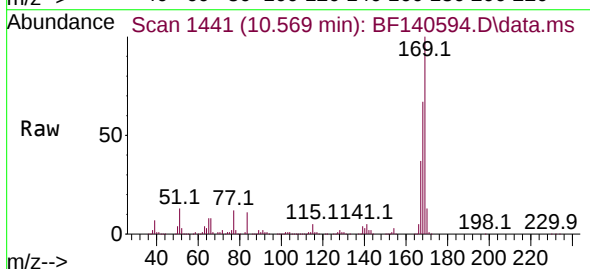
Manual Integrations
APPROVED

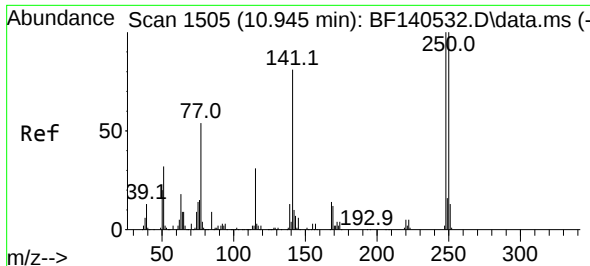
Reviewed By :Yogesh Patel 11/27/2024
Supervised By :mohammad ahmed 11/27/2024



#66
n-Nitrosodiphenylamine
Concen: 50.393 ng
RT: 10.569 min Scan# 1441
Delta R.T. -0.006 min
Lab File: BF140594.D
Acq: 25 Nov 2024 11:17

Tgt Ion:169 Resp: 572661
Ion Ratio Lower Upper
169 100
168 67.1 53.2 79.8
167 36.6 29.0 43.6





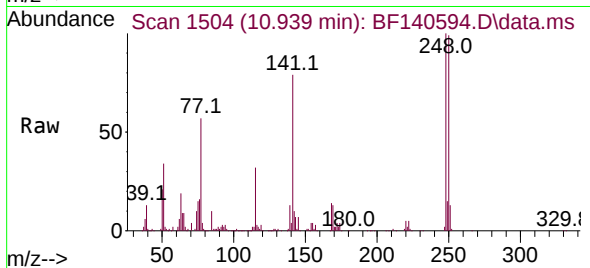
#67
4-Bromophenyl-phenylether
Concen: 49.246 ng
RT: 10.939 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF140594.D
Acq: 25 Nov 2024 11:17

Instrument :

BNA_F

ClientSampleId :

PB165086BS



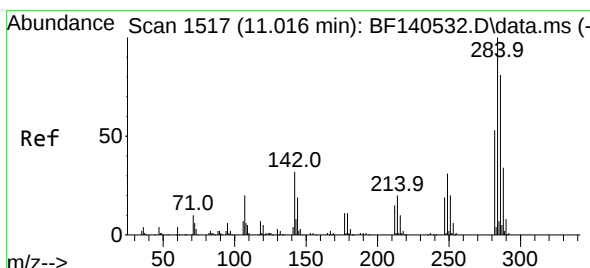
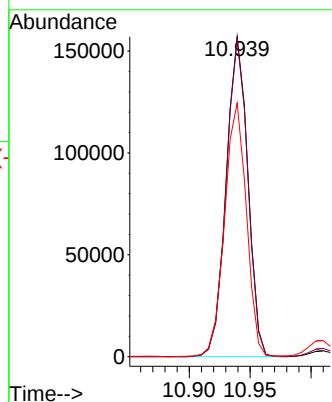
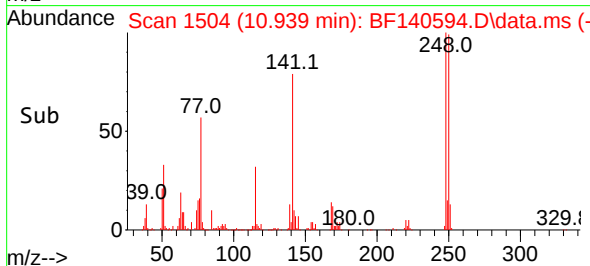
Tgt Ion:248 Resp: 194880
Ion Ratio Lower Upper
248 100
250 99.1 79.8 119.8
141 79.2 64.7 97.1

Manual Integrations

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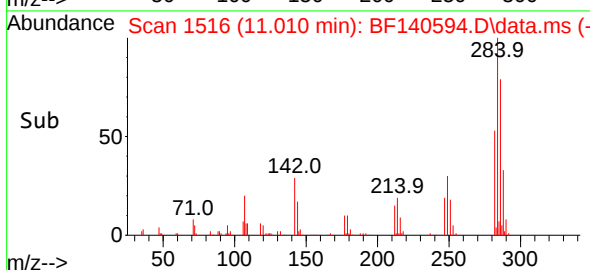
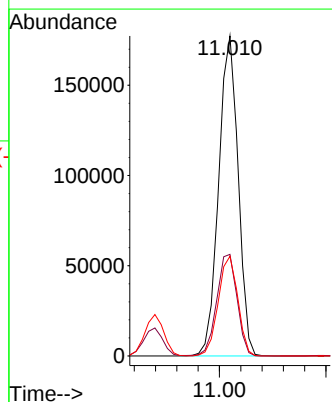
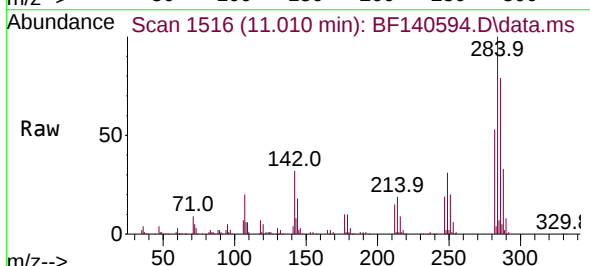
Reviewed By :Yogesh Patel 11/27/2024

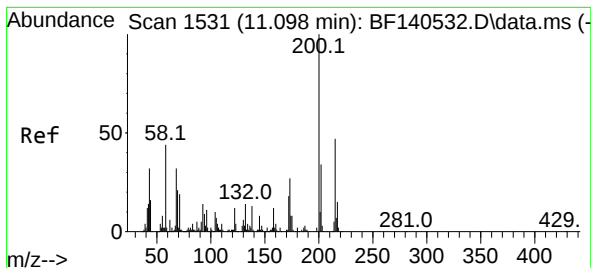
Supervised By :mohammad ahmed 11/27/2024



#68
Hexachlorobenzene
Concen: 49.030 ng
RT: 11.010 min Scan# 1516
Delta R.T. -0.006 min
Lab File: BF140594.D
Acq: 25 Nov 2024 11:17

Tgt Ion:284 Resp: 224667
Ion Ratio Lower Upper
284 100
142 31.7 25.3 37.9
249 31.2 24.8 37.2





#69

Atrazine

Concen: 57.735 ng

RT: 11.098 min Scan# 1531

Delta R.T. 0.000 min

Lab File: BF140594.D

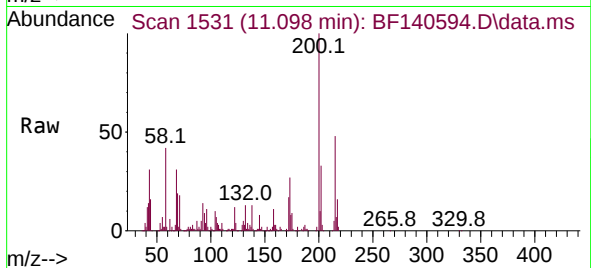
Acq: 25 Nov 2024 11:17

Instrument :

BNA_F

ClientSampleId :

PB165086BS



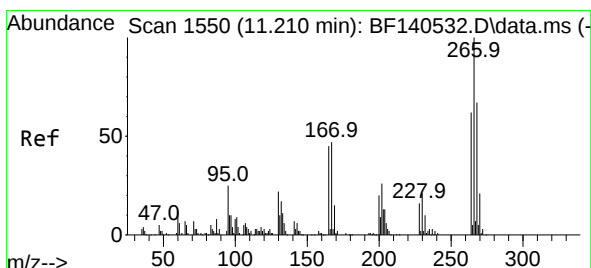
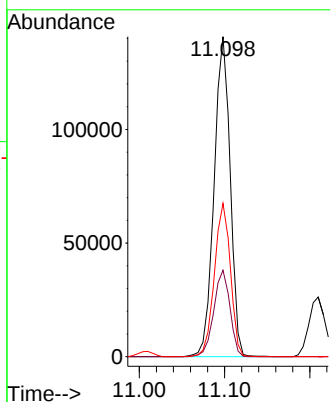
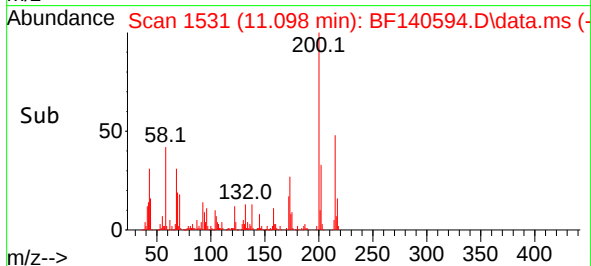
Tgt Ion:	200	Resp:	18457
Ion Ratio	Lower	Upper	
200	100		
173	27.0	7.0	47.0
215	47.9	26.7	66.7

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 11/27/2024

Supervised By :mohammad ahmed 11/27/2024



#70

Pentachlorophenol

Concen: 101.312 ng

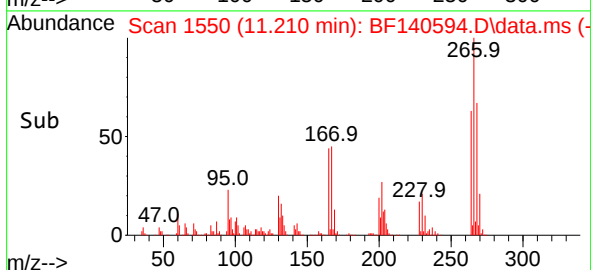
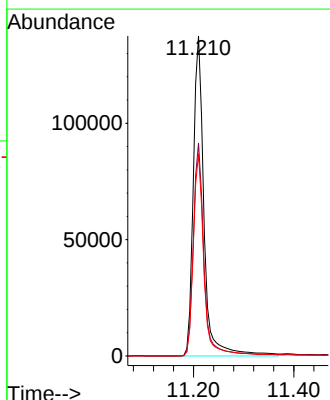
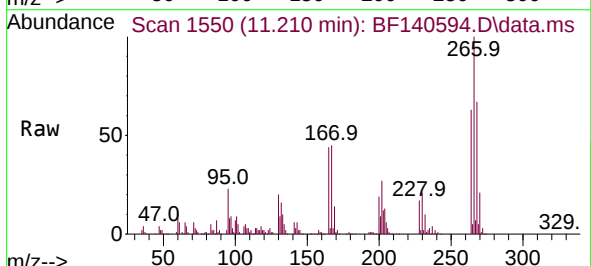
RT: 11.210 min Scan# 1550

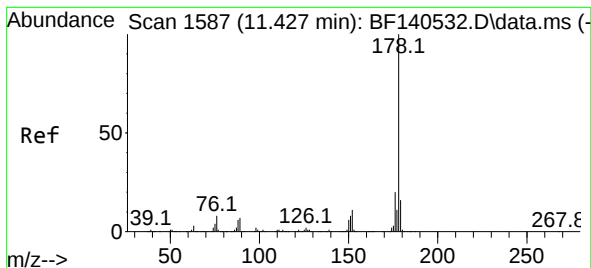
Delta R.T. -0.000 min

Lab File: BF140594.D

Acq: 25 Nov 2024 11:17

Tgt Ion:	266	Resp:	204321
Ion Ratio	Lower	Upper	
266	100		
268	66.6	53.7	80.5
264	63.2	49.8	74.8





#71

Phenanthrene

Concen: 50.647 ng

RT: 11.428 min Scan# 1587

Delta R.T. 0.000 min

Lab File: BF140594.D

Acq: 25 Nov 2024 11:17

Instrument :

BNA_F

ClientSampleId :

PB165086BS

Tgt Ion:178 Resp: 93551

Ion Ratio Lower Upper

178 100

176 19.3 15.8 23.6

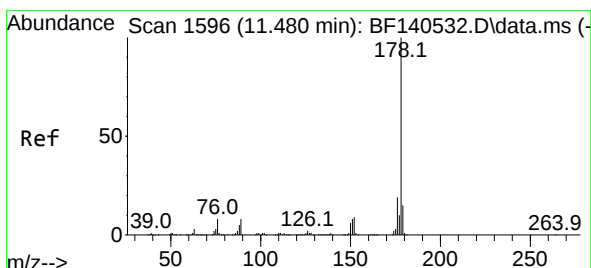
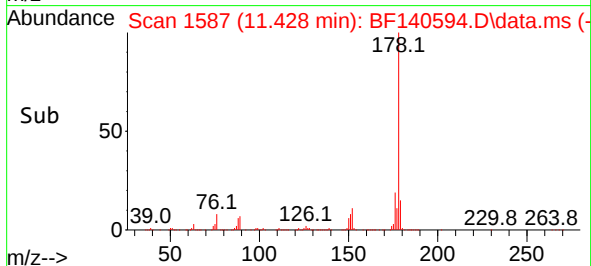
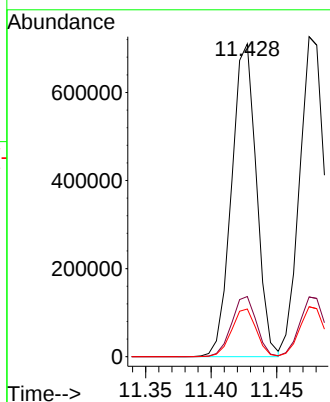
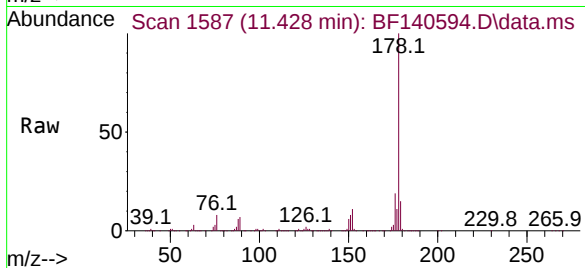
179 15.2 12.4 18.6

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 11/27/2024

Supervised By :mohammad ahmed 11/27/2024



#72

Anthracene

Concen: 52.897 ng

RT: 11.475 min Scan# 1595

Delta R.T. -0.006 min

Lab File: BF140594.D

Acq: 25 Nov 2024 11:17

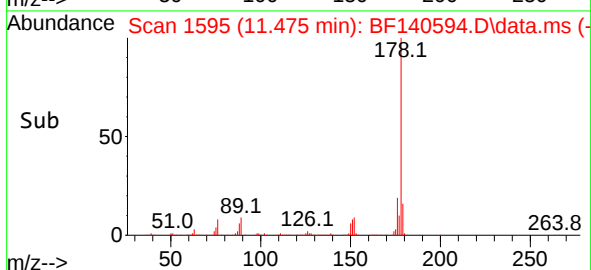
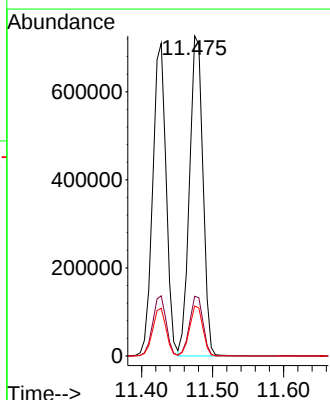
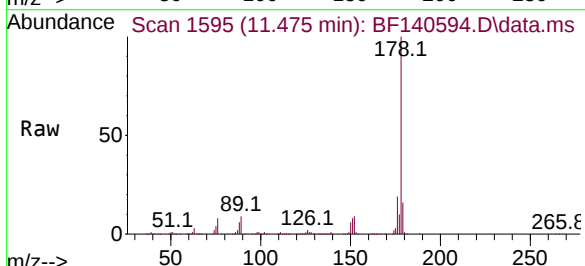
Tgt Ion:178 Resp: 955770

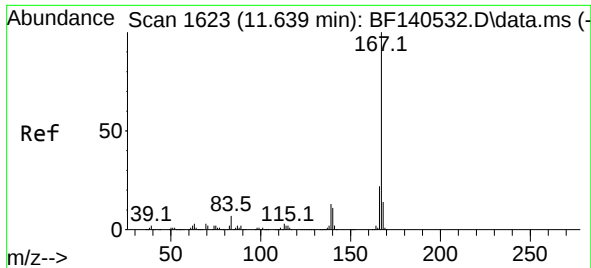
Ion Ratio Lower Upper

178 100

176 18.6 15.0 22.4

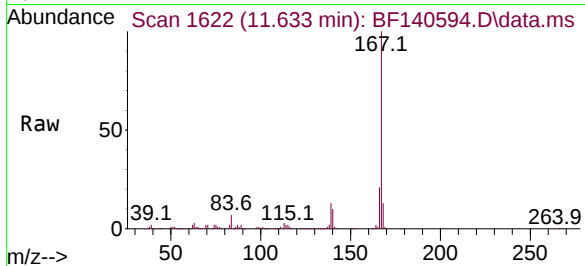
179 15.6 12.2 18.4





#73
Carbazole
Concen: 50.022 ng
RT: 11.633 min Scan# 1622
Delta R.T. -0.006 min
Lab File: BF140594.D
Acq: 25 Nov 2024 11:17

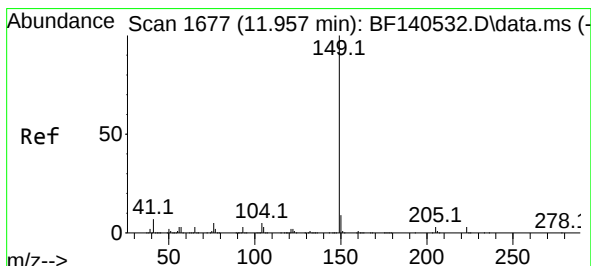
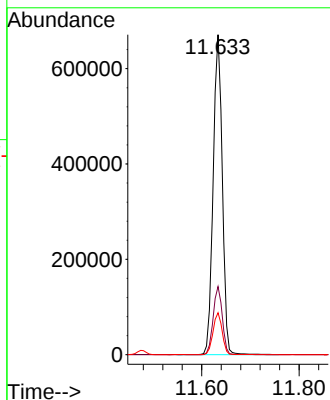
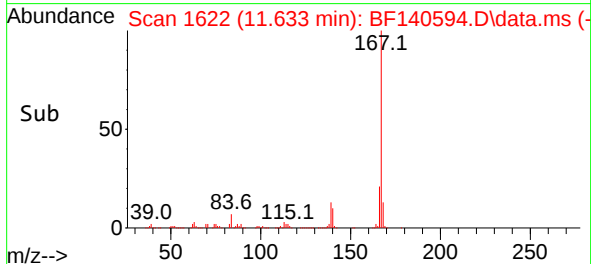
Instrument :
BNA_F
ClientSampleId :
PB165086BS



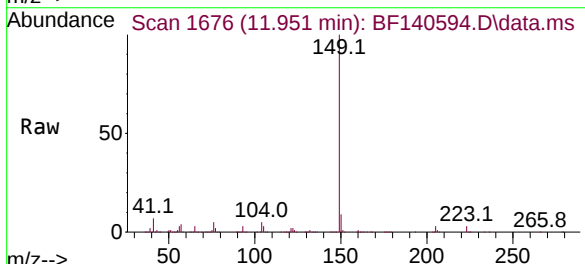
Tgt Ion:167 Resp: 86948
Ion Ratio Lower Upper
167 100
166 21.3 17.2 25.8
139 13.1 10.6 15.8

Manual Integrations
APPROVED

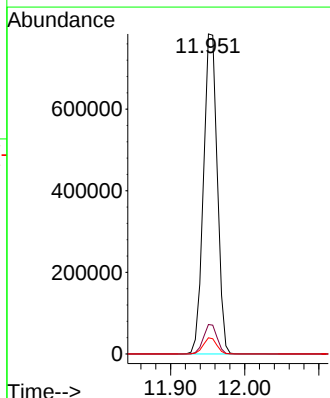
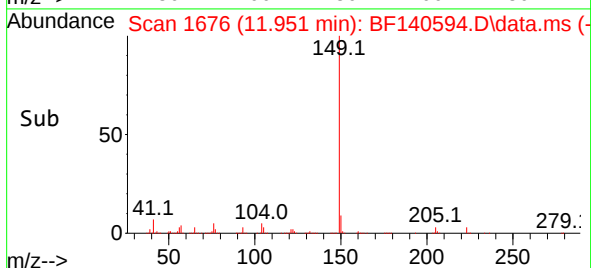
Reviewed By :Yogesh Patel 11/27/2024
Supervised By :mohammad ahmed 11/27/2024

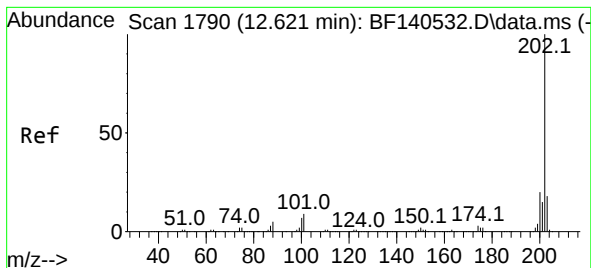


#74
Di-n-butylphthalate
Concen: 50.676 ng
RT: 11.951 min Scan# 1676
Delta R.T. -0.006 min
Lab File: BF140594.D
Acq: 25 Nov 2024 11:17



Tgt Ion:149 Resp: 1016934
Ion Ratio Lower Upper
149 100
150 9.2 7.5 11.3
104 5.0 4.1 6.1





#75

Fluoranthene

Concen: 50.288 ng

RT: 12.616 min Scan# 1789

Delta R.T. -0.006 min

Lab File: BF140594.D

Acq: 25 Nov 2024 11:17

Instrument :

BNA_F

ClientSampleId :

PB165086BS

Tgt Ion:202 Resp: 100853

Ion Ratio Lower Upper

202 100

101 9.4 0.0 28.9

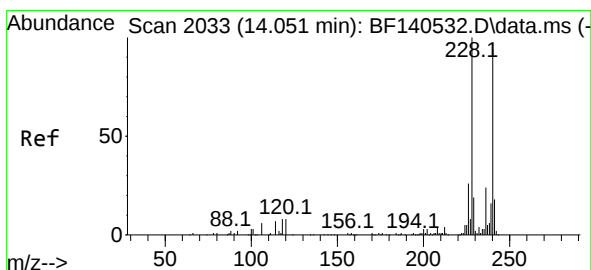
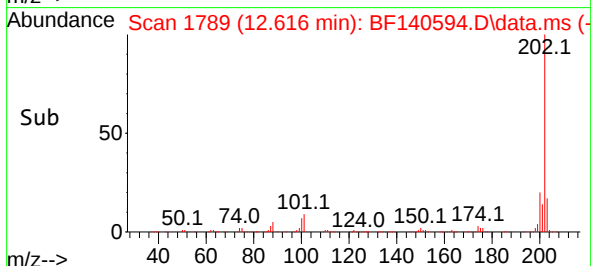
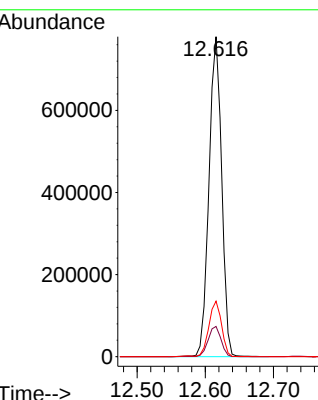
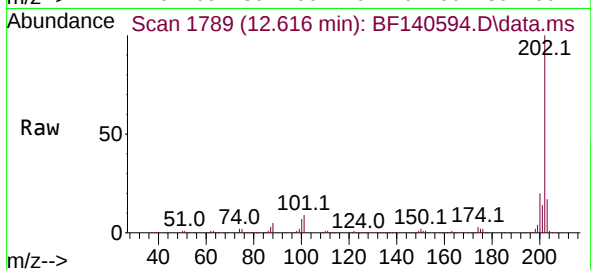
203 17.3 0.0 37.6

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 11/27/2024

Supervised By :mohammad ahmed 11/27/2024



#76

Chrysene-d12

Concen: 20.000 ng

RT: 14.051 min Scan# 2033

Delta R.T. 0.000 min

Lab File: BF140594.D

Acq: 25 Nov 2024 11:17

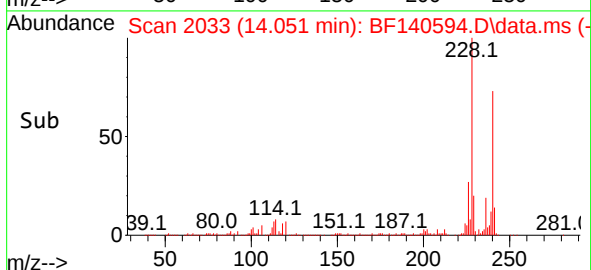
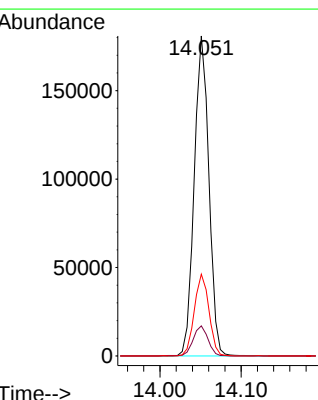
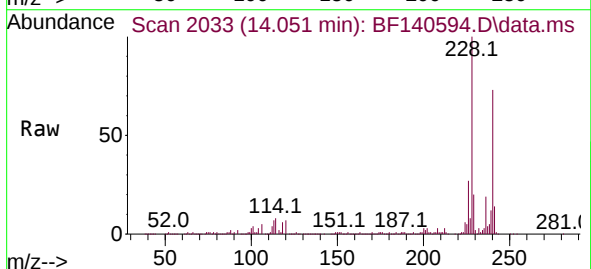
Tgt Ion:240 Resp: 226332

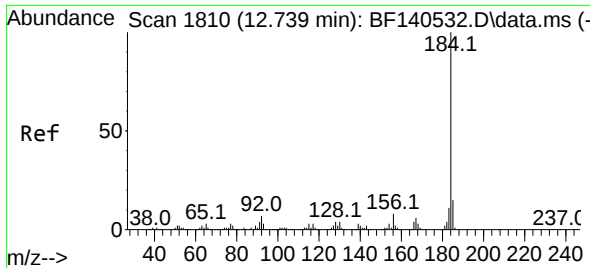
Ion Ratio Lower Upper

240 100

120 9.4 7.3 10.9

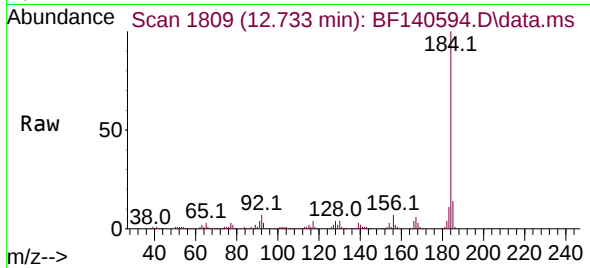
236 25.6 20.6 31.0





#77
Benzidine
Concen: 35.863 ng
RT: 12.733 min Scan# 1809
Delta R.T. -0.006 min
Lab File: BF140594.D
Acq: 25 Nov 2024 11:17

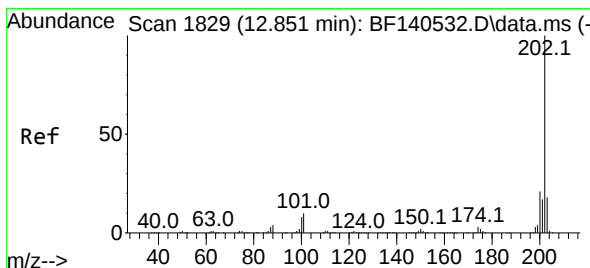
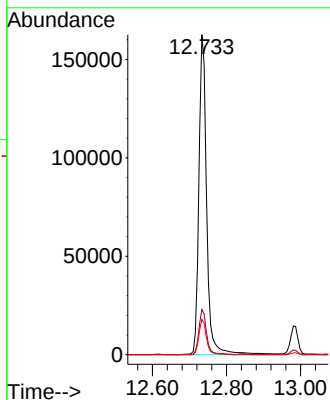
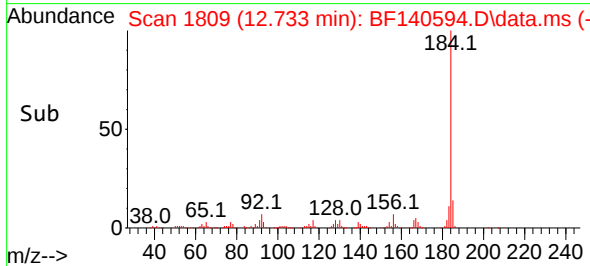
Instrument :
BNA_F
ClientSampleId :
PB165086BS



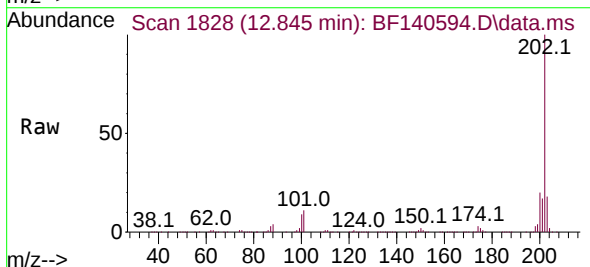
Tgt Ion:184 Resp: 23599
Ion Ratio Lower Upper
184 100
185 14.1 11.7 17.5
183 11.0 8.8 13.2

Manual Integrations
APPROVED

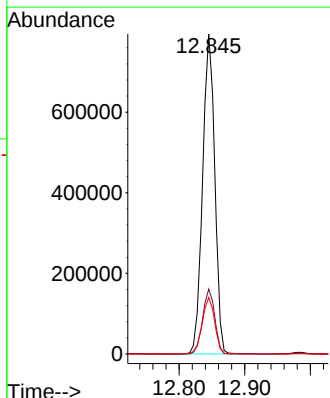
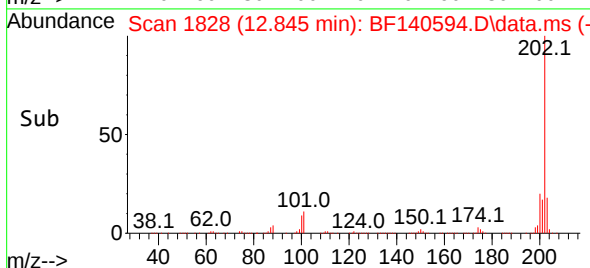
Reviewed By :Yogesh Patel 11/27/2024
Supervised By :mohammad ahmed 11/27/2024

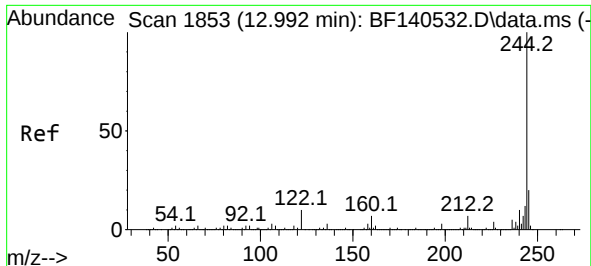


#78
Pyrene
Concen: 49.137 ng
RT: 12.845 min Scan# 1828
Delta R.T. -0.006 min
Lab File: BF140594.D
Acq: 25 Nov 2024 11:17



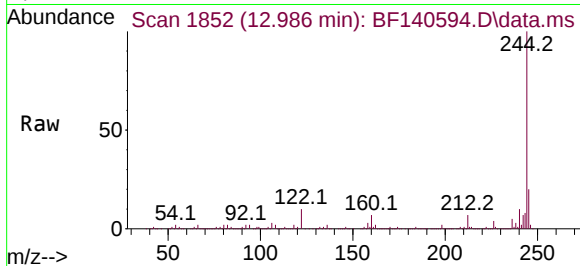
Tgt Ion:202 Resp: 1028303
Ion Ratio Lower Upper
202 100
200 20.3 16.5 24.7
203 17.7 14.2 21.4





#79
Terphenyl-d14
Concen: 96.479 ng
RT: 12.986 min Scan# 1852
Delta R.T. -0.006 min
Lab File: BF140594.D
Acq: 25 Nov 2024 11:17

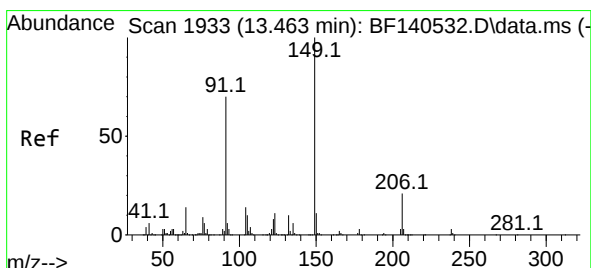
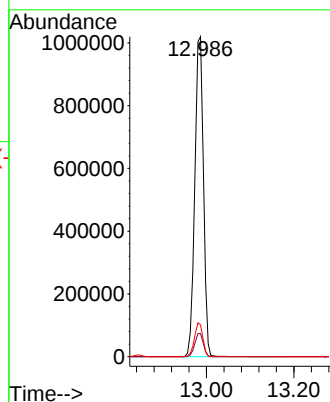
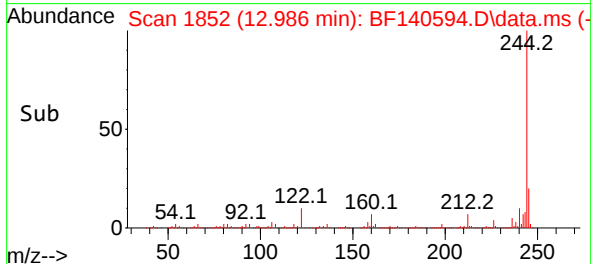
Instrument :
BNA_F
ClientSampleId :
PB165086BS



Tgt Ion:244 Resp: 1402340
Ion Ratio Lower Upper
244 100
212 7.2 5.8 8.8
122 9.9 8.0 12.0

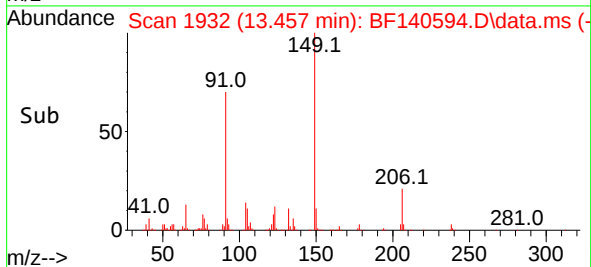
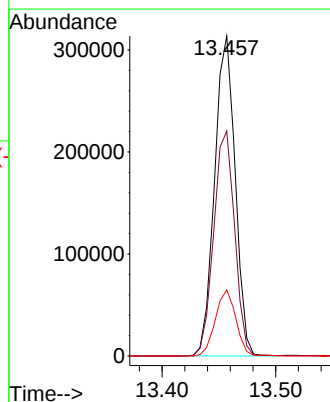
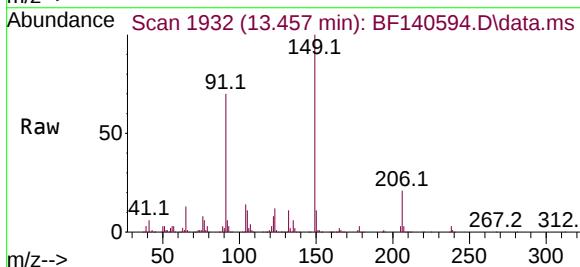
Manual Integrations
APPROVED

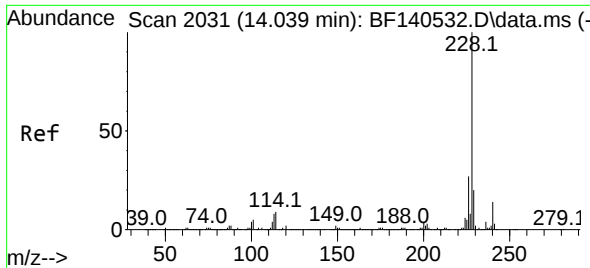
Reviewed By :Yogesh Patel 11/27/2024
Supervised By :mohammad ahmed 11/27/2024



#80
Butylbenzylphthalate
Concen: 52.461 ng
RT: 13.457 min Scan# 1932
Delta R.T. -0.006 min
Lab File: BF140594.D
Acq: 25 Nov 2024 11:17

Tgt Ion:149 Resp: 395492
Ion Ratio Lower Upper
149 100
91 70.3 56.2 84.2
206 20.6 16.4 24.6





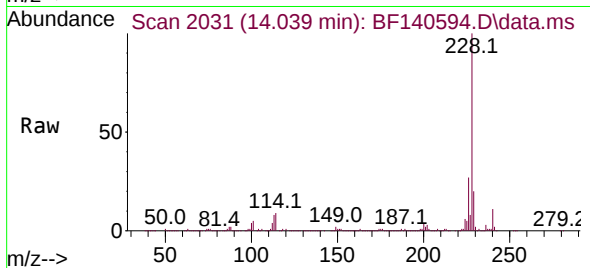
#81
Benzo(a)anthracene
Concen: 50.482 ng
RT: 14.039 min Scan# 2031
Delta R.T. 0.000 min
Lab File: BF140594.D
Acq: 25 Nov 2024 11:17

Instrument :

BNA_F

ClientSampleId :

PB165086BS



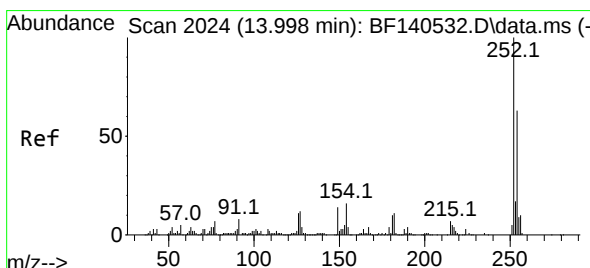
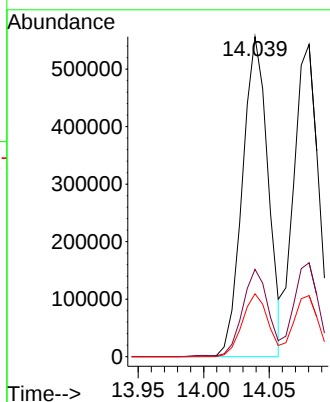
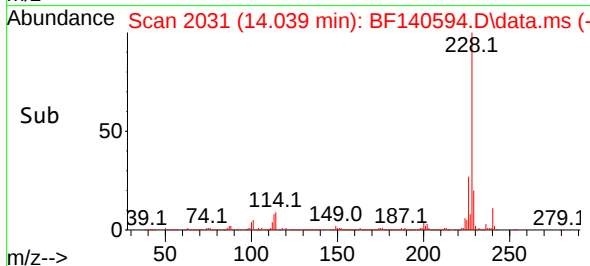
Tgt Ion:228 Resp: 756335
Ion Ratio Lower Upper
228 100
226 27.3 21.8 32.8
229 19.7 15.8 23.6

Manual Integrations

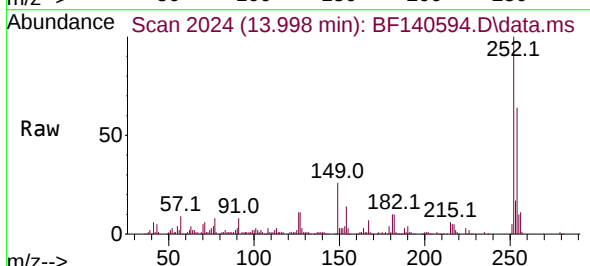
APPROVED

Reviewed By :Yogesh Patel 11/27/2024

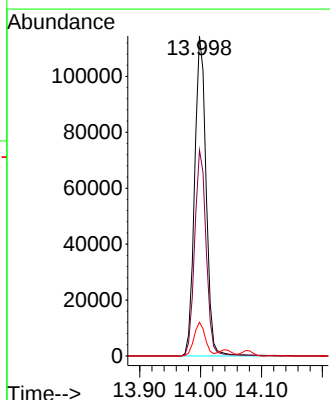
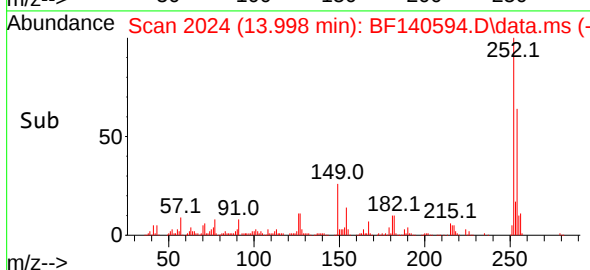
Supervised By :mohammad ahmed 11/27/2024

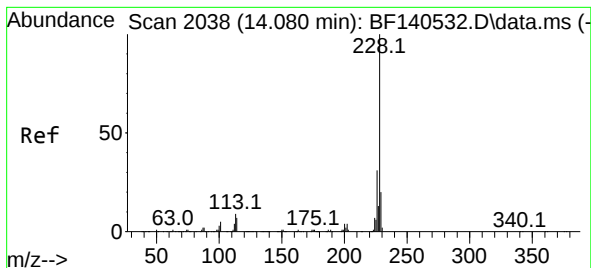


#82
3,3'-Dichlorobenzidine
Concen: 33.385 ng
RT: 13.998 min Scan# 2024
Delta R.T. 0.000 min
Lab File: BF140594.D
Acq: 25 Nov 2024 11:17



Tgt Ion:252 Resp: 150175
Ion Ratio Lower Upper
252 100
254 64.4 50.8 76.2
126 10.5 8.6 13.0





#83

Chrysene

Concen: 51.738 ng

RT: 14.080 min Scan# 2038

Delta R.T. 0.000 min

Lab File: BF140594.D

Acq: 25 Nov 2024 11:17

Instrument :

BNA_F

ClientSampleId :

PB165086BS

Tgt Ion:228 Resp: 70879

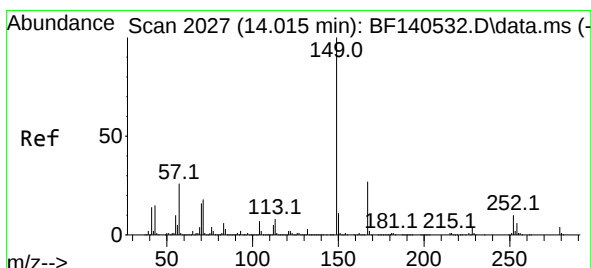
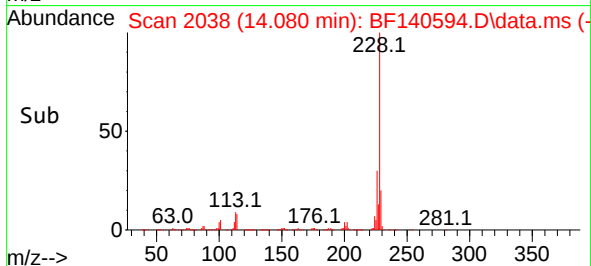
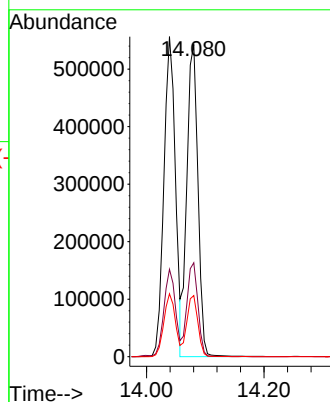
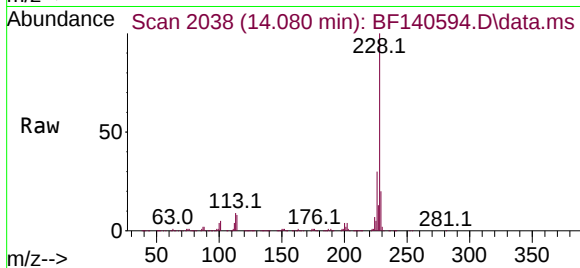
Ion	Ratio	Lower	Upper
228	100		
226	30.1	24.4	36.6
229	19.6	15.8	23.6

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 11/27/2024

Supervised By :mohammad ahmed 11/27/2024



#84

Bis(2-ethylhexyl)phthalate

Concen: 53.923 ng

RT: 14.016 min Scan# 2027

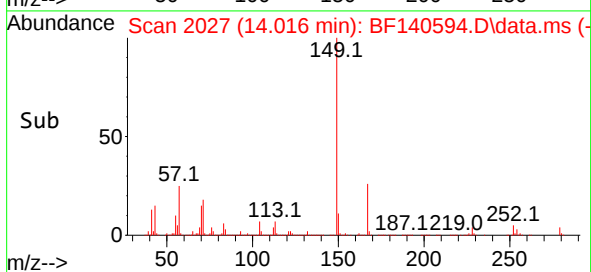
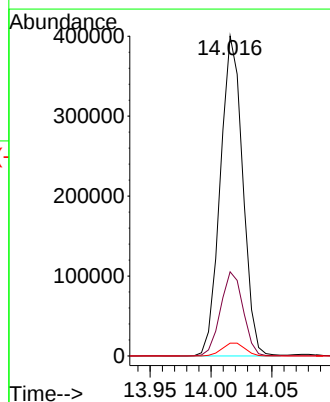
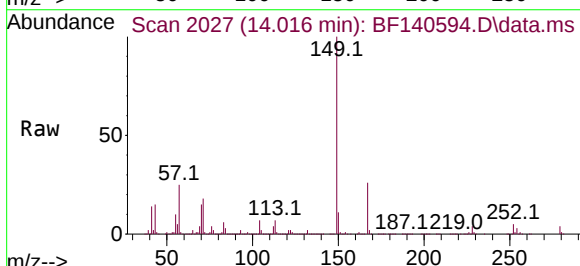
Delta R.T. 0.000 min

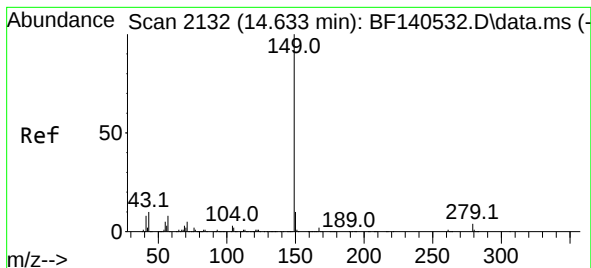
Lab File: BF140594.D

Acq: 25 Nov 2024 11:17

Tgt Ion:149 Resp: 513313

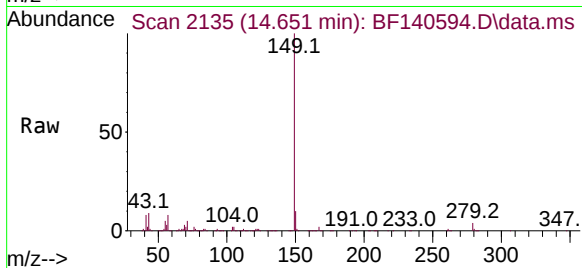
Ion	Ratio	Lower	Upper
149	100		
167	26.3	21.2	31.8
279	4.0	3.2	4.8





#85
Di-n-octyl phthalate
Concen: 55.710 ng
RT: 14.651 min Scan# 2135
Delta R.T. 0.018 min
Lab File: BF140594.D
Acq: 25 Nov 2024 11:17

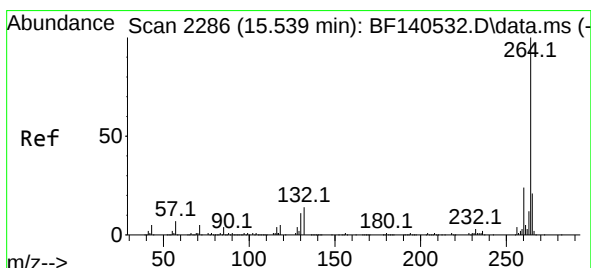
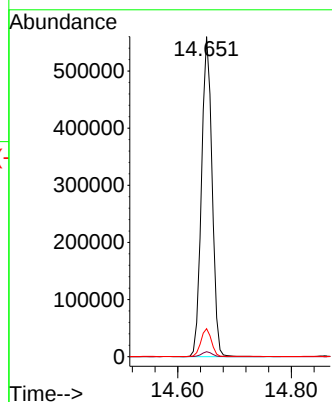
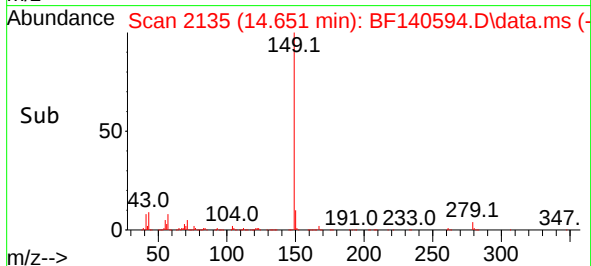
Instrument :
BNA_F
ClientSampleId :
PB165086BS



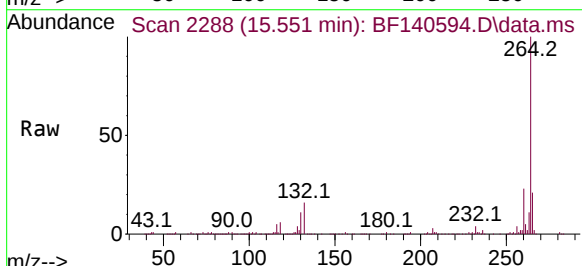
Tgt Ion:149 Resp: 724749
Ion Ratio Lower Upper
149 100
167 1.6 1.3 1.9
43 8.7 7.7 11.5

Manual Integrations
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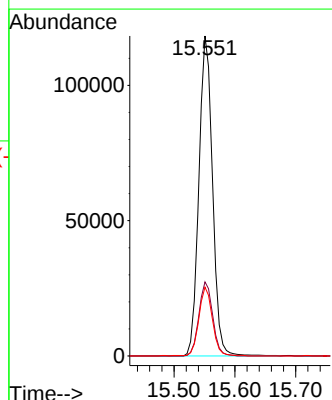
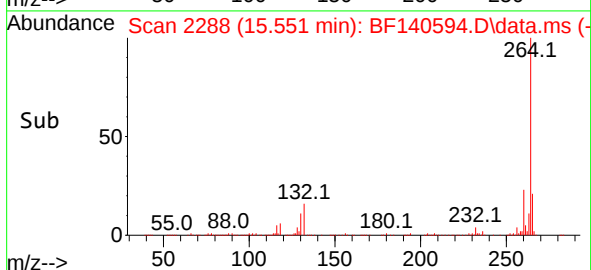
Reviewed By :Yogesh Patel 11/27/2024
Supervised By :mohammad ahmed 11/27/2024

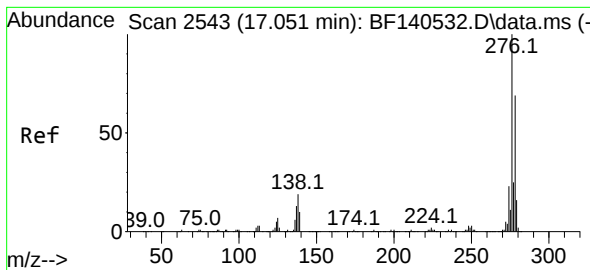


#86
Perylene-d12
Concen: 20.000 ng
RT: 15.551 min Scan# 2288
Delta R.T. 0.012 min
Lab File: BF140594.D
Acq: 25 Nov 2024 11:17



Tgt Ion:264 Resp: 183684
Ion Ratio Lower Upper
264 100
260 23.2 19.0 28.6
265 21.5 16.6 25.0





#87

Indeno(1,2,3-cd)pyrene

Concen: 50.722 ng

RT: 17.068 min Scan# 21

Delta R.T. 0.018 min

Lab File: BF140594.D

Acq: 25 Nov 2024 11:17

Instrument :

BNA_F

ClientSampleId :

PB165086BS

Tgt Ion:276 Resp: 60717

Ion Ratio Lower Upper

276 100

138 20.7 15.5 23.3

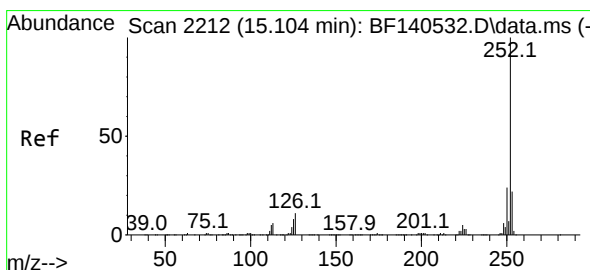
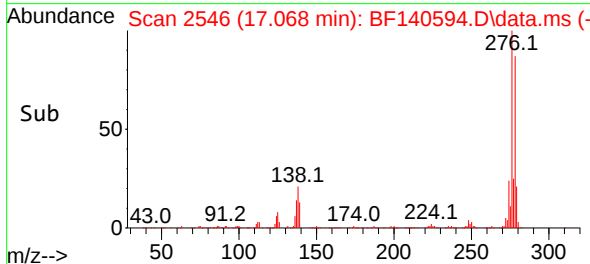
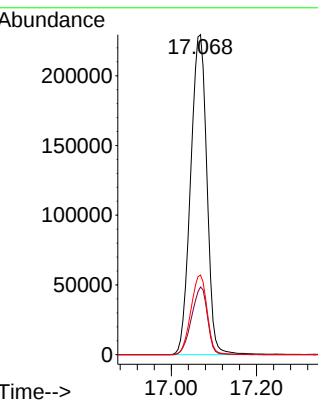
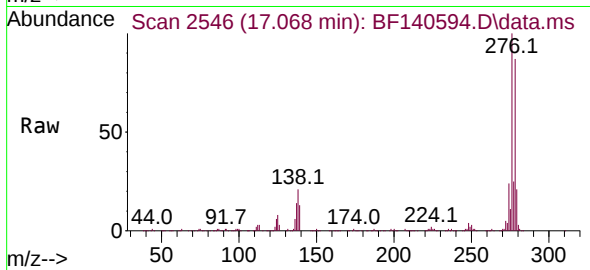
277 24.7 20.1 30.1

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 11/27/2024

Supervised By :mohammad ahmed 11/27/2024



#88

Benzo(b)fluoranthene

Concen: 52.057 ng

RT: 15.116 min Scan# 2214

Delta R.T. 0.012 min

Lab File: BF140594.D

Acq: 25 Nov 2024 11:17

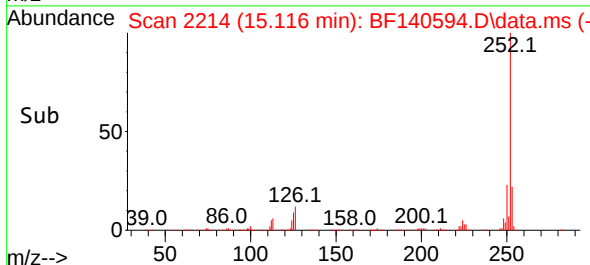
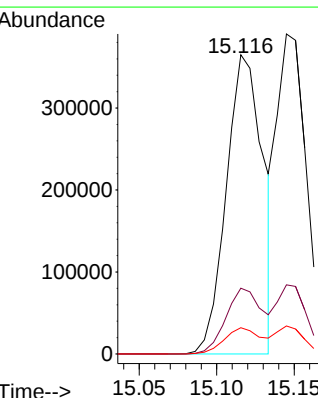
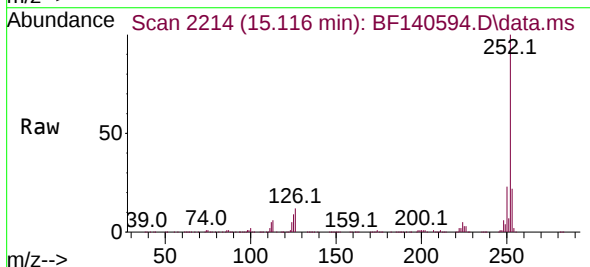
Tgt Ion:252 Resp: 600609

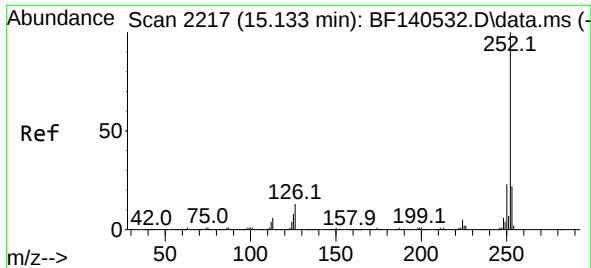
Ion Ratio Lower Upper

252 100

253 22.0 17.2 25.8

125 8.7 6.7 10.1





#89
Benzo(k)fluoranthene
Concen: 51.535 ng
RT: 15.145 min Scan# 2219
Delta R.T. 0.012 min
Lab File: BF140594.D
Acq: 25 Nov 2024 11:17

Instrument :

BNA_F

ClientSampleId :

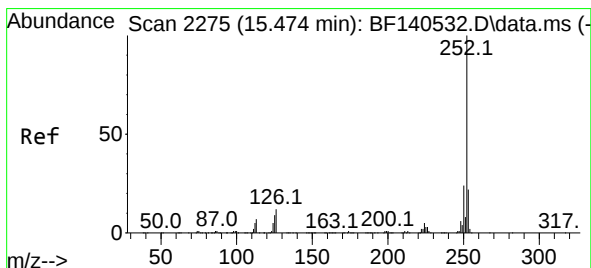
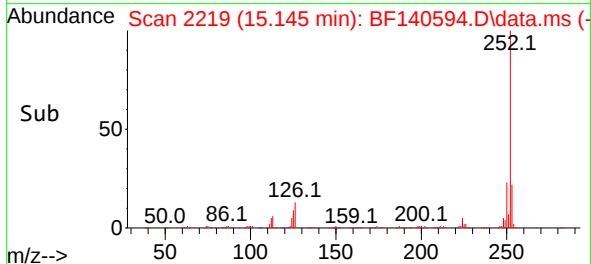
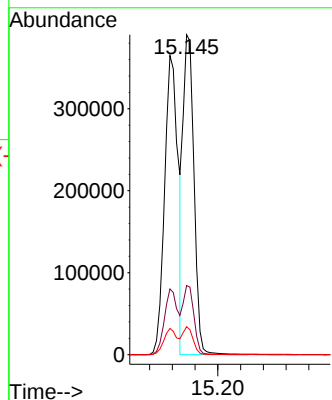
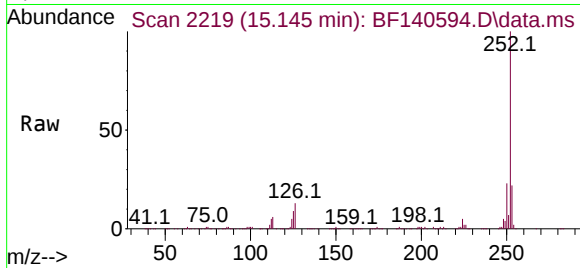
PB165086BS

Tgt Ion:252 Resp: 520314
Ion Ratio Lower Upper
252 100
253 21.6 17.5 26.3
125 8.8 6.5 9.7

Manual Integrations

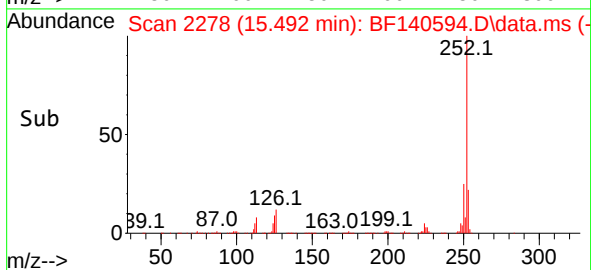
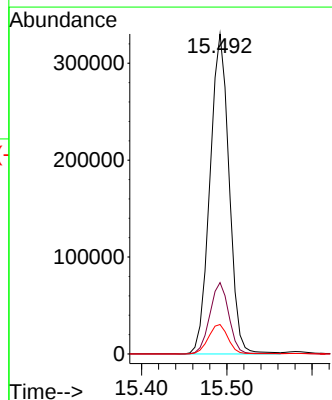
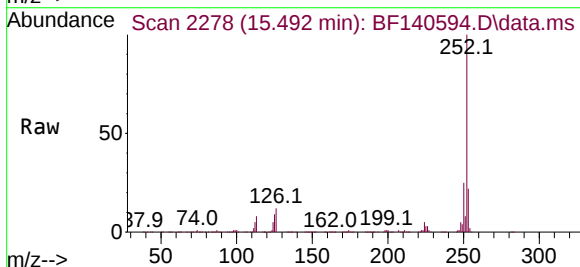
APPROVED

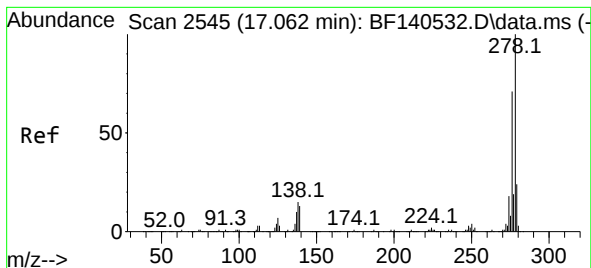
Reviewed By :Yogesh Patel 11/27/2024
Supervised By :mohammad ahmed 11/27/2024



#90
Benzo(a)pyrene
Concen: 54.925 ng
RT: 15.492 min Scan# 2278
Delta R.T. 0.018 min
Lab File: BF140594.D
Acq: 25 Nov 2024 11:17

Tgt Ion:252 Resp: 515240
Ion Ratio Lower Upper
252 100
253 22.3 17.3 25.9
125 9.2 7.0 10.6





#91

Dibenzo(a,h)anthracene

Concen: 50.406 ng

RT: 17.074 min Scan# 2545

Delta R.T. 0.012 min

Lab File: BF140594.D

Acq: 25 Nov 2024 11:17

Instrument :

BNA_F

ClientSampleId :

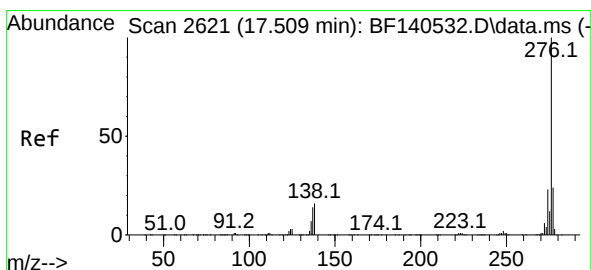
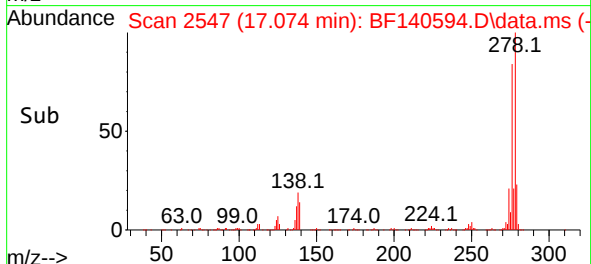
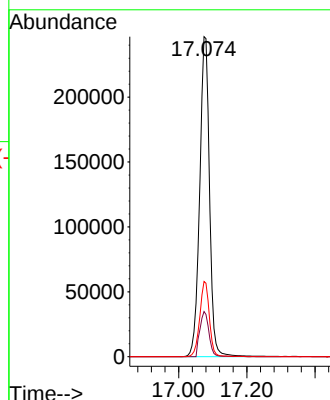
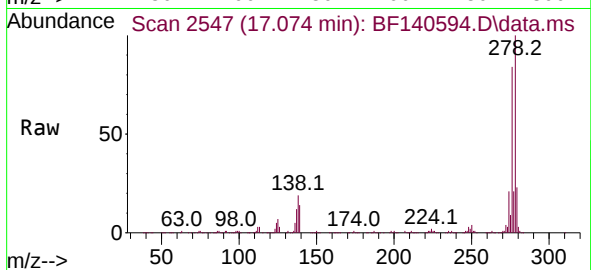
PB165086BS

Tgt Ion:278 Resp: 494149
 Ion Ratio Lower Upper
 278 100
 139 14.1 10.2 15.4
 279 23.5 18.9 28.3

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 11/27/2024
 Supervised By :mohammad ahmed 11/27/2024



#92

Benzo(g,h,i)perylene

Concen: 44.927 ng

RT: 17.515 min Scan# 2622

Delta R.T. 0.006 min

Lab File: BF140594.D

Acq: 25 Nov 2024 11:17

Tgt Ion:276 Resp: 449443
 Ion Ratio Lower Upper
 276 100
 277 23.5 18.9 28.3
 138 18.4 13.2 19.8

